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Thomas D. Snyder
Project Director
**National Center for
Education Statistics**

Alexandra G. Tan
Charlene M. Hoffman
**Education Statistics
Services Institute**

U.S. Department of Education

Rod Paige
Secretary

Institute of Education Sciences

Grover J. Whitehurst
Director

National Center for Education Statistics

Val Plisko
Associate Commissioner

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Content Contact:

Thomas D. Snyder
(202) 502-7452
Tom.Snyder@ed.gov

FOREWORD

The 2003 edition of the *Digest of Education Statistics* is the 39th in a series of publications initiated in 1962. (The *Digest* has been issued annually except for combined editions for the years 1977–78, 1983–84, and 1985–86.) Its primary purpose is to provide a compilation of statistical information covering the broad field of American education from prekindergarten through graduate school. The *Digest* includes a selection of data from many sources, both government and private, and draws especially on the results of surveys and activities carried out by the National Center for Education Statistics (NCES). To qualify for inclusion in the *Digest*, material must be nationwide in scope and of current interest and value. The publication contains information on a variety of subjects in the field of education statistics, including the number of schools and colleges, teachers, enrollments, and graduates, in addition to educational attainment, finances, federal funds for education, libraries, and international education. Supplemental information on population trends, attitudes on education, education characteristics of the labor force, government finances, and economic trends provides background for evaluating education data. Although the *Digest* contains important information on federal education funding, more detailed information on federal activities is available from federal education program offices.

The *Digest* contains seven chapters: All Levels of Education, Elementary and Secondary Education, Postsecondary Education, Federal Programs for Education and Related Activities, Outcomes of Education, International Comparisons of Education, and Libraries and Educational Technology. Preceding these chapters is an introduction that provides a brief overview of current trends in American education, which supplements the tabular materials in chapters 1 through 7. The *Digest* concludes with an appendix that is divided into several sections. The Guide to

Sources provides a brief synopsis of the surveys used to generate the tabulations for the *Digest*. Also, a Definitions section is included to help readers understand terms.

In addition to updating many of the statistics that have appeared in previous years, this edition contains new material, including

- suspensions and expulsions of public elementary and secondary schools, by state, sex, and percent of enrollment (table 147);
- total fall enrollment in private not-for-profit degree-granting institutions by attendance status, sex, and state or jurisdiction (table 198);
- percent of degree-granting institutions with first-year undergraduates using various selection criteria for admission, by type and control of institution (table 311);
- total revenue of private not-for-profit degree-granting institutions, by source of funds and type of institution (tables 340 and 341);
- total revenue of private for-profit degree-granting institutions, by source of funds and type of institution (tables 342 and 343); and
- total expenditures of private not-for-profit degree-granting institutions, by purpose and type of institution (table 355).

Beginning in 2005, updates to some tables from the *Digest of Education Statistics* will appear on the NCES web site prior to printing. The *Digest* and other NCES reports can be accessed from <http://nces.ed.gov>.

Val Plisko
Associate Commissioner
Early Childhood, International, and Crosscutting
Studies Division

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Many people have contributed in one way or another to the development of the *Digest of Education Statistics, 2003*. Thomas D. Snyder was responsible for the overall development and preparation of this edition of the *Digest*, which was prepared under the general direction of Val Plisko.

Charlene M. Hoffman, who retired in December 2003, provided technical assistance in its preparation and was responsible for chapter 4, Federal Programs for Education and Related Activities, and for tables on degrees conferred. William Sonnenberg provided statistical computing consultation on all phases of the report. Debra Gerald (retired December 2003) and William Hussar prepared projections of school enrollment and finance statistics. William Hussar conducted a technical review. Marilyn Seastrom, Chief Statistician of the National Center for Education Statistics (NCES), supervised the review of the publication. Lynn Okagaki of the Institute of Education Sciences reviewed the publication.

A number of individuals outside NCES also expended time and effort on the *Digest*. Ben Young, Christina Stearns, Charmaine Llagas, and Bela Shah, all formerly of the American Institutes for Research, provided research and statistical analysis. Anne Kleiner of Westat prepared the analysis of Internet use in public schools. Richa Arora, Anthony Forte, Patricia Haggerty, Emily Holt, Sanyu Kibuka,

Ramani Kotaru, Nana Kwakye, Linda Shafer, Rebecca Shwalb, Aparna Sundaram, Alexandra Tan and Alan Vanneman of the Education Statistics Services Institute (ESSI) of the American Institutes for Research revised the document after each review. Jerry Fairbanks of ESSI managed the typesetting. Mariel Escudero, ESSI, prepared the figures and the cover. Chris Stahnke of Pinkerton Computer Consultants prepared the website.

This year's edition of the *Digest* has received extensive reviews by several other individuals within and outside the U.S. Department of Education. We wish to thank them for their time and expert advice. W. Vance Grant of the American Institutes for Research and Rosemary Clark, U.S. Census Bureau, reviewed the entire document. NCES staff who reviewed portions of the manuscript were Stephen Broughman, Janis Brown, Kathryn Chandler, Chris Chapman, Carol Chelemer, Bernie Greene, Wilma Greene, Kerry Gruber, Lee Hoffman, Barbara Holton, Frank Johnson, Andrew Kolstad, John Sietsema, and Jeff Williams. Sally Aquilino, Janet Boysen, Deven Carlson, Young Chun, Sandy Eyster, Erin Gammill, Martin Hahn, Lawrence Lanahan, Dan McGrath, David Miller, Stephen Provasnik, Jason Sellers, Robert Stillwell, Gerard Rainville, Aparna Sundaram, and Zeyu Xu of ESSI assisted with the technical review of the document.

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INTRODUCTION

In the fall of 2003, about 70.7 million persons were enrolled in American schools and colleges (table 1). About 4.2 million were employed as elementary and secondary school teachers and as college faculty. Other professional, administrative, and support staff at educational institutions numbered 4.8 million. Thus, about 79.7 million people were involved, directly or indirectly, in providing or receiving formal education. All data for 2003 in this Introduction are projected. Some data for other years are projected or estimated as noted.

Elementary/Secondary Education

Enrollment

Enrollment in public elementary and secondary schools rose 22 percent between 1985 and 2003 (table 2). The fastest public school growth occurred in the elementary grades (prekindergarten through grade 8), where enrollment rose 25 percent over this period, from 27.0 million to 33.8 million. Private school enrollment grew more slowly than public school enrollment from 1985 to 2003, rising 13 percent, from 5.6 million to 6.3 million. As a result, the proportion of students enrolled in private schools declined slightly, from 12.4 percent in 1985 to 11.5 percent in 2003. Since the enrollment rates of kindergarten and elementary school-age children have not changed much in recent years (table 7), increases in public and private elementary school enrollment have been driven primarily by increases in the number of children in this age group. Public secondary school enrollment declined 8 percent from 1985 to 1990, but then rose 25 percent from 1990 to 2003, for a net increase of 15 percent.

The National Center for Education Statistics (NCES) forecasts record levels of total elementary and secondary enrollment through 2013, as the school-age population continues to rise. The projected fall 2003 public school enrollment marks a new record, and new records are expected every year through 2013, the last year for which NCES enrollment projections have been developed (table 3). Public elementary school enrollment (prekindergarten through grade 8) is projected to decline slowly between 2003 and 2005, and then increase, so that the fall 2013 projected enrollment is 5 percent higher than the 2003 projected enrollment. Public secondary

school enrollment (grades 9 through 12) is expected to increase 1 percent between 2003 and 2013.

Teachers

A projected 3.4 million elementary and secondary school teachers were engaged in classroom instruction in the fall of 2003 (table 4). This number has risen in recent years, up about 22 percent since 1990. The 2003 projected number of teachers includes 3.0 million public school teachers and 0.4 million private school teachers.

The number of public school teachers has risen faster than the number of students over the past 10 years, resulting in small declines in the pupil/teacher ratio (table 64). In the fall of 2002, there were a projected 16.1 public school pupils per teacher, compared with 17.4 public school pupils per teacher 10 years earlier.

The salaries of public school teachers, which lost purchasing power to inflation during the 1970s, rose faster than the inflation rate in the 1980s (table 77). Since 1990–91, salaries for teachers have generally maintained pace with inflation. The average salary for teachers in 2002–03 was \$45,822, about 2 percent higher than in 1992–93, after adjustment for inflation.

Student Performance

Most of the student performance data in the *Digest* are drawn from the National Assessment of Educational Progress (NAEP). NAEP conducts assessments using three basic designs: the main NAEP, state NAEP, and long-term trend NAEP. These three basic designs are described in the paragraphs that follow. The main NAEP assessments report current information for the nation and specific geographic regions of the country. They include students drawn from both public and nonpublic schools and report results for student achievement at grades 4, 8, and 12. The main NAEP assessments follow the frameworks developed by the National Assessment Governing Board and use the latest advances in assessment methodology. NAEP frameworks are designed to reflect changes in educational objectives and curriculum.

Since 1990, NAEP assessments have also been conducted at the state level. States that choose to participate receive assessment results that report on

the performance of students in that state. In its content, the state assessment is identical to the assessment conducted nationally. However, because the national NAEP samples prior to 2002 were not designed to support the reporting of accurate and representative state-level results, separate representative samples of students were selected for each participating jurisdiction/state and additional students needed to yield national estimates were selected from nonparticipating states.

NAEP also conducts long-term trend assessments, which are designed to give information on changes in the basic achievement of America's youth since the early 1970s. They are administered nationally and report student performance at ages 9, 13, and 17 in reading, mathematics, and science, and in grades 4, 8, and 11 in writing. Measuring trends of student achievement or change over time requires the precise replication of past procedures. Therefore, the long-term trend instrument does not evolve based on changes in curricula or in educational practices.

Reading

Overall achievement scores on the NAEP long-term trend reading assessment for the country's 9-, 13-, and 17-year-old students are mixed. Reading performance scores for 9- and 13-year-olds were higher in 1999 than they were in 1971 (table 110). However, there were no detectable differences between their 1999 and 1984 scores. There was no detectable difference in the reading performance of 17-year-olds in 1999 compared to 1971.

Black 9-, 13-, and 17-year-olds exhibited higher reading performance in 1999 than in 1971. However, the performance of Black 9-, 13-, and 17-year-olds was not significantly different in 1999 from that in 1984. The performance levels of White 9- and 13-year-olds also rose between 1971 and 1999. Separate data for Hispanics were not gathered in 1971, but changes between 1975 and 1999 indicate an increase in performance among 9-, 13-, and 17-year-olds. There was no significant difference between the 1984 and 1999 reading performance of 9-, 13-, and 17-year-old Hispanics.

The 2003 NAEP reading assessment of states found that reading proficiency varied widely among fourth-graders in the 53 participating jurisdictions (50 states, Department of Defense overseas and domestic schools, and the District of Columbia) (table 114). The U.S. average score was 216. The scores for the participating jurisdictions ranged from 188 in the District of Columbia and 203 in New Mexico to 228 in New Hampshire, Massachusetts, and Connecticut.

Mathematics

Results from NAEP assessments of mathematics proficiency indicate that the scores of 9-, 13-, and 17-year-old students were higher in 1999 than in 1973 (table 121). This pattern was similar for White, Black, and Hispanic students.

The 2003 NAEP assessment of states found that mathematics proficiency varied widely among public school eighth-graders in the 53 participating jurisdictions (50 states, Department of Defense overseas and domestic schools, and the District of Columbia) (table 125). Overall, 67 percent of these eighth-grade students performed at or above the *Basic* level in mathematics, and 27 percent performed at or above the *Proficient* level. Mississippi and the District of Columbia had significantly fewer than 50 percent of students performing at least at the *Basic* level in math.

Science

Long-term changes in science performance on the NAEP assessments have been mixed, though scores during the 1990s were stable for two out of the three age groups (table 127). Among 17-year-olds, science performance was lower in 1999 than in 1969, but higher than in 1990. No difference was detected between the science performance of 13-year-olds in 1999 compared to 1970 or 1990. The science performance of 9-year-olds increased between 1970 and 1999, but there was no significant difference between 1990 and 1999.

International Comparisons

The Trends in International Mathematics and Science Study–Repeat (TIMSS–R), which was conducted in 1999 (4 years after the original TIMSS), focuses on the mathematics and science achievement of eighth-graders in 38 countries. In TIMSS–R, the average scores of the 38 participating countries in mathematics and science were 487 and 488, respectively (tables 403 and 409). In 1999, U.S. eighth-graders' average scores in TIMSS–R were higher in both mathematics and science than the averages of the 38 countries. In mathematics, the average U.S. score was higher than the score in 17 countries, no different from the score in 6 countries, and lower than the score in 14 countries (ranked data not shown). In science, the average U.S. score was higher than the score in 18 countries, no different from the score in 5 countries, and lower than the score in 14 countries in 1999 (ranked data not shown).

Postsecondary Education

College Enrollment

College enrollment hit a record level of 15.9 million in fall 2001. Another record of 16.4 million is anticipated for fall 2003 (table 3). Enrollment is expected to increase by an additional 11 percent between 2003 and 2013. Despite decreases in the traditional college-age population during the late 1980s and early 1990s, total enrollment increased during the late 1980s and early 1990s (tables 15, 174, and 176). Between 1991 and 2001, the number of full-time students increased by 16 percent compared to a 4 percent increase in part-time students (table 174).

Faculty and Staff

In the fall of 2001, there were 1.1 million faculty members in degree-granting institutions (table 227), including 0.6 million full-time and 0.5 part-time faculty. In 1998, full-time instructional faculty and staff generally taught more hours and more students than part-time instructors (tables 232 and 233). About 21 percent of full-time faculty taught 15 or more hours per week, compared with 9 percent of part-time faculty. About 13 percent of full-time faculty taught 150 or more students, compared with 4 percent of part-time faculty.

Graduates, Degrees, and Attainment

The estimated number of high school graduates in 2002–03 totaled 3.0 million (tables 102 and 103), including 2.7 million public school graduates and 0.3 million private school graduates. The number of high school graduates is lower than its peak in 1976–77, when 3.2 million students earned diplomas. In contrast, the number of General Educational Development (GED) credentials issued rose from 332,000 in 1977 to 648,000 in 2001 (table 105). The dropout rate also declined over this period, from 14 percent of all 16- to 24-year-olds in 1977 to 11 percent in 2001 (table 107). The number of postsecondary degrees conferred during the 2002-03 school year by degree level has been projected: 662,000 associate's degrees; 1,311,000 bachelor's degrees; 492,000 master's degrees; 80,400 first-professional degrees; and 43,300 doctor's degrees (table 249).

The U.S. Census Bureau collects annual statistics on the educational attainment of the population. Between 1990 and 2002, the proportion of the adult population 25 years of age and over who had completed high school rose from 78 percent to 84 percent, and the proportion of adults with a bachelor's degree increased from 21 percent to 27 percent (table 8). Over the same period, the proportion of

young adults (25- to 29-year-olds) completing bachelor's degrees rose from 23 percent to 29 percent.

Education Expenditures

Expenditures for public and private education, from kindergarten through graduate school (excluding postsecondary schools not awarding associate's or higher degrees), are estimated at \$780 billion for 2001–02 (table 29). Expenditures of elementary and secondary schools are expected to total \$463 billion, while those of colleges and universities are expected to total \$317 billion. Total expenditures for education are expected to amount to 7.7 percent of the gross domestic product in 2001–02, about 0.5 percentage points higher than in 1991–92 (table 29).

NOTE: Readers should be aware of the limitations of statistics. These limitations vary with the exact nature of a particular survey. For example, estimates based on a sample of institutions will differ somewhat from the figures that would have been obtained if a complete census had been taken using the same survey procedures. Standard errors are available for sample survey data appearing in this report. In many cases, standard errors for all items appear in the printed table. In other cases, only standard errors for key items appear in the printed table. For some tables, standard errors are available from NCES upon request. Although some of the surveys conducted by NCES are census-type surveys, all surveys are subject to design, reporting, and processing errors and errors due to nonresponse. Differences in sampling, data collection procedures, coverage of target population, timing, phrasing of questions, scope of nonresponse, interviewer training, and data processing, and coding, and so forth mean that the results from the different sources may not be strictly comparable. More information on survey methodologies can be found in the Guide to Sources in the appendix. Unless noted otherwise, all financial data in this report are in current dollars, not adjusted for changes in the purchasing power of the dollar. Price indexes for inflation adjustments can be found in table 35.

Common data elements are collected in different ways in different surveys. Since the Digest relies on a number of data sources, there are discrepancies in definitions and data across tables in the volume. For example, several different surveys collect data on public school enrollment, and while similar, are not exactly the same figures. The definitions of racial/ethnic groups also differ across surveys, particularly with respect to whether Hispanic origin is considered an ethnic group, regardless of race, or counted separately as a racial/eth-

nic group. Individual tables note the definitions used in the given studies.

All statements cited in the text about differences between two or more groups or changes over time were tested for statistical significance and are sta-

tistically significant at the .05 level. Two test procedures were used primarily, depending on the nature of the statement tested. The most commonly used test procedures were: t-tests and linear trend tests.

Guide to Tabular Presentation

This section is intended to assist the reader in following the basic structure of the *Digest* tables and to provide a legend for some of the common symbols and indexes used throughout the book. Unless otherwise noted, all data are for the 50 states and the District of Columbia.

Unit indicator Informs the reader of the measurement unit in the table—"In thousands," "In millions of dollars," etc. Noted below the title unless several units are used, in which case the unit indicators are generally given in the spanner or individual column heads.

Spanner Describes a group of two or more columns.

Column head Describes specific column.

Stub Describes a row or a group of rows. Each stub row is followed by a number of dots (leaders).

Field The area of the table which contains the data elements.

Table Components

Title Describes the table content concisely.

Example of Table Structure

Table Number and Title { **Table 0. Total enrollment in institutions of higher education, by type and control of institution: Selected years, fall 1979 to fall 1985**

Unit Indicator → [In thousands]

Type and control of institution	Year					Percent change, 1979 to 1985
	1979	1981	1983	1985		
1	2	3	4	5	6	
All institutions	11,570	12,372	12,465	12,247	5.85	
Universities	2,840	2,901	2,889	2,871	1.10	
Other 4-year institutions	4,514	4,754	4,852	4,845	7.35	
2-year institutions	4,217	4,716	4,723	4,531	7.46	
Public institutions	9,037	9,647	9,683	9,479	4.90	
Universities	2,100	2,152	2,155	2,141	1.98	
Other 4-year institutions	2,880	3,014	3,069	3,068	6.52	
2-year institutions	4,057	4,481	4,459	4,270	5.25	
Private institutions	2,533	2,725	2,782	2,768	9.27	
Universities	740	749	734	730	-1.42	
Other 4-year institutions	1,633	1,740	1,784	1,777	8.80	
2-year institutions	160	236	264	261	163.49	

Footnote → 'Large percentage increase is due primarily to the addition of colleges accredited by the National Association of Trade and Technical Schools in 1980 and 1981.

Note → NOTE: Includes undergraduate, graduate, first-professional, and unclassified students.

Source → SOURCE: U.S. Department of Education, National Center for Education Statistics, "Fall Enrollment in Colleges and Universities" survey. (This table was prepared July 1986.)

Special notes Symbols used to indicate why data do not appear in designated cell.

Footnote Describes a unique circumstance relating to a specific item within the table. Usually listed below the bottom rule of the table.

Note Furnishes general information that relates to the entire table.

Source The document or reference from which the data are drawn. This note may also include the organizational unit responsible for preparing the data.

Descriptive Terms

Average A number that is used to represent the “typical value” of a group of numbers. It is regarded as a measure of “location” or “central tendency” of a group of numbers.

Arithmetic mean is the most commonly used average. It is derived by summing the individual item values of a particular group and dividing that sum by the number of items. This value is often referred to simply as the “mean” or “average.”

Median is the measure of central tendency that occupies the middle position in a rank order of values. It generally has the same number of items above it as below it. If there is an even number of items in the group, the median is the average of the middle two items.

Per capita, or per person, figure represents an average computed for every person in a specified group, or population. It is derived by dividing the total for an item (such as income or expenditures) by the number of persons in the specified population.

Index number A value that provides a means of measuring, summarizing, and communicating the nature of changes that occur from time to time or from place to place. An index is used to express changes in prices over periods of time, but may also be used to express differences between related subjects at a single point in time.

The *Digest* most often uses the Consumer Price Index to compare purchasing power over time.

To compute a price index, a base year or period is selected. The base year price is then designated as the base or reference price to which the prices for other years or periods are related.

A method of expressing the price relationship is:

$$\text{Index number} = \frac{\text{Price of a set of one or more items for related year}}{\text{Price of the same set of items for base year}} \times 100$$

When 100 is subtracted from the index number, the result equals the percent change in price from the base year.

Current and constant dollars are used in a number of tables to express finance data. Unless otherwise noted, all figures are in current dollars, not adjusted for inflation. Constant dollars provide a measure of the impact of inflation on the current dollars.

Current dollar figures reflect actual prices or costs prevailing during the specified year(s).

Constant dollar figures attempt to remove the effects of price changes (inflation) from statistical series reported in dollar terms.

The constant dollar value for an item is derived by dividing the base year price index (for example, the Consumer Price Index for 1999) by the price index for the year of data to be adjusted and multiplying by the item to be adjusted. The result is an adjusted dollar value as it would presumably exist if prices were the same as the base year—in other words, as if the dollar had constant purchasing power. Any changes in the constant dollar amounts would reflect only changes in the real values.

NOTE: Tables may not include data for all years implied in table titles. When this is the case, the title will include the term “Selected years.”

CHAPTER 1

All Levels of Education

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

Figure 1 shows the structure of education in the United States. It presents the three levels of formal education (elementary, secondary, and postsecondary) and gives the approximate age range of persons at the elementary and secondary levels. Students ordinarily spend from 6 to 8 years in the elementary grades, which may be preceded by 1 to 3 years in nursery school and kindergarten. The elementary school program is followed by a 4- to 6-year program in secondary school. Students normally complete the entire program through grade 12 by age 18.

High school graduates who decide to continue their education may enter a technical or vocational institution, a 2-year community or junior college, or a 4-year college or university. A 2-year college normally offers the first 2 years of a standard 4-year college curriculum and a selection of terminal vocational programs. Academic courses completed at a 2-year college are usually transferable for credit at a 4-year college or university. A technical or vocational institution offers postsecondary technical training leading to a specific career.

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

Professional schools differ widely in admission requirements and in program length. Medical students, for example, generally complete a 4-year program of premedical studies at a college or university before

they can enter the 4-year program at a medical school. Law programs normally require 3 years of coursework beyond the bachelor's degree level.

Many of the statistics in this chapter are derived from the statistical activities of NCES. In addition, substantial contributions have been drawn from the work of other groups, both governmental and non-governmental, as shown in the source notes of the appropriate tables. Information on survey methodologies is contained in the Guide to Sources in the appendix and in the publications cited in the source notes.

Enrollment and Teachers

Enrollment in elementary and secondary schools grew rapidly during the 1950s and 1960s and reached a peak in 1971 (table 3 and figure 2). This enrollment rise was caused by what is known as the "baby boom," a dramatic increase in births following World War II. From 1971 to 1984, total elementary and secondary school enrollment decreased every year, reflecting the decline in the school-age population over that period. After these years of decline, enrollment in elementary and secondary schools started increasing in fall 1985, and began hitting new record enrollment levels in the mid-1990s.

Public school enrollment in prekindergarten through grade eight rose from 29.9 million in fall 1990 to 34.0 million in 2001, with a projected enrollment of 33.8 million in fall 2003 (table 3). Enrollment in the upper grades rose from 11.3 million in 1990 to 13.7 million in 2001, with a projected enrollment of 14.2 million in 2003. The growing numbers of young pupils who have been filling the elementary schools will cause some increases at the secondary school level through 2007. Between fall 2003 and fall 2005, public elementary enrollment is expected to decrease slightly, and then increase again between 2005 and 2013. Public secondary enrollment is projected to rise through 2007, and then decline. Overall, school enrollment is projected to set new records every year until 2013, the last year for which NCES has projected school enrollment.

The proportion of students in private elementary and secondary schools has changed little over the past 10 years, remaining between 11 and 12 percent (table 3). The percentage of college students who at-

tended private colleges and universities ranged between 21 and 24 percent between 1993 and 2003. In 2003, a projected 6.3 million students were enrolled in private schools at the elementary and secondary levels and 3.8 million students were in degree-granting institutions.

College enrollment peaked at 14.5 million in fall 1992 and decreased to 14.3 million in fall 1995, but has increased since then (table 3). Total college enrollment is expected to increase for the next 10 years, as increasing numbers of high school graduates pursue postsecondary education.

School attendance rates among 5- and 6-year-olds, and 14- to 17-year-olds remained relatively steady between 1992 and 2002; however, the rates for 7- to 13-year-olds dropped by about 1 percentage point (table 7). The proportion of 20- to 24-year-olds enrolled in school rose from 32 percent to 34 percent during the same time period. The increase in the overall enrollment rate for the 3- to 34-year-old population reflects, in part the changing age distribution of the population, and to some extent, changes in enrollment rates at specific ages.

Educational attainment has risen in the adult population. In 2002, 84 percent of the population 25 years old and over had completed high school and 27 per-

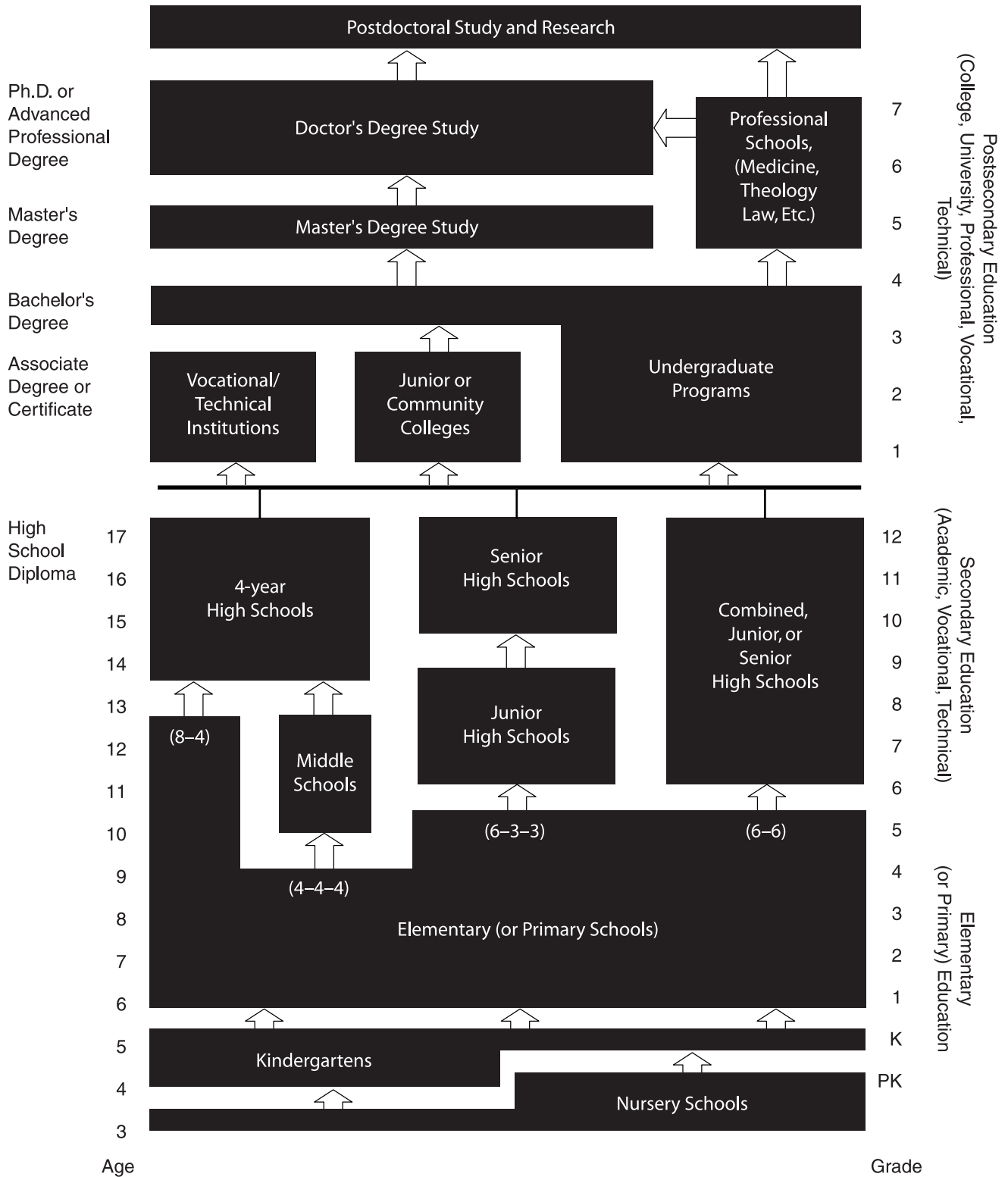
cent had completed 4 or more years of college (table 8 and figure 3). This is higher than in 1990, when 78 percent had completed high school and 21 percent had 4 years of college. In 2002, about 6 percent of persons 25 years old or over held a master's degree as their highest degree, 2 percent held a professional degree (e.g., medicine or law), and 1 percent held a doctor's degree (table 9 and figure 5).

An estimated 3.4 million elementary and secondary school teachers were engaged in classroom instruction in the fall of 2003 (table 4). This number has risen about 22 percent since 1990. The number of public school teachers in 2003 was about 3.0 million and the number in private schools was estimated at 0.4 million.

Expenditures

Education expenditures rose to an estimated high of \$780 billion in the 2001–02 school year (table 29). Elementary and secondary schools spent about 59 percent of this total, and colleges and universities accounted for the remaining 41 percent. Elementary and secondary schools and colleges and universities spent an estimated 7.7 percent of the gross domestic product in 2001–02.

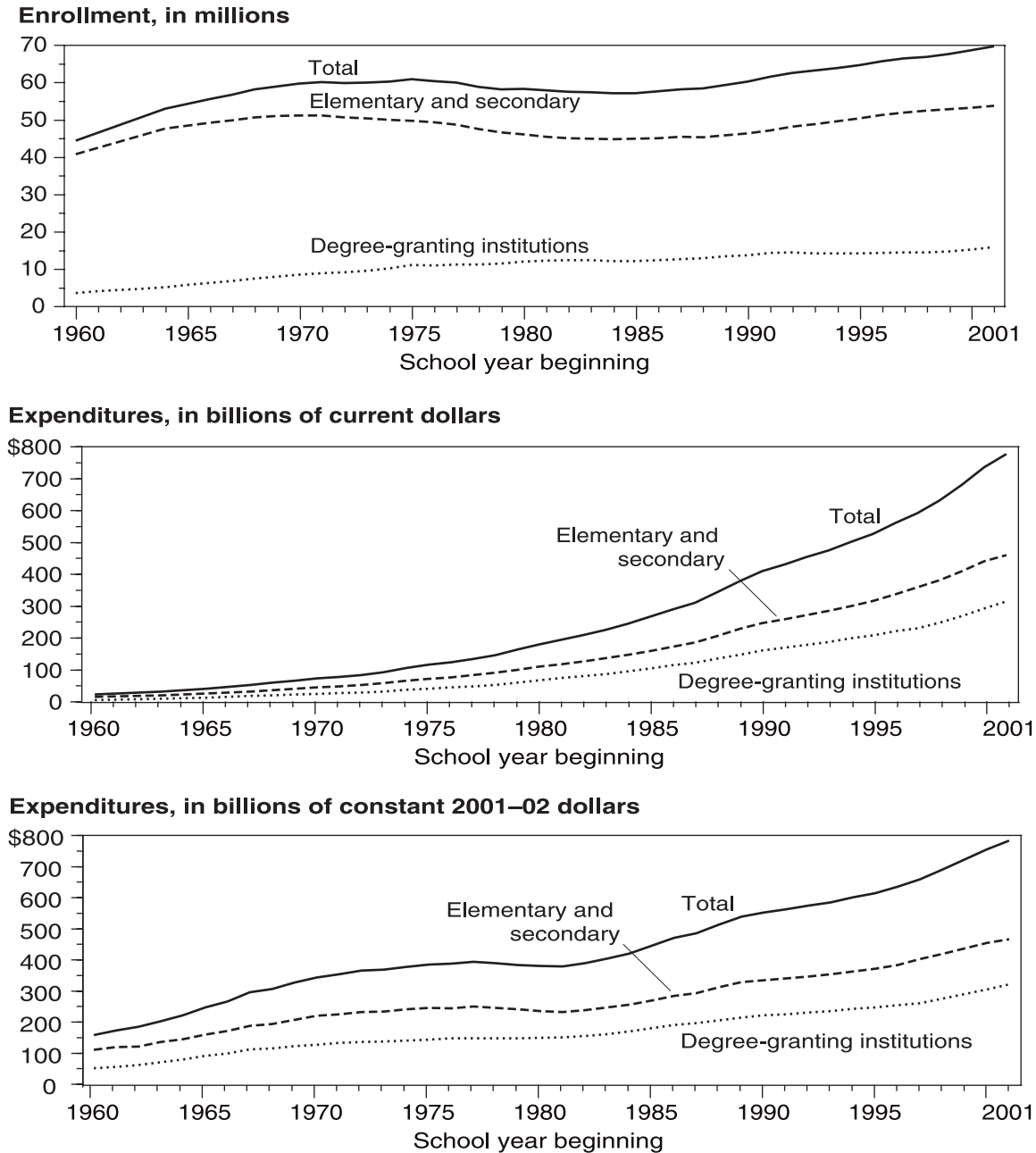
Figure 1. The structure of education in the United States



NOTE: Adult education programs, while not separately delineated above, may provide instruction at the elementary, secondary, or postsecondary education level. Chart reflects typical patterns of progression rather than all possible variations.

SOURCE: U.S. Department of Education, National Center for Education Statistics.

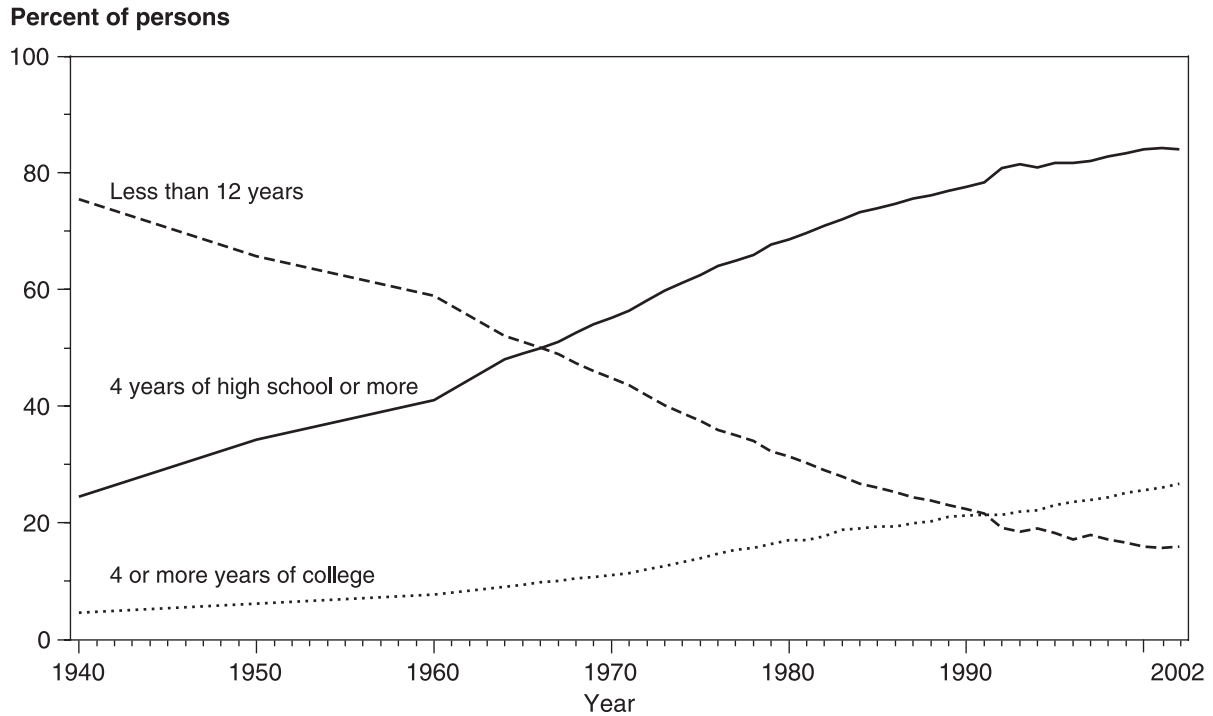
Figure 2. Enrollment and total expenditures in current and constant dollars, by level of education: 1960–61 to 2001–02



NOTE: Data for 2001–02 are estimates.

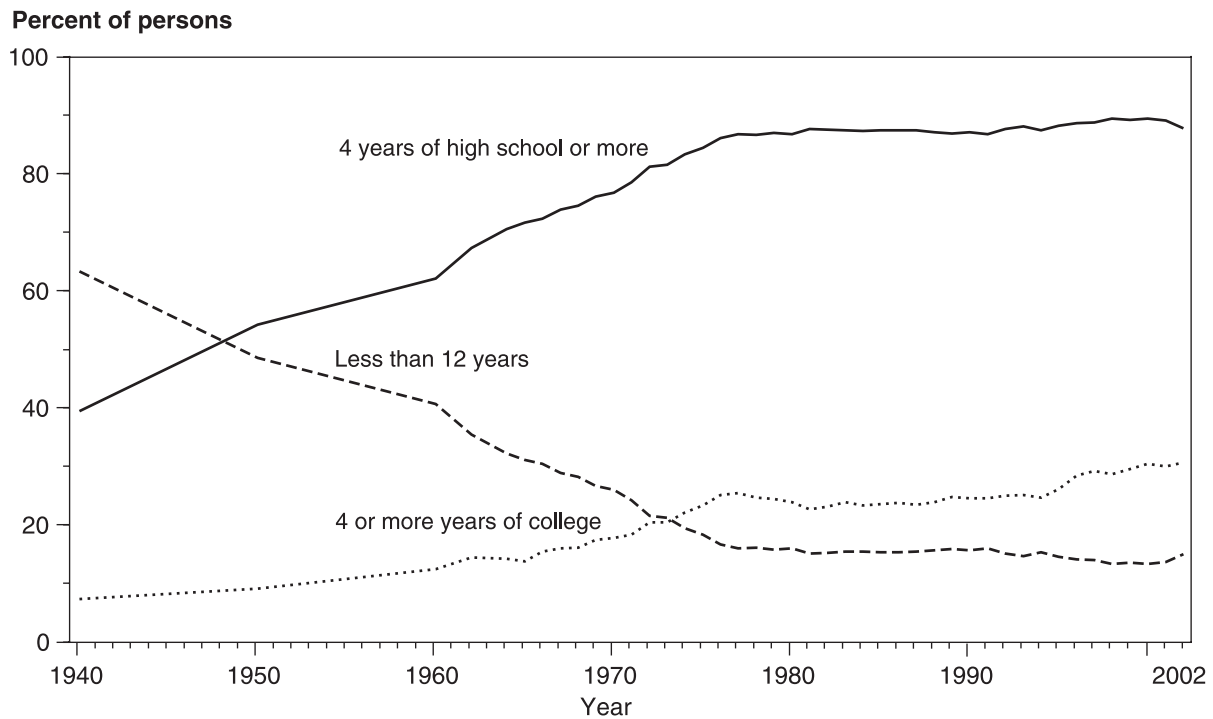
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, 1959–60 through 1969–70; *Statistics of Public Elementary and Secondary School Systems*, 1970 through 1980; *Revenues and Expenditures for Public Elementary and Secondary Education*, 1970–71 through 1987–88; *The NCES Common Core of Data (CCD)*, “*State Nonfiscal Survey of Public Elementary and Secondary Education*,” 1981–82 through 2001–02; “*National Public Education Financial Survey*,” 1988–89 through 2000–01; *Statistics of Nonpublic Elementary and Secondary Schools*, 1970–71 through 1980; “*Private School Universe Survey (PSS)*,” 1989–90 through 1999–2000; *Fall Enrollment in Institutions of Higher Education*, 1959–60 through 1985–86; *Financial Statistics of Institutions of Higher Education*, 1959–60 through 1995–96; Integrated Postsecondary Education Data System (IPEDS), “*Fall Enrollment*” surveys, 1986 through 1999, and Spring 2001 and 2002 surveys, and Fall 2001 and 2002 surveys; and *Projections of Education Statistics to 2013*.

Figure 3. Years of school completed by persons 25 years old and over: 1940 to 2002



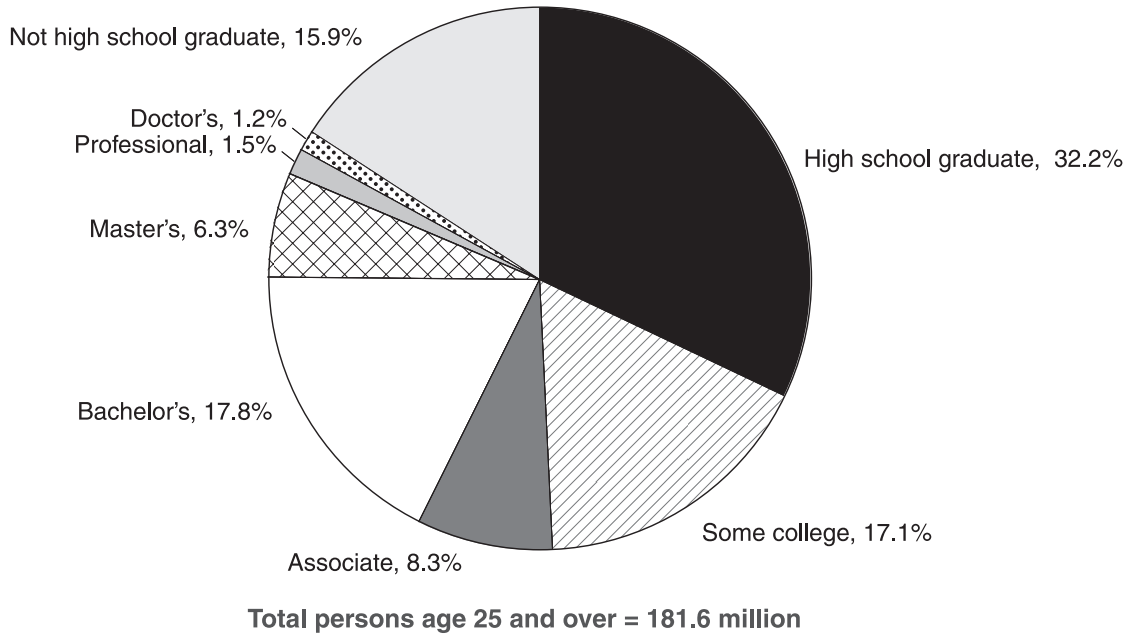
SOURCE: U.S. Department of Commerce, Bureau of the Census, *1960 Census of Population*, Volume 1, part 1; and *Current Population Reports, Series P-20, Educational Attainment in the United States*, various years; and *Current Population Survey*, unpublished data.

Figure 4. Years of school completed by persons 25 to 29 years of age: 1940 to 2002



SOURCE: U.S. Department of Commerce, Bureau of the Census, *1960 Census of Population*, Volume 1, part 1; and *Current Population Reports, Series P-20, Educational Attainment in the United States*, various years; and *Current Population Survey*, unpublished data.

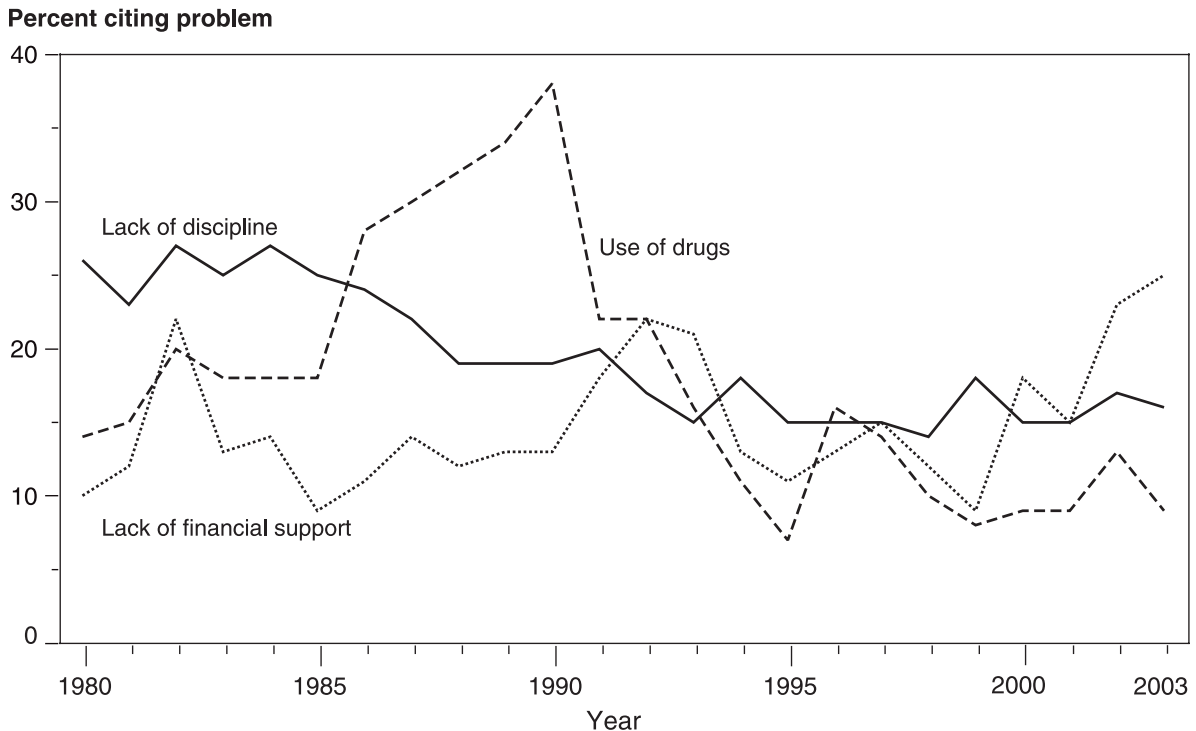
Figure 5. Highest level of education attained by persons 25 years of age and older: March 2002



NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey (CPS), March 2002, unpublished data.

Figure 6. Items most frequently cited by the public as a major problem facing the local public schools: 1980 to 2003



SOURCE: "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," *Phi Delta Kappan*, 1980 to 2003.

Table 1. Projected number of participants in educational institutions, by level and control of institution: Fall 2003
[In millions]

Participants	All levels (elementary, secondary, and degree-granting)	Elementary and secondary schools			Degree-granting institutions		
		Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8
Total	79.7	60.9	53.9	6.8	18.9	14.3	4.6
Enrollment	70.7	54.3	48.0	6.3	16.4	12.5	3.8
Teachers and faculty	4.2	3.4	3.0	0.4	0.8	0.6	0.3
Other professional, administrative, and support staff	4.8	3.1	2.9	0.2	1.7	1.2	0.5

NOTE: Includes enrollments in local public school systems and in most private schools (religiously affiliated and nonsectarian). Excludes subcollegiate departments of institutions of higher education and federal schools. Elementary and secondary includes most kindergarten and some nursery school enrollment. Excludes preprimary enrollment in schools that do not offer first grade or above. Degree-granting institutions include full-time and part-time students enrolled in degree-credit and nondegree-credit programs in universities, other 4-year colleges, and 2-year colleges that participated in Title IV fed-

eral financial aid programs. Data for teachers and other staff in public and private elementary and secondary schools and colleges and universities are reported in terms of full-time equivalents. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Projections of Education Statistics to 2013*; and unpublished projections and estimates. (This table was prepared September 2003.)

Table 2. Enrollment in educational institutions, by level and control of institution: Selected years, fall 1980 to fall 2005
[In thousands]

Level of instruction and type of control	Fall 1980	Fall 1985	Fall 1990	Fall 1994	Fall 1995	Fall 1996	Fall 1997	Fall 1998	Fall 1999	Fall 2000	Fall 2001 ¹	Projected fall 2002	Projected fall 2003	Projected fall 2005
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
All levels	58,305	57,226	60,269	63,888	64,764	65,743	66,470	66,982	67,667	68,678	69,818	70,260	70,657	71,294
Public	50,335	48,901	52,061	55,245	55,933	56,732	57,323	57,676	58,167	58,956	59,921	60,271	60,586	61,090
Private	7,971	8,325	8,208	8,643	8,831	9,011	9,147	9,306	9,500	9,722	9,897	9,990	10,070	10,204
Elementary and secondary education ²	46,208	44,979	46,451	49,609	50,502	51,375	51,968	52,475	52,876	53,366	53,890	54,158	54,296	54,615
Public	40,877	39,422	41,217	44,111	44,840	45,611	46,127	46,539	46,857	47,204	47,688	47,918	48,040	48,304
Private	5,331	5,557	5,234	5,498	5,662	5,764	5,841	5,937	6,018	6,162	6,202	6,241	6,256	6,311
Prekindergarten to grade 8	31,639	31,229	33,962	36,233	36,806	37,315	37,696	38,048	38,253	38,563	38,832	38,827	38,719	38,412
Public	27,647	27,034	29,878	31,898	32,341	32,764	33,073	33,346	33,488	33,688	33,952	33,942	33,843	33,534
Private	3,992	4,195	4,084	4,335	4,465	4,551	4,623	4,702	4,765	4,875	4,880	4,885	4,876	4,878
Grades 9 to 12	14,570	13,750	12,488	13,376	13,697	14,060	14,272	14,428	14,623	14,802	15,058	15,331	15,577	16,203
Public	13,231	12,388	11,338	12,213	12,500	12,847	13,054	13,193	13,369	13,515	13,736	13,976	14,198	14,770
Private	1,339	1,362	1,150	1,163	1,197	1,213	1,218	1,235	1,254	1,287	1,322	1,356	1,379	1,433
Degree-granting institutions ⁴	12,097	12,247	13,819	14,279	14,262	14,368	14,502	14,507	14,791	15,312	15,928	16,102	16,361	16,679
Public	9,457	9,479	10,845	11,134	11,092	11,120	11,196	11,138	11,309	11,753	12,233	12,354	12,546	12,786
Undergraduate	8,442	8,477	9,710	9,945	9,904	9,935	10,007	9,950	10,110	10,539	10,986	11,058	11,229	11,447
First-professional	114	112	112	114	115	117	118	121	123	124	128	134	137	140
Graduate	901	890	1,023	1,075	1,074	1,069	1,070	1,067	1,077	1,089	1,119	1,162	1,181	1,199
Private	2,640	2,768	2,974	3,145	3,169	3,247	3,306	3,369	3,482	3,560	3,695	3,749	3,814	3,893
Undergraduate	2,033	2,120	2,250	2,317	2,328	2,392	2,443	2,487	2,571	2,616	2,730	2,771	2,820	2,882
First-professional	163	162	162	181	183	182	180	182	180	183	181	198	203	207
Graduate	443	486	563	647	659	674	683	701	730	761	784	779	792	804

¹ Private elementary and secondary education data are projected.

² Includes enrollments in local public school systems and in most private schools (religiously affiliated and nonsectarian). Excludes home-schooled children. Based on the National Household Education Survey, the home-schooled children numbered approximately 850,000 in the spring of 1999. Excludes preprimary pupils in schools that do not offer first grade or above.

³ Estimated.

⁴ Beginning in 1996-97, data are for degree-granting institutions. All other years are for institutions of higher education.

NOTE: Degree-granting enrollment projections are based on the middle alternative projections published by the National Center for Education Statistics. Data for degree-granting institutions for 1999 were imputed using alternative procedures. (See Guide to

Sources for details.) Detail may not sum to totals due to rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems, 1980*; The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 1985-86 through 2001-02; Private School Universe Survey (PSS), 1995-96 through 1999-2000; *Projections of Education Statistics to 2013*; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys, 1980 and 1985; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1990 through 1999, and Spring 2001 and 2002. (This table was prepared September 2003.)

Table 3. Enrollment in educational institutions, by level and control of institution: Selected years, 1869–70 to fall 2013

[In thousands]

Year	Total enrollment, all levels	Elementary and secondary, total	Public elementary and secondary schools			Private elementary and secondary schools ¹			Degree-granting institutions ²		
			Total	Pre-kindergarten through grade 8	Grades 9 through 12	Total	Pre-kindergarten through grade 8	Grades 9 through 12	Total	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12
1869–70	—	—	6,872	6,792	80	—	—	—	52	—	—
1879–80	—	—	9,868	9,757	110	—	—	—	116	—	—
1889–90	14,491	14,334	12,723	12,520	203	1,611	1,516	95	157	—	—
1899–1900	17,092	16,855	15,503	14,984	519	1,352	1,241	111	238	—	—
1909–10	19,728	19,372	17,814	16,899	915	1,558	1,441	117	355	—	—
1919–20	23,876	23,278	21,578	19,378	2,200	1,699	1,486	214	598	—	—
1929–30	29,430	28,329	25,678	21,279	4,399	2,651	2,310	341	1,101	—	—
1939–40	29,539	28,045	25,434	18,832	6,601	2,611	2,153	458	1,494	797	698
1949–50	31,151	28,492	25,111	19,387	5,725	3,380	2,708	672	2,659	1,355	1,304
Fall 1959	44,497	40,857	35,182	26,911	8,271	5,675	4,640	1,035	3,640	2,181	1,459
Fall 1969	59,055	51,050	45,550	32,513	13,037	³ 5,500	³ 4,200	³ 1,300	8,005	5,897	2,108
Fall 1970	59,838	51,257	45,894	32,558	13,336	5,363	4,052	1,311	8,581	6,428	2,153
Fall 1971	60,220	51,271	46,071	32,318	13,753	³ 5,200	³ 3,900	³ 1,300	8,949	6,804	2,144
Fall 1972	59,941	50,726	45,726	31,879	13,848	³ 5,000	³ 3,700	³ 1,300	9,215	7,071	2,144
Fall 1973	60,047	50,445	45,445	31,401	14,044	³ 5,000	³ 3,700	³ 1,300	9,602	7,420	2,183
Fall 1974	60,297	50,073	45,073	30,971	14,103	³ 5,000	³ 3,700	³ 1,300	10,224	7,989	2,235
Fall 1975	61,004	49,819	44,819	30,515	14,304	³ 5,000	³ 3,700	³ 1,300	11,185	8,835	2,350
Fall 1976	60,490	49,478	44,311	29,997	14,314	5,167	3,825	1,342	11,012	8,653	2,359
Fall 1977	60,003	48,717	43,577	29,375	14,203	5,140	3,797	1,343	11,286	8,847	2,439
Fall 1978	58,897	47,637	42,551	28,463	14,088	5,086	3,732	1,353	11,260	8,786	2,474
Fall 1979	58,221	46,651	41,651	28,034	13,616	³ 5,000	³ 3,700	³ 1,300	11,570	9,037	2,533
Fall 1980	58,305	46,208	40,877	27,647	13,231	5,331	3,992	1,339	12,097	9,457	2,640
Fall 1981	57,916	45,544	40,044	27,280	12,764	³ 5,500	³ 4,100	³ 1,400	12,372	9,647	2,725
Fall 1982	57,591	45,166	39,566	27,161	12,405	³ 5,600	³ 4,200	³ 1,400	12,426	9,696	2,730
Fall 1983	57,432	44,967	39,252	26,981	12,271	5,715	4,315	1,400	12,465	9,683	2,782
Fall 1984	57,150	44,908	39,208	26,905	12,304	³ 5,700	³ 4,300	³ 1,400	12,242	9,477	2,765
Fall 1985	57,226	44,979	39,422	27,034	12,388	5,557	4,195	1,362	12,247	9,479	2,768
Fall 1986	57,709	45,205	39,753	27,420	12,333	³ 5,452	³ 4,116	³ 1,336	12,504	9,714	2,790
Fall 1987	58,253	45,487	40,008	27,933	12,076	5,479	4,232	1,247	12,767	9,973	2,793
Fall 1988	58,485	45,430	40,189	28,501	11,687	³ 5,242	³ 4,036	³ 1,206	13,055	10,161	2,894
Fall 1989	59,279	45,741	40,543	29,152	11,390	³ 5,198	³ 4,035	³ 1,163	13,539	10,578	2,961
Fall 1990	60,269	46,451	41,217	29,878	11,338	5,234	4,084	1,150	13,819	10,845	2,974
Fall 1991	61,681	47,322	42,047	30,506	11,541	³ 5,275	³ 4,113	³ 1,162	14,359	11,310	3,049
Fall 1992	62,633	48,145	42,823	31,088	11,735	³ 5,322	³ 4,175	³ 1,147	14,487	11,385	3,103
Fall 1993	63,118	48,813	43,465	31,504	11,961	³ 5,348	³ 4,215	³ 1,132	14,305	11,189	3,116
Fall 1994	63,888	49,609	44,111	31,898	12,213	³ 5,498	³ 4,335	³ 1,163	14,279	11,134	3,145
Fall 1995	64,764	50,502	44,840	32,341	12,500	5,662	4,465	1,197	14,262	11,092	3,169
Fall 1996	65,743	51,375	45,611	32,764	12,847	³ 5,764	³ 4,551	³ 1,213	14,368	11,120	3,247
Fall 1997	66,470	51,968	46,127	33,073	13,054	5,841	4,623	1,218	14,502	11,196	3,306
Fall 1998	66,982	52,475	46,539	33,346	13,193	³ 5,937	³ 4,702	³ 1,235	14,507	11,138	3,369
Fall 1999	67,667	52,876	46,857	33,488	13,369	6,018	4,765	1,254	14,791	11,309	3,482
Fall 2000	68,678	53,366	47,204	33,688	13,515	4,612	4,875	4 ¹ ,287	15,312	11,753	3,560
Fall 2001	69,818	53,890	47,688	33,952	13,736	4,620	4,880	4 ¹ ,322	15,928	12,233	3,695
Fall 2002 ⁴	70,260	54,158	47,918	33,942	13,976	6,241	4,885	1,356	16,102	12,354	3,749
Fall 2003 ⁴	70,657	54,296	48,040	33,843	14,198	6,256	4,876	1,379	16,361	12,546	3,814
Fall 2004 ⁴	70,923	54,455	48,175	33,669	14,506	6,279	4,871	1,408	16,468	12,627	3,841
Fall 2005 ⁴	71,294	54,615	48,304	33,534	14,770	6,311	4,878	1,433	16,679	12,786	3,893
Fall 2006 ⁴	71,794	54,907	48,524	33,589	14,936	6,383	4,933	1,449	16,887	12,942	3,945
Fall 2007 ⁴	72,069	55,049	48,640	33,654	14,986	6,409	4,950	1,458	17,020	13,042	3,978
Fall 2008 ⁴	72,292	55,124	48,690	33,791	14,899	6,434	4,975	1,459	17,168	13,153	4,015
Fall 2009 ⁴	72,597	55,223	48,761	33,994	14,767	6,461	5,001	1,461	17,374	13,308	4,066
Fall 2010 ⁴	72,927	55,386	48,890	34,243	14,648	6,495	5,040	1,455	17,541	13,431	4,110
Fall 2011 ⁴	73,342	55,618	49,084	34,597	14,487	6,534	5,091	1,443	17,724	13,566	4,158
Fall 2012 ⁴	73,873	55,946	49,367	35,006	14,361	6,579	5,148	1,430	17,927	13,716	4,211
Fall 2013 ⁴	74,515	56,364	49,737	35,430	14,307	6,627	5,208	1,419	18,151	13,883	4,268

—Not available.

¹Beginning in fall 1980, data include estimates for an expanded universe of private schools. Therefore, direct comparisons with earlier years should be avoided.

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

³Estimated.

⁴Projected.

NOTE: Elementary and secondary enrollment includes pupils in local public school systems and in most private schools (religiously affiliated and nonsectarian), but generally excludes pupils in subcollegiate departments of colleges, federal schools, and home-schooled children. Based on the National Household Education Survey, the home-schooled children numbered approximately 850,000 in the spring of 1999. Public elementary enrollment includes most preprimary school pupils. Private elementary enrollment includes some preprimary students. Beginning in 1996–97, data are for degree-granting institutions. Degree-granting institutions are 2-year and 4-year institutions that

were eligible to participate in Title IV federal financial aid programs. Data for degree-granting institutions for 1999 were imputed using alternative procedures. (See Guide to Sources for details.) Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Reports of the Commissioner of Education, 1870 to 1910; Biennial Survey of Education in the United States, 1919–20 through 1949–50; Statistics of Public Elementary and Secondary School Systems, 1959 through 1980; The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 1981–82 through 2001–02; Private School Universe Survey (PSS), 1989–90 through 1999–2000; Projections of Education Statistics to 2013; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys, 1969 through 1985; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and 2002. (This table was prepared September 2003.)*

Table 4. Teachers in elementary and secondary schools, and instructional staff in degree-granting institutions, by control of institution: Selected years, fall 1970 to fall 2013

[In thousands]

Year	All levels			Elementary and secondary teachers ¹			Degree-granting institutions instructional staff ²		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8	9	10
1970	2,766	2,373	393	2,292	2,059	233	474	314	160
1975	3,081	2,641	440	2,453	2,198	³ 255	628	443	185
1980	3,171	2,679	492	2,485	2,184	301	³ 686	³ 495	³ 191
1981	3,145	2,636	509	2,440	2,127	³ 313	705	509	196
1982	3,168	2,639	529	2,458	2,133	³ 325	³ 710	³ 506	³ 204
1983	3,200	2,651	549	2,476	2,139	337	724	512	212
1984	3,225	2,673	552	2,508	2,168	³ 340	³ 717	³ 505	³ 212
1985	3,264	2,709	555	2,549	2,206	343	³ 715	³ 503	³ 212
1986	3,314	2,754	560	2,592	2,244	³ 348	³ 722	³ 510	³ 212
1987	3,424	2,831	592	2,631	2,279	³ 352	4 793	4 553	4 240
1988	3,472	2,882	590	2,668	2,323	³ 345	^{3,4} 804	^{3,4} 559	^{3,4} 245
1989	3,558	2,934	624	2,734	2,357	³ 377	4 824	4 577	4 247
1990	3,570	2,972	599	2,753	2,398	³ 355	^{3,4} 817	^{3,4} 574	^{3,4} 244
1991	3,613	3,013	600	2,787	2,432	³ 355	4 826	4 581	4 245
1992	3,699	3,080	620	2,822	2,459	³ 363	^{3,4} 877	^{3,4} 621	^{3,4} 257
1993	3,785	3,154	631	2,870	2,504	³ 366	4 915	4 650	4 265
1994	3,849	3,205	644	2,926	2,552	³ 374	^{3,4} 923	^{3,4} 653	^{3,4} 270
1995	3,910	3,255	655	2,978	2,598	³ 380	4 932	4 657	4 275
1996	4,009	3,339	669	3,054	2,667	³ 387	^{3,4} 954	^{3,4} 672	^{3,4} 282
1997	4,124	3,441	683	3,134	2,746	388	4 990	4 695	4 295
1998	4,221	3,527	694	3,221	2,830	³ 391	^{3,4} 999	^{3,4} 697	^{3,4} 303
1999	4,334	3,624	710	3,306	2,911	395	4 1,028	4 713	4 315
2000	4,399	3,682	716	3,332	2,941	³ 390	^{3,4} 1,067	^{3,4} 741	^{3,4} 326
2001	4,501	3,769	733	3,388	2,998	390	4 1,113	4 771	4 342
2002 ³	—	—	—	3,369	2,983	385	—	—	—
2003 ⁵	—	—	—	3,364	2,980	384	—	—	—
2004 ⁵	—	—	—	3,367	2,983	384	—	—	—
2005 ⁵	—	—	—	3,369	2,983	386	—	—	—
2006 ⁵	—	—	—	3,390	3,001	389	—	—	—
2007 ⁵	—	—	—	3,407	3,016	391	—	—	—
2008 ⁵	—	—	—	3,446	3,051	395	—	—	—
2009 ⁵	—	—	—	3,474	3,076	398	—	—	—
2010 ⁵	—	—	—	3,492	3,091	401	—	—	—
2011 ⁵	—	—	—	3,513	3,110	403	—	—	—
2012 ⁵	—	—	—	3,540	3,133	407	—	—	—
2013 ⁵	—	—	—	3,572	3,162	411	—	—	—

—Not available.

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

²Beginning in 1996–97, data are for degree-granting institutions. Degree-granting institutions are 2-year and 4-year institutions that were eligible to participate in Title IV federal financial aid programs. Includes full-time and part-time faculty with the rank of instructor or above in colleges, universities, professional schools, teachers colleges, and 2-year colleges. Excludes teaching assistants.

³Estimated.

⁴Definitional coverage for this year and later years is not consistent with figures for earlier years.

⁵Projected.

NOTE: Detail may not sum to totals due to rounding. Some data have been revised from previously published figures. Headcounts used to report data for teachers and instructional staff.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, 1970 and 1975; The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1980 through 2001; *Projections of Education Statistics*, various years; Higher Education General Information Survey, (HEGIS), "Fall Staff" survey; Integrated Postsecondary Education Data System (IPEDS), "Fall Staff," 1987 through 1999 and Winter 2001–02 surveys; and U.S. Equal Opportunity Commission (EEO-6), 1981 and 1983; and unpublished data. (This table was prepared September 2003.)

Table 5. Educational institutions, by level and control of institution: Selected years, 1980–81 to 2001–02

Level and control of institution	1980–81	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01	2001–02
1	2	3	4	5	6	7	8	9	10	11	12	13	14
All institutions	117,707	119,242	—	—	121,855	—	124,773	—	126,542	—	128,484	—	—
Elementary and secondary schools ...	106,746	109,228	—	—	111,486	—	114,811	—	116,910	—	119,235	—	—
Elementary	72,659	74,716	—	—	75,591	—	77,909	—	79,362	—	80,661	—	—
Secondary	24,856	23,602	—	—	23,256	—	23,530	—	24,169	—	24,903	—	—
Combined	5,202	8,847	—	—	10,678	—	11,205	—	11,412	—	12,197	—	—
Other ¹	4,029	2,063	—	—	1,962	—	2,167	—	1,967	—	1,474	—	—
Public schools	85,982	84,538	84,578	84,497	85,393	86,221	87,125	88,223	89,508	90,874	92,012	93,273	94,112
Elementary	59,326	59,015	59,258	59,676	60,052	60,808	61,165	61,805	62,739	63,462	64,131	64,601	65,228
Secondary	22,619	21,135	20,767	20,671	20,705	20,904	20,997	21,307	21,682	22,076	22,365	21,994	22,180
Combined	1,743	2,325	2,481	2,549	2,674	2,764	2,796	2,980	3,120	3,721	4,042	5,096	5,288
Other ¹	2,294	2,063	2,072	1,601	1,962	1,745	2,167	2,131	1,967	1,615	1,474	1,582	1,416
Private schools	20,764	24,690	25,998	—	26,093	—	27,686	—	27,402	—	27,223	—	—
Elementary	13,333	15,701	15,716	—	15,539	—	16,744	—	16,623	—	16,530	—	—
Secondary	2,237	2,467	2,475	—	2,551	—	2,533	—	2,487	—	2,538	—	—
Combined	3,459	6,522	7,807	—	8,004	—	8,409	—	8,292	—	8,155	—	—
Other ¹	1,735	(²)	(²)	—	(²)	—	(²)	—	(²)	—	(²)	—	—
Postsecondary institutions	³ 10,961	10,014	9,983	10,601	10,369	10,246	9,962	9,837	9,632	9,485	9,249	9,258	9,256
Public	³ 2,393	2,096	2,129	2,146	2,152	2,179	2,189	2,169	2,252	2,245	2,183	2,230	2,214
Private	³ 8,568	7,918	7,854	8,455	8,217	8,067	7,773	7,668	7,380	7,240	7,066	7,028	7,042
Not-for-profit	³ 2,359	2,808	2,810	2,926	2,890	2,916	2,877	2,855	2,808	2,777	2,723	2,690	2,694
For-profit	³ 6,209	5,110	5,044	5,529	5,327	5,151	4,896	4,813	4,572	4,463	4,343	4,338	4,348
Noncollegiate institutions ⁴	³ 7,730	6,455	6,382	6,963	6,737	6,558	6,256	5,828	5,568	5,437	5,165	5,076	5,059
Public	³ 896	529	531	522	527	538	534	467	545	564	501	532	501
Private	³ 6,834	5,926	5,851	6,441	6,210	6,020	5,722	5,361	5,023	4,873	4,664	4,544	4,558
Not-for-profit	³ 790	1,159	1,148	1,254	1,203	1,214	1,171	1,162	1,101	1,082	1,042	995	1,018
For-profit	³ 6,044	4,767	4,703	5,187	5,007	4,806	4,551	4,199	3,922	3,791	3,622	3,549	3,540
Degree-granting institutions ⁵	3,231	3,559	3,601	3,638	3,632	3,688	3,706	4,009	4,064	4,048	4,084	4,182	4,197
2-year colleges	1,274	1,418	1,444	1,469	1,442	1,473	1,462	1,742	1,755	1,713	1,721	1,732	1,833
Public	945	972	999	1,024	1,021	1,036	1,047	1,088	1,092	1,069	1,068	1,076	1,101
Private	329	446	445	445	421	437	415	654	663	644	653	656	732
Not-for-profit ..	182	167	176	179	181	192	187	184	179	164	150	144	172
For-profit	147	279	269	266	240	245	228	470	484	480	503	512	560
4-year colleges	1,957	2,141	2,157	2,169	2,190	2,215	2,244	2,267	2,309	2,335	2,363	2,450	2,364
Public	552	595	599	600	604	605	608	614	615	612	614	622	612
Private	1,405	1,546	1,558	1,569	1,586	1,610	1,636	1,653	1,694	1,723	1,749	1,828	1,752
Not-for-profit ..	1,387	1,482	1,486	1,493	1,506	1,510	1,519	1,509	1,528	1,531	1,531	1,551	1,504
For-profit	18	64	72	76	80	100	117	144	166	192	218	277	248

—Not available.

¹ Includes special education, alternative, and other schools not classified by grade span. Because of changes in survey definitions, figures for "other" schools are not comparable from year to year.² Included in other private school categories.³ Because of changes in survey procedures, figures are not directly comparable with data for later years.⁴ Institutions not meeting criteria under (⁵) were classified as noncollegiate institutions.⁵ Includes those colleges designated as institutions of higher education by the Higher Education General Information Survey system, even if all their programs are less than 2 years. Includes branch campuses. Beginning in 1980, total includes some schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

Beginning in 1996–97, data are for degree-granting institutions. Degree-granting institutions include those institutions that award degrees at the associate level or higher and were eligible to participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1989–90 through 2001–02; Private School Universe Survey (PSS), 1980–81 through 1999–2000; Higher Education General Information Survey (HEGIS), "Institutional Characteristics of Colleges and Universities" survey, 1980–81; and Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys, 1990–91 through 2000–01, and Winter 2001–02. (This table was prepared September 2003.)

Table 7. Percent of the population 3 to 34 years old enrolled in school, by age group: Selected years, April 1940 to October 2002

Year	Total, 3 to 34 years	3 and 4 years	5 and 6 years	7 to 13 years	14 to 17 years	18 and 19 years		20 to 24 years			25 to 29 years	30 to 34 years	
						Total	In elemen- tary and secondary	In higher education	Total	20 and 21 years			22 to 24 years
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1940	—	—	—	95.0	79.3	28.9	—	—	6.6	—	—	—	—
1945	—	—	—	98.1	78.4	20.7	—	—	3.9	—	—	—	—
1947	—	—	73.8	98.5	79.3	24.3	—	—	10.2	—	—	3.0	—
1948	—	—	74.7	98.1	81.8	26.9	—	—	9.7	—	—	2.6	—
1949	—	—	76.2	98.6	81.6	25.3	—	—	9.2	—	—	3.8	—
1950	—	—	74.4	98.7	83.7	29.4	—	—	9.0	—	—	3.0	0.9
1951	—	—	73.6	99.1	85.2	26.2	—	—	8.6	—	—	2.5	—
1952	—	—	75.2	98.8	85.2	28.8	—	—	9.7	—	—	2.6	1.2
1953	—	—	78.6	99.4	85.9	31.2	—	—	11.1	—	—	2.9	1.7
1954	—	—	77.3	99.4	87.1	32.4	—	—	11.2	—	—	4.1	1.5
1955	—	—	78.1	99.2	86.9	31.5	—	—	11.1	—	—	4.2	1.6
1956	—	—	77.6	99.3	88.2	35.4	—	—	12.8	—	—	5.1	1.9
1957	—	—	78.6	99.5	89.5	34.9	—	—	14.0	—	—	—	—
1958	—	—	80.4	99.5	89.2	37.6	—	—	13.4	—	—	—	—
1959	—	—	80.0	99.4	90.2	36.8	—	—	12.7	—	—	—	—
1960	—	—	80.7	99.5	90.3	38.4	—	—	13.1	—	—	4.9	2.4
1961	—	—	81.7	99.3	91.4	38.0	—	—	13.7	—	—	—	—
1962	—	—	82.2	99.3	92.0	41.8	—	—	15.6	—	—	—	—
1963	—	—	82.7	99.3	92.9	40.9	—	—	17.3	—	—	—	—
1964	—	—	83.3	99.0	93.1	41.6	—	—	16.8	—	—	5.2	2.6
1965	55.5	10.6	84.9	99.4	93.2	46.3	—	—	19.0	27.6	13.2	6.1	3.2
1966	56.1	12.5	85.8	99.3	93.7	47.2	—	—	19.9	29.9	13.2	6.5	2.7
1967	56.6	14.2	87.4	99.3	93.7	47.6	—	—	22.0	33.3	13.6	6.6	4.0
1968	56.7	15.7	87.6	99.1	94.2	50.4	—	—	21.4	31.2	13.8	7.0	3.9
1969	57.0	16.1	88.4	99.2	94.0	50.2	—	—	23.0	34.1	15.4	7.9	4.8
1970	56.4 (0.2)	20.5 (0.7)	89.5 (0.5)	99.2 (0.1)	94.1 (0.3)	47.7 (0.9)	10.5 (0.5)	37.3 (0.8)	21.5 (0.5)	31.9 (0.9)	14.9 (0.5)	7.5 (0.3)	4.2 (0.3)
1971	56.2 (0.2)	21.2 (0.7)	91.6 (0.5)	99.1 (0.1)	94.5 (0.3)	49.2 (0.8)	11.5 (0.5)	37.7 (0.8)	21.9 (0.5)	32.2 (0.8)	15.4 (0.5)	8.0 (0.3)	4.9 (0.3)
1972	54.9 (0.2)	24.4 (0.8)	91.9 (0.5)	99.2 (0.1)	93.3 (0.3)	46.3 (0.8)	10.4 (0.5)	35.9 (0.8)	21.6 (0.4)	31.4 (0.8)	14.8 (0.5)	8.6 (0.3)	4.6 (0.3)
1973	53.5 (0.2)	24.2 (0.8)	92.5 (0.5)	99.2 (0.1)	92.9 (0.3)	42.9 (0.8)	10.0 (0.5)	32.9 (0.8)	20.8 (0.4)	30.1 (0.8)	14.5 (0.5)	8.5 (0.3)	4.5 (0.3)
1974	53.6 (0.2)	28.8 (0.8)	94.2 (0.4)	99.3 (0.1)	92.9 (0.3)	43.1 (0.8)	9.9 (0.5)	33.2 (0.8)	21.4 (0.4)	30.2 (0.8)	15.1 (0.5)	9.6 (0.3)	5.7 (0.3)
1975	53.7 (0.2)	31.5 (0.9)	94.7 (0.4)	99.3 (0.1)	93.6 (0.3)	46.9 (0.8)	10.2 (0.5)	36.7 (0.8)	22.4 (0.4)	31.2 (0.8)	16.2 (0.5)	10.1 (0.3)	6.6 (0.3)
1976	53.1 (0.2)	31.3 (0.9)	95.5 (0.4)	99.2 (0.1)	93.7 (0.3)	46.2 (0.8)	10.2 (0.5)	36.0 (0.8)	23.3 (0.4)	32.0 (0.8)	17.1 (0.5)	10.0 (0.3)	6.0 (0.3)
1977	52.5 (0.2)	32.0 (0.9)	95.8 (0.4)	99.4 (0.1)	93.7 (0.3)	46.2 (0.8)	10.4 (0.5)	35.7 (0.8)	22.9 (0.4)	31.8 (0.8)	16.5 (0.5)	10.8 (0.3)	6.9 (0.3)
1978	51.2 (0.2)	34.2 (0.9)	95.3 (0.4)	99.1 (0.1)	93.7 (0.3)	45.4 (0.8)	9.8 (0.5)	35.6 (0.8)	21.8 (0.4)	29.5 (0.7)	16.3 (0.5)	9.4 (0.3)	6.4 (0.3)
1979	50.3 (0.2)	35.1 (0.9)	95.8 (0.4)	99.2 (0.1)	93.6 (0.3)	45.0 (0.8)	10.3 (0.5)	34.6 (0.8)	21.7 (0.4)	30.2 (0.7)	15.8 (0.5)	9.6 (0.3)	6.4 (0.3)
1980	49.7 (0.2)	36.7 (0.9)	95.7 (0.4)	99.3 (0.1)	93.4 (0.3)	46.4 (0.8)	10.5 (0.5)	35.9 (0.8)	22.3 (0.4)	31.0 (0.7)	16.3 (0.5)	9.3 (0.3)	6.4 (0.3)
1981	48.9 (0.2)	36.0 (0.9)	94.0 (0.5)	99.2 (0.1)	94.1 (0.3)	49.0 (0.8)	11.5 (0.5)	37.5 (0.8)	22.5 (0.4)	31.6 (0.7)	16.5 (0.5)	9.0 (0.3)	6.9 (0.3)
1982	48.6 (0.2)	36.4 (1.0)	95.0 (0.4)	99.2 (0.1)	94.4 (0.3)	47.8 (0.8)	11.3 (0.5)	36.5 (0.8)	23.5 (0.4)	34.0 (0.8)	16.8 (0.5)	9.6 (0.3)	6.3 (0.3)
1983	48.4 (0.2)	37.5 (0.9)	95.4 (0.4)	99.2 (0.1)	95.0 (0.3)	50.4 (0.9)	12.8 (0.6)	37.6 (0.8)	22.7 (0.4)	32.5 (0.8)	16.6 (0.5)	9.6 (0.3)	6.4 (0.3)
1984	47.9 (0.2)	36.3 (0.9)	94.5 (0.5)	99.2 (0.1)	94.7 (0.3)	50.1 (0.9)	11.5 (0.6)	38.6 (0.9)	23.7 (0.4)	33.9 (0.8)	17.3 (0.5)	9.1 (0.3)	6.3 (0.3)
1985	48.3 (0.2)	38.9 (0.9)	96.1 (0.4)	99.2 (0.1)	94.9 (0.3)	51.6 (0.9)	11.2 (0.6)	40.4 (0.9)	24.0 (0.5)	35.3 (0.8)	16.9 (0.5)	9.2 (0.3)	6.1 (0.3)
1986	48.2 (0.2)	38.9 (0.9)	95.3 (0.4)	99.2 (0.1)	94.9 (0.3)	54.6 (0.9)	13.1 (0.6)	41.5 (0.9)	23.6 (0.5)	33.0 (0.8)	17.5 (0.5)	8.8 (0.3)	6.0 (0.3)
1987	48.6 (0.2)	38.3 (0.9)	95.1 (0.4)	99.5 (0.1)	95.0 (0.3)	55.6 (0.9)	13.1 (0.6)	42.5 (0.9)	25.5 (0.5)	38.7 (0.9)	17.5 (0.5)	9.0 (0.3)	5.8 (0.2)
1988	48.7 (0.2)	38.2 (1.0)	96.0 (0.4)	99.7 (0.1)	95.1 (0.3)	55.6 (1.0)	13.9 (0.7)	41.8 (1.0)	26.1 (0.5)	39.1 (1.0)	18.2 (0.6)	8.3 (0.3)	5.9 (0.3)
1989	49.0 (0.2)	39.1 (1.0)	95.2 (0.4)	99.3 (0.1)	95.7 (0.3)	56.0 (1.0)	14.4 (0.7)	41.6 (0.9)	27.0 (0.5)	38.5 (1.0)	19.9 (0.6)	9.3 (0.3)	5.7 (0.3)

See notes at end of table.

Table 7. Percent of the population 3 to 34 years old enrolled in school, by age group: Selected years, April 1940 to October 2002—Continued

Year	Total, 3 to 34 years	3 and 4 years	5 and 6 years	7 to 13 years	14 to 17 years	18 and 19 years		20 to 24 years			25 to 29 years	30 to 34 years	
						Total	In elemen- tary and secondary	In higher education	Total	20 and 21 years			22 to 24 years
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990	50.2 (0.2)	44.4 (1.0)	96.5 (0.4)	99.6 (0.1)	95.8 (0.3)	57.2 (0.9)	14.5 (0.7)	42.7 (0.9)	28.6 (0.5)	39.7 (0.9)	21.0 (0.6)	9.7 (0.3)	5.8 (0.3)
1991	50.7 (0.2)	40.5 (1.0)	95.4 (0.4)	99.6 (0.1)	96.0 (0.3)	59.6 (1.0)	15.6 (0.7)	44.0 (1.0)	30.2 (0.5)	42.0 (0.9)	22.2 (0.6)	10.2 (0.3)	6.2 (0.3)
1992	51.4 (0.2)	39.7 (1.0)	95.5 (0.4)	99.4 (0.1)	96.7 (0.2)	61.4 (1.0)	17.1 (0.7)	44.3 (1.0)	31.6 (0.6)	44.0 (1.0)	23.7 (0.6)	9.8 (0.3)	6.1 (0.3)
1993	51.8 (0.2)	40.4 (0.9)	95.4 (0.4)	99.5 (0.1)	96.5 (0.2)	61.6 (1.0)	17.2 (0.7)	44.4 (1.0)	30.8 (0.6)	42.7 (1.0)	23.6 (0.6)	10.2 (0.3)	5.9 (0.3)
1994	53.3 (0.2)	147.3 (0.9)	96.7 (0.3)	99.4 (0.1)	96.6 (0.2)	60.2 (0.9)	16.2 (0.7)	43.9 (0.9)	32.0 (0.5)	44.9 (0.9)	24.0 (0.6)	10.8 (0.3)	6.7 (0.2)
1995	53.7 (0.2)	148.7 (0.9)	96.0 (0.3)	98.9 (0.1)	96.3 (0.2)	59.4 (0.9)	16.3 (0.6)	43.1 (0.9)	31.5 (0.5)	44.9 (0.9)	23.2 (0.6)	11.6 (0.3)	5.9 (0.2)
1996	54.1 (0.2)	148.3 (0.9)	94.0 (0.4)	97.7 (0.1)	95.4 (0.3)	61.5 (0.9)	16.7 (0.7)	44.9 (0.9)	32.5 (0.5)	44.4 (0.9)	24.8 (0.6)	11.9 (0.4)	6.1 (0.3)
1997	55.6 (0.2)	152.6 (0.9)	96.5 (0.3)	99.1 (0.1)	96.6 (0.2)	61.5 (0.9)	16.7 (0.7)	44.7 (0.9)	34.3 (0.6)	45.9 (0.9)	26.4 (0.7)	11.8 (0.4)	5.7 (0.2)
1998	55.8 (0.2)	152.1 (0.9)	95.6 (0.4)	98.9 (0.1)	96.1 (0.2)	62.2 (0.8)	15.7 (0.6)	46.4 (0.9)	33.0 (0.5)	44.8 (0.9)	24.9 (0.7)	11.9 (0.4)	6.6 (0.3)
1999	56.0 (0.2)	154.2 (0.9)	96.0 (0.4)	98.7 (0.1)	95.8 (0.2)	60.6 (0.8)	16.5 (0.6)	44.1 (0.9)	32.8 (0.5)	45.3 (0.9)	24.5 (0.6)	11.1 (0.4)	6.2 (0.3)
2000	55.9 (0.2)	152.1 (0.9)	95.6 (0.4)	98.2 (0.1)	95.7 (0.2)	61.2 (0.8)	16.5 (0.6)	44.7 (0.9)	32.5 (0.5)	44.1 (0.9)	24.6 (0.6)	11.4 (0.4)	6.7 (0.3)
2001	56.3 (0.2)	152.4 (0.9)	95.3 (0.4)	98.3 (0.1)	95.8 (0.2)	61.0 (0.8)	17.1 (0.6)	43.9 (0.8)	33.9 (0.5)	46.0 (0.9)	25.4 (0.6)	11.8 (0.4)	6.9 (0.3)
2002	56.1 (0.2)	154.5 (0.9)	95.2 (0.4)	98.3 (0.1)	96.4 (0.2)	63.3 (0.8)	18.0 (0.7)	45.3 (0.9)	34.4 (0.5)	47.8 (0.9)	25.6 (0.6)	12.1 (0.4)	6.6 (0.3)

—Not available. ¹Preprimary enrollment collected using new procedures. May not be comparable to figures for earlier years.
 ence schools, are not included. Standard errors appear in parentheses. Some data revised from previously published figures.

NOTE: Data for 1940 are for April. Data for all other years are as of October. Includes enrollment in any type of graded public, parochial, or other private schools. Includes nursery schools, kindergartens, elementary schools, high schools, colleges, universities, and professional schools. Attendance may be on either a full-time or part-time basis and during the day or night. Enrollments in "special" schools, such as trade schools, business colleges, or correspond-

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Historical Statistics of the United States, Colonial Times to 1970: Current Population Reports, Series P-20*, various years; and Current Population Survey, unpublished data. (This table was prepared March 2004.)

Table 8. Percent of persons age 25 and over and 25 to 29, by years of school completed, race/ethnicity, and sex: Selected years, 1910 to 2002

Age and year	Total					White, non-Hispanic ¹				Black, non-Hispanic ¹				Hispanic		
	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	
1																
Males and females																
25 and over	23.8	13.5	2.7	—	—	—	—	—	—	—	—	—	—	—	—	
1920 ⁴	22.0	16.4	3.3	—	—	—	—	—	—	—	—	—	—	—	—	
1930 ⁴	17.5	19.1	3.9	—	—	—	—	—	—	—	—	—	—	—	—	
April 1940	13.7	24.5	4.6	10.9	26.1	4.9	41.8	1.3	—	—	—	—	—	—	—	
April 1950	11.1	34.3	6.2	8.9	36.4	6.6	32.6	2.2	—	—	—	—	—	—	—	
April 1960	8.3	41.1	7.7	6.7	43.2	8.1	23.5	3.5	—	—	—	—	—	—	—	
March 1970	5.3	55.2	11.0	4.2	57.4	11.6	14.7	6.1	—	—	—	—	—	—	—	
March 1975	4.2	62.5	13.9	2.6	65.8	14.9	12.3	6.4	—	—	—	—	—	—	—	
March 1980	3.4 (0.08)	68.6 (0.20)	17.0 (0.16)	1.9 (0.07)	71.9 (0.21)	18.4 (0.18)	9.1 (0.40)	7.9 (0.38)	—	—	—	—	—	—	—	
March 1985	2.7 (0.07)	73.9 (0.18)	19.4 (0.16)	1.4 (0.05)	77.5 (0.19)	20.8 (0.19)	6.1 (0.31)	11.1 (0.41)	—	—	—	—	—	—	—	
March 1990	2.7 (0.07)	74.7 (0.18)	19.4 (0.16)	1.4 (0.05)	78.2 (0.19)	20.9 (0.19)	5.3 (0.29)	10.9 (0.40)	—	—	—	—	—	—	—	
March 1995	2.4 (0.06)	75.6 (0.17)	19.9 (0.16)	1.3 (0.05)	79.0 (0.18)	21.4 (0.19)	4.9 (0.27)	10.8 (0.39)	—	—	—	—	—	—	—	
March 1998	2.4 (0.06)	76.2 (0.17)	20.3 (0.16)	1.2 (0.05)	79.8 (0.18)	21.8 (0.19)	4.8 (0.27)	10.8 (0.39)	—	—	—	—	—	—	—	
March 1999	2.5 (0.06)	76.9 (0.17)	21.1 (0.16)	1.2 (0.05)	80.7 (0.18)	22.8 (0.19)	5.2 (0.27)	11.7 (0.40)	—	—	—	—	—	—	—	
March 1999	2.4 (0.06)	77.6 (0.17)	21.3 (0.16)	1.1 (0.05)	81.4 (0.17)	23.1 (0.19)	5.1 (0.27)	11.3 (0.39)	—	—	—	—	—	—	—	
March 1999	2.4 (0.06)	78.4 (0.16)	21.4 (0.16)	1.1 (0.05)	82.4 (0.17)	23.3 (0.19)	4.7 (0.26)	11.5 (0.39)	—	—	—	—	—	—	—	
March 1999	2.1 (0.06)	79.4 (0.16)	21.4 (0.16)	0.9 (0.04)	83.4 (0.16)	23.2 (0.19)	3.9 (0.23)	11.9 (0.39)	—	—	—	—	—	—	—	
March 1999	2.1 (0.06)	80.2 (0.16)	21.9 (0.16)	0.8 (0.04)	84.1 (0.16)	23.8 (0.19)	3.7 (0.22)	12.2 (0.39)	—	—	—	—	—	—	—	
March 1999	1.9 (0.05)	80.9 (0.15)	22.2 (0.16)	0.8 (0.04)	84.9 (0.16)	24.3 (0.19)	2.7 (0.19)	12.9 (0.39)	—	—	—	—	—	—	—	
March 1999	1.8 (0.05)	81.7 (0.15)	23.0 (0.16)	0.7 (0.04)	85.9 (0.16)	25.4 (0.19)	2.5 (0.16)	13.3 (0.40)	—	—	—	—	—	—	—	
March 1999	1.8 (0.05)	81.7 (0.15)	23.6 (0.17)	0.6 (0.04)	86.0 (0.16)	25.9 (0.20)	2.2 (0.18)	13.8 (0.42)	—	—	—	—	—	—	—	
March 1999	1.7 (0.05)	82.1 (0.14)	23.9 (0.16)	0.6 (0.03)	86.3 (0.15)	26.2 (0.19)	2.0 (0.16)	14.8 (0.40)	—	—	—	—	—	—	—	
March 1999	1.6 (0.05)	82.8 (0.14)	24.4 (0.16)	0.6 (0.03)	87.1 (0.14)	26.6 (0.19)	1.7 (0.14)	15.5 (0.40)	—	—	—	—	—	—	—	
March 1999	1.6 (0.05)	83.4 (0.14)	25.2 (0.16)	0.6 (0.03)	87.7 (0.14)	27.7 (0.19)	1.7 (0.15)	16.6 (0.40)	—	—	—	—	—	—	—	
March 1999	1.6 (0.05)	84.1 (0.13)	25.6 (0.16)	0.5 (0.03)	88.4 (0.14)	28.1 (0.19)	1.6 (0.14)	17.4 (0.40)	—	—	—	—	—	—	—	
March 2000	1.6 (0.05)	84.3 (0.13)	26.1 (0.16)	0.5 (0.03)	88.7 (0.13)	28.6 (0.19)	1.3 (0.12)	18.1 (0.40)	—	—	—	—	—	—	—	
March 2000	1.6 (0.05)	84.1 (0.09)	26.7 (0.11)	0.5 (0.02)	88.7 (0.10)	29.4 (0.14)	1.6 (0.10)	18.1 (0.40)	—	—	—	—	—	—	—	
25 to 29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1920 ⁴	5.9	38.1	5.9	12.9	22.0	4.5	44.6	1.2	—	—	—	—	—	—	—	
April 1940	4.6	52.8	7.7	3.4	41.2	6.4	27.0	1.6	—	—	—	—	—	—	—	
April 1950	2.8	60.7	11.0	3.3	56.3	8.2	16.1	2.8	—	—	—	—	—	—	—	
April 1960	1.1	75.4	16.4	2.2	63.7	11.8	7.2	5.4	—	—	—	—	—	—	—	
March 1970	1.0	83.1	21.9	0.9	77.8	17.3	2.2	10.0	—	—	—	—	—	—	—	
March 1975	1.0	85.4 (0.40)	22.5 (0.47)	0.6	86.6	23.8	0.5	10.5	—	—	—	—	—	—	—	
March 1980	0.8 (0.10)	86.1 (0.37)	22.2 (0.45)	0.3 (0.07)	89.2 (0.40)	25.0 (0.55)	0.6 (0.27)	11.6 (1.07)	—	—	—	—	—	—	—	
March 1985	0.7 (0.09)	86.1 (0.37)	22.2 (0.45)	0.2 (0.06)	89.5 (0.38)	24.4 (0.53)	0.4 (0.20)	11.6 (0.99)	—	—	—	—	—	—	—	
March 1986	0.9 (0.10)	86.1 (0.37)	22.4 (0.45)	0.4 (0.07)	89.6 (0.37)	25.2 (0.53)	0.5 (0.22)	11.8 (0.99)	—	—	—	—	—	—	—	
March 1987	0.9 (0.10)	86.0 (0.37)	22.0 (0.44)	0.4 (0.08)	89.4 (0.38)	24.6 (0.53)	0.4 (0.20)	11.5 (0.97)	—	—	—	—	—	—	—	
March 1988	1.0 (0.11)	85.9 (0.37)	22.7 (0.45)	0.3 (0.07)	89.7 (0.38)	25.1 (0.54)	0.3 (0.18)	12.0 (0.99)	—	—	—	—	—	—	—	
March 1989	1.0 (0.11)	85.5 (0.38)	23.4 (0.45)	0.3 (0.07)	89.3 (0.38)	26.3 (0.55)	0.5 (0.22)	12.6 (1.01)	—	—	—	—	—	—	—	
March 1990	1.2 (0.12)	85.7 (0.38)	23.2 (0.46)	0.3 (0.07)	90.1 (0.37)	26.4 (0.55)	1.0 (0.31)	13.4 (1.03)	—	—	—	—	—	—	—	
March 1991	1.0 (0.11)	85.4 (0.39)	23.2 (0.46)	0.4 (0.08)	89.8 (0.39)	26.7 (0.56)	0.5 (0.22)	13.4 (1.03)	—	—	—	—	—	—	—	
March 1992	0.9 (0.10)	86.3 (0.38)	23.6 (0.47)	0.4 (0.08)	90.7 (0.38)	27.2 (0.58)	0.8 (0.28)	11.0 (0.95)	—	—	—	—	—	—	—	
March 1993	0.7 (0.09)	86.7 (0.38)	23.7 (0.48)	0.3 (0.07)	91.2 (0.37)	27.2 (0.58)	0.8 (0.28)	11.0 (0.97)	—	—	—	—	—	—	—	
March 1994	0.8 (0.10)	86.1 (0.39)	23.3 (0.47)	0.2 (0.07)	91.1 (0.38)	27.1 (0.60)	0.2 (0.15)	13.3 (1.05)	—	—	—	—	—	—	—	
March 1995	0.9 (0.11)	86.8 (0.39)	24.7 (0.49)	0.3 (0.08)	92.5 (0.36)	28.8 (0.62)	0.6 (0.24)	13.6 (1.06)	—	—	—	—	—	—	—	
March 1996	0.8 (0.10)	87.3 (0.40)	27.1 (0.53)	0.2 (0.07)	92.6 (0.36)	28.8 (0.62)	0.2 (0.14)	15.4 (1.13)	—	—	—	—	—	—	—	
March 1997	0.8 (0.10)	87.4 (0.37)	27.8 (0.50)	0.1 (0.05)	92.9 (0.35)	31.6 (0.67)	0.4 (0.20)	16.1 (1.16)	—	—	—	—	—	—	—	
March 1998	0.7 (0.09)	88.1 (0.36)	27.3 (0.50)	0.1 (0.05)	93.6 (0.34)	32.3 (0.64)	0.4 (0.19)	16.1 (1.16)	—	—	—	—	—	—	—	
March 1999	0.6 (0.09)	87.8 (0.37)	28.2 (0.51)	0.1 (0.05)	93.0 (0.35)	33.6 (0.66)	0.2 (0.15)	16.8 (1.11)	—	—	—	—	—	—	—	
March 2000	0.7 (0.09)	88.1 (0.37)	29.1 (0.52)	0.1 (0.05)	94.0 (0.33)	34.0 (0.67)	0.2 (0.15)	17.8 (1.20)	—	—	—	—	—	—	—	
March 2001	0.8 (0.11)	87.7 (0.38)	28.6 (0.52)	0.2 (0.06)	93.3 (0.36)	33.0 (0.68)	0.1 (0.09)	18.0 (1.19)	—	—	—	—	—	—	—	
March 2002	1.1 (0.08)	86.4 (0.28)	29.3 (0.37)	0.1 (0.04)	93.0 (0.26)	35.9 (0.50)	0.6 (0.18)	18.0 (0.88)	—	—	—	—	—	—	—	

See notes at end of table.

Table 8. Percent of persons age 25 and over and 25 to 29, by years of school completed, race/ethnicity, and sex: Selected years, 1910 to 2002—Continued

Age and year	Total										White, non-Hispanic ¹					Black, non-Hispanic ¹					Hispanic				
	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	4 or more years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³				
	2	3	4	5	6	7	8	9	10	11	12	13	8	9	10	11	12	13	8	9	10	11	12	13	
Males																									
25 and over	15.1	22.7	5.5	12.0	24.2	5.9	46.2	6.9	1.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April 1940	12.2	32.6	7.3	9.8	34.6	7.9	36.9	12.6	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April 1960	9.4	39.5	9.7	7.4	41.6	10.3	27.7	20.0	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1970	5.9	55.0	14.1	4.5	57.2	15.0	17.9	35.4	6.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1980	3.6 (0.12)	69.2 (0.30)	20.9 (0.26)	2.0 (0.10)	72.4 (0.31)	22.8 (0.29)	11.3 (0.67)	51.2 (1.06)	7.7 (0.56)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1990	2.7 (0.09)	77.7 (0.24)	24.4 (0.25)	1.3 (0.07)	81.6 (0.25)	26.7 (0.29)	6.4 (0.45)	65.8 (0.88)	11.9 (0.60)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1995	2.0 (0.08)	81.7 (0.22)	26.0 (0.25)	0.8 (0.06)	86.0 (0.22)	28.9 (0.29)	3.4 (0.32)	73.5 (0.78)	13.7 (0.61)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1996	1.9 (0.08)	81.9 (0.23)	26.0 (0.26)	0.7 (0.06)	86.3 (0.21)	28.8 (0.30)	2.9 (0.31)	74.6 (0.80)	12.5 (0.61)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1997	1.8 (0.07)	82.0 (0.21)	26.2 (0.24)	0.6 (0.05)	87.1 (0.21)	29.0 (0.28)	2.9 (0.28)	73.8 (0.75)	12.5 (0.56)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1998	1.7 (0.07)	82.8 (0.20)	26.5 (0.24)	0.7 (0.05)	87.7 (0.20)	29.3 (0.28)	2.3 (0.25)	75.4 (0.72)	14.0 (0.58)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1999	1.6 (0.07)	83.4 (0.20)	27.5 (0.24)	0.6 (0.05)	87.7 (0.20)	30.6 (0.28)	2.0 (0.24)	77.2 (0.70)	14.3 (0.58)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 2000	1.6 (0.07)	84.2 (0.19)	27.8 (0.24)	0.6 (0.05)	88.5 (0.20)	30.8 (0.28)	2.1 (0.24)	79.1 (0.67)	16.4 (0.61)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 2001	1.6 (0.07)	84.4 (0.19)	28.0 (0.24)	0.6 (0.05)	88.6 (0.19)	30.9 (0.28)	1.7 (0.21)	80.6 (0.65)	15.9 (0.60)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 2002	1.7 (0.06)	83.8 (0.14)	28.5 (0.17)	0.5 (0.03)	88.5 (0.14)	31.7 (0.20)	1.9 (0.16)	79.0 (0.48)	16.5 (0.44)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Females																									
25 and over	12.4	26.3	3.8	9.8	28.1	4.0	37.5	8.4	1.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April 1940	10.0	36.0	5.2	8.1	38.2	5.4	28.6	14.7	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April 1960	7.4	42.5	5.8	6.0	44.7	6.0	19.7	23.1	3.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1970	4.7	55.4	8.2	3.9	57.7	8.6	11.9	36.6	5.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1980	3.2 (0.11)	68.1 (0.28)	13.6 (0.21)	1.8 (0.09)	71.5 (0.30)	14.4 (0.23)	7.4 (0.49)	51.5 (0.94)	8.1 (0.52)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1990	2.2 (0.08)	77.5 (0.23)	18.4 (0.22)	1.0 (0.06)	81.3 (0.24)	19.8 (0.25)	4.0 (0.33)	66.5 (0.79)	10.8 (0.52)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1995	1.7 (0.07)	81.6 (0.21)	20.2 (0.22)	0.6 (0.05)	85.8 (0.22)	22.1 (0.26)	1.7 (0.21)	74.1 (0.69)	13.0 (0.53)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1996	1.7 (0.07)	81.6 (0.22)	21.4 (0.23)	0.5 (0.05)	85.9 (0.22)	23.2 (0.27)	1.6 (0.21)	74.6 (0.72)	14.8 (0.58)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1997	1.6 (0.06)	82.2 (0.20)	21.7 (0.21)	0.5 (0.04)	86.3 (0.20)	23.7 (0.25)	1.3 (0.17)	76.5 (0.64)	14.0 (0.52)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1998	1.6 (0.06)	82.9 (0.19)	22.4 (0.21)	0.6 (0.04)	87.1 (0.20)	24.1 (0.25)	1.2 (0.16)	77.1 (0.63)	15.4 (0.54)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 1999	1.5 (0.06)	83.3 (0.19)	23.1 (0.22)	0.5 (0.04)	87.6 (0.19)	25.0 (0.26)	1.5 (0.18)	77.5 (0.62)	16.5 (0.55)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 2000	1.5 (0.06)	84.0 (0.19)	23.6 (0.22)	0.4 (0.04)	88.4 (0.19)	25.5 (0.26)	1.1 (0.16)	78.7 (0.60)	16.8 (0.55)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 2001	1.5 (0.06)	84.2 (0.18)	24.3 (0.22)	0.4 (0.04)	88.8 (0.19)	26.5 (0.26)	1.0 (0.15)	78.6 (0.60)	16.3 (0.54)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March 2002	1.5 (0.04)	84.4 (0.13)	25.1 (0.15)	0.5 (0.03)	88.9 (0.13)	27.3 (0.19)	1.4 (0.12)	79.4 (0.42)	17.7 (0.40)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Rounds to zero.
 —Not available.
¹ Includes persons of Hispanic origin for years prior to 1980.
² Data for years prior to 1993 include all persons with at least 4 years of high school.
³ Data for 1993 and later years are for persons with a bachelor's or higher degree.
⁴ Estimates based on Bureau of the Census retrojection of 1940 Census data on education by age.
 NOTE: Total includes other racial/ethnic groups not shown separately. Standard errors appear in parentheses.
 SOURCE: U.S. Department of Commerce, Bureau of the Census, U.S. Census of Population, 1960, Volume 1, part 1; *Current Population Reports*, Series P-20 and previously unpublished tabulations; and 1960 Census Monograph, "Education of the American Population," by John K. Folger and Charles B. Nam. (This table was prepared October 2003.)

Table 9. Number of persons age 18 and over, by highest level of education attained, age, sex, and race/ethnicity: March 2002

Age, sex, and race/ethnicity	High school										College					
	Elementary level			4 years			Completion				Some college	Associate degree	Bachelor's degree	Master's degree	Professional degree	Doctorate
	Less than 7 years	7 or 8 years	1 to 3 years	1 to 3 years	4 years	6	7	7	8	9	10	11	12	13		
1																
Total																
18 and over	209,454	6,222	18,644	3,400	66,682 (241)	40,282	16,183	34,368 (189)	11,574 (115)	2,752	2,190					
18 and 19 years old	7,909	74	2,806	501	2,276 (52)	2,097	50	6 (3)	2 (2)							
20 to 24 years old	19,404	392	1,924	435	5,949 (84)	7,194	1,082	2,081 (50)	85 (10)							
25 years old and over	182,142	6,890	13,914	2,464	58,456 (231)	30,991	15,051	32,282 (184)	11,487 (115)	2,737	2,190					
25 to 29 years old	18,310	588	1,340	297	5,200 (78)	3,746	1,505	4,288 (71)	799 (31)	207	78					
30 to 34 years old	20,360	649	1,317	292	5,789 (83)	3,653	1,873	4,694 (75)	1,295 (39)	274	199					
35 to 39 years old	21,648	609	1,388	289	6,854 (90)	3,840	2,128	4,348 (72)	1,298 (39)	351	240					
40 to 44 years old	43,624	1,104	2,544	524	14,219 (127)	7,738	4,324	8,251 (98)	2,990 (60)	731	550					
45 to 49 years old	33,223	1,057	1,978	390	10,400 (110)	5,753	3,014	5,701 (82)	3,018 (60)	597	533					
50 to 54 years old	11,208	450	1,029	161	4,070 (69)	1,755	666	1,506 (42)	738 (30)	189	133					
55 to 64 years old	33,769	2,233	4,320	531	11,926 (117)	4,506	1,541	3,494 (64)	1,349 (40)	388	396					
Males																
18 and over	100,701	3,648	9,132	1,857	31,234 (181)	19,078	7,005	16,801 (137)	5,620 (81)	1,801	1,514					
18 and 19 years old	4,026	43	1,545	290	1,117 (37)	944	21	5 (2)	2 (2)							
20 to 24 years old	9,679	245	989	270	3,169 (61)	3,473	517	871 (32)	23 (5)							
25 years old and over	86,996	3,359	6,597	1,297	26,947 (170)	14,661	4,666	15,925 (134)	5,595 (81)	1,795	1,514					
25 to 29 years old	9,150	354	1,355	179	2,767 (57)	1,843	684	2,012 (49)	373 (19)	93	39					
30 to 34 years old	10,084	416	1,84	170	2,984 (60)	1,747	857	2,208 (51)	510 (26)	135	110					
35 to 39 years old	10,698	323	1,77	143	3,466 (64)	3,663	919	2,095 (50)	644 (28)	208	138					
40 to 44 years old	21,381	544	3,40	304	7,091 (91)	3,663	1,826	3,976 (69)	1,414 (41)	498	384					
45 to 49 years old	16,166	520	2,06	219	4,643 (74)	2,802	1,332	3,009 (60)	1,524 (43)	431	384					
50 to 54 years old	5,282	229	458	63	1,694 (45)	792	305	1,816 (47)	432 (23)	135	136					
55 to 64 years old	14,235	973	1,374	219	4,303 (71)	1,971	540	1,816 (47)	698 (29)	295	322					
Females																
18 and over	108,753	3,509	9,513	1,543	35,448 (191)	21,205	9,179	17,567 (140)	5,954 (84)	950	676					
18 and 19 years old	3,883	31	1,260	211	1,159 (37)	1,154	29	1 (1)	62 (9)							
20 to 24 years old	9,724	147	935	165	2,780 (68)	3,721	565	1,210 (38)								
25 years old and over	95,146	3,331	7,317	1,167	31,509 (182)	16,330	8,585	16,357 (136)	5,893 (83)	942	676					
25 to 29 years old	9,159	234	1,27	117	2,433 (54)	1,903	821	2,276 (52)	486 (24)	114	39					
30 to 34 years old	10,277	233	1,43	121	2,805 (58)	1,905	821	2,486 (54)	725 (30)	139	89					
35 to 39 years old	10,950	286	1,44	126	3,388 (63)	1,997	1,210	2,253 (52)	655 (28)	144	102					
40 to 44 years old	22,243	560	3,08	219	7,128 (91)	4,076	2,499	4,276 (71)	1,576 (43)	233	166					
45 to 49 years old	17,057	537	1,080	172	5,757 (82)	2,952	1,681	2,693 (57)	1,494 (42)	166	149					
50 to 54 years old	5,926	221	229	98	2,375 (53)	961	357	695 (29)	306 (19)	54	57					
55 to 64 years old	19,534	1,260	2,595	313	7,623 (94)	2,535	1,001	1,678 (45)	651 (28)	93	74					
White, non-Hispanic																
18 and over	150,443	3,980	11,075	1,701	49,114 (217)	29,677	12,529	27,364 (171)	9,514 (105)	2,249	1,767					
18 and 19 years old	4,988	7	1,743	223	1,468 (42)	1,463	38	2 (2)	2 (2)							
20 to 24 years old	12,038	23	881	151	3,648 (66)	4,836	757	1,585 (44)	67 (9)	12						
25 years old and over	133,417	1,544	8,451	1,327	43,998 (208)	23,378	11,734	25,777 (167)	9,445 (105)	2,237	1,767					
25 to 29 years old	11,252	41	554	104	3,062 (60)	2,325	1,037	3,217 (62)	603 (27)	150	69					
30 to 34 years old	13,068	47	530	113	3,615 (66)	2,437	1,412	3,520 (65)	965 (34)	181	145					
35 to 39 years old	14,760	62	658	121	4,786 (75)	2,644	1,589	3,384 (63)	978 (34)	280	154					
40 to 44 years old	31,814	147	2,422	281	10,584 (110)	5,767	3,388	6,551 (88)	2,412 (54)	605	415					
45 to 49 years old	25,674	246	1,141	232	8,161 (98)	4,670	2,435	4,722 (75)	2,642 (56)	506	466					
50 to 54 years old	8,876	112	280	99	3,354 (63)	1,511	553	1,277 (39)	642 (28)	161	172					
55 to 64 years old	27,973	889	3,432	378	10,437 (110)	4,023	1,321	3,107 (61)	1,203 (38)	355	346					
Black, non-Hispanic																
18 and over	23,449	666	3,148	661	7,965 (87)	5,113	1,709	2,488 (55)	797 (32)	142	105					
18 and 19 years old	1,147	5	446	93	371 (22)	215	6	3 (2)	8 (3)							
20 to 24 years old	2,661	4	388	87	927 (35)	972	108	150 (14)								
25 years old and over	19,642	657	2,314	482	6,667 (82)	3,925	1,594	2,335 (54)	788 (32)	142	105					
25 to 29 years old	2,303	18	197	59	787 (32)	632	182	360 (22)	43 (8)	13	16					
30 to 34 years old	2,475	22	206	57	883 (34)	579	207	398 (23)	74 (10)	20	16					
35 to 39 years old	2,628	20	224	54	984 (36)	581	249	352 (22)	109 (12)	18	15					
40 to 44 years old	5,031	69	483	103	1,726 (47)	1,124	484	622 (29)	254 (19)	41	29					
45 to 49 years old	3,378	88	460	80	1,175 (39)	605	294	378 (23)	163 (15)	20	19					
50 to 54 years old	1,026	54	168	36	364 (22)	136	60	75 (10)	47 (8)	9	8					
55 to 64 years old	2,801	386	576	94	748 (31)	269	119	150 (14)	98 (12)	21	18					

See notes at end of table.

Table 9. Number of persons age 18 and over, by highest level of education attained, age, sex, and race/ethnicity: March 2002—Continued
 [In thousands]

Age, sex, and race/ethnicity	Total	Elementary level			High school			College														
		Less than 7 years	7 or 8 years	1 to 3 years	4 years	Completion	Some college	Associate degree	Bachelor's degree	Master's degree	Professional degree	Doctorate										
													3	4	5	6	7	8	9	10	11	12
1	2																					
Hispanic																						
18 and over	24,550	4,490	1,430	3,729	846	6,977 (69)	3,584	1,189	1,710 (38)	384 (19)												68
18 and 19 years old	1,321	63	45	492	140	336 (17)	238	7														
20 to 24 years old	3,559	355	145	611	181	1,147 (32)	855	141	118 (10)	4 (2)												1
25 years old and over	19,670	4,072	1,241	2,626	526	5,493 (63)	2,491	1,041	1,592 (37)	380 (19)												68
25 to 29 years old	3,537	528	154	535	114	1,112 (31)	565	213	267 (16)	36 (6)												1
30 to 34 years old	3,457	571	205	512	110	995 (30)	474	162	326 (17)	71 (8)												4
35 to 39 years old	2,953	508	178	432	75	798 (27)	421	183	277 (16)	52 (7)												14
40 to 49 years old	4,424	810	258	539	117	1,286 (34)	544	263	426 (20)	110 (10)												26
50 to 59 years old	2,564	626	166	285	56	669 (25)	313	150	178 (13)	76 (8)												14
60 to 64 years old	839	252	71	119	17	213 (14)	70	29	41 (6)	17 (4)												2
65 years old and over	1,896	777	208	204	37	420 (20)	104	40	76 (8)	19 (4)												7

#Rounds to zero.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, previously unpublished tabulations. (This table was prepared May 2003.)

NOTE: Total includes other racial/ethnic groups not shown separately. Although cells with fewer than 75,000 weighted persons are subject to relatively wide sampling variation, they are included in the table to permit various types of aggregations. Detail may not sum to totals because of rounding. Standard errors appear in parentheses.

Table 10. Persons age 18 and over who hold at least a bachelor's degree in specific fields of study, by sex, race/ethnicity, and age: 1996

[Numbers in thousands]

Field of study	Total	Sex		Race/ethnicity			Age		
		Males	Females	White, non-Hispanic	Black ¹	Hispanic	18 to 29 years old	30 to 49 years old	50 years and over
1	2	3	4	5	6	7	8	9	10
Total population, 18 and over	196,121	94,092	102,029	148,397	22,813	18,081	43,775	83,107	69,238
Number of persons with bachelor's or higher degree	40,543	21,084	19,459	34,090	2,640	1,515	6,787	21,976	11,780
Percent of population	20.7	22.4	19.1	23.0	11.6	8.4	15.5	26.4	17.0
Agriculture	484	421	63	414	18	27	51	276	156
Architecture	1,118	490	627	960	27	50	236	601	281
Business	8,019	5,241	2,778	6,726	606	286	1,333	4,790	1,897
Communications	895	452	443	773	56	39	281	514	100
Computer	913	621	292	704	91	41	172	659	83
Education	6,785	1,737	5,049	5,806	553	281	701	3,315	2,768
Engineering	2,913	2,656	256	2,452	74	61	425	1,480	1,009
Literature	1,093	315	777	955	46	46	231	491	370
Foreign language	297	79	218	246	11	18	56	126	114
Health sciences	1,611	295	1,316	1,301	108	55	339	894	378
Law	1,127	889	237	1,024	47	29	85	691	351
Liberal arts	2,030	883	1,149	1,670	139	96	404	1,011	616
Mathematics	736	479	257	612	79	23	134	394	209
Medicine and dentistry	996	731	265	794	7	72	85	559	352
Natural science	1,928	1,092	835	1,599	81	61	413	990	525
Nursing, public health	424	65	359	377	23	5	18	245	160
Philosophy	610	489	121	532	30	18	88	260	260
Pre-professional	147	66	80	101	22	21	60	51	35
Psychology	1,350	493	857	1,130	110	51	319	735	295
Social sciences	1,795	815	979	1,494	173	49	364	944	485
Other fields	5,273	2,774	2,500	4,419	342	187	988	2,947	1,338
Percentage distribution of degree holders, by field									
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture	1.2	2.0	0.3	1.2	0.7	1.8	0.8	1.3	1.3
Architecture	2.8	2.3	3.2	2.8	1.0	3.3	3.5	2.7	2.4
Business	19.8	24.9	14.3	19.7	23.0	18.9	19.6	21.8	16.1
Communications	2.2	2.1	2.3	2.3	2.1	2.6	4.1	2.3	0.8
Computer	2.3	2.9	1.5	2.1	3.4	2.7	2.5	3.0	0.7
Education	16.7	8.2	25.9	17.0	20.9	18.5	10.3	15.1	23.5
Engineering	7.2	12.6	1.3	7.2	2.8	4.0	6.3	6.7	8.6
Literature	2.7	1.5	4.0	2.8	1.7	3.0	3.4	2.2	3.1
Foreign language	0.7	0.4	1.1	0.7	0.4	1.2	0.8	0.6	1.0
Health sciences	4.0	1.4	6.8	3.8	4.1	3.6	5.0	4.1	3.2
Law	2.8	4.2	1.2	3.0	1.8	1.9	1.3	3.1	3.0
Liberal arts	5.0	4.2	5.9	4.9	5.3	6.3	6.0	4.6	5.2
Mathematics	1.8	2.3	1.3	1.8	3.0	1.5	2.0	1.8	1.8
Medicine and dentistry	2.5	3.5	1.4	2.3	0.3	4.8	1.3	2.5	3.0
Natural science	4.8	5.2	4.3	4.7	3.1	4.0	6.1	4.5	4.5
Nursing, public health	1.0	0.3	1.8	1.1	0.9	0.3	0.3	1.1	1.4
Philosophy	1.5	2.3	0.6	1.6	1.1	1.2	1.3	1.2	2.2
Pre-professional	0.4	0.3	0.4	0.3	0.8	1.4	0.9	0.2	0.3
Psychology	3.3	2.3	4.4	3.3	4.2	3.4	4.7	3.3	2.5
Social sciences	4.4	3.9	5.0	4.4	6.6	3.2	5.4	4.3	4.1
Other fields	13.0	13.2	12.8	13.0	13.0	12.3	14.6	13.4	11.4

¹ Includes Black persons of Hispanic origin.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Survey of Income and Program Participation*, unpublished data. (This table was prepared April 2001.)

NOTE: Total includes other racial/ethnic groups not shown separately. Data are based on a sample survey of the civilian noninstitutional population. Detail may not sum to totals due to rounding.

Table 11. Educational attainment of persons 18 years old and over, by state: Selected years, 1990 to 2002

State	Percent of population, 25 years old and over, by education level, April 1990					Percent of population, 25 years old and over, by education level, 2002		Percent of 18- to 24-year-olds who are high school graduates ¹	
	Percent less than high school	Percent high school diploma or higher	Percent with bachelor's degree or higher			Percent with high school diploma or higher	Percent with bachelor's degree or higher	1993-95	1998-2000
			Total	Bachelor's degree	Graduate or professional degree				
1	2	3	4	5	6	7	8	9	10
United States	24.8	75.2	20.3	13.1	7.2	84.1 (0.1)	26.7 (0.1)	85.3 (0.2)	85.7 (0.2)
Alabama	33.1	66.9	15.7	10.1	5.5	78.9 (0.8)	22.7 (0.8)	84.0 (1.7)	81.6 (1.7)
Alaska	13.4	86.6	23.0	15.0	8.0	92.2 (0.6)	25.6 (1.0)	90.5 (3.9)	93.3 (3.2)
Arizona	21.3	78.7	20.3	13.3	7.0	84.6 (0.8)	26.3 (1.0)	84.0 (1.8)	73.5 (1.7)
Arkansas	33.7	66.3	13.3	8.9	4.5	81.0 (0.8)	18.3 (0.8)	88.4 (2.0)	84.1 (2.1)
California	23.8	76.2	23.4	15.3	8.1	80.2 (0.4)	27.9 (0.4)	78.9 (0.7)	82.5 (0.6)
Colorado	15.6	84.4	27.0	18.0	9.0	87.6 (0.5)	35.7 (0.8)	88.4 (1.6)	81.6 (1.8)
Connecticut	20.8	79.2	27.2	16.2	11.0	88.0 (0.5)	32.6 (0.8)	94.7 (1.3)	91.7 (1.6)
Delaware	22.5	77.5	21.4	13.7	7.7	88.5 (0.7)	29.5 (1.0)	93.3 (2.8)	91.0 (3.2)
District of Columbia	26.9	73.1	33.3	16.1	17.2	83.5 (0.9)	44.4 (1.1)	87.7 (4.1)	88.0 (3.8)
Florida	25.6	74.4	18.3	12.0	6.3	83.3 (0.4)	25.7 (0.5)	80.7 (1.0)	84.6 (0.9)
Georgia	29.1	70.9	19.3	12.9	6.4	82.9 (0.8)	25.0 (0.9)	80.3 (1.4)	83.5 (1.2)
Hawaii	19.9	80.1	22.9	15.8	7.1	87.9 (0.7)	26.8 (1.0)	92.0 (2.5)	91.8 (2.4)
Idaho	20.3	79.7	17.7	12.4	5.3	86.8 (0.7)	20.9 (0.9)	86.4 (3.0)	86.4 (2.6)
Illinois	23.8	76.2	21.0	13.6	7.5	85.9 (0.4)	27.3 (0.5)	86.7 (0.9)	87.1 (0.9)
Indiana	24.4	75.6	15.6	9.2	6.4	85.3 (0.6)	23.7 (0.7)	88.5 (1.2)	89.4 (1.2)
Iowa	19.9	80.1	16.9	11.7	5.2	88.3 (0.6)	23.1 (0.8)	93.2 (1.3)	90.8 (1.6)
Kansas	18.7	81.3	21.1	14.1	7.0	87.5 (0.5)	29.1 (0.8)	90.9 (1.7)	90.4 (1.6)
Kentucky	35.4	64.6	13.6	8.1	5.5	80.8 (0.8)	21.6 (0.8)	82.4 (2.0)	86.2 (1.7)
Louisiana	31.7	68.3	16.1	10.5	5.6	78.8 (0.9)	22.1 (0.9)	80.5 (1.9)	82.1 (1.6)
Maine	21.2	78.8	18.8	12.7	6.1	87.4 (0.5)	23.8 (0.7)	92.9 (2.3)	94.5 (2.0)
Maryland	21.6	78.4	26.5	15.6	10.9	87.5 (0.6)	37.6 (0.9)	93.6 (1.1)	87.4 (1.5)
Massachusetts	20.0	80.0	27.2	16.6	10.6	86.5 (0.5)	34.3 (0.8)	92.5 (1.1)	90.9 (1.1)
Michigan	23.2	76.8	17.4	10.9	6.4	86.5 (0.5)	22.5 (0.5)	88.7 (1.0)	89.2 (0.9)
Minnesota	17.6	82.4	21.8	15.6	6.3	92.2 (0.5)	30.5 (0.8)	93.3 (1.1)	91.9 (1.2)
Mississippi	35.7	64.3	14.7	9.7	5.1	79.1 (0.9)	20.9 (0.9)	83.9 (2.1)	82.3 (2.1)
Missouri	26.1	73.9	17.8	11.7	6.1	88.1 (0.6)	26.7 (0.8)	90.3 (1.3)	92.6 (1.1)
Montana	19.0	81.0	19.8	14.1	5.7	89.7 (0.7)	23.6 (0.9)	89.8 (3.5)	91.1 (2.7)
Nebraska	18.2	81.8	18.9	13.1	5.9	89.8 (0.6)	27.1 (0.9)	94.5 (1.7)	91.3 (1.9)
Nevada	21.2	78.8	15.3	10.1	5.2	85.8 (0.7)	22.1 (0.9)	81.9 (3.4)	77.9 (2.9)
New Hampshire	17.8	82.2	24.4	16.4	7.9	90.2 (0.5)	30.1 (0.8)	86.9 (3.2)	85.1 (3.6)
New Jersey	23.3	76.7	24.9	16.0	8.8	85.9 (0.5)	31.4 (0.6)	91.8 (1.0)	90.1 (1.0)
New Mexico	24.9	75.1	20.4	12.1	8.3	81.6 (0.9)	25.4 (1.0)	82.4 (3.0)	83.0 (2.7)
New York	25.2	74.8	23.1	13.2	9.9	83.7 (0.4)	28.8 (0.5)	87.1 (0.8)	86.3 (0.8)
North Carolina	30.0	70.0	17.4	12.0	5.4	80.1 (0.7)	22.4 (0.7)	85.5 (1.3)	86.1 (1.2)
North Dakota	23.3	76.7	18.1	13.5	4.5	89.0 (0.6)	25.3 (0.8)	96.6 (2.1)	94.4 (2.7)
Ohio	24.3	75.7	17.0	11.1	5.9	87.3 (0.4)	24.5 (0.5)	88.4 (0.9)	87.7 (0.9)
Oklahoma	25.4	74.6	17.8	11.8	6.0	85.1 (0.7)	20.4 (0.7)	87.0 (1.9)	85.7 (1.8)
Oregon	18.5	81.5	20.6	13.6	7.0	87.7 (0.6)	27.1 (0.9)	82.7 (2.1)	82.3 (1.9)
Pennsylvania	25.3	74.7	17.9	11.3	6.6	86.1 (0.4)	26.1 (0.5)	89.5 (0.9)	89.0 (0.9)
Rhode Island	28.0	72.0	21.3	13.5	7.8	80.1 (0.7)	30.1 (0.8)	89.4 (3.3)	87.9 (3.2)
South Carolina	31.7	68.3	16.6	11.2	5.4	80.2 (0.9)	23.3 (0.9)	88.0 (1.6)	85.1 (1.7)
South Dakota	22.9	77.1	17.2	12.3	4.9	89.2 (0.5)	23.6 (0.7)	91.5 (3.3)	92.0 (2.8)
Tennessee	32.9	67.1	16.0	10.5	5.4	80.1 (0.9)	21.5 (0.9)	84.6 (1.5)	89.0 (1.3)
Texas	27.9	72.1	20.3	13.9	6.5	78.1 (0.5)	26.2 (0.5)	79.5 (0.9)	79.4 (0.8)
Utah	14.9	85.1	22.3	15.4	6.8	91.0 (0.7)	26.8 (1.0)	93.6 (1.5)	90.0 (1.6)
Vermont	19.2	80.8	24.3	15.4	8.9	87.4 (0.7)	30.8 (0.9)	88.1 (4.3)	90.8 (3.9)
Virginia	24.8	75.2	24.5	15.4	9.1	86.7 (0.7)	34.6 (0.9)	87.7 (1.2)	87.3 (1.3)
Washington	16.2	83.8	22.9	15.9	7.0	90.4 (0.6)	28.3 (0.9)	85.7 (1.4)	87.4 (1.3)
West Virginia	34.0	66.0	12.3	7.5	4.8	78.5 (0.7)	15.9 (0.6)	86.8 (2.4)	89.6 (2.2)
Wisconsin	21.4	78.6	17.7	12.1	5.6	86.8 (0.5)	24.7 (0.7)	93.7 (1.0)	90.0 (1.3)
Wyoming	17.0	83.0	18.8	13.1	5.7	91.6 (0.5)	19.6 (0.8)	90.8 (4.0)	86.5 (4.5)

¹ Excludes students still enrolled in high school. Data reflect 3-year averages.

NOTE: Standard errors appear in parentheses. Detail may not sum to totals due to rounding. Some data revised from previously published figures.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Educational Attainment in the United States," various years; and Decennial Census, *Minority Economic Profiles*, unpublished data; and National Center for Education Statistics, *Dropout Rates in the United States*, various years. (This table was prepared May 2003.)

Table 12. Educational attainment of persons 25 years old and over, by race/ethnicity and state: April 1990 and April 2000

State	Percent with high school diploma or higher											
	1990						2000					
	Total	White ¹	Black ¹	Hispanic ²	Asian/Pacific Islander ¹	American Indian or Alaskan Native ¹	Total	White ¹	Black ¹	Hispanic ²	Asian/Pacific Islander ¹	American Indian or Alaskan Native ¹
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	75.2	77.9	63.1	49.8	77.5	65.5	80.4	83.6	72.3	52.4	80.4	70.9
Alabama	66.9	70.3	54.6	73.8	78.9	64.9	75.3	78.0	66.9	56.9	81.1	72.4
Alaska	86.6	91.1	88.2	80.4	75.4	63.1	88.3	92.5	88.7	78.3	73.0	71.8
Arizona	78.7	82.4	75.1	51.7	80.2	52.1	81.0	85.4	81.7	52.5	83.4	61.9
Arkansas	66.3	68.6	51.5	59.1	66.4	65.4	75.3	77.5	65.8	41.2	72.9	72.5
California	76.2	81.1	75.6	45.0	77.2	71.4	76.8	83.3	80.5	46.7	80.5	67.5
Colorado	84.4	86.1	80.8	58.3	78.3	73.9	86.9	89.5	84.4	58.1	81.8	76.2
Connecticut	79.2	80.9	67.0	53.5	81.9	68.9	84.0	86.3	73.9	58.5	85.0	67.8
Delaware	77.5	80.3	63.2	60.1	86.1	62.0	82.6	85.0	74.2	57.1	88.1	65.2
District of Columbia	73.1	93.1	63.8	52.6	80.2	66.3	77.8	94.4	70.4	47.8	81.9	71.8
Florida	74.4	77.0	56.4	57.2	77.8	68.2	79.9	82.5	67.0	63.3	80.7	73.5
Georgia	70.9	74.9	58.6	66.2	77.5	71.6	78.6	81.8	72.5	48.5	79.5	73.9
Hawaii	80.1	89.3	94.2	73.9	74.7	84.4	84.6	92.7	92.9	81.5	79.9	91.0
Idaho	79.7	80.9	82.8	43.4	80.3	68.1	84.7	86.6	82.5	44.4	82.0	75.6
Illinois	76.2	79.1	65.2	45.0	83.9	71.4	81.4	85.0	73.0	48.5	86.9	69.5
Indiana	75.6	76.5	65.4	62.6	85.8	65.0	82.1	83.2	74.9	57.9	86.2	73.3
Iowa	80.1	80.3	70.1	64.2	76.4	67.6	86.1	86.9	77.3	52.3	74.3	76.9
Kansas	81.3	82.4	71.0	58.1	73.6	75.4	86.0	87.8	79.7	51.7	74.8	81.3
Kentucky	64.6	64.7	61.7	74.0	77.9	59.8	74.1	74.2	73.2	59.1	86.2	72.5
Louisiana	68.3	74.2	53.1	67.6	68.1	49.1	74.8	80.0	63.1	69.0	67.4	60.5
Maine	78.8	78.9	87.6	83.8	74.3	69.9	85.4	85.5	84.7	79.2	74.6	76.0
Maryland	78.4	80.8	70.6	70.3	84.8	73.4	83.8	86.3	78.9	61.9	85.5	75.5
Massachusetts	80.0	81.2	70.0	52.0	74.1	71.1	84.8	86.8	76.3	57.3	76.2	72.5
Michigan	76.8	78.6	64.9	60.9	83.3	67.8	83.4	85.3	74.1	62.3	85.6	76.4
Minnesota	82.4	82.8	76.2	71.1	69.7	68.2	87.9	89.2	79.0	58.1	71.1	74.5
Mississippi	64.3	71.7	47.3	67.7	68.2	57.4	72.9	78.9	60.4	59.1	72.5	64.0
Missouri	73.9	74.9	65.1	71.0	81.5	65.1	81.3	82.4	73.9	65.7	82.2	74.3
Montana	81.0	81.7	80.9	66.4	78.5	68.1	87.2	87.8	91.2	78.0	85.2	75.5
Nebraska	81.8	82.4	73.2	60.0	80.0	69.0	86.6	88.2	78.6	46.6	77.7	75.9
Nevada	78.8	80.9	70.8	53.7	74.1	69.8	80.7	83.9	78.9	47.3	82.0	75.2
New Hampshire	82.2	82.2	86.1	78.2	82.7	65.9	87.4	87.6	84.4	73.6	84.9	76.5
New Jersey	76.7	78.6	67.0	53.9	86.8	66.9	82.1	84.7	74.5	59.5	88.5	70.4
New Mexico	75.1	78.6	74.7	59.6	80.8	58.2	78.9	83.3	79.4	64.4	83.1	67.1
New York	76.7	78.5	64.7	50.4	72.4	65.2	79.1	84.0	70.6	55.0	73.3	66.4
North Carolina	70.0	73.1	58.1	71.0	77.9	51.5	78.1	81.2	70.7	44.5	79.3	62.7
North Dakota	76.7	76.9	95.9	75.2	83.7	64.3	83.9	84.2	92.6	73.0	84.4	74.8
Ohio	75.7	76.9	64.6	63.3	83.5	65.3	83.0	84.2	73.9	67.1	86.6	73.2
Oklahoma	74.6	75.7	70.1	55.9	76.1	68.1	80.6	82.1	78.5	50.9	77.2	76.5
Oregon	81.5	82.3	75.0	53.0	79.4	71.0	85.1	87.1	79.8	48.8	79.5	77.5
Pennsylvania	74.7	75.9	63.5	52.2	77.1	67.8	81.9	83.4	71.8	56.9	78.4	73.2
Rhode Island	72.0	73.0	65.9	46.8	59.6	64.5	78.0	80.1	71.0	50.4	69.2	68.3
South Carolina	68.3	73.6	53.3	71.8	77.4	62.5	76.3	80.9	64.9	56.4	79.5	64.2
South Dakota	77.1	77.8	82.2	71.3	74.3	62.5	84.6	85.7	84.1	64.9	72.3	70.9
Tennessee	67.1	68.2	59.4	71.5	79.3	63.1	75.9	77.0	70.8	55.4	82.1	74.9
Texas	72.1	76.2	66.1	44.6	79.1	70.9	75.7	79.5	75.8	49.3	80.7	71.5
Utah	85.1	86.2	77.0	61.0	80.7	59.3	87.7	89.9	83.2	56.5	79.9	68.7
Vermont	80.8	80.8	82.9	84.7	87.1	66.8	86.4	86.6	84.2	85.6	78.4	76.9
Virginia	75.2	78.3	60.3	70.5	82.1	70.7	81.5	84.3	71.6	62.9	84.2	78.5
Washington	83.8	85.0	81.2	56.7	77.3	72.3	87.1	89.3	84.0	53.0	80.5	77.4
West Virginia	66.0	66.0	64.7	70.3	88.8	57.9	75.2	75.1	76.6	74.2	90.3	73.5
Wisconsin	78.6	79.6	61.3	54.1	71.5	66.8	85.1	86.6	68.5	54.6	73.2	77.3
Wyoming	83.0	83.9	81.2	59.3	77.5	68.2	87.9	88.8	86.7	66.3	82.4	77.2

See notes at end of table.

Table 12. Educational attainment of persons 25 years old and over, by race/ethnicity and state: April 1990 and April 2000—Continued

State	Percent with bachelor's degree or higher											
	1990						2000					
	Total	White ¹	Black ¹	Hispanic ²	Asian/Pacific Islander ¹	American Indian or Alaskan Native ¹	Total	White ¹	Black ¹	Hispanic ²	Asian/Pacific Islander ¹	American Indian or Alaskan Native ¹
1	14	15	16	17	18	19	20	21	22	23	24	25
United States	20.3	21.5	11.4	9.2	36.6	9.3	24.4	26.1	14.3	10.4	44.1	11.5
Alabama	15.7	17.3	9.3	20.1	43.7	11.6	19.0	21.2	11.5	14.6	48.3	13.0
Alaska	23.0	26.8	14.1	14.6	20.5	4.1	24.7	29.3	14.9	15.3	21.2	6.0
Arizona	20.3	22.2	14.3	6.9	37.5	4.6	23.5	26.0	18.6	8.1	44.5	7.3
Arkansas	13.3	14.1	8.4	11.1	24.6	9.8	16.7	17.8	10.2	7.1	32.6	12.1
California	23.4	25.4	14.8	7.1	34.1	11.1	26.6	29.8	17.2	7.7	41.6	11.4
Colorado	27.0	28.3	17.1	8.6	32.1	12.1	32.7	35.0	20.5	10.4	42.8	14.1
Connecticut	27.2	28.5	12.3	12.1	50.8	12.5	31.4	33.5	13.7	11.3	57.7	15.7
Delaware	21.4	23.0	10.6	16.5	55.9	10.2	25.0	26.7	14.4	13.5	61.8	13.2
District of Columbia	33.3	69.0	15.3	24.0	50.9	17.7	39.1	77.3	17.5	24.8	58.2	28.1
Florida	18.3	19.3	9.8	14.2	33.6	11.5	22.3	23.8	12.4	17.5	40.9	14.9
Georgia	19.3	21.8	11.0	20.5	38.6	12.5	24.3	27.4	15.5	13.6	44.3	18.1
Hawaii	22.9	30.2	15.2	10.3	19.4	17.7	26.2	36.5	21.0	13.3	26.6	21.5
Idaho	17.7	18.0	15.8	6.6	27.6	7.2	21.7	22.3	22.4	6.6	38.3	9.5
Illinois	21.0	22.4	11.4	8.0	49.8	13.4	26.1	27.8	14.7	9.1	57.7	13.3
Indiana	15.6	17.6	9.3	10.8	53.1	8.4	19.4	19.8	12.1	11.3	58.0	10.3
Iowa	16.9	16.7	12.8	13.7	47.3	9.7	21.2	21.3	14.7	11.0	42.9	9.9
Kansas	21.1	21.7	11.6	10.1	39.9	10.8	25.8	26.9	14.9	9.7	40.5	14.9
Kentucky	13.6	13.9	7.7	18.9	44.2	8.0	17.1	17.4	10.7	13.0	53.2	13.9
Louisiana	16.1	18.7	9.1	16.6	31.4	5.5	18.7	21.8	10.9	19.5	35.6	9.2
Maine	18.8	18.8	22.3	23.6	44.9	7.7	22.9	22.9	22.5	21.6	32.6	12.1
Maryland	26.5	28.9	16.1	25.2	50.3	19.7	31.4	34.7	20.3	21.4	55.0	21.2
Massachusetts	27.2	27.7	17.0	13.6	44.9	14.9	33.2	34.3	19.7	14.1	49.8	19.2
Michigan	17.4	18.1	10.1	11.6	54.1	7.6	21.8	22.6	12.8	12.9	61.0	10.3
Minnesota	21.8	21.9	17.5	17.2	33.5	7.7	27.4	27.9	18.7	14.0	36.3	8.8
Mississippi	14.7	17.2	8.8	17.1	35.1	8.1	16.9	20.0	10.1	12.1	35.9	9.1
Missouri	17.8	18.3	11.2	18.0	47.3	11.0	21.6	22.3	13.2	16.1	51.5	12.9
Montana	19.8	20.3	18.4	10.9	32.1	7.9	24.4	25.1	33.2	15.4	41.0	10.5
Nebraska	18.9	19.2	12.4	9.4	39.5	8.8	23.7	24.4	14.1	8.5	42.3	8.8
Nevada	15.3	15.9	9.0	7.0	21.9	8.0	18.2	19.3	12.0	6.4	28.3	8.6
New Hampshire	24.4	24.2	25.7	25.5	26.1	16.0	28.7	28.5	27.8	22.7	54.6	17.0
New Jersey	24.9	25.8	13.6	10.8	57.1	14.8	29.8	31.0	16.2	12.5	62.1	16.4
New Mexico	20.4	23.4	14.2	8.7	38.7	5.8	23.5	28.0	18.8	10.8	44.7	7.7
New York	23.1	25.3	12.6	9.3	38.7	13.4	27.4	30.5	15.8	11.5	41.3	14.4
North Carolina	17.4	19.3	9.5	17.9	39.3	7.9	22.5	25.0	13.1	10.5	43.9	10.4
North Dakota	18.1	18.3	17.1	15.9	37.8	8.3	22.0	22.4	20.5	16.3	48.9	9.7
Ohio	17.0	17.6	9.1	14.2	53.2	8.3	21.1	21.8	11.9	15.2	58.6	12.4
Oklahoma	17.8	18.7	12.0	10.5	34.7	10.8	20.3	21.5	13.7	9.6	37.5	13.2
Oregon	20.6	20.8	9.1	10.1	32.3	8.3	25.1	25.7	17.8	9.6	38.7	12.2
Pennsylvania	17.9	18.5	10.0	11.8	45.2	12.0	22.4	23.1	12.0	12.0	49.2	13.2
Rhode Island	21.3	21.8	12.7	8.9	30.6	8.3	25.6	26.8	16.7	8.6	36.4	14.1
South Carolina	16.6	19.8	7.6	19.8	34.4	10.9	20.4	24.2	9.9	14.1	40.8	11.2
South Dakota	17.2	17.6	24.1	13.4	33.1	6.8	21.5	22.3	19.3	11.7	39.6	8.5
Tennessee	16.0	16.7	10.2	21.9	42.6	10.5	19.6	20.5	12.9	14.1	47.8	14.8
Texas	20.3	22.6	12.0	7.3	41.3	13.9	23.2	25.8	15.3	8.9	47.8	15.7
Utah	22.3	22.7	15.9	9.1	29.4	6.4	26.1	27.1	19.8	9.8	36.4	9.1
Vermont	24.3	24.2	30.5	28.2	52.1	11.1	29.4	29.5	34.8	36.8	46.7	18.1
Virginia	24.5	27.0	11.1	22.4	40.2	14.7	29.5	32.3	15.1	20.7	48.8	19.6
Washington	22.9	23.3	15.4	11.0	30.2	9.1	27.7	28.5	19.4	11.1	36.8	12.4
West Virginia	12.3	12.2	10.9	17.6	63.3	6.5	14.8	14.7	11.5	19.7	63.9	12.8
Wisconsin	17.7	18.1	8.3	10.0	40.4	5.5	22.4	23.0	10.5	11.4	43.0	10.4
Wyoming	18.8	19.3	9.5	4.8	28.6	6.2	21.9	22.6	18.6	7.8	36.3	8.1

¹ Includes persons of Hispanic origin.² Persons of Hispanic origin may be of any race.SOURCE: U.S. Department of Commerce, Bureau of the Census, 1990 Decennial Census, *Minority Economic Profiles*; 2000 Decennial Census, Summary File 3; and unpublished data. (This table was prepared June 2003.)

Table 13. Educational attainment of persons 25 years old and over, for the 25 largest states, by sex: March 2002

State	Number of persons 25 years old and over (in thousands)			Percent high school completion or higher			Percent completed bachelor's degree or higher		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
United States	182,142	86,996	95,146	84.1 (0.09)	83.8 (0.14)	84.4 (0.13)	26.7 (0.11)	28.5 (0.17)	25.1 (0.15)
Alabama	2,874	1,347	1,527	78.9 (0.79)	79.0 (1.16)	78.7 (1.09)	22.7 (0.79)	22.9 (1.16)	22.6 (1.09)
Arizona	3,182	1,505	1,677	84.6 (0.79)	84.5 (1.22)	84.6 (1.09)	26.3 (0.97)	29.1 (1.52)	23.8 (1.34)
California	20,958	10,239	10,719	80.2 (0.36)	80.4 (0.55)	80.1 (0.55)	27.9 (0.43)	30.0 (0.67)	25.9 (0.61)
Colorado	2,781	1,414	1,367	87.6 (0.55)	87.3 (0.79)	88.0 (0.79)	35.7 (0.79)	39.0 (1.16)	32.3 (1.16)
Florida	11,051	5,296	5,754	83.3 (0.43)	82.2 (0.67)	84.3 (0.61)	25.7 (0.49)	28.0 (0.79)	23.5 (0.67)
Georgia	5,135	2,426	2,709	82.9 (0.79)	83.1 (1.09)	82.7 (1.03)	25.0 (0.85)	27.0 (1.34)	23.2 (1.16)
Illinois	8,088	3,849	4,239	85.9 (0.43)	85.4 (0.67)	86.4 (0.61)	27.3 (0.55)	27.8 (0.85)	26.9 (0.79)
Indiana	4,058	1,883	2,175	85.3 (0.61)	86.1 (0.85)	84.7 (0.79)	23.7 (0.73)	26.8 (1.09)	21.1 (0.91)
Louisiana	2,709	1,311	1,398	78.8 (0.91)	77.4 (1.28)	80.2 (1.22)	22.1 (0.91)	24.8 (1.34)	19.6 (1.22)
Maryland	3,453	1,634	1,819	87.5 (0.61)	86.7 (0.91)	88.3 (0.85)	37.6 (0.91)	38.7 (1.34)	36.5 (1.28)
Massachusetts	4,357	2,094	2,263	86.5 (0.55)	86.8 (0.79)	86.2 (0.79)	34.3 (0.79)	34.9 (1.09)	33.7 (1.09)
Michigan	6,600	3,106	3,494	86.5 (0.49)	86.2 (0.67)	86.8 (0.67)	22.5 (0.55)	23.1 (0.85)	22.1 (0.79)
Minnesota	3,268	1,614	1,654	92.2 (0.49)	91.7 (0.67)	92.7 (0.61)	30.5 (0.79)	31.2 (1.16)	29.9 (1.09)
Missouri	3,551	1,691	1,860	88.1 (0.61)	86.5 (0.91)	89.6 (0.79)	26.7 (0.79)	26.6 (1.16)	26.7 (1.09)
New Jersey	5,894	2,808	3,086	85.9 (0.49)	85.4 (0.73)	86.3 (0.67)	31.4 (0.61)	33.8 (0.91)	29.2 (0.85)
New York	12,401	5,856	6,545	83.7 (0.36)	84.2 (0.55)	83.3 (0.55)	28.8 (0.49)	30.6 (0.67)	27.1 (0.61)
North Carolina	5,135	2,432	2,704	80.1 (0.73)	78.5 (1.03)	81.6 (0.97)	22.4 (0.73)	24.2 (1.09)	20.9 (0.97)
Ohio	7,509	3,553	3,956	87.3 (0.43)	86.9 (0.67)	87.6 (0.61)	24.5 (0.55)	26.5 (0.85)	22.7 (0.79)
Pennsylvania	8,205	3,878	4,327	86.1 (0.43)	87.0 (0.61)	85.3 (0.61)	26.1 (0.55)	28.8 (0.79)	23.6 (0.73)
South Carolina	2,588	1,197	1,391	80.2 (0.85)	79.2 (1.22)	81.0 (1.09)	23.3 (0.85)	24.2 (1.28)	22.6 (1.16)
Tennessee	3,708	1,768	1,940	80.1 (0.85)	76.4 (1.28)	83.4 (1.09)	21.5 (0.85)	22.5 (1.28)	20.5 (1.16)
Texas	12,622	5,995	6,628	78.1 (0.49)	78.4 (0.73)	77.8 (0.67)	26.2 (0.55)	28.6 (0.79)	24.0 (0.67)
Virginia	4,659	2,200	2,459	86.7 (0.67)	84.8 (0.97)	88.5 (0.85)	34.6 (0.91)	35.8 (1.34)	33.5 (1.22)
Washington	3,849	1,890	1,960	90.4 (0.61)	91.0 (0.85)	89.8 (0.85)	28.3 (0.91)	30.4 (1.34)	26.2 (1.28)
Wisconsin	3,520	1,739	1,781	86.8 (0.55)	86.4 (0.79)	87.3 (0.79)	24.7 (0.73)	26.3 (1.03)	23.2 (0.97)

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Educational Attainment in the United States: March 2002." (This table was prepared June 2003.)

Table 14. Educational attainment of persons 25 years old and over, for the 15 largest metropolitan areas, by sex: March 2002

Metropolitan area	Number of persons 25 years old and over (in thousands)			Percent high school completion or higher			Percent completed bachelor's degree or higher		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
Atlanta, GA, MSA	2,736	1,336	1,400	87.7 (0.9)	87.2 (1.4)	88.2 (1.3)	34.9 (1.3)	37.7 (2.0)	32.2 (1.9)
Boston-Worcester-Lawrence, MA/NH/ME/CT, CMSA	4,049	1,956	2,093	87.7 (0.5)	87.9 (0.8)	87.6 (0.8)	36.0 (0.8)	36.9 (1.2)	35.2 (1.2)
Chicago-Gary-Kenosha, IL/IN/WI, CMSA	5,723	2,708	3,016	86.1 (0.5)	85.7 (0.8)	86.6 (0.7)	31.7 (0.7)	31.9 (1.1)	31.5 (1.0)
Cleveland-Akron, OH, CMSA	2,144	995	1,149	90.8 (0.7)	91.8 (1.0)	89.9 (1.0)	26.8 (1.1)	30.5 (1.6)	23.6 (1.4)
Dallas-Fort Worth, TX, CMSA	3,391	1,616	1,775	82.1 (0.9)	82.2 (1.3)	82.1 (1.3)	31.1 (1.1)	34.7 (1.6)	27.8 (1.5)
Detroit-Ann Arbor-Flint, MI, CMSA	3,809	1,779	2,029	86.1 (0.6)	85.7 (0.9)	86.5 (0.9)	25.2 (0.8)	26.3 (1.2)	24.3 (1.1)
Houston-Galveston-Brazoria, TX, CMSA	3,043	1,518	1,525	80.0 (1.1)	78.8 (1.6)	81.3 (1.5)	29.0 (1.2)	30.1 (1.8)	28.0 (1.7)
Los Angeles-Riverside-Orange County, CA, CMSA	10,234	4,930	5,304	77.3 (0.5)	78.3 (0.7)	76.4 (0.7)	26.3 (0.5)	29.0 (0.9)	23.7 (0.7)
Miami-Fort Lauderdale, FL, CMSA	2,642	1,286	1,355	81.4 (0.9)	80.3 (1.3)	82.3 (1.2)	27.1 (1.0)	27.9 (1.5)	26.4 (1.4)
New York-Northern New Jersey-Long Island, NY/NJ/CT/PA, CMSA	14,156	6,723	7,433	83.8 (0.4)	84.5 (0.5)	83.2 (0.5)	32.2 (0.4)	34.2 (0.6)	30.4 (0.6)
Philadelphia-Wilmington-Atlantic City, PA/NJ/DE/MD, CMSA	4,274	2,013	2,261	87.0 (0.5)	87.2 (0.8)	86.9 (0.7)	30.5 (0.7)	32.3 (1.1)	28.9 (1.0)
Pittsburgh, PA, MSA	1,672	794	878	90.4 (0.8)	91.3 (1.1)	89.5 (1.2)	30.6 (1.3)	35.9 (1.9)	25.7 (1.6)
St. Louis, MO/IL, MSA	1,680	790	890	87.7 (0.9)	88.6 (1.2)	86.8 (1.2)	30.5 (1.2)	32.9 (1.8)	28.3 (1.6)
San Francisco-Oakland-San Jose, CA, CMSA	4,421	2,227	2,193	88.6 (0.7)	88.5 (1.0)	88.6 (1.0)	39.5 (1.1)	41.1 (1.5)	37.8 (1.5)
Washington-Baltimore, DC/MD/VA/WV, CMSA	5,157	2,453	2,703	89.3 (0.4)	88.3 (0.6)	90.3 (0.5)	43.1 (0.6)	44.3 (0.9)	42.0 (0.9)

NOTE: CMSA=Consolidated Metropolitan Statistical Area. MSA=Metropolitan Statistical Area. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Educational Attainment in the United States: March 2002." (This table was prepared June 2003.)

Table 15. Estimates of resident population, by age group: July 1, 1970 to July 1, 2002

[In thousands]

Year	Total, all ages	Total, 3 to 34 years	3 and 4 years	5 and 6 years	7 to 13 years	14 to 17 years	18 and 19 years	20 and 21 years	22 to 24 years	25 to 29 years	30 to 34 years
1	2	3	4	5	6	7	8	9	10	11	12
1970	203,984	108,653	6,962	7,703	28,969	15,921	7,410	6,850	9,728	13,604	11,505
1971	206,827	110,482	6,805	7,344	28,892	16,326	7,644	7,106	10,596	13,927	11,842
1972	209,284	112,287	6,789	7,051	28,628	16,637	7,854	7,447	10,418	15,142	12,321
1973	211,357	113,954	6,938	6,888	28,159	16,864	8,044	7,658	10,615	15,694	13,094
1974	213,342	115,641	7,117	6,864	27,599	17,033	8,196	7,893	10,864	16,428	13,644
1975	215,465	117,006	6,912	7,014	26,904	17,125	8,418	8,089	11,228	17,183	14,131
1976	217,563	118,073	6,437	7,194	26,321	17,117	8,604	8,240	11,554	18,177	14,428
1977	219,760	118,853	6,190	6,978	25,878	17,042	8,613	8,456	11,856	18,180	15,661
1978	222,095	119,414	6,208	6,499	25,593	16,944	8,617	8,628	12,120	18,585	16,218
1979	224,567	120,126	6,252	6,252	25,174	16,610	8,698	8,653	12,443	19,077	16,961
1980	227,225	121,132	6,366	6,291	24,800	16,143	8,718	8,669	12,716	19,686	17,743
1981	229,466	121,999	6,535	6,315	24,396	15,609	8,582	8,759	12,903	20,169	18,731
1982	231,664	121,823	6,658	6,407	24,121	15,057	8,480	8,768	12,914	20,704	18,714
1983	233,792	122,302	6,877	6,572	23,709	14,740	8,290	8,652	12,981	21,414	19,067
1984	235,825	122,254	7,045	6,694	23,367	14,725	7,932	8,567	12,962	21,459	19,503
1985	237,924	122,512	7,134	6,916	22,976	14,888	7,637	8,370	12,895	21,671	20,025
1986	240,133	122,688	7,187	7,086	22,992	14,824	7,483	8,024	12,720	21,893	20,479
1987	242,289	122,672	7,132	7,178	23,325	14,502	7,502	7,742	12,450	21,857	20,984
1988	244,499	122,713	7,176	7,238	23,791	14,023	7,701	7,606	12,048	21,739	21,391
1989	246,819	122,655	7,315	7,184	24,228	13,536	7,898	7,651	11,607	21,560	21,676
1990	249,623	122,787	7,359	7,244	24,785	13,329	7,702	7,886	11,264	21,277	21,939
1991	252,981	123,210	7,444	7,393	25,216	13,491	7,208	8,029	11,205	20,923	22,301
1992	256,514	123,722	7,614	7,447	25,752	13,775	6,949	7,797	11,391	20,503	22,494
1993	259,919	124,371	7,887	7,549	26,212	14,096	6,985	7,333	11,657	20,069	22,584
1994	263,126	124,976	8,089	7,725	26,492	14,637	7,047	7,071	11,585	19,740	22,590
1995	266,278	125,478	8,107	8,000	26,225	15,013	7,182	7,103	11,197	19,680	22,372
1996	269,394	125,924	8,022	8,206	27,168	15,443	7,399	7,161	10,715	19,864	21,945
1997	272,647	126,422	7,915	8,232	27,683	15,769	7,569	7,309	10,601	19,899	21,446
1998	275,854	126,939	7,841	8,152	28,302	15,829	7,892	7,520	10,647	19,804	20,953
1999	279,040	127,446	7,772	8,041	28,763	16,007	8,094	7,683	10,908	19,575	20,603
2000	282,224	128,017	7,727	7,965	29,073	16,096	8,159	7,979	11,161	19,267	20,589
2001	285,318	128,568	7,652	7,884	29,165	16,204	8,137	8,230	11,481	19,023	20,792
2002	288,369	129,214	7,659	7,767	29,154	16,365	8,128	8,264	11,949	18,972	20,956

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, Nos. 1000, 1022, 1045, 1057, 1059, 1092, 1095; U.S. Population Estimates, by Age, Sex, Race, and Hispanic Origin: 1990 to 2000, PPL-91R; and previously unpublished tabulations. (This table was prepared October 2003.)**Table 16. Estimates of school-age resident population, by race and sex: July 1, 1970 to July 1, 2002**

[In thousands]

Year	Total			White			Black			Other races		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
1970	52,593	26,793	25,801	44,783	22,877	21,906	7,108	3,561	3,547	703	355	349
1971	52,562	26,780	25,782	44,644	22,809	21,834	7,182	3,600	3,583	737	371	365
1972	52,316	26,658	25,658	44,336	22,655	21,681	7,211	3,615	3,596	768	388	380
1973	51,910	26,456	25,455	43,898	22,434	21,464	7,213	3,617	3,596	799	405	394
1974	51,498	26,249	25,249	43,454	22,210	21,244	7,213	3,618	3,596	830	420	409
1975	51,044	26,022	25,022	42,950	21,956	20,994	7,199	3,611	3,588	895	456	440
1976	50,633	25,822	24,811	42,477	21,721	20,755	7,208	3,617	3,591	948	483	465
1977	49,897	25,456	24,441	41,737	21,350	20,386	7,167	3,600	3,568	994	506	487
1978	49,038	25,024	24,013	40,883	20,919	19,964	7,116	3,576	3,540	1,039	530	509
1979	48,041	24,524	23,517	39,910	20,427	19,484	7,037	3,538	3,498	1,094	560	536
1980	47,232	24,135	23,097	39,002	19,982	19,020	6,989	3,520	3,469	1,241	633	608
1981	46,319	23,676	22,643	38,105	19,527	18,578	6,872	3,474	3,398	1,342	675	667
1982	45,585	23,309	22,276	37,365	19,153	18,212	6,826	3,442	3,384	1,394	714	680
1983	45,020	23,031	21,989	36,800	18,873	17,927	6,762	3,412	3,350	1,458	746	712
1984	44,788	22,920	21,868	36,509	18,731	17,778	6,743	3,404	3,339	1,536	785	751
1985	44,782	22,927	21,855	36,393	18,679	17,714	6,729	3,400	3,329	1,660	848	812
1986	44,903	22,996	21,907	36,408	18,701	17,707	6,802	3,438	3,364	1,693	857	836
1987	45,005	23,056	21,949	36,361	18,674	17,687	6,841	3,460	3,381	1,803	922	881
1988	45,051	23,086	21,965	36,279	18,637	17,642	6,881	3,482	3,399	1,891	967	924
1989	44,947	23,036	21,911	36,122	18,550	17,572	6,867	3,475	3,392	1,958	1,011	947
1990	45,325	23,235	22,090	36,326	18,671	17,655	6,923	3,505	3,418	2,075	1,059	1,016
1991	45,922	23,545	22,377	36,758	18,895	17,863	7,018	3,555	3,463	2,146	1,095	1,051
1992	46,646	23,919	22,727	37,274	19,160	18,113	7,150	3,625	3,525	2,222	1,134	1,089
1993	47,371	24,290	23,081	37,768	19,413	18,356	7,295	3,700	3,595	2,308	1,177	1,131
1994	48,205	24,718	23,487	38,344	19,707	18,637	7,471	3,792	3,679	2,390	1,220	1,171
1995	49,023	25,138	23,884	38,920	20,001	18,919	7,622	3,871	3,751	2,481	1,266	1,214
1996	49,816	25,544	24,273	39,468	20,278	19,189	7,769	3,947	3,821	2,580	1,318	1,262
1997	50,505	25,892	24,612	39,941	20,515	19,427	7,891	4,011	3,879	2,673	1,366	1,307
1998	50,915	26,103	24,812	40,196	20,643	19,553	7,970	4,054	3,916	2,748	1,406	1,342
1999	51,257	26,278	24,979	40,399	20,744	19,655	8,040	4,091	3,949	2,818	1,443	1,375
2000	51,478	26,390	25,088	40,522	20,804	19,717	8,073	4,109	3,964	2,884	1,477	1,407
2001	53,253	27,292	25,961	40,918	21,025	19,893	8,371	4,251	4,120	3,964	2,017	1,947
2002	53,285	27,293	25,992	40,872	20,991	19,881	8,369	4,247	4,122	4,044	2,055	1,989

NOTE: School-age population includes persons 5 to 17 years of age. All columns include persons of Hispanic origin. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, Nos. 1000, 1022, 1045, 1057, 1092; U.S. Population Estimates, by Age, Sex, Race, and Hispanic Origin: 1990 to 1999, PPL-91R; and unpublished data. (This table was prepared April 2001.)SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, Nos. 1000, 1022, 1045, 1057, 1092; U.S. Population Estimates,

Table 17. Estimated total and school-age resident populations, by state: Selected years, 1970 to 2002

[In thousands]

State	1970 ¹		1980 ¹		1985 ²		1990 ¹		2000 ²		2001 ²		2002 ¹	
	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States³	203,302	52,540	226,546	47,407	237,924	44,782	248,765	45,178	282,224	53,134	285,318	53,253	288,369	53,285
Alabama	3,444	934	3,894	866	3,973	798	4,040	774	4,452	818	4,469	816	4,487	808
Alaska	303	88	402	92	532	112	550	117	628	142	634	142	644	143
Arizona	1,775	486	2,718	578	3,184	601	3,665	686	5,167	1,021	5,307	1,031	5,456	1,057
Arkansas	1,923	498	2,286	496	2,327	461	2,351	455	2,679	499	2,695	497	2,710	494
California	19,971	4,999	23,668	4,681	26,441	4,752	29,786	5,344	34,010	6,803	34,600	6,864	35,116	6,907
Colorado	2,210	589	2,890	592	3,209	599	3,294	607	4,327	821	4,431	824	4,507	830
Connecticut	3,032	768	3,108	638	3,201	549	3,287	520	3,412	631	3,435	636	3,461	649
Delaware	548	148	594	125	618	113	666	114	787	140	797	140	807	138
District of Columbia ..	757	164	638	109	635	88	607	80	572	78	574	80	571	78
Florida	6,791	1,609	9,746	1,789	11,351	1,792	12,938	2,011	16,051	2,785	16,373	2,791	16,713	2,847
Georgia	4,588	1,223	5,463	1,231	5,963	1,195	6,478	1,230	8,234	1,593	8,406	1,603	8,560	1,620
Hawaii	770	204	965	198	1,040	194	1,108	196	1,213	214	1,227	214	1,245	212
Idaho	713	200	944	213	994	223	1,007	228	1,300	273	1,321	272	1,341	270
Illinois	11,110	2,859	11,427	2,401	11,400	2,192	11,431	2,095	12,441	2,358	12,520	2,368	12,601	2,365
Indiana	5,195	1,386	5,490	1,200	5,459	1,087	5,544	1,056	6,092	1,159	6,127	1,161	6,159	1,166
Iowa	2,825	743	2,914	604	2,830	543	2,777	525	2,929	532	2,932	528	2,937	517
Kansas	2,249	573	2,364	468	2,427	452	2,478	472	2,693	517	2,702	515	2,716	509
Kentucky	3,221	844	3,661	800	3,695	745	3,687	703	4,049	701	4,069	700	4,093	678
Louisiana	3,645	1,041	4,206	969	4,408	937	4,222	891	4,470	888	4,470	881	4,483	863
Maine	994	260	1,125	243	1,163	222	1,228	223	1,277	222	1,284	220	1,294	214
Maryland	3,924	1,038	4,217	895	4,413	788	4,781	803	5,312	1,005	5,386	1,010	5,458	1,014
Massachusetts	5,689	1,407	5,737	1,153	5,881	989	6,016	940	6,362	1,079	6,401	1,085	6,428	1,076
Michigan	8,882	2,450	9,262	2,067	9,076	1,824	9,295	1,754	9,956	1,909	10,006	1,911	10,050	1,907
Minnesota	3,806	1,051	4,076	865	4,184	796	4,376	829	4,934	946	4,985	942	5,020	933
Mississippi	2,217	635	2,521	599	2,588	576	2,575	550	2,849	561	2,860	559	2,872	551
Missouri	4,678	1,183	4,917	1,008	5,000	941	5,117	944	5,605	1,044	5,637	1,041	5,673	1,030
Montana	694	197	787	167	822	167	799	163	903	170	905	168	909	164
Nebraska	1,485	389	1,570	324	1,585	305	1,578	309	1,713	328	1,720	326	1,729	322
Nevada	489	127	800	160	951	166	1,202	204	2,019	389	2,098	395	2,173	412
New Hampshire	738	189	921	196	997	182	1,109	194	1,240	234	1,259	234	1,275	235
New Jersey	7,171	1,797	7,365	1,528	7,566	1,340	7,748	1,269	8,433	1,532	8,511	1,545	8,590	1,560
New Mexico	1,017	311	1,303	303	1,438	304	1,515	320	1,822	373	1,831	371	1,855	368
New York	18,241	4,358	17,558	3,552	17,792	3,173	17,991	3,000	19,000	3,399	19,084	3,412	19,158	3,385
North Carolina	5,084	1,323	5,882	1,254	6,254	1,175	6,632	1,147	8,082	1,451	8,206	1,461	8,320	1,484
North Dakota	618	175	653	136	677	133	639	127	641	116	637	114	634	110
Ohio	10,657	2,820	10,798	2,307	10,735	2,090	10,847	2,012	11,364	2,123	11,390	2,122	11,421	2,115
Oklahoma	2,559	640	3,025	622	3,271	635	3,146	609	3,454	647	3,470	641	3,494	635
Oregon	2,092	534	2,633	525	2,673	504	2,842	521	3,431	629	3,473	628	3,522	629
Pennsylvania	11,801	2,925	11,864	2,376	11,771	2,079	11,883	1,996	12,286	2,176	12,303	2,168	12,335	2,151
Rhode Island	950	225	947	186	969	163	1,003	159	1,051	181	1,060	181	1,070	179
South Carolina	2,591	720	3,122	703	3,303	663	3,486	662	4,024	726	4,062	725	4,107	713
South Dakota	666	187	691	147	698	139	696	144	756	149	758	147	761	145
Tennessee	3,926	1,002	4,591	972	4,715	903	4,877	882	5,703	1,018	5,749	1,020	5,797	1,021
Texas	11,199	3,002	14,229	3,137	16,273	3,318	16,986	3,437	20,955	4,324	21,371	4,342	21,780	4,384
Utah	1,059	312	1,461	350	1,643	418	1,723	457	2,243	502	2,279	501	2,316	494
Vermont	445	118	511	109	530	100	563	102	610	111	613	109	617	108
Virginia	4,651	1,197	5,347	1,114	5,715	1,039	6,189	1,060	7,106	1,283	7,197	1,287	7,294	1,294
Washington	3,413	881	4,132	826	4,400	816	4,867	893	5,912	1,118	5,993	1,116	6,069	1,117
West Virginia	1,744	442	1,950	414	1,907	383	1,793	337	1,807	298	1,801	295	1,802	292
Wisconsin	4,418	1,203	4,706	1,011	4,748	908	4,892	927	5,374	1,021	5,406	1,014	5,441	1,000
Wyoming	332	92	470	101	500	108	454	101	494	96	494	94	499	92

¹ As of April 1.² Estimates as of July 1.³ Includes members of the Armed Forces residing in each state.SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, No. 1095 at the national level, CPH-L-74 (1990 data), SF1-P12 (2000 data); and unpublished data. (This table was prepared October 2003.)

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

Table 18. Families, by family status and presence of own children under 18: Selected years, 1970 to 2002

Family status	1970	1980	1985	1990	1995	1997	1998	1999	2000	2001	2002	Change, 1970 to 1980	Change, 1980 to 2002
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	In thousands											Percent change	
All families	51,456	59,550	62,706	66,090	69,305	70,241	70,880	71,535	72,025	73,767	74,329	15.7	24.8
Married-couple family	44,728	49,112	50,350	52,317	53,858	53,604	54,317	54,770	55,311	56,592	56,747	9.8	15.5
Without own children under 18	19,196	24,151	26,140	27,780	28,617	28,521	29,048	29,703	30,062	30,612	30,955	25.8	28.2
With own children under 18	25,532	24,961	24,210	24,537	25,241	25,083	25,269	25,066	25,248	25,980	25,792	-2.2	3.3
One own child under 18	8,163	9,671	9,640	9,583	9,564	9,510	9,507	9,545	9,402	9,958	9,832	18.5	1.7
Two own children under 18	8,045	9,488	9,456	9,784	10,358	10,152	10,241	10,040	10,274	10,478	10,440	17.9	10.0
Three or more own children under 18	9,325	5,802	5,115	5,170	5,319	5,420	5,521	5,481	5,572	5,544	5,519	-37.8	-4.9
Other family, male householder, no spouse present	1,228	1,733	2,228	2,884	3,226	3,847	3,911	3,976	4,028	4,275	4,438	41.1	156.1
Without own children under 18	887	1,117	1,331	1,731	1,786	2,138	2,113	2,270	2,242	2,438	2,535	25.9	126.9
With own children under 18	341	616	896	1,153	1,440	1,709	1,798	1,706	1,786	1,836	1,903	80.6	208.9
One own child under 18	179	374	584	723	891	1,003	1,117	1,023	1,131	1,113	1,162	108.9	210.7
Two own children under 18	87	165	213	307	405	513	456	480	483	544	538	89.7	226.1
Three or more own children under 18	75	77	100	123	144	192	225	202	171	179	202	2.7	162.3
Other family, female householder, no spouse present	5,500	8,705	10,129	10,890	12,220	12,790	12,652	12,789	12,687	12,900	13,143	58.3	51.0
Without own children under 18	2,642	3,261	4,123	4,290	4,606	4,916	4,960	4,948	5,116	5,362	5,133	23.4	57.4
With own children under 18	2,858	5,445	6,006	6,599	7,615	7,874	7,693	7,841	7,571	7,538	8,010	90.5	47.1
One own child under 18	1,008	2,398	2,885	3,225	3,633	3,821	3,739	3,763	3,777	3,675	3,967	137.9	65.4
Two own children under 18	810	1,817	1,977	2,173	2,450	2,629	2,425	2,549	2,458	2,476	2,580	124.3	42.0
Three or more own children under 18	1,040	1,230	1,144	1,202	1,531	1,423	1,529	1,529	1,336	1,388	1,463	18.3	18.9
	Percent of all families											Change in percentage points	
All families	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†	†
Married-couple family	86.9	82.5	80.3	79.2	77.7	76.3	76.6	76.6	76.8	76.7	76.3	-4.5	-6.1
Without own children under 18	37.3	40.6	41.7	42.0	41.3	40.6	41.0	41.5	41.7	41.5	41.6	3.3	1.1
With own children under 18	49.6	41.9	38.6	37.1	36.4	35.7	35.7	35.0	35.1	35.2	34.7	-7.7	-7.2
One own child under 18	15.9	16.2	15.4	14.5	13.8	13.5	13.4	13.3	13.1	13.5	13.2	0.4	-3.0
Two own children under 18	15.6	15.9	15.1	14.8	14.9	14.5	14.4	14.0	14.3	14.2	14.0	0.3	-1.9
Three or more own children under 18	18.1	9.7	8.2	7.8	7.7	7.7	7.8	7.7	7.7	7.5	7.4	-8.4	-2.3
Other family, male householder, no spouse present	2.4	2.9	3.6	4.4	4.7	5.5	5.5	5.6	5.6	5.8	6.0	0.5	3.1
Without own children under 18	1.7	1.9	2.1	2.6	2.6	3.0	3.0	3.2	3.1	3.3	3.4	0.2	1.5
With own children under 18	0.7	1.0	1.4	1.7	2.1	2.4	2.5	2.4	2.5	2.5	2.6	0.4	1.5
One own child under 18	0.3	0.6	0.9	1.1	1.3	1.4	1.6	1.4	1.6	1.5	1.6	0.3	0.9
Two own children under 18	0.2	0.3	0.3	0.5	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.1	0.4
Three or more own children under 18	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.3	#	0.1
Other family, female householder, no spouse present	10.7	14.6	16.2	16.5	17.6	18.2	17.8	17.9	17.6	17.5	17.7	3.9	3.1
Without own children under 18	5.1	5.5	6.6	6.5	6.6	7.0	7.0	6.9	7.1	7.3	6.9	0.3	1.4
With own children under 18	5.6	9.1	9.6	10.0	11.0	11.2	10.9	11.0	10.5	10.2	10.8	3.6	1.6
One own child under 18	2.0	4.0	4.6	4.9	5.2	5.4	5.3	5.3	5.2	5.0	5.3	2.1	1.3
Two own children under 18	1.6	3.1	3.2	3.3	3.5	3.7	3.4	3.6	3.4	3.4	3.5	1.5	0.4
Three or more own children under 18	2.0	2.1	1.8	1.8	2.2	2.0	2.2	2.1	1.9	1.9	2.0	#	#

† Not applicable.

Rounds to zero.

NOTE: Own children are never-married sons and daughters, including stepchildren and adopted children, of the householder or married couple. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, Series P-20, Household and Family Characteristics*, selected years 1995-98, *America's Families and Living Arrangements*, 1999 and 2000; and *Children's Living Arrangements and Characteristics*, 2001, and 2002; and previously unpublished tabulations. (This table was prepared August 2003.)

Table 19. Characteristics of families with own children under 18, by family status and race/ethnicity: 2002
 [Counts in thousands]

Family characteristic	All races ¹						White, non-Hispanic						Black, non-Hispanic						Hispanic					
	Total		Married-couple families		Other families		Total		Married-couple families		Other families		Total		Married-couple families		Other families		Total		Married-couple families		Other families	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Total families	74,329	56,747	4,438	13,143	53,619	44,117	2,618	6,884	8,549	4,074	749	3,727	8,516	5,778	817	1,922								
Total families with own children under 18	35,705	25,792	1,903	8,010	23,532	18,415	1,190	3,927	4,862	2,041	318	2,503	5,343	3,754	330	1,259								
Percent of all families	48.0	45.5	42.9	60.9	43.9	41.7	45.5	57.0	56.9	50.1	42.5	67.2	62.7	65.0	40.4	65.5								
Percent distribution	100.0	72.2	5.3	22.4	100.0	78.3	5.1	16.7	100.0	42.0	6.5	51.5	100.0	70.3	6.2	23.6								
Families with—																								
1 child under 18	14,961	9,832	1,162	3,967	9,977	7,169	726	2,082	2,185	794	201	1,190	1,913	1,190	191	533								
2 children under 18	13,559	10,440	538	2,580	9,270	7,588	350	1,332	1,615	769	81	766	1,941	1,461	95	385								
3 children under 18	5,300	4,058	157	1,085	3,245	2,733	89	423	757	339	29	389	1,054	789	35	230								
4 or more under 18	1,885	1,461	45	378	1,041	925	25	91	305	140	7	158	434	315	8	111								
Total families with own children under 6	15,376	11,531	802	3,044	9,634	7,850	450	1,334	2,020	869	131	1,021	2,821	2,051	195	575								
Percent of all families	20.7	20.3	18.1	23.2	18.0	17.8	17.2	19.4	23.6	21.3	17.5	27.4	33.1	35.5	23.9	29.9								
Percent distribution	100.0	75.0	5.2	19.8	100.0	81.5	4.7	13.8	100.0	43.0	6.5	50.5	100.0	72.7	6.9	20.4								
Families with—																								
1 child under 6	10,760	7,828	637	2,296	6,655	5,258	364	1,032	1,456	596	106	754	2,002	1,434	145	424								
2 children under 6	3,946	3,192	138	616	2,556	2,220	75	261	470	242	21	207	694	533	38	123								
3 or more under 6	671	512	27	132	424	372	11	41	94	31	4	60	125	84	12	28								
Total families with own children under 3	8,909	6,862	467	1,580	5,593	4,691	243	668	1,136	516	85	535	1,676	1,228	122	325								
Percent of all families	12.0	12.1	10.5	12.0	10.4	10.6	9.3	9.6	13.3	12.7	11.3	14.4	19.7	21.3	14.9	16.9								
Percent distribution	100.0	77.0	5.2	17.7	100.0	83.9	4.3	11.8	100.0	45.4	7.5	47.1	100.0	73.3	7.3	19.4								
Families with—																								
1 child under 3	7,840	6,031	408	1,400	4,884	4,073	221	590	1,009	472	71	466	1,500	1,107	102	291								
2 or more under 3	1,070	831	59	180	709	618	23	67	127	44	14	69	176	122	20	34								

¹ Race of family is defined as race of head of household. Columns 2, 3, 4, and 5 include races other than White, non-Hispanic, Black, non-Hispanic, and Hispanic.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, Series P-20-547, Children's Living Arrangements and Characteristics, March 2002*. (This table was prepared August 2003.)

NOTE: Own children are never-married sons and daughters, including stepchildren and adopted children, of the householder or married couple. Detail may not sum to totals due to rounding.

Table 20. Household income and poverty rates, by state: 1990 and 1999–2001

State	Median household income ¹			Percent of persons below the poverty level			Poverty status of related children 5 to 17 years old ²							
	1990 ³	1999–2001		1990 ³	1999–2001		1990 ³				2001			
		Three-year average	Standard error		Three-year average	Standard error	Number in poverty (in thousands)	Standard error (in thousands)	Percent in poverty	Standard error	Number in poverty (in thousands)	Standard error (in thousands)	Percent in poverty	Standard error
	Total			Total										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	\$42,765	\$42,873	\$109	13.1	11.6	0.1	7,918	225	17.7	0.49	7,891	169	15.1	0.32
Alabama	33,359	36,693	787	18.3	14.8	0.9	175	7	22.7	0.97	174	25	21.1	2.72
Alaska	56,126	55,426	1,278	9.0	7.9	0.7	15	1	12.9	0.97	14	3	10.3	1.81
Arizona	41,738	40,965	905	15.7	12.9	0.9	145	7	21.5	1.09	214	33	20.1	2.76
Arkansas	32,544	31,798	697	19.1	16.3	1.0	101	5	22.3	1.16	124	18	25.0	3.09
California	47,546	47,243	507	12.5	13.1	0.4	978	83	18.7	1.58	1,101	85	15.4	1.10
Colorado	43,894	50,053	941	11.7	9.0	0.7	92	4	15.4	0.67	90	16	10.5	1.76
Connecticut	55,515	52,887	1,203	6.8	7.4	0.7	51	5	9.9	1.03	58	11	9.6	1.79
Delaware	43,995	50,301	1,276	8.7	8.5	0.8	14	1	12.4	0.85	13	3	8.5	1.88
District of Columbia	39,122	41,539	897	16.9	16.1	1.1	17	1	22.5	0.97	24	4	30.9	3.99
Florida	38,112	38,141	445	12.7	12.0	0.5	362	24	18.3	1.22	499	48	17.5	1.55
Georgia	39,363	42,508	779	14.7	12.6	0.8	236	9	19.4	0.79	301	45	18.4	2.48
Hawaii	55,588	49,232	1,034	8.3	10.4	0.8	24	3	12.5	1.46	32	6	14.6	2.40
Idaho	36,141	38,310	869	13.3	12.7	0.9	37	2	16.6	0.85	36	7	13.1	2.25
Illinois	46,477	47,578	693	11.9	10.2	0.5	349	21	16.8	1.03	342	39	15.3	1.60
Indiana	38,459	41,921	822	10.7	7.9	0.6	141	8	13.5	0.79	105	20	9.6	1.71
Iowa	38,973	42,255	729	11.5	7.7	0.7	70	4	13.5	0.79	32	8	6.1	1.52
Kansas	42,728	41,097	1,072	11.5	10.1	0.8	64	3	13.7	0.67	58	11	12.3	2.12
Kentucky	35,391	37,184	806	19.0	12.4	0.9	159	7	22.9	0.97	108	19	15.5	2.47
Louisiana	31,999	33,194	774	23.6	17.5	1.1	270	14	30.5	1.64	188	28	21.3	2.79
Maine	39,225	38,733	751	10.8	10.3	0.8	29	3	13.2	1.22	22	4	11.2	2.03
Maryland	55,497	55,013	1,264	8.3	7.3	0.7	100	6	12.6	0.73	73	16	6.8	1.47
Massachusetts	51,769	49,018	1,176	8.9	10.2	0.7	108	11	11.6	1.16	110	20	11.3	1.96
Michigan	42,757	46,929	727	13.1	9.7	0.5	299	19	17.2	1.09	206	29	11.6	1.53
Minnesota	44,939	52,804	1,073	10.2	6.8	0.6	98	7	11.9	0.79	70	15	8.1	1.69
Mississippi	28,819	33,305	954	25.2	16.8	1.1	178	10	32.4	1.88	131	19	24.0	3.08
Missouri	39,036	43,884	859	13.3	10.2	0.8	161	6	17.3	0.67	108	21	10.7	1.92
Montana	33,385	32,929	660	16.1	14.4	1.0	31	1	19.4	0.79	22	5	13.7	2.60
Nebraska	39,251	42,518	838	11.1	9.7	0.8	42	3	13.9	0.85	39	7	12.5	2.20
Nevada	45,736	45,493	946	10.2	9.0	0.7	26	2	13.1	0.97	37	8	8.9	1.70
New Hampshire	58,279	50,866	997	6.4	6.2	0.7	14	2	7.1	1.22	16	4	7.1	1.61
New Jersey	55,321	52,137	807	7.6	7.7	0.5	145	15	11.5	1.16	124	21	8.9	1.47
New Mexico	35,761	34,599	1,022	20.6	18.8	1.2	77	4	24.3	1.34	85	13	24.1	3.32
New York	45,119	42,157	498	13.0	14.1	0.5	534	39	18.0	1.28	624	51	19.0	1.40
North Carolina	37,604	39,040	648	13.0	12.9	0.7	184	12	16.2	0.97	216	31	14.7	1.95
North Dakota	36,083	35,830	799	14.4	12.4	0.9	19	1	15.2	0.67	16	3	16.7	2.71
Ohio	42,865	42,631	578	12.5	10.8	0.6	338	22	16.9	1.09	294	36	15.0	1.70
Oklahoma	34,826	34,554	721	16.7	14.3	0.9	128	5	21.2	0.73	113	18	18.0	2.59
Oregon	41,820	42,701	720	12.4	11.8	0.9	86	4	16.8	0.79	87	15	13.8	2.29
Pennsylvania	41,426	42,320	623	11.1	9.2	0.5	290	20	14.7	1.03	257	32	12.7	1.50
Rhode Island	45,658	44,825	1,012	9.6	10.0	0.8	22	1	13.7	0.85	16	3	9.1	1.76
South Carolina	41,040	38,362	899	15.4	12.7	0.9	128	6	19.4	0.85	169	23	22.2	2.71
South Dakota	35,093	38,407	592	15.9	9.0	0.7	27	2	18.7	1.28	9	2	6.9	1.61
Tennessee	32,266	36,542	741	15.7	13.2	0.9	174	8	20.0	0.91	169	30	17.3	2.75
Texas	40,316	40,547	576	18.1	15.2	0.5	813	40	23.8	1.16	897	74	20.4	1.50
Utah	43,050	48,378	1,007	11.4	8.0	0.7	63	3	13.8	0.67	54	10	10.8	1.90
Vermont	44,415	41,888	791	9.9	9.8	0.8	12	1	12.3	1.16	9	2	9.9	2.08
Virginia	50,092	49,085	964	10.2	8.0	0.7	149	9	14.2	0.85	99	23	7.4	1.64
Washington	45,863	44,835	1,108	10.9	10.4	0.8	130	5	14.9	0.61	134	25	12.1	2.13
West Virginia	31,617	30,342	602	19.7	15.6	0.9	80	5	24.1	1.46	56	9	20.5	2.79
Wisconsin	43,862	46,734	962	10.7	8.6	0.7	120	7	13.1	0.79	111	19	12.1	1.98
Wyoming	42,076	40,007	838	11.9	10.3	0.8	14	1	13.7	0.79	7	2	8.9	1.98

¹ In 2001 dollars adjusted by the Consumer Price Index for all urban consumers.

² Related children in a family include own children and all other children in the household who are related to the householder by birth, marriage, or adoption.

³ Based on 1989 incomes collected in the 1990 Census. Data may differ from figures derived from the Current Population Survey.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Decennial Census, *Minority Economic Profiles*, unpublished data; and *Current Population Reports*, Series P-60, "Poverty in the United States," "Money Income of Households, Families, and Persons in the United States," and "Income, Poverty, and Valuation of Noncash Benefits," various years, and "Money Income in the U.S.: 2001," P60–218. (This table was prepared October 2002.)

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

Table 22. Average grade that the public would give the public schools in their community and in the nation at large: 1974 to 2003

Year	All adults		No children in school		Public school parents		Private school parents	
	Nation	Local community	Nation	Local community	Nation	Local community	Nation	Local community
	2	3	4	5	6	7	8	9
1974	—	2.63	—	2.57	—	2.80	—	2.15
1975	—	2.38	—	2.31	—	2.49	—	1.81
1976	—	2.38	—	2.34	—	2.48	—	2.22
1977	—	2.33	—	2.25	—	2.59	—	2.05
1978	—	2.21	—	2.11	—	2.47	—	1.69
1979	—	2.21	—	2.15	—	2.38	—	1.88
1980	—	2.26	—	—	—	—	—	—
1981	1.94	2.20	—	2.12	—	2.36	—	1.88
1982	2.01	2.24	2.04	2.18	2.01	2.35	2.02	2.20
1983	1.91	2.12	1.92	2.10	1.92	2.31	1.82	1.89
1984	2.09	2.36	2.11	2.30	2.11	2.49	2.04	2.17
1985	2.14	2.39	2.16	2.36	2.20	2.44	1.93	2.00
1986	2.13	2.36	—	2.29	—	2.55	—	2.14
1987	2.18	2.44	2.20	2.38	2.22	2.61	2.03	2.01
1988	2.08	2.35	2.02	2.32	2.13	2.48	2.00	2.13
1989	2.01	2.35	1.99	2.27	2.06	2.56	1.93	2.12
1990	1.99	2.29	1.98	2.27	2.03	2.44	1.85	2.09
1991	2.00	2.36	—	—	—	—	—	—
1992	1.93	2.30	1.92	—	1.94	2.73	1.85	—
1993	1.95	2.41	1.97	2.40	1.97	2.48	1.80	2.11
1994	1.95	2.26	1.95	2.16	1.90	2.55	1.86	1.90
1995	1.97	2.28	1.98	2.25	1.93	2.41	1.81	1.85
1996	1.93	2.30	1.91	2.22	2.00	2.56	1.80	1.86
1997	1.97	2.35	1.99	2.27	2.01	2.56	1.99	1.87
1998	1.93	2.41	1.92	2.36	1.96	2.51	1.81	2.20
1999	2.02	2.44	2.03	2.42	1.97	2.56	—	—
2000	1.98	2.47	1.94	2.44	2.05	2.59	—	—
2001	2.01	2.47	2.00	2.42	2.04	2.66	—	—
2002	2.08	2.44	2.08	2.40	2.06	2.61	—	—
2003	2.11	2.41	2.09	2.32	2.16	2.57	—	—

—Not available.

SOURCE: Phi Delta Kappa, Phi Delta Kappan "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," selected years 1974–2003. (This table was prepared August 2003.)

NOTE: Average based on a scale where A=4, B=3, C=2, D=1, and F=0.

Table 23. Items most frequently cited by the general public as a major problem facing the local public schools: Selected years, 1970 to 2003

Problem	Percent																			
	1970	1975	1980	1985	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Lack of discipline	18	23	26	25	19	19	20	17	15	18	15	15	15	14	18	15	15	17	16	
Lack of financial support	17	14	10	9	13	13	18	22	21	13	11	13	15	12	9	18	15	23	25	
Fighting/violence/gangs	—	—	—	—	—	—	—	9	13	18	9	14	12	15	11	11	10	9	4	
Use of drugs	11	9	14	18	34	38	22	22	16	11	7	16	14	10	8	9	9	13	9	
Standards/quality of education	—	—	—	—	—	—	—	—	—	8	4	—	8	6	2	5	—	—	4	
Large schools/overcrowding	—	10	7	5	8	7	9	9	8	7	3	8	8	8	8	12	10	17	14	
Lack of respect	—	—	—	—	—	—	—	—	—	3	3	2	—	2	2	2	—	—	—	
Lack of family structure/problems of home life	—	—	—	—	—	—	—	—	—	5	3	4	—	—	—	—	—	—	—	
Crime/vandalism	—	—	—	—	—	—	—	—	—	4	2	3	—	2	5	5	—	—	—	
Getting good teachers	12	11	6	10	7	7	11	5	5	3	2	3	3	5	4	4	6	8	5	
Parents' lack of interest	3	2	6	3	6	4	7	5	4	3	2	—	—	2	4	4	—	—	—	
Poor curriculum/standards	6	5	11	11	8	8	10	9	9	3	2	3	—	1	2	2	—	—	—	
Pupils' lack of interest/truancy	—	3	5	5	3	6	5	3	4	3	2	5	6	5	2	—	—	—	—	
Integration/segregation/racial discrimination	17	15	10	4	4	5	5	4	4	3	2	2	—	—	—	—	—	—	—	
Management of funds/programs	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	
Moral standards	—	—	—	2	3	3	3	4	3	—	—	—	—	2	2	—	—	—	—	
Low teacher pay	—	—	—	2	4	6	4	3	3	—	—	—	—	2	2	4	—	—	4	
Teachers' lack of interest	—	—	6	4	4	4	2	2	—	—	—	—	—	—	—	—	—	—	—	
Drinking/alcoholism	—	—	2	3	4	4	2	2	—	—	—	—	—	—	—	—	—	—	—	
Lack of proper facilities	11	3	2	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	

—Not available.

SOURCE: Phi Delta Kappa, Phi Delta Kappan "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," selected years 1970–2003. (This table was prepared August 2003.)

NOTE: Respondents were permitted to select multiple or no major problems.

Table 24. Public opinion on selected education topics: 1997, 2000, 2001, and 2002

Question	Percent distribution											
	National totals				No children in school				Public school parents			
	1997	2000	2001	2002	1997	2000	2001	2002	1997	2000	2001	2002
1	2	3	4	5	6	7	8	9	10	11	12	13
In your opinion, is there too much emphasis on achievement testing in the public schools in this community, not enough emphasis on testing, or about the right amount?												
Percent responding	100	100	100	100	100	100	100	100	100	100	100	100
Too much emphasis	20	30	31	31	20	28	29	30	19	34	36	32
Not enough emphasis	28	23	22	19	28	26	22	20	26	19	20	14
Just the right amount of emphasis	48	43	44	47	46	41	45	46	54	46	43	54
Don't know	4	4	3	3	6	5	4	4	1	1	1	#
A proposal has been made that would allow parents to send their school-age children to any public, private, or church-related school they choose. For those parents choosing non-public schools, the government would pay all or part of the tuition. Would you favor or oppose this proposal in your state?												
Percent responding	100	100	100	100	—	—	—	100	100	100	100	100
Favor	49	45	44	52	—	—	—	51	55	47	52	51
Oppose	48	52	54	46	—	—	—	47	43	51	47	46
Don't know	3	3	2	2	—	—	—	2	2	2	1	3

Rounds to zero.
—Not available.

SOURCE: Phi Delta Kappa, *Phi Delta Kappan* "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," 2002. (This table was prepared August 2002.)

NOTE: Detail may not sum to totals due to rounding.

Table 25. Percent of elementary and secondary school children whose parents were involved in school activities, by selected child, parent, and school characteristics: 1996 and 1999

Characteristics of children, parents, and schools	Percent of children in 1996 whose parents ¹ reported that they—				Distribution of children, by parental reports of number of times spent helping with homework per week, 1996 ²				Percent of children in 1999 whose parents ¹ reported that they—			
	At- tended a gen- eral school meeting	At- tended parent- teacher con- ference	At- tended a class event	Volun- teered at school	Less than once per week	1 or 2 times per week	3 or 4 times per week	5 or more times per week	Attended a general school meeting	Attended parent- teacher conference	Attended class event	Volunteered at school
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	76.9	71.8	66.7	38.7	26.7	35.1	25.8	12.3	78.3 (0.4)	72.8 (0.4)	65.4 (0.5)	36.8 (0.4)
Sex of child												
Male	76.3	73.1	65.1	38.1	27.4	33.5	26.2	12.9	78.0 (0.6)	74.0 (0.6)	63.4 (0.6)	36.7 (0.6)
Female	77.5	70.4	68.4	39.4	25.9	36.9	25.4	11.8	78.6 (0.6)	71.5 (0.6)	67.4 (0.6)	37.0 (0.6)
Race/ethnicity of child												
White, non-Hispanic	79.0	72.6	71.6	44.1	28.2	37.0	24.8	10.1	80.5 (0.5)	73.6 (0.5)	71.6 (0.5)	42.7 (0.6)
Black, non-Hispanic	71.6	68.8	56.4	26.8	21.9	30.0	28.6	19.5	74.5 (1.1)	71.1 (1.2)	53.8 (1.3)	26.2 (1.1)
Hispanic	73.6	71.5	54.8	26.3	25.4	31.1	27.9	15.6	73.1 (1.0)	71.0 (1.0)	51.5 (1.1)	24.5 (0.9)
Other non-Hispanic	73.3	71.6	64.0	35.3	24.3	37.5	26.1	12.0	76.7 (1.8)	73.2 (1.9)	62.4 (2.0)	30.7 (1.8)
Highest education level of parents												
Less than high school	57.6	62.8	42.4	16.9	28.7	30.0	24.5	16.7	57.4 (1.7)	60.0 (1.7)	37.8 (1.6)	12.9 (1.1)
High school graduate	71.5	69.2	60.2	30.1	26.4	34.2	25.7	13.6	72.7 (0.8)	69.7 (0.9)	58.7 (0.9)	26.0 (0.8)
Some postsecondary	77.8	72.5	69.2	39.2	26.4	35.8	26.1	11.6	79.1 (0.7)	73.7 (0.7)	66.8 (0.8)	37.5 (0.8)
College graduate	87.4	77.4	76.3	52.2	25.4	38.8	25.3	10.5	87.3 (0.8)	80.3 (0.9)	75.6 (1.0)	49.7 (1.1)
Graduate/professional	88.5	76.3	81.9	56.7	27.9	35.1	26.8	10.2	88.8 (0.7)	75.9 (1.0)	78.9 (0.9)	54.3 (1.1)
Family income												
Less than \$5,000	66.8	69.3	50.4	24.3	23.7	28.3	27.7	20.4	67.0 (2.6)	66.7 (2.6)	47.4 (2.9)	17.6 (2.0)
\$5,001 to \$10,000	64.2	68.3	49.8	22.5	26.7	32.1	27.6	13.7	66.8 (2.0)	67.6 (2.0)	50.7 (2.1)	23.3 (1.8)
\$10,001 to 15,000	66.7	67.5	61.1	28.0	26.8	36.0	22.7	14.6	67.1 (1.8)	70.0 (1.7)	49.9 (1.9)	20.4 (1.5)
\$15,001 to 20,000	69.7	68.8	56.6	25.8	27.7	33.3	23.4	15.6	71.1 (1.7)	70.4 (1.7)	55.1 (1.9)	25.3 (1.7)
\$20,001 to 25,000	69.3	69.4	59.5	27.6	25.9	34.9	26.5	12.7	70.6 (1.6)	67.0 (1.7)	53.4 (1.7)	26.2 (1.5)
\$25,001 to 30,000	72.6	69.9	62.6	32.5	28.1	34.8	27.3	9.8	74.3 (1.5)	71.6 (1.5)	59.1 (1.7)	30.9 (1.6)
\$30,001 to 35,000	79.3	71.4	69.4	40.9	27.9	35.6	24.8	11.6	79.0 (1.4)	73.8 (1.5)	67.6 (1.6)	37.9 (1.7)
\$35,001 to 40,000	78.9	74.3	69.8	40.6	24.9	37.3	27.0	10.7	79.4 (1.3)	73.7 (1.4)	68.4 (1.5)	36.1 (1.6)
\$40,001 to 50,000	81.6	75.5	73.3	44.7	27.1	35.3	25.3	12.4	81.6 (1.0)	75.1 (1.1)	72.8 (1.2)	40.1 (1.3)
\$50,001 to 75,000	85.1	74.0	75.8	48.9	25.9	37.0	26.3	10.8	84.6 (0.8)	74.8 (0.9)	72.6 (0.9)	43.8 (1.0)
Over \$75,000	88.8	74.5	79.5	57.6	28.3	36.6	25.1	9.9	88.5 (0.7)	77.3 (0.8)	79.3 (0.8)	54.9 (1.0)
Child attending public schools	75.3	70.6	64.8	35.4	26.6	35.9	25.4	12.1	76.8 (0.4)	71.4 (0.5)	63.5 (0.5)	33.8 (0.5)
Elementary (kindergarten to grade 8)	80.1	79.8	67.7	39.3	15.5	35.1	33.1	16.2	81.7 (0.5)	80.8 (0.5)	66.7 (0.6)	38.0 (0.6)
Secondary (grades 9 to 12)	63.3	47.6	57.7	25.6	52.0	37.7	7.8	2.5	65.7 (0.9)	50.0 (0.9)	56.2 (0.9)	24.1 (0.8)
Child attending private schools	90.2	82.3	82.8	66.4	27.2	28.7	29.2	14.9	91.4 (0.8)	85.0 (0.9)	81.7 (1.0)	63.8 (1.3)
Elementary (kindergarten to grade 8)	92.2	87.8	86.1	70.8	14.5	28.5	37.0	19.9	93.0 (0.8)	90.2 (0.8)	84.1 (1.1)	68.8 (1.4)
Secondary (grades 9 to 12)	85.0	67.4	73.7	54.4	57.4	29.0	10.8	2.8	85.8 (2.1)	66.7 (2.8)	73.3 (2.5)	46.3 (3.0)

¹ The respondent was the parent most knowledgeable about the child's education. The responding parent reported on their own and their spouse's, or other household adults' activities.

² Includes children enrolled in grades 1 through 12.

NOTE: Except where noted, includes children enrolled in kindergarten through grade 12. Excludes home-schooled children. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The Parent Survey of the National Household Educational Surveys Program. (PFI/CI: 1996) and (Parent: 1999), unpublished tabulations. (This table was prepared May 2003.)

Table 26. Percent of elementary and middle school children whose parents were involved in education-related activities, by selected child, parent, and school characteristics: 1996 and 1999

Characteristics of children, parents, and schools	Percent of children in 1996 whose parents reported that they did the following things with their children in the past month—				Percent of children in 1999 whose parents reported that they did the following things with their children in the past month—							Percent of children in 1999 whose parents reported that they involved their children in the following activities during the past week—		
	Visited a library	Went to a play, concert, or other live show	Visited an art gallery, museum, or historical site	Visited a zoo or aquarium	Visited a library	Went to a play, concert, or other live show	Visited an art gallery, museum, or historical site	Visited a zoo or aquarium	Talked about family history	Attended an event sponsored by a community, religious, or ethnic group	Told a story	Worked on arts or crafts	Worked on household chores	
														2
Total	49.4	32.3	20.8	15.0	48.6 (0.7)	32.1 (0.6)	22.2 (0.6)	14.1 (0.4)	54.9 (0.7)	52.8 (0.7)	69.4 (0.6)	67.9 (0.6)	93.7 (0.3)	
Sex of child														
Male	49.0	30.6	19.9	14.3	47.2 (0.9)	30.5 (0.9)	22.3 (0.8)	13.9 (0.6)	53.3 (0.9)	50.8 (0.9)	69.0 (0.9)	64.2 (0.9)	92.9 (0.5)	
Female	49.9	34.1	21.7	15.7	50.1 (1.0)	33.7 (0.9)	22.2 (0.8)	14.3 (0.6)	56.6 (1.0)	54.9 (1.0)	69.7 (0.9)	71.9 (0.9)	94.6 (0.5)	
Race/ethnicity of child														
White, non-Hispanic	52.1	32.1	20.5	12.3	48.9 (0.9)	33.9 (0.8)	22.3 (0.7)	12.0 (0.5)	52.7 (0.9)	54.6 (0.9)	70.9 (0.8)	72.4 (0.8)	96.1 (0.4)	
Black, non-Hispanic	45.3	38.0	21.6	21.6	47.8 (1.8)	31.2 (1.6)	20.9 (1.4)	15.8 (1.2)	60.1 (1.9)	52.9 (1.9)	64.9 (1.8)	58.6 (1.8)	93.9 (0.8)	
Hispanic	40.1	26.0	19.9	19.0	43.9 (1.5)	24.3 (1.2)	20.7 (1.2)	19.6 (1.1)	53.5 (1.5)	45.7 (1.5)	66.5 (1.4)	59.3 (1.5)	84.5 (1.1)	
Other non-Hispanic	53.5	32.3	24.2	17.4	61.4 (2.9)	34.8 (2.9)	29.8 (2.9)	18.1 (2.0)	70.4 (2.7)	51.6 (3.0)	73.8 (2.7)	69.0 (2.6)	91.8 (1.6)	
Highest education level of parents														
Less than high school	31.3	25.8	16.5	19.3	34.3 (2.3)	17.4 (1.7)	12.1 (1.5)	15.1 (1.6)	44.9 (2.5)	36.6 (2.3)	61.6 (2.4)	54.1 (2.5)	81.4 (1.8)	
High school graduate	41.1	28.0	15.1	14.1	40.3 (1.4)	25.9 (1.2)	16.0 (1.0)	12.9 (0.8)	47.6 (1.4)	42.6 (1.4)	66.5 (1.3)	64.3 (1.3)	92.8 (0.7)	
Some postsecondary	50.9	32.9	19.7	14.1	48.2 (1.2)	31.8 (1.1)	20.9 (0.9)	12.6 (0.7)	57.4 (1.2)	53.6 (1.2)	70.1 (1.1)	69.4 (1.1)	95.8 (0.5)	
College graduate	61.7	36.3	27.0	15.2	57.4 (1.5)	40.3 (1.5)	29.0 (1.4)	15.1 (1.0)	60.2 (1.5)	64.5 (1.4)	74.1 (1.3)	73.8 (1.3)	96.0 (0.6)	
Graduate/professional	65.7	41.8	33.1	15.4	62.4 (1.6)	42.4 (1.6)	34.2 (1.6)	17.5 (1.3)	62.8 (1.6)	65.3 (1.6)	72.0 (1.5)	72.7 (1.5)	95.4 (0.7)	
Family income														
Less than \$5,000	41.8	37.5	18.9	18.4	42.7 (4.3)	24.9 (3.1)	16.5 (2.7)	16.6 (2.6)	54.5 (4.1)	37.3 (3.9)	67.5 (4.1)	55.9 (4.2)	90.9 (2.0)	
\$5,001 to \$10,000	36.4	27.2	15.3	16.9	43.8 (2.9)	21.0 (2.3)	17.7 (2.1)	14.5 (1.9)	49.8 (2.9)	38.8 (2.8)	69.5 (2.7)	58.4 (2.9)	89.9 (1.7)	
\$10,001 to 15,000	37.7	29.4	18.5	16.2	44.8 (2.7)	24.5 (2.2)	18.2 (2.1)	15.3 (2.0)	54.7 (2.7)	45.5 (2.7)	66.7 (2.5)	61.2 (2.6)	91.9 (1.4)	
\$15,001 to 20,000	42.6	25.0	12.4	15.6	43.1 (2.7)	25.8 (2.3)	13.3 (1.6)	13.8 (1.7)	49.2 (2.7)	47.2 (2.7)	62.4 (2.6)	64.1 (2.5)	91.4 (1.4)	
\$20,001 to 25,000	43.7	31.3	20.7	15.2	38.6 (2.3)	26.1 (2.1)	18.6 (1.8)	14.6 (1.5)	53.0 (2.5)	47.4 (2.5)	67.6 (2.4)	63.4 (2.3)	89.8 (1.4)	
\$25,001 to 30,000	44.1	25.4	17.8	15.5	45.3 (2.4)	30.4 (2.3)	20.7 (2.0)	14.4 (1.6)	53.3 (2.4)	50.1 (2.4)	70.6 (2.2)	68.7 (2.2)	94.6 (0.9)	
\$30,001 to 35,000	51.0	29.9	20.7	14.5	49.3 (2.5)	31.1 (2.3)	21.6 (2.1)	11.9 (1.5)	54.7 (2.5)	53.8 (2.4)	69.3 (2.2)	66.2 (2.3)	93.1 (1.5)	
\$35,001 to 40,000	57.1	33.7	18.3	13.0	52.0 (2.4)	34.5 (2.2)	23.5 (2.0)	13.1 (1.4)	57.0 (2.4)	59.2 (2.3)	72.5 (2.1)	71.4 (2.1)	96.2 (0.8)	
\$40,001 to 50,000	55.7	32.5	19.8	12.0	52.1 (2.0)	32.5 (1.8)	22.5 (1.6)	13.1 (1.3)	55.8 (1.9)	58.4 (1.9)	68.9 (1.8)	72.2 (1.7)	95.6 (0.7)	
\$50,001 to 75,000	56.9	33.9	25.1	12.0	51.5 (1.5)	34.6 (1.5)	23.1 (1.3)	12.2 (0.9)	53.8 (1.5)	57.5 (1.5)	70.9 (1.4)	72.5 (1.4)	96.2 (0.6)	
Over \$75,000	60.5	42.1	31.2	17.7	55.5 (1.5)	44.4 (1.5)	31.7 (1.4)	15.8 (1.0)	60.8 (1.5)	62.0 (1.4)	71.4 (1.4)	74.4 (1.3)	95.4 (0.7)	
Child attending public schools	48.3	31.7	19.9	14.7	47.5 (0.7)	30.4 (0.7)	21.0 (0.6)	13.7 (0.5)	54.4 (0.7)	51.1 (0.7)	68.7 (0.7)	67.4 (0.7)	93.6 (0.4)	
Child attending private schools	58.2	37.2	27.8	16.9	56.6 (1.8)	44.2 (1.8)	31.2 (1.6)	17.0 (1.3)	58.5 (1.7)	64.9 (1.7)	73.9 (1.6)	71.6 (1.5)	94.6 (0.8)	

NOTE: The respondent was the parent most knowledgeable about the child's education. The responding parent reported on their own and their spouse's, or other household adults' activities. Includes children enrolled in kindergarten through grade 8. Excludes nursery school and home-schooled children. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The Parent Survey of the National Household Education Surveys Program, (PFI/CI: 1996) and (Parent: 1999), unpublished tabulations. (This table was prepared May 2003.)

Table 27. Public's level of confidence in various institutions: 1996 and 1998

Institution	Percentage of respondents by levels of confidence, 1996					Percentage of respondents by levels of confidence, 1998				
	A great deal	Quite a lot	Some	Very little	No opinion	A great deal	Quite a lot	Some	Very little	No opinion
1	2	3	4	5	6	7	8	9	10	11
Private higher education	18	39	28	8	7	—	—	—	—	—
Small businesses	15	41	33	8	4	25	31	34	9	1
Religious organizations	24	31	31	12	2	34	25	26	12	2
The military	17	37	31	12	3	33	31	25	8	2
Public higher education	15	36	34	12	3	—	—	—	—	—
Private elementary or secondary education	15	35	33	10	7	—	—	—	—	—
Youth development and recreation	15	35	33	12	6	—	—	—	—	—
Public elementary or secondary education	13	32	37	15	2	16	21	40	20	1
Health organizations	11	28	42	16	3	—	—	—	—	—
Federated charitable appeals, e.g., United Way	13	26	35	22	5	—	—	—	—	—
Human services organizations	9	28	43	15	5	—	—	—	—	—
Arts, culture, and humanities organizations	9	27	40	14	10	—	—	—	—	—
Recreation for adults	8	28	42	13	9	—	—	—	—	—
Environmental organizations	9	23	41	20	6	—	—	—	—	—
Private and community foundations	8	24	42	14	13	—	—	—	—	—
Local government	5	26	43	23	2	—	—	—	—	—
Public/society benefit, e.g., civil rights, social justice, community improvement organizations	8	23	43	21	6	—	—	—	—	—
Media, e.g., newspapers, TV, radio	6	23	40	30	2	—	—	—	—	—
Television news	—	—	—	—	—	15	19	40	24	1
Work-related organizations	6	22	47	17	8	—	—	—	—	—
State government	4	22	45	26	3	—	—	—	—	—
International/foreign, e.g., culture exchange, relief organizations	6	19	38	24	13	—	—	—	—	—
Organized labor	7	18	41	29	6	11	15	45	22	5
Major corporations	5	19	44	27	5	—	—	—	—	—
Federal government	5	18	44	31	2	—	—	—	—	—
Organizations that advocate a particular cause	4	16	43	30	8	—	—	—	—	—
Congress	3	12	42	39	4	10	18	48	20	2
Political organizations, e.g., Republican or Democratic parties	4	11	39	43	4	—	—	—	—	—

—Not available.

SOURCE: Independent Sector, The Gallup Organization, *Giving and Volunteering in the United States, 1996 and 1998*. (This table was prepared September 1998.)

NOTE: Institutions are listed in rank order as determined by the combined responses of "a great deal" and "quite a lot" of confidence for 1996. Detail may not sum to totals due to rounding.

Table 28. Households contributing to education and other charitable organizations and average annual donation, by type of charity: 1989, 1991, 1993, and 1995

Type of charity	1989			1991			1993			1995		
	Percent of total households ¹	Average annual contribution		Percent of total households ¹	Average annual contribution		Percent of total households ¹	Average annual contribution		Percent of total households ¹	Average annual contribution	
		Per contributing household	Per total household		Per contributing household	Per total household		Per contributing household	Per total household		Per contributing household	Per total household
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	75.1	\$978	\$734	72.2	\$899	\$649	73.4	\$880	\$646	68.5	\$1,017	\$696
Religious	53.2	896	477	51.3	800	410	49.2	817	402	48.0	868	417
Health	32.4	143	46	32.9	154	51	25.7	139	36	27.3	214	58
Human services	23.0	263	60	27.5	260	71	26.7	208	56	25.1	271	68
Youth development	21.6	129	28	22.1	114	25	17.9	106	19	20.9	137	29
Education	19.1	291	56	21.1	225	47	17.5	424	74	20.3	318	65
Environment	13.4	88	12	16.3	99	16	11.6	89	10	11.5	106	12
Arts, culture, and humanities	9.6	193	19	9.4	194	18	8.1	139	11	9.4	216	20
Public and societal benefit	11.2	120	13	11.2	132	15	11.2	160	18	10.3	122	13
Private and community foundations	6.4	116	7	6.0	113	7	5.3	144	8	6.1	181	11
Recreation, adults	6.2	135	8	6.3	164	10	4.6	193	9	7.0	161	11
International, foreign	4.2	202	8	3.5	198	7	2.8	†	†	6.1	283	17
Other	3.0	195	6	2.8	233	7	4.7	81	4	2.1	160	3

† Reporting standards not met.

¹ Percents do not add to total because of respondents giving to more than one type of charity.

centage of total includes households which reported giving donations, but did not specify amount.

NOTE: Details for total households do not add to totals because details only include households which reported a donation amount for the particular type of charity. The per-

SOURCE: Independent Sector, The Gallup Organization, *Giving and Volunteering in the United States, 1989, 1991, 1993, and 1995*. (This table was prepared April 1997.)

Table 29. Total expenditures of educational institutions related to the gross domestic product, by level of institution: Selected years, 1929–30 to 2001–02

Year	Gross domestic product (in billions)	School year	Total expenditures for education (amounts in millions of current dollars)					
			All educational institutions		All elementary and secondary schools		All colleges and universities	
			Amount	As a percent of gross domestic product	Amount	As a percent of gross domestic product	Amount	As a percent of gross domestic product
1	2	3	4	5	6	7	8	9
1929	\$103.7	1929–30	—	—	—	—	\$632	0.6
1939	92.0	1939–40	—	—	—	—	758	0.8
1949	267.7	1949–50	\$8,911	3.3	\$6,249	2.3	2,662	1.0
1959	507.4	1959–60	23,860	4.7	16,713	3.3	7,147	1.4
1961	545.7	1961–62	28,503	5.2	19,673	3.6	8,830	1.6
1963	618.7	1963–64	34,440	5.6	22,825	3.7	11,615	1.9
1965	720.1	1965–66	43,682	6.1	28,048	3.9	15,634	2.2
1967	834.1	1967–68	55,652	6.7	35,077	4.2	20,575	2.5
1969	985.3	1969–70	68,459	6.9	43,183	4.4	25,276	2.6
1970	1,039.7	1970–71	75,741	7.3	48,200	4.6	27,541	2.6
1971	1,128.6	1971–72	80,672	7.1	50,950	4.5	29,722	2.6
1972	1,240.4	1972–73	86,875	7.0	54,952	4.4	31,923	2.6
1973	1,385.5	1973–74	95,396	6.9	60,370	4.4	35,026	2.5
1974	1,501.0	1974–75	108,664	7.2	68,846	4.6	39,818	2.7
1975	1,635.2	1975–76	118,706	7.3	75,101	4.6	43,605	2.7
1976	1,823.9	1976–77	126,417	6.9	79,194	4.3	47,223	2.6
1977	2,031.4	1977–78	137,042	6.7	86,544	4.3	50,498	2.5
1978	2,295.9	1978–79	148,308	6.5	93,012	4.1	55,296	2.4
1979	2,566.4	1979–80	165,627	6.5	103,162	4.0	62,465	2.4
1980	2,795.6	1980–81	182,849	6.5	112,325	4.0	70,524	2.5
1981	3,131.3	1981–82	197,801	6.3	120,486	3.8	77,315	2.5
1982	3,259.2	1982–83	212,081	6.5	128,725	3.9	83,356	2.6
1983	3,534.9	1983–84	228,597	6.5	139,000	3.9	89,597	2.5
1984	3,932.7	1984–85	247,657	6.3	149,400	3.8	98,257	2.5
1985	4,213.0	1985–86	269,485	6.4	161,800	3.8	107,685	2.6
1986	4,452.9	1986–87	291,974	6.6	175,200	3.9	116,774	2.6
1987	4,742.5	1987–88	313,375	6.6	187,999	4.0	125,376	2.6
1988	5,108.3	1988–89	346,883	6.8	209,377	4.1	137,506	2.7
1989	5,489.1	1989–90	381,525	7.0	230,970	4.2	150,555	2.7
1990	5,803.2	1990–91	412,652	7.1	248,930	4.3	163,722	2.8
1991	5,986.2	1991–92	432,987	7.2	261,255	4.4	171,732	2.9
1992	6,318.9	1992–93	456,070	7.2	274,335	4.3	181,735	2.9
1993	6,642.3	1993–94	477,237	7.2	287,507	4.3	189,730	2.9
1994	7,054.3	1994–95	503,925	7.1	302,400	4.3	201,525	2.9
1995	7,400.5	1995–96	529,596	7.2	318,246	4.3	211,350	2.9
1996	7,813.2	1996–97	562,771	7.2	339,151	4.3	223,620	2.9
1997	8,318.4	1997–98	594,849	7.2	361,415	4.3	233,434	2.8
1998	8,781.5	1998–99	634,232	7.2	384,038	4.4	250,194	2.8
1999	9,274.3	1999–2000	682,838	7.4	411,538	4.4	271,300	2.9
2000	9,824.6	¹ 2000–01	737,918	7.5	442,618	4.5	295,300	3.0
2001	10,082.2	² 2001–02	780,100	7.7	462,700	4.6	317,400	3.1

—Not available.

¹ Preliminary data for public elementary and secondary schools and estimates for colleges and universities.² Estimated.

NOTE: Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Data for private elementary and secondary schools are estimated. Total expenditures for colleges and universities include current-fund expenditures and additions to plant value. Excludes expenditures of postsecondary institutions that do not confer associate or higher degrees. Data for 1995–96 and later years are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs. Some data revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States*, 1919–20 through 1949–50; *Statistics of State School Systems* 1951–52 through 1969–70, Revenues and Expenditure for Public Elementary and Secondary Education, 1970–71 through 1986–87; The NCES Common Core of Data (CCD), “National Public Education Financial Survey,” 1987–88 through 2000–01; Higher Education General Information Survey (HEGIS), *Financial Statistics of Institutions of Higher Education*, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), “Finance” surveys, 1986–87 through 1999–2000, and Spring 2002; and Bureau of Economic Analysis, unpublished data. (This table was prepared November 2003.)

**Table 30. Total expenditures of educational institutions, by level and control of institution:
Selected years, 1899–1900 to 2001–02**

[In millions of dollars]

School year	In current dollars							In constant 2001–02 dollars ¹			
	Total	Elementary and secondary schools			Colleges and universities			Total	Elementary and secondary schools		Colleges and universities
		Total	Public	Private ²	Total	Public	Private		Total	Public	
1	2	3	4	5	6	7	8	9	10	11	12
1899–1900	—	—	\$215	—	—	—	—	—	—	—	—
1909–10	—	—	426	—	—	—	—	—	—	—	—
1919–20	—	—	1,036	—	—	—	—	—	—	\$9,688	—
1929–30	—	—	2,317	—	\$632	\$292	\$341	—	—	24,118	\$6,582
1939–40	—	—	2,344	—	758	392	367	—	—	29,888	9,671
1949–50	\$8,911	\$6,249	5,838	\$411	2,662	1,430	1,233	\$67,048	\$47,015	43,923	20,033
1951–52	10,735	7,861	7,344	517	2,874	1,565	1,309	72,778	53,297	49,792	19,487
1953–54	13,147	9,733	9,092	641	3,414	1,912	1,502	87,116	64,496	60,248	22,620
1955–56	15,907	11,727	10,955	772	4,180	2,348	1,832	105,438	77,732	72,615	27,707
1957–58	20,055	14,525	13,569	956	5,530	3,237	2,293	125,137	90,632	84,667	34,505
1959–60	23,860	16,713	15,613	1,100	7,147	3,904	3,244	144,701	101,357	94,686	43,344
1961–62	28,503	19,673	18,373	1,300	8,830	4,919	3,911	168,973	116,629	108,922	52,345
1963–64	34,440	22,825	21,325	1,500	11,615	6,558	5,057	198,981	131,873	123,207	67,108
1965–66	43,682	28,048	26,248	1,800	15,634	9,047	6,588	243,945	156,636	146,584	87,310
1967–68	55,652	35,077	32,977	2,100	20,575	12,750	7,824	291,600	183,794	172,791	107,806
1969–70	68,459	43,183	40,683	2,500	25,276	16,234	9,041	322,935	203,705	191,912	119,230
1970–71	75,741	48,200	45,500	2,700	27,541	18,028	9,513	339,745	216,207	204,096	123,537
1971–72	80,672	50,950	48,050	2,900	29,722	19,538	10,184	349,336	220,630	208,072	128,706
1972–73	86,875	54,952	51,852	3,100	31,923	21,144	10,779	361,625	228,744	215,839	132,882
1973–74	95,396	60,370	56,970	3,400	35,026	23,542	11,484	364,586	230,724	217,730	133,862
1974–75	108,664	68,846	64,846	4,000	39,818	26,966	12,852	373,862	236,866	223,104	136,995
1975–76	118,706	75,101	70,601	4,500	43,605	29,736	13,869	381,413	241,306	226,847	140,107
1976–77	126,417	79,194	74,194	5,000	47,223	31,997	15,226	383,808	240,436	225,256	143,372
1977–78	137,042	86,544	80,844	5,700	50,498	34,031	16,467	389,887	246,220	230,004	143,667
1978–79	148,308	93,012	86,712	6,300	55,296	37,110	18,187	385,800	241,955	225,567	143,845
1979–80	165,627	103,162	95,962	7,200	62,465	41,434	21,031	380,165	236,788	220,262	143,377
1980–81	182,849	112,325	104,125	8,200	70,524	46,559	23,965	376,130	231,058	214,190	145,072
1981–82	197,801	120,486	111,186	9,300	77,315	50,813	26,502	374,533	228,138	210,529	146,394
1982–83	212,081	128,725	118,425	10,300	83,356	54,338	29,018	385,035	233,701	215,001	151,334
1983–84	228,597	139,000	127,500	11,500	89,597	58,124	31,473	400,207	243,348	223,215	156,859
1984–85	247,657	149,400	137,000	12,400	98,257	63,705	34,553	417,242	251,703	230,812	165,539
1985–86	269,485	161,800	148,600	13,200	107,685	70,069	37,616	441,292	264,954	243,338	176,338
1986–87	291,974	175,200	160,900	14,300	116,774	74,552	42,222	467,734	280,665	257,757	187,069
1987–88	313,375	187,999	172,699	15,300	125,376	79,859	45,516	482,044	289,186	265,651	192,858
1988–89	346,883	209,377	192,977	16,400	137,506	87,107	50,398	510,033	307,854	283,740	202,179
1989–90	381,525	230,970	212,770	18,200	150,555	96,387	54,169	535,417	324,134	298,593	211,283
1990–91	412,652	248,930	229,430	19,500	163,722	104,433	59,288	549,081	331,230	305,283	217,851
1991–92	432,987	261,255	241,055	20,200	171,732	108,667	63,065	558,251	336,837	310,793	221,415
1992–93	456,070	274,335	252,935	21,400	181,735	115,169	66,566	570,202	342,987	316,232	227,214
1993–94	477,237	287,507	265,307	22,200	189,730	119,573	70,157	581,600	350,379	323,324	231,221
1994–95	503,925	302,400	279,000	23,400	201,525	127,594	73,930	597,013	358,261	330,538	238,752
1995–96	529,596	318,246	293,646	24,600	211,350	132,752	78,597	610,808	367,048	338,676	243,760
1996–97	562,771	339,151	313,151	26,000	223,620	139,620	² 84,000	631,065	380,308	351,153	250,757
1997–98	594,849	361,415	334,315	27,100	233,434	147,034	² 86,400	655,348	398,173	368,317	257,175
1998–99	634,232	384,038	355,838	28,200	250,194	155,294	² 94,900	686,846	415,897	385,357	270,949
1999–2000	682,838	411,538	381,838	29,700	² 271,300	³ 168,300	² 103,000	718,736	433,173	401,912	² 285,563
2000–01	737,918	442,618	411,518	31,100	² 295,300	³ 186,900	² 108,400	750,983	450,455	418,804	² 300,528
2001–02 ²	780,100	462,700	430,600	32,100	317,400	198,600	118,800	780,100	462,700	430,600	317,400

—Not available.

¹ Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school year basis.² Estimated.³ Data for additions to physical plant value are estimated.

NOTE: Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Data for private elementary and secondary schools are estimated. Total expenditures for colleges and universities include current-fund expenditures and additions to plant value. Excludes expenditures of post-secondary institutions that did not confer associate or higher degrees. College and university education data for 1995–96 and later years are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid pro-

grams. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Reports of the Commissioner of Education, 1899–1900 and 1909–10; Biennial Survey of Education in the United States, 1919–20 through 1949–50; Statistics of State School Systems 1951–52 through 1969–70; Revenues and Expenditure for Public Elementary and Secondary Education, 1970–71 through 1986–87; The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2000–01; Higher Education General Information Survey (HEGIS), *Financial Statistics of Institutions of Higher Education, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1986–87 through 1999–2000, and Spring 2002; and unpublished data. (This table was prepared November 2003.)**

Table 31. Governmental expenditures, by level of government and function: Selected years, 1970-71 to 1999-2000

Expenditure, by function	All governments ¹			Federal government						State and local governments ²						
	1970-71	1980-81	1990-91	1994-95	1970-71	1980-81	1990-91	1994-95	1970-71	1980-81	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
General expenditures	\$301,096	\$827,877	\$1,804,005	\$2,059,334	\$150,422	\$422,301	\$1,060,407	\$1,146,827	\$150,674	\$407,449	\$908,108	\$1,146,188	\$1,247,436	\$1,314,496	\$1,398,533	\$1,502,768
Selected federal programs	80,910	174,564	366,112	327,231	80,910	174,564	366,112	327,231	†	†	†	†	†	†	†	†
National defense and international relations ..	8,683	20,466	43,102	49,482	8,683	20,466	43,102	49,482	†	†	†	†	†	†	†	†
Postal service	3,334	5,523	13,514	13,316	3,334	5,523	13,514	13,316	†	†	†	†	†	†	†	†
Space research and technology	64,042	158,012	334,333	410,827	4,629	12,408	46,025	55,794	60,174	147,649	313,744	383,557	425,346	456,934	490,100	528,767
Education and libraries	20,446	74,643	167,681	250,356	2,220	22,395	119,135	177,874	18,226	54,121	130,402	193,110	199,973	204,640	215,190	233,350
Social services and income maintenance	14,835	47,378	102,817	132,463	3,630	11,277	28,207	36,392	11,205	36,101	81,110	105,946	110,332	114,024	119,361	127,342
Hospitals and health	2,031	5,075	27,356	31,350	1,086	16,575	23,949	27,198	945	2,333	3,407	4,152	4,252	4,422	4,414	4,534
Social insurance administration	23,722	46,578	84,048	99,064	4,062	7,724	23,250	29,871	19,819	39,231	75,410	88,938	96,165	101,826	110,163	118,974
Transportation	5,706	16,851	52,738	65,627	478	1,904	6,170	7,563	7,531	21,283	46,568	58,064	67,026	70,744	74,629	79,900
Police and fire protection	1,979	7,806	29,297	38,922	94	413	1,941	3,068	1,885	7,393	27,356	35,857	39,946	42,479	45,598	48,805
Correction	13,740	43,599	74,687	75,133	10,658	38,896	48,415	44,752	5,191	13,239	28,505	33,140	37,333	39,857	41,649	45,272
Environment and housing	4,467	13,894	33,346	36,721	1,913	6,808	30,199	40,351	2,554	7,086	16,648	21,509	23,230	24,697	25,234	26,590
Natural resources, parks, recreation	4,087	14,898	31,014	38,573	†	†	†	†	4,087	14,898	31,014	38,573	41,549	41,765	43,047	45,261
Housing and community development	3,612	10,944	27,204	34,824	1,341	3,714	10,209	12,444	2,271	7,230	16,995	22,380	24,400	25,914	27,593	29,300
Sewerage and sanitation	3,567	11,514	36,977	44,610	540	1,973	5,511	6,972	4,432	12,771	31,466	37,638	42,243	44,813	49,106	52,360
Governmental administration	21,688	97,641	247,376	290,195	16,599	80,510	195,142	233,225	5,089	17,131	52,234	56,970	62,422	64,554	67,294	69,814
Financial administration	24,247	78,491	132,424	120,641	10,245	17,151	99,526	81,297	7,265	26,983	53,250	66,355	73,217	77,829	85,156	92,499
General control ³	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Interest on general debt	26.9	21.1	20.3	15.9	53.8	41.3	34.5	28.5	†	†	†	†	†	†	†	†
Other and unallocable	2.9	2.5	2.4	2.4	5.8	4.8	4.3	4.3	†	†	†	†	†	†	†	†
Percentage distribution	1.1	0.7	0.7	0.6	2.2	1.3	1.1	1.2	†	†	†	†	†	†	†	†
	21.3	19.1	18.5	19.9	3.1	2.9	4.3	4.9	39.9	36.2	34.5	33.5	34.1	34.8	35.0	35.2
Selected federal programs	6.8	9.0	9.3	12.2	1.5	5.3	11.2	15.5	12.1	13.3	14.4	16.8	16.0	15.6	15.4	15.5
National defense and international relations ..	4.9	5.7	5.7	6.4	2.4	2.7	2.7	3.2	7.4	8.9	8.9	9.2	8.8	8.7	8.5	8.5
Postal service	0.7	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.3	0.3	0.3
Space research and technology	7.9	5.6	4.7	4.8	2.7	1.8	2.2	2.6	13.2	9.6	8.3	7.8	7.7	7.7	7.9	7.9
Education and libraries	1.9	2.0	2.9	3.2	0.3	0.5	0.6	0.7	5.0	5.2	5.1	5.1	5.4	5.4	5.3	5.3
Social services and income maintenance	0.7	0.9	1.6	1.9	0.1	0.1	0.2	0.3	1.3	1.8	3.0	3.1	3.2	3.2	3.3	3.2
Hospitals and health	4.6	5.3	4.1	3.6	7.1	9.2	4.6	3.9	3.4	3.2	3.1	2.9	3.0	3.0	3.0	3.0
Social insurance administration	1.5	1.7	1.8	1.8	1.3	1.6	2.8	3.5	1.7	1.7	1.8	1.9	1.9	1.9	1.8	1.8
Transportation	1.4	1.8	1.7	1.9	0.0	0.0	0.0	0.0	2.7	3.7	3.4	3.4	3.3	3.2	3.1	3.0
Public safety	1.2	1.3	1.5	1.7	0.9	0.9	1.0	1.1	1.5	1.8	1.9	2.0	2.0	2.0	2.0	1.9
Police and fire protection	1.2	1.4	2.0	2.2	0.4	0.5	0.5	0.6	2.9	3.1	3.5	3.3	3.4	3.5	3.5	3.5
Correction	7.2	11.8	13.7	14.1	11.0	19.1	18.4	20.3	3.4	4.2	5.8	5.0	5.0	4.9	4.8	4.6
Environment and housing	8.1	9.5	7.3	5.9	6.8	4.1	9.4	7.1	4.8	6.6	5.9	5.8	5.9	5.9	6.1	6.2
Natural resources, parks, recreation	1.2	1.3	1.5	1.7	0.9	0.9	1.0	1.1	1.5	1.8	1.9	2.0	2.0	2.0	2.0	1.9
Sewerage and sanitation	1.2	1.4	2.0	2.2	0.4	0.5	0.5	0.6	2.9	3.1	3.5	3.3	3.4	3.5	3.5	3.5
Governmental administration	1.2	1.4	2.0	2.2	0.4	0.5	0.5	0.6	2.9	3.1	3.5	3.3	3.4	3.5	3.5	3.5
Financial administration	8.1	9.5	7.3	5.9	6.8	4.1	9.4	7.1	4.8	6.6	5.9	5.8	5.9	5.9	6.1	6.2
General control ³																
Interest on general debt																
Other and unallocable																

† Not applicable. NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

¹ Excludes duplicative intergovernmental transactions. SOURCE: U.S. Department of Commerce, Bureau of the Census, previously unpublished tabulations. (This table was prepared August 2003.)

² General expenditures include monies paid by states to the federal government, which are excluded from direct general expenditures.

³ Includes judicial and legal expenditures and expenditures on general and public buildings and other governmental administration.

Table 32. Direct general expenditures of state and local governments for all functions and for education, by level of education and state: 1999–2000
 [In millions]

State	Total direct general expenditures ¹	Education expenditures									
		Total	Elementary and secondary education		Colleges and universities		Other education ³				
			Current expenditure	Capital outlay ²	Total	Current expenditure		Capital outlay			
1	2	3	4	5	6	7	8	9	10		
United States	\$1,502,768 (1,052)	\$521,612 (261)	\$365,181 (256)	\$320,031	\$45,150	\$134,352	\$119,095	\$15,257	\$22,080		
Alabama	22,062 (86)	7,768 (#)	4,961 (#)	4,272	689	2,374	2,098	276	434		
Alaska	7,600 (14)	1,761 (#)	1,335 (#)	1,169	166	375	350	25	51		
Arizona	23,262 (286)	7,871 (#)	5,114 (#)	4,346	768	2,469	2,133	336	288		
Arkansas	11,057 (25)	4,198 (#)	2,605 (#)	2,459	147	1,241	1,037	204	351		
California	195,767 (529)	63,559 (#)	43,136 (#)	37,340	5,796	18,010	16,278	1,732	2,413		
Colorado	22,527 (214)	7,904 (#)	5,183 (#)	4,400	783	2,514	2,202	311	207		
Connecticut	21,420 (58)	6,722 (28)	5,218 (28)	4,700	498	1,196	1,143	53	308		
Delaware	4,891 (10)	1,715 (#)	1,005 (#)	828	77	554	512	42	156		
District of Columbia	5,952 (#)	969 (#)	889 (#)	817	80	80	80	1	155		
Florida	75,290 (158)	22,826 (#)	16,808 (#)	14,016	2,793	5,067	4,393	675	950		
Georgia	38,078 (91)	14,768 (#)	10,595 (#)	9,074	1,521	3,363	2,816	547	809		
Hawaii	7,291 (1)	1,854 (#)	1,145 (#)	982	163	689	606	83	20		
Idaho	5,828 (21)	2,132 (#)	1,406 (#)	1,254	152	630	532	98	96		
Illinois	64,403 (374)	22,728 (#)	16,466 (#)	13,999	2,467	5,050	4,488	563	1,212		
Indiana	28,740 (106)	11,450 (45)	7,351 (45)	6,370	981	3,618	3,175	442	480		
Iowa	15,563 (51)	5,964 (#)	3,621 (#)	2,976	363	2,032	1,847	185	311		
Kansas	12,984 (44)	4,984 (#)	3,082 (#)	2,676	206	1,667	1,507	160	136		
Kentucky	15,020 (57)	6,374 (1)	3,946 (1)	3,433	515	2,033	1,789	244	393		
Louisiana	22,977 (194)	7,185 (#)	4,724 (#)	4,309	415	1,960	1,815	145	501		
Maine	6,955 (26)	2,228 (16)	1,671 (16)	1,537	133	463	432	30	94		
Maryland	27,446 (244)	10,055 (131)	6,719 (131)	5,928	791	2,892	2,622	270	444		
Massachusetts	37,770 (162)	11,445 (110)	7,865 (110)	7,865	846	2,104	1,917	187	631		
Michigan	54,750 (186)	22,484 (#)	13,289 (#)	10,585	1,805	6,850	6,007	843	539		
Minnesota	31,166 (171)	10,283 (#)	7,164 (#)	6,272	892	2,613	2,352	261	506		
Mississippi	13,932 (39)	4,818 (#)	2,940 (#)	2,519	421	1,562	1,380	182	316		
Missouri	24,818 (89)	9,224 (#)	6,475 (#)	5,718	757	2,282	1,995	287	467		
Montana	4,523 (8)	1,641 (#)	1,037 (#)	980	57	476	426	53	124		
Nebraska	8,406 (52)	3,267 (#)	2,068 (#)	1,826	242	1,082	968	113	117		
Nevada	9,755 (36)	3,020 (#)	2,309 (#)	1,980	426	657	626	31	55		
New Hampshire	5,664 (11)	2,059 (#)	1,528 (#)	1,398	130	464	424	41	67		
New Jersey	47,231 (118)	18,788 (90)	14,862 (89)	13,546	1,315	3,484	3,085	399	442		
New Mexico	10,099 (62)	3,696 (#)	2,133 (#)	1,878	256	1,409	1,097	312	154		
New York	140,020 (308)	40,630 (8)	33,238 (7)	29,983	3,255	6,095	5,401	694	1,297		
North Carolina	40,434 (129)	14,164 (54)	9,099 (54)	7,720	1,379	4,492	4,076	416	573		
North Dakota	3,674 (13)	1,255 (#)	742 (#)	661	81	461	418	43	51		
Ohio	57,649 (196)	20,612 (#)	14,495 (#)	13,116	1,378	5,077	4,309	767	1,041		
Oklahoma	13,767 (44)	5,836 (#)	3,812 (#)	3,525	286	1,782	1,596	186	242		
Oregon	20,161 (97)	6,448 (#)	4,242 (#)	3,834	390	2,036	1,787	151	186		
Pennsylvania	65,971 (217)	23,256 (#)	16,553 (#)	14,412	1,941	5,107	4,413	693	1,796		
Rhode Island	5,560 (26)	1,857 (16)	1,346 (16)	1,312	35	401	376	23	109		
South Carolina	20,260 (85)	7,126 (#)	4,830 (#)	4,110	720	1,944	1,725	219	352		
South Dakota	3,444 (12)	1,218 (#)	862 (#)	725	138	305	275	30	51		
Tennessee	25,272 (149)	8,369 (125)	5,699 (125)	4,989	710	2,379	2,016	364	291		
Texas	95,762 (287)	39,217 (#)	28,405 (25)	23,691	4,713	9,795	8,659	1,136	1,017		
Utah	11,013 (24)	4,233 (#)	2,414 (#)	2,144	270	1,631	1,476	155	188		
Vermont	3,446 (6)	1,330 (#)	882 (#)	844	38	371	334	38	78		
Virginia	34,727 (115)	13,132 (54)	9,114 (54)	8,241	873	3,502	3,152	350	516		
Washington	33,475 (154)	11,565 (#)	7,667 (#)	6,657	1,210	3,334	2,929	402	563		
West Virginia	8,711 (12)	3,171 (#)	2,148 (#)	2,018	130	837	760	187	176		
Wisconsin	30,782 (166)	11,427 (#)	7,793 (#)	6,828	965	3,328	2,970	350	407		
Wyoming	3,530 (19)	1,125 (#)	756 (#)	685	71	310	285	26	59		

Rounds to zero.
 —Not available.
¹ Includes state and local government expenditures for education services, social services and income maintenance, transportation, public safety, environment and housing, governmental administration, interest on general debt, and other general expenditures. Includes intergovernmental expenditure to the federal government.
² Includes outlays for "other education."
³ Includes assistance and subsidies to individuals and private elementary and secondary schools, and colleges and universities, as well as miscellaneous education expenditures.
 NOTE: Current expenditure data in this table differ from figures appearing in other tables because of slightly varying definitions used in the Governmental Finances and Common Core of Data surveys. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.
 SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared May 2003.)

Table 33. Direct general expenditures per capita of state and local governments for all functions and for education, by level of education and state: 1999–2000

State	Total, all direct general expenditures per capita ¹	Education expenditures							
		Total		Elementary and secondary education		Colleges and universities		Other education ²	
		Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions
1	2	3	4	5	6	7	8	9	10
United States	\$5,340	\$1,854	34.7	\$1,298	24.3	\$477	8.9	\$78	1.5
Alabama	4,961	1,747	35.2	1,116	22.5	534	10.8	98	2.0
Alaska	12,121	2,808	23.2	2,129	17.6	598	4.9	82	0.7
Arizona	4,534	1,534	33.8	997	22.0	481	10.6	56	1.2
Arkansas	4,137	1,570	38.0	975	23.6	464	11.2	131	3.2
California	5,780	1,876	32.5	1,273	22.0	532	9.2	71	1.2
Colorado	5,238	1,838	35.1	1,205	23.0	584	11.2	48	0.9
Connecticut	6,289	1,974	31.4	1,532	24.4	351	5.6	91	1.4
Delaware	5,983	2,188	36.6	1,282	21.4	707	11.8	199	3.3
District of Columbia	9,007	1,695	18.8	1,554	17.3	141	1.6	—	—
Florida	4,711	1,428	30.3	1,052	22.3	317	6.7	59	1.3
Georgia	4,652	1,804	38.8	1,294	27.8	411	8.8	99	2.1
Hawaii	6,016	1,530	25.4	945	15.7	569	9.5	16	0.3
Idaho	4,504	1,648	36.6	1,086	24.1	487	10.8	75	1.7
Illinois	5,186	1,830	35.3	1,326	25.6	407	7.8	98	1.9
Indiana	4,727	1,883	39.8	1,209	25.6	595	12.6	79	1.7
Iowa	5,319	2,038	38.3	1,238	23.3	694	13.1	106	2.0
Kansas	4,793	1,817	37.9	1,146	23.9	620	12.9	51	1.1
Kentucky	4,706	1,577	33.5	977	20.8	503	10.7	97	2.1
Louisiana	4,985	1,608	32.3	1,057	21.2	439	8.8	112	2.3
Maine	5,455	1,747	32.0	1,310	24.0	363	6.7	74	1.4
Maryland	5,182	1,899	36.6	1,269	24.5	546	10.5	84	1.6
Massachusetts	5,949	1,803	30.3	1,372	23.1	331	5.6	99	1.7
Michigan	5,509	2,262	41.1	1,519	27.6	689	12.5	54	1.0
Minnesota	6,336	2,090	33.0	1,456	23.0	531	8.4	103	1.6
Mississippi	4,897	1,694	34.6	1,033	21.1	549	11.2	111	2.3
Missouri	4,436	1,649	37.2	1,157	26.1	408	9.2	84	1.9
Montana	5,014	1,819	36.3	1,150	22.9	531	10.6	138	2.8
Nebraska	4,913	1,909	38.9	1,209	24.6	632	12.9	68	1.4
Nevada	4,883	1,512	31.0	1,156	23.7	329	6.7	27	0.6
New Hampshire	4,582	1,666	36.4	1,236	27.0	376	8.2	54	1.2
New Jersey	5,613	2,233	39.8	1,766	31.5	414	7.4	52	0.9
New Mexico	5,552	2,032	36.6	1,173	21.1	774	14.0	85	1.5
New York	7,379	2,141	29.0	1,752	23.7	321	4.4	68	0.9
North Carolina	5,024	1,760	35.0	1,130	22.5	558	11.1	71	1.4
North Dakota	5,722	1,954	34.2	1,156	20.2	718	12.6	80	1.4
Ohio	5,078	1,816	35.8	1,277	25.1	447	8.8	92	1.8
Oklahoma	3,989	1,691	42.4	1,105	27.7	516	12.9	70	1.8
Oregon	5,893	1,885	32.0	1,235	20.9	596	10.1	54	0.9
Pennsylvania	5,364	1,894	35.3	1,332	24.8	416	7.8	146	2.7
Rhode Island	5,305	1,772	33.4	1,285	24.2	383	7.2	104	2.0
South Carolina	5,050	1,776	35.2	1,204	23.8	484	9.6	88	1.7
South Dakota	4,561	1,613	35.4	1,142	25.0	404	8.9	68	1.5
Tennessee	4,442	1,471	33.1	1,002	22.6	418	9.4	51	1.2
Texas	4,592	1,881	41.0	1,362	29.7	470	10.2	49	1.1
Utah	4,932	1,896	38.4	1,081	21.9	731	14.8	84	1.7
Vermont	5,659	2,185	38.6	1,448	25.6	610	10.8	128	2.3
Virginia	4,906	1,855	37.8	1,287	26.2	495	10.1	73	1.5
Washington	5,680	1,962	34.5	1,301	22.9	566	10.0	96	1.7
West Virginia	4,818	1,754	36.4	1,188	24.7	463	9.6	103	2.1
Wisconsin	5,735	2,130	37.1	1,453	25.3	602	10.5	76	1.3
Wyoming	6,740	2,277	33.8	1,530	22.7	628	9.3	119	1.8

—Not available.

¹Includes state and local government expenditures for education services, social services and income maintenance, transportation, public safety, environment and housing, governmental administration, interest on general debt, and other general expenditures. Includes intergovernmental expenditure to the federal government.

²Includes assistance and subsidies to individuals and private elementary and secondary schools, and colleges and universities, as well as miscellaneous education expenditures.

NOTE: Per capita amounts are based on population figures as of April 1, 2000, and are computed on the basis of amounts rounded to the nearest thousand. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared May 2003.)

Table 34. Gross domestic product, state and local expenditures, personal income, disposable personal income, median family income, and population: Selected years, 1929 to 2002

Year	Gross domestic product, in billions		State and local direct general expenditures, ¹ in millions		Personal income, in billions	Disposable personal income, in billions of chained 1996 dollars ²	Disposable personal income per capita		Median family income	Population in thousands	
	Current dollars	Chained 1996 dollars ²	All general expenditures	Education expenditures			Current dollars	Chained 1996 dollars ²		Annual averages of quarterly data ³	Resident population as of July 1 ⁴
1	2	3	4	5	6	7	8	9	10	11	12
1929	\$103.7	\$822.2	—	—	\$85.3	\$672.3	\$683	\$5,516	—	—	121,767
1933	56.4	603.3	—	—	46.9	510.7	365	4,063	—	—	125,579
1939	92.0	903.5	—	—	73.1	732.3	545	5,589	—	—	130,880
1940	101.3	980.7	\$9,229	\$2,638	78.6	781.1	581	5,912	—	—	132,122
1941	126.7	1,148.8	—	—	96.3	899.0	703	6,739	—	—	133,402
1942	161.8	1,360.0	9,190	2,586	123.8	1,012.4	880	7,507	—	—	134,860
1943	198.4	1,583.7	—	—	152.4	1,057.9	990	7,737	—	—	136,739
1944	219.7	1,714.1	8,863	2,793	166.3	1,096.1	1,072	7,920	—	—	138,397
1945	223.0	1,693.3	—	—	171.9	1,081.5	1,087	7,729	—	—	139,928
1946	222.3	1,505.5	11,028	3,356	179.5	1,074.4	1,145	7,599	—	—	141,389
1947	244.4	1,495.1	—	—	192.1	1,035.2	1,194	7,183	\$3,031	—	144,126
1948	269.6	1,560.0	17,684	5,379	211.1	1,090.0	1,307	7,433	3,187	—	146,631
1949	267.7	1,550.9	—	—	208.2	1,095.6	1,281	7,343	3,107	—	149,188
1950	294.3	1,686.6	22,787	7,177	229.9	1,192.7	1,388	7,863	3,319	—	152,271
1951	339.5	1,815.1	—	—	258.7	1,227.0	1,499	7,953	3,709	—	154,878
1952	358.6	1,887.3	26,098	8,318	276.1	1,266.8	1,552	8,071	3,890	—	157,553
1953	379.9	1,973.9	27,910	9,390	292.6	1,327.5	1,622	8,319	4,242	—	160,184
1954	381.1	1,960.5	30,701	10,557	295.2	1,344.0	1,629	8,276	4,167	—	163,026
1955	415.2	2,099.5	33,724	11,907	316.8	1,433.8	1,715	8,675	4,418	—	165,931
1956	438.0	2,141.1	36,711	13,220	340.0	1,502.3	1,800	8,930	4,780	—	168,903
1957	461.5	2,183.9	40,375	14,134	359.3	1,539.5	1,867	8,988	4,966	—	171,984
1958	467.9	2,162.8	44,851	15,919	370.0	1,553.7	1,899	8,922	5,087	—	174,882
1959	507.4	2,319.0	48,887	17,283	394.0	1,623.8	1,983	9,167	5,417	177,130	177,830
1960	527.4	2,376.7	51,876	18,719	412.7	1,664.8	2,026	9,210	5,620	180,760	180,671
1961	545.7	2,432.0	56,201	20,574	430.3	1,720.0	2,081	9,361	5,735	183,742	183,691
1962	586.5	2,578.9	60,206	22,216	457.9	1,803.5	2,174	9,666	5,956	186,590	186,538
1963	618.7	2,690.4	63,977	23,729	481.0	1,871.5	2,249	9,886	6,249	189,300	189,242
1964	664.4	2,846.5	69,302	26,286	515.8	2,006.9	2,412	10,456	6,569	191,927	191,889
1965	720.1	3,028.5	74,678	28,563	557.4	2,131.0	2,567	10,965	6,957	194,347	194,303
1966	789.3	3,227.5	82,843	33,287	606.4	2,244.6	2,742	11,417	7,532	196,599	196,560
1967	834.1	3,308.3	93,350	37,919	650.4	2,340.5	2,899	11,776	7,933	198,752	198,712
1968	911.5	3,466.1	102,411	41,158	714.5	2,448.2	3,119	12,196	8,632	200,745	200,706
1969	985.3	3,571.4	116,728	47,238	780.8	2,524.3	3,329	12,451	9,433	202,736	202,677
1970	1,039.7	3,578.0	131,332	52,718	841.1	2,630.0	3,591	12,823	9,867	205,089	205,052
1971	1,128.6	3,697.7	150,674	59,413	905.1	2,745.3	3,860	13,218	10,285	207,692	207,661
1972	1,240.4	3,898.4	168,550	65,814	994.3	2,874.3	4,138	13,692	11,116	209,924	209,896
1973	1,385.5	4,123.4	181,357	69,714	1,113.4	3,072.3	4,619	14,496	12,051	211,939	211,909
1974	1,501.0	4,099.0	198,959	75,833	1,225.6	3,051.9	5,013	14,268	12,902	213,898	213,854
1975	1,635.2	4,084.4	230,721	87,858	1,331.7	3,108.5	5,470	14,393	13,719	215,981	215,973
1976	1,823.9	4,311.7	256,731	97,216	1,475.4	3,243.5	5,960	14,873	14,958	218,086	218,035
1977	2,031.4	4,511.8	274,215	102,780	1,637.1	3,360.7	6,519	15,256	16,009	220,289	220,239
1978	2,295.9	4,760.6	296,984	110,758	1,848.3	3,527.5	7,253	15,845	17,640	222,629	222,585
1979	2,566.4	4,912.1	327,517	119,448	2,081.5	3,628.6	8,033	16,120	19,587	225,106	225,055
1980	2,795.6	4,900.9	369,086	133,211	2,323.9	3,658.0	8,869	16,063	21,023	227,726	227,225
1981	3,131.3	5,021.0	407,449	145,784	2,599.4	3,741.1	9,773	16,265	22,388	230,008	229,466
1982	3,259.2	4,919.3	436,733	154,282	2,768.4	3,791.7	10,364	16,328	23,433	232,218	231,664
1983	3,534.9	5,132.3	466,516	163,876	2,946.9	3,906.9	11,036	16,673	24,674	234,332	233,792
1984	3,932.7	5,505.2	505,008	176,108	3,274.8	4,207.6	12,215	17,799	26,433	236,394	235,825
1985	4,213.0	5,717.1	553,899	192,686	3,515.0	4,347.8	12,941	18,229	27,735	238,506	237,924
1986	4,452.9	5,912.4	605,623	210,819	3,712.4	4,486.6	13,558	18,641	29,458	240,682	240,133
1987	4,742.5	6,113.3	657,134	226,619	3,962.5	4,582.5	14,246	18,870	30,970	242,842	242,289
1988	5,108.3	6,368.4	704,921	242,683	4,272.1	4,784.1	15,312	19,522	32,191	245,061	244,499
1989	5,489.1	6,591.8	762,360	263,898	4,599.8	4,906.5	16,235	19,833	34,213	247,387	246,819
1990	5,803.2	6,707.9	834,818	288,148	4,903.2	5,014.2	17,176	20,058	35,353	249,983	249,623
1991	5,986.2	6,676.4	908,108	309,302	5,085.4	5,033.0	17,669	19,873	35,939	253,253	252,981
1992	6,318.9	6,880.0	981,253	324,652	5,390.4	5,189.3	18,527	20,220	36,573	256,634	256,514
1993	6,642.3	7,062.6	1,033,167	342,287	5,610.0	5,261.3	18,981	20,235	36,959	260,011	259,919
1994	7,054.3	7,347.7	1,077,665	353,287	5,888.0	5,397.2	19,626	20,507	38,782	263,194	263,126
1995	7,400.5	7,543.8	1,146,188	378,273	6,200.9	5,539.1	20,361	20,798	40,611	266,327	266,278
1996	7,813.2	7,813.2	1,189,356	398,859	6,547.4	5,677.7	21,072	21,072	42,300	269,448	269,394
1997	8,318.4	8,159.5	1,247,436	419,053	6,937.0	5,854.5	21,887	21,470	44,568	272,687	272,647
1998	8,781.5	8,508.9	1,314,496	450,365	7,426.0	6,186.6	23,037	22,359	46,737	275,891	275,854
1999	9,274.3	8,859.0	1,398,533	483,259	7,786.5	6,328.4	23,749	22,678	48,950	279,062	279,040
2000	9,824.6	9,191.4	1,502,768	521,612	8,406.6	6,630.3	25,237	23,501	50,732	282,128	282,224
2001	10,082.2	9,214.5	1,621,757	563,572	8,685.3	6,748.0	25,957	23,692	51,407	284,822	285,318
2002	10,446.2	9,439.9	—	—	8,922.2	7,032.2	27,170	24,463	—	287,456	288,369

—Not available.
¹Data for years prior to 1963 include expenditures for government fiscal years ending during that particular calendar year. Data for 1963 and later years are the aggregations of expenditures for government fiscal years which ended on June 30 of the stated year. General expenditures exclude expenditures of publicly owned utilities and liquor stores, and of insurance-trust activities. Intergovernmental payments between state and local governments are excluded. Payments to the federal government are included.
²Constant dollars based on a chain-price index, which uses the geometric mean of output weights of adjacent time periods compiled over a time series. Chain-price indexes reflect changes in prices, while implicit price deflators reflect both changes in prices and in the composition of output.
³Population of the United States including Armed Forces overseas; includes Alaska and Hawaii beginning 1960. Quarterly data are averages for the period. Data include revisions based on the 2000 Census.
⁴Resident population of the United States; includes Alaska and Hawaii beginning 1958. Data for 1990 and later years include revisions based on the 2000 Census.

⁵Revised methodology.
⁶Based on 2000 Census controls.
 NOTE: Gross domestic product data are adjusted by the GDP chained weight price deflator. Personal income data are adjusted by the personal consumption deflator. Some data have been revised from previously published figures.
 SOURCE: U.S. Department of Commerce, Bureau of the Census, *Money Income in the United States*, Series P-60, No. 229, and unpublished data; and Bureau of Economic Analysis, *National Income and Product Accounts Table*, and unpublished data. (This table was prepared November 2003.)

Table 35. Gross domestic product deflator, Consumer Price Index, education price indexes, and federal budget composite deflator: Selected years, 1919 to 2003

Calendar year			School year					Federal fiscal year	
Year	Gross domestic product chain weight deflator	Consumer Price Index ¹	Year	Consumer Price Index ²	Higher Education Price Index	Research and Development Index	Academic Library Operations Index	Year	Federal budget composite deflator
1	2	3	4	5	6	7	8	9	10
1919	—	17.3	1919–20	19.1	—	—	—	1919	—
1929	12.6	17.1	1929–30	17.1	—	—	—	1929	—
1934	9.9	13.4	1934–35	13.6	—	—	—	1934	—
1939	10.2	13.9	1939–40	14.0	—	—	—	1939	—
1940	10.3	14.0	1940–41	14.2	—	—	—	1940	0.0870
1941	11.0	14.7	1941–42	15.6	—	—	—	1941	0.0928
1942	11.9	16.3	1942–43	16.9	—	—	—	1942	0.1028
1943	12.5	17.3	1943–44	17.4	—	—	—	1943	0.1122
1944	12.8	17.6	1944–45	17.8	—	—	—	1944	0.1061
1945	13.2	18.0	1945–46	18.2	—	—	—	1945	0.1041
1946	14.7	19.5	1946–47	21.2	—	—	—	1946	0.1071
1947	16.3	22.3	1947–48	23.3	—	—	—	1947	0.1162
1948	17.3	24.1	1948–49	24.1	—	—	—	1948	0.1273
1949	17.3	23.8	1949–50	23.7	—	—	—	1949	0.1246
1950	17.4	24.1	1950–51	25.1	—	—	—	1950	0.1287
1951	18.6	26.0	1951–52	26.3	—	—	—	1951	0.1279
1952	19.0	26.5	1952–53	26.7	—	—	—	1952	0.1280
1953	19.2	26.7	1953–54	26.9	—	—	—	1953	0.1368
1954	19.5	26.9	1954–55	26.8	—	—	—	1954	0.1409
1955	19.7	26.8	1955–56	26.9	—	—	—	1955	0.1455
1956	20.4	27.2	1956–57	27.7	—	—	—	1956	0.1526
1957	21.1	28.1	1957–58	28.6	—	—	—	1957	0.1601
1958	21.6	28.9	1958–59	29.0	—	—	—	1958	0.1687
1959	21.9	29.1	1959–60	29.4	—	—	—	1959	0.1746
1960	22.2	29.6	1960–61	29.8	25.6	26.7	—	1960	0.1750
1961	22.4	29.9	1961–62	30.1	26.5	27.5	—	1961	0.1795
1962	22.7	30.2	1962–63	30.4	27.6	28.5	—	1962	0.1803
1963	23.0	30.6	1963–64	30.8	28.6	29.5	—	1963	0.1873
1964	23.3	31.0	1964–65	31.2	29.8	30.7	—	1964	0.1900
1965	23.8	31.5	1965–66	31.9	31.3	32.0	—	1965	0.1928
1966	24.5	32.4	1966–67	32.9	32.9	33.8	—	1966	0.1974
1967	25.2	33.4	1967–68	34.0	34.9	35.7	—	1967	0.2026
1968	26.3	34.8	1968–69	35.7	37.1	38.0	—	1968	0.2103
1969	27.6	36.7	1969–70	37.8	39.5	40.3	—	1969	0.2230
1970	29.1	38.8	1970–71	39.7	42.1	42.7	—	1970	0.2363
1971	30.5	40.5	1971–72	41.2	44.3	45.0	—	1971	0.2519
1972	31.8	41.8	1972–73	42.8	46.7	47.1	—	1972	0.2690
1973	33.6	44.4	1973–74	46.6	49.9	50.1	—	1973	0.2833
1974	36.6	49.3	1974–75	51.8	54.3	54.8	—	1974	0.3070
1975	40.0	53.8	1975–76	55.5	57.8	59.0	57.3	1975	0.3384
1976	42.3	56.9	1976–77	58.7	61.5	62.7	61.6	1976	0.3640
1977	45.0	60.6	1977–78	62.6	65.7	66.8	65.8	1977	0.3934
1978	48.2	65.2	1978–79	68.5	70.5	71.7	71.4	1978	0.4195
1979	52.2	72.6	1979–80	77.6	77.5	78.3	78.5	1979	0.4552
1980	57.1	82.4	1980–81	86.6	85.8	86.6	86.1	1980	0.5029
1981	62.4	90.9	1981–82	94.1	93.9	94.0	94.0	1981	0.5562
1982	66.3	96.5	1982–83	98.2	100.0	100.0	100.0	1982	0.5958
1983	68.9	99.6	1983–84	101.8	104.8	104.3	105.1	1983	0.6245
1984	71.4	103.9	1984–85	105.8	110.8	109.8	111.2	1984	0.6555
1985	73.7	107.6	1985–86	108.8	116.3	115.2	117.6	1985	0.6781
1986	75.3	109.6	1986–87	111.2	120.9	120.0	124.2	1986	0.6947
1987	77.6	113.6	1987–88	115.8	126.2	126.8	130.0	1987	0.7143
1988	80.2	118.3	1988–89	121.2	132.8	132.1	138.6	1988	0.7359
1989	83.3	124.0	1989–90	127.0	140.8	139.0	147.4	1989	0.7631
1990	86.5	130.7	1990–91	133.9	148.2	145.8	155.7	1990	0.7882
1991	89.7	136.2	1991–92	138.2	153.5	150.6	163.3	1991	0.8226
1992	91.9	140.3	1992–93	142.5	157.9	155.2	169.8	1992	0.8508
1993	94.1	144.5	1993–94	146.2	163.3	160.1	176.7	1993	0.8725
1994	96.0	148.2	1994–95	150.4	168.1	165.4	183.9	1994	0.8902
1995	98.1	152.4	1995–96	154.5	173.0	170.8	192.6	1995	0.9120
1996	100.0	156.9	1996–97	158.9	178.4	—	—	1996	0.9328
1997	102.0	160.5	1997–98	161.7	184.7	—	—	1997	0.9508
1998	103.2	163.0	1998–99	164.5	189.1	—	—	1998	0.9603
1999	104.7	166.6	1999–2000	169.3	196.9	—	—	1999	0.9748
2000	106.9	172.2	2000–01	175.1	—	—	—	2000	1.0000
2001	109.4	177.1	2001–02	178.2	—	—	—	2001	1.0234
2002	110.7	179.9	2002–03	182.1	—	—	—	2002	1.0408
2003	—	—	2003–04	—	—	—	—	2003	1.0624

—Not available.

¹ Index for urban wage earners and clerical workers through 1977; 1978 and later figures are for all urban consumers.² Consumer Price Index adjusted to a school-year basis (July through June).

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

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data; U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index; Research Associates of Washington, "Inflation Measures for Schools and Colleges, 1990 Update," and unpublished data; and U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 2005*. (This table was prepared April 2004.)

CHAPTER 2

Elementary and Secondary Education

This chapter contains a variety of statistics on public and private elementary and secondary education. Data are presented for enrollments, teachers, schools, student performance, graduates, and expenditures. These data are derived from surveys conducted by the National Center for Education Statistics (NCES) and other public and private organizations. The variety of information ranges from counts of students and schools to opinions of teachers and students concerning the state of education today.

Enrollments

Public elementary and secondary school enrollments increased by 5 percent from 1996 to 2001, but enrollment at the elementary and secondary levels exhibited different patterns (table 40 and figure 7). Between 1996 and 2001, public elementary enrollment rose by 4 percent, while secondary enrollment increased by 7 percent. Enrollments in private elementary and secondary schools rose by 8 percent between 1996 and 2001 (table 3).

Preprimary education (nursery and kindergarten schools) enrollment has grown substantially. Preprimary enrollment of 3- to 5-year-olds rose by 20 percent between 1991 and 2001 (table 43 and figure 8). An important feature of the increasing participation of young children in preprimary schools is the increasing proportion in full-day programs. In 2001, about 52 percent of the children attended preprimary school all day compared with 38 percent in 1991.

Slowly increasing numbers and proportions of children are being served in programs for the disabled. During the 1991–92 school year, 11.6 percent of students were served in these programs compared with 13.4 percent in 2001–02 (table 52). Some of the rise since 1991–92 may be attributed to the increasing proportion of children identified as learning disabled, which rose from 5.3 percent of enrollment to 6.0 percent of enrollment in 2001–02.

Teachers and Other School Staff

During the 1970s and early 1980s, public school enrollment decreased, while the number of teachers rose. As a result, the public school pupil/teacher ratio declined from 22.3 in 1970 to 17.9 in 1985 (table 64 and figure 7). After 1985, the number of pupils per

teacher continued downward, reaching 17.2 in 1989. The pupil/teacher ratio was stable during the early 1990s, but began to decline again during the mid-1990s. By 1999, the ratio had stabilized again, and in 2002, the pupil/teacher ratio in public schools was estimated at 16.1. The estimated pupil/teacher ratio for private schools for 2002 was 16.2. The pupil/teacher ratio includes teachers for disabled students and other special teachers, who generally are excluded from class size calculations. The average class size in 1999–2000 was 21.1 pupils for public elementary schools and 23.6 for public secondary schools (table 68).

In 1999–2000, 75 percent of public school teachers were women, 39 percent were under 40, and 47 percent had a master's or higher degree (table 67). In comparison, about 76 percent of private school teachers were women. About 42 percent of the private school teachers were under age 40, and 35 percent had a master's or higher degree.

Public school principals tended to be older and have more advanced credentials than teachers. In 1999–2000, 10 percent of the public school principals were under age 40 and 98 percent had a master's or higher degree (table 84). Also, they were more likely to be male. About 44 percent of the principals were women.

The average salary for public school teachers grew slowly over the past 10 years, reaching \$45,822 in 2002–03 (table 77). After adjustment for inflation, teachers' salaries increased 2 percent between 1992–93 and 2002–03.

The number of nonteaching staff employed by public schools grew during the 1970s, while the number of students declined (tables 3 and 79). Between 1970 and 1980, the proportion of total staff who were teachers declined from 60 percent to 52 percent. From 1980 to 2001, the number of teachers and other staff grew at more similar rates than in the 1970s. As a result, the proportion of teachers among total staff fell 1 percentage point during this later period, compared to 8 percentage points in the 1970s. In 2001, there were 8.1 pupils per staff member (total staff) compared with 9.8 pupils per staff member in 1980. In 1999, the number of pupils per staff member at private schools was 7.9 (table 59).

Schools

During most of the last century, the trend to consolidate small schools brought a large decline in the total number of public schools in the United States. In 1929–30, there were approximately 248,000 public schools, compared with about 94,000 today (table 85). But this number has grown in recent years, with an increase of 10,947 schools between 1988–89 and 2001–02.

The shift in structure of public school systems toward middle schools (grades 4, 5, or 6 to 6, 7, or 8) is continuing (table 92). The number of all elementary schools (beginning in grade 6 or below, with no grade higher than grade 8) rose by 10 percent to 65,228 between 1991–92 and 2001–02, but the subset of middle schools rose by 36 percent. Meanwhile, the number of junior high schools (grades 7 to 8 and 7 to 9) declined by 24 percent.

Elementary schools grew from an average of 458 students in 1991–92 to 477 in 2001–02 (table 94). During the same time period, the average secondary school size rose from 677 to 718. The average size of regular secondary schools, which exclude alternative schools, special education, and vocational education schools, rose from 717 to 807 between 1991–92 and 2001–02.

Completions and Achievement

The dropout rate among 16- to 24-year-olds (which counts General Educational Development recipients as completers) shows some decreases over the past 20 years. This dropout rate includes all persons in the 16- to 24-year-old age group regardless of when they dropped out. Between 1980 and 2001, the dropout rate declined from 14.1 percent to 10.7 percent (table 107). The dropout rate statistic is based on the civilian noninstitutionalized population, which excludes persons in prisons, in the military, and other persons not living in households.

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

Since 1990, NAEP assessments have also been conducted at the state level. States that choose to participate receive assessment results that report on

the performance of students in that state. In its content, the state assessment is identical to the assessment conducted nationally. However, because the national NAEP samples prior to 2002 were not designed to support the reporting of accurate and representative state-level results, separate representative samples of students were selected for each participating jurisdiction/state and additional students needed to yield national estimates were selected from nonparticipating states.

NAEP long-term trend assessments are designed to give information on the changes in the basic achievement of America's youth since the early 1970s. They are administered nationally and report student performance at ages 9, 13, and 17 in reading, mathematics and science, and in grades 4, 8, and 11 in writing. Measuring trends of student achievement or change over time requires the precise replication of past procedures. Therefore, the long-term trend instrument does not evolve based on changes in curricula or in educational practices.

Long-term trend data has shown improvements in achievement in a number of areas. An overall increase was seen in reading proficiency scores for 9- and 13-year-olds from 1971 to 1999 (table 110). There was no measurable difference in the scores for 17-year-olds in 1999 compared to 1971. After significant gains during the 1970s, 9-year-old reading proficiency remained stable throughout the 1980s and 1990s. There was no measurable difference in the scores for 9-year-olds in 1999 compared to 1980. Significant gaps in performance continue to exist between racial/ethnic subgroups and between male and female students. There was no detectable difference in the gender gaps favoring female students in reading at ages 13 and 17 in 1999 compared to 1971. The gender gap favoring female 9-year-olds was smaller in 1999 than in 1971.

The results of assessments in average writing achievement from 1984 to 1996 reveal a shift at grades 4 and 8 (table 116). After declining between 1984 and 1990, average performance at grade 8 increased between 1990 and 1996. Also, at grade 4 there was an increase in performance between 1990 and 1996, countering downward fluctuations in the 1980s. Overall grade 11 writing performance declined between 1984 and 1996. Females outperformed males at the 4th-, 8th-, and 11th-grade levels.

Results from national assessments of mathematics achievement indicate a significant improvement at ages 9, 13, and 17 between 1973 and 1999 (table 121). For 9-year-olds, a period of stable performance during the 1970s was followed by an 11-point increase in average scores from 1982 to 1990. For 13-year-olds, an increase in average scores between 1978 and 1982 was followed by additional increases

during the 1990s. The average score of 17-year-olds declined between 1973 and 1982. After increasing between 1982 and 1992, scores have remained stable, but the 1999 average mathematics score was higher than 1973. The difference between males' and females' average mathematics scores in 1999 was not statistically significant at any age.

Average science scores of 9-year-olds declined between 1970 and 1973, then remained stable through 1982 (table 127). Average scores rose 10 points between 1982 and 1992, but have been stable since then. Science scores for 13-year-olds declined by 8 points from 1970 to 1977. Scores increased by 11 points between 1977 and 1992, but decreased slightly between 1992 and 1999. There was no detectable difference in the science scores for 13-year-olds in 1999 compared to 1970. Science scores for 17-year-olds fell by 22 points between 1969 and 1982, and then increased between 1982 and 1992. On average, 17-year-olds in 1999 had higher science scores than their counterparts in 1990. However, the average science scores of 17-year-olds in 1999 remain 10 points lower than 1969. Gender gaps favoring 17-year-old males in science narrowed so that the gaps in the 1990s were smaller than those in the 1970s and early 1980s. The difference in the performance of male and female 13-year-olds favored males in 1999. There was no significant difference in the performance of male and female 9-year-olds.

The Scholastic Assessment Test (SAT, formerly known as the Scholastic Aptitude Test) was not designed as an indicator of student achievement, but rather to help predict how well students will do in college. Between 1992–93 and 2002–03, mathematics SAT scores increased by 16 points, while verbal scores rose by 7 points (table 132).

The average number of science and mathematics courses completed by public high school graduates increased between 1982 and 2000. The mean number of mathematics courses (Carnegie units) completed in high school rose from 2.6 in 1982 to 3.6 in 2000, and the number of science courses rose from 2.2 to 3.2 (table 137). The average number of courses in vocational areas completed by all high

school graduates was lower in 2000 (4.2 units) than in 1982 (4.6 units). As a result of the increased academic course load, the proportion of students completing the 1983 National Commission on Excellence in Education recommendations for college-bound students (4 units of English, 3 units of social studies, 3 units of science, 3 units of mathematics, 2 units of foreign language, and .5 units of computer science) rose from 2 percent in 1982 to 31 percent in 2000 (table 140).

School Violence

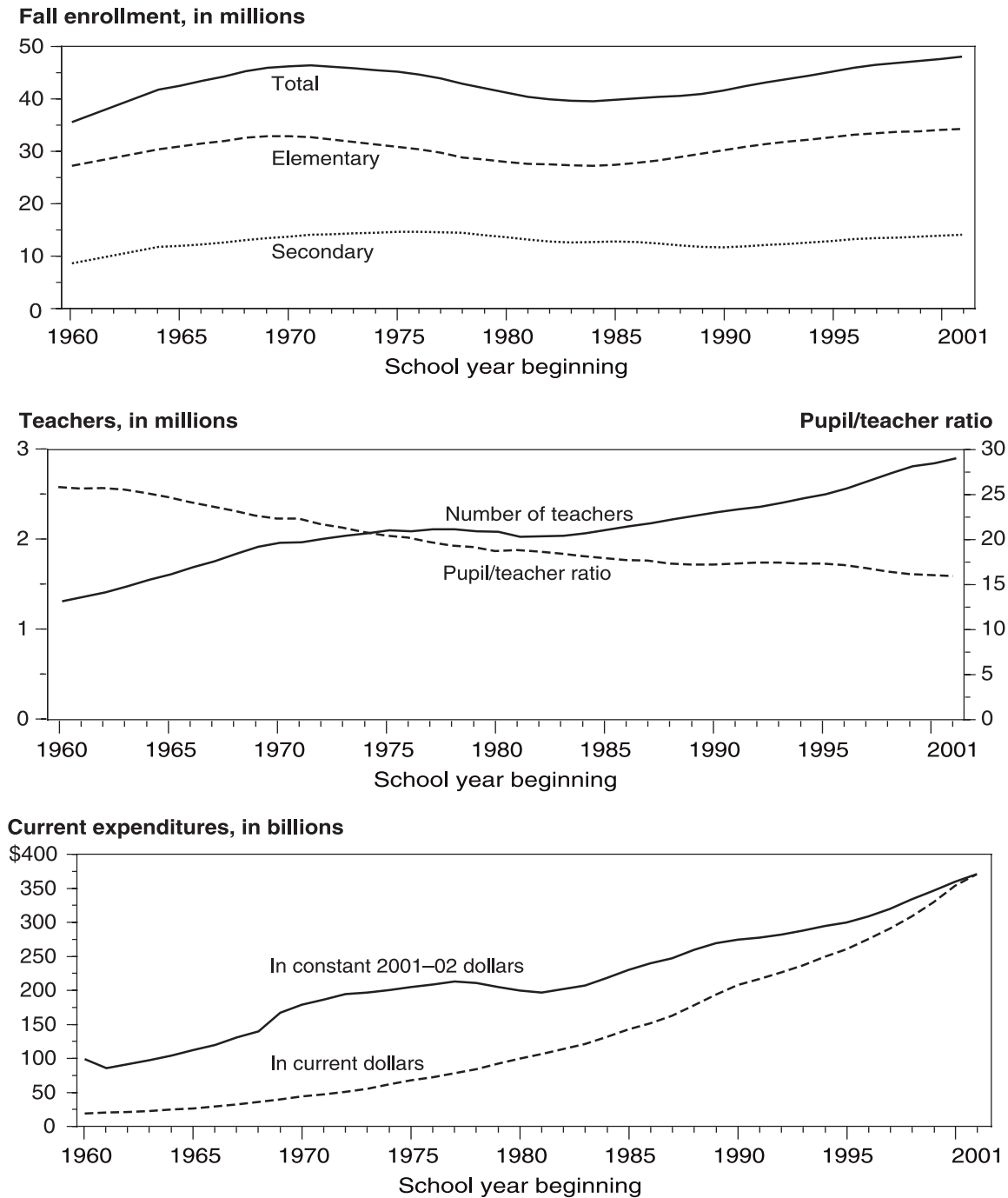
About 57 percent of public schools reported a criminal incident to police in 1996–97, including a serious violent crime or a less serious crime such as a fight without weapons, theft, or vandalism (table 145). In 1996–97, 10 percent of schools reported a serious violent crime to police and 47 percent reported only a less serious or nonviolent crime.

Revenues and Expenditures

The state share of revenues for public elementary and secondary schools grew steadily for many decades, but this trend stopped in the late 1980s (table 156 and figure 10). Since then, the balance of revenues from state and local governments has shown different patterns. Between 1989–90 and 1994–95, the state share fell from 47.1 to 46.8 percent and the local share fell from 46.8 to 46.4. Between 1994–95 and 2000–01, the state share rose to 49.7 percent while the local share decreased to 43.1 percent. Between 1994–95 and 2000–01, the federal share rose from 6.8 to 7.3 percent.

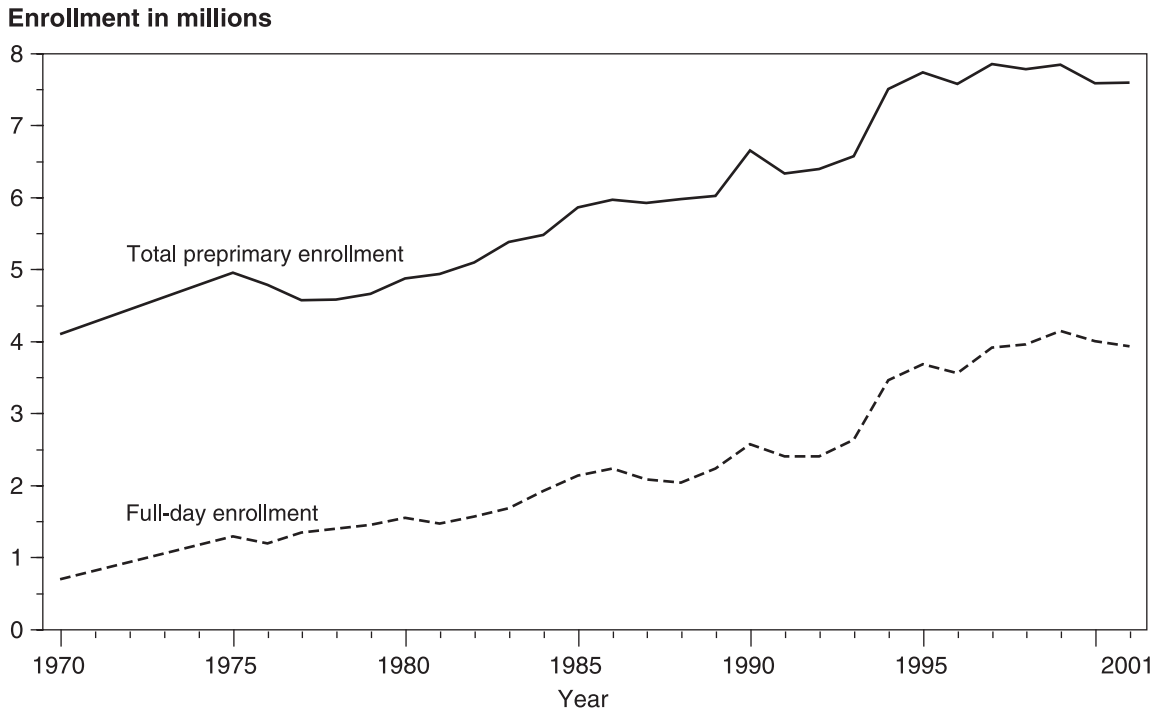
After adjustment for inflation, the expenditure per student in public schools rose during the 1980s, and again between 1992–93 and 2001–02 after remaining stable during the first part of the 1990s (table 166 and figure 11). Between 1985–86 and 1990–91, current expenditures per student in fall enrollment grew 14 percent, after adjustment for inflation. From 1990–91 to 1995–96, expenditures per student increased by less than 1 percent. Between 1995–96 and 2001–02, the expenditure per student in fall enrollment rose 17 percent to \$7,661.

Figure 7. Enrollment, number of teachers, pupil/teacher ratio, and expenditures in public schools: 1960–61 to 2001–02



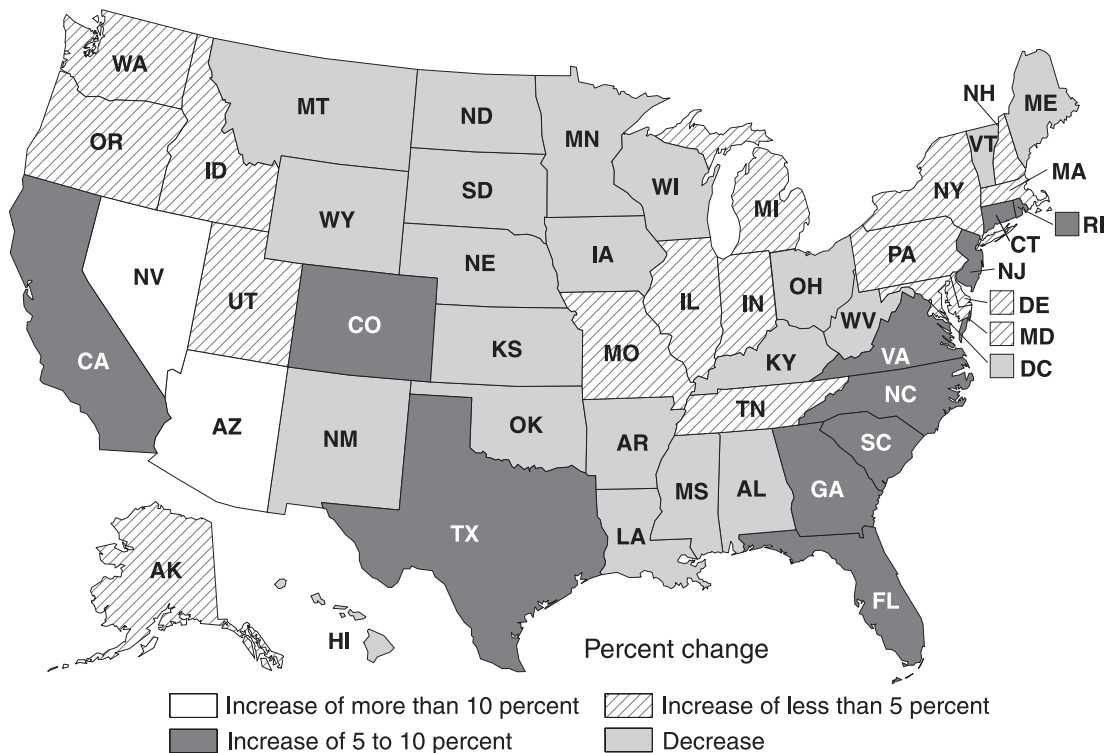
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, 1959–60 through 1969–70; *Statistics of Public Elementary and Secondary School Systems*, 1970 through 1980; *Revenues and Expenditures for Public Elementary and Secondary Education*, 1970–71 through 1980–81; and The NCES Common Core of Data (CCD), “State Nonfiscal Survey of Public Elementary and Secondary Education,” 1981–82 through 2001–02, and “National Public Education Financial Survey,” 1989–90 through 2000–01; and unpublished data.

Figure 8. Preprimary enrollment of 3- to 5-year-olds, by attendance status: October 1970 to October 2001



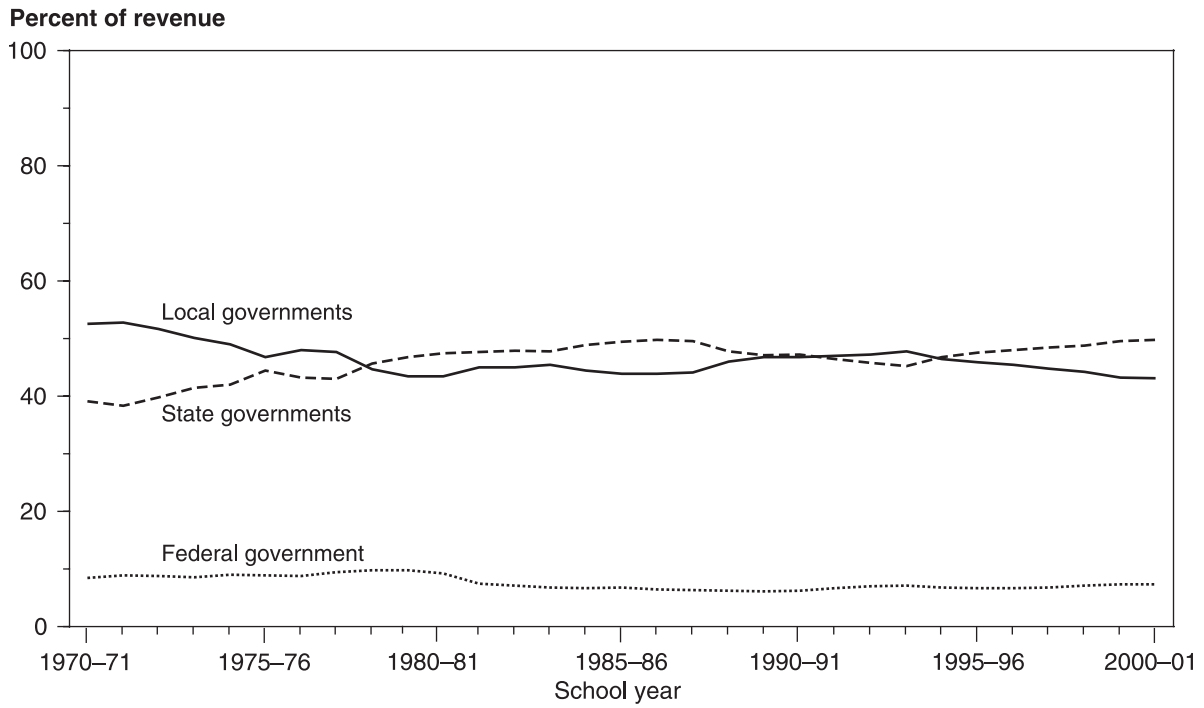
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Preprimary Enrollment*, various years; and U.S. Department of Commerce, Bureau of the Census, Current Population Survey (CPS), unpublished data.

Figure 9. Percentage change in public elementary and secondary enrollment, by state: Fall 1996 to fall 2001



SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1997 and 2002.

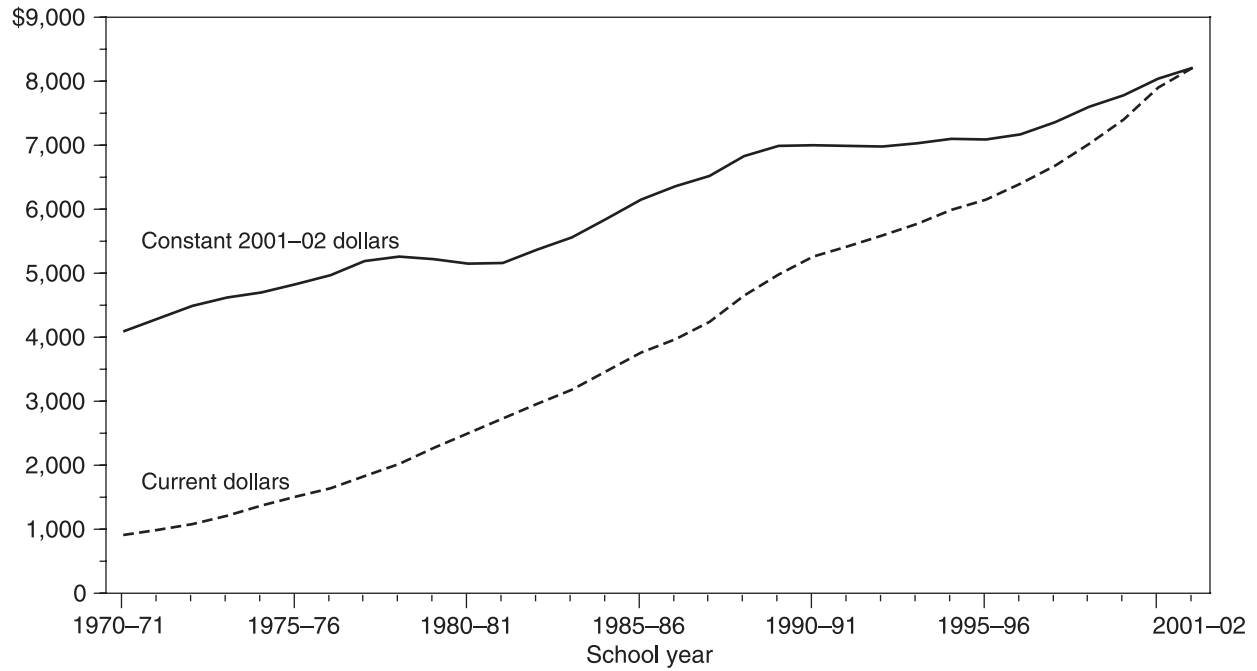
Figure 10. Sources of revenue for public elementary and secondary schools: 1970–71 to 2000–01



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, 1970–71 through 1986–87; and The NCES Common Core of Data (CCD), “National Public Education Financial Survey,” 1987–88 through 2000–01.

Figure 11. Current expenditure per pupil in average daily attendance in public elementary and secondary schools: 1970–71 to 2001–02

Per pupil expenditure



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, 1970–71 through 1986–87 and The NCES Common Core of Data (CCD), “National Public Education Financial Survey,” 1987–88 through 2000–01.

Table 36. Historical summary of public elementary and secondary school statistics: Selected years, 1869-70 to 2000-01

Item	1869-70	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1949-50	1959-60	1969-70	1979-80	1989-90	1990-91	1999-2000	2000-01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Population, pupils, and instructional staff																
Total population, 1 in thousands	38,558	50,156	62,622	75,995	90,490	104,514	121,878	131,028	149,188	177,830	201,385	224,567	246,819	249,623	279,040	281,422
Population aged 5-17 years, 1 in thousands	11,683	15,066	18,473	21,573	24,011	27,571	31,414	30,151	30,223	43,881	52,386	48,041	44,947	45,359	52,811	53,134
Percent of total population 5-17	30.3	30.0	29.5	28.4	26.5	26.4	25.8	23.0	20.3	24.7	26.0	21.4	18.2	18.2	18.9	18.9
Total enrollment in elementary and secondary schools, in thousands ²	3 7,562	9,867	12,723	15,503	17,814	21,578	25,678	25,434	25,112	36,087	45,550	41,651	40,543	41,217	46,857	47,204
Prekindergarten and grades 1-8, in thousands	3 7,481	9,757	12,520	14,984	16,899	19,378	21,279	18,833	19,387	27,602	32,513	28,034	29,152	29,878	33,488	33,688
Grades 9-12, in thousands	3 80	110	203	519	915	2,200	4,399	6,801	5,725	8,485	13,037	13,616	11,390	11,338	13,369	13,515
Enrollment as a percent of total population	3 19.6	19.7	20.3	20.4	19.7	20.6	21.1	19.4	16.8	20.3	22.6	18.5	16.4	16.5	16.8	16.8
Enrollment as a percent of 5- to 17-year-olds	3 64.7	65.5	68.9	71.9	74.2	78.3	81.7	84.4	83.1	82.2	87.0	86.7	90.2	90.9	88.7	88.8
Percent of total enrollment in high schools (grades 9-12 and postgraduate)	3 1.1	1.1	1.6	3.3	5.1	10.2	17.1	26.0	22.8	23.5	28.6	32.7	28.1	27.5	28.5	28.6
High school graduates, in thousands	—	—	22	62	111	231	592	1,143	1,063	1,627	2,589	2,748	2,320	2,235	2,554	2,569
Average daily attendance, in thousands	4,077	6,144	8,154	10,633	12,827	16,150	21,265	22,042	22,284	32,477	41,934	38,289	37,799	38,427	43,807	44,086
Total number of days attended by pupils enrolled, in millions	539	801	1,098	1,535	2,011	2,615	3,673	3,858	3,964	5,782	7,501	4 6,835	—	—	—	—
Percent of enrolled pupils attending daily	59.3	62.3	64.1	68.6	72.1	82.8	86.7	86.7	88.7	90.0	90.4	90.1	—	—	—	—
Average length of school term, in days	132.2	130.3	134.7	144.3	157.5	161.9	172.7	175.0	177.9	178.0	178.9	178.5	—	179.8	—	—
Average number of days attended per pupil	78.4	81.1	86.3	99.0	113.0	121.2	143.0	151.7	157.9	160.2	161.7	160.8	—	—	—	—
Total instructional staff, in thousands	—	—	—	—	—	678	880	912	963	1,457	2,286	2,406	2,986	3,051	3,820	3,877
Supervisors, in thousands	—	—	—	—	—	7	7	5	43	64	91	106	126	127	137	142
Principals, in thousands	—	—	—	—	—	14	31	32	—	—	—	—	—	—	—	—
Teachers, librarians, and other nonsupervisory instructional staff, 5 in thousands	201	287	364	423	523	657	843	875	920	1,393	2,195	2,300	2,860	2,924	3,683	3,735
Men, in thousands	78	123	126	127	110	93	140	195	196	4 404	4 711	4 782	—	—	—	—
Women, in thousands	123	164	238	296	413	585	703	681	724	4 989	4 1,484	4 1,518	—	—	—	—
Percent men	38.7	42.8	34.5	29.9	21.1	14.1	16.6	22.2	21.3	4 29.0	4 32.4	4 34.0	—	—	—	—
Amounts in millions of current dollars																
Revenues and expenditures																
Total revenue receipts	—	—	\$143	\$220	\$433	\$970	\$2,089	\$2,261	\$5,437	\$14,747	\$40,267	\$96,881	\$208,548	\$223,341	\$372,944	\$400,919
Federal government	—	—	—	—	—	2	7	40	156	652	3,220	9,504	12,701	13,776	27,098	29,086
State governments	—	—	—	—	—	160	354	684	2,166	5,768	16,063	45,349	98,239	105,325	184,613	199,147
Local sources, including intermediate	—	—	—	—	—	808	1,728	1,536	3,116	8,327	20,985	42,029	97,608	104,240	161,233	172,686
Percent distribution of revenue receipts																
Federal government	—	—	—	—	—	0.3	0.4	1.8	2.9	4.4	8.0	9.8	6.1	6.2	7.3	7.3
State governments	—	—	—	—	—	16.5	16.9	30.3	39.8	39.1	39.9	46.8	47.1	47.2	49.5	49.7
Local sources, including intermediate	—	—	—	—	—	83.2	82.7	68.0	57.3	56.5	52.1	43.4	46.8	46.7	43.2	43.1
Total expenditures for public schools	\$63	\$78	\$141	\$215	\$426	\$1,036	\$2,317	\$2,344	\$5,838	\$15,613	\$40,883	\$95,962	\$212,770	\$229,430	\$381,838	\$411,518
Current expenditures ⁶	—	—	114	180	356	861	1,844	1,942	4,687	12,329	34,218	78,984	188,229	202,038	323,889	348,170
Capital outlay ⁸	—	—	26	35	70	154	371	258	1,014	2,662	4,659	6,506	17,781	19,771	43,357	47,118
Interest on school debt	—	—	—	—	—	18	93	131	101	117	1,171	1,874	3,776	4,325	9,135	10,165
Other current expenditures ⁹	—	—	—	—	—	3	10	13	36	133	636	1,058	2,983	3,296	5,457	6,065
Percent distribution of total expenditures																
Current expenditures ⁶	—	—	81.3	83.5	83.6	83.1	79.6	82.8	80.3	79.0	78.4	79.0	78.5	78.1	78.8	78.6
Capital outlay ⁸	—	—	18.7	16.5	16.4	14.8	16.0	11.0	17.4	17.0	11.5	6.8	8.4	8.6	11.4	11.4
Interest on school debt	—	—	—	—	—	1.8	4.0	5.6	1.7	3.1	2.9	2.0	1.8	1.9	2.4	2.5
Other current expenditures ⁹	—	—	—	—	—	0.3	0.4	0.6	0.6	0.8	1.6	10.0	1.4	1.4	1.4	1.5

See notes at end of table.

Table 36. Historical summary of public elementary and secondary school statistics: Selected years, 1869-70 to 2000-01—Continued

Item	1869-70	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1949-50	1959-60	1969-70	1979-80	1989-90	1990-91	1999-2000	2000-01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Amounts in current dollars																
Annual salary of classroom teachers ¹¹	\$189	\$195	\$252	\$325	\$485	\$871	\$1,420	\$1,441	\$3,010	\$4,995	\$8,626	\$15,970	\$31,367	\$33,084	\$41,827	\$43,400
Personal income per member of labor force ¹	—	—	—	—	—	—	1,734	1,324	3,397	5,763	9,671	19,831	37,134	38,964	55,870	58,959
Total school expenditures per capita of total population	1.59	1.56	2.23	2.83	4.71	9.91	19.01	17.89	39	88	202	427	862	919	1,368	1,462
National income ¹ per capita	—	—	—	—	—	—	712.19	556.37	1,453	2,314	3,986	9,243	17,795	18,596	26,766	28,372
Current expenditure ^{6,12} per pupil in ADA ¹³	—	—	13.99	16.67	27.85	53.32	86.70	88.09	210	375	816	2,272	4,980	5,258	7,394	7,898
Total expenditure ¹⁴ per pupil in ADA	15.55	12.71	17.23	20.21	33.23	64.16	108.49	105.74	260	471	955	2,491	5,550	5,885	8,592	9,197
National income per pupil in ADA	—	—	—	—	—	—	4,082	3,307	9,724	12,671	19,142	54,209	116,195	120,805	170,492	181,110
Current expenditure per day ¹⁵ per pupil in ADA ⁶	—	—	0.10	0.12	0.18	0.33	0.50	0.50	1.17	2.11	4.56	12.73	—	—	—	—
Total expenditure per day per pupil in ADA	0.12	0.10	0.13	0.14	0.21	0.40	0.63	0.60	1.46	2.65	5.34	13.95	—	—	—	—
Amounts in constant 2000-01 dollars																
Annual salary of classroom teachers ¹¹	—	—	—	—	—	\$8,002	\$14,525	\$18,054	\$22,253	\$29,765	\$39,983	\$36,018	\$43,253	\$43,256	\$43,260	\$43,400
Personal income per member of labor force ¹	—	—	—	—	—	—	17,742	16,583	25,116	34,340	44,827	44,726	51,206	50,944	57,784	58,959
Total school expenditures per capita of total population	—	—	—	—	—	91	194	224	289	523	936	964	1,189	1,202	1,415	1,462
National income ¹ per capita	—	—	—	—	—	—	7,285	6,971	10,739	13,789	18,475	20,846	24,538	24,314	27,683	28,372
Current expenditure ^{6,12} per pupil in ADA ¹³	—	—	—	—	—	490	887	1,104	1,553	2,235	3,782	5,124	6,867	6,874	7,647	7,898
Total expenditure ¹⁴ per pupil in ADA	—	—	—	—	—	589	1,110	1,325	1,925	2,807	4,427	5,618	7,653	7,694	8,886	9,197
National income per pupil in ADA	—	—	—	—	—	—	41,753	41,437	71,894	75,503	88,725	122,262	160,227	157,948	176,333	181,110
Current expenditure per day ¹⁵ per pupil in ADA ⁶	—	—	—	—	—	3.0	5.1	6.3	8.6	12.6	21.1	28.7	—	—	—	—
Total expenditure per day per pupil in ADA	—	—	—	—	—	3.7	6.4	7.5	10.8	15.8	24.8	31.5	—	—	—	—

—Not available.
¹Data on population and labor force are from the Bureau of the Census, and data on personal income and national income are from the Bureau of Economic Analysis, U.S. Department of Commerce. Population data through 1900 are based on total population from the decennial census. From 1909-10 to 1959-60, population data are total population, including armed forces overseas, as of July 1. Data for later years are for resident population that excludes armed forces overseas.
²Data for 1869-70 through 1959-60 are school year enrollment. Data for later years are fall enrollment.
³Data for 1870-71.
⁴Estimated by the National Center for Education Statistics.
⁵Prior to 1919-20, data are for the number of different persons employed rather than number of positions.
⁶Prior to 1919-20, includes interest on school debt.
⁷Because of the modification of the scope of "current expenditures for elementary and secondary schools," data for 1959-60 and later years are not entirely comparable with prior years.
⁸Beginning in 1969-70, includes capital outlay by state and local school building authorities.
⁹Includes summer schools, community colleges, and adult education. Beginning in 1959-60, also includes community services, formerly classified with "current expenditures for elementary and secondary schools."
¹⁰Excludes community colleges and adult education.
¹¹Prior to 1959-60, average includes supervisors, principals, teachers, and other nonsupervisory instructional staff. Data for 1959-60 and later years are estimated by the National Education Association.
¹²Excludes current expenditures not allocable to pupil costs.
¹³"ADA" means average daily attendance in elementary and secondary schools.
¹⁴Expenditure figure is the sum of current expenditures allocable to pupil costs, capital outlay, and interest on school debt.
¹⁵Per-day rates derived by dividing annual rates by average length of term.
 NOTE: Kindergarten enrollment includes nursery school pupils. Some data have been revised from previously published figures. Beginning in 1959-60, data include Alaska and Hawaii. Detail may not sum to totals due to rounding.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems: Statistics of Public Elementary and Secondary School Systems; Revenues and Expenditures for Public Elementary and Secondary Education, FY 1960*; The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1989-90 through 2001-02, and "National Public Financial Survey," 1989-90 through 2000-01; Council of Economic Advisors, *Economic Report of the President*, various years; Census Bureau, unpublished data; Bureau of Economic Analysis, unpublished data; Bureau of Labor Statistics, unpublished data. (This table was prepared October 2003.)

**Table 37. Enrollment in public elementary and secondary schools, by state or jurisdiction:
Fall 1988 to fall 2002**

State or jurisdiction	Fall 1988	Fall 1989	Fall 1990	Fall 1991	Fall 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996	Fall 1997	Fall 1998
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
1	2	3	4	5	6	7	8	9	10	11	12
United States	40,188,690	40,542,707	41,216,683	42,046,878	42,823,312	43,464,916	44,111,482	44,840,481	45,611,046	46,126,897	46,538,585
Alabama	724,751	723,743	721,806	722,004	731,634	734,288	736,531	746,149	747,932	749,207	747,980
Alaska	106,481	109,280	113,903	118,680	122,487	125,948	127,057	127,618	129,919	132,123	135,373
Arizona	574,890	607,615	639,853	656,980	673,477	709,453	737,424	743,566	799,250	814,113	848,262
Arkansas	436,387	434,960	436,286	438,518	441,490	444,271	447,565	453,257	457,349	456,497	452,256
California	4,618,120	4,771,978	4,950,474	5,107,145	5,254,844	5,327,231	5,407,475	5,536,406	5,686,198	5,803,887	5,926,037
Colorado	560,081	562,755	574,213	593,030	612,635	625,062	640,521	656,279	673,438	687,167	699,135
Connecticut	460,637	461,560	469,123	481,050	488,476	496,298	506,824	517,935	527,129	535,164	544,698
Delaware	96,678	97,808	99,658	102,196	104,321	105,547	106,813	108,461	110,549	111,960	113,262
District of Columbia	84,792	81,301	80,694	80,618	80,937	80,678	80,450	79,802	78,648	77,111	71,889
Florida	1,720,930	1,789,925	1,861,592	1,932,131	1,981,407	2,040,763	2,111,188	2,176,222	2,242,212	2,294,077	2,337,633
Georgia	1,107,994	1,126,535	1,151,687	1,177,569	1,207,186	1,235,304	1,270,948	1,311,126	1,346,761	1,375,980	1,401,291
Hawaii	167,488	169,493	171,708	174,747	177,448	180,410	183,795	187,180	187,653	189,887	188,069
Idaho	214,615	214,932	220,840	225,680	231,668	236,774	240,448	243,097	245,252	244,403	244,722
Illinois	1,794,916	1,797,355	1,821,407	1,848,166	1,873,567	1,893,078	1,916,172	1,943,623	1,973,040	1,998,289	2,011,530
Indiana	960,994	954,165	954,525	956,988	960,630	965,633	969,022	977,263	982,876	986,836	989,001
Iowa	478,200	478,486	483,652	491,363	494,839	498,519	500,440	502,343	502,941	501,054	498,214
Kansas	426,596	430,864	437,034	445,390	451,536	457,614	460,838	463,008	466,293	468,687	472,353
Kentucky	637,627	630,688	636,401	646,024	655,041	655,265	657,642	659,821	656,089	669,322	655,687
Louisiana	786,683	783,025	784,757	794,128	797,985	800,560	797,933	797,366	793,296	776,813	768,734
Maine	212,902	213,775	215,149	216,400	216,453	216,995	216,601	213,569	213,593	212,579	211,051
Maryland	688,947	698,806	715,176	736,238	751,850	772,638	790,938	805,544	818,583	830,744	841,671
Massachusetts	823,428	825,588	834,314	846,155	859,948	877,726	893,727	915,007	933,898	949,006	962,317
Michigan	1,582,785	1,576,785	1,584,431	1,593,561	1,603,610	1,599,377	1,614,784	1,641,456	1,685,714	1,702,717	1,720,287
Minnesota	726,950	739,553	756,374	773,571	793,724	810,233	821,693	835,166	847,204	853,621	856,455
Mississippi	503,326	502,020	502,417	504,127	506,668	505,907	505,962	506,272	503,967	504,792	502,379
Missouri	806,639	807,934	816,558	842,965	859,357	866,378	878,541	889,881	900,517	910,613	913,494
Montana	152,191	151,265	152,974	155,779	160,011	163,009	164,341	165,547	164,627	162,335	159,988
Nebraska	269,434	270,920	274,081	279,552	282,414	285,097	287,100	289,744	291,967	292,681	291,140
Nevada	176,474	186,834	201,316	211,810	222,974	235,800	250,747	265,041	282,131	296,621	311,061
New Hampshire	169,413	171,696	172,785	177,138	181,247	185,360	189,319	194,171	198,308	201,629	204,713
New Jersey	1,080,871	1,076,005	1,089,646	1,109,796	1,130,560	1,151,307	1,174,206	1,197,381	1,227,832	1,250,276	1,268,996
New Mexico	292,425	296,057	301,881	308,667	315,668	322,292	327,248	329,640	332,632	331,673	328,753
New York	2,573,715	2,565,841	2,598,337	2,643,993	2,689,686	2,733,813	2,766,208	2,813,230	2,843,131	2,861,823	2,877,143
North Carolina	1,083,156	1,080,744	1,086,871	1,097,598	1,114,083	1,133,231	1,156,767	1,183,090	1,210,108	1,236,083	1,254,821
North Dakota	118,809	117,816	117,825	118,376	118,734	119,127	119,288	119,100	120,123	118,572	114,927
Ohio	1,778,544	1,764,410	1,771,089	1,783,767	1,795,199	1,807,319	1,814,290	1,836,015	1,844,698	1,847,114	1,842,163
Oklahoma	580,426	578,580	579,087	588,263	597,096	604,076	609,718	616,393	620,695	623,681	628,492
Oregon	461,752	472,394	472,394	498,614	510,122	516,611	521,945	527,914	537,854	541,346	542,809
Pennsylvania	1,659,714	1,655,279	1,667,834	1,692,797	1,717,613	1,744,082	1,764,946	1,787,533	1,804,256	1,815,151	1,816,414
Rhode Island	133,585	135,729	138,813	142,144	143,798	145,676	147,487	149,799	151,324	153,321	154,785
South Carolina	615,774	616,177	622,112	627,470	640,464	643,696	648,725	645,586	652,816	659,273	664,600
South Dakota	126,910	127,329	129,164	131,576	134,573	142,825	143,482	144,685	143,331	142,443	132,495
Tennessee	821,580	819,660	824,595	833,651	855,231	866,557	881,425	893,770	904,818	893,044	905,454
Texas	3,283,707	3,328,514	3,382,887	3,464,371	3,541,769	3,608,262	3,677,171	3,748,167	3,828,975	3,891,877	3,945,367
Utah	431,119	438,554	446,652	456,430	463,870	471,365	474,675	477,121	481,812	482,957	481,176
Vermont	93,381	94,779	95,762	97,137	98,558	102,755	104,533	105,565	106,341	105,984	105,120
Virginia	982,393	985,346	998,601	1,016,204	1,031,925	1,045,471	1,060,809	1,079,854	1,096,093	1,110,815	1,124,022
Washington	790,918	810,232	839,709	869,327	896,475	915,952	938,314	956,572	974,504	991,235	998,053
West Virginia	335,912	327,540	322,389	320,249	318,296	314,383	310,511	307,112	304,052	301,419	297,530
Wisconsin	774,857	782,905	797,621	814,671	829,415	844,001	860,581	870,175	879,259	881,780	879,542
Wyoming	97,793	97,172	98,226	102,074	100,313	100,899	100,314	99,859	99,058	97,115	95,241
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	50,125
Department of Defense dependents schools:											
Overseas schools	—	—	—	—	—	—	—	—	80,715	78,254	78,170
Domestic schools	—	—	—	—	—	—	—	—	—	—	—
Outlying areas											
American Samoa	11,764	12,258	12,463	13,365	13,994	14,484	14,445	14,576	14,766	15,214	15,372
Guam	26,041	26,493	26,391	28,334	30,077	30,920	32,185	32,960	33,393	32,444	32,222
Northern Marianas	6,079	6,101	6,449	7,096	8,086	8,188	8,429	8,809	9,041	9,246	9,498
Puerto Rico	661,693	651,225	644,734	642,392	637,034	631,460	621,121	627,620	618,861	617,157	613,862
Virgin Islands	23,492	21,193	21,750	22,346	22,887	22,752	23,126	22,737	22,385	22,136	20,976

See notes at end of table.

**Table 37. Enrollment in public elementary and secondary schools, by state or jurisdiction:
Fall 1988 to fall 2002—Continued**

State or jurisdiction	Fall 1999			Fall 2000			Fall 2001			Projected 2002 enrollment
	Total	Prekindergarten through grade 8 ¹	Grades 9 to 12 ²	Total	Prekindergarten through grade 8 ¹	Grades 9 to 12 ²	Total	Prekindergarten through grade 8 ¹	Grades 9 to 12 ²	
1	13	14	15	16	17	18	19	20	21	22
United States	46,857,149	33,488,378	13,368,771	47,203,539	33,688,302	13,515,237	47,687,871	33,952,003	13,735,868	47,917,774
Alabama	740,732	538,687	202,045	739,992	538,634	201,358	737,294	535,684	201,610	735,102
Alaska	134,391	95,601	38,790	133,356	94,442	38,914	134,358	94,897	39,461	136,005
Arizona	852,612	623,561	229,051	877,696	640,566	237,130	922,180	671,658	250,522	928,624
Arkansas	451,034	317,714	133,320	449,959	318,025	131,934	449,805	317,925	131,880	447,511
California	6,038,590	4,336,688	1,701,902	6,140,814	4,407,825	1,732,989	6,248,610	4,479,950	1,768,660	6,324,871
Colorado	708,109	506,568	201,541	724,508	516,566	207,942	742,145	529,156	212,989	743,987
Connecticut	553,993	403,913	150,080	562,179	406,445	155,734	570,228	410,017	160,211	570,552
Delaware	112,836	80,274	32,562	114,676	80,801	33,875	115,555	81,274	34,281	116,394
District of Columbia	77,194	59,917	17,277	68,925	53,686	15,239	75,392	57,951	17,441	71,183
Florida	2,381,396	1,725,493	655,903	2,434,821	1,759,902	674,919	2,500,478	1,797,414	703,064	2,512,316
Georgia	1,422,762	1,044,030	378,732	1,444,937	1,059,983	384,954	1,470,634	1,075,195	395,439	1,480,548
Hawaii	185,860	133,250	52,610	184,360	132,293	52,067	184,546	131,881	52,665	187,105
Idaho	245,136	168,822	76,314	245,117	170,421	74,696	246,521	171,423	75,098	248,076
Illinois	2,027,600	1,462,234	565,366	2,048,792	1,473,939	574,853	2,071,391	1,484,207	587,184	2,078,416
Indiana	988,702	699,221	289,481	989,267	703,277	285,990	996,133	711,471	284,662	996,674
Iowa	497,301	335,919	161,382	495,080	333,804	161,276	485,932	329,670	156,262	488,004
Kansas	472,188	325,818	146,370	470,610	323,227	147,383	470,205	322,426	147,779	466,317
Kentucky	648,180	458,826	189,354	665,850	471,442	194,408	654,363	473,499	180,864	641,883
Louisiana	756,579	548,019	208,560	743,089	546,575	196,514	731,328	536,951	194,377	732,412
Maine	209,253	148,774	60,479	207,037	145,709	61,328	205,586	143,864	61,722	205,191
Maryland	846,582	607,125	239,457	852,920	609,093	243,827	860,640	610,907	249,733	866,348
Massachusetts	971,425	706,251	265,174	975,150	702,575	272,575	973,140	699,496	273,644	975,497
Michigan	1,725,639	1,244,586	481,053	1,720,626	1,222,482	498,144	1,730,668	1,222,763	507,905	1,785,908
Minnesota	854,034	580,363	273,671	854,340	577,766	276,574	851,384	573,028	278,356	846,434
Mississippi	500,716	365,357	135,359	497,871	363,907	133,964	493,507	361,648	131,859	492,990
Missouri	914,110	648,758	265,352	912,744	644,803	267,941	909,792	642,513	267,279	911,074
Montana	157,556	107,490	50,066	154,875	105,226	49,649	151,947	102,721	49,226	151,820
Nebraska	288,261	197,014	91,247	286,199	195,486	90,713	285,095	194,653	90,442	283,568
Nevada	325,610	239,625	85,985	340,706	250,721	89,985	356,814	262,473	94,341	363,775
New Hampshire	206,783	146,854	59,929	208,461	147,124	61,337	206,847	144,489	62,358	206,754
New Jersey	1,289,256	953,766	335,490	1,313,405	967,719	345,686	1,341,656	971,934	369,722	1,356,374
New Mexico	324,495	228,592	95,903	320,306	224,879	95,427	320,260	225,036	95,224	323,656
New York	2,887,776	2,033,748	854,028	2,882,188	2,029,456	852,732	2,872,132	2,017,342	854,790	2,887,555
North Carolina	1,275,925	934,725	341,200	1,293,638	945,470	348,168	1,315,363	955,965	359,398	1,318,475
North Dakota	112,751	74,968	37,783	109,201	72,421	36,780	106,047	70,454	35,593	104,602
Ohio	1,836,554	1,296,450	540,104	1,835,049	1,293,646	541,403	1,830,985	1,286,632	544,353	1,830,227
Oklahoma	627,032	446,719	180,313	623,110	445,409	177,701	622,139	445,997	176,142	611,488
Oregon	545,033	378,474	166,559	546,231	379,283	166,948	551,480	381,695	169,785	552,119
Pennsylvania	1,816,716	1,262,181	554,535	1,814,311	1,257,824	556,487	1,821,627	1,254,692	566,935	1,841,516
Rhode Island	156,454	113,520	42,934	157,347	113,545	43,802	158,046	112,783	45,263	161,217
South Carolina	666,780	483,725	183,055	677,411	493,226	184,185	691,078	499,982	191,096	692,003
South Dakota	131,037	89,590	41,447	128,603	87,838	40,765	127,542	86,982	40,560	126,830
Tennessee	916,202	664,393	251,809	909,161	668,123	241,038	925,030	674,638	250,392	928,795
Texas	3,991,783	2,895,853	1,095,930	4,059,619	2,943,047	1,116,572	4,163,447	3,016,214	1,147,233	4,166,333
Utah	480,255	329,185	151,070	481,485	333,149	148,336	484,677	338,013	146,664	484,246
Vermont	104,559	72,276	32,283	102,049	70,320	31,729	101,179	69,299	31,880	100,943
Virginia	1,133,994	817,143	316,851	1,144,915	815,748	329,167	1,163,091	826,184	336,907	1,181,476
Washington	1,003,714	694,750	308,964	1,004,770	694,367	310,403	1,009,200	696,257	312,943	1,010,515
West Virginia	291,811	203,475	88,336	286,367	201,199	85,168	282,885	199,803	83,082	281,438
Wisconsin	877,753	596,439	281,314	879,476	594,740	284,736	879,361	591,804	287,557	874,803
Wyoming	92,105	61,654	30,451	89,940	60,148	29,792	88,128	59,093	29,035	87,824
Bureau of Indian Affairs	49,076	37,450	11,626	46,938	35,746	11,192	46,476	35,021	11,455	—
Department of Defense dependents schools:										
Overseas schools	³ 108,035	90,498	17,537	73,581	59,299	14,282	73,212	58,750	14,462	—
Domestic schools	—	—	—	34,058	30,581	3,477	32,283	28,825	3,458	—
Outlying areas										
American Samoa	15,477	11,899	3,578	15,702	11,895	3,807	15,897	11,911	3,986	—
Guam	32,951	24,151	8,800	32,473	23,698	8,775	31,992	23,133	8,859	—
Northern Marianas	9,732	7,634	2,098	10,004	7,809	2,195	10,479	8,015	2,464	—
Puerto Rico	613,019	447,204	165,815	612,725	445,463	167,262	604,177	438,053	166,124	—
Virgin Islands	20,866	14,821	6,045	19,459	13,906	5,553	18,780	13,421	5,359	—

—Not available.

¹ Includes elementary unclassified.² Includes secondary unclassified.³ Includes both overseas and domestic schools.SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1988–89 through 2001–02, and *Projections of Education Statistics to 2013*. (This table was prepared July 2003.)

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

Table 38. Enrollment in public elementary and secondary schools, by level, grade, and state or jurisdiction: Fall 2001

State or jurisdiction	Total, all levels	Prekindergarten through grade 8 and elementary unclassified							
		Total	Prekindergarten ¹	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
1	2	3	4	5	6	7	8	9	10
United States	² 47,687,871	33,952,003	² 866,969	3,380,714	3,615,443	3,594,535	3,654,322	3,695,925	3,727,624
Alabama	² 737,294	535,684	² 11,945	54,148	58,102	56,877	58,654	58,929	59,698
Alaska	134,358	94,897	1,253	10,095	9,514	9,905	10,011	10,722	10,787
Arizona	922,180	671,658	6,624	72,119	73,938	73,478	72,702	74,270	74,464
Arkansas	449,805	317,925	1,623	34,981	34,084	33,604	33,779	35,216	35,774
California	² 6,248,610	4,479,950	² 101,235	457,165	488,311	491,610	488,633	485,301	491,274
Colorado	742,145	529,156	19,516	53,079	55,817	55,683	56,468	58,028	58,318
Connecticut	570,228	410,017	11,050	41,906	43,772	43,273	44,696	44,990	45,243
Delaware	115,555	81,274	586	7,615	9,079	9,053	9,215	9,069	8,901
District of Columbia	75,392	57,951	4,105	5,203	5,751	5,752	5,845	5,561	5,515
Florida	2,500,478	1,797,414	57,038	177,225	187,725	188,894	192,757	196,952	197,495
Georgia	1,470,634	1,075,195	33,310	111,173	114,464	113,911	116,914	116,886	118,363
Hawaii	184,546	131,881	917	13,822	14,444	14,788	14,818	14,886	15,238
Idaho	246,521	171,423	2,341	17,869	17,940	18,017	18,490	18,974	19,130
Illinois	2,071,391	1,484,207	57,550	148,348	159,554	159,604	162,837	159,038	161,167
Indiana	996,133	711,471	6,147	72,344	79,149	76,645	77,856	79,008	80,295
Iowa	485,932	329,670	5,714	34,249	32,979	33,957	35,204	36,106	36,729
Kansas	470,205	322,426	2,032	30,104	33,909	33,599	33,949	34,932	35,437
Kentucky	654,363	473,499	32,407	45,781	51,967	47,247	47,247	49,288	49,791
Louisiana	731,328	536,951	17,199	53,323	58,309	56,310	57,534	62,290	54,935
Maine	205,586	143,864	1,333	13,709	14,243	14,374	15,038	15,883	16,186
Maryland	860,640	610,907	20,314	56,384	62,917	63,955	65,172	67,448	68,539
Massachusetts	973,140	699,496	20,666	68,565	75,103	73,435	75,379	76,597	77,570
Michigan	1,730,668	1,222,763	16,562	125,197	127,056	127,180	130,384	131,673	135,110
Minnesota	851,384	573,028	9,671	58,357	58,353	59,324	61,292	62,580	63,764
Mississippi	493,507	361,648	1,805	36,931	40,483	38,926	39,748	39,749	39,751
Missouri	909,792	642,513	18,515	64,104	64,975	65,722	69,032	71,928	71,816
Montana	151,947	102,721	506	10,069	10,558	10,531	10,915	11,684	11,684
Nebraska	285,095	194,653	5,064	20,234	20,127	20,091	20,679	21,160	21,543
Nevada	356,814	262,473	2,147	26,877	29,617	29,098	29,178	29,676	29,728
New Hampshire	206,847	144,489	1,830	9,599	15,875	15,563	15,776	16,612	16,756
New Jersey	1,341,656	971,934	19,751	89,533	100,691	98,632	101,065	101,038	101,724
New Mexico	320,260	225,036	3,499	22,137	23,937	23,897	24,810	25,163	25,755
New York	2,872,132	2,017,342	40,212	190,402	211,673	212,597	215,471	214,283	216,061
North Carolina	1,315,363	955,965	9,320	102,772	105,074	104,147	105,116	106,093	106,651
North Dakota	106,447	70,454	721	7,059	7,195	7,271	7,649	7,759	7,911
Ohio	1,830,985	1,286,632	23,856	121,772	137,238	135,161	140,225	140,849	144,015
Oklahoma	622,139	445,997	25,707	43,214	49,247	44,855	45,477	47,164	47,347
Oregon	551,480	381,695	462	38,085	41,020	40,515	41,418	42,726	44,020
Pennsylvania	1,821,627	1,254,692	2,537	118,183	132,738	132,935	137,393	140,722	144,619
Rhode Island	158,046	112,783	1,229	10,704	11,996	12,399	12,354	12,717	12,809
South Carolina	691,078	499,982	19,281	47,618	51,896	51,501	53,561	54,854	55,175
South Dakota	127,542	86,982	1,176	9,075	8,844	9,035	9,347	9,641	9,598
Tennessee	² 925,030	674,638	² 14,987	69,429	72,221	70,244	71,436	72,714	73,739
Texas	4,163,447	3,016,214	170,101	302,859	323,133	319,249	320,083	318,842	317,320
Utah	484,677	338,013	6,876	36,521	37,023	35,784	35,463	36,411	35,994
Vermont	101,179	69,299	2,567	6,289	6,780	7,005	7,214	7,468	7,799
Virginia	1,163,091	826,184	14,137	82,489	87,841	88,692	90,480	91,966	92,693
Washington	1,009,200	696,257	8,102	68,280	73,602	73,377	76,527	78,504	79,397
West Virginia	282,885	199,803	6,770	20,247	21,134	20,570	21,002	21,561	22,094
Wisconsin	879,361	591,804	24,673	57,469	58,174	60,059	61,655	63,509	65,101
Wyoming	88,128	59,093	(³)	6,002	5,871	6,204	6,374	6,587	6,801
Bureau of Indian Affairs ..	46,476	35,021	(³)	4,122	3,759	3,871	3,916	4,016	3,912
Department of Defense dependents schools:..									
Overseas schools	73,212	58,750	1,948	6,788	7,040	6,762	6,634	6,626	6,196
Domestic schools	32,283	28,825	2,855	3,824	3,755	3,435	3,208	3,009	2,729
Outlying areas									
American Samoa	15,897	11,911	1,435	969	1,149	1,261	1,297	1,251	1,152
Guam	31,992	23,133	474	2,336	2,646	2,707	2,241	2,621	2,591
Northern Marianas	10,479	8,015	523	665	872	855	962	832	879
Puerto Rico	604,177	438,053	863	41,529	48,601	46,899	47,606	47,082	46,501
Virgin Islands ⁴	18,780	13,421	(³)	—	—	—	—	—	—

See notes at end of table.

Table 38. Enrollment in public elementary and secondary schools, by level, grade, and state or jurisdiction: Fall 2001—Continued

State or jurisdiction	Prekindergarten through grade 8 and elementary unclassified				Grades 9 through 12 and secondary unclassified					
	Grade 6	Grade 7	Grade 8	Elementary unclassified	Total	Grade 9	Grade 10	Grade 11	Grade 12	Secondary unclassified
1	11	12	13	14	15	16	17	18	19	20
United States	3,770,057	3,721,862	3,618,837	305,715	13,735,868	4,012,770	3,528,573	3,174,203	2,863,083	157,239
Alabama	60,546	60,194	56,591	0	201,610	61,038	51,525	46,138	42,909	0
Alaska	10,941	10,967	10,702	0	39,461	11,734	10,147	9,240	8,340	0
Arizona	74,408	72,303	69,643	7,709	250,522	72,859	67,117	57,782	52,162	602
Arkansas	36,124	36,284	35,372	1,084	131,880	35,894	34,418	32,257	28,849	462
California	493,218	472,363	461,133	49,707	1,768,660	499,505	459,588	420,295	365,907	23,365
Colorado	58,213	57,494	56,540	0	212,989	62,756	54,862	50,459	44,912	0
Connecticut	45,879	45,254	43,954	0	160,211	46,621	41,778	37,511	34,301	0
Delaware	9,137	9,222	9,397	0	34,281	10,618	9,036	7,597	7,030	0
District of Columbia	4,945	4,261	3,662	7,351	17,441	4,012	3,584	3,119	2,815	3,911
Florida	202,978	202,100	194,250	0	703,064	248,764	172,935	150,752	130,613	0
Georgia	121,152	116,877	112,145	0	395,439	128,734	102,590	88,301	75,814	0
Hawaii	15,184	14,017	13,705	62	52,665	16,036	13,521	12,424	10,632	52
Idaho	19,698	19,372	19,592	0	75,098	19,923	19,074	18,473	17,628	0
Illinois	163,556	157,988	151,737	2,828	587,184	165,529	150,646	137,810	131,411	1,788
Indiana	80,588	79,863	76,999	2,577	284,662	78,945	73,024	67,649	62,913	2,131
Iowa	37,548	37,666	37,115	2,403	156,262	39,818	39,126	38,443	36,469	2,406
Kansas	36,336	35,844	36,120	10,164	147,779	38,621	37,083	34,645	33,221	4,209
Kentucky	49,718	48,961	47,019	4,073	180,864	53,583	46,656	41,876	37,160	1,589
Louisiana	55,222	58,494	61,115	2,220	194,377	57,164	48,767	45,994	41,611	841
Maine	16,756	17,223	17,347	1,772	61,722	16,689	16,155	14,813	13,410	655
Maryland	68,590	68,600	66,211	2,777	249,733	73,300	63,530	57,306	52,671	2,926
Massachusetts	78,815	78,147	75,219	0	273,644	80,394	69,692	64,105	59,453	0
Michigan	139,669	134,917	129,908	25,107	507,905	145,651	129,993	117,676	103,839	10,746
Minnesota	66,189	66,701	66,797	0	278,356	69,032	70,837	69,490	68,997	0
Mississippi	39,522	39,304	36,731	8,698	131,859	38,498	33,388	28,659	25,816	5,498
Missouri	71,587	71,290	69,677	3,867	267,279	75,156	69,519	63,408	57,727	1,469
Montana	12,200	12,087	12,389	180	49,226	13,004	12,757	12,083	11,307	75
Nebraska	22,239	21,759	21,757	0	90,442	23,855	22,824	22,084	21,679	0
Nevada	30,045	28,424	27,028	655	94,341	32,086	25,082	17,694	19,461	18
New Hampshire	17,422	17,314	17,111	631	62,358	17,646	16,156	15,175	13,309	72
New Jersey	102,400	101,679	97,127	58,294	369,722	98,784	91,065	83,286	76,271	20,316
New Mexico	25,423	25,403	25,012	0	95,224	28,816	25,843	21,907	18,658	0
New York	219,314	217,811	210,369	69,149	854,790	245,540	219,003	172,609	153,505	64,133
North Carolina	107,997	106,669	102,126	0	359,398	114,236	94,231	81,329	69,602	0
North Dakota	7,990	8,385	8,514	0	35,593	8,906	9,040	8,986	8,661	0
Ohio	145,029	145,388	141,218	11,881	544,353	155,727	139,530	131,413	117,683	0
Oklahoma	47,558	47,198	45,745	2,485	176,142	49,034	45,877	41,575	38,638	1,018
Oregon	44,784	43,986	42,988	1,691	169,785	45,067	44,268	41,403	38,379	668
Pennsylvania	147,884	147,957	146,138	3,586	566,935	159,919	147,555	133,282	122,942	3,237
Rhode Island	13,172	12,945	12,458	0	45,263	13,538	11,631	10,587	9,507	0
South Carolina	52,856	57,301	55,939	0	191,096	64,700	49,751	40,588	36,057	0
South Dakota	10,028	10,049	9,997	192	40,560	10,629	10,562	9,834	9,454	81
Tennessee	73,413	72,738	68,184	15,533	250,392	74,322	66,409	58,383	51,278	0
Texas	317,578	316,287	310,762	0	1,147,233	366,895	293,235	260,674	226,429	0
Utah	36,113	35,538	35,786	6,504	146,664	35,029	36,118	35,923	34,951	4,643
Vermont	8,059	8,146	7,972	0	31,880	8,595	8,137	7,633	7,422	93
Virginia	94,724	92,725	88,184	2,253	336,907	100,599	86,814	78,877	70,607	10
Washington	80,858	79,677	77,933	0	312,943	86,396	81,650	75,361	69,536	0
West Virginia	22,241	22,252	21,650	282	83,082	23,328	21,392	19,801	18,336	225
Wisconsin	67,208	67,398	66,558	0	287,557	77,802	73,512	70,297	65,946	0
Wyoming	7,003	7,040	7,211	0	29,035	7,443	7,540	7,197	6,855	0
Bureau of Indian Affairs ..	3,821	3,928	3,676	0	11,455	3,828	3,095	2,423	2,109	0
Department of Defense dependents schools:										
Overseas schools	6,037	5,734	4,985	0	14,462	4,663	3,801	3,323	2,675	0
Domestic schools	2,539	1,840	1,631	0	3,458	1,212	934	719	593	0
Outlying areas										
American Samoa	1,151	1,160	1,086	0	3,986	1,141	1,029	930	838	48
Guam	2,661	2,545	2,311	0	8,859	3,494	2,412	1,414	1,539	0
Northern Marianas	813	781	779	54	2,464	861	737	434	432	0
Puerto Rico	48,204	50,768	46,410	13,590	166,124	45,056	44,521	37,615	32,699	6,233
Virgin Islands ⁴	—	—	—	13,421	5,359	—	—	—	—	5,359

—Not available.

¹ Data include imputations for nonrespondents.² Includes imputations for underreporting.³ No prekindergarten pupils reported.⁴ Did not report any data by grade.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2001–02. (This table was prepared July 2003.)

Table 39. Enrollment in public elementary and secondary schools, by level, grade, and state or jurisdiction: Fall 2000

State or jurisdiction	Total, all levels	Prekindergarten through grade 8 and elementary unclassified							
		Total	Prekindergarten †	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
1	2	3	4	5	6	7	8	9	10
United States	² 47,203,539	33,688,302	776,064	3,381,579	3,635,665	3,634,415	3,675,802	3,711,427	3,706,657
Alabama	² 739,992	538,634	² 10,836	55,112	59,669	58,887	59,263	59,749	60,123
Alaska	133,356	94,442	1,210	9,677	9,786	9,817	10,700	10,646	10,743
Arizona	877,696	640,566	2,037	68,347	74,491	71,402	72,603	72,295	72,371
Arkansas	449,959	318,025	2,001	33,941	34,541	33,904	35,147	35,724	35,924
California	² 6,140,814	4,407,825	² 89,919	459,771	487,058	490,510	482,278	489,043	490,557
Colorado	724,508	516,566	15,377	51,039	55,144	55,709	56,984	57,056	57,404
Connecticut	562,179	406,445	10,484	41,570	44,347	43,860	44,711	44,682	45,562
Delaware	114,676	80,801	706	7,691	9,233	9,208	9,015	8,848	8,643
District of Columbia	68,925	53,686	4,289	5,357	6,253	6,213	5,839	5,830	5,281
Florida	2,434,821	1,759,902	55,120	175,812	186,708	186,474	191,028	194,320	192,575
Georgia	1,444,937	1,059,983	32,248	110,960	114,049	114,939	115,691	116,678	117,973
Hawaii	184,360	132,293	840	14,071	14,988	14,825	14,928	15,291	15,532
Idaho	245,117	170,421	2,174	17,093	18,096	18,348	18,753	18,964	19,464
Illinois	2,048,792	1,473,939	60,712	147,619	161,147	159,858	161,530	160,495	160,537
Indiana	989,267	703,277	5,567	70,727	78,787	78,022	78,388	79,742	79,153
Iowa	495,080	333,804	5,797	33,977	33,946	34,952	35,818	36,448	36,975
Kansas	470,610	323,227	2,263	30,392	34,134	33,958	34,743	35,165	35,992
Kentucky	665,850	471,442	15,892	48,064	³ 51,128	³ 50,843	³ 51,847	50,899	49,562
Louisiana	743,089	546,575	16,210	55,293	60,404	57,956	58,571	63,884	50,450
Maine	207,037	145,709	1,062	13,769	14,560	15,079	15,754	16,121	16,636
Maryland	852,920	609,093	20,031	56,073	63,751	65,339	65,834	69,279	67,431
Massachusetts	975,150	702,575	19,938	70,647	70,599	75,839	77,269	78,287	79,767
Michigan	² 1,720,626	1,222,482	² 15,318	126,661	129,019	130,128	131,858	134,163	136,829
Minnesota	854,340	577,766	9,300	58,963	59,417	60,882	62,312	63,334	65,674
Mississippi	497,871	363,907	1,682	37,373	41,465	40,169	40,176	40,177	39,797
Missouri	912,744	644,803	17,980	63,634	66,043	68,355	71,586	71,208	70,594
Montana	154,875	105,226	537	10,129	10,959	10,946	11,597	11,682	12,152
Nebraska	286,199	195,486	4,900	20,210	20,384	20,647	20,985	21,357	22,007
Nevada	340,706	250,721	1,888	26,445	28,411	28,123	28,693	28,616	28,626
New Hampshire	208,461	147,124	1,879	9,188	16,337	15,929	16,720	16,852	17,552
New Jersey	1,313,405	967,719	15,183	89,912	100,151	100,013	100,412	100,837	100,726
New Mexico	320,306	224,879	3,090	22,065	24,201	24,577	24,984	25,493	25,515
New York	2,882,188	2,029,456	39,062	194,673	217,654	216,309	218,270	217,881	217,452
North Carolina	1,293,638	945,470	8,722	101,049	106,296	104,297	106,105	105,105	105,402
North Dakota	109,201	72,421	701	7,146	7,610	7,646	7,748	7,982	8,104
Ohio	1,835,049	1,293,646	22,988	128,640	139,802	140,025	141,308	143,373	143,398
Oklahoma	623,110	445,409	23,475	42,979	50,038	45,785	47,008	47,064	47,164
Oregon	546,231	379,283	686	37,739	40,208	40,632	42,253	43,436	43,762
Pennsylvania	1,814,311	1,257,824	2,479	119,318	134,814	135,850	138,337	142,366	144,247
Rhode Island	157,347	113,545	1,055	10,521	12,527	12,064	12,372	12,490	12,551
South Carolina	677,411	493,226	17,340	47,277	52,055	52,705	53,984	54,468	51,092
South Dakota	128,603	87,838	967	8,989	9,075	9,316	9,517	9,583	9,894
Tennessee	² 909,161	668,123	² 13,312	70,351	72,708	71,412	72,467	73,373	73,286
Texas	4,059,619	2,943,047	145,771	294,217	320,752	316,896	316,535	313,731	311,638
Utah	481,485	333,149	6,216	36,039	35,873	35,291	36,298	35,910	35,934
Vermont	102,049	70,320	2,371	6,511	7,051	7,166	7,445	7,736	7,995
Virginia	1,144,915	815,748	7,263	82,585	89,072	89,287	91,217	92,073	92,300
Washington	1,004,770	694,367	7,283	68,531	73,521	75,432	77,945	78,505	79,830
West Virginia	286,367	201,199	6,152	20,937	21,283	21,056	21,634	21,995	21,936
Wisconsin	879,476	594,740	23,751	56,507	59,962	61,205	62,810	64,455	65,570
Wyoming	89,940	60,148	(*)	5,988	6,158	6,330	6,532	6,736	6,975
Bureau of Indian Affairs ..	46,938	35,746	(*)	4,209	4,125	4,045	4,187	4,021	3,775
Department of Defense dependents schools:									
Overseas schools	73,581	59,299	1,846	6,892	7,136	6,905	7,019	6,570	6,453
Domestic schools	34,058	30,581	3,357	4,068	3,873	3,628	3,442	3,089	2,901
Outlying areas									
American Samoa	15,702	11,895	1,369	1,038	1,254	1,330	1,266	1,157	1,170
Guam	32,473	23,698	570	2,596	2,767	2,288	2,718	2,613	2,707
Northern Marianas	10,004	7,809	579	589	858	941	825	890	834
Puerto Rico	612,725	445,463	1,139	42,957	49,807	48,585	46,956	47,296	49,553
Virgin Islands	19,459	13,906	(*)	1,189	1,391	1,409	1,548	1,650	1,554

See notes at end of table.

Table 39. Enrollment in public elementary and secondary schools, by level, grade, and state or jurisdiction: Fall 2000—Continued

State or jurisdiction	Prekindergarten through grade 8 and elementary unclassified				Grades 9 through 12 and secondary unclassified					
	Grade 6	Grade 7	Grade 8	Elementary unclassified	Total	Grade 9	Grade 10	Grade 11	Grade 12	Secondary unclassified
1	11	12	13	14	15	16	17	18	19	20
United States	3,663,187	3,629,317	3,538,027	336,162	13,515,237	3,963,294	3,491,013	3,082,842	2,802,793	175,295
Alabama	58,825	59,219	56,951	0	201,358	60,463	51,991	46,392	42,512	0
Alaska	10,624	10,862	10,377	0	38,914	11,582	10,110	8,887	8,335	0
Arizona	69,828	69,110	65,526	2,556	237,130	70,727	63,765	52,940	49,501	197
Arkansas	35,416	35,562	34,873	992	131,934	36,078	34,958	31,557	28,918	423
California	464,494	458,823	441,877	53,495	1,732,989	485,910	455,134	409,119	357,789	25,037
Colorado	56,330	56,139	55,384	0	207,942	61,197	54,006	49,237	43,502	0
Connecticut	44,536	44,096	42,597	0	155,734	45,525	40,608	37,010	32,591	0
Delaware	8,841	9,541	9,075	0	33,875	10,628	8,887	7,256	7,104	0
District of Columbia	4,777	3,766	3,371	2,710	15,239	4,207	3,606	3,183	2,785	1,458
Florida	197,293	194,909	185,663	0	674,919	238,825	170,385	145,900	119,809	0
Georgia	116,072	112,249	109,124	0	384,954	126,793	99,934	85,910	72,317	0
Hawaii	14,579	13,772	13,424	43	52,067	15,915	13,148	12,560	10,408	36
Idaho	18,988	19,481	19,045	15	74,696	19,537	19,358	18,430	17,371	0
Illinois	158,587	151,830	149,045	2,579	574,853	165,220	150,473	132,793	124,760	1,607
Indiana	79,030	77,404	73,889	2,568	285,990	79,931	73,214	67,183	63,504	2,158
Iowa	36,576	36,704	36,458	6,153	161,276	40,660	39,929	37,592	36,892	6,203
Kansas	35,663	36,091	36,085	8,741	147,383	39,170	37,229	34,300	33,085	3,599
Kentucky	48,433	49,681	48,938	6,155	194,408	58,299	49,055	44,583	39,879	2,592
Louisiana	58,038	58,826	61,997	4,946	196,514	53,940	52,819	46,058	41,836	1,861
Maine	16,917	17,269	17,035	1,507	61,328	17,134	15,842	14,465	13,341	546
Maryland	67,323	66,493	64,647	2,892	243,827	71,705	62,410	55,766	50,962	2,984
Massachusetts	78,971	76,731	74,527	0	272,575	78,201	71,430	64,622	58,322	0
Michigan	132,279	130,290	128,743	27,194	498,144	143,060	129,372	112,394	101,900	11,418
Minnesota	65,148	66,482	66,254	0	276,574	70,729	71,064	67,208	67,573	0
Mississippi	38,479	38,919	36,588	9,082	133,964	39,390	33,717	28,773	26,291	5,793
Missouri	70,128	69,747	68,717	6,811	267,941	75,148	69,939	62,166	58,103	2,585
Montana	12,070	12,431	12,517	206	49,649	13,359	12,861	11,974	11,371	84
Nebraska	21,495	21,637	21,864	0	90,713	24,236	23,378	21,948	21,151	0
Nevada	27,340	26,550	25,327	702	89,985	29,972	19,998	21,477	18,519	19
New Hampshire	17,460	17,240	17,209	758	61,337	17,578	16,160	14,492	13,024	83
New Jersey	100,562	97,236	92,089	70,598	345,686	91,799	84,586	75,715	70,455	23,131
New Mexico	25,172	24,912	24,870	0	95,427	28,944	25,476	21,905	19,102	0
New York	214,004	213,426	203,482	77,243	852,732	245,291	217,734	167,953	151,043	70,711
North Carolina	106,091	103,062	99,295	46	348,168	112,416	91,446	77,475	66,831	0
North Dakota	8,210	8,623	8,651	0	36,780	9,314	9,374	9,020	9,074	0
Ohio	142,996	142,969	139,740	8,407	541,403	156,710	139,229	125,760	119,704	0
Oklahoma	46,769	46,455	46,276	2,396	177,701	49,667	45,912	41,721	39,409	992
Oregon	43,569	42,676	42,364	1,958	166,948	45,541	43,602	39,984	37,055	766
Pennsylvania	144,127	146,032	143,638	6,616	556,487	157,559	142,177	128,868	122,048	5,835
Rhode Island	12,557	12,394	11,750	3,264	43,802	12,819	11,272	10,341	9,184	186
South Carolina	56,124	54,922	53,259	0	184,185	63,776	48,628	37,870	33,911	0
South Dakota	9,999	10,084	10,303	111	40,765	11,043	10,389	9,932	9,354	47
Tennessee	71,180	69,159	66,429	14,446	241,038	73,141	64,349	54,746	48,802	0
Texas	308,392	310,696	304,419	0	1,116,572	360,704	287,355	248,570	219,943	0
Utah	35,190	35,520	34,579	6,299	148,336	35,538	36,489	36,210	35,484	4,615
Vermont	8,125	7,915	8,005	0	31,729	8,595	7,998	7,799	7,232	105
Virginia	91,743	88,338	87,455	4,415	329,167	98,371	86,395	74,045	70,337	19
Washington	78,729	77,431	77,160	0	310,403	87,322	80,453	74,048	68,580	0
West Virginia	22,055	22,007	21,902	242	85,168	23,723	21,849	19,684	19,716	196
Wisconsin	66,163	66,367	67,950	0	284,736	78,140	73,796	67,605	65,195	0
Wyoming	6,890	7,239	7,284	16	29,792	7,762	7,724	7,416	6,881	9
Bureau of Indian Affairs ..	4,026	3,724	3,634	0	11,192	3,826	3,024	2,376	1,966	0
Department of Defense dependents schools:										
Overseas schools	6,017	5,504	4,957	0	14,282	4,445	3,912	3,190	2,735	0
Domestic schools	2,657	1,854	1,712	0	3,477	1,305	882	696	594	0
Outlying areas										
American Samoa	1,131	1,071	1,109	0	3,807	1,103	1,008	906	745	45
Guam	2,628	2,493	2,318	0	8,775	3,490	2,279	1,592	1,414	0
Northern Marianas	773	759	714	47	2,195	848	541	464	342	0
Puerto Rico	48,922	50,091	46,852	13,305	167,262	44,362	45,072	38,217	33,567	6,044
Virgin Islands	1,427	1,883	1,515	340	5,553	1,798	1,311	1,150	1,021	273

—Not available.

¹ Data include imputations for nonrespondents.² Includes imputations for underreporting.³ Data disaggregated from reported data.⁴ No prekindergarten pupils reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000–01. (This table was prepared July 2003.)

Table 40. Enrollment in public elementary and secondary schools, by level and grade: Fall 1987 to fall 2001

Grade	Fall 1987	Fall 1988	Fall 1989	Fall 1990	Fall 1991	Fall 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996	Fall 1997	Fall 1998	Fall 1999	Fall 2000	Fall 2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number (in thousands)															
All grades	40,008	40,189	40,543	41,217	42,047	42,823	43,465	44,111	44,840	45,611	46,127	46,539	46,857	47,204	47,688
Elementary	27,933	28,501	29,152	29,878	30,506	31,088	31,504	31,898	32,341	32,764	33,073	33,346	33,488	33,688	33,952
Prekindergarten	193	225	262	303	375	505	545	603	637	670	695	729	751	776	867
Kindergarten	3,196	3,208	3,225	3,306	3,311	3,313	3,377	3,444	3,536	3,532	3,503	3,443	3,397	3,382	3,381
1st grade	3,407	3,460	3,485	3,499	3,556	3,542	3,529	3,593	3,671	3,770	3,755	3,727	3,684	3,636	3,615
2nd grade	3,173	3,223	3,289	3,327	3,360	3,431	3,429	3,440	3,507	3,600	3,689	3,681	3,656	3,634	3,595
3rd grade	3,046	3,167	3,235	3,297	3,334	3,361	3,437	3,439	3,445	3,524	3,597	3,696	3,691	3,676	3,654
4th grade	2,938	3,051	3,182	3,248	3,315	3,342	3,361	3,426	3,431	3,454	3,507	3,592	3,686	3,711	3,696
5th grade	2,901	2,945	3,067	3,197	3,268	3,325	3,350	3,372	3,438	3,453	3,458	3,520	3,604	3,707	3,728
6th grade	2,811	2,937	2,987	3,110	3,239	3,303	3,356	3,381	3,395	3,494	3,492	3,497	3,564	3,663	3,770
7th grade	2,910	2,905	3,027	3,067	3,181	3,299	3,355	3,404	3,422	3,464	3,520	3,530	3,541	3,629	3,722
8th grade	2,839	2,853	2,853	2,979	3,020	3,129	3,249	3,302	3,356	3,403	3,415	3,480	3,497	3,538	3,619
Elementary ungraded	520	527	540	543	545	539	515	494	502	401	442	451	417	336	306
Secondary	12,076	11,687	11,390	11,338	11,541	11,735	11,961	12,213	12,500	12,847	13,054	13,193	13,369	13,515	13,736
9th grade	3,143	3,106	3,141	3,169	3,313	3,352	3,487	3,604	3,704	3,801	3,819	3,856	3,935	3,963	4,013
10th grade	3,020	2,895	2,868	2,896	2,915	3,027	3,050	3,131	3,237	3,323	3,376	3,382	3,415	3,491	3,529
11th grade	2,936	2,749	2,629	2,612	2,645	2,656	2,751	2,748	2,826	2,930	2,972	3,021	3,034	3,083	3,174
12th grade	2,681	2,650	2,473	2,381	2,392	2,431	2,424	2,488	2,487	2,586	2,673	2,722	2,782	2,803	2,863
Secondary ungraded	296	288	279	282	275	269	248	242	245	206	214	212	203	175	157
Percent															
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Elementary	69.8	70.9	71.9	72.5	72.6	72.6	72.5	72.3	72.1	71.8	71.7	71.7	71.5	71.4	71.2
Prekindergarten	0.5	0.6	0.6	0.7	0.9	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.8
Kindergarten	8.0	8.0	8.0	8.0	7.9	7.7	7.8	7.8	7.9	7.7	7.6	7.4	7.3	7.2	7.1
1st grade	8.5	8.6	8.6	8.5	8.5	8.3	8.1	8.1	8.2	8.3	8.1	8.0	7.9	7.7	7.6
2nd grade	7.9	8.0	8.1	8.1	8.0	8.0	7.9	7.8	7.8	7.9	8.0	7.9	7.8	7.7	7.5
3rd grade	7.6	7.9	8.0	8.0	7.9	7.8	7.9	7.8	7.7	7.7	7.8	7.9	7.9	7.8	7.7
4th grade	7.3	7.6	7.8	7.9	7.9	7.8	7.7	7.8	7.7	7.6	7.6	7.7	7.9	7.9	7.8
5th grade	7.2	7.3	7.6	7.8	7.8	7.8	7.7	7.6	7.7	7.6	7.5	7.6	7.7	7.9	7.8
6th grade	7.0	7.3	7.4	7.5	7.7	7.7	7.7	7.7	7.6	7.7	7.6	7.5	7.6	7.8	7.9
7th grade	7.3	7.2	7.5	7.4	7.6	7.7	7.7	7.7	7.6	7.6	7.6	7.6	7.6	7.7	7.8
8th grade	7.1	7.1	7.0	7.2	7.2	7.3	7.5	7.5	7.5	7.5	7.4	7.5	7.5	7.5	7.6
Elementary ungraded	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.1	0.9	1.0	1.0	0.9	0.7	0.6
Secondary	30.2	29.1	28.1	27.5	27.4	27.4	27.5	27.7	27.9	28.2	28.3	28.3	28.5	28.6	28.8
9th grade	7.9	7.7	7.7	7.7	7.9	7.8	8.0	8.2	8.3	8.3	8.3	8.3	8.4	8.4	8.4
10th grade	7.5	7.2	7.1	7.0	6.9	7.1	7.0	7.1	7.2	7.3	7.3	7.3	7.3	7.4	7.4
11th grade	7.3	6.8	6.5	6.3	6.3	6.2	6.3	6.2	6.3	6.4	6.4	6.5	6.5	6.5	6.7
12th grade	6.7	6.6	6.1	5.8	5.7	5.7	5.6	5.6	5.5	5.7	5.8	5.8	5.9	5.9	6.0
Secondary ungraded	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3

NOTE: Because of changes in reporting practices and imputation of data for non-respondents since 1992, data for prekindergarten enrollment are not comparable over time. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1987-88 through 2001-02. (This table was prepared July 2003.)

Table 41. Average daily attendance in public elementary and secondary schools, by state or jurisdiction: Selected years, 1969–70 to 2000–01

State or jurisdiction	1969–70	1979–80	1980–81	1989–90	1990–91	1995–96	1998–99	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10
United States	41,934,376	38,288,911	37,703,744	37,799,296	38,426,543	41,501,596	43,186,715	43,806,726	44,085,912
Alabama	777,123	711,432	701,925	683,833	682,524	687,076	704,001	725,212	719,562
Alaska	72,489	79,945	83,745	98,213	102,585	115,958	123,535	122,412	122,932
Arizona	391,526	481,905	476,149	557,252	573,140	684,740	757,150	782,851	803,453
Arkansas	414,158	423,610	417,080	403,025	408,145	423,520	431,609	422,958	421,625
California ¹	4,418,423	4,044,736	4,014,917	4,893,341	5,065,647	5,351,475	5,687,118	5,957,216	6,075,001
Colorado	500,388	513,475	508,750	519,419	521,899	608,633	648,378	656,700	671,909
Connecticut	618,881	507,362	501,085	439,524	450,808	495,188	527,623	533,779	540,946
Delaware	120,819	94,058	89,609	89,838	91,052	99,941	104,699	106,444	105,681
District of Columbia ...	138,600	91,576	85,773	71,468	69,092	71,001	65,378	65,371	68,925
Florida	1,312,693	1,464,461	1,389,487	1,646,583	1,714,394	1,947,777	2,100,655	2,175,453	2,269,372
Georgia	1,019,427	989,433	988,612	1,054,097	1,075,728	1,232,852	1,306,564	1,326,713	1,347,218
Hawaii	168,140	151,563	151,713	157,360	160,193	171,977	172,038	171,180	171,117
Idaho	170,920	189,199	190,144	203,987	209,085	228,371	230,481	230,828	230,890
Illinois	2,084,844	1,770,435	1,765,357	1,587,733	1,618,101	1,750,417	1,772,237	1,789,089	1,805,582
Indiana	1,111,043	983,444	944,424	884,568	888,177	909,553	923,945	929,281	928,703
Iowa	624,403	510,081	501,403	450,224	456,614	477,053	475,034	471,384	467,404
Kansas	470,296	382,019	374,451	388,986	397,609	416,674	423,568	426,853	424,744
Kentucky	647,970	619,868	614,676	569,795	569,713	571,934	568,603	565,693	564,198
Louisiana	776,555	727,601	715,844	727,125	720,551	710,925	708,576	701,957	684,566
Maine	225,146	211,400	207,554	195,089	196,229	200,700	196,403	194,554	191,963
Maryland	785,989	686,336	664,866	620,617	637,370	719,433	783,944	791,133	797,522
Massachusetts	1,056,207	935,960	950,675	763,231	770,802	845,270	908,354	913,502	920,522
Michigan	1,991,235	1,758,427	1,711,139	1,446,996	1,452,700	1,554,358	1,570,283	1,574,894	1,577,260
Minnesota	864,595	748,606	710,836	699,001	714,072	786,241	812,482	818,819	820,457
Mississippi	524,623	454,401	446,515	476,048	474,029	470,657	470,765	468,746	465,505
Missouri	906,132	777,269	756,536	729,693	733,680	805,404	836,555	836,105	836,411
Montana	162,664	144,608	141,641	135,406	138,341	148,616	141,198	142,313	139,198
Nebraska	314,516	270,524	263,797	254,754	257,587	270,938	265,653	261,767	268,897
Nevada	113,421	134,995	138,481	173,149	185,755	243,718	292,885	305,067	321,679
New Hampshire	140,203	154,187	150,316	154,915	156,579	187,067	194,250	200,283	198,389
New Jersey	1,322,124	1,140,111	1,121,272	997,561	1,016,159	1,125,877	1,197,828	1,222,438	1,257,124
New Mexico	259,997	253,453	240,496	290,245	291,215	330,851	333,439	323,963	324,169
New York	3,099,192	2,530,289	2,475,055	2,244,110	2,278,531	2,463,349	2,557,030	2,595,070	2,598,176
North Carolina	1,104,295	1,072,150	1,055,651	1,012,274	1,012,613	1,096,812	1,165,885	1,185,737	1,203,143
North Dakota	141,961	118,986	111,759	109,659	109,691	111,870	107,458	105,123	103,420
Ohio	2,246,282	1,849,283	1,801,914	1,584,735	1,603,025	1,661,014	1,673,309	1,659,903	1,653,316
Oklahoma	560,993	548,065	542,800	543,170	548,387	574,538	586,310	586,266	580,754
Oregon	436,736	418,593	417,009	419,771	431,806	462,108	475,898	479,321	481,223
Pennsylvania	2,169,225	1,808,630	1,754,782	1,524,839	1,542,077	1,651,741	1,686,098	1,684,913	1,683,637
Rhode Island	163,205	139,195	135,096	125,934	129,856	137,870	141,881	144,422	144,895
South Carolina	600,292	569,612	580,132	569,029	573,138	605,526	626,199	624,456	623,008
South Dakota	158,543	124,934	121,663	119,823	121,403	127,754	124,129	122,252	120,966
Tennessee	836,010	806,696	797,237	761,766	767,738	819,831	840,188	844,878	846,551
Texas	2,432,420	2,608,817	2,647,288	3,075,333	3,085,648	3,435,010	3,640,540	3,706,550	3,771,568
Utah	287,405	312,813	323,048	408,917	417,609	444,679	452,379	448,096	447,450
Vermont	97,772	95,045	90,884	87,832	88,901	100,166	99,282	98,894	97,717
Virginia	995,580	955,105	938,794	989,197	1,011,513	1,098,862	1,164,595	1,195,123	1,087,591
Washington	764,735	710,929	704,655	755,141	781,371	888,142	924,636	925,696	927,530
West Virginia	372,278	353,264	351,823	301,947	300,067	285,548	276,352	273,277	264,798
Wisconsin	880,609	770,554	743,505	711,466	731,088	799,391	821,176	825,699	824,002
Wyoming	81,293	89,471	91,381	91,277	92,506	93,190	88,139	86,092	83,243
Outlying areas									
American Samoa	—	—	—	11,448	12,272	14,074	14,905	15,102	14,818
Guam	20,315	—	22,343	23,883	25,330	31,998	—	—	—
Northern Marianas ...	—	—	—	6,809	6,062	7,511	8,446	8,712	8,968
Puerto Rico	—	656,709	671,661	597,436	597,418	548,788	536,875	540,676	538,738
Virgin Islands	—	—	23,312	18,924	19,984	19,867	18,988	18,676	16,069

—Not available.

¹Data for California are not strictly comparable with those for other states because California's attendance figures through 1990–91 include excused absences.SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education, 1979–80 and 1980–81*; *Statistics of State School Systems, 1969–70*; and The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1989–90 through 2000–01. (This table was prepared August 2003.)

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

Table 42. Percentage distribution of enrollment in public elementary and secondary schools, by race/ethnicity and state or jurisdiction: Fall 1991 and fall 2001

State or jurisdiction	Percentage distribution, fall 1991						Percentage distribution, fall 2001					
	Total	White ¹	Black ¹	Hispanic	Asian or Pacific Islander	American Indian/ Alaska Native	Total	White ¹	Black ¹	Hispanic	Asian or Pacific Islander	American Indian/ Alaska Native
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	100.0	67.4	16.4	11.8	3.4	1.0	100.0	60.3	17.2	17.1	4.2	1.2
Alabama	100.0	62.8	35.5	0.3	0.5	0.9	100.0	60.5	36.5	1.5	0.8	0.7
Alaska	100.0	66.9	4.4	2.2	3.9	22.6	100.0	60.4	4.7	3.6	5.9	25.5
Arizona	100.0	62.4	4.2	25.0	1.5	6.9	100.0	51.3	4.7	35.3	2.1	6.6
Arkansas	100.0	74.5	24.0	0.6	0.6	0.3	100.0	71.1	23.3	4.2	0.9	0.5
California	100.0	44.5	8.6	35.3	10.8	0.8	100.0	35.0	8.4	44.5	11.2	0.9
Colorado	100.0	74.9	5.2	16.6	2.3	1.0	100.0	66.8	5.7	23.3	3.0	1.2
Connecticut	100.0	74.3	12.8	10.4	2.2	0.2	100.0	69.2	13.8	13.7	3.0	0.3
Delaware	100.0	67.3	27.8	3.1	1.6	0.2	100.0	59.6	31.1	6.6	2.4	0.3
District of Columbia	100.0	4.0	89.5	5.3	1.1	#	100.0	4.6	84.4	9.4	1.6	#
Florida	100.0	61.2	24.2	12.9	1.6	0.2	100.0	52.5	24.9	20.4	1.9	0.3
Georgia	100.0	60.7	37.9	0.6	0.8	#	100.0	53.8	38.2	5.5	2.4	0.2
Hawaii	100.0	23.9	2.6	5.2	67.9	0.3	100.0	20.3	2.4	4.5	72.3	0.4
Idaho	100.0	92.6	0.3	4.9	0.8	1.3	100.0	85.4	0.8	11.2	1.3	1.3
Illinois	100.0	65.4	21.4	10.3	2.8	0.1	100.0	59.0	21.2	16.2	3.5	0.2
Indiana	100.0	86.4	10.9	1.9	0.7	0.1	100.0	83.0	11.8	3.9	1.0	0.2
Iowa	100.0	94.0	2.9	1.4	1.4	0.4	100.0	89.6	4.1	4.0	1.7	0.5
Kansas	100.0	84.6	8.1	4.7	1.7	0.9	100.0	77.8	8.9	9.8	2.2	1.3
Kentucky	100.0	89.8	9.4	0.2	0.5	#	100.0	87.7	10.3	1.1	0.7	0.2
Louisiana	100.0	52.7	44.7	1.0	1.2	0.4	100.0	48.7	47.8	1.6	1.3	0.7
Maine	100.0	98.3	0.5	0.2	0.8	0.2	100.0	96.2	1.4	0.6	1.1	0.7
Maryland	100.0	60.4	33.2	2.5	3.6	0.3	100.0	52.4	37.2	5.4	4.6	0.4
Massachusetts	100.0	80.5	7.8	8.1	3.5	0.2	100.0	75.7	8.6	10.8	4.5	0.3
Michigan	100.0	78.2	17.2	2.4	1.3	1.0	100.0	73.4	20.0	3.6	2.0	1.0
Minnesota	100.0	89.9	3.6	1.4	3.2	1.8	100.0	82.0	7.0	3.8	5.2	2.0
Mississippi	100.0	48.3	50.7	0.1	0.5	0.4	100.0	47.3	51.0	0.9	0.7	0.2
Missouri	100.0	82.5	15.7	0.8	0.9	0.2	100.0	79.0	17.5	2.0	1.2	0.3
Montana	100.0	88.4	0.4	1.3	0.7	9.2	100.0	85.9	0.6	1.9	1.0	10.6
Nebraska	100.0	89.4	5.5	2.9	1.1	1.1	100.0	81.8	6.9	8.2	1.6	1.6
Nevada	100.0	73.2	9.0	12.1	3.7	2.0	100.0	54.5	10.3	27.4	6.1	1.7
New Hampshire	100.0	97.0	0.8	1.0	1.0	0.2	100.0	95.0	1.2	2.1	1.5	0.2
New Jersey	100.0	64.4	18.6	12.2	4.7	0.1	100.0	59.4	17.9	16.0	6.6	0.2
New Mexico	100.0	41.2	2.3	45.3	0.9	10.4	100.0	34.3	2.4	51.0	1.1	11.3
New York	100.0	59.4	20.1	15.8	4.4	0.3	100.0	54.8	19.9	18.6	6.2	0.4
North Carolina	100.0	66.4	30.2	0.9	1.0	1.6	100.0	60.0	31.3	5.2	1.9	1.5
North Dakota	100.0	91.2	0.7	0.6	0.7	6.8	100.0	88.7	1.1	1.3	0.8	8.1
Ohio	100.0	83.6	14.1	1.3	0.9	0.1	100.0	80.1	16.7	1.9	1.2	0.1
Oklahoma	100.0	73.5	10.0	3.0	1.1	12.4	100.0	63.7	10.8	6.5	1.5	17.5
Oregon	100.0	88.1	2.4	4.9	2.9	1.8	100.0	79.1	3.0	11.5	4.2	2.2
Pennsylvania	100.0	82.2	13.2	2.9	1.7	0.1	100.0	77.7	15.3	4.8	2.1	0.1
Rhode Island	100.0	82.7	6.5	7.2	3.1	0.4	100.0	73.4	8.1	14.8	3.2	0.6
South Carolina	100.0	57.7	41.1	0.5	0.6	0.1	100.0	54.7	41.7	2.4	1.0	0.2
South Dakota	100.0	90.6	0.5	0.6	0.7	7.6	100.0	86.2	1.3	1.4	1.0	10.2
Tennessee	100.0	76.6	22.2	0.3	0.7	0.1	100.0	71.8	24.8	2.1	1.2	0.2
Texas	100.0	49.0	14.3	34.4	2.1	0.2	100.0	40.9	14.4	41.7	2.8	0.3
Utah	100.0	91.9	0.7	4.0	1.9	1.4	100.0	84.7	1.0	9.9	2.8	1.5
Vermont	100.0	97.9	0.6	0.3	0.7	0.6	100.0	95.8	1.2	1.0	1.5	0.5
Virginia	100.0	72.6	23.7	1.0	2.6	0.1	100.0	62.8	27.1	5.5	4.3	0.3
Washington	100.0	81.4	4.2	6.1	5.8	2.5	100.0	73.5	5.4	10.9	7.5	2.6
West Virginia	100.0	95.5	3.9	0.2	0.4	0.1	100.0	94.5	4.4	0.4	0.6	0.1
Wisconsin	100.0	85.2	8.8	2.7	2.1	1.3	100.0	80.1	10.2	5.0	3.4	1.4
Wyoming	100.0	89.6	0.9	6.0	0.7	2.8	100.0	87.3	1.4	7.2	0.9	3.2
Bureau of Indian Affairs	—	—	—	—	—	—	100.0	0.0	0.0	0.0	0.0	100.0
Department of Defense dependents schools	—	—	—	—	—	—	—	—	—	—	—	—
Overseas schools	—	—	—	—	—	—	100.0	61.6	19.1	9.3	9.1	1.0
Domestic schools	—	—	—	—	—	—	100.0	51.6	25.8	18.5	3.5	0.6
Outlying areas	—	—	—	—	—	—	—	—	—	—	—	—
American Samoa	100.0	0.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0
Guam	100.0	10.3	1.6	0.3	87.8	0.0	100.0	1.5	0.3	0.2	97.9	0.1
Northern Marianas	100.0	0.1	0.0	0.0	99.9	0.0	100.0	0.4	0.1	0.0	99.5	0.0
Puerto Rico	—	—	—	—	—	—	100.0	0.0	0.0	100.0	0.0	0.0
Virgin Islands	100.0	0.9	86.8	11.8	0.5	0.0	—	—	—	—	—	—

—Not available.

#Rounds to zero.

¹ Excludes persons of Hispanic origin.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/ Secondary Education," 1991–92 and 2001–02. (This table was prepared September 2003.)

NOTE: Percentage distribution based upon students for whom race/ethnicity was reported, which may be less than the total number of students in the state. Detail may not sum to totals due to rounding.

Table 43. Enrollment of 3-, 4-, and 5-year-old children in preprimary programs, by level and control of program and attendance status: Selected years, October 1965 to October 2001
[In thousands]

Year and age	Total population, 3 to 5 years old	Enrollment by level and control						Enrollment by attendance		
		Total	Percent enrolled	Nursery school		Kindergarten		Full-day	Part-day	Percent full-day
				Public	Private	Public	Private			
1	2	3	4	5	6	7	8	9	10	11
Total, 3 to 5 years old										
1965	12,549	3,407 (87)	27.1 (0.7)	127	393	2,291	596	—	—	—
1970	10,949	4,104 (71)	37.5 (0.7)	332	762	2,498	511	698 (36)	3,405	17.0 (0.8)
1975	10,185	4,955 (71)	48.7 (0.7)	570	1,174	2,682	528	1,295 (47)	3,659	26.1 (0.9)
1980	9,284	4,878 (69)	52.5 (0.7)	628	1,353	2,438	459	1,551 (51)	3,327	31.8 (1.0)
1985	10,733	5,865 (78)	54.6 (0.7)	846	1,631	2,847	541	2,144 (62)	3,722	36.6 (0.9)
1987	10,872	5,931 (78)	54.6 (0.7)	819	1,736	2,842	534	2,090 (62)	3,841	35.2 (0.9)
1988	10,993	5,978 (87)	54.4 (0.8)	851	1,770	2,875	481	2,044 (68)	3,935	34.2 (1.0)
1989	11,039	6,026 (87)	54.6 (0.8)	930	1,894	2,704	497	2,238 (70)	3,789	37.1 (1.0)
1990	11,207	6,659 (82)	59.4 (0.7)	1,199	2,180	2,772	509	2,577 (71)	4,082	38.7 (0.9)
1991	11,370	6,334 (84)	55.7 (0.7)	996	1,828	2,967	543	2,408 (69)	3,926	38.0 (1.0)
1992	11,545	6,402 (85)	55.5 (0.7)	1,073	1,783	2,995	550	2,410 (69)	3,992	37.6 (1.0)
1993	11,954	6,581 (86)	55.1 (0.7)	1,205	1,779	3,020	577	2,642 (72)	3,939	40.1 (1.0)
1994 ¹	12,328	7,514 (86)	61.0 (0.7)	1,848	2,314	2,819	534	3,468 (80)	4,046	46.2 (0.9)
1995 ¹	12,518	7,739 (87)	61.8 (0.7)	1,950	2,381	2,800	608	3,689 (81)	4,051	47.7 (0.9)
1996 ¹	12,378	7,580 (90)	61.2 (0.7)	1,830	2,317	2,853	580	3,562 (83)	4,019	47.0 (0.9)
1997 ¹	12,121	7,860 (87)	64.9 (0.7)	2,207	2,231	2,847	575	3,922 (85)	3,939	49.9 (0.9)
1998 ¹	12,078	7,788 (87)	64.5 (0.7)	2,213	2,299	2,674	602	3,959 (85)	3,829	50.8 (0.9)
1999 ¹	11,920	7,844 (86)	65.8 (0.7)	2,209	2,298	2,777	560	4,154 (86)	3,690	53.0 (0.9)
2000 ¹	11,858	7,592 (86)	64.0 (0.7)	2,146	2,180	2,701	565	4,008 (85)	3,584	52.8 (0.9)
2001 ¹	11,899	7,602 (87)	63.9 (0.7)	2,164	2,201	2,724	512	3,940 (85)	3,662	51.8 (0.9)
3 years old										
1965	4,149	203 (24)	4.9 (0.6)	41	153	5	4	—	—	—
1970	3,516	454 (28)	12.9 (0.8)	110	322	12	10	142 (16)	312	31.3 (3.1)
1975	3,177	683 (33)	21.5 (1.0)	179	474	11	18	259 (22)	423	37.9 (2.6)
1980	3,143	857 (36)	27.3 (1.1)	221	604	16	17	321 (24)	536	37.5 (2.4)
1985	3,594	1,035 (41)	28.8 (1.1)	278	679	52	26	350 (27)	685	33.8 (2.2)
1987	3,569	1,022 (41)	28.6 (1.1)	264	703	24	31	378 (28)	644	37.0 (2.3)
1988	3,719	1,027 (45)	27.6 (1.2)	268	678	24	26	369 (30)	658	35.9 (2.5)
1989	3,713	1,005 (45)	27.1 (1.2)	277	707	3	18	390 (31)	615	38.8 (2.6)
1990	3,692	1,205 (45)	32.6 (1.2)	347	840	11	7	447 (31)	758	37.1 (2.2)
1991	3,811	1,074 (44)	28.2 (1.2)	313	702	38	22	388 (30)	687	36.1 (2.3)
1992	3,905	1,081 (44)	27.7 (1.1)	336	685	26	34	371 (29)	711	34.3 (2.3)
1993	4,053	1,097 (45)	27.1 (1.1)	369	687	20	20	426 (31)	670	38.9 (2.3)
1994 ¹	4,081	1,385 (48)	33.9 (1.2)	469	887	19	9	670 (38)	715	48.4 (2.1)
1995 ¹	4,148	1,489 (49)	35.9 (1.2)	511	947	15	17	754 (40)	736	50.6 (2.1)
1996 ¹	4,045	1,506 (51)	37.2 (1.3)	511	947	22	26	657 (39)	848	43.7 (2.1)
1997 ¹	3,947	1,528 (51)	38.7 (1.3)	643	843	25	18	754 (41)	774	49.4 (2.1)
1998 ¹	3,989	1,498 (51)	37.6 (1.3)	587	869	27	14	735 (40)	763	49.1 (2.1)
1999 ¹	3,862	1,505 (50)	39.0 (1.3)	621	859	13	12	773 (41)	732	51.3 (2.1)
2000 ¹	3,929	1,541 (51)	39.2 (1.3)	644	854	27	16	761 (41)	779	49.4 (2.1)
2001 ¹	3,985	1,538 (51)	38.6 (1.3)	599	901	14	23	715 (40)	823	46.5 (2.1)
4 years old										
1965	4,238	683 (42)	16.1 (1.0)	68	213	284	118	—	—	—
1970	3,620	1,007 (38)	27.8 (1.1)	176	395	318	117	230 (21)	776	22.8 (1.9)
1975	3,499	1,418 (41)	40.5 (1.2)	332	644	313	129	411 (27)	1,008	29.0 (1.7)
1980	3,072	1,423 (40)	46.3 (1.3)	363	701	239	120	467 (28)	956	32.8 (1.8)
1985	3,598	1,766 (45)	49.1 (1.3)	496	859	276	135	643 (35)	1,123	36.4 (1.7)
1987	3,597	1,717 (45)	47.7 (1.3)	431	881	280	125	548 (32)	1,169	31.9 (1.7)
1988	3,598	1,768 (50)	49.1 (1.4)	481	922	261	104	519 (35)	1,249	29.4 (1.8)
1989	3,692	1,882 (51)	51.0 (1.4)	524	1,055	207	100	592 (37)	1,290	31.4 (1.8)
1990	3,723	2,087 (48)	56.1 (1.3)	695	1,144	157	91	716 (38)	1,371	34.3 (1.6)
1991	3,763	1,994 (48)	53.0 (1.3)	584	982	140	140	667 (37)	1,326	33.5 (1.7)
1992	3,807	1,982 (49)	52.1 (1.3)	602	971	282	126	632 (36)	1,350	31.9 (1.7)
1993	4,044	2,178 (50)	53.9 (1.2)	719	957	349	154	765 (39)	1,413	35.1 (1.6)
1994 ¹	4,202	2,532 (51)	60.3 (1.2)	1,020	1,232	198	82	1,095 (45)	1,438	43.2 (1.6)
1995 ¹	4,145	2,553 (50)	61.6 (1.2)	1,054	1,208	207	84	1,104 (45)	1,449	43.3 (1.6)
1996 ¹	4,148	2,454 (52)	59.2 (1.3)	1,029	1,168	180	77	1,034 (46)	1,420	42.1 (1.6)
1997 ¹	4,033	2,665 (50)	66.1 (1.2)	1,197	1,169	207	92	1,161 (47)	1,505	43.5 (1.6)
1998 ¹	4,002	2,666 (49)	66.6 (1.2)	1,183	1,219	210	53	1,179 (48)	1,487	44.2 (1.6)
1999 ¹	4,021	2,769 (48)	68.9 (1.2)	1,212	1,227	207	122	1,355 (49)	1,414	48.9 (1.6)
2000 ¹	3,940	2,556 (49)	64.9 (1.3)	1,144	1,121	227	65	1,182 (48)	1,374	46.2 (1.6)
2001 ¹	3,927	2,608 (49)	66.4 (1.2)	1,202	1,121	236	49	1,255 (48)	1,354	48.1 (1.6)
5 years old²										
1965	4,162	2,521 (55)	60.6 (1.3)	18	27	2,002	474	—	—	—
1970	3,814	2,643 (40)	69.3 (1.1)	45	45	2,168	384	326 (24)	2,317	12.3 (0.9)
1975	3,509	2,854 (33)	81.3 (0.9)	59	57	2,358	381	625 (32)	2,228	21.9 (1.1)
1980	3,069	2,598 (29)	84.7 (0.9)	44	48	2,183	322	763 (34)	1,835	29.4 (1.3)
1985	3,542	3,065 (31)	86.5 (0.9)	73	94	2,519	379	1,151 (42)	1,914	37.6 (1.3)
1987	3,706	3,192 (32)	86.1 (0.9)	124	152	2,538	378	1,163 (43)	2,028	36.4 (1.3)
1988	3,676	3,184 (34)	86.6 (0.9)	72	170	2,590	351	1,155 (47)	2,028	36.3 (1.4)
1989	3,633	3,139 (34)	86.4 (0.9)	129	132	2,499	378	1,255 (48)	1,883	40.0 (1.5)
1990	3,792	3,367 (31)	88.8 (0.8)	157	196	2,604	411	1,414 (47)	1,953	42.0 (1.3)
1991	3,796	3,267 (34)	86.0 (0.9)	100	143	2,642	382	1,354 (47)	1,913	41.4 (1.4)
1992	3,832	3,339 (33)	87.1 (0.9)	135	127	2,688	390	1,408 (47)	1,931	42.2 (1.4)
1993	3,857	3,306 (34)	85.7 (0.9)	116	136	2,651	403	1,451 (48)	1,856	43.9 (1.4)
1994 ¹	4,044	3,597 (32)	88.9 (0.8)	359	194	2,601	442	1,704 (50)	1,893	47.4 (1.3)
1995 ¹	4,224	3,697 (34)	87.5 (0.8)	385	226	2,578	507	1,830 (51)	1,867	49.5 (1.3)
1996 ¹	4,185	3,621 (36)	86.5 (0.9)	290	202	2,652	477	1,870 (53)	1,750	51.7 (1.4)
1997 ¹	4,141	3,667 (34)	88.5 (0.8)	368	219	2,616	465	2,007 (53)	1,660	54.7 (1.4)
1998 ¹	4,087	3,624 (33)	88.7 (0.8)	442	211	2,437	535	2,044 (53)	1,579	56.4 (1.4)
1999 ¹	4,037	3,571 (34)	88.4 (0.8)	376	212	2,557	426	2,027 (52)	1,544	56.8 (1.4)
2000 ¹	3,989	3,495 (34)	87.6 (0.9)	359	206	2,447	484	2,065 (52)	1,431	59.1 (1.4)
2001 ¹	3,987	3,456 (35)	86.7 (0.9)	363	179	2,474	440	1,970 (52)	1,485	57.0 (1.4)

—Not available.

¹Data collected using new procedures. May not be comparable with figures prior to 1994.

²Enrollment data include only those students in preprimary programs.

NOTE: Data are based on sample surveys of the civilian noninstitutional population. Although cells with fewer than 75,000 children are subject to wide sampling variation, they are included in the table to permit various types of aggregations. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Preprimary Enrollment*, various years; and U.S. Department of Commerce, Bureau of the Census, Current Population Survey (CPS), October 1980 through October 2001, unpublished tabulations. (This table was prepared October 2002.)

Table 44. Average hours in center-based programs, by child and family characteristics and percentage distribution of preschool children under 6 years old, by type of primary nonparental care arrangement: 1995

Child and family characteristics	Number of children, age 0 to 5, in thousands	Percent in center-based programs	Average hours per week in non-parental care ¹	Percentage distribution, by type of primary care arrangement					
				Head Start	Other center-based	Parental care only	Family child care	Sitter	Relative
1	2	3	4	5	6	7	8	9	10
Total preschool children²	21,414	26 (0.5)	30 (0.3)	3 (0.2)	23 (0.5)	41 (0.9)	13 (0.6)	3 (0.2)	17 (0.5)
Age									
Under 1 year	4,158	6 (0.9)	31 (0.9)	—	6 (0.9)	56 (1.6)	14 (1.0)	3 (0.5)	21 (1.2)
1 year old	4,027	10 (0.8)	32 (0.7)	—	10 (0.8)	51 (1.7)	15 (1.0)	3 (0.5)	20 (1.2)
2 years old	4,007	17 (0.8)	30 (0.6)	—	17 (0.8)	47 (1.6)	15 (1.2)	4 (0.6)	17 (1.0)
3 years old	4,123	35 (1.4)	29 (0.5)	4 (0.5)	31 (1.3)	33 (1.9)	13 (1.1)	3 (0.6)	17 (1.2)
4 years old	4,061	55 (1.4)	28 (0.5)	10 (0.8)	44 (1.5)	23 (1.3)	9 (0.9)	2 (0.4)	11 (0.8)
5 years old	1,038	64 (2.6)	28 (1.1)	12 (2.1)	52 (2.4)	16 (1.8)	9 (1.5)	2 (0.6)	8 (1.7)
Race/ethnicity									
White, non-Hispanic	13,996	28 (0.7)	28 (0.4)	2 (0.2)	26 (0.7)	39 (1.1)	15 (0.8)	4 (0.4)	14 (0.6)
Black non-Hispanic	3,338	29 (1.8)	36 (0.8)	8 (0.8)	21 (1.6)	35 (2.1)	9 (1.0)	1 (0.3)	25 (1.6)
Hispanic	2,838	15 (0.9)	31 (0.7)	4 (0.6)	11 (0.9)	54 (1.7)	8 (0.8)	2 (0.4)	20 (1.2)
Other	1,243	25 (2.5)	33 (1.2)	4 (1.4)	20 (2.5)	43 (3.0)	9 (1.6)	2 (0.8)	21 (2.6)
Mother's employment status³									
Currently employed	11,002	30 (0.7)	33 (0.4)	2 (0.2)	28 (0.7)	18 (0.8)	22 (0.9)	4 (0.4)	26 (0.8)
35 or more hours/week	7,018	32 (0.8)	38 (0.4)	3 (0.3)	29 (0.9)	13 (0.8)	24 (1.1)	4 (0.4)	27 (1.0)
Less than 35 hours/week	3,983	28 (1.4)	23 (0.5)	2 (0.4)	26 (1.3)	27 (1.6)	18 (1.3)	4 (0.7)	23 (1.5)
Looking for work	1,615	24 (2.9)	26 (1.1)	6 (1.1)	18 (2.7)	58 (3.1)	3 (0.7)	0 (0.2)	14 (1.8)
Not in labor force	8,150	21 (0.8)	18 (0.6)	3 (0.4)	18 (0.7)	69 (1.1)	3 (0.4)	2 (0.3)	6 (0.5)
Mother's highest education³									
Less than high school	3,767	16 (1.4)	31 (0.7)	6 (0.7)	10 (1.3)	59 (1.9)	6 (1.0)	1 (0.4)	18 (1.3)
High school	7,182	22 (0.9)	29 (0.5)	4 (0.4)	19 (0.9)	44 (1.3)	13 (0.9)	2 (0.3)	19 (1.0)
Some postsecondary	5,106	30 (1.0)	30 (0.5)	2 (0.4)	27 (0.9)	34 (1.7)	15 (1.2)	1 (0.4)	19 (1.0)
Bachelor's or higher degree	4,711	36 (1.4)	29 (0.5)	1 (0.2)	36 (1.4)	29 (1.4)	17 (0.9)	7 (0.9)	11 (0.9)
Mother in household									
No	648	30 (3.3)	37 (1.8)	9 (2.1)	21 (3.1)	39 (4.3)	10 (2.1)	5 (1.8)	16 (2.4)
Yes	20,766	26 (0.6)	30 (0.3)	3 (0.2)	23 (0.6)	41 (0.9)	13 (0.6)	3 (0.3)	17 (0.5)
Household structure⁴									
Two parents	15,732	26 (0.6)	27 (0.4)	2 (0.2)	24 (0.6)	43 (1.0)	14 (0.7)	3 (0.3)	14 (0.5)
One parent	5,276	28 (1.4)	36 (0.5)	6 (0.7)	21 (1.4)	34 (1.5)	11 (0.9)	2 (0.4)	26 (1.4)
Household income									
\$15,000 or less	6,016	22 (1.2)	31 (0.5)	7 (0.6)	15 (1.2)	50 (1.7)	8 (0.9)	1 (0.3)	20 (1.2)
\$15,001 to \$25,000	2,991	21 (1.3)	31 (1.1)	4 (0.7)	17 (1.2)	50 (1.9)	10 (1.1)	2 (0.4)	17 (1.3)
\$25,001 to \$35,000	3,235	23 (1.3)	30 (0.6)	3 (0.6)	20 (1.3)	42 (2.0)	14 (1.2)	2 (0.4)	19 (1.3)
\$35,001 to \$50,000	3,899	26 (1.2)	28 (0.8)	1 (0.4)	24 (1.3)	39 (1.5)	16 (1.4)	3 (0.7)	16 (1.0)
More than \$50,000	5,274	37 (1.2)	29 (0.5)	1 (0.1)	37 (1.2)	26 (1.4)	18 (1.1)	7 (0.7)	13 (0.9)
In poverty⁵									
Yes	5,737	21 (1.3)	30 (0.5)	7 (0.6)	14 (1.2)	52 (1.9)	7 (0.9)	1 (0.3)	19 (1.3)
No	15,677	28 (0.5)	30 (0.4)	2 (0.2)	26 (0.5)	37 (0.8)	15 (0.6)	4 (0.3)	16 (0.5)
Household size									
2 or 3 persons	6,176	28 (0.9)	33 (0.5)	4 (0.4)	24 (1.0)	34 (1.0)	17 (0.9)	2 (0.2)	19 (0.9)
4 persons	8,016	29 (1.1)	29 (0.5)	3 (0.3)	26 (1.0)	38 (1.2)	14 (0.9)	3 (0.4)	15 (0.7)
5 persons	4,046	26 (1.4)	26 (0.7)	3 (0.5)	23 (1.4)	46 (1.7)	9 (1.0)	4 (0.7)	15 (1.2)
6 or more persons	3,177	18 (1.4)	31 (1.1)	4 (0.6)	14 (1.3)	54 (3.0)	6 (1.0)	3 (0.8)	18 (1.9)
Home language³									
English	18,813	28 (0.6)	30 (0.3)	3 (0.2)	25 (0.6)	39 (1.0)	14 (0.7)	3 (0.3)	17 (0.5)
Non-English	1,954	14 (1.1)	30 (1.0)	4 (0.7)	11 (1.0)	62 (2.2)	7 (1.1)	2 (0.4)	16 (1.4)
Mother's age at first birth³									
Less than 18	2,554	21 (2.1)	34 (1.1)	7 (1.3)	14 (1.8)	46 (2.5)	9 (1.3)	2 (0.7)	23 (2.0)
18 or 19	3,066	20 (1.6)	30 (0.9)	5 (0.8)	15 (1.5)	49 (1.9)	9 (1.0)	2 (0.5)	21 (1.4)
20 or older	15,147	29 (0.6)	29 (0.4)	2 (0.2)	26 (0.6)	38 (1.0)	14 (0.7)	3 (0.3)	15 (0.5)
Urbanicity									
Nonmetropolitan	5,015	26 (1.3)	30 (0.6)	3 (0.5)	22 (1.2)	39 (2.0)	15 (1.1)	2 (0.5)	18 (1.3)
Metropolitan	16,400	27 (0.6)	30 (0.3)	3 (0.2)	23 (0.5)	41 (0.8)	12 (0.5)	3 (0.3)	17 (0.6)

—Not available.

¹ Mean hours per week in nonparental care among preschool children enrolled in nonparental care arrangements.² Excludes children who have entered kindergarten.³ Excludes data for households with no mother present in household.⁴ Excludes children living apart from their parents.⁵ Poverty level determined by household income and number of persons in household.

NOTE: A child's "primary arrangement" was defined as the regular nonparental care arrangement or early childhood education program in which the child spent the most time per week. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey (NHES), *Characteristics of Children's Early Care and Education Programs: Data from the 1995 National Household Education Survey*. (This table was prepared November 2000.)

Table 45. Child care arrangements of preschool children, by age, race/ethnicity, and household income: 1991, 1995, and 1999

Characteristic	Total	Age			Race/ethnicity				Household income						
		3 years old	4 years old	5 years old	White, non-Hispanic	Black, non-Hispanic	Hispanic	Other	\$10,000 or less	\$10,001 to \$20,000	\$20,001 to \$30,000	\$30,001 to \$40,000	\$40,001 to \$50,000	\$50,001 to \$75,000	More than \$75,000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1991															
Children ¹															
In thousands	8,428	3,749	3,636	1,044	5,867	1,239	1,002	319	1,495	1,437	1,711	1,319	936	974	556
Percent	100.0	44.5	43.1	12.4	69.6	14.7	11.9	3.8	17.7	17.0	20.3	15.7	11.1	11.6	6.6
Percent in nonparental arrangements															
Relative care	16.9	16.1	18.1	15.6	14.8	24.1	19.5	19.3	16.8	19.3	18.9	15.9	16.6	15.6	9.6
Nonrelative care	14.8	14.8	14.8	15.0	17.3	7.9	9.7	12.1	6.3	11.8	12.9	15.7	21.4	21.9	25.9
Center based programs ²	52.8	42.3	60.4	63.9	54.0	58.2	38.9	53.2	44.9	44.5	44.5	53.2	60.0	68.4	80.4
Percent with parental care only	31.0	37.8	25.9	24.3	30.6	25.0	40.6	32.6	42.4	35.9	38.5	29.7	23.1	15.2	8.8
1995															
Children ¹															
In thousands	9,232	4,126	4,065	1,041	6,337	1,396	1,042	457	1,795	1,204	1,484	1,319	1,037	1,381	1,012
Percent	100.0	44.7	44.0	11.3	68.6	15.1	11.3	5.0	19.4	13.0	16.1	14.3	11.2	15.0	11.0
Percent in nonparental arrangements															
Relative care	19.4	21.4	18.3	15.1	16.5	28.6	22.8	22.6	18.1	25.2	20.7	20.0	18.1	18.8	13.7
Nonrelative care	16.9	18.5	15.3	17.2	19.4	11.3	12.5	10.5	10.5	15.1	13.5	20.3	19.8	19.1	25.2
Center based programs ²	55.1	40.7	64.7	74.5	56.9	59.5	37.4	56.7	48.8	44.6	45.5	46.1	55.5	71.1	82.2
Percent with parental care only	25.9	32.0	22.2	16.2	25.2	20.3	38.4	24.2	34.4	32.7	34.2	29.7	23.1	11.8	7.8
1999															
Children ¹															
In thousands	8,525	3,814	3,705	1,006	5,389	1,214	1,376	547	1,064	1,342	1,333	1,098	848	1,397	1,443
Percent	100.0	44.7	43.5	11.8	63.2	14.2	16.1	6.4	12.5	15.7	15.6	12.9	9.9	16.4	16.9
Percent in nonparental arrangements															
Relative care	22.8	24.4	22.0	20.2	18.8	33.4	26.5	30.2	27.5	29.4	27.1	22.5	21.3	17.3	15.9
Nonrelative care	16.1	16.2	15.9	16.1	19.4	7.4	12.7	10.4	13.2	13.7	12.5	14.7	13.6	21.0	21.3
Center based programs ²	59.7	45.7	69.6	76.5	60.0	73.2	44.2	66.1	55.9	51.1	51.4	55.4	60.2	66.6	74.6
Percent with parental care only	23.1	30.8	17.7	13.5	23.2	13.7	33.4	16.6	27.5	27.7	29.8	24.8	23.1	17.8	13.1
Standard errors for 1999															
Percent	0.9	0.6	0.6	0.3	0.7	0.4	0.3	0.2	0.3	0.4	0.3	0.2	0.2	0.3	0.3
Percent in nonparental arrangements															
Relative care	0.8	1.3	1.2	2.3	1.0	2.5	1.9	3.9	3.1	2.4	2.2	2	2.4	1.6	1.6
Nonrelative care	0.7	1.1	1.1	2.2	1.0	1.3	1.4	2.1	2.5	1.8	1.6	1.8	2.0	1.9	1.9
Center based programs ²	1.0	1.5	1.4	2.4	1.3	2.4	2.2	3.7	3.4	2.7	2.4	2.5	2.9	2.2	2.0
Percent with parental care only	0.8	1.4	1.2	2.0	1.1	1.9	2.1	3.0	3.1	2.4	2.2	2.2	2.4	1.8	1.6

¹ Estimates are based only on children 3 to 5 years old who have not entered kindergarten.

² Center based programs include day care centers, nursery schools, prekindergarten, preschools and Head Start programs.

NOTE: Row percents for nonparental and parental care do not add to 100.0 because some children participated in more than one type of nonparental arrangement. Some

data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics. The Parent Survey of the National Household Education Surveys Program (ECE:1991), (ECPP:1995), and (Parent 1999), unpublished tabulations. (This table was prepared August 2001.)

Table 46. Children of prekindergarten through second grade age, by enrollment status, maternal characteristics, and household income: 1991, 1995, and 1999

Maternal characteristic and household income	3- to 5-year-olds, not enrolled in school			Enrolled in nursery school or prekindergarten			Enrolled in kindergarten			Enrolled in 1st grade			Enrolled in 2nd grade		
	1991	1995	1999	1991	1995	1999	1991	1995	1999	1991	1995	1999	1991	1995	1999
1	4,853	4,586 (102)	4,037 (58)	3,571	4,642 (105)	4,510 (52)	4,022	4,022 (72)	3,948 (65)	4,001	4,025 (77)	4,540 (154)	3,724	3,777 (73)	4,083 (78)
Percentage distribution															
Mother's highest education ²	100.0	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)
Less than high school	18.2	22.1 (1.4)	20.6 (1.3)	8.2	9.8 (0.9)	10.4 (0.8)	15.8	17.0 (1.0)	16.1 (1.3)	15.6	15.9 (1.1)	17.1 (1.4)	15.5	19.6 (0.9)	18.2 (1.3)
High school diploma ³	42.8	35.3 (1.5)	30.4 (1.6)	32.2	27.7 (1.3)	23.0 (1.2)	39.6	33.1 (1.2)	26.9 (1.5)	38.4	31.2 (1.6)	26.6 (1.4)	37.7	31.0 (1.4)	25.3 (1.5)
Some postsecondary	22.5	21.3 (1.3)	23.3 (1.3)	28.7	22.7 (1.0)	22.8 (1.2)	24.1	21.5 (1.0)	22.8 (1.4)	24.0	23.6 (1.3)	23.8 (1.5)	26.1	20.6 (0.9)	23.5 (1.4)
Associate degree	3.6	7.0 (0.8)	7.0 (0.7)	4.5	8.6 (0.7)	9.6 (0.7)	4.0	7.2 (0.7)	8.3 (0.9)	3.5	7.3 (0.8)	7.9 (0.8)	4.3	7.6 (0.6)	10.3 (1.0)
Bachelor's degree	9.2	9.6 (0.8)	13.3 (1.0)	16.5	19.0 (1.0)	22.1 (1.1)	11.4	13.5 (0.9)	15.4 (1.0)	11.7	13.7 (1.0)	15.8 (1.1)	10.0	12.9 (0.8)	15.2 (1.2)
Graduate/professional school	3.7	4.7 (0.5)	5.5 (0.6)	9.9	12.1 (0.8)	11.9 (0.8)	5.0	7.7 (0.8)	10.6 (0.9)	6.7	8.3 (0.6)	8.8 (0.9)	6.4	8.3 (0.7)	7.6 (0.8)
Mother's employment status ²	100.0	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)
Working 35 hours/week or more	33.8	33.4 (1.4)	36.1 (1.6)	34.0	38.5 (1.1)	42.7 (1.5)	35.3	36.1 (1.2)	43.6 (1.6)	38.2	38.5 (1.5)	43.4 (1.6)	38.9	40.5 (1.2)	44.5 (1.6)
Working less than 35 hours/week	20.6	17.8 (1.2)	21.0 (1.2)	26.7	23.7 (1.1)	23.3 (1.1)	21.5	20.9 (1.2)	22.2 (1.2)	23.9	20.8 (1.1)	23.4 (1.5)	22.3	21.4 (1.2)	22.1 (1.3)
Looking for work	7.0	6.8 (0.8)	5.9 (0.7)	5.2	5.8 (0.7)	4.9 (0.7)	6.5	5.6 (0.7)	5.3 (0.8)	6.1	5.0 (0.7)	4.4 (0.7)	6.6	5.4 (0.7)	4.0 (0.7)
Not in labor force	38.6	42.0 (1.7)	36.9 (1.3)	34.1	32.0 (1.3)	29.2 (1.3)	36.7	37.4 (1.2)	28.9 (1.4)	31.7	35.6 (1.6)	28.8 (1.4)	32.1	32.7 (1.3)	29.5 (1.6)
Household income	100.0	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)
\$10,000 or less	19.6	22.7 (1.2)	14.5 (1.1)	15.2	16.1 (1.1)	10.8 (0.9)	17.9	19.5 (1.3)	13.4 (1.2)	18.7	17.4 (1.2)	15.6 (1.1)	18.2	19.5 (1.3)	14.7 (1.4)
\$10,001 to \$20,000	19.3	15.7 (1.1)	19.5 (1.0)	14.0	10.4 (0.8)	12.6 (0.8)	16.5	12.5 (0.9)	13.2 (1.1)	16.9	13.2 (0.9)	13.8 (1.1)	16.9	11.6 (0.8)	15.3 (1.1)
\$20,001 to \$30,000	23.0	19.1 (1.1)	17.3 (1.2)	16.6	13.1 (0.8)	14.1 (0.8)	20.8	15.6 (0.8)	15.3 (1.1)	20.2	16.6 (0.9)	15.2 (1.1)	18.9	16.5 (1.1)	16.2 (1.2)
\$30,001 to \$40,000	15.9	16.2 (1.0)	14.6 (1.2)	15.6	12.4 (0.9)	11.4 (0.7)	14.8	15.3 (1.2)	14.6 (1.2)	15.1	14.1 (0.8)	12.8 (1.1)	15.4	16.1 (0.9)	11.3 (1.0)
\$40,001 to \$50,000	10.4	11.0 (0.7)	9.9 (0.8)	12.1	11.5 (1.0)	9.9 (0.7)	11.5	11.7 (0.9)	9.8 (0.9)	10.8	11.1 (0.8)	10.2 (0.9)	12.0	11.3 (0.9)	10.4 (0.9)
\$50,001 to \$75,000	8.5	10.5 (0.7)	12.9 (0.8)	15.7	19.3 (0.9)	19.4 (1.0)	11.7	14.4 (0.8)	15.9 (1.1)	11.1	15.6 (0.8)	16.1 (0.9)	11.8	15.0 (1.0)	15.2 (1.0)
More than \$75,000	3.3	4.7 (0.7)	11.3 (0.9)	10.9	17.2 (1.1)	21.9 (1.1)	6.8	10.9 (0.6)	17.8 (1.1)	7.2	12.1 (0.7)	16.4 (1.1)	6.9	10.1 (0.8)	16.9 (1.2)

¹ Includes a very small number of older children of first and second grade age.

² Excludes data for households with no mother present.

³ Includes equivalency certificates.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The Parent Survey of the National Household Education Surveys Program, (ECE:1991), (ECPP:1995), and (Parent:1999), unpublished tabulations. (This table was prepared May 2003.)

Table 47. Children's mean general knowledge, reading, and mathematics performance in kindergarten and first grade, by child and family characteristics: Fall 1998, spring 1999, fall 1999, and spring 2000

Child and family characteristics	General knowledge performance scale score ¹				Reading overall performance scale score ¹				Reading, percent reading sight words ²				Mathematics, overall performance scale score ¹				Mathematics, percent with addition and subtraction skills ²			
	Kindergarten		1st grade		Kindergarten		1st grade		Kindergarten		1st grade		Kindergarten		1st grade		Kindergarten		1st grade	
	Fall 1998	Spring 1999	Fall 1999	Spring 2000	Fall 1998	Spring 1999	Fall 1999	Spring 2000	Fall 1998	Spring 1999	Fall 1999	Spring 2000	Fall 1998	Spring 1999	Fall 1999	Spring 2000	Fall 1998	Spring 1999	Fall 1999	Spring 2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Total	22.7	27.7	30.9	35.5	22.9	33.0	38.7	55.7	2.7	13.6	25.8	78.3	19.8	28.0	33.0	43.8	4.4	17.5	35.0	74.0
Sex																				
Male	23.0	28.1	31.3	35.9	22.5	32.0	37.7	54.5	2.8	11.9	23.3	74.9	20.1	28.2	33.5	44.1	4.4	18.4	35.9	73.8
Female	22.4	27.4	30.4	35.1	23.4	34.1	39.7	56.9	2.6	15.3	28.3	81.8	19.6	27.7	33.0	43.5	3.0	16.7	33.0	73.6
Race/ethnicity																				
White, non-Hispanic	24.9	30.0	33.1	37.5	24.2	34.8	40.4	57.9	3.2	15.9	29.3	83.3	21.3	29.7	35.2	45.7	4.9	21.9	40.8	79.7
Black, non-Hispanic	17.5	22.4	25.9	30.7	20.3	29.7	34.6	50.4	0.8	7.9	16.7	67.1	16.7	23.9	28.8	39.2	0.8	7.2	20.0	58.8
Hispanic	19.6	25.2	28.0	33.2	20.6	30.6	36.1	52.7	1.7	9.7	20.0	71.5	17.5	25.5	30.9	41.7	1.7	11.7	25.9	67.5
Asian/Pacific Islander	19.9	25.0	28.0	32.5	27.0	37.3	43.5	59.3	10.6	28.0	39.0	82.0	21.2	28.8	35.0	43.1	6.9	23.7	40.0	70.0
Parents' highest level of education																				
Less than high school	16.3	21.9	24.9	29.8	17.4	26.7	30.7	46.2	#	2.9	7.7	57.0	14.5	21.7	26.4	37.8	#	3.6	13.7	53.9
High school	19.9	24.6	27.6	32.6	20.1	30.0	34.8	52.0	1.3	7.3	16.0	70.0	17.3	24.8	30.1	40.5	1.2	9.8	23.4	63.3
Some college	22.4	27.6	30.9	36.0	22.3	32.5	38.2	55.2	1.7	11.2	24.2	80.0	14.6	27.6	32.9	43.7	2.3	14.6	31.7	74.7
Bachelor's or higher	26.7	31.9	34.9	39.2	27.3	38.1	44.1	61.8	5.4	23.9	39.8	89.0	23.8	32.3	38.0	48.0	8.2	30.4	51.4	84.9
Socioeconomic status																				
Lowest 20 percent	16.6	21.6	24.4	29.4	17.5	26.7	30.9	46.1	#	4.0	8.1	55.9	14.7	21.8	26.4	37.2	#	4.4	14.2	51.6
Middle 60 percent	22.4	27.6	30.7	36.0	22.5	32.8	38.3	55.6	1.8	11.6	24.3	79.9	19.5	27.7	33.0	43.7	2.5	15.4	32.6	74.3
Highest 20 percent	27.8	32.7	35.9	39.9	28.2	39.2	45.2	62.5	6.8	26.5	42.6	89.7	24.6	33.1	38.9	48.6	9.6	32.9	54.4	87.0
Total	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.8	1.3	1.2	0.3	0.3	0.3	0.3	0.3	0.8	1.1	1.2
Sex																				
Male	0.3	0.4	0.4	0.3	0.4	0.4	0.6	0.6	0.5	1.0	1.6	1.6	0.3	0.4	0.4	0.5	0.4	1.0	1.3	1.6
Female	0.3	0.3	0.4	0.3	0.3	0.4	0.5	0.5	0.4	1.0	1.4	1.4	0.3	0.3	0.3	0.3	0.3	0.9	1.2	1.2
Race/ethnicity																				
White, non-Hispanic	0.3	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4	1.0	1.4	1.4	0.3	0.3	0.3	0.4	0.4	0.9	1.3	1.3
Black, non-Hispanic	0.3	0.4	0.5	0.5	0.3	0.5	0.6	0.6	0.3	1.3	1.8	2.1	0.3	0.4	0.4	0.5	0.2	0.9	1.2	2.0
Hispanic	0.5	0.4	0.4	0.4	0.5	0.6	0.7	1.0	0.5	1.1	2.4	3.0	0.4	0.5	0.6	0.6	0.4	1.1	1.7	2.5
Asian/Pacific Islander	1.0	0.9	1.1	1.0	1.6	1.9	2.1	2.1	2.9	4.8	5.6	5.0	1.0	1.5	1.5	1.4	2.6	4.3	5.2	5.5
Parents' highest level of education																				
Less than high school	0.4	0.6	0.7	0.6	0.5	0.6	0.8	1.1	0.0	1.0	1.5	3.1	0.4	0.5	0.7	1.0	0.0	0.6	2.3	3.9
High school	0.4	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.7	1.2	1.8	2.1	0.4	0.4	0.5	0.6	0.3	1.0	1.9	2.3
Some college	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.4	0.8	1.6	1.4	0.3	0.3	0.4	0.3	0.3	0.9	1.2	1.3
Bachelor's or higher	0.3	0.3	0.3	0.2	0.5	0.6	0.6	0.6	0.7	1.6	2.0	1.1	0.4	0.4	0.4	0.4	0.8	1.4	1.5	1.2
Socioeconomic status																				
Lowest 20 percent	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.9	0.3	1.0	1.4	2.3	0.3	0.5	0.5	0.7	0.2	0.6	1.5	2.4
Middle 60 percent	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3	0.8	1.4	1.5	0.3	0.3	0.3	0.4	0.3	0.8	1.1	1.3
Highest 20 percent	0.4	0.4	0.4	0.3	0.6	0.7	0.7	0.7	1.0	2.0	2.3	1.3	0.4	0.5	0.5	0.4	1.0	1.8	1.8	1.3

#Rounds to zero.

¹ Performance estimates are mean scale scores. Scale scores range as follows: General knowledge, 0-51; Reading, 0-92; and Mathematics, 0-64. The standard deviation for the reading scale scores are: fall kindergarten, 10.32; spring kindergarten, 13.29; fall 1st grade, 16.37; and spring 1st grade, 20.79. The standard deviation for the mathematics scale scores are: fall kindergarten, 8.98; spring kindergarten, 11.51; fall 1st grade, 13.27 and spring 1st grade, 16.15. The standard deviation for the general knowledge scale scores are: fall kindergarten, 7.50; spring kindergarten, 7.64; fall 1st grade, 7.59; and spring 1st grade, 7.03.

² Student was assumed to have mastered a particular skill if at least three of the four items in the subject cluster were answered correctly.

NOTE: Estimates based on children who entered kindergarten for the first time in the fall of 1998 and were assessed in English for all four rounds of data collection. Approximately 67 percent of Hispanic children and 82 percent of Asian children were assessed in English in all four rounds of data collection. First grade estimates include children promoted to first grade on time and also include the scores of the small percentage of children (i.e., 5 percent) who repeated kindergarten in 1999-2000.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 1998-99 (ECLS-K), fall 1998, spring 1999, fall 1999, and spring 2000, unpublished tabulations. (This table was prepared September 2001.)

Standard errors

Table 48. Percent of 3- to 5-year-olds not yet enrolled in kindergarten who have participated in home literacy activities with a family member, by type of activity and selected child and family characteristics: 1993 and 1999

Selected child and family characteristics	Children, in thousands		Percent participating 3 or more times in the past week								Visited a library ¹	
	1993	1999	Read to by family member		Told a story by family member		Taught letters, words, or numbers		Did arts and crafts		1993	1999
			1993	1999	1993	1999	1993	1999	1993	1999		
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	8,579	8,525	78 (0.6)	82 (0.7)	43 (0.9)	50 (1.0)	58 (0.8)	64 (0.9)	34 (0.8)	39 (1.0)	38 (1.0)	37 (0.9)
Age												
3 years old	3,889	3,814	79 (1.0)	82 (1.1)	46 (1.3)	53 (1.5)	57 (1.3)	66 (1.4)	34 (1.3)	41 (1.5)	34 (1.3)	33 (1.4)
4 years old	3,713	3,705	78 (1.0)	82 (1.1)	41 (1.5)	48 (1.5)	58 (1.1)	63 (1.4)	33 (1.1)	38 (1.4)	41 (1.5)	39 (1.4)
5 years old	976	1,006	76 (2.1)	79 (2.4)	36 (2.7)	45 (2.9)	58 (2.8)	65 (2.7)	33 (2.3)	35 (2.7)	38 (2.7)	42 (2.9)
Sex												
Male	4,453	4,364	77 (1.0)	81 (1.0)	43 (1.2)	50 (1.4)	58 (1.0)	64 (1.3)	31 (1.0)	38 (1.3)	38 (1.5)	35 (1.3)
Female	4,126	4,162	79 (1.0)	82 (1.1)	43 (1.2)	50 (1.4)	58 (1.3)	65 (1.4)	36 (1.2)	40 (1.4)	38 (1.1)	38 (1.4)
Race/ethnicity												
White, non-Hispanic	5,902	5,389	85 (0.7)	89 (0.8)	44 (1.0)	53 (1.3)	58 (0.9)	65 (1.2)	36 (1.0)	44 (1.2)	42 (1.3)	40 (1.2)
Black, non-Hispanic	1,271	1,214	66 (2.3)	72 (2.4)	39 (2.7)	44 (2.7)	63 (2.7)	67 (2.6)	28 (2.4)	27 (2.3)	29 (2.6)	34 (2.5)
Hispanic	1,026	1,376	58 (2.4)	62 (2.1)	38 (2.2)	40 (2.1)	54 (1.9)	57 (2.2)	25 (2.1)	32 (2.0)	26 (1.6)	24 (1.8)
Other	381	547	73 (3.8)	82 (3.0)	50 (5.3)	54 (4.0)	59 (3.9)	68 (3.8)	32 (3.2)	33 (3.9)	43 (4.5)	43 (4.0)
Mother's highest level of education ²												
Less than high school ..	1,036	1,083	60 (2.7)	64 (2.6)	37 (3.2)	37 (2.8)	56 (2.7)	56 (2.9)	25 (2.2)	27 (2.5)	22 (2.7)	17 (2.1)
High school diploma or equivalent	3,268	2,360	76 (1.3)	77 (1.6)	41 (1.3)	49 (1.9)	56 (1.3)	66 (1.9)	30 (1.2)	39 (1.9)	31 (1.8)	31 (1.8)
Vocational/technical or some college	2,624	2,596	83 (1.4)	85 (1.2)	45 (1.7)	52 (1.7)	60 (1.5)	67 (1.6)	38 (1.6)	40 (1.7)	44 (2.0)	40 (1.7)
Bachelor's degree	912	1,485	90 (1.6)	92 (1.2)	48 (2.4)	55 (2.2)	56 (2.2)	66 (2.1)	37 (2.3)	43 (2.2)	55 (2.2)	51 (2.2)
Graduate/professional training or degree	569	727	90 (2.1)	93 (1.5)	50 (3.1)	52 (3.2)	60 (2.7)	61 (3.1)	42 (3.0)	48 (3.2)	59 (3.4)	49 (3.2)
Mother's employment status ²												
Employed	4,486	5,097	79 (1.0)	82 (1.0)	44 (1.0)	50 (1.3)	57 (1.2)	65 (1.2)	33 (1.1)	37 (1.2)	39 (1.2)	36 (1.2)
Unemployed	594	443	71 (3.4)	73 (3.5)	43 (2.9)	49 (4.3)	66 (3.6)	64 (4.1)	34 (3.9)	40 (4.2)	37 (3.7)	31 (3.9)
Not in labor force	3,328	2,712	79 (1.3)	84 (1.3)	43 (1.4)	50 (1.8)	58 (1.5)	65 (1.7)	34 (1.4)	43 (1.7)	37 (1.4)	41 (1.7)
Family composition of household												
Two parents	6,226	6,058	81 (0.7)	85 (0.8)	44 (0.9)	52 (1.1)	57 (0.9)	64 (1.1)	35 (0.9)	42 (1.1)	41 (1.2)	40 (1.1)
None or one parent	2,353	2,467	71 (1.7)	74 (1.7)	41 (2.0)	44 (1.9)	59 (2.1)	65 (1.9)	30 (1.9)	33 (1.8)	30 (1.7)	29 (1.8)
Poverty status												
Above poverty threshold	6,323	6,683	82 (0.7)	85 (0.7)	44 (0.9)	52 (1.0)	57 (0.8)	66 (1.0)	36 (0.9)	41 (1.0)	41 (1.2)	40 (1.0)
At or below poverty threshold	2,256	1,842	68 (1.6)	70 (2.2)	39 (1.8)	42 (2.5)	59 (2.0)	59 (2.5)	27 (1.9)	34 (2.4)	28 (2.0)	24 (2.1)

¹ Refers to visiting a library at least once in the past month.
² Excludes children who did not have a mother (birth, adoptive, step, or foster) residing in their household and also did not have a female respondent on the telephone.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey, *Home Literacy Activities and Signs of Children's Emerging Literacy, 1993 and 1999*. (This table was prepared June 2001.)

NOTE: Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

Table 49. Percentage distribution of first-time kindergartners by number of children's books in the home and number of times each week family members read books to them, by selected characteristics: Fall 1998

Characteristic	Total (in thousands)	Percentage distribution of total	Percentage distribution of first-time kindergartners, by number of children's books in child's home				Percentage distribution of first-time kindergartners, by number of times each week family members read books to child			
			Less than 26	26-50	51-100	101 or more	None	1-2	3-6	Every day
1	2	3	4	5	6	7	8	9	10	11
Total	3,678	100.0	26 (1.0)	28 (0.5)	29 (0.6)	17 (0.6)	1 (0.1)	19 (0.6)	35 (0.5)	45 (0.6)
Sex										
Male	1,868	50.8	27 (1.1)	28 (0.6)	28 (0.6)	16 (0.7)	1 (0.2)	21 (0.8)	35 (0.6)	43 (0.8)
Female	1,811	49.2	25 (1.0)	28 (0.6)	29 (0.8)	17 (0.7)	1 (0.1)	17 (0.6)	35 (0.6)	47 (0.7)
Race/ethnicity										
White, non-Hispanic	2,118	57.6	9 (0.4)	28 (0.6)	38 (0.6)	25 (0.8)	1 (0.1)	13 (0.5)	37 (0.5)	49 (0.7)
Black, non-Hispanic	570	15.5	50 (1.8)	31 (1.2)	15 (1.0)	4 (0.4)	2 (0.4)	31 (1.2)	33 (1.3)	35 (1.2)
Asian	108	2.9	46 (2.7)	26 (1.6)	20 (1.9)	8 (1.2)	1 (0.3)	23 (1.9)	29 (1.8)	47 (2.4)
Hispanic	704	19.1	52 (1.5)	27 (0.9)	16 (0.8)	6 (0.5)	3 (0.3)	27 (1.0)	31 (0.9)	39 (0.9)
Hawaii Native/Pacific Islander	21	0.6	34 (3.1)	41 (3.8)	16 (3.3)	9 (3.1)	# (#)	19 (2.5)	35 (3.0)	45 (2.9)
American Indian/Alaska Native	64	1.7	51 (7.8)	22 (2.4)	16 (3.0)	11 (3.3)	3 (0.6)	33 (3.0)	25 (2.7)	40 (2.1)
Other	88	2.4	20 (2.4)	36 (3.0)	28 (2.4)	16 (1.7)	# (#)	15 (1.8)	42 (2.9)	43 (2.7)
Mother's highest level of education¹										
Less than high school	519	14.1	62 (1.7)	24 (1.2)	10 (0.8)	4 (0.5)	4 (0.5)	34 (1.1)	27 (1.1)	36 (1.1)
High school or equivalent	1,116	30.3	31 (1.4)	32 (0.9)	26 (0.9)	11 (0.5)	1 (0.2)	24 (0.9)	36 (0.8)	39 (0.7)
Some college, including vocational	1,153	31.3	17 (0.9)	31 (0.7)	33 (0.8)	19 (0.8)	# (0.1)	15 (0.7)	40 (0.8)	45 (0.8)
Bachelor's degree or higher	798	21.7	7 (0.6)	22 (1.0)	40 (0.9)	31 (1.0)	# (0.1)	7 (0.6)	34 (0.9)	59 (1.0)

Rounds to zero.

¹ Excludes children with no mother present in household.

NOTE: Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 1998-99 (ECLS-K), fall 1998, unpublished tabulations. (This table was prepared October 2002.)

Table 50. Percentage distribution of kindergarten teachers and parents indicating the importance of various factors for kindergarten readiness, by control: Fall 1998

Teacher and parent perception of student skills	Perception of importance for parents and teachers of public kindergarten children					Perception of importance for parents and teachers of private kindergarten children				
	Not important	Not very important	Somewhat important	Very important	Essential	Not important	Not very important	Somewhat important	Very important	Essential
1	2	3	4	5	6	7	8	9	10	11
Kindergarten teachers¹										
Can count to 20 or more	12 (0.7)	38 (1.3)	36 (1.2)	11 (0.7)	2 (0.3)	10 (2.0)	37 (3.1)	34 (3.0)	12 (2.0)	6 (2.3)
Knows most of the alphabet	9 (0.7)	30 (1.2)	43 (1.2)	14 (0.9)	4 (0.5)	6 (1.4)	26 (2.8)	41 (2.7)	19 (2.6)	8 (2.3)
Takes turns and shares	# (0.1)	1 (0.2)	25 (1.1)	58 (1.4)	16 (1.0)	# (0.3)	1 (0.4)	25 (2.5)	58 (3.2)	16 (2.4)
Sits still and pays attention	1 (0.2)	4 (0.4)	36 (1.4)	47 (1.3)	13 (0.8)	1 (0.5)	3 (1.1)	35 (3.8)	52 (3.1)	10 (2.7)
Is able to use pencils and paint brushes	4 (0.5)	14 (0.9)	47 (1.3)	29 (1.5)	6 (0.5)	5 (1.4)	12 (2.2)	42 (3.1)	32 (3.3)	9 (2.5)
Kindergarten parents²										
Can count to 20 or more	1 (0.1)	6 (0.3)	30 (0.6)	46 (0.7)	17 (0.4)	2 (0.2)	9 (0.6)	33 (1.0)	35 (1.1)	21 (1.0)
Knows most of the alphabet	1 (0.1)	4 (0.3)	25 (0.6)	51 (0.8)	19 (0.4)	1 (0.2)	7 (0.6)	29 (1.1)	41 (1.0)	22 (1.0)
Takes turns and shares	# (0.0)	# (0.0)	5 (0.2)	63 (0.6)	32 (0.6)	# (0.0)	# (0.1)	7 (0.5)	55 (1.0)	38 (0.9)
Sits still and pays attention	# (0.0)	1 (0.1)	14 (0.5)	60 (0.6)	25 (0.5)	# (0.1)	2 (0.3)	22 (1.1)	51 (0.9)	25 (0.8)
Is able to use pencils and paint brushes	# (0.1)	2 (0.2)	23 (0.5)	53 (0.7)	21 (0.4)	# (0.1)	3 (0.4)	27 (1.0)	43 (1.1)	26 (0.9)

Rounds to zero.

¹ Estimates pertaining to teachers are based on the responses of a nationally representative sample of kindergarten children's teachers.

² Estimates pertaining to parents are based on the responses of a nationally representative sample of kindergarten children's parents.

NOTE: Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 1998-99 (ECLS-K), fall 1998, unpublished tabulations. (This table was prepared September 2001.)

Table 51. Percentage distribution of kindergarten teachers' time spent on certain instructional approaches, by control and program: Fall 1998

Length of school day and instructional approach	Public school kindergarten teachers					Private school kindergarten teachers				
	No time	Half hour or less	About one hour	About two hours	Three hours or more	No time	Half hour or less	About one hour	About two hours	Three hours or more
1	2	3	4	5	6	7	8	9	10	11
Full-day programs										
Teacher-directed:										
Whole class activities	# (0.1)	4 (0.7)	28 (1.8)	43 (1.4)	25 (1.6)	# (#)	15 (3.9)	23 (3.8)	25 (3.3)	37 (4.0)
Small group activities	1 (0.2)	18 (1.4)	46 (2.5)	28 (2.3)	8 (1.2)	6 (2.9)	33 (4.1)	42 (3.8)	16 (2.9)	3 (1.2)
Individual activities	2 (0.5)	53 (1.7)	35 (1.3)	9 (1.0)	1 (0.4)	5 (1.4)	55 (3.9)	29 (3.2)	6 (1.8)	6 (1.5)
Child selected activities	2 (0.3)	31 (1.8)	52 (2.0)	13 (1.0)	2 (0.5)	3 (1.6)	35 (3.6)	45 (4.2)	11 (2.5)	6 (2.0)
Part-day programs										
Teacher-directed:										
Whole class activities	# (0.3)	15 (1.3)	52 (1.9)	27 (2.0)	5 (0.8)	# (#)	27 (6.8)	40 (6.9)	30 (5.2)	3 (2.1)
Small group activities	2 (0.5)	36 (2.5)	46 (2.3)	15 (1.6)	1 (0.4)	3 (2.2)	62 (5.7)	26 (5.5)	7 (2.4)	1 (1.2)
Individual activities	9 (1.2)	73 (2.0)	15 (1.6)	2 (0.5)	1 (0.3)	9 (3.9)	72 (6.6)	13 (4.1)	5 (2.7)	2 (1.6)
Child selected activities	3 (0.6)	63 (1.9)	29 (1.7)	4 (1.0)	# (0.2)	3 (2.0)	41 (5.6)	41 (4.9)	12 (5.8)	3 (1.8)

Rounds to zero.

NOTE: Estimates are based on the responses of a nationally representative sample of kindergarten children's teachers. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 1998-99 (ECLS-K), fall 1998, unpublished tabulations. (This table was prepared September 2001.)

Table 52. Children 3 to 21 years old served in federally supported programs for the disabled, by type of disability: Selected years, 1976-77 to 2001-02

Type of disability	1976-77	1980-81	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number served in thousands															
All disabilities	3,694	4,144	4,594	4,710	4,875	5,036	5,216	5,378	5,573	5,730	5,903	6,055	6,190	6,296	6,407
Specific learning disabilities	796	1,462	2,047	2,129	2,232	2,351	2,408	2,489	2,579	2,649	2,725	2,789	2,830	2,843	2,846
Speech or language impairments	1,302	1,168	971	985	996	994	1,014	1,015	1,022	1,043	1,056	1,068	1,078	1,084	1,084
Mental retardation	961	830	547	535	537	518	536	555	570	579	589	597	600	599	592
Emotional disturbance	283	347	380	390	399	400	414	427	438	445	453	462	468	473	476
Hearing impairments	88	79	57	58	60	60	64	64	67	68	69	70	70	70	70
Orthopedic impairments	87	58	48	49	51	52	56	60	63	66	67	69	71	72	73
Other health impairments	141	98	52	55	58	65	82	106	133	160	190	221	254	292	337
Visual impairments	38	31	22	23	24	23	24	24	25	25	25	26	26	25	25
Multiple disabilities	—	68	86	96	97	102	108	88	93	98	106	106	111	121	127
Deaf-blindness	—	3	2	1	1	1	1	1	1	1	1	2	2	1	2
Autism and traumatic brain injury	—	—	—	—	5	19	24	29	39	44	54	67	80	94	118
Developmental delay	—	—	—	—	—	—	—	—	—	—	4	12	19	28	45
Preschool disabled ¹	—	—	381	390	416	450	486	519	544	552	564	568	582	592	612
Percentage distribution of children served															
All disabilities	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Specific learning disabilities	21.5	35.3	44.6	45.2	45.8	46.7	46.2	46.3	46.3	46.2	46.2	46.1	45.7	45.2	44.4
Speech or language impairments	35.2	28.2	21.1	20.9	20.4	19.7	19.4	18.9	18.3	18.2	17.9	17.6	17.4	17.2	16.9
Mental retardation	26.0	20.0	11.9	11.4	11.0	10.3	10.3	10.3	10.2	10.1	10.0	9.9	9.7	9.5	9.2
Emotional disturbance	7.7	8.4	8.3	8.3	8.2	7.9	7.9	7.9	7.9	7.8	7.7	7.6	7.6	7.5	7.4
Hearing impairments	2.4	1.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
Orthopedic impairments	2.4	1.4	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Other health impairments	3.8	2.4	1.1	1.2	1.2	1.3	1.6	2.0	2.4	2.8	3.2	3.6	4.1	4.6	5.3
Visual impairments	1.0	0.7	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Multiple disabilities	—	1.6	1.9	2.0	2.0	2.0	2.1	1.6	1.7	1.7	1.8	1.8	1.8	1.9	2.0
Deaf-blindness	—	0.1	#	#	#	#	#	#	#	#	#	#	#	#	#
Autism and traumatic brain injury	—	—	—	—	0.1	0.4	0.5	0.5	0.7	0.8	0.9	1.1	1.3	1.5	1.8
Developmental delay	—	—	—	—	—	—	—	—	—	—	0.1	0.2	0.3	0.4	0.7
Preschool disabled ¹	—	—	8.3	8.3	8.5	8.9	9.3	9.7	9.8	9.6	9.6	9.4	9.4	9.4	9.6
Number served as a percent of total enrollment ²															
All disabilities	8.3	10.1	11.3	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.3	13.4
Specific learning disabilities	1.8	3.6	5.0	5.2	5.3	5.5	5.5	5.6	5.8	5.8	5.9	6.0	6.0	6.0	6.0
Speech or language impairments	2.9	2.9	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Mental retardation	2.2	2.0	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
Emotional disturbance	0.6	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Hearing impairments	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
Orthopedic impairments	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Other health impairments	0.3	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.7
Visual impairments	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Multiple disabilities	—	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
Deaf-blindness	—	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Autism and traumatic brain injury	—	—	—	—	#	#	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Developmental delay	—	—	—	—	—	—	—	—	—	—	#	#	#	0.1	0.1
Preschool disabled ¹	—	—	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3

—Not available.

Rounds to zero.

¹ Includes preschool children 3-5 years served under Chapter I and IDEA, Part B. Prior to 1987-88, these students were included in the counts by disability condition. Beginning in 1987-88, states were no longer required to report preschool children (0-5 years) by disability condition.

² Based on the total enrollment in public schools, kindergarten through 12th grade, including a relatively small number of prekindergarten students.

NOTE: Includes students served under Chapter I and Individuals with Disabilities Education Act (IDEA), formerly the Education of the Handicapped Act. Prior to October 1994, children and youth with disabilities were served under the Individuals with Disabilities Education Act, Part B, and Chapter 1 of the Elementary and Secondary Education Act. In October 1994, Congress passed the Improving America's Schools Act in which funding for children and youth with disabilities was consolidated under IDEA, Part B. Data

reported in this table for years prior to 1993-94 include children ages 0-21 served under Chapter 1. Counts are based on reports from the 50 states and the District of Columbia only (i.e., figures from outlying areas are not included). Increases since 1987-88 are due in part to new legislation enacted in fall 1986, which mandates public school special education services for all disabled children ages 3 through 5, in addition to age groups previously mandated. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitation Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*, various years, and unpublished tabulations; and National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems*, various years, and The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1989-90 through 2001-02. (This table was prepared July 2003.)

Table 53. Percentage distribution of disabled persons 6 to 21 years old receiving education services for the disabled, by educational environment and type of disability: United States and outlying areas, 1999–2000 and 2000–01

Type of disability	All environments	Regular school, outside regular class			Separate public school facility	Separate private school facility	Public residential facility	Private residential facility	Homebound/hospital placement
		Less than 21 percent	21–60 percent	More than 60 percent					
1	2	3	4	5	6	7	8	9	10
1999–2000									
All persons, 6 to 21 years old	100.0	47.3	28.3	20.3	1.9	1.0	0.4	0.3	0.5
Specific learning disabilities	100.0	45.3	37.9	15.8	0.4	0.3	0.1	0.1	0.2
Speech or language impairments	100.0	87.5	6.7	5.3	0.2	0.2	#	#	0.1
Mental retardation	100.0	14.1	29.5	50.5	4.1	0.9	0.4	0.2	0.4
Emotional disturbance	100.0	25.8	23.4	32.8	7.5	5.5	1.5	2.0	1.5
Hearing impairments	100.0	40.3	19.3	24.5	5.4	1.6	8.0	0.6	0.2
Orthopedic impairments	100.0	44.4	21.9	27.7	3.5	0.7	0.1	0.1	1.6
Other health impairments	100.0	44.9	33.2	17.2	0.9	0.7	0.1	0.2	2.7
Visual impairments	100.0	49.1	19.5	17.7	4.6	1.1	6.5	0.9	0.6
Multiple disabilities	100.0	11.2	18.8	43.0	15.0	6.8	1.3	1.4	2.5
Deaf-blindness	100.0	14.8	10.1	39.7	13.8	3.4	12.2	4.2	1.7
Autism	100.0	20.7	14.5	49.9	7.9	5.4	0.2	1.1	0.5
Traumatic brain injury	100.0	31.0	26.6	31.6	2.6	4.6	0.4	0.9	2.3
Developmental delay	100.0	44.7	29.7	24.2	0.8	0.2	#	#	0.3
2000–01									
All persons, 6 to 21 years old	00.0	6.5	9.8	19.5	1.9	1.1	0.4	0.3	0.5
Specific learning disabilities	100.0	44.3	40.3	14.4	0.3	0.3	0.1	0.1	0.2
Speech or language impairments	100.0	85.6	8.4	5.1	0.2	0.6	#	#	0.1
Mental retardation	100.0	13.2	29.1	51.7	4.2	0.9	0.3	0.2	0.4
Emotional disturbance	100.0	26.8	23.4	31.8	7.7	5.4	1.6	2.0	1.3
Hearing impairments	100.0	42.3	20.0	22.5	4.4	1.9	8.3	0.6	0.2
Orthopedic impairments	100.0	46.4	23.4	24.3	3.5	0.7	0.1	0.1	1.6
Other health impairments	100.0	45.1	33.9	16.7	0.8	0.8	0.2	0.2	2.4
Visual impairments	100.0	50.5	20.1	16.0	4.7	1.2	5.9	0.9	0.7
Multiple disabilities	100.0	12.1	16.0	45.5	14.6	6.9	1.3	1.3	2.3
Deaf-blindness	100.0	18.1	9.9	34.2	14.5	4.5	12.5	4.4	1.9
Autism	100.0	24.3	15.3	46.4	7.2	5.2	0.3	0.9	0.4
Traumatic brain injury	100.0	32.3	27.9	29.4	2.8	4.2	0.3	0.9	2.2
Developmental delay	100.0	46.4	29.9	22.3	0.6	0.4	#	0.1	0.2

Rounds to zero.

NOTE: Data by disability condition are only reported for 6- to 21-year-old students. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*, and unpublished tabulations. (This table was prepared July 2003.)

Table 54. Number and percent of children served under Individuals with Disabilities Education Act, Part B, by age group and state or jurisdiction: Selected years, 1990-91 to 2001-02

State or jurisdiction	Ages 3 to 21						Ages 3 to 5			
	1990-91	1999-2000	2000-201	2001-02	Disabled students as a percent of public school enrollment, 2001-02 ¹	Percent change, ages 3 to 21, 1990-91 to 2001-02	1990-91	1999-2000	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
United States	4,760,999	6,190,235	6,295,816	6,407,418	13.4	34.6	440,661	581,997	592,087	612,084
Alabama	94,945	99,733	99,828	96,477	13.1	1.6	7,498	7,316	7,554	7,526
Alaska	14,745	17,495	17,691	18,017	13.4	22.2	1,813	1,633	1,637	1,678
Arizona	57,235	93,333	96,442	100,886	10.9	76.3	4,936	9,076	9,144	9,906
Arkansas	47,835	60,864	62,222	63,969	14.2	33.7	5,274	9,031	9,376	9,504
California	469,282	640,815	645,287	657,671	10.5	40.1	40,489	58,491	57,651	58,456
Colorado	57,102	76,858	78,715	80,083	10.8	40.2	4,894	8,059	8,202	8,581
Connecticut	64,562	74,722	73,886	74,016	13.0	14.6	6,142	7,275	7,172	7,390
Delaware	14,294	16,287	16,760	17,295	15.0	21.0	1,579	1,641	1,652	1,875
District of Columbia	6,290	9,348	10,559	12,456	16.5	98.0	411	560	374	436
Florida	236,013	356,198	367,335	379,609	15.2	60.8	16,387	29,363	30,660	32,590
Georgia	101,997	164,374	171,292	178,239	12.1	74.7	7,333	15,922	16,560	17,709
Hawaii	13,169	22,964	23,951	23,526	12.7	78.6	1,273	1,860	1,919	1,930
Idaho	22,017	29,112	29,174	29,100	11.8	32.2	3,129	3,626	3,591	3,650
Illinois	239,185	287,475	297,316	306,355	14.8	28.1	26,122	27,689	28,787	29,664
Indiana	114,643	151,599	156,320	161,519	16.2	40.9	8,937	14,499	15,101	16,347
Iowa	60,695	71,970	72,461	73,084	15.0	20.4	6,329	5,599	5,580	5,487
Kansas	45,212	60,036	61,267	61,873	13.2	36.9	4,308	7,334	7,728	8,135
Kentucky	79,421	91,521	94,572	98,146	15.0	23.6	11,008	15,897	16,372	17,747
Louisiana	73,663	96,632	97,938	99,325	13.6	34.8	7,541	9,671	9,957	10,061
Maine	27,987	35,139	35,633	36,580	17.8	30.7	2,895	3,954	3,978	4,230
Maryland	91,263	111,711	112,077	112,426	13.1	23.2	10,409	9,750	10,003	10,614
Massachusetts	154,616	165,013	162,216	150,003	15.4	3.0	17,014	14,568	14,328	13,070
Michigan	166,927	213,585	221,456	226,061	13.1	35.4	14,963	19,236	19,937	20,887
Minnesota	80,896	107,860	109,880	110,964	13.0	37.2	10,529	11,366	11,522	11,804
Mississippi	60,934	62,359	62,281	62,196	12.6	2.1	5,704	6,812	6,944	6,902
Missouri	101,955	134,950	137,381	141,524	15.6	38.8	4,889	10,683	11,307	12,222
Montana	17,138	19,039	19,313	19,262	12.7	12.4	1,934	1,614	1,635	1,687
Nebraska	32,761	42,577	42,793	43,864	15.4	33.9	2,961	3,707	3,724	3,896
Nevada	18,440	35,703	38,160	40,227	11.3	118.2	1,742	3,664	3,676	3,976
New Hampshire	19,658	28,597	30,077	30,270	14.6	54.0	2,077	2,193	2,387	2,452
New Jersey	181,319	214,875	221,715	228,844	17.1	26.2	17,190	16,058	16,361	16,716
New Mexico	36,037	52,346	52,256	52,225	16.3	44.9	2,247	5,115	4,970	5,145
New York	307,458	434,347	441,333	440,232	15.3	43.2	26,353	50,140	51,665	53,313
North Carolina	123,126	173,067	173,067	186,972	14.2	51.9	10,700	17,361	17,361	19,010
North Dakota	12,504	13,612	13,652	13,627	12.8	9.0	1,374	1,283	1,247	1,294
Ohio	205,440	236,200	237,643	238,547	13.0	16.1	12,487	19,341	18,664	19,075
Oklahoma	65,653	83,149	85,577	87,801	14.1	33.7	5,359	6,077	6,393	6,714
Oregon	55,149	73,531	75,204	76,129	13.8	38.0	3,581	6,387	6,926	7,227
Pennsylvania	219,428	233,273	242,655	249,731	13.7	13.8	23,156	21,161	21,477	21,885
Rhode Island	21,076	29,895	30,727	31,816	20.1	51.0	2,112	2,651	2,614	2,692
South Carolina	77,765	103,153	105,922	110,037	15.9	41.5	8,346	11,352	11,775	11,967
South Dakota	14,987	16,246	16,825	16,931	13.3	13.0	2,366	2,267	2,286	2,244
Tennessee	104,898	126,732	125,863	126,245	13.6	20.4	7,536	10,690	10,699	11,132
Texas	350,636	493,850	491,642	492,857	11.8	40.6	30,955	36,079	36,442	37,244
Utah	47,747	54,957	53,921	54,570	11.3	14.3	4,565	5,899	5,785	5,922
Vermont	12,263	14,073	13,623	13,886	13.7	13.2	1,200	1,391	1,237	1,293
Virginia	113,971	157,995	162,212	170,518	14.7	49.6	11,791	14,023	14,444	15,145
Washington	85,395	116,235	118,851	120,970	12.0	41.7	11,409	11,623	11,760	11,881
West Virginia	43,135	50,314	50,333	50,136	17.7	16.2	3,630	5,409	5,445	5,332
Wisconsin	86,930	121,209	125,358	127,035	14.4	46.1	12,213	13,934	14,383	14,574
Wyoming	11,202	13,307	13,154	13,286	15.1	18.6	1,571	1,667	1,695	1,867
Bureau of Indian Affairs ..	6,997	12,913	8,448	8,571	18.4	22.5	1,092	386	338	266
Outlying areas	39,445	63,981	70,670	71,440	10.5	81.1	3,937	6,750	8,168	7,845
American Samoa	363	703	697	813	5.1	124.0	48	55	48	64
Guam	1,750	2,230	2,267	2,368	7.4	35.3	198	195	205	218
Northern Marianas	411	568	569	590	5.6	43.6	211	48	53	52
Palau	459	123	131	169	(²)	-63.2	45	11	10	13
Puerto Rico	35,129	58,740	65,504	65,874	10.9	87.5	3,345	6,274	7,746	7,378
Virgin Islands	1,333	1,617	1,502	1,626	8.7	22.0	90	167	106	120

¹Percent of students that are disabled is based on the enrollment in public schools, prekindergarten through 12th grade.

²Public school was not reported.

NOTE: Prior to 1994, children and youth with disabilities were served under the Individuals with Disabilities Education Act IDEA, Part B, and Chapter 1 of the Elementary and Secondary Education Act. In October 1994, Congress passed the Improving America's Schools Act in which funding for children and youth with disabilities was consolidated under (IDEA), Part B. Data reported in this table for years prior to 1994 include children served under Chapter 1. Some data revised from previously published figures.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*, various years, and unpublished tabulations, and the National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Non-fiscal Survey of Public Elementary/Secondary Education," 2001-02. (This table was prepared July 2003.)

Table 55. Number of gifted and talented students in public elementary and secondary schools, by sex and state: 2000

State	Total	Male	Female	Gifted and talented as a percent of total enrollment, by sex		
				Total	Male	Female
1	2	3	4	5	6	7
United States	2,926,034	1,419,729	1,506,305	6.3	6.0	6.7
Alabama	25,437	13,264	12,173	3.5	3.5	3.5
Alaska	5,574	2,868	2,706	4.2	4.2	4.2
Arizona	46,638	21,892	24,746	10.5	9.5	11.4
Arkansas	55,851	28,296	27,555	6.4	6.3	6.5
California	411,363	199,627	211,736	6.9	6.5	7.3
Colorado	45,701	22,567	23,134	6.5	6.2	6.7
Connecticut	17,470	8,415	9,055	3.3	3.1	3.5
Delaware	6,100	2,866	3,234	5.4	4.9	5.9
District of Columbia	—	—	—	—	—	—
Florida	105,341	53,936	51,405	4.4	4.4	4.5
Georgia	113,036	54,421	58,615	8.0	7.5	8.5
Hawaii	11,957	5,109	6,848	6.6	5.4	7.8
Idaho	9,204	4,640	4,564	3.8	3.7	3.9
Illinois	126,063	61,073	64,990	6.3	5.9	6.7
Indiana	62,670	28,872	33,798	6.3	5.7	7.0
Iowa	39,453	19,281	20,172	8.1	7.7	8.6
Kansas	14,952	8,231	6,721	3.3	3.5	3.0
Kentucky	71,773	33,830	37,943	11.5	10.5	12.6
Louisiana	24,548	12,337	12,211	3.4	3.4	3.5
Maine	11,668	5,780	5,888	5.4	5.2	5.6
Maryland	100,487	46,773	53,714	12.0	10.9	13.1
Massachusetts	11,263	5,275	5,988	1.2	1.1	1.3
Michigan	61,896	30,171	31,725	3.6	3.4	3.8
Minnesota	61,555	30,304	31,251	7.3	7.0	7.6
Mississippi	27,873	13,369	14,504	5.6	5.3	6.0
Missouri	30,494	15,710	14,784	3.4	3.5	3.4
Montana	8,642	4,232	4,410	5.6	5.3	5.9
Nebraska	31,555	15,318	16,237	11.3	10.7	11.9
Nevada	11,583	5,958	5,625	3.5	3.5	3.4
New Hampshire	3,829	1,841	1,988	1.7	1.6	1.9
New Jersey	99,418	47,300	52,118	7.8	7.3	8.4
New Mexico	12,107	6,644	5,463	3.8	4.1	3.6
New York	94,915	45,931	48,984	3.3	3.1	3.5
North Carolina	125,536	59,621	65,915	10.0	9.3	10.8
North Dakota	2,613	1,279	1,334	2.4	2.3	2.5
Ohio	101,656	50,432	51,224	5.5	5.3	5.7
Oklahoma	84,467	40,904	43,563	13.9	13.1	14.7
Oregon	41,668	21,754	19,914	7.7	7.8	7.6
Pennsylvania	88,483	45,861	42,622	4.9	4.9	4.9
Rhode Island	3,400	1,548	1,852	2.2	1.9	2.4
South Carolina	66,546	30,470	36,076	9.9	8.9	11.0
South Dakota	4,370	2,267	2,103	3.4	3.4	3.3
Tennessee	27,032	12,688	14,344	3.0	2.7	3.3
Texas	351,068	167,049	184,019	9.0	8.3	9.7
Utah	13,707	6,555	7,152	2.9	2.7	3.1
Vermont	1,191	563	628	1.1	1.0	1.2
Virginia	116,914	56,724	60,190	10.3	9.7	10.9
Washington	44,412	21,260	23,152	4.5	4.2	4.8
West Virginia	6,021	3,232	2,789	2.1	2.2	2.1
Wisconsin	84,872	40,636	44,236	10.0	9.3	10.7
Wyoming	1,659	753	906	1.9	1.6	2.1

—Not available.

SOURCE: U.S. Department of Education, Office of Civil Rights, "OCR Elementary and Secondary Survey: 2000." (This table was prepared October 2003.)

NOTE: Detail may not sum to totals due to rounding.

Table 56. Enrollment in grades 9 to 12 in public and private schools compared with population 14 to 17 years of age: Selected years, 1889–90 to fall 2002

[Numbers in thousands]

Year	Enrollment, grades 9 to 12 ¹			Population 14 to 17 years of age ²	Enrollment as a ratio of population 14 to 17 years of age ³
	All schools	Public schools	Private schools		
1	2	3	4	5	6
1889–90	298	203	95	5,355	5.6
1899–1900	630	519	111	6,152	10.2
1909–10	1,032	915	117	7,220	14.3
1919–20	2,414	2,200	214	7,736	31.2
1929–30	4,741	4,399	⁴ 341	9,341	50.7
1939–40	7,059	6,601	⁵ 458	9,720	72.6
1949–50	6,397	5,725	672	8,405	76.1
1951–52	6,538	5,882	656	8,516	76.8
1953–54	7,038	6,290	747	8,861	79.4
1955–56	7,696	6,873	823	9,207	83.6
1957–58	8,790	7,860	931	10,139	86.7
Fall 1959	9,306	8,271	1,035	11,155	83.4
Fall 1961	10,489	9,369	1,120	12,046	87.1
Fall 1963	12,170	10,883	1,287	13,492	90.2
Fall 1965	13,010	11,610	1,400	14,146	92.0
Fall 1966	13,294	11,894	1,400	14,398	92.3
Fall 1967	13,650	12,250	1,400	14,727	92.7
Fall 1968	14,118	12,718	1,400	15,170	93.1
Fall 1969	14,337	13,037	⁶ 1,300	15,549	92.2
Fall 1970	14,647	13,336	1,311	15,921	92.0
Fall 1971	15,053	13,753	⁶ 1,300	16,326	92.2
Fall 1972	15,148	13,848	⁶ 1,300	16,637	91.0
Fall 1973	15,344	14,044	⁶ 1,300	16,864	91.0
Fall 1974	15,403	14,103	⁶ 1,300	17,033	90.4
Fall 1975	15,604	14,304	⁶ 1,300	17,125	91.1
Fall 1976	15,656	14,314	1,342	17,117	91.5
Fall 1977	15,546	14,203	1,343	17,042	91.2
Fall 1978	15,441	14,088	1,353	16,944	91.1
Fall 1979	14,916	13,616	⁶ 1,300	16,610	89.8
Fall 1980	14,570	13,231	1,339	16,143	90.3
Fall 1981	14,164	12,764	⁶ 1,400	15,609	90.7
Fall 1982	13,805	12,405	⁶ 1,400	15,057	91.7
Fall 1983	13,671	12,271	1,400	14,740	92.7
Fall 1984	13,704	12,304	⁶ 1,400	14,725	93.1
Fall 1985	13,750	12,388	1,362	14,888	92.4
Fall 1986	13,669	12,333	⁶ 1,336	14,824	92.2
Fall 1987	13,323	12,076	1,247	14,502	91.9
Fall 1988	12,893	11,687	⁶ 1,206	14,023	91.9
Fall 1989	12,553	11,390	⁶ 1,163	13,536	92.7
Fall 1990	12,488	11,338	1,150	13,329	93.7
Fall 1991	12,703	11,541	1,162	13,491	94.2
Fall 1992	12,882	11,735	⁶ 1,147	13,775	93.5
Fall 1993	13,093	11,961	1,132	14,096	92.9
Fall 1994	13,376	12,213	⁶ 1,163	14,637	91.4
Fall 1995	13,697	12,500	1,197	15,013	91.2
Fall 1996	14,060	12,847	⁶ 1,213	15,443	91.0
Fall 1997	14,272	13,054	1,218	15,769	90.5
Fall 1998	14,428	13,193	⁶ 1,235	15,829	91.1
Fall 1999	14,623	13,369	1,254	16,007	91.4
Fall 2000	14,802	13,515	⁶ 1,287	16,096	92.0
Fall 2001	15,058	13,736	⁶ 1,322	16,204	92.9
Fall 2002 ⁷	15,332	13,976	1,356	16,365	93.7

¹ Includes a relatively small number of secondary ungraded and postgraduate students.

² Data for 1890 through 1950 are from the decennial censuses of population. The other figures are Bureau of the Census estimates as of July 1 preceding the opening of the school year.

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

⁴ Data are for 1927–28.

⁵ Data are for 1940–41.

⁶ Estimated.

⁷ Projected.

NOTE: Allocation of ungraded students to secondary levels based on proportions derived from prior years. Includes enrollment in public schools that are a part of state and local school systems and also in most private schools, both religiously affiliated and non-sectarian. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Reports of the Commissioner of Education*, 1870 through 1910; *Biennial Survey of Education in the United States*, 1919–20 through 1949–50; *Statistics of State School Systems, Statistics of Public Elementary and Secondary School Systems; Statistics of Nonpublic Elementary and Secondary Schools*; 1959 through 1980, The NCES Common Core of Data (CCD); 1981 through 2001 and *Projections of Education Statistics to 2013*. (This table was prepared September 2003.)

Table 57. Enrollment in foreign language courses compared with enrollment in grades 9 to 12 in public secondary schools: Selected years, fall 1948 to fall 2000

[In thousands]

Language	Fall 1948	Fall 1960	Fall 1965	Fall 1968	Fall 1970	Fall 1974	Fall 1976	Fall 1982	Fall 1985	Fall 1990	Fall 1994	Fall 2000	Percent change in enrollment	
													1976 to 1990	1990 to 2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total enrollment, grades 9 to 12	15,602	8,589	11,610	12,718	13,336	14,103	14,314	12,405	12,388	11,338	12,213	13,514	-20.8	19.2
All foreign languages ²														
Number enrolled	1,170	2,522	3,659	3,890	3,779	3,295	3,174	2,910	4,029	4,257	5,002	5,898	34.1	38.6
Percent of all students	20.9	29.4	31.5	30.6	28.3	23.3	22.2	23.3	32.2	37.5	41.0	43.6	—	—
Modern foreign languages														
Number enrolled	741	1,867	3,068	3,518	3,514	3,127	3,023	2,740	3,852	4,093	4,813	5,721	35.4	39.8
Percent of all students	13.2	21.7	26.4	27.7	26.4	22.1	21.1	21.9	31.1	36.1	39.4	42.3	—	—
Spanish														
Number enrolled	443	933	1,427	1,698	1,811	1,678	1,717	1,563	2,334	2,611	3,220	4,058	52.1	55.4
Percent of all students	7.9	10.9	12.3	13.4	13.6	11.9	12.0	12.5	18.8	23.0	26.4	30.0	—	—
French														
Number enrolled	254	744	1,251	1,328	1,231	978	888	858	1,134	1,089	1,106	1,075	22.6	-1.3
Percent of all students	4.5	8.7	10.8	10.4	9.2	6.9	6.2	6.9	9.2	9.6	9.1	8.0	—	—
German														
Number enrolled	43	151	328	423	411	393	353	267	312	295	326	283	-16.2	-4.1
Percent of all students	0.8	1.8	2.8	3.3	3.1	2.8	2.5	2.1	2.5	2.6	2.7	2.1	—	—
Russian														
Number enrolled	—	10	27	24	20	15	11	6	6	16	16	11	46.6	-35.6
Percent of all students	—	0.1	0.2	0.2	0.2	0.1	0.1	#	#	0.1	0.1	0.1	—	—
Italian														
Number enrolled	—	20	25	27	27	40	46	44	47	40	44	64	-11.4	58.7
Percent of all students	—	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.5	—	—
Japanese ³														
Number enrolled	—	—	—	—	—	—	—	—	—	25	42	51	—	102.5
Percent of all students	—	—	—	—	—	—	—	—	—	0.2	0.3	0.4	—	—
Other modern foreign languages ⁴														
Number enrolled	1	9	9	18	15	23	9	3	18	15	59	179	73.0	1102.3
Percent of all students	#	0.1	0.1	0.1	0.1	0.2	0.1	#	0.1	0.1	0.5	1.3	—	—
Latin														
Number enrolled	429	655	591	372	265	167	150	170	177	164	189	177	8.9	8.3
Percent of all students	7.7	7.6	5.1	2.9	2.0	1.2	1.1	1.4	1.4	1.4	1.5	1.3	—	—

—Not available.
Rounds to zero.

¹ Estimated.

² Includes enrollment in ancient Greek (not shown separately). Fewer than 1,000 students were enrolled in this language in each of the years shown.

³ Until 1990, student enrollment in Japanese courses was included in the Other modern foreign languages category.

⁴ Includes students enrolled in unspecified modern foreign languages. In 1978, a relatively large number of students were not identified by field of study. Since 1990, enrollment in Japanese courses is reported as a separate category.

NOTE: Allocation of ungraded students to secondary levels based on proportions derived from prior years. Details may not sum to totals due to rounding. Percent change computed from unrounded numbers.

SOURCE: U.S. Department of Education, National Center for Education Statistics. The NCES Common Core of Data (CCD), 1982 through 2000; and American Council on the Teaching of Foreign Languages, *Foreign Language Enrollments in U.S. Secondary Schools, Fall 2000*. (This table was prepared April 2002.)

Table 58. Private elementary and secondary enrollment, teachers, and schools, by orientation of private schools and selected school characteristics: Fall 1999

Selected school characteristic	Kindergarten to 12th-grade enrollment				Teachers				Schools			
	Total	Catholic	Other religious	Non-sectarian	Total	Catholic	Other religious	Non-sectarian	Total	Catholic	Other religious	Non-sectarian
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	5,162,684	2,511,040	1,843,580	808,063	395,317	149,600	152,915	92,801	27,223	8,102	13,232	5,889
Standard error	25,410	4,787	24,799	5,428	2,881	210	2,759	722	239	24	228	68
Level of school												
Elementary	2,831,372	1,814,676	750,026	266,669	187,833	100,565	58,386	28,882	16,530	6,707	6,843	2,981
Secondary	806,639	607,682	112,132	86,825	62,737	41,301	10,586	10,849	2,538	1,114	718	707
Combined	1,524,673	88,682	981,422	454,569	144,746	7,734	83,943	53,070	8,155	282	5,672	2,201
School enrollment												
Less than 50	196,309	5,497	128,007	62,806	26,329	769	15,898	9,662	7,565	172	5,031	2,362
50 to 149	716,129	149,542	385,184	181,403	71,676	12,543	36,431	22,702	7,738	1,408	4,280	2,050
150 to 299	1,424,018	767,888	496,825	159,306	102,457	45,928	38,371	18,157	6,571	3,450	2,364	757
300 to 499	1,228,631	720,044	357,479	151,109	84,086	41,439	26,627	16,020	3,219	1,876	946	397
500 to 749	805,490	477,806	215,910	111,774	54,078	26,057	15,964	12,057	1,352	805	360	187
750 or more	792,106	390,264	260,177	141,666	56,691	22,864	19,624	14,203	778	391	250	136
Percent minority students												
None	291,838	61,442	212,771	17,624	25,578	4,053	19,613	1,912	4,012	415	3,228	368
1 to 9 percent	2,282,659	1,216,054	806,530	260,075	164,869	72,015	64,951	27,903	9,219	3,737	4,149	1,332
10 to 29 percent	1,360,769	589,224	433,044	338,502	115,605	37,070	37,304	41,231	6,435	1,733	2,702	1,999
30 to 49 percent	414,323	190,783	139,742	83,798	32,424	11,471	10,994	9,959	2,455	604	1,007	844
50 percent or more	813,095	453,537	251,494	108,064	56,841	24,991	20,053	11,797	5,103	1,613	2,145	1,345
Community type												
Central city	2,540,516	1,293,629	870,219	376,668	189,984	76,118	71,244	42,622	10,825	3,737	4,550	2,538
Urban fringe/large town	2,051,094	1,022,949	714,090	314,056	155,436	59,815	58,053	37,568	10,359	3,142	4,725	2,492
Rural/small town	571,074	194,463	259,272	117,340	49,897	13,667	23,619	12,611	6,040	1,223	3,958	859

NOTE: Includes special education, vocational/technical education, and alternative schools. Includes only schools that offer first or higher grade. Excludes prekindergarten students. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Private School Universe Survey, 1999-2000." (This table was prepared September 2001.)

Table 59. Private elementary and secondary school staff and student to staff ratios, by school level, orientation of school, and type of staff: 1999–2000

Orientation of school and type of staff	Full-time-equivalent staff				Students per full-time-equivalent staff member			
	Total	Elemen- tary ¹	Sec- ondary ²	Com- bined ³	Total	Elemen- tary ¹	Secondary ²	Com- bined ³
1	2	3	4	5	6	7	8	9
Total	662,524 (15,864)	309,282	106,572	246,671	7.9 (0.07)	9.4	7.7	6.2
Principals	24,430 (414)	13,484	2,509	8,437	215.4 (4.81)	216.6	326.4	180.5
Assistant principals	10,159 (455)	4,112	2,262	3,784	518.1 (15.44)	710.2	362.1	402.5
Other managers	16,628 (612)	6,024	4,261	6,343	316.5 (7.93)	484.9	192.2	240.1
Instruction coordinators	5,446 (319)	1,973	1,212	2,261	966.4 (46.87)	1,480.4	675.7	673.7
Teachers	402,475 (10,037)	193,614	64,665	144,196	13.1 (0.09)	15.1	12.7	10.6
Teacher aides	42,877 (2,289)	20,878	1,285	20,713	122.7 (6.59)	139.9	637.1	73.5
Guidance counselors	10,477 (520)	2,972	3,404	4,100	502.3 (21.89)	982.7	240.6	371.5
Librarians/media specialists ..	10,540 (374)	5,444	1,814	3,281	499.3 (12.05)	536.5	451.3	464.2
Library/media center aides	4,990 (332)	2,488	715	1,787	1,054.8 (74.09)	1,173.7	1,145.7	852.6
Nurses	6,598 (297)	2,631	990	2,977	797.6 (30.69)	1,110.0	827.4	511.6
Student support staff ⁴	19,114 (1,264)	6,413	2,016	10,685	275.3 (18.38)	455.5	406.1	142.6
Secretaries/clerical staff	38,918 (992)	16,900	7,755	14,263	135.2 (2.21)	172.8	105.6	106.8
Food service personnel	24,397 (766)	11,251	5,048	8,098	215.7 (5.96)	259.6	162.2	188.1
Custodial and maintenance ...	36,990 (1,193)	16,780	7,075	13,135	142.3 (2.86)	174.1	115.7	116.0
Other employees ⁵	8,486 (1,053)	4,318	1,559	2,610	620.1 (75.81)	676.4	525.3	583.7
Catholic								
Total	234,928 (2,717)	153,807	64,508	16,612	10.8 (0.07)	11.8	9.6	7.4
Principals	7,317 (96)	5,822	1,094	401	348.3 (4.87)	310.9	563.1	304.7
Assistant principals	3,389 (133)	1,712	1,374	303	752.1 (28.57)	1,057.7	448.5	402.7
Other managers	4,739 (163)	1,825	2,443	471	537.9 (15.95)	991.9	252.3	259.5
Instruction coordinators	1,306 (119)	480	647	179	1,951.7 (177.42)	3,775.0	951.8	682.9
Teachers	151,594 (1,749)	98,883	41,868	10,843	16.8 (0.11)	18.3	14.7	11.3
Teacher aides	10,168 (426)	9,184	1,897	797	250.7 (11.43)	197.1	3,297.5	153.4
Guidance counselors	4,323 (198)	1,661	2,318	344	589.5 (24.15)	1,089.8	265.8	355.2
Librarians/media specialists ..	4,808 (102)	3,325	1,192	292	530.1 (10.83)	544.4	517.1	419.1
Library/media center aides	2,112 (130)	1,514	474	123	1,207.0 (77.02)	1,195.5	1,299.9	991.3
Nurses	2,246 (84)	1,684	456	105	1,134.8 (42.68)	1,074.7	1,350.7	1,159.8
Student support staff ⁴	4,493 (204)	3,337	684	473	567.3 (27.00)	542.5	901.4	258.6
Secretaries/clerical staff	13,559 (307)	7,936	4,553	1,070	188.0 (3.29)	228.1	135.3	114.2
Food service personnel	10,024 (322)	6,647	2,929	448	254.3 (7.91)	272.3	210.3	273.0
Custodial and maintenance ...	13,217 (329)	8,617	3,876	724	192.8 (3.95)	210.1	159.0	168.7
Other employees ⁵	1,634 (173)	1,181	414	39	1,560.0 (172.78)	1,533.1	1,490.0	3,103.3
Other religious orientation								
Total	237,799 (9,461)	100,215	17,750	119,834	7.9 (0.12)	8.3	6.5	7.7
Principals	11,286 (317)	5,015	676	5,595	165.9 (6.18)	165.7	170.3	165.5
Assistant principals	3,759 (262)	1,543	357	1,859	498.0 (26.71)	538.7	322.3	497.9
Other managers	5,821 (373)	2,214	764	2,842	321.6 (15.01)	375.4	150.5	325.7
Instruction coordinators	1,837 (126)	719	187	930	1,019.0 (66.66)	1,155.2	614.0	995.2
Teachers	152,335 (6,417)	63,722	10,893	77,720	12.3 (0.17)	13.0	10.6	11.9
Teacher aides	11,029 (720)	5,896	102	5,031	169.7 (9.55)	141.0	1,126.4	184.0
Guidance counselors	3,034 (214)	651	560	1,822	617.0 (41.20)	1,276.1	205.3	508.0
Librarians/media specialists ..	3,558 (245)	1,546	290	1,722	526.1 (25.88)	537.5	397.0	537.6
Library/media center aides	2,058 (298)	762	138	1,158	909.3 (151.55)	1,090.7	832.1	799.3
Nurses	1,641 (114)	614	155	872	1,141.0 (71.34)	1,354.2	743.1	1,061.6
Student support staff ⁴	4,090 (596)	1,757	335	1,998	457.7 (79.87)	473.1	342.9	463.3
Secretaries/clerical staff	14,420 (679)	5,645	1,276	7,499	129.8 (3.50)	147.2	90.1	123.5
Food service personnel	7,649 (461)	2,988	715	3,946	244.7 (12.40)	278.1	161.0	234.6
Custodial and maintenance ...	12,187 (576)	5,344	1,221	5,622	153.6 (5.56)	155.5	94.2	164.7
Other employees ⁵	3,096 (483)	1,799	81	1,216	604.7 (85.12)	462.0	1,411.9	761.6
Non-sectarian								
Total	189,798 (9,078)	55,260	24,313	110,225	4.4 (0.16)	5.1	3.6	4.3
Principals	5,827 (268)	2,647	739	2,441	144.5 (10.10)	105.5	118.7	194.7
Assistant principals	3,011 (315)	858	531	1,622	279.7 (18.70)	325.5	165.2	293.0
Other managers	6,069 (344)	1,985	1,054	3,030	138.8 (8.84)	140.7	83.2	156.9
Instruction coordinators	2,303 (248)	774	377	1,152	365.7 (33.06)	360.9	232.6	412.6
Teachers	98,546 (5,271)	31,009	11,904	55,633	8.5 (0.21)	9.0	7.4	8.5
Teacher aides	21,680 (2,074)	5,799	996	14,885	38.9 (4.44)	48.2	88.0	31.9
Guidance counselors	3,120 (370)	660	526	1,934	270.0 (31.16)	423.3	166.8	245.7
Librarians/media specialists ..	2,174 (155)	573	333	1,268	387.5 (21.85)	487.6	263.4	374.9
Library/media center aides	820 (87)	212	103	505	1,027.8 (89.82)	1,317.1	855.8	941.2
Nurses	2,712 (251)	333	379	2,000	310.6 (29.93)	838.5	231.6	237.6
Student support staff ⁴	10,530 (1,056)	1,319	997	8,214	80.0 (8.55)	211.7	88.0	57.9
Secretaries/clerical staff	10,939 (509)	3,318	1,926	5,694	77.0 (4.55)	84.2	45.5	83.5
Food service personnel	6,724 (547)	1,616	1,404	3,704	125.3 (10.86)	172.8	62.5	128.3
Custodial and maintenance ...	11,587 (882)	2,819	1,978	6,789	72.7 (3.43)	99.1	44.3	70.0
Other employees ⁵	3,757 (891)	1,338	1,064	1,355	224.2 (66.13)	208.7	82.4	350.9

¹ Includes schools beginning with grade 6 or below and with no grade higher than 8.
² Schools with no grade lower than 7.
³ Schools with grades lower than 7 and higher than 8.
⁴ Includes student support services professional staff, such as school psychologists, social workers, occupational therapists, and speech therapists.
⁵ Includes health and other non-instructional aides, and other employees not identified by function.

NOTE: Data are based upon a sample survey and may not be strictly comparable with data reported elsewhere. Excludes prekindergarten students from calculations. Includes only schools that offer first or higher grade. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Private School Questionnaire," 1999–2000. (This table was prepared September 2002.)

Table 60. Private elementary and secondary enrollment and schools, by level, orientation of school, and amount of tuition: 1999–2000

School orientation and tuition	Kindergarten through 12th-grade enrollment ¹					Schools					Average tuition paid by students ²					
	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined
Total	5,262,849 (\$1,001)	2,920,685 (\$5,056)	818,924 (\$4,102)	1,523,240 (\$8,816)	27,223 (239)	16,582 (278)	2,583 (126)	8,078 (276)	\$4,689 (\$254)	\$3,267 (\$128)	\$6,053 (\$1,529)	\$4,689 (\$254)	\$3,267 (\$128)	\$6,053 (\$1,529)	\$6,779 (\$798)	
Catholic	2,548,710 (23,352)	1,810,329 (18,134)	616,195 (25,935)	122,187 (15,613)	7,934 (41)	6,534 (68)	1,099 (56)	300 (28)	3,236 (440)	2,451 (109)	4,845 (254)	3,236 (440)	2,451 (109)	4,845 (254)	6,780 (1,160)	
Less than \$1,000	96,005 (11,831)	90,239 (11,668)	(3) (3)	(3) (3)	637 (71)	599 (70)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
\$1,000 to \$2,499	896,722 (35,364)	864,768 (34,819)	(3) (3)	(3) (3)	3,372 (130)	3,234 (130)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
\$2,500 to \$4,999	1,187,064 (38,300)	811,753 (36,781)	340,114 (13,927)	(3) (3)	3,290 (115)	2,595 (117)	610 (29)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
\$5,000 or more	343,100 (25,947)	(3) (3)	248,441 (22,456)	(3) (3)	635 (53)	(3) (3)	390 (43)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
Other religious	1,871,851 (86,781)	831,062 (41,035)	115,008 (10,980)	925,780 (66,926)	12,518 (271)	6,614 (231)	718 (76)	5,186 (243)	4,063 (937)	3,503 (609)	6,536 (788)	4,063 (937)	3,503 (609)	6,536 (788)	4,260 (1,240)	
Less than \$1,000	46,076 (9,241)	21,441 (4,698)	(3) (3)	(3) (3)	1,073 (187)	656 (175)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
\$1,000 to \$2,499	470,294 (35,589)	206,454 (31,093)	(3) (3)	256,317 (22,430)	5,160 (293)	2,317 (196)	(3) (3)	2,753 (242)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
\$2,500 to \$4,999	974,322 (66,674)	482,069 (27,490)	44,830 (7,544)	447,424 (59,108)	4,971 (223)	3,072 (174)	249 (38)	1,649 (139)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
\$5,000 or more	347,241 (30,691)	108,075 (12,268)	54,962 (8,719)	184,204 (21,425)	1,314 (68)	569 (73)	301 (32)	444 (55)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
Non-sectarian	842,288 (61,373)	279,294 (28,987)	87,721 (11,774)	475,273 (43,377)	5,135 (156)	2,781 (153)	586 (90)	1,769 (151)	10,992 (928)	7,884 (1,728)	14,638 (1,279)	10,992 (928)	7,884 (1,728)	14,638 (1,279)	12,363 (3,043)	
Less than \$1,000	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
\$1,000 to \$2,499	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
\$2,500 to \$4,999	123,021 (15,855)	61,568 (10,615)	(3) (3)	330,597 (15,481)	1,384 (184)	1,084 (200)	(3) (3)	1,431 (129)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
\$5,000 or more	594,785 (41,506)	193,555 (30,243)	70,634 (10,962)	89,057 (15,481)	3,302 (202)	1,350 (149)	521 (94)	1,431 (129)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	
Not reported/missing	137,927 —	37,752 —	11,118 —	89,057 —	1,637 —	634 —	180 —	823 —	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	(3) (3)	

—Not available.
¹Only includes kindergarten students who attend schools that offer first or higher grade.
²Tuition weighted by the number of students enrolled in schools.
³Too few sample cases (fewer than 30 schools) for reliable estimates.
 NOTE: Data are based upon a sample survey and may not be strictly comparable with data reported elsewhere.
 Elementary schools have grade 6 or lower and no grade higher than 8. Secondary schools have no grade lower than 7 and higher than 8. Excludes prekindergarten students. Detail may not sum to totals due to rounding and missing values in cells with too few sample sizes. Standard errors appear in parentheses.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Private School Questionnaire," 1999–2000. (This table was prepared in June 2002.)

**Table 61. Summary statistics on Catholic elementary and secondary schools, by level:
Selected years, 1919–20 to 2002–03**

School year	Number of schools			Enrollment			Instructional staff		
	Total	Elementary	Secondary	Total	Elementary	Secondary	Total	Elementary	Secondary
1	2	3	4	5	6	7	8	9	10
1919–20	8,103	6,551	1,552	1,925,521	1,795,673	129,848	¹ 49,516	¹ 41,592	¹ 7,924
1929–30	10,046	7,923	2,123	2,464,467	2,222,598	241,869	¹ 72,552	¹ 58,245	¹ 14,307
1939–40	10,049	7,944	2,105	2,396,305	2,035,182	361,123	¹ 81,057	¹ 60,081	¹ 20,976
1949–50	10,778	8,589	2,189	3,066,387	2,560,815	505,572	¹ 94,295	¹ 66,525	¹ 27,770
Fall 1960	12,893	10,501	2,392	5,253,791	4,373,422	880,369	¹ 151,902	¹ 108,169	¹ 43,733
1969–70	11,352	9,366	1,986	4,367,000	3,359,000	1,008,000	² 195,400	² 133,200	² 62,200
1970–71	11,350	9,370	1,980	4,363,566	3,355,478	1,008,088	166,208	112,750	53,458
1974–75	10,127	8,437	1,690	3,504,000	2,602,000	902,000	150,179	100,011	50,168
1975–76	9,993	8,340	1,653	3,415,000	2,525,000	890,000	149,276	99,319	49,957
1979–80	9,640	8,100	1,540	3,139,000	2,293,000	846,000	147,294	97,724	49,570
1980–81	9,559	8,043	1,516	3,106,000	2,269,000	837,000	145,777	96,739	49,038
1981–82	9,494	7,996	1,498	3,094,000	2,266,000	828,000	146,172	96,847	49,325
1982–83	9,432	7,950	1,482	3,007,189	2,211,412	795,777	146,460	97,337	49,123
1983–84	9,401	7,937	1,464	2,969,000	2,179,000	790,000	146,913	98,591	48,322
1984–85	9,325	7,876	1,449	2,903,000	2,119,000	784,000	149,888	99,820	50,068
1985–86	9,220	7,790	1,430	2,821,000	2,061,000	760,000	146,594	96,741	49,853
1986–87	9,102	7,693	1,409	2,726,000	1,998,000	728,000	141,930	93,554	48,376
1987–88	8,992	7,601	1,391	2,623,031	1,942,148	680,883	139,887	93,199	46,688
1988–89	8,867	7,505	1,362	2,551,119	1,911,911	639,208	137,700	93,154	44,546
1989–90	8,719	7,395	1,324	2,589,000	1,983,000	606,000	136,900	94,197	42,703
1990–91	8,587	7,291	1,296	2,475,439	1,883,906	591,533	131,198	91,039	40,159
1991–92	8,508	7,239	1,269	2,442,924	1,856,302	586,622	153,334	109,084	44,250
1992–93	8,423	7,174	1,249	2,444,842	1,860,937	583,905	154,816	109,825	44,991
1993–94	8,345	7,114	1,231	2,444,609	1,859,947	584,662	157,201	112,199	45,002
1994–95	8,293	7,055	1,238	2,475,207	1,877,782	597,425	³ 164,219	³ 117,620	³ 46,599
1995–96	8,250	7,022	1,228	2,491,111	1,884,461	606,650	³ 166,759	³ 118,753	³ 48,006
1996–97	8,231	7,005	1,226	2,497,198	1,885,037	612,161	³ 153,276	³ 107,548	³ 45,728
1997–98	8,223	7,004	1,219	2,497,894	1,879,737	618,157	³ 152,259	³ 105,717	³ 46,542
1998–99	8,217	6,990	1,227	2,496,488	1,876,211	620,277	³ 153,081	³ 105,943	³ 47,138
1999–2000	8,144	6,923	1,221	2,500,416	1,877,236	623,180	³ 157,134	³ 109,404	³ 47,730
2000–01	8,146	6,920	1,226	2,647,301	2,004,037	643,264	³ 160,731	³ 111,937	³ 48,794
2001–02	8,114	6,886	1,228	2,616,330	1,971,627	644,703	³ 155,658	³ 108,485	³ 47,173
2002–03	8,000	6,785	1,215	2,553,277	1,906,870	646,407	³ 163,004	³ 112,884	³ 50,120

¹ Includes part-time teachers.² Includes estimates for the nonreporting schools.³ Full-time equivalent.

NOTE: Data collected by the National Catholic Educational Association and data collected by the National Center for Education Statistics are not directly comparable because survey procedures and definitions differ. Excludes prekindergarten enrollment. Some data have been revised from previously published figures.

SOURCE: National Catholic Educational Association, *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967–68 to 1969–70*, as compiled from the Official Catholic Directory (Copyright © 1970 by the National Catholic Educational Association); *Catholic Schools in America* (1978 edition, Copyright © 1978 by the Franklin Press); and *United States Catholic Elementary and Secondary Schools, 1989–90, 1990–91, 1991–92, 1992–93, 1993–94, 1994–95, 1995–96, 1996–97, 1997–98, 1998–99, 1999–2000, 2000–2001, 2001–2002, and 2002–03* (Copyright © 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, and 2003 by the National Catholic Educational Association. All rights reserved.) (This table was prepared September 2003.)

Table 62. Private elementary and secondary schools, enrollment, teachers, and high school graduates, by state: 1991 to 1999

State	Schools		Enrollment ¹								Teachers		High school graduates	
	1999 ²	Stand-ard error	Fall 1991		Fall 1993		Fall 1997		Fall 1999		Fall 1999	Stand-ard error	1998-99	Stand-ard error
			Enroll-ment	Stand-ard error	Enroll-ment	Stand-ard error	Enroll-ment	Stand-ard error	Enroll-ment	Stand-ard error				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States³ ...	27,223	238.6	4,889,545	26,471	4,836,442	12,875	5,076,118	15,549	5,162,684	25,410	395,317	2,881	273,025	2,054
Alabama	374	21.6	69,441	8,390	72,630	4,724	72,486	682	73,352	2,527	5,934	170	4,324	194
Alaska	69	1.6	5,520	543	5,884	0	6,253	220	6,172	63	572	51	245	8
Arizona	276	4.4	39,460	(4)	41,957	0	44,991	652	44,060	428	3,319	63	2,399	39
Arkansas	192	14.0	22,792	(4)	29,011	3,995	26,645	290	26,424	1,233	2,075	90	1,320	86
California	3,318	27.8	613,068	16,643	569,062	1,987	609,506	3,730	619,067	1,533	43,159	503	28,097	253
Colorado	339	5.5	57,352	11,374	53,732	7,798	52,563	1,109	52,142	397	4,353	115	2,470	79
Connecticut	348	5.7	67,374	(4)	70,198	1,875	69,293	494	70,058	224	6,879	87	5,141	142
Delaware	96	2.7	22,803	(4)	22,308	0	24,193	911	22,779	303	1,784	28	1,151	18
District of Columbia ...	89	4.4	17,776	322	15,854	0	16,671	155	16,690	701	1,898	31	1,231	83
Florida	1,545	79.1	205,600	2,988	233,743	3,789	273,628	2,359	290,872	8,152	22,929	776	12,866	279
Georgia	592	31.4	96,683	4,078	97,726	3,586	107,065	1,477	116,407	4,157	10,677	591	6,819	317
Hawaii	130	1.5	36,306	(4)	30,537	0	33,300	350	32,193	169	2,475	23	2,533	31
Idaho	94	2.0	6,644	(4)	8,019	0	9,635	203	10,209	96	790	29	459	8
Illinois	1,354	11.8	301,374	1,158	293,038	794	298,620	1,101	299,871	1,365	19,589	142	16,652	122
Indiana	677	13.9	99,450	7,004	91,986	0	105,358	1,836	105,533	1,461	7,362	198	4,597	133
Iowa	265	4.8	51,431	(4)	50,602	211	50,138	520	49,565	446	3,545	46	2,693	69
Kansas	237	16.7	35,077	(4)	37,045	0	40,573	363	43,113	1,731	3,166	158	2,071	64
Kentucky	368	17.0	65,990	(4)	58,058	0	70,731	413	75,084	1,927	5,478	193	3,997	191
Louisiana	434	12.8	139,248	(4)	145,512	4,036	141,633	696	138,135	1,982	9,206	113	8,716	296
Maine	139	4.6	14,854	(4)	16,999	0	17,187	292	18,287	133	1,760	51	2,050	43
Maryland	701	36.9	113,774	(4)	112,481	0	129,898	937	144,131	4,700	12,152	288	7,596	329
Massachusetts	694	13.1	125,006	3,419	126,744	1,362	127,165	1,163	132,154	506	12,497	149	9,632	192
Michigan	1,012	13.9	187,095	710	187,741	0	187,740	1,538	179,579	1,554	11,771	179	9,114	167
Minnesota	530	8.7	93,404	2,401	86,051	0	90,400	918	92,795	1,047	6,467	129	4,010	114
Mississippi	207	9.1	58,757	1,377	58,655	1,564	54,529	457	51,369	1,357	3,884	106	3,649	159
Missouri	576	7.2	116,440	1,884	117,466	616	119,534	964	122,387	1,076	9,105	114	6,851	170
Montana	90	2.0	9,644	(4)	9,111	0	8,341	220	8,711	88	740	37	395	23
Nebraska	237	4.2	39,673	(4)	39,564	0	40,943	320	42,141	415	2,963	67	2,303	74
Nevada	80	1.3	8,482	(4)	10,723	0	12,847	241	13,926	81	973	24	639	6
New Hamp-shire	171	5.7	18,712	1,330	18,386	0	21,143	297	23,383	193	2,208	72	1,894	46
New Jersey	905	14.1	209,913	8,195	195,921	0	205,126	1,535	198,631	785	15,496	198	11,072	339
New Mexico ...	182	3.5	23,236	(4)	20,007	0	19,251	534	23,055	195	1,992	73	1,361	46
New York	1,981	22.0	498,668	7,158	473,119	4,776	467,520	1,821	475,942	1,227	37,190	404	26,314	338
North Carolina	588	37.1	63,255	5,224	69,000	1,803	88,127	1,260	96,262	3,775	8,962	422	4,256	160
North Dakota ..	55	1.3	7,518	(4)	7,577	0	7,332	72	7,148	97	545	12	448	20
Ohio	974	11.2	269,064	13,362	246,805	3,480	251,543	1,528	254,494	1,694	16,165	134	13,394	173
Oklahoma	179	11.0	34,025	9,317	25,837	3,584	25,837	345	31,276	1,049	2,727	83	1,635	49
Oregon	347	12.4	30,918	1,003	34,092	0	44,290	1,364	45,352	1,287	3,473	92	2,376	75
Pennsylvania ..	1,964	51.8	359,440	6,920	342,298	4,260	343,191	4,401	339,484	2,954	24,453	848	18,002	414
Rhode Island ..	127	3.0	21,242	(4)	23,153	0	25,597	195	24,738	127	1,961	26	1,404	56
South Carolina	326	19.0	46,086	2,013	51,600	1,819	56,169	700	55,612	2,506	4,912	281	2,915	202
South Dakota	83	2.6	10,539	(4)	9,575	0	9,794	143	9,364	232	743	24	442	19
Tennessee	533	39.9	82,969	2,953	84,538	2,909	84,651	746	93,680	3,519	7,921	265	6,717	162
Texas	1,281	52.6	170,670	472	211,337	7,591	223,294	1,703	227,645	7,260	19,777	410	9,988	353
Utah	78	1.4	9,836	(4)	9,793	0	12,653	201	12,614	114	1,091	29	792	42
Vermont	122	4.9	8,351	(4)	9,107	0	10,823	196	12,170	199	1,361	65	1,273	57
Virginia	582	34.2	80,887	1,872	84,438	4,584	98,307	1,071	100,171	4,171	9,389	248	5,010	178
Washington	494	8.8	66,556	2,798	70,205	1,858	76,956	1,462	76,885	519	5,697	144	3,262	48
West Virginia ..	151	11.8	12,908	(4)	13,539	0	14,640	225	15,895	974	1,486	151	883	96
Wisconsin	991	16.6	142,339	220	141,762	0	143,577	1,748	139,455	1,828	10,025	241	5,525	168
Wyoming	41	1.4	1,840	(4)	1,919	0	2,593	110	2,221	45	241	28	41	5

¹ Excludes prekindergarten enrollment.

² The estimates for 1999 were computed using a different procedure from that used prior to 1997-98.

³ NCES employed an area frame sample to account for noninclusion of schools at the national level. However, caution should be exercised in interpreting state by state characteristics since the samples were not designed to produce such numbers.

⁴ Insufficient data to compute a standard error.

NOTE: Includes special education, vocational/technical education, and alternative schools. Standard errors for states are root mean squared errors to correct for bias in model based estimates. Tabulation includes only schools that offer first or higher grade. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Private School Universe Survey, 1999-2000;" and *Indirect State-Level Estimation for the Private School Survey, 1999*. (This table was prepared August 2001.)

Table 63. Public elementary and secondary pupil to teacher ratios, by enrollment size, type, and level of school: Fall 1987 to fall 2001

Enrollment size, type, and level of school	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
All schools	17.9	17.9	17.9	17.4	17.6	17.7	17.8	17.7	17.8	17.6	17.2	16.9	16.6	16.4	16.3
Under 300	14.6	14.8	14.6	14.0	14.1	14.1	14.3	14.1	14.1	14.0	13.7	13.6	13.3	13.1	12.9
300 to 499	17.6	17.7	17.6	17.0	17.1	17.0	17.3	17.2	17.1	16.9	16.5	16.2	15.8	15.5	15.4
500 to 999	18.5	18.4	18.5	18.0	18.1	18.1	18.2	18.1	18.2	17.9	17.5	17.1	16.8	16.7	16.5
1,000 to 1,499	18.5	18.3	18.5	17.9	18.2	18.6	18.5	18.6	18.7	18.5	18.1	17.7	17.6	17.4	17.4
1,500 or more	19.4	20.1	19.4	19.2	19.6	20.0	19.7	19.9	20.0	20.0	19.7	19.3	19.3	19.1	19.0
Regular schools	18.1	18.0	18.1	17.6	17.7	17.8	17.9	17.8	17.9	17.7	17.3	17.0	16.7	16.5	16.4
Alternative	16.0	14.8	16.0	14.2	15.8	16.5	17.4	18.0	16.6	16.6	16.5	16.4	15.8	15.2	14.9
Special education	6.2	6.9	6.2	6.5	6.8	7.0	7.4	6.9	7.2	7.4	7.6	7.3	7.2	7.0	6.4
Vocational	13.0	—	13.0	13.0	12.3	13.0	13.1	12.9	12.7	12.9	12.9	13.1	13.0	12.7	12.7
Elementary schools	18.6	18.6	18.6	18.1	18.2	18.1	18.2	18.0	18.1	17.8	17.4	17.0	16.7	16.5	16.3
Regular	18.7	18.7	18.7	18.2	18.2	18.1	18.3	18.0	18.1	17.9	17.4	17.0	16.7	16.5	16.3
Under 300	16.6	16.7	16.6	16.0	16.1	15.9	16.0	15.7	15.7	15.6	15.3	15.1	14.6	14.4	14.1
300 to 499	18.3	18.3	18.3	17.6	17.6	17.5	17.7	17.5	17.5	17.2	16.8	16.4	16.1	15.8	15.6
500 to 999	19.4	19.4	19.4	18.8	18.8	18.7	18.8	18.5	18.6	18.3	17.8	17.4	17.1	16.9	16.8
1,000 to 1,499	20.1	20.0	20.1	19.5	19.6	19.7	19.7	19.6	19.7	19.4	18.8	18.4	18.3	18.1	18.0
1,500 or more	19.5	18.9	19.5	19.9	20.9	20.3	21.2	20.4	20.9	21.2	20.7	19.9	20.0	20.5	20.2
Secondary schools	17.2	17.2	17.2	16.6	16.9	17.3	17.3	17.5	17.6	17.5	17.3	17.0	16.8	16.6	16.6
Regular	17.3	17.1	17.3	16.7	17.0	17.4	17.4	17.6	17.7	17.6	17.4	17.1	16.9	16.7	15.5
Under 300	12.4	12.7	12.4	12.3	12.3	12.3	12.6	12.7	12.8	12.7	12.5	12.5	12.0	12.0	11.9
300 to 499	15.5	15.4	15.5	14.9	15.1	15.3	15.5	15.7	15.7	15.5	15.3	15.1	14.6	14.5	14.4
500 to 999	16.8	16.6	16.8	16.1	16.4	16.7	16.7	16.8	16.9	16.7	16.4	16.2	16.0	15.8	11.2
1,000 to 1,499	17.9	17.7	17.9	17.2	17.5	17.9	17.8	17.9	18.0	17.9	17.5	17.2	17.1	16.8	16.8
1,500 or more	19.5	19.5	19.5	19.3	19.6	20.0	19.6	19.9	20.0	20.0	19.7	19.3	19.2	18.9	18.8
Combined schools	15.5	15.9	15.5	14.5	15.0	14.8	15.3	15.1	15.0	14.7	14.4	13.4	13.4	13.7	13.4
Under 300	9.5	9.8	9.5	8.9	9.3	9.3	9.6	9.3	9.0	8.7	8.6	8.9	9.1	9.2	9.1
300 to 499	14.4	15.3	14.4	14.2	14.3	14.4	14.8	14.4	14.7	14.3	14.0	13.6	13.8	13.5	13.1
500 to 999	17.6	17.1	17.6	16.3	16.7	15.6	16.5	16.6	16.6	16.6	16.2	15.5	14.9	15.8	15.6
1,000 to 1,499	19.0	18.5	19.0	17.8	17.9	18.6	18.6	18.3	18.2	18.4	18.0	16.9	16.9	17.5	18.1
1,500 or more	18.8	18.8	18.8	17.7	18.6	18.9	18.8	19.5	19.6	19.3	19.3	18.7	19.2	18.6	18.9
Ungraded	5.9	6.8	5.9	6.4	6.5	6.9	7.1	6.7	6.9	5.9	6.2	5.9	5.3	7.0	6.3

—Not available.

may differ from data reported in other tables that reflect aggregate totals reported by states.

NOTE: Pupil/teacher ratios are based on data reported by types of schools rather than by instructional programs within schools. Only includes schools that reported both enrollment and teacher data. Ratios are based on data reported for schools by states and

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1987–88 through 2001–02. (This table was prepared August 2003.)

Table 64. Public and private elementary and secondary teachers, enrollment, and pupil to teacher ratios: Selected years, fall 1955 to fall 2002

Year	Elementary and secondary teachers, in thousands			Elementary and secondary enrollment, in thousands			Elementary and secondary pupil/teacher ratio		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8	9	10
1955	1,286	1,141	¹ 145	35,280	30,680	¹ 4,600	27.4	26.9	¹ 31.7
1960	1,600	1,408	¹ 192	42,181	36,281	¹ 5,900	26.4	25.8	¹ 30.7
1965	1,933	1,710	223	48,473	42,173	6,300	25.1	24.7	28.3
1970	2,292	2,059	233	51,257	45,894	5,363	22.4	22.3	23.0
1971	2,293	2,063	¹ 230	51,271	46,071	¹ 5,200	22.4	22.3	¹ 22.6
1972	2,337	2,106	¹ 231	50,726	45,726	¹ 5,000	21.7	21.7	¹ 21.6
1973	2,372	2,136	¹ 236	50,446	45,446	¹ 5,000	21.3	21.3	¹ 21.2
1974	2,410	2,165	¹ 245	50,073	45,073	¹ 5,000	20.8	20.8	¹ 20.4
1975	2,453	2,198	¹ 255	49,819	44,819	¹ 5,000	20.3	20.4	¹ 19.6
1976	2,457	2,189	268	49,478	44,311	5,167	20.1	20.2	19.3
1977	2,488	2,209	279	48,717	43,577	5,140	19.6	19.7	18.4
1978	2,479	2,207	272	47,635	42,550	5,085	19.2	19.3	18.7
1979	2,461	2,185	¹ 276	46,651	41,651	¹ 5,000	19.0	19.1	¹ 18.1
1980	2,485	2,184	301	46,208	40,877	5,331	18.6	18.7	17.7
1981	2,440	2,127	¹ 313	45,544	40,044	¹ 5,500	18.7	18.8	¹ 17.6
1982	2,458	2,133	¹ 325	45,165	39,566	¹ 5,600	18.4	18.6	¹ 17.2
1983	2,476	2,139	337	44,967	39,252	5,715	18.2	18.4	17.0
1984	2,508	2,168	¹ 340	44,908	39,208	¹ 5,700	17.9	18.1	¹ 16.8
1985	2,549	2,206	343	44,979	39,422	5,557	17.6	17.9	16.2
1986	2,592	2,244	¹ 348	45,205	39,753	¹ 5,452	17.4	17.7	¹ 15.7
1987	2,631	2,279	352	45,487	40,008	5,479	17.3	17.6	15.6
1988	2,668	2,323	¹ 345	45,430	40,189	¹ 5,242	17.0	17.3	¹ 15.2
1989	2,734	2,357	377	45,741	40,543	5,198	16.7	17.2	13.8
1990	2,753	2,398	¹ 355	46,451	41,217	¹ 5,234	16.9	17.2	¹ 14.7
1991	2,787	2,432	355	47,322	42,047	5,275	17.0	17.3	14.9
1992	2,822	2,459	¹ 363	48,145	42,823	¹ 5,322	17.1	17.4	¹ 14.7
1993	2,870	2,504	366	48,813	43,465	5,348	17.0	17.4	14.6
1994	2,926	2,552	¹ 374	49,609	44,111	¹ 5,498	17.0	17.3	¹ 14.7
1995	2,978	2,598	380	50,502	44,840	5,662	17.0	17.3	14.9
1996	3,054	2,667	¹ 387	51,375	45,611	¹ 5,764	16.8	17.1	¹ 14.9
1997	3,134	2,746	388	51,968	46,127	5,841	16.6	16.8	15.1
1998	3,221	2,830	¹ 391	52,476	46,539	¹ 5,937	16.3	16.4	¹ 15.2
1999	3,306	2,911	395	52,875	46,857	6,018	16.0	16.1	15.2
2000	3,332	2,941	¹ 390	53,366	47,204	¹ 6,162	16.0	16.0	¹ 15.8
2001	3,388	2,998	390	53,890	47,688	¹ 6,202	15.9	15.9	¹ 15.9
2002 ²	3,369	2,983	385	54,158	47,918	6,241	16.1	16.1	16.2

¹ Estimated.² Projected.

NOTE: Data for teachers are expressed in full-time equivalents. Data for private schools includes kindergarten and a relatively small number of nursery school teachers and students. Ratios for public schools reflect totals reported by states and differ from totals reported for schools by states or school districts. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools, 1955–56 through 1984–85*; The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1985–86 through 2001–02 surveys; and *Projections of Education Statistics to 2013*. (This table was prepared October 2003.)

Table 65. Public elementary and secondary teachers, by state or jurisdiction: Fall 1996 to fall 2001

State or jurisdiction	Fall 1996	Fall 1997	Fall 1998	Fall 1999	Fall 2000 ¹				Fall 2001			
					Total	Elementary	Secondary	Un-classified	Total	Elementary	Secondary	Un-classified
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	² 2,667,419	² 2,746,157	² 2,830,286	² 2,910,633	² 2,941,461	² 1,663,202	1,051,651	226,608	² 2,997,748	² 1,686,336	1,078,501	232,911
Alabama	² 45,035	² 45,967	² 47,766	² 48,624	² 48,194	² 27,927	20,267	0	² 46,796	² 27,498	19,298	0
Alaska	7,418	7,625	8,118	7,838	7,880	5,115	2,765	0	8,026	5,184	2,842	0
Arizona	40,521	41,129	42,352	43,892	44,438	31,916	12,522	0	46,015	32,982	13,033	0
Arkansas	² 26,681	² 26,931	27,953	31,362	31,947	13,941	13,665	4,341	33,079	12,427	15,678	4,974
California	² 248,818	² 268,535	² 281,784	² 287,433	² 298,021	² 215,135	76,098	6,788	² 304,296	² 226,808	77,488	0
Colorado	36,398	37,840	39,434	40,772	41,983	21,409	20,574	0	44,182	22,581	21,601	0
Connecticut	36,551	37,658	38,772	39,907	41,044	24,104	11,944	4,996	41,773	24,383	12,305	5,085
Delaware	6,642	6,850	7,074	7,318	7,469	3,781	3,688	0	7,571	3,778	3,793	0
District of Columbia	5,288	4,388	5,187	² 4,812	4,949	3,152	1,248	549	4,951	2,612	1,599	740
Florida	120,471	124,473	126,796	130,336	132,030	57,742	51,028	23,260	134,684	58,240	52,204	24,240
Georgia	81,795	86,244	88,658	90,638	91,043	53,034	38,009	0	92,732	53,850	38,882	0
Hawaii	10,576	10,653	10,639	10,866	10,927	5,984	4,896	47	11,007	5,971	5,000	36
Idaho	13,078	13,207	13,426	13,641	13,714	6,981	6,733	0	13,854	7,077	6,777	0
Illinois	116,274	118,734	121,758	124,815	127,620	76,483	31,727	19,410	129,600	77,508	32,161	19,931
Indiana	56,708	57,371	58,084	58,864	59,226	30,840	25,683	2,703	59,659	31,154	25,782	2,723
Iowa	32,593	32,700	32,822	33,480	34,636	20,994	12,368	1,274	34,906	21,376	12,479	1,051
Kansas	30,875	31,527	32,003	32,969	32,742	14,628	14,680	3,434	33,084	14,774	14,791	3,519
Kentucky	39,331	40,488	40,803	41,954	39,589	21,542	11,750	6,297	40,376	17,404	15,947	7,025
Louisiana	47,334	48,599	49,124	50,031	49,915	34,775	14,797	344	49,980	34,983	14,742	255
Maine	15,551	15,700	15,890	16,349	16,559	11,232	5,327	0	16,741	11,318	5,423	0
Maryland	47,943	48,318	49,840	50,995	52,433	31,518	20,915	0	53,774	32,312	21,462	0
Massachusetts	64,574	67,170	69,752	77,596	67,432	31,216	30,300	5,916	68,942	24,203	33,655	11,084
Michigan	88,051	90,529	93,220	96,094	97,031	41,410	43,234	12,387	98,849	42,119	44,028	12,702
Minnesota	48,245	51,998	54,449	56,010	53,457	27,950	25,507	0	53,081	27,698	25,364	19
Mississippi	29,293	29,441	31,140	30,722	31,006	15,573	10,126	5,307	31,214	15,668	11,088	4,458
Missouri	59,428	60,889	62,449	63,890	64,735	32,740	31,385	610	65,240	33,088	31,659	493
Montana	10,268	10,228	10,221	10,353	10,411	7,097	3,314	0	10,408	6,972	3,436	0
Nebraska	20,174	20,065	20,310	20,766	20,983	12,513	8,365	105	21,083	12,563	8,350	170
Nevada	14,805	16,053	16,415	17,380	18,293	9,453	6,691	2,150	19,276	9,705	6,937	2,634
New Hampshire	12,692	12,931	13,290	14,037	14,341	9,982	4,359	0	14,677	10,184	4,493	0
New Jersey	87,642	89,671	92,264	95,883	99,061	56,149	27,554	15,358	103,611	59,053	28,172	16,386
New Mexico	19,971	19,647	19,981	19,797	21,042	11,968	4,777	4,298	21,823	12,623	4,837	4,363
New York	185,104	190,874	197,253	202,078	206,961	107,900	68,649	30,412	209,128	108,333	69,480	31,315
North Carolina	75,239	77,785	79,531	81,914	83,680	50,752	29,357	3,571	85,684	51,491	29,999	4,194
North Dakota	7,892	8,070	7,974	8,150	8,141	4,862	3,279	0	8,035	4,761	3,274	0
Ohio	108,515	110,761	113,984	116,200	118,361	79,212	38,971	178	122,115	81,453	40,497	165
Oklahoma	39,568	40,215	40,876	41,498	41,318	19,429	17,707	4,182	41,632	19,468	17,863	4,301
Oregon	26,757	26,935	27,152	27,803	28,094	15,033	8,229	4,832	28,402	15,122	8,068	5,212
Pennsylvania	106,432	108,014	111,065	114,525	116,963	53,774	48,018	15,171	118,470	54,076	48,595	15,799
Rhode Island	10,656	10,598	11,124	11,041	10,645	4,634	4,405	1,606	11,104	4,677	4,657	1,770
South Carolina	41,463	42,336	43,689	45,468	45,380	32,377	12,835	168	46,617	32,728	13,158	731
South Dakota	9,625	9,282	9,273	9,384	9,397	5,714	2,650	1,034	9,370	5,702	2,646	1,022
Tennessee	54,790	54,142	59,258	60,702	57,164	40,356	15,585	1,223	² 58,358	² 41,565	15,735	1,058
Texas	247,650	254,557	259,739	267,935	274,826	134,823	108,539	31,464	282,847	139,463	110,911	32,473
Utah	19,734	21,115	21,501	21,832	22,008	10,572	9,027	2,409	22,211	10,702	9,088	2,421
Vermont	7,751	7,909	8,221	8,474	8,414	3,209	3,086	2,119	8,554	3,255	3,053	2,246
Virginia	² 74,526	² 77,575	² 79,323	² 85,037	² 86,977	² 50,354	36,623	0	89,314	52,179	37,135	0
Washington	48,307	49,074	49,671	50,368	51,098	25,815	20,426	4,857	52,534	26,704	21,078	4,752
West Virginia	20,888	20,947	20,989	21,082	20,930	10,293	6,905	3,732	20,139	10,177	6,759	3,203
Wisconsin	54,769	55,732	61,176	60,778	60,165	42,591	17,574	0	60,918	43,194	17,724	0
Wyoming	6,729	6,677	6,713	6,940	6,783	3,216	3,490	77	7,026	3,190	3,475	361
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools: Overseas schools	5,000	5,227	5,171	³ 7,415	5,105	2,003	1,607	1,495	5,154	1,993	1,737	1,424
Domestic schools	—	—	—	—	2,342	1,109	509	725	2,486	1,161	520	805
Outlying areas												
American Samoa	734	762	764	801	820	582	223	15	914	641	254	19
Guam	1,552	1,363	1,052	1,809	1,975	977	998	0	1,918	839	771	308
Northern Marianas	441	483	496	488	526	308	215	3	519	308	208	3
Puerto Rico	39,743	38,953	39,781	41,349	37,620	19,976	14,449	3,195	42,906	23,954	16,469	2,483
Virgin Islands	1,580	1,559	1,567	1,528	1,511	727	733	51	—	—	—	—

—Not available.

¹ Data have been revised from previously published figures.² Includes imputations for underreporting of prekindergarten teachers.³ Includes domestic schools.

NOTE: Distribution of elementary and secondary teachers determined by reporting units. Teachers reported in full-time equivalents.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1996-97 through 2001-02. (This table was prepared July 2003.)

Table 66. Teachers, enrollment, and pupil/teacher ratios in public elementary and secondary schools, by state or jurisdiction: Fall 1996 to fall 2001

State or jurisdiction	Pupil/teacher ratio, fall 1996	Pupil/teacher ratio, fall 1997	Pupil/teacher ratio, fall 1998	Fall 1999			Fall 2000 ¹			Fall 2001		
				Teachers	Enrollment	Pupil/teacher ratio	Teachers	Enrollment	Pupil/teacher ratio	Teachers	Enrollment	Pupil/teacher ratio
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	17.1	16.8	16.4	2,910,633	246,857,149	216.1	2,941,461	247,203,539	216.0	2,997,748	247,687,871	215.9
Alabama	16.6	16.3	15.7	48,624	740,732	15.2	48,194	739,992	15.4	46,796	737,294	15.8
Alaska	17.5	17.3	16.7	7,838	134,391	17.1	7,880	133,356	16.9	8,026	134,358	16.7
Arizona	19.7	19.8	20.0	43,892	852,612	19.4	44,438	877,696	19.8	46,015	922,180	20.0
Arkansas	17.1	17.0	16.2	31,362	451,034	14.4	31,947	449,959	14.1	33,079	449,805	13.6
California	22.9	21.6	21.0	287,433	6,038,590	21.0	298,021	6,140,814	20.6	304,296	6,248,610	20.5
Colorado	18.5	18.2	17.7	40,772	708,109	17.4	41,983	724,508	17.3	44,182	742,145	16.8
Connecticut	14.4	14.2	14.0	39,907	553,993	13.9	41,044	562,179	13.7	41,773	570,228	13.7
Delaware	16.6	16.3	16.0	7,318	112,836	15.4	7,469	114,676	15.4	7,571	115,555	15.3
District of Columbia	14.9	17.6	13.9	4,812	77,194	16.0	4,949	68,925	13.9	4,951	75,392	13.9
Florida	18.6	18.4	18.4	130,336	2,381,396	18.3	132,030	2,434,821	18.4	134,684	2,500,478	18.6
Georgia	16.5	16.0	15.8	90,638	1,422,762	15.7	91,043	1,444,937	15.9	92,732	1,470,634	15.9
Hawaii	17.7	17.8	17.7	10,866	185,860	17.1	10,927	184,360	16.9	11,007	184,546	16.8
Idaho	18.8	18.5	18.2	13,641	245,136	18.0	13,714	245,117	17.9	13,854	246,521	17.8
Illinois	17.0	16.8	16.5	124,815	2,027,600	16.2	127,620	2,048,792	16.1	129,600	2,071,391	16.0
Indiana	17.3	17.2	17.0	58,864	988,702	16.8	59,226	989,267	16.7	59,659	996,133	16.7
Iowa	15.4	15.3	15.2	33,480	497,301	14.9	34,636	495,080	14.3	34,906	485,932	13.9
Kansas	15.1	14.9	14.8	32,969	472,188	14.3	32,742	470,610	14.4	33,084	470,205	14.2
Kentucky	16.7	16.5	16.1	41,954	648,180	15.4	39,589	665,850	16.8	40,376	654,363	16.2
Louisiana	16.8	16.0	15.6	50,031	756,579	15.1	49,915	743,089	16.6	49,980	731,328	16.6
Maine	13.7	13.5	13.3	16,349	209,253	12.8	16,559	207,037	12.5	16,741	205,586	12.3
Maryland	17.1	17.2	16.9	50,995	846,582	16.6	52,433	852,920	16.3	53,774	860,640	16.0
Massachusetts	14.5	14.1	13.8	77,596	971,425	12.5	67,432	975,150	14.5	68,942	973,140	14.1
Michigan	19.1	18.8	18.5	96,094	1,725,639	18.0	97,031	1,720,626	17.7	98,849	1,730,668	17.5
Minnesota	17.6	16.4	15.7	56,010	854,034	15.2	53,457	854,340	16.0	53,081	851,384	16.0
Mississippi	17.2	17.1	16.1	30,722	500,716	16.3	31,006	497,871	16.1	31,214	493,507	15.8
Missouri	15.2	15.0	14.6	63,890	914,110	14.3	64,735	912,744	14.1	65,240	909,792	13.9
Montana	16.0	15.9	15.7	10,353	157,556	15.2	10,411	154,875	14.9	10,408	151,947	14.6
Nebraska	14.5	14.6	14.3	20,766	288,261	13.9	20,983	286,199	13.6	21,083	285,095	13.5
Nevada	19.1	18.5	18.9	17,380	325,610	18.7	18,293	340,706	18.6	19,276	356,814	18.5
New Hampshire	15.6	15.6	15.4	14,037	206,783	14.7	14,341	208,461	14.5	14,677	206,847	14.1
New Jersey	14.0	13.9	13.8	95,883	1,289,256	13.4	99,061	1,313,405	13.3	103,611	1,341,656	12.9
New Mexico	16.7	16.9	16.5	19,797	324,495	16.4	21,042	320,306	15.2	21,823	320,260	14.7
New York	15.4	15.0	14.6	202,078	2,887,776	14.3	206,961	2,882,188	13.9	209,128	2,872,132	13.7
North Carolina	16.1	15.9	15.8	81,914	1,275,925	15.6	83,680	1,293,638	15.5	85,684	1,315,363	15.4
North Dakota	15.2	14.7	14.4	8,150	112,751	13.8	8,141	109,201	13.4	8,035	106,047	13.2
Ohio	17.0	16.7	16.2	116,200	1,836,554	15.8	118,361	1,835,049	15.5	122,115	1,830,985	15.0
Oklahoma	15.7	15.5	15.4	41,498	627,032	15.1	41,318	623,110	15.1	41,632	622,139	14.9
Oregon	20.1	20.1	20.0	27,803	545,033	19.6	28,094	546,231	19.4	28,402	551,480	19.4
Pennsylvania	17.0	16.8	16.4	114,525	1,816,716	15.9	116,963	1,814,311	15.5	118,470	1,821,627	15.4
Rhode Island	14.2	14.5	13.9	11,041	156,454	14.2	10,645	157,347	14.8	11,104	158,046	14.2
South Carolina	15.7	15.6	15.2	45,468	666,780	14.7	45,380	677,411	14.9	46,617	691,078	14.8
South Dakota	14.9	15.3	14.3	9,384	131,037	14.0	9,397	128,603	13.7	9,370	127,542	13.6
Tennessee	16.5	16.5	15.3	60,702	921,620	15.1	57,164	909,161	15.9	58,358	925,030	15.9
Texas	15.5	15.3	15.2	267,935	3,991,783	14.9	274,826	4,059,619	14.8	282,847	4,163,447	14.7
Utah	24.4	22.9	22.4	21,832	480,255	22.0	22,008	481,485	21.9	22,211	484,677	21.8
Vermont	13.7	13.4	12.8	8,474	104,559	12.3	8,414	102,049	12.1	8,554	101,179	11.8
Virginia	14.7	14.3	14.2	85,037	1,133,994	13.3	86,977	1,144,915	13.2	89,314	1,163,091	13.0
Washington	20.2	20.2	20.1	50,368	1,003,714	19.9	51,098	1,004,770	19.7	52,534	1,009,200	19.2
West Virginia	14.6	14.4	14.2	21,082	291,811	13.8	20,930	286,367	13.7	20,139	282,885	14.0
Wisconsin	16.1	15.8	14.4	60,778	877,753	14.4	60,165	879,476	14.6	60,918	879,361	14.4
Wyoming	14.7	14.5	14.2	6,940	92,105	13.3	6,783	89,940	13.3	7,026	88,128	12.5
Bureau of Indian Affairs	—	—	—	—	49,076	—	—	46,938	—	—	46,476	—
Department of Defense dependents schools:												
Overseas schools	16.1	15.0	15.1	7,415	108,035	14.6	5,105	73,581	14.4	5,154	73,212	14.2
Domestic schools	—	—	—	—	—	—	2,399	34,174	14.2	2,486	32,847	13.2
Outlying areas												
American Samoa	20.1	20.0	20.1	801	15,477	19.3	820	15,702	19.1	914	15,897	17.4
Guam	21.5	23.8	30.6	1,809	32,951	18.2	1,975	32,473	16.4	1,918	31,992	16.7
Northern Marianas	20.5	19.1	19.1	488	9,732	19.9	526	10,004	19.0	519	10,479	20.2
Puerto Rico	15.6	15.8	15.4	41,349	613,019	14.8	37,620	612,725	16.3	42,906	604,177	14.1
Virgin Islands	14.2	14.2	13.4	1,528	20,866	13.7	1,511	19,459	12.9	—	18,780	—

—Not available.

¹Data have been revised from previously published data.²Includes imputations for underreporting of prekindergarten teachers.³Ratio excludes 6,943 students in charter schools for which no teacher data were reported.⁴Includes domestic schools.

NOTE: Teachers reported in full-time equivalents.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1996–97 through 2001–02. (This table was prepared July 2003.)

Table 68. Highest degree earned, number of years teaching experience, and average class size for teachers in public elementary and secondary schools, by state: 1999-2000

State	Total	Percent of teachers, by highest degree earned ¹					Percent of teachers, by years of full-time teaching experience				Average class size ²	
		Bachelor's	Master's	Education specialist ³	Doctor's	Less than 3	3 to 9	10 to 20	Over 20	Elementary	Secondary	
1	2	3	4	5	6	7	8	9	10	11	12	
United States	3,002,258 (19,415)	52.0 (0.40)	41.9 (0.38)	4.7 (0.17)	0.7 (0.06)	12.9 (0.27)	28.8 (0.36)	28.5 (0.33)	29.8 (0.34)	21.1 (0.1)	23.6 (0.1)	
Alabama	50,805 (1,676)	41.2 (1.59)	51.2 (1.64)	6.8 (0.85)	0.2 (0.10)	12.7 (0.83)	28.0 (1.46)	32.3 (1.50)	26.9 (1.57)	18.6 (0.4)	22.2 (0.3)	
Alaska	8,340 (279)	59.0 (1.43)	36.9 (1.81)	2.1 (0.28)	1.1 (0.37)	15.6 (0.89)	31.0 (1.34)	34.4 (1.28)	18.9 (1.16)	20.4 (0.3)	22.9 (0.7)	
Arizona	48,557 (1,940)	50.8 (1.72)	43.3 (1.21)	4.2 (0.79)	1.1 (0.37)	16.3 (1.54)	30.2 (1.56)	31.9 (2.07)	21.6 (2.17)	24.3 (0.4)	25.2 (0.5)	
Arkansas	30,410 (807)	67.4 (1.73)	29.0 (1.63)	2.1 (0.41)	0.8 (0.19)	10.6 (1.20)	25.4 (1.71)	33.4 (1.63)	30.6 (1.51)	19.7 (0.3)	21.1 (0.7)	
California	280,036 (8,101)	61.5 (1.40)	30.3 (1.36)	6.5 (0.70)	1.2 (0.22)	15.1 (0.93)	33.9 (1.43)	28.3 (1.33)	22.7 (1.16)	22.4 (0.4)	28.5 (0.5)	
Colorado	42,352 (1,415)	45.8 (1.86)	50.0 (1.90)	2.9 (0.86)	0.8 (0.28)	15.6 (1.21)	27.7 (1.75)	27.1 (1.48)	29.6 (1.73)	23.1 (0.4)	24.6 (0.5)	
Connecticut	42,178 (1,631)	16.7 (1.04)	65.3 (1.39)	15.6 (1.06)	1.1 (0.36)	11.5 (0.94)	26.7 (1.25)	35.2 (1.38)	35.2 (1.38)	19.9 (0.3)	20.4 (0.3)	
Delaware	7,538 (911)	48.7 (2.88)	43.5 (2.47)	4.9 (1.16)	1.1 (0.50)	11.4 (2.15)	36.3 (2.06)	25.4 (2.34)	26.9 (2.83)	19.6 (0.4)	24.0 (0.8)	
District of Columbia	5,712 (129)	41.8 (1.28)	46.4 (1.43)	5.5 (0.62)	5.0 (0.76)	14.6 (1.25)	20.6 (1.44)	23.2 (1.50)	41.6 (2.19)	21.6 (0.3)	21.3 (0.4)	
Florida	128,634 (5,065)	61.0 (1.87)	33.6 (1.90)	3.0 (0.88)	1.2 (0.39)	11.6 (0.95)	30.3 (1.57)	28.8 (1.35)	29.4 (1.41)	23.3 (0.4)	26.6 (0.6)	
Georgia	88,161 (2,745)	50.1 (2.10)	37.6 (2.03)	10.8 (1.18)	0.4 (0.15)	13.0 (1.20)	33.4 (2.19)	27.6 (1.77)	26.0 (1.81)	19.8 (0.5)	24.4 (0.5)	
Hawaii	12,112 (228)	50.2 (1.91)	23.9 (1.64)	24.6 (1.62)	0.6 (0.26)	16.0 (1.45)	33.4 (1.66)	24.8 (1.88)	25.8 (1.33)	23.2 (0.3)	24.3 (0.3)	
Idaho	14,451 (208)	70.3 (0.83)	26.7 (0.82)	1.3 (0.19)	1.2 (0.20)	13.0 (0.73)	27.3 (1.00)	31.6 (0.76)	28.1 (1.08)	22.0 (0.3)	22.7 (0.3)	
Illinois	137,213 (3,797)	46.8 (2.23)	48.9 (1.82)	3.3 (0.71)	0.8 (0.30)	11.6 (1.01)	27.2 (1.38)	26.5 (1.40)	34.6 (1.63)	22.2 (0.5)	23.8 (0.3)	
Indiana	61,184 (1,325)	31.8 (1.36)	63.6 (1.39)	4.2 (0.57)	0.2 (0.10)	11.1 (1.06)	24.5 (1.50)	23.4 (1.33)	41.1 (1.81)	21.2 (0.5)	23.1 (0.3)	
Iowa	38,116 (934)	66.0 (1.77)	32.3 (1.74)	1.4 (0.41)	1.1 (0.36)	10.5 (1.00)	26.2 (1.30)	26.9 (1.39)	36.4 (1.51)	19.9 (0.4)	21.9 (0.6)	
Kansas	34,134 (790)	60.9 (1.54)	36.8 (1.57)	1.8 (0.36)	1.1 (0.36)	15.7 (1.26)	25.9 (1.71)	31.3 (1.54)	27.1 (1.31)	18.3 (0.4)	20.9 (0.6)	
Kentucky	42,879 (1,134)	27.5 (1.72)	54.0 (2.09)	16.9 (1.32)	1.2 (0.46)	10.1 (0.85)	31.3 (1.66)	33.5 (1.33)	25.1 (1.52)	20.7 (0.4)	23.6 (0.5)	
Louisiana	50,806 (2,093)	63.7 (2.82)	29.3 (2.74)	6.2 (1.22)	0.4 (0.18)	10.3 (0.86)	30.6 (2.90)	31.0 (2.73)	28.2 (2.90)	18.8 (0.5)	22.6 (0.5)	
Maine	17,536 (592)	66.3 (1.20)	29.2 (1.21)	2.7 (0.43)	0.4 (0.18)	10.5 (0.86)	20.3 (1.38)	32.8 (1.66)	36.4 (1.51)	17.9 (0.4)	18.5 (0.2)	
Maryland	54,583 (1,422)	45.3 (2.03)	48.5 (2.21)	5.0 (0.94)	0.5 (0.08)	13.9 (1.43)	30.8 (1.93)	25.3 (1.97)	30.0 (2.00)	22.1 (0.6)	25.7 (0.3)	
Massachusetts	78,260 (2,544)	38.6 (2.02)	54.8 (1.82)	3.5 (0.56)	1.6 (0.40)	11.9 (0.89)	24.9 (1.44)	24.9 (1.64)	38.3 (1.41)	20.8 (0.4)	21.4 (0.3)	
Michigan	100,232 (4,327)	42.7 (2.03)	52.2 (1.91)	4.4 (0.80)	0.4 (0.22)	13.2 (1.17)	30.5 (1.63)	25.3 (1.55)	31.0 (1.75)	21.9 (0.8)	25.2 (0.4)	
Minnesota	57,791 (4,131)	54.4 (2.15)	40.8 (2.23)	4.5 (1.08)	1.6 (0.38)	16.4 (1.38)	28.1 (1.76)	25.0 (1.71)	30.5 (1.71)	21.7 (0.4)	25.3 (0.5)	
Mississippi	33,097 (979)	58.1 (1.50)	37.0 (1.42)	3.9 (0.58)	0.4 (0.10)	11.7 (0.81)	34.4 (1.29)	33.5 (1.18)	30.4 (1.33)	20.3 (0.3)	22.3 (0.3)	
Missouri	64,094 (1,967)	49.2 (2.44)	46.6 (2.14)	2.6 (0.51)	0.3 (0.22)	15.1 (1.37)	21.4 (2.91)	26.6 (2.15)	29.8 (2.12)	20.7 (0.6)	21.0 (0.4)	
Montana	11,937 (364)	70.4 (1.27)	25.7 (1.23)	2.8 (0.33)	0.6 (0.20)	10.9 (0.74)	25.9 (1.23)	33.4 (1.03)	26.9 (1.34)	17.9 (0.3)	20.1 (0.4)	
Nebraska	23,119 (810)	59.2 (1.46)	38.8 (1.45)	1.7 (0.34)	0.2 (0.12)	10.6 (0.88)	25.2 (1.20)	30.5 (1.14)	34.3 (1.12)	17.2 (0.2)	21.4 (0.6)	
Nevada	17,773 (710)	52.4 (1.41)	43.9 (1.31)	2.7 (0.52)	1.4 (0.49)	14.9 (1.14)	35.1 (1.62)	25.7 (1.67)	27.6 (1.70)	20.6 (0.3)	27.4 (0.6)	
New Hampshire	14,985 (604)	51.9 (2.40)	44.4 (2.36)	2.4 (0.75)	0.8 (0.34)	15.1 (1.77)	25.1 (1.87)	31.5 (2.28)	31.0 (2.25)	19.9 (0.5)	21.9 (0.6)	
New Jersey	98,310 (2,148)	58.4 (1.84)	34.7 (1.85)	6.4 (0.75)	0.3 (0.08)	11.7 (1.07)	25.1 (1.42)	26.0 (1.42)	37.1 (1.59)	20.2 (0.3)	21.4 (0.3)	
New Mexico	21,388 (667)	56.1 (2.89)	39.1 (3.18)	2.7 (0.99)	1.1 (0.54)	12.5 (1.86)	38.6 (2.91)	26.5 (2.44)	22.4 (2.02)	19.8 (0.6)	23.3 (0.5)	
New York	208,313 (5,520)	21.8 (1.59)	68.4 (1.63)	8.3 (1.02)	1.5 (0.46)	14.1 (1.32)	25.3 (1.71)	27.6 (1.30)	33.0 (2.02)	21.8 (0.6)	22.9 (0.5)	
North Carolina	86,020 (2,588)	67.5 (2.21)	29.5 (2.12)	1.0 (0.39)	0.4 (0.17)	17.2 (1.47)	28.5 (2.48)	25.2 (1.73)	29.1 (2.23)	20.8 (0.5)	22.4 (0.5)	
North Dakota	9,252 (358)	77.8 (0.88)	20.0 (0.89)	1.4 (0.26)	0.3 (0.10)	12.1 (0.75)	25.1 (1.22)	30.4 (1.32)	32.3 (1.32)	17.4 (0.4)	18.7 (0.3)	
Ohio	123,370 (4,137)	50.4 (1.80)	45.7 (2.01)	2.1 (0.61)	0.6 (0.31)	12.0 (0.97)	26.4 (1.44)	29.0 (1.77)	32.6 (2.13)	22.8 (0.5)	23.9 (0.7)	
Oklahoma	45,830 (1,644)	63.5 (1.84)	33.3 (1.78)	2.6 (0.67)	0.4 (0.27)	10.6 (1.39)	30.9 (1.86)	32.1 (2.09)	26.4 (1.66)	18.7 (0.5)	22.2 (0.5)	
Oregon	28,584 (1,475)	50.0 (2.74)	46.5 (2.82)	2.6 (0.50)	0.7 (0.15)	14.0 (1.34)	28.2 (2.23)	32.7 (1.85)	25.1 (2.08)	23.7 (0.5)	25.6 (0.5)	
Pennsylvania	126,915 (4,491)	49.5 (2.27)	45.2 (2.27)	4.1 (0.97)	0.3 (0.12)	9.7 (1.20)	25.2 (1.84)	27.5 (1.68)	37.6 (2.08)	22.2 (0.6)	23.2 (0.7)	
Rhode Island	11,616 (295)	43.7 (0.96)	51.7 (0.98)	4.3 (0.55)	0.3 (0.10)	9.4 (0.53)	26.2 (0.92)	30.7 (1.03)	33.8 (0.88)	19.8 (0.3)	21.0 (0.2)	
South Carolina	43,754 (1,378)	48.0 (1.82)	43.3 (1.88)	6.9 (0.91)	0.4 (0.09)	12.0 (1.21)	28.1 (1.73)	31.0 (2.32)	29.0 (1.91)	17.8 (0.4)	22.4 (0.3)	
South Dakota	11,708 (372)	75.4 (1.51)	23.2 (1.56)	0.6 (0.11)	0.3 (0.11)	12.9 (0.88)	25.7 (1.40)	35.5 (1.08)	26.0 (1.34)	18.6 (0.4)	19.6 (0.3)	
Tennessee	58,296 (2,259)	50.9 (2.05)	41.1 (2.09)	6.1 (1.09)	1.0 (0.40)	13.9 (1.41)	30.7 (2.23)	27.0 (2.33)	28.4 (2.23)	19.6 (0.4)	24.1 (0.4)	
Texas	266,661 (8,947)	69.7 (1.45)	27.1 (1.38)	2.2 (0.44)	0.3 (0.08)	12.5 (1.22)	32.4 (1.32)	31.2 (2.85)	23.9 (1.27)	23.3 (0.3)	22.3 (0.5)	
Utah	23,346 (934)	70.4 (1.69)	23.5 (1.75)	3.2 (0.59)	0.9 (0.37)	15.6 (1.58)	31.5 (2.06)	31.9 (2.08)	29.0 (1.85)	18.3 (0.3)	27.3 (0.6)	
Vermont	9,186 (451)	49.3 (2.74)	46.1 (2.35)	4.4 (1.09)	0.9 (0.26)	16.5 (2.12)	24.2 (1.64)	29.1 (2.59)	30.2 (2.23)	17.4 (0.6)	19.1 (0.8)	
Virginia	80,987 (5,066)	55.4 (1.84)	40.8 (1.63)	1.9 (0.42)	0.9 (0.26)	13.3 (0.86)	28.1 (1.43)	28.8 (1.39)	29.8 (1.36)	19.8 (0.5)	21.9 (0.4)	
Washington	54,816 (1,743)	46.0 (1.61)	46.8 (1.56)	5.1 (0.57)	1.5 (0.39)	11.6 (0.91)	28.7 (1.55)	31.6 (1.41)	28.2 (1.28)	23.0 (0.4)	26.2 (0.4)	
West Virginia	22,571 (635)	37.5 (1.70)	55.6 (1.84)	5.3 (0.73)	0.6 (0.21)	14.7 (1.56)	14.7 (1.75)	31.0 (1.75)	48.8 (1.56)	19.7 (0.4)	21.1 (0.3)	
Wisconsin	67,362 (2,951)	56.5 (1.84)	39.6 (1.69)	3.2 (0.92)	0.4 (0.24)	12.8 (1.25)	28.7 (1.57)	26.4 (1.77)	32.2 (1.60)	20.8 (0.4)	23.6 (0.4)	
Wyoming	7,848 (309)	69.8 (1.82)	28.2 (1.81)	1.2 (0.25)	0.7 (0.25)	10.4 (0.78)	23.5 (1.31)	33.5 (1.74)	32.5 (1.57)	17.7 (0.3)	20.4 (0.6)	

† Reporting standards not met.
¹ Teachers with less than a bachelor's degree are not shown separately.
² Elementary teachers are those who taught self-contained classes at the elementary level and secondary teachers are those who taught departmentalized classes (e.g., science, art, social science, or other course subjects) at the secondary level. Excludes special education teachers. Teachers were classified as elementary or secondary on the basis of the grades they taught, rather than on the level of the school in which they taught.
³ Includes certificate of advanced graduate studies.

NOTE: Data are based on a head count of all teachers rather than on the number of full-time-equivalent teachers appearing in other tables. Excludes prekindergarten teachers. Standard errors appear in parentheses. Detail may not sum to totals due to rounding, cell suppression, and omitted categories (less than bachelor's).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," and "Charter Teacher Questionnaire," 1999-2000. (This table was prepared April 2003.)

Table 69. Selected characteristics of public school teachers: Selected years, spring 1961 to spring 2001

Characteristic	1961	1966	1971	1976	1981	1986	1991	1996	2001
1	2	3	4	5	6	7	8	9	10
Number of teachers, in thousands	1,408	1,710	2,055	2,196	2,185	2,206	2,398	2,164	2,979
Sex (percent)									
Men	31.3	31.1	34.3	32.9	33.1	31.2	27.9	25.6	21.0
Women	68.7	68.9	65.7	67.1	66.9	68.8	72.1	74.4	79.0
Median age (years)									
All teachers	41	36	35	33	37	41	42	44	46
Men	34	33	33	33	38	42	43	46	47
Women	46	40	37	33	36	41	42	44	45
Marital status (percent)									
Single	22.3	22.0	19.5	20.1	18.5	12.9	11.7	12.4	15.2
Married	68.0	69.1	71.9	71.3	73.0	75.7	75.7	75.9	73.1
Widowed, divorced, or separated	9.7	9.0	8.6	8.6	8.5	11.4	12.6	11.8	11.7
Highest degree held (percent)									
Less than bachelor's	14.6	7.0	2.9	0.9	0.4	0.3	0.6	0.3	0.2
Bachelor's	61.9	69.6	69.6	61.6	50.1	48.3	46.3	43.6	43.1
Master's or specialist degree ¹	23.1	23.2	27.1	37.1	49.3	50.7	52.6	54.5	56.0
Doctor's	0.4	0.1	0.4	0.4	0.3	0.7	0.5	1.7	0.8
College credits earned in last 3 years									
Percent who earned credits	—	—	60.7	63.2	56.1	53.1	50.3	50.2	46.3
Mean number of credits earned ²	—	—	14	—	9	4	4	—	—
Median years of teaching experience	11	8	8	8	12	15	15	15	14
Teaching for first year (percent)	8.0	9.1	9.1	5.5	2.4	3.1	3.0	2.1	3.1
Average number of pupils per class									
Elementary teachers, not departmentalized	29	28	27	25	25	24	23	24	21
Secondary and departmentalized elementary teachers	27	27	27	25	23	26	26	31	28
Mean number of students taught per day by secondary and departmentalized elementary teachers	—	132	135	127	118	97	93	97	86
Average number of hours in required school day	7.4	7.3	7.3	7.3	7.3	7.3	7.2	7.3	7.4
Average number of hours per week spent on all teaching duties									
All teachers	47	47	47	46	46	49	47	49	50
Elementary teachers	49	47	46	44	44	47	44	47	49
Secondary teachers	46	48	48	48	48	51	50	52	52
Average number of days of classroom teaching in school year	—	181	181	180	180	180	180	180	181
Average number of nonteaching days in school year	—	5	4	5	6	5	5	6	7
In current dollars									
Average annual salary as classroom teacher	³ \$5,264	\$6,253	\$9,261	\$12,005	\$17,209	\$24,504	\$31,790	\$35,549	\$43,262
Total income, including spouse's (if married)	—	—	15,021	19,957	29,831	43,413	55,491	63,171	77,739
Willingness to teach again (percent)									
Certainly would	49.9	52.6	44.9	37.5	21.8	22.7	28.6	32.1	31.7
Probably would	26.9	25.4	29.5	26.1	24.6	26.3	30.5	30.5	28.7
Chances about even	12.5	12.9	13.0	17.5	17.6	19.8	18.5	17.3	18.4
Probably would not	7.9	7.1	8.9	13.4	24.0	22.0	17.0	15.8	15.7
Certainly would not	2.8	2.0	3.7	5.6	12.0	9.3	5.4	4.3	5.6

—Not available.

¹ Figures for curriculum specialist or professional diploma based on 6 years of college study are not included.² Measured in semester hours.³ Includes extra pay for extra duties.

NOTE: Data are based upon sample surveys of public school teachers. Data differ from figures appearing in other tables because of varying survey processing procedures and time period coverages. Detail may not sum to totals due to rounding.

SOURCE: National Education Association, Status of the American Public School Teacher, 2000-01. (Copyright © 2003 by the National Education Association. All rights reserved.) (This table was prepared August 2003.)

Table 70. Public secondary school teachers, by subject taught: Selected years, spring 1966 to spring 2001

Subject in which largest portion of teaching time was spent	1966	1971	1976	1981	1986	1991	1996	2001
1	2	3	4	5	6	7	8	9
Total secondary school teachers, in thousands	746	927	1,016	995	970	1,012	1,049	1,173
Percentage distribution, by subject taught								
All subjects	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture	1.6	0.6	0.6	1.1	0.6	0.3	0.5	0.8
Art	2.0	3.7	2.4	3.1	1.5	2.6	3.3	2.5
Business education	7.0	5.9	4.6	6.2	6.5	3.5	4.1	2.4
English	18.1	20.4	19.9	23.8	21.8	25.0	23.9	22.4
Foreign language	6.4	4.8	4.2	2.8	3.7	3.8	5.2	4.6
Health and physical education	6.9	8.3	7.9	6.5	5.6	7.5	5.9	3.9
Home economics	5.9	5.1	2.8	3.6	2.6	3.1	2.2	1.9
Industrial arts	5.1	4.1	3.9	5.2	2.2	2.1	0.5	0.3
Mathematics	13.9	14.4	18.2	15.3	19.2	14.5	17.2	18.2
Music	4.7	3.8	3.0	3.7	4.8	4.2	4.3	2.9
Science	10.8	10.6	13.1	12.1	11.0	13.3	12.6	15.2
Social studies	15.3	14.0	12.4	11.2	13.6	11.0	13.4	14.5
Special education	0.4	1.1	3.0	2.1	3.5	5.2	1.7	4.0
Other	1.9	3.1	4.0	3.3	3.4	3.9	5.2	6.4

NOTE: Data are based upon sample surveys of public school teachers. Detail may not sum to totals due to rounding.

SOURCE: National Education Association, Status of the American Public School Teacher, 2000-01. (Copyright © 2003 by the National Education Association. (All rights reserved.) (This table was prepared August 2003.)

Table 71. Percent of vocational and nonvocational public school teachers of grades 9 to 12, by selected demographic and educational characteristics: 1999-2000

Characteristics of teachers	Total	Teacher type		Characteristics of teachers	Total	Teacher type	
		Nonvocational	Vocational			Nonvocational	Vocational
1	2	3	4	1	2	3	4
Total	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)				
Sex				Undergraduate field of study ¹			
Male	45.2 (0.4)	43.6 (0.4)	56.9 (1.1)	Business and management	2.5 (0.2)	1.5 (0.1)	11.2 (0.8)
Female	54.8 (0.4)	56.4 (0.4)	43.1 (1.1)	Education	53.5 (0.4)	51.7 (0.4)	68.0 (1.1)
Race/ethnicity				Academic area	33.1 (0.3)	36.1 (0.4)	8.1 (0.1)
White, non-Hispanic	86.1 (0.3)	86.2 (0.4)	85.3 (0.8)	English education	5.6 (0.1)	6.1 (0.1)	0.7 (0.2)
Black, non-Hispanic	6.5 (0.2)	6.3 (0.3)	7.8 (0.6)	Music education	2.3 (0.1)	2.6 (0.1)	0.1 (0.1)
Hispanic	5.1 (0.2)	5.2 (0.2)	4.6 (0.6)	Physical education	8.9 (0.2)	9.6 (0.2)	2.9 (0.4)
Asian/Pacific Islander	1.3 (0.1)	1.4 (0.1)	0.8 (0.1)	Other academic area	16.4 (0.3)	19.2 (0.3)	4.3 (0.1)
American Indian or Alaska Native	1.0 (0.1)	1.0 (0.1)	1.5 (0.2)	General	8.1 (0.2)	8.6 (0.2)	4.1 (0.5)
				Special education	4.4 (0.1)	4.8 (0.2)	1.1 (0.2)
				Vocational education	7.3 (0.2)	1.6 (0.1)	53.9 (1.2)
Age				Other education	0.5 (#)	0.5 (#)	0.8 (0.2)
Under 30 years	16.0 (0.3)	17.1 (0.3)	8.4 (0.6)	English	7.5 (0.2)	8.3 (0.2)	1.5 (0.3)
30 to 39 years	21.6 (0.3)	22.1 (0.4)	17.7 (0.9)	Foreign language	3.9 (0.1)	4.3 (0.2)	0.1 (0.1)
40 to 49 years	30.6 (0.3)	30.0 (0.4)	35.3 (1.1)	Mathematics	5.1 (0.1)	5.7 (0.2)	0.2 (0.1)
50 years and over	31.7 (0.4)	30.8 (0.4)	38.6 (1.1)	Sciences	8.1 (0.2)	9.0 (0.2)	0.7 (0.1)
Highest college degree				Social sciences and history	9.5 (0.2)	10.2 (0.2)	3.4 (0.4)
Less than a bachelor's degree ...	1.7 (0.1)	0.5 (0.1)	10.6 (0.7)	Visual and performing arts	4.2 (0.2)	4.5 (0.2)	1.7 (0.3)
Bachelor's degree	48.4 (0.4)	48.9 (0.4)	44.6 (1.1)	Other	5.7 (0.2)	4.8 (0.2)	13.0 (0.8)
Master's degree	45.4 (0.4)	46.0 (0.4)	41.0 (1.1)	Age at which first began to teach full-time or part-time			
Education specialist ²	3.2 (0.1)	3.2 (0.1)	3.2 (0.4)	25 or under	62.2 (0.4)	63.6 (0.4)	51.5 (1.1)
Doctorate or first professional ...	1.3 (0.1)	1.4 (0.1)	0.6 (0.1)	26 to 35	25.8 (0.3)	25.3 (0.3)	29.7 (1.0)
				36 to 45	9.3 (0.2)	8.5 (0.2)	15.1 (0.8)
				46 to 55	2.5 (0.1)	2.4 (0.1)	3.3 (0.4)
				56 or over	0.2 (#)	0.2 (#)	0.4 (0.1)

#Rounds to zero.
¹Data are for bachelor's degrees and major fields of study only.
²Education specialist degrees or certificates are generally awarded for one year's work beyond the master's level.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," and "Charter Teacher Questionnaire," 1999-2000. (This table was prepared July 2002).

Table 72. Teachers' perceptions about serious problems in their schools, by control and level of school: 1993-94 and 1999-2000

Problem area	Percent of teachers indicating item is a serious problem									
	Public school teachers					Private school teachers				
	1993-94	1999-2000				1993-94	1999-2000			
	Total	Total	Elementary schools	Secondary schools	Combined schools	Total	Total	Elementary schools	Secondary schools	Combined schools
1	2	3	4	5	6	7	8	9	10	11
Student tardiness	10.5	10.2 (0.22)	6.5 (0.31)	17.4 (0.37)	8.4 (0.45)	2.6	2.9 (0.21)	2.0 (0.20)	4.7 (0.56)	3.2 (0.42)
Student absenteeism	14.4	13.9 (0.26)	7.9 (0.36)	25.3 (0.39)	15.8 (0.90)	2.2	2.5 (0.22)	0.8 (0.13)	5.8 (0.72)	3.3 (0.48)
Teacher absenteeism	1.5	2.2 (0.10)	1.8 (0.15)	3.1 (0.16)	2.4 (0.23)	0.8	0.8 (0.11)	0.4 (0.13)	1.1 (0.23)	1.1 (0.27)
Students cutting class	5.1	4.7 (0.12)	0.9 (0.10)	12.3 (0.33)	5.2 (0.42)	0.7	0.8 (0.12)	0.4 (0.10)	1.9 (0.51)	0.9 (0.22)
Physical conflicts among students	8.2	4.8 (0.19)	5.2 (0.28)	3.8 (0.18)	6.3 (0.71)	1.5	1.0 (0.18)	0.6 (0.13)	1.2 (0.41)	1.5 (0.38)
Robbery or theft	4.1	2.4 (0.11)	1.9 (0.15)	3.3 (0.15)	2.9 (0.26)	0.8	0.9 (0.11)	0.5 (0.11)	2.0 (0.36)	0.8 (0.18)
Vandalism of school property	6.7	3.4 (0.15)	2.7 (0.21)	4.8 (0.23)	4.2 (0.50)	1.2	0.7 (0.11)	0.7 (0.15)	0.9 (0.23)	0.6 (0.17)
Student pregnancy	7.3	3.7 (0.12)	0.4 (0.07)	9.9 (0.31)	6.5 (0.52)	0.4	0.4 (0.09)	0.2 (0.07)	1.3 (0.45)	0.2 (0.10)
Student use of alcohol	9.3	7.4 (0.14)	0.8 (0.08)	19.9 (0.34)	12.9 (0.76)	3.1	3.1 (0.16)	0.3 (0.08)	12.3 (0.66)	2.4 (0.32)
Student drug abuse	5.7	6.0 (0.11)	0.8 (0.08)	15.9 (0.26)	11.1 (0.79)	1.3	1.8 (0.14)	0.3 (0.08)	6.9 (0.68)	1.3 (0.21)
Student possession of weapons	2.8	0.8 (0.06)	0.4 (0.07)	1.5 (0.10)	1.6 (0.24)	0.3	0.3 (0.06)	0.2 (0.07)	0.6 (0.28)	0.2 (0.09)
Verbal abuse of teachers	11.1	—	—	—	—	2.3	—	—	—	—
Student disrespect for teachers	18.5	17.2 (0.34)	14.6 (0.49)	22.0 (0.40)	20.9 (1.10)	3.4	3.8 (0.31)	2.2 (0.30)	5.4 (0.74)	5.3 (0.56)
Students dropping out	5.8	4.6 (0.11)	0.8 (0.09)	11.5 (0.28)	9.2 (0.72)	0.6	0.5 (0.10)	0.2 (0.07)	1.2 (0.47)	0.5 (0.18)
Student apathy	23.6	20.6 (0.30)	13.8 (0.43)	33.5 (0.43)	29.4 (1.02)	4.5	4.3 (0.29)	1.9 (0.25)	9.3 (0.79)	5.3 (0.55)
Lack of academic challenge	6.5	—	—	—	—	1.5	—	—	—	—
Lack of parental involvement	27.6	23.7 (0.36)	21.1 (0.56)	28.3 (0.46)	31.1 (0.80)	4.0	3.4 (0.30)	1.9 (0.26)	5.3 (0.79)	4.5 (0.56)
Parental alcoholism/drug abuse	13.1	—	—	—	—	2.6	—	—	—	—
Poverty	19.5	19.2 (0.43)	20.4 (0.61)	16.5 (0.39)	25.6 (1.02)	2.7	2.1 (0.21)	1.7 (0.26)	3.2 (0.62)	2.1 (0.37)
Racial tension	5.1	—	—	—	—	0.9	—	—	—	—
Students come unprepared to learn	28.8	29.5 (0.36)	26.6 (0.54)	34.9 (0.43)	35.8 (1.05)	4.1	4.9 (0.36)	2.7 (0.29)	10.2 (0.96)	5.5 (0.65)

—Not available.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," 1993-94 and 1999-2000. "Private Teacher Questionnaire," 1993-94 and 1999-2000, and "Charter Teacher Questionnaire," 1999-2000." (This table was prepared July 2002.)

Table 73. Teachers' perceptions about teaching and school conditions, by control and level of school: 1993-94 and 1999-2000

Statement	Percent of teachers somewhat agreeing or strongly agreeing with statement									
	Public total, 1993-94	Public school teachers, 1999-2000				Private, total 1993-94	Private school teachers, 1999-2000			
		Total	Elementary schools	Secondary schools	Combined schools		Total	Elementary schools	Secondary schools	Combined schools
	1	2	3	4	5	6	7	8	9	10
The school administration's behavior toward the staff is supportive	79.2	78.7 (0.38)	79.7 (0.53)	77.0 (0.39)	76.6 (1.24)	88.2	87.2 (0.46)	88.2 (0.50)	83.4 (0.74)	87.4 (1.08)
My principal enforces school rules for student conduct and backs me up when I need it	80.8	82.1 (0.33)	83.7 (0.46)	79.4 (0.42)	78.9 (1.28)	88.4	88.2 (0.41)	88.3 (0.61)	86.8 (0.70)	88.7 (0.71)
The principal lets staff members know what is expected of them	85.6	87.6 (0.26)	88.7 (0.39)	85.9 (0.31)	83.2 (1.08)	88.2	89.8 (0.37)	89.9 (0.48)	88.1 (0.64)	90.5 (0.79)
Principal talks to me frequently about my instructional practices	44.3	45.6 (0.42)	50.3 (0.62)	36.3 (0.38)	44.8 (1.41)	54.0	50.3 (0.67)	55.3 (0.97)	36.5 (1.16)	49.9 (1.24)
In this school, staff members are recognized for a job well done	67.9	68.3 (0.42)	70.7 (0.55)	64.0 (0.48)	62.7 (1.30)	81.1	78.6 (0.52)	80.6 (0.63)	72.1 (0.96)	78.9 (1.03)
Principal knows what kind of school he/she wants and has communicated it to the staff	80.5	83.1 (0.27)	85.0 (0.38)	80.0 (0.37)	77.8 (1.29)	88.6	88.3 (0.45)	88.3 (0.60)	87.0 (0.75)	89.0 (0.94)
Most of my colleagues share my beliefs and values about what the central mission of the school should be	84.2	84.7 (0.26)	87.4 (0.39)	79.6 (0.30)	82.8 (0.94)	93.2	92.1 (0.32)	93.1 (0.46)	88.2 (0.72)	92.5 (0.59)
There is a great deal of cooperative effort among staff	77.5	78.4 (0.32)	80.9 (0.43)	73.6 (0.38)	76.2 (1.25)	90.5	88.9 (0.44)	90.2 (0.47)	84.4 (0.81)	89.4 (1.02)
I receive a great deal of support from parents for the work I do	52.5	57.8 (0.41)	60.9 (0.53)	52.3 (0.44)	52.1 (1.13)	84.6	84.2 (0.48)	86.7 (0.59)	78.2 (1.06)	83.6 (0.94)
I make a conscious effort to coordinate the content of my courses with that of other teachers ..	85.0	84.1 (0.23)	87.5 (0.34)	77.8 (0.30)	81.1 (0.87)	85.2	81.4 (0.56)	84.3 (0.66)	73.6 (1.04)	80.9 (0.89)
Routine duties and paperwork interfere with my job of teaching	70.8	71.0 (0.30)	71.4 (0.44)	70.7 (0.37)	66.0 (1.10)	40.1	44.5 (0.58)	45.8 (0.88)	46.3 (1.01)	41.9 (1.17)
Level of student misbehavior in this school interferes with my teaching	44.1	40.9 (0.43)	40.8 (0.63)	41.0 (0.45)	43.2 (1.19)	22.4	24.3 (0.63)	25.1 (0.78)	22.6 (1.33)	24.0 (1.05)
Amount of student tardiness and class cutting in this school interferes with my teaching	27.9	31.6 (0.36)	25.6 (0.49)	43.5 (0.47)	29.9 (0.91)	8.6	15.1 (0.45)	13.3 (0.59)	16.6 (0.97)	17.0 (0.76)
Rules for student behavior are consistently enforced by teachers in this school, even for students who are not in their classes	61.8	62.6 (0.39)	71.2 (0.54)	45.9 (0.48)	60.5 (1.00)	77.6	76.1 (0.51)	81.3 (0.65)	64.1 (1.08)	74.3 (1.08)
I am satisfied with my class sizes	64.9	67.6 (0.36)	66.9 (0.52)	68.0 (0.36)	79.8 (0.92)	84.4	85.5 (0.47)	82.1 (0.73)	80.9 (0.97)	92.6 (0.54)
I am satisfied with my teaching salary	44.9	39.4 (0.36)	37.9 (0.54)	42.2 (0.46)	40.5 (1.10)	41.6	41.8 (0.75)	35.6 (0.97)	42.5 (1.20)	50.4 (1.51)
I sometimes feel it is a waste of time to try to do my best as a teacher	26.8	20.3 (0.29)	18.4 (0.42)	23.9 (0.33)	23.2 (0.96)	13.4	10.6 (0.38)	9.7 (0.54)	14.0 (0.79)	10.1 (0.65)
I plan with the librarian/media specialist for the integration of services into my teaching	66.9	58.7 (0.38)	58.9 (0.54)	58.9 (0.37)	53.0 (1.40)	60.6	48.7 (0.74)	47.5 (1.09)	53.3 (1.28)	48.3 (1.42)
Necessary materials are available as needed by staff	73.1	75.0 (0.33)	75.1 (0.49)	74.9 (0.35)	75.7 (0.92)	85.7	88.9 (0.38)	87.9 (0.56)	88.0 (0.78)	90.8 (0.68)
I worry about the security of my job because of the performance of my students on state or local tests	—	28.9 (0.37)	31.2 (0.51)	24.4 (0.37)	28.4 (0.93)	—	6.8 (0.31)	7.1 (0.39)	5.3 (0.47)	7.1 (0.63)
I am given the support I need to teach students with special needs	—	60.6 (0.33)	60.3 (0.50)	60.7 (0.37)	65.2 (1.26)	—	66.6 (0.58)	65.2 (0.76)	62.2 (1.07)	70.8 (1.19)
I am generally satisfied with being a teacher at this school	—	89.7 (0.24)	90.0 (0.34)	89.3 (0.25)	87.8 (1.03)	—	93.2 (0.28)	92.4 (0.43)	93.6 (0.52)	94.1 (0.47)

—Not available.

NOTE: Standard errors appear in parentheses.

1999-2000, "Private Teacher Questionnaire," 1993-94 and 1999-2000, and "Charter Teacher Questionnaire," 1999-2000. (This table was prepared June 2002.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," 1993-94 and

Table 74. Mobility of public and private elementary and secondary teachers, by selected school and teacher characteristics: Selected years, 1987–88 to 1994–95

Characteristic	Percentage distribution of public school teachers									Percent private school teachers				
	1987–88 to 1988–89			1990–91 to 1991–92			1993–94 to 1994–95			1987–88 to 1988–89	1990–91 to 1991–92	1993–94 to 1994–95		
	Re-remained teaching in the same school	Re-remained in teaching but changed schools	Left teaching	Re-remained teaching in the same school	Re-remained in teaching but changed schools	Left teaching	Re-remained teaching in the same school	Re-remained in teaching but changed schools	Left teaching			Re-remained teaching in the same school	Re-remained in teaching but changed schools	Left teaching
	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total	86.5	7.9	5.6	87.6	7.3	5.1	86.3	7.2	6.6	12.7	12.3	82.3	5.8	11.9
Sex														
Male	87.7	7.3	5.1	89.1	6.4	4.5	88.2	6.6	5.2	10.2	12.1	82.1	4.8	13.1
Female	86.1	8.1	5.8	87.1	7.6	5.3	85.6	7.4	7.1	13.4	12.3	82.4	6.1	11.6
Race/ethnicity														
White, non-Hispanic	86.5	7.8	5.7	87.6	7.3	5.1	86.7	6.8	6.5	12.1	12.0	82.5	5.7	11.7
Total minority	87.0	8.6	4.4	87.5	7.1	5.3	83.7	9.5	6.8	21.4	15.4	79.2	—	14.8
Black, non-Hispanic	86.2	8.8	5.1	85.5	8.3	6.1	84.9	8.5	6.6	34.7	19.3	82.3	—	12.6
Hispanic	88.9	8.2	2.9	89.6	6.0	4.4	79.4	11.5	9.1	21.3	13.6	77.2	—	14.6
Age														
Less than 25	78.7	17.0	4.3	73.8	17.2	9.1	81.1	15.2	3.8	19.0	23.8	67.4	12.6	20.0
25 to 29	75.0	16.1	9.0	76.6	14.3	9.0	76.3	13.7	10.0	17.6	17.8	76.1	10.8	13.1
30 to 39	85.2	9.0	5.8	85.9	9.9	4.2	84.8	8.6	6.7	12.4	13.7	77.6	7.5	14.9
40 to 49	91.2	6.4	2.4	92.5	5.5	2.0	89.9	6.1	3.9	10.5	7.7	87.2	4.1	8.7
50 to 59	90.4	3.9	5.7	89.3	4.0	6.7	88.9	4.8	6.3	11.3	9.6	89.3	2.4	8.2
60 to 64	72.0	4.5	23.4	71.0	2.2	26.8	68.0	1.5	30.5	16.9	17.8	84.9	2.0	13.1
65 and over	83.3	—	16.7	48.9	10.3	40.9	63.2	—	34.1	7.9	20.7	56.6	—	41.9
Full-time teaching experience														
Less than 1 year	76.9	11.5	11.6	51.5	31.3	17.2	79.7	11.1	9.3	27.4	28.4	70.3	7.6	22.1
1 to 3 years	77.4	14.3	8.3	79.7	13.1	7.2	79.6	12.7	7.8	15.9	16.7	72.3	10.3	17.3
1 year	77.3	14.2	8.5	79.0	12.6	8.4	81.2	12.4	6.4	18.8	18.8	66.7	11.6	21.7
2 years	78.8	13.6	7.6	78.7	14.1	7.1	76.4	14.6	9.1	14.6	15.8	71.9	11.2	17.0
3 years	76.0	15.2	8.8	81.6	12.4	5.9	81.4	10.8	7.8	14.3	14.7	79.8	7.8	12.4
4 to 9 years	82.9	11.1	6.0	84.8	9.9	5.3	83.0	9.9	7.1	12.8	12.7	81.2	7.0	11.9
10 to 19 years	89.3	6.7	4.0	91.0	6.5	2.4	89.1	6.6	4.4	11.4	6.2	89.7	2.4	7.9
20 to 24 years	93.6	4.1	2.2	93.3	3.3	3.4	92.5	2.8	4.6	7.4	4.7	92.3	2.5	5.2
25 years or more	84.9	4.1	11.0	85.9	3.1	11.0	84.9	4.1	11.1	7.4	14.6	85.5	2.9	11.6
Level taught														
Elementary	85.0	9.5	5.5	87.1	8.1	4.8	86.0	7.6	6.4	12.5	11.3	82.4	6.1	11.5
Secondary	88.1	6.2	5.6	88.2	6.4	5.5	86.6	6.7	6.7	12.9	13.3	82.2	5.2	12.6
School size														
Less than 150	85.6	9.8	4.5	86.6	8.1	5.3	78.6	10.3	11.1	19.4	17.0	76.0	7.9	16.2
150 to 299	84.6	9.9	5.4	88.0	7.7	4.3	85.8	7.0	7.1	12.1	13.8	79.6	8.0	12.4
300 to 499	86.9	7.5	5.6	85.8	8.5	5.7	86.2	7.3	6.5	10.2	7.7	84.3	3.2	12.5
500 to 749	86.8	7.5	5.7	87.7	7.6	4.7	85.3	7.1	7.6	9.2	9.8	89.6	3.3	7.1
750 or more	87.7	7.4	4.9	88.6	6.1	5.4	87.7	6.6	5.7	12.8	6.7	89.6	4.2	6.2
Percent minority enrollment														
Less than 5%	88.0	6.9	5.1	89.6	5.7	4.6	87.1	4.9	8.0	13.2	11.5	83.9	5.1	11.0
5 to 19%	86.6	7.6	5.8	88.1	6.4	5.5	87.3	6.7	6.0	10.3	12.2	84.8	4.2	11.1
20 to 49%	87.3	7.6	5.2	85.6	8.6	5.9	86.6	7.2	6.2	18.9	12.2	77.0	7.4	15.6
50% or more	85.0	9.7	5.3	86.2	8.9	4.9	83.6	9.6	6.8	13.6	13.1	75.8	10.9	13.2
Community type														
Central city	—	—	—	86.3	8.6	5.2	86.1	7.6	6.3	—	12.7	83.4	5.7	10.9
Urban fringe/small town	—	—	—	87.2	7.3	5.5	86.3	7.2	6.5	—	10.6	81.9	5.5	12.6
Rural/small town	—	—	—	88.8	6.4	4.8	86.4	6.8	6.8	—	13.9	80.0	6.4	13.6

—Not available.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Characteristics of Stayers, Movers, and Leavers: Results from the Teacher Followup Survey: 1994–95*. (This table was prepared April 1997.)

Table 75. Average base salary for full-time teachers in public elementary and secondary schools, by highest degree earned and years of full-time teaching experience: 1990-91, 1993-94, and 1999-2000

Years of teaching experience	Number of full-time teachers	Current dollars						Constant 1999-2000 dollars					
		All teachers ¹			Highest degree earned			All teachers ¹			Highest degree earned		
		Bachelor's degree	Master's degree	Education specialist ²	Doctor's degree	Bachelor's degree	Master's degree	Education specialist ²	Doctor's degree	Bachelor's degree	Master's degree	Education specialist ²	Doctor's degree
		1990-91	1993-94	1999-2000	1990-91	1993-94	1999-2000	1990-91	1993-94	1999-2000	1990-91	1993-94	1999-2000
1	2	3	4	5	6	7	8	9	10	11	12		
Total	2,336,753 (20,958)	\$31,331 (97)	\$27,736 (103)	\$34,955 (125)	\$37,231 (391)	\$40,065 (817)	\$39,608 (253)	\$35,063 (130)	\$44,189 (158)	\$47,066 (494)	\$50,649 (1,032)		
First-year	94,000 (3,014)	22,209 (200)	21,512 (648)	26,435 (863)	28,630 (982)	26,347 (3,077)	28,075 (123)	27,194 (262)	33,418 (1,091)	33,664 (1,241)	33,307 (4,900)		
2 years	86,903 (2,963)	22,119 (162)	21,648 (147)	25,064 (505)	28,685 (4,068)	24,413 (2,176)	27,962 (205)	27,367 (186)	31,685 (1,981)	36,262 (5,143)	30,862 (2,752)		
3 years	80,337 (2,542)	23,010 (177)	22,444 (174)	26,340 (695)	24,064 (989)	33,752 (1,740)	29,088 (224)	28,372 (221)	32,818 (878)	30,421 (1,251)	30,027 (2,199)		
4 years	79,613 (3,271)	23,961 (236)	23,150 (246)	25,600 (526)	29,162 (1,489)	32,362 (3,908)	30,291 (299)	29,266 (311)	33,298 (665)	36,865 (1,883)	40,911 (4,941)		
5 years	83,538 (3,238)	25,084 (202)	24,070 (240)	27,217 (436)	29,870 (2,195)	28,981 (3,236)	31,710 (285)	30,428 (304)	34,407 (582)	37,760 (2,774)	36,636 (4,091)		
6 to 9 years	316,213 (6,805)	26,502 (109)	25,013 (135)	28,796 (237)	30,209 (761)	30,022 (1,222)	33,503 (137)	31,620 (171)	36,402 (300)	38,189 (962)	37,952 (1,546)		
10 to 14 years	408,303 (7,580)	29,622 (161)	27,319 (172)	31,760 (299)	33,638 (592)	37,904 (1,943)	37,447 (203)	34,536 (217)	40,149 (379)	42,523 (748)	47,917 (2,456)		
15 to 19 years	444,934 (8,038)	33,557 (209)	30,821 (253)	35,243 (248)	37,798 (842)	40,337 (1,541)	42,460 (264)	38,963 (320)	44,553 (314)	47,782 (1,064)	50,992 (1,957)		
20 to 24 years	392,327 (6,214)	38,104 (305)	34,775 (409)	39,826 (370)	42,462 (1,257)	43,112 (2,179)	48,170 (386)	43,961 (517)	50,347 (467)	53,678 (1,589)	54,500 (2,755)		
25 to 29 years	100,465 (4,766)	38,524 (380)	35,035 (451)	40,659 (469)	40,905 (1,596)	45,428 (2,359)	48,706 (480)	44,250 (570)	51,389 (619)	51,710 (2,018)	57,428 (2,957)		
30 to 34 years	30,980 (2,515)	39,154 (888)	34,116 (1,258)	41,734 (1,116)	49,811 (4,432)	49,215 (3,573)	49,496 (1,123)	43,128 (1,591)	52,759 (1,410)	62,969 (5,602)	67,425 (4,517)		
Total	2,329,730 (21,660)	\$34,188 (90)	\$30,152 (97)	\$38,479 (154)	\$40,680 (419)	\$41,650 (1,329)	\$39,584 (105)	\$34,911 (113)	\$44,552 (179)	\$47,100 (485)	\$48,223 (1,539)		
First-year	105,539 (2,970)	23,637 (140)	23,024 (164)	26,956 (444)	28,470 (1,340)	28,234 (841)	27,367 (162)	26,657 (190)	31,209 (514)	32,963 (1,552)	32,690 (974)		
2 years	95,885 (3,534)	24,401 (180)	23,688 (150)	27,202 (422)	25,185 (1,178)	32,763 (2,938)	28,252 (208)	27,426 (173)	31,495 (488)	29,160 (1,364)	37,934 (3,402)		
3 years	87,843 (3,416)	25,305 (206)	24,286 (199)	29,981 (658)	28,731 (1,004)	37,019 (2,576)	29,298 (238)	28,118 (230)	34,713 (762)	33,265 (1,163)	31,283 (2,982)		
4 years	98,756 (3,615)	26,320 (243)	25,164 (214)	30,200 (643)	27,610 (1,244)	31,121 (1,279)	30,474 (253)	29,136 (247)	34,965 (745)	31,968 (1,441)	36,032 (1,480)		
5 years	90,465 (2,813)	27,136 (216)	25,845 (175)	30,106 (555)	30,639 (671)	25,897 (3,265)	31,418 (250)	29,924 (203)	34,858 (643)	35,475 (777)	29,984 (3,780)		
6 to 9 years	306,964 (6,059)	29,167 (136)	27,122 (136)	32,241 (289)	34,341 (1,052)	32,167 (2,298)	33,770 (186)	31,402 (157)	37,330 (335)	39,760 (1,218)	37,243 (2,660)		
10 to 14 years	362,358 (6,222)	32,289 (134)	29,751 (208)	34,733 (226)	37,316 (727)	39,625 (1,321)	37,384 (158)	34,446 (241)	40,214 (261)	43,205 (842)	45,878 (1,530)		
15 to 19 years	372,479 (6,008)	36,107 (183)	33,267 (237)	38,355 (258)	38,647 (575)	40,310 (1,248)	41,805 (211)	38,517 (274)	44,408 (297)	44,746 (666)	46,672 (1,446)		
20 to 24 years	407,663 (7,928)	40,720 (182)	36,536 (267)	41,358 (809)	43,563 (809)	46,126 (2,506)	45,873 (245)	42,302 (309)	47,884 (333)	50,438 (936)	53,405 (3,006)		
25 to 29 years	264,522 (6,324)	42,833 (258)	38,802 (349)	45,011 (385)	45,977 (868)	53,684 (2,007)	49,593 (299)	44,925 (404)	52,114 (446)	53,233 (1,005)	57,334 (1,604)		
30 to 34 years	105,461 (3,940)	43,558 (387)	39,502 (628)	45,434 (417)	49,519 (1,688)	44,997 (1,385)	50,432 (448)	45,735 (727)	52,604 (483)	57,334 (1,954)	52,098 (1,604)		
35 years or more	31,794 (1,965)	42,799 (1,082)	37,379 (1,229)	46,016 (1,643)	45,004 (2,086)	50,751 (2,650)	49,554 (1,253)	43,278 (1,423)	53,278 (1,902)	52,106 (2,415)	58,760 (3,068)		
Total	2,742,213 (20,301)	\$39,857 (117)	\$35,306 (116)	\$44,704 (174)	\$47,987 (439)	\$48,176 (1,418)	\$39,891 (118)	\$35,306 (116)	\$44,704 (174)	\$47,987 (439)	\$48,176 (1,418)		
First-year	172,709 (5,492)	29,284 (166)	28,114 (150)	34,007 (446)	33,356 (1,009)	36,501 (2,313)	29,284 (166)	28,114 (150)	34,007 (446)	33,356 (1,009)	36,501 (2,313)		
2 years	161,216 (5,678)	29,672 (179)	28,797 (165)	33,026 (404)	34,945 (5,531)	34,891 (872)	29,672 (179)	28,797 (165)	33,026 (404)	34,945 (5,531)	34,891 (872)		
3 years	145,286 (4,630)	30,687 (169)	29,652 (199)	34,358 (370)	34,543 (1,341)	33,426 (1,319)	30,687 (169)	29,652 (199)	34,358 (370)	34,543 (1,341)	33,426 (1,319)		
4 years	133,842 (5,657)	32,382 (258)	30,806 (232)	35,868 (665)	37,125 (1,354)	38,152 (2,437)	32,382 (258)	30,806 (232)	35,868 (665)	37,125 (1,354)	38,152 (2,437)		
5 years	120,943 (4,300)	32,443 (253)	31,039 (287)	34,884 (392)	35,804 (1,915)	42,737 (2,046)	32,443 (253)	31,039 (287)	34,884 (392)	35,804 (1,915)	42,737 (2,046)		
6 to 9 years	385,840 (8,205)	34,963 (167)	32,635 (190)	37,796 (240)	40,173 (836)	41,257 (2,302)	34,963 (167)	32,635 (190)	37,796 (240)	40,173 (836)	41,257 (2,302)		
10 to 14 years	382,734 (6,298)	39,337 (257)	36,160 (386)	42,069 (334)	44,836 (988)	44,152 (2,405)	39,337 (257)	36,160 (386)	42,069 (334)	44,836 (988)	44,152 (2,405)		
15 to 19 years	321,741 (8,067)	43,397 (225)	40,275 (318)	45,927 (356)	47,266 (916)	45,909 (1,487)	43,397 (225)	40,275 (318)	45,927 (356)	47,266 (916)	45,909 (1,487)		
20 to 24 years	351,726 (6,993)	45,651 (284)	41,259 (279)	48,483 (383)	49,001 (1,055)	52,564 (4,025)	45,651 (284)	41,259 (279)	48,483 (383)	49,001 (1,055)	52,564 (4,025)		
25 to 29 years	329,167 (7,167)	48,540 (276)	44,752 (333)	50,166 (399)	54,234 (968)	58,516 (2,006)	48,540 (276)	44,752 (333)	50,166 (399)	54,234 (968)	58,516 (2,006)		
30 to 34 years	185,469 (5,488)	52,155 (346)	47,265 (634)	54,244 (604)	55,994 (1,126)	66,623 (5,326)	52,155 (346)	47,265 (634)	54,244 (604)	55,994 (1,126)	66,623 (5,326)		
35 years or more	51,991 (3,006)	50,619 (673)	46,690 (1,359)	52,272 (923)	56,204 (2,797)	53,176 (1,975)	50,619 (673)	46,690 (1,359)	52,272 (923)	56,204 (2,797)	53,176 (1,975)		

¹Includes teachers with levels of education below the bachelor's degree (not shown separately).
²Includes certificate of advanced graduate studies.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," 1990-91, 1993-94, and 1999-2000 and "Charter Teacher Questionnaire," 1999-2000. (This table was prepared April 2003.)
 NOTE: Constant 1999-2000 dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

Table 76. Average salaries for full-time teachers in public and private elementary and secondary schools, by selected characteristics: 1999–2000

Selected characteristic	Total earned income	Base salary	Number of full-time teachers	School year supplemental contract		Supplemental contract during summer		Number of teachers with nonschool employment		
				Number of teachers	Supplemental salary	Number of teachers	Supplemental salary	Teaching or tutor	Education related	Not education related
1	2	3	4	5	6	7	8	9	10	11
Public schools										
Total	\$42,949 (124)	\$39,857 (117)	2,742,213 (20,301)	1,117,001 (14,582)	\$2,443 (49)	566,109 (10,855)	\$2,307 (28)	120,254 (4,375)	86,585 (3,153)	251,101 (6,344)
Men	46,891 (237)	41,104 (198)	700,410 (10,187)	407,686 (6,512)	3,371 (62)	176,372 (5,009)	2,877 (47)	36,887 (1,839)	38,687 (2,033)	119,649 (4,238)
Women	41,596 (129)	39,475 (126)	2,041,803 (16,613)	709,315 (10,621)	1,910 (69)	389,737 (8,977)	2,050 (35)	83,367 (3,730)	47,898 (2,719)	131,452 (4,952)
Race/ethnicity										
White, non-Hispanic	43,032 (134)	40,022 (124)	2,303,096 (17,467)	951,147 (13,069)	2,466 (55)	442,513 (8,955)	2,210 (33)	101,194 (3,403)	76,000 (2,910)	212,202 (5,722)
Black, non-Hispanic	43,150 (431)	39,377 (396)	214,423 (6,040)	78,547 (3,787)	2,488 (147)	67,933 (3,403)	2,799 (101)	9,577 (1,379)	5,910 (887)	21,455 (1,734)
Hispanic	41,241 (363)	38,488 (311)	157,205 (6,155)	63,253 (4,280)	2,093 (134)	40,679 (3,049)	2,410 (118)	6,980 (1,184)	2,708 (627)	11,007 (1,509)
Asian or Pacific Islander	44,884 (697)	41,944 (603)	44,343 (2,483)	15,137 (1,591)	2,030 (175)	9,337 (911)	2,804 (152)	1,862 (558)	1,069 (181)	3,860 (844)
American Indian or Alaska Native	40,697 (1,002)	37,271 (933)	23,146 (1,773)	8,917 (609)	2,717 (283)	5,647 (751)	2,445 (201)	640 (180)	898 (460)	2,577 (499)
Age										
Less than 30	33,553 (137)	30,386 (122)	474,670 (9,129)	231,485 (6,111)	2,131 (77)	120,945 (4,559)	2,124 (60)	20,934 (1,943)	15,656 (1,400)	52,187 (2,761)
30 to 39	38,468 (173)	35,502 (152)	599,706 (10,081)	285,928 (7,788)	2,367 (60)	131,032 (4,331)	2,271 (60)	25,660 (1,875)	20,365 (2,075)	55,913 (2,271)
40 to 49	44,375 (185)	41,407 (152)	862,567 (10,202)	340,739 (6,700)	2,498 (87)	170,809 (4,728)	2,311 (58)	37,029 (2,162)	28,502 (1,767)	71,814 (2,896)
50 or more	50,278 (208)	47,138 (203)	805,270 (13,567)	278,848 (7,286)	2,707 (130)	143,324 (5,658)	2,491 (66)	36,631 (1,953)	22,062 (1,352)	71,186 (3,213)
Years of teaching										
First year	33,155 (250)	29,088 (179)	143,606 (4,949)	55,014 (2,803)	1,807 (143)	31,028 (2,223)	2,473 (138)	6,290 (1,052)	4,381 (705)	17,774 (1,462)
2 to 4 years	33,360 (132)	30,344 (114)	421,713 (8,030)	226,634 (5,324)	2,077 (75)	104,640 (4,165)	2,138 (67)	16,284 (1,477)	12,329 (1,334)	46,841 (2,384)
5 to 9 years	37,154 (182)	34,066 (138)	508,472 (10,354)	226,635 (6,080)	2,364 (87)	119,917 (4,292)	2,199 (69)	24,132 (1,863)	16,975 (1,624)	45,716 (2,640)
10 to 14 years	41,410 (254)	38,712 (254)	375,832 (6,514)	150,898 (4,496)	2,476 (82)	70,163 (3,328)	2,381 (85)	15,426 (1,148)	11,248 (1,256)	30,387 (2,227)
15 to 19 years	45,630 (249)	42,942 (222)	325,836 (7,677)	118,707 (4,107)	2,478 (92)	64,032 (3,428)	2,380 (91)	13,715 (1,155)	11,891 (1,395)	21,464 (1,395)
20 or more years	51,328 (196)	48,115 (178)	966,754 (14,427)	372,443 (7,754)	2,856 (119)	176,330 (5,863)	2,396 (60)	44,427 (2,484)	29,762 (1,555)	88,919 (3,320)
Elementary	41,514 (182)	39,451 (172)	1,436,333 (13,332)	408,046 (9,078)	1,872 (103)	279,481 (8,635)	1,979 (46)	51,844 (3,635)	31,161 (2,459)	99,048 (4,579)
Secondary	44,526 (166)	40,375 (161)	1,305,880 (17,579)	708,955 (11,938)	2,771 (41)	286,629 (6,270)	2,627 (38)	68,410 (2,497)	55,425 (2,305)	152,052 (4,664)
Private schools										
Total	\$29,822 (209)	\$27,210 (195)	365,682 (8,844)	89,391 (3,349)	\$2,085 (66)	75,663 (2,733)	\$2,614 (79)	21,552 (1,088)	14,091 (979)	37,671 (1,622)
Men	36,524 (389)	31,438 (346)	85,694 (3,254)	36,432 (1,711)	2,703 (97)	22,437 (1,354)	3,219 (149)	5,511 (447)	6,294 (706)	15,489 (1,014)
Women	27,771 (199)	25,922 (189)	279,988 (6,696)	52,959 (2,314)	1,662 (89)	53,225 (2,205)	2,361 (82)	16,042 (965)	7,798 (665)	22,182 (1,177)
Race/ethnicity										
White, non-Hispanic	29,942 (192)	27,340 (169)	327,448 (7,892)	81,422 (3,194)	2,100 (71)	64,910 (2,707)	2,656 (85)	19,389 (970)	12,335 (883)	34,538 (1,509)
Black, non-Hispanic	27,593 (986)	24,374 (891)	13,697 (1,208)	2,544 (387)	1,451 (276)	4,291 (570)	2,403 (243)	302 (111)	1,082 (320)	1,826 (405)
Hispanic	29,508 (1,266)	27,162 (1,239)	16,615 (1,409)	4,354 (790)	2,293 (273)	4,124 (516)	2,228 (185)	1,373 (365)	478 (148)	708 (161)
Asian or Pacific Islander	30,029 (891)	27,763 (888)	5,974 (518)	777 (142)	1,386 (242)	1,809 (276)	2,680 (429)	376 (90)	80 (46)	334 (93)
American Indian or Alaska Native	27,302 (1,574)	24,760 (1,456)	1,948 (315)	†	†	†	†	112 (62)	116 (55)	265 (112)
Age										
Less than 30	25,289 (300)	22,299 (306)	76,044 (3,002)	21,238 (1,141)	2,031 (135)	20,146 (1,198)	2,279 (97)	3,631 (350)	2,956 (361)	10,539 (910)
30 to 39	29,841 (369)	26,828 (336)	81,044 (2,724)	23,473 (1,479)	2,096 (94)	19,618 (1,310)	2,775 (177)	5,431 (554)	3,180 (433)	10,191 (731)
40 to 49	29,638 (329)	27,229 (291)	103,748 (3,558)	24,101 (2,077)	2,134 (158)	19,767 (1,082)	2,698 (160)	6,500 (752)	4,505 (503)	9,675 (731)
50 or more	33,278 (324)	31,063 (295)	104,846 (2,906)	20,580 (1,079)	2,075 (141)	16,132 (1,174)	2,738 (160)	5,990 (510)	3,450 (454)	7,267 (625)
Years of teaching										
First year	24,402 (439)	20,794 (420)	27,387 (1,413)	5,247 (607)	1,745 (132)	6,155 (594)	2,699 (228)	1,123 (214)	1,215 (284)	4,057 (468)
2 to 4 years	25,338 (295)	22,548 (270)	72,391 (2,774)	18,497 (1,045)	1,786 (101)	17,961 (1,127)	2,374 (106)	3,235 (339)	3,266 (439)	9,632 (744)
5 to 9 years	27,715 (456)	24,900 (405)	76,128 (2,667)	20,596 (1,340)	2,113 (138)	16,968 (948)	2,634 (204)	4,805 (492)	3,066 (488)	9,208 (900)
10 to 14 years	30,220 (387)	28,125 (365)	55,366 (1,899)	13,299 (1,142)	2,077 (171)	11,551 (883)	2,073 (103)	4,090 (443)	1,973 (309)	4,588 (465)
15 to 19 years	31,639 (440)	29,479 (427)	47,343 (2,036)	9,750 (679)	2,296 (215)	8,498 (681)	3,208 (306)	2,629 (427)	1,725 (372)	3,426 (420)
20 or more years	35,856 (326)	33,326 (286)	87,068 (2,803)	22,003 (1,116)	2,307 (154)	14,529 (1,108)	2,940 (158)	5,670 (528)	2,845 (325)	6,759 (630)
Elementary	26,989 (241)	25,098 (225)	216,361 (5,181)	33,287 (1,808)	1,834 (122)	39,377 (2,003)	2,336 (92)	11,857 (774)	5,960 (588)	19,647 (1,055)
Secondary	33,927 (306)	30,280 (273)	149,322 (4,945)	56,104 (2,411)	2,236 (71)	36,286 (1,735)	2,918 (105)	9,695 (772)	8,131 (687)	18,024 (1,108)

† Reporting standards not met.
 NOTE: Standard errors appear in parentheses. Detail may not sum to totals due to rounding or missing values in cells with too few cases to report, or survey item nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey, 1999–2000 (SASS), "Public Teacher Questionnaire," "Private Teacher Questionnaire," and "Charter Teacher Questionnaire," 1999–2000. (This table was prepared August 2002.)

Table 77. Estimated average annual salary of teachers in public elementary and secondary schools: 1959–60 to 2002–03

School year	Current dollars					Constant 2002–03 dollars		
	All teachers	Elementary teachers	Secondary teachers	Earnings per full-time employee working for wages or salary ¹	Ratio of average teachers' salary to earnings per full-time employee	All teachers	Elementary teachers	Secondary teachers
1	2	3	4	5	6	7	8	9
1959–60	\$4,995	\$4,815	\$5,276	\$4,632	1.08	\$30,959	\$29,844	\$32,701
1961–62	5,515	5,340	5,775	4,928	1.12	33,415	32,354	34,990
1963–64	5,995	5,805	6,266	5,373	1.12	35,399	34,278	37,000
1965–66	6,485	6,279	6,761	5,838	1.11	37,013	35,838	38,589
1967–68	7,423	7,208	7,692	6,444	1.15	39,751	38,600	41,192
1969–70	8,626	8,412	8,891	7,334	1.18	41,587	40,555	42,864
1970–71	9,268	9,021	9,568	7,815	1.19	42,489	41,356	43,864
1971–72	9,705	9,424	10,031	8,334	1.16	42,951	41,708	44,394
1972–73	10,174	9,893	10,507	8,858	1.15	43,283	42,087	44,700
1973–74	10,770	10,507	11,077	9,647	1.12	42,067	41,040	43,267
1974–75	11,641	11,334	12,000	10,420	1.12	40,933	39,854	42,196
1975–76	12,600	12,280	12,937	11,218	1.12	41,377	40,326	42,483
1976–77	13,354	12,989	13,776	11,991	1.11	41,436	40,304	42,746
1977–78	14,198	13,845	14,602	12,823	1.11	41,283	40,257	42,458
1978–79	15,032	14,681	15,450	13,822	1.09	39,965	39,031	41,076
1979–80	15,970	15,569	16,459	15,086	1.06	37,463	36,523	38,611
1980–81	17,644	17,230	18,142	16,517	1.07	37,094	36,224	38,141
1981–82	19,274	18,853	19,805	17,863	1.08	37,299	36,484	38,326
1982–83	20,695	20,227	21,291	18,946	1.09	38,399	37,531	39,505
1983–84	21,935	21,487	22,554	19,874	1.10	39,248	38,446	40,355
1984–85	23,600	23,200	24,187	20,815	1.13	40,636	39,947	41,647
1985–86	25,199	24,718	25,846	21,727	1.16	42,173	41,368	43,256
1986–87	26,569	26,057	27,244	22,642	1.17	43,500	42,662	44,605
1987–88	28,034	27,519	28,798	23,698	1.18	44,073	43,263	45,274
1988–89	29,564	29,022	30,218	24,651	1.20	44,426	43,612	45,409
1989–90	31,367	30,832	32,049	25,643	1.22	44,989	44,221	45,967
1990–91	33,084	32,490	33,896	26,791	1.23	44,992	44,184	46,096
1991–92	34,063	33,479	34,827	27,990	1.22	44,885	44,115	45,892
1992–93	35,029	34,350	35,880	29,036	1.21	44,760	43,892	45,847
1993–94	35,737	35,233	36,566	29,778	1.20	44,511	43,884	45,544
1994–95	36,675	36,088	37,523	30,568	1.20	44,407	43,696	45,434
1995–96	37,642	37,138	38,397	31,518	1.19	44,370	43,776	45,260
1996–97	38,443	38,039	39,184	32,735	1.17	44,058	43,595	44,907
1997–98	39,351	39,008	39,945	34,269	1.15	44,308	43,922	44,977
1998–99	40,550	40,097	41,303	35,893	1.13	44,881	44,380	45,715
1999–2000	41,827	41,326	42,571	37,718	1.11	44,996	44,457	45,796
2000–01	43,400	42,937	44,028	39,272	1.11	45,141	44,660	45,794
2001–02	44,683	44,308	45,246	—	—	45,667	45,284	46,243
2002–03	45,822	45,658	46,119	—	—	45,822	45,658	46,119

—Not available.

¹ Calendar-year data from the U.S. Department of Commerce have been converted to a school-year basis by averaging the two appropriate calendar years in each case. Beginning in 1992–93, data are wage and salary accruals per full-time-equivalent employee.

NOTE: Constant 2002–03 dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor. Some data have been revised from previously published figures.

SOURCE: National Education Association, *Estimates of School Statistics*, 1959–60 through 2002–03; and unpublished data. (Copyright © 2003 by the National Education Association. All rights reserved.); and U.S. Department of Commerce, Bureau of Economic Analysis, *National Income and Product Accounts*, 1959–60 through 2002–03. (This table was prepared August 2003.)

**Table 78. Estimated average annual salary of teachers in public elementary and secondary schools, by state:
Selected years, 1969–70 to 2002–03**

State	Current dollars							Constant 2002–03 dollars						Percent change, 1989–90 to 2002–03 in constant dollars
	1969–70	1979–80	1989–90	1999–2000	2000–01	2001–02	2002–03	1969–70	1979–80	1989–90	1999–2000	2000–01	2001–02	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	\$8,626	\$15,970	\$31,367	¹\$41,827	¹\$43,400	¹\$44,683	¹\$45,822	\$41,587	\$37,463	\$44,989	\$44,996	\$45,141	\$45,667	1.9
Alabama	6,818	13,060	24,828	36,689	37,069	37,194	38,246	32,870	30,637	35,610	39,468	38,556	38,013	7.4
Alaska	10,560	27,210	43,153	46,462	48,123	49,418	49,685	50,911	63,831	61,893	49,982	50,054	50,506	-19.7
Arizona	8,711	15,054	29,402	36,902	37,167	39,973	¹ 40,894	41,997	35,315	42,170	39,698	38,658	40,853	-3.0
Arkansas	6,307	12,299	22,352	33,386	34,641	¹ 36,962	¹ 37,753	30,407	28,852	32,059	35,915	36,031	37,776	17.8
California	10,315	18,020	37,998	47,680	52,480	54,348	¹ 56,283	49,730	42,273	54,499	51,292	54,585	55,545	3.3
Colorado	7,761	16,205	30,758	38,163	39,184	40,659	¹ 41,275	37,416	38,015	44,115	41,054	40,756	41,555	-6.4
Connecticut	9,262	16,229	40,461	51,780	52,693	53,551	¹ 54,362	44,653	38,071	58,032	55,703	54,807	54,730	-6.3
Delaware	9,015	16,148	33,377	44,435	47,047	48,363	50,772	43,462	37,881	47,872	47,801	48,935	49,428	6.1
District of Columbia ...	10,285	22,190	38,402	47,076	48,704	47,049	50,763	49,585	52,055	55,079	50,642	50,658	48,085	-7.8
Florida	8,412	14,149	28,803	36,722	38,230	39,275	39,465	40,555	33,192	41,311	39,504	39,764	40,140	-4.5
Georgia	7,276	13,853	28,006	41,023	42,216	44,073	45,533	35,078	32,497	40,168	44,131	43,910	45,044	13.4
Hawaii	9,453	19,920	32,047	40,578	40,052	42,615	44,464	45,574	46,730	45,964	43,652	41,659	43,554	-3.3
Idaho	6,890	13,611	23,861	35,547	37,450	39,591	40,148	33,217	31,930	34,223	38,240	38,952	40,463	17.3
Illinois	9,569	17,601	32,794	46,486	47,847	49,435	51,289	46,133	41,290	47,036	50,008	49,767	50,524	9.0
Indiana	8,833	15,599	30,902	41,850	43,311	44,195	45,097	42,585	36,593	44,322	45,020	45,049	45,168	1.7
Iowa	8,355	15,203	26,747	35,678	36,479	38,230	38,921	40,280	35,664	38,362	38,381	37,943	39,072	1.5
Kansas	7,612	13,690	28,744	34,981	35,901	37,093	38,123	36,698	32,115	41,227	37,631	37,341	37,910	-7.5
Kentucky	6,953	14,520	26,292	36,380	36,589	37,951	38,981	33,521	34,062	37,710	39,136	38,057	38,787	3.4
Louisiana	7,028	13,760	24,300	33,109	33,615	36,328	¹ 36,878	33,883	32,279	34,853	35,617	34,964	37,128	5.8
Maine	7,572	13,071	26,881	35,561	36,373	37,300	38,121	36,505	30,663	38,555	38,255	37,832	38,122	-1.1
Maryland	9,383	17,558	36,319	44,048	45,963	48,251	49,677	45,236	41,189	52,091	47,385	47,807	49,314	-4.6
Massachusetts	8,764	17,253	34,712	46,580	48,649	50,293	52,043	42,252	40,473	49,786	50,109	50,601	51,401	4.5
Michigan	9,826	19,663	37,072	49,044	51,317	¹ 52,676	¹ 54,071	47,372	46,127	53,171	52,759	53,376	53,836	1.7
Minnesota	8,658	15,912	32,190	39,802	42,212	42,194	¹ 42,833	41,741	37,327	46,169	42,817	43,906	43,123	-7.2
Mississippi	5,798	11,850	24,292	31,857	31,954	33,295	¹ 34,555	27,953	27,799	34,841	34,270	33,236	34,028	-0.8
Missouri	7,799	13,682	27,094	35,656	36,715	37,996	38,826	37,600	32,096	38,860	38,357	38,188	38,833	-0.1
Montana	7,606	14,537	25,081	32,121	33,249	34,379	35,754	36,669	34,102	35,973	34,554	34,583	35,136	-0.6
Nebraska	7,375	13,516	25,522	33,237	34,175	36,236	37,896	35,556	31,707	36,605	35,755	35,546	37,034	3.5
Nevada	9,215	16,295	30,590	¹ 39,390	¹ 40,443	¹ 40,764	¹ 41,795	44,426	38,226	43,874	42,374	42,066	41,662	-4.7
New Hampshire	7,771	13,017	28,986	37,734	38,301	39,915	¹ 40,519	37,465	30,536	41,574	40,593	39,838	40,794	-2.5
New Jersey	9,130	17,161	35,676	52,015	52,268	53,192	54,166	44,017	40,257	51,169	55,955	54,365	54,364	5.9
New Mexico	7,796	14,887	24,756	32,554	33,785	36,440	36,687	34,923	35,507	35,020	35,140	37,243	37,243	3.3
New York	10,336	19,812	38,925	51,020	51,500	52,000	52,600	49,831	46,476	55,829	54,885	53,566	53,145	-5.8
North Carolina	7,494	14,117	27,883	39,404	41,480	42,680	43,076	36,129	33,117	39,992	42,389	43,144	43,620	7.7
North Dakota	6,696	13,263	23,016	29,863	30,891	32,253	33,210	32,282	31,113	33,011	32,125	32,130	32,963	0.6
Ohio	8,300	15,269	31,218	41,436	42,764	44,029	45,452	40,015	35,819	44,775	44,575	44,480	44,999	1.5
Oklahoma	6,882	13,107	23,070	31,298	34,499	34,744	34,854	33,179	30,747	33,089	33,669	35,883	35,509	5.3
Oregon	8,818	16,266	30,840	42,336	44,989	46,081	47,600	42,512	38,158	44,233	45,543	46,794	47,096	7.6
Pennsylvania	8,858	16,515	33,338	48,321	49,528	50,599	51,800	42,705	38,742	47,816	51,982	51,515	51,713	8.3
Rhode Island	8,776	18,002	36,057	47,041	¹ 48,474	¹ 49,758	¹ 51,076	42,310	42,230	51,716	50,605	50,419	50,854	-1.2
South Carolina	6,927	13,063	27,217	36,081	37,938	39,923	41,279	33,396	30,644	39,037	38,814	39,460	40,802	5.7
South Dakota	6,403	12,348	21,300	29,071	30,265	31,295	32,416	30,869	28,967	30,550	31,273	31,479	31,984	6.1
Tennessee	7,050	13,972	27,052	36,328	37,431	38,515	39,677	33,989	32,776	38,800	39,080	38,933	39,363	2.3
Texas	7,255	14,132	27,496	37,567	38,361	39,232	40,001	34,977	33,152	39,437	40,413	39,900	40,096	1.4
Utah	7,644	14,909	23,686	34,946	36,441	¹ 37,414	¹ 38,413	36,852	34,975	33,972	37,593	37,903	38,238	13.1
Vermont	7,968	12,484	29,012	37,758	38,253	39,240	41,603	38,414	29,286	41,611	40,618	39,788	40,104	#
Virginia	8,070	14,060	30,938	38,744	40,175	¹ 41,731	43,152	38,906	32,983	44,374	41,679	41,787	42,650	-2.8
Washington	9,225	18,820	30,457	41,043	42,137	43,464	44,949	44,475	44,149	43,684	44,152	43,828	44,421	2.9
West Virginia	7,650	13,710	22,842	35,009	35,888	36,751	38,508	36,881	32,162	32,762	37,661	37,328	37,560	17.5
Wisconsin	8,963	16,006	31,921	41,153	42,122	42,232	42,871	43,211	37,548	45,783	44,271	43,812	43,162	-6.4
Wyoming	8,232	16,012	28,141	34,127	34,678	37,837	37,876	39,687	37,562	40,362	36,712	36,069	38,670	-6.2

Rounds to zero.

¹ Data estimated by the National Education Association.

NOTE: Constant 2002–03 dollars are based on the Consumer Price Index prepared by the Bureau of Labor Statistics, U.S. Department of Labor. The price index does not

account for different rates of change in the cost of living among states. Some data have been revised from previously published figures.

SOURCE: National Education Association, *Estimates of School Statistics*, 1969–70 through 2002–03. (Copyright © 2003 by the National Education Association. All rights reserved.) (This table was prepared August 2003.)

Table 80. Staff employed in public school systems, by type of assignment and state or jurisdiction: Fall 2001
[In full-time equivalents]

State or jurisdiction	Total	School district staff			School staff						Student support staff	Other support services staff
		Officials and administrators	Administrative support staff	Instruction coordinators	Principals and assistant principals ¹	School and library support staff	Teachers	Instructional aides	Guidance counselors	Librarians		
1	2	3	4	5	6	7	8	9	10	11	12	13
United States¹	5,902,923	63,351	175,256	45,934	160,806	282,463	2,997,748	675,038	100,052	54,349	183,922	1,164,004
Alabama ²	88,171	1,241	1,229	676	3,307	2,632	46,796	6,122	1,658	1,332	1,174	22,004
Alaska ³	16,729	273	583	154	804	1,015	8,026	2,481	275	147	480	2,491
Arizona	93,976	386	854	145	2,140	9,258	46,015	13,179	1,215	811	7,600	12,373
Arkansas	66,578	673	1,958	601	1,734	1,532	33,079	6,170	1,459	1,016	3,563	14,793
California ²	574,559	2,711	23,663	6,510	13,225	35,915	304,296	72,554	6,438	1,396	14,564	93,287
Colorado	87,582	932	2,498	879	2,289	4,811	44,182	10,383	1,277	852	3,177	16,302
Connecticut	84,884	1,312	1,843	386	2,205	3,826	41,773	11,857	1,279	767	4,310	15,326
Delaware	14,172	262	330	166	359	463	7,571	1,332	240	124	631	2,694
District of Columbia	11,391	49	173	19	279	483	4,951	1,508	241	119	1,852	1,717
Florida	282,696	1,715	15,071	666	6,516	14,737	134,684	31,206	5,547	2,667	10,859	59,028
Georgia	190,054	1,764	2,182	1,210	4,755	9,033	92,732	22,625	3,219	2,114	5,290	45,130
Hawaii	19,464	139	292	500	517	822	11,007	1,671	646	289	1,221	2,360
Idaho	24,773	122	535	288	715	1,078	13,854	2,632	593	188	524	4,244
Illinois ⁴	255,719	3,963	7,158	1,295	6,315	12,268	129,600	32,955	2,983	1,934	8,438	48,810
Indiana	128,939	985	674	1,552	2,950	8,325	59,659	18,337	1,831	1,065	2,044	31,517
Iowa	69,504	980	729	467	2,197	5,320	34,906	8,887	1,230	647	2,521	11,620
Kansas	65,155	1,258	905	136	1,754	2,791	33,084	7,153	1,173	975	3,165	12,761
Kentucky	94,827	1,214	5,229	742	2,461	4,119	40,376	14,302	1,481	1,147	1,467	22,289
Louisiana	101,552	398	897	1,303	2,585	3,222	49,980	11,094	3,264	1,201	1,305	26,303
Maine	34,072	560	741	198	916	1,435	16,741	5,705	643	241	1,366	5,526
Maryland	99,282	899	1,304	863	3,023	3,921	53,774	9,361	2,161	1,112	3,159	19,705
Massachusetts	125,625	654	3,833	2,633	2,577	6,279	68,942	17,452	2,472	823	4,665	15,295
Michigan	214,894	2,084	3,134	1,244	5,574	8,898	98,849	25,592	3,136	1,612	14,325	50,446
Minnesota ⁵	104,741	1,909	6,514	466	2,052	3,599	53,081	14,440	1,056	1,015	6,864	13,745
Mississippi	65,155	969	1,763	592	1,706	2,365	31,214	8,561	952	956	2,453	13,624
Missouri	124,756	1,254	8,852	941	2,996	5,018	65,240	11,154	2,673	1,621	4,287	20,720
Montana ⁴	19,501	150	525	155	504	900	10,408	2,417	429	359	74	3,580
Nebraska	40,541	572	831	350	994	1,686	21,083	4,479	777	565	1,104	8,100
Nevada	33,967	272	745	185	972	1,604	19,276	2,652	693	317	934	6,317
New Hampshire	29,141	476	623	178	521	896	14,677	5,759	748	286	593	4,384
New Jersey	193,337	1,855	7,155	1,558	4,790	10,363	103,611	21,474	3,551	1,858	10,764	26,358
New Mexico	44,941	1,250	1,672	216	1,017	2,072	21,823	5,301	781	283	1,959	8,567
New York	423,199	2,954	27,031	2,081	7,915	7,109	209,128	41,660	6,241	3,180	9,581	106,319
North Carolina	166,164	1,601	66	883	4,681	14	85,684	27,665	3,370	2,289	4,547	35,364
North Dakota	14,896	431	170	121	391	509	8,035	1,702	274	198	449	2,616
Ohio	230,007	6,203	11,497	489	5,308	15,194	122,115	14,886	3,537	1,630	1,679	47,469
Oklahoma	76,405	723	1,924	199	2,043	4,131	41,632	6,594	1,609	1,043	2,317	14,190
Oregon	57,473	804	1,877	435	1,664	3,896	28,402	8,467	1,243	582	1,603	8,500
Pennsylvania	229,238	1,578	6,291	1,460	4,418	11,147	118,470	24,065	4,183	2,217	10,746	44,663
Rhode Island	18,584	199	481	64	444	970	11,104	2,301	348	61	484	2,128
South Carolina ⁴	71,733	272	2,388	609	3,053	3,398	46,617	10,995	1,722	1,123	1,321	235
South Dakota	18,512	438	322	383	427	549	9,370	2,162	323	167	1,603	2,768
Tennessee	111,927	1,117	2,510	1,094	4,819	5,241	58,358	12,661	1,854	1,506	4,052	18,715
Texas	582,556	7,956	3,332	1,517	28,779	37,909	282,847	58,283	9,713	4,719	4,905	142,596
Utah	41,111	167	877	622	997	2,217	22,211	5,496	666	311	463	7,084
Vermont	18,050	146	353	278	422	801	8,554	4,007	399	229	704	2,157
Virginia ²	165,249	2,779	4,640	1,770	4,034	6,541	89,314	15,725	3,408	2,040	3,973	31,025
Washington	112,021	1,163	1,779	4,636	2,709	5,692	52,534	10,044	1,966	1,321	2,682	27,495
West Virginia	37,676	339	1,816	334	1,063	378	20,139	3,087	665	393	1,083	8,379
Wisconsin	113,525	949	3,014	1,581	2,567	5,295	60,918	12,780	2,049	1,383	4,606	18,383
Wyoming	13,919	251	393	104	323	786	7,026	1,663	361	118	392	2,502
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools:												
Overseas schools	7,889	39	23	140	276	689	5,154	532	234	156	358	288
Domestic schools	4,321	36	37	53	120	307	2,486	419	108	70	160	525
Outlying areas												
American Samoa	1,686	37	52	36	78	138	914	132	48	6	73	172
Guam	3,765	20	186	156	55	495	1,918	700	29	13	53	140
Northern Marianas	1,019	9	69	5	31	39	519	198	13	0	38	98
Puerto Rico	75,254	1,602	164	305	1,484	4,619	42,906	229	1,003	1,006	3,854	18,082
Virgin Islands	—	—	—	—	—	—	—	—	—	—	—	—

—Not available.

¹ Includes imputations for undercounts in designated states.² Includes imputations for prekindergarten teachers.³ Includes imputations for instructional coordinators.⁴ Includes imputations for instructional aides and all support staff.⁵ Includes imputations for administrative support staff.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2001–02. (This table was prepared July 2003.)

Table 81. Staff employed in public school systems, by type of assignment and state or jurisdiction: Fall 2000
[In full-time equivalents]

State or jurisdiction	Total	School district staff			School staff						Student support staff	Other support services staff
		Officials and administrators	Administrative support staff	Instruction coordinators	Principals and assistant principals ¹	School and library support staff	Teachers	Instructional aides	Guidance counselors	Librarians		
1	2	3	4	5	6	7	8	9	10	11	12	13
United States¹	5,709,753	57,837	168,400	39,433	141,792	261,829	2,941,461	641,392	97,737	54,246	172,652	1,132,974
Alabama ²	89,818	1,203	1,292	484	3,294	2,507	48,194	6,738	1,686	1,317	1,139	21,964
Alaska ³	15,985	239	659	136	739	933	7,880	2,197	260	140	421	2,381
Arizona	90,115	393	842	153	2,008	8,684	44,438	12,391	1,152	811	7,165	12,078
Arkansas	63,149	671	1,792	583	1,617	1,531	31,947	6,061	1,427	1,011	2,684	13,825
California ²	551,258	2,599	22,200	6,342	13,009	34,860	298,021	63,852	6,398	1,386	14,035	88,556
Colorado	82,827	882	2,547	816	2,200	4,536	41,983	9,124	1,233	800	2,978	15,728
Connecticut	82,107	1,201	1,823	422	2,063	3,623	41,044	10,954	1,232	743	4,074	14,928
Delaware	12,616	268	315	135	349	448	7,469	928	235	120	566	1,783
District of Columbia	10,712	15	25	12	267	1,012	4,949	1,154	200	122	367	2,589
Florida	276,421	1,736	15,209	759	6,332	13,762	132,030	30,582	5,465	2,646	10,288	57,612
Georgia	184,866	1,726	2,033	1,205	4,573	8,725	91,043	21,612	3,074	2,069	4,855	43,951
Hawaii	18,352	136	250	445	475	746	10,927	1,316	628	291	818	2,320
Idaho	24,386	121	535	266	715	1,043	13,714	2,518	587	189	538	4,160
Illinois ⁴	249,791	3,887	6,781	2,084	5,812	11,880	127,620	30,962	2,967	1,986	8,156	47,656
Indiana	128,853	942	676	1,533	2,946	8,291	59,226	17,708	1,831	1,063	3,291	30,646
Iowa	67,765	1,112	743	419	2,119	4,702	34,636	8,307	1,228	673	2,322	11,504
Kansas	64,319	1,234	1,123	106	1,755	2,713	32,742	6,902	1,167	1,002	3,077	12,498
Kentucky	89,674	486	2,808	141	1,856	1,986	39,589	14,487	1,305	1,061	1,921	24,034
Louisiana	101,200	319	834	1,212	2,611	3,292	49,915	10,945	3,047	1,212	1,352	26,461
Maine	33,305	527	713	162	902	1,427	16,559	5,434	643	248	1,300	5,390
Maryland	96,504	1,049	1,223	1,198	3,058	3,943	52,433	8,849	2,080	1,106	2,697	18,868
Massachusetts	122,481	1,817	3,782	1,159	3,083	4,980	67,432	15,667	2,347	944	4,492	16,778
Michigan	210,481	2,085	3,264	1,007	5,394	8,898	97,031	24,596	3,110	1,623	14,118	49,355
Minnesota ⁵	103,570	1,973	6,682	509	1,871	3,283	53,457	15,283	1,029	1,016	6,467	12,000
Mississippi	64,723	980	1,693	594	1,686	2,334	31,006	8,652	963	983	2,312	13,520
Missouri	121,610	1,223	7,972	828	2,967	5,003	64,735	10,530	2,655	1,614	3,974	20,109
Montana ⁴	19,448	152	513	159	502	898	10,411	2,341	433	365	72	3,602
Nebraska	39,925	543	750	347	972	1,581	20,983	4,277	769	565	1,100	8,038
Nevada	31,191	223	743	102	908	1,394	18,293	2,174	683	299	1,266	5,106
New Hampshire	28,055	439	614	173	542	928	14,341	5,056	739	284	542	4,397
New Jersey	185,607	1,833	7,235	1,512	4,603	9,876	99,061	19,785	3,447	1,823	10,111	26,321
New Mexico	44,979	1,616	1,735	581	984	2,453	21,042	5,102	706	282	1,939	8,539
New York	416,236	2,925	26,337	1,920	7,668	7,063	206,961	40,618	6,072	3,135	9,084	104,453
North Carolina	162,432	1,547	56	817	4,551	32	83,680	27,447	3,303	2,284	4,270	34,445
North Dakota	15,115	457	169	98	406	521	8,141	1,716	274	192	457	2,684
Ohio	222,961	5,753	10,917	459	5,112	14,714	118,361	14,862	3,495	1,646	1,592	46,050
Oklahoma	75,148	728	1,938	173	2,023	3,443	41,318	6,366	1,566	1,019	1,767	14,807
Oregon	56,168	838	1,640	301	1,631	3,708	28,094	8,106	1,232	555	1,423	8,640
Pennsylvania	223,935	1,537	6,158	1,441	4,392	10,956	116,963	22,508	4,098	2,237	9,799	43,846
Rhode Island	17,736	155	475	53	338	916	10,645	2,295	288	53	386	2,132
South Carolina ⁴	69,114	258	2,242	561	2,862	3,231	45,380	10,237	1,685	1,123	1,269	266
South Dakota	18,072	454	349	369	426	569	9,397	2,280	324	173	1,195	2,536
Tennessee	109,711	1,092	2,432	965	4,696	5,219	57,164	12,532	1,801	1,497	3,532	18,781
Texas	542,791	2,844	3,034	1,288	13,550	28,781	274,826	55,468	9,439	4,735	4,639	144,187
Utah	40,717	106	827	599	956	2,284	22,008	5,426	637	309	449	7,116
Vermont	17,772	143	347	292	421	799	8,414	3,928	393	235	714	2,086
Virginia ²	160,693	2,752	4,594	1,693	3,910	6,391	86,977	15,298	3,357	2,012	3,645	30,064
Washington	97,636	1,132	2,405	795	2,692	4,959	51,098	10,375	1,957	1,301	3,289	17,633
West Virginia	38,549	358	1,847	339	1,077	375	20,930	3,018	661	389	1,032	8,523
Wisconsin	106,937	937	2,833	1,505	2,529	4,829	60,165	10,696	2,055	1,430	4,548	15,410
Wyoming	13,952	191	394	181	340	767	6,783	1,732	374	127	445	2,618
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools:												
Overseas schools	7,736	44	33	83	269	681	5,105	531	237	157	339	257
Domestic schools	4,054	31	34	70	118	302	2,399	417	110	72	123	378
Outlying areas												
American Samoa	1,639	34	49	35	63	104	820	127	38	6	67	296
Guam	3,836	21	180	125	51	541	1,975	693	34	16	55	145
Northern Marianas	1,047	9	67	6	28	42	526	216	15	0	36	102
Puerto Rico	69,188	1,721	59	397	1,399	4,685	37,620	236	866	821	3,518	17,866
Virgin Islands	2,899	79	133	19	86	82	1,511	307	81	34	273	294

—Not available.

¹ Includes imputations for undercounts in designated states.² Includes imputations for prekindergarten teachers.³ Includes imputations for instructional coordinators.⁴ Includes imputations for instructional aides and all support staff.⁵ Includes imputations for administrative support staff.

NOTE: Some data revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000–01. (This table was prepared July 2003.)

Table 82. Staff and teachers in public elementary and secondary school systems, by state or jurisdiction: Fall 1995 to fall 2001

State or jurisdiction	Teachers as a percent of staff				Fall 1999			Fall 2000 ¹			Fall 2001		
	Fall 1995	Fall 1996	Fall 1997	Fall 1998	All staff	Teachers	Teachers as a percent of staff	All staff	Teachers	Teachers as a percent of staff	All staff	Teachers	Teachers as a percent of staff
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States²	52.0	52.4	52.1	52.2	5,632,004	2,910,633	51.7	5,709,753	2,941,461	51.5	5,902,923	2,997,748	50.8
Alabama	³ 52.9	³ 53.0	³ 53.5	³ 54.5	³ 88,492	³ 48,624	³ 54.9	³ 89,818	³ 48,194	³ 53.7	³ 88,171	³ 46,796	³ 53.1
Alaska	³ 49.1	³ 50.2	³ 51.0	³ 50.4	³ 16,088	7,838	³ 48.7	³ 15,985	7,880	³ 49.3	³ 16,729	8,026	³ 48.0
Arizona	50.1	51.0	50.8	³ 49.8	88,259	43,892	49.7	90,115	44,438	49.3	93,976	46,015	49.0
Arkansas	53.8	³ 52.3	³ 52.5	³ 68.5	59,755	31,362	52.5	63,149	31,947	50.6	66,578	33,079	49.7
California	³ 52.0	³ 53.1	³ 54.4	³ 54.8	³ 532,754	³ 287,433	³ 54.0	³ 551,258	³ 298,021	³ 54.1	³ 574,559	³ 304,296	³ 53.0
Colorado	52.5	51.1	52.4	51.8	79,672	40,772	51.2	82,827	41,983	50.7	87,582	44,182	50.4
Connecticut	54.5	53.1	51.2	50.1	79,847	39,907	50.0	82,107	41,044	50.0	84,884	41,773	49.2
Delaware	54.5	54.4	54.6	55.0	13,369	7,318	54.7	12,616	7,469	59.2	14,172	7,571	53.4
District of Columbia	56.4	56.8	³ 50.3	52.7	³ 9,493	³ 4,812	³ 50.7	10,712	4,949	46.2	11,391	4,951	43.5
Florida	48.3	48.4	48.6	48.4	271,339	130,336	48.0	276,421	132,030	47.8	282,696	134,684	47.6
Georgia	³ 48.2	³ 54.0	³ 53.3	49.9	183,674	90,638	49.3	184,866	91,043	49.2	190,054	92,732	48.8
Hawaii	62.3	62.7	62.2	61.3	17,902	10,866	60.7	18,352	10,927	59.5	19,464	11,007	56.6
Idaho	58.6	57.8	57.2	56.3	24,192	13,641	56.4	24,386	13,714	56.2	24,773	13,854	55.9
Illinois	54.3	³ 52.5	³ 51.8	³ 52.0	³ 244,538	124,815	³ 51.0	³ 249,791	127,620	³ 51.1	³ 255,719	129,600	³ 50.7
Indiana	48.0	47.3	47.1	46.8	125,236	58,864	47.0	126,833	59,226	46.7	128,939	59,659	46.3
Iowa	52.1	51.7	50.9	49.8	65,957	33,480	50.8	67,765	34,636	51.1	69,504	34,906	50.2
Kansas	53.7	53.2	52.9	52.6	63,771	32,969	51.7	64,319	32,742	50.9	65,155	33,084	50.8
Kentucky	46.3	³ 52.5	³ 45.5	44.8	93,332	41,954	45.0	89,674	39,589	44.1	94,827	40,376	42.6
Louisiana	50.5	50.3	49.3	49.4	101,233	50,031	49.4	101,200	49,915	49.3	101,552	49,980	49.2
Maine	52.3	51.4	51.4	50.8	32,502	16,349	50.3	33,305	16,559	49.7	34,072	16,741	49.1
Maryland	54.4	56.1	55.3	53.4	93,620	50,995	54.5	96,504	52,433	54.3	99,282	53,774	54.2
Massachusetts	55.4	55.3	55.3	55.0	³ 136,254	77,596	³ 56.9	122,481	67,432	55.1	³ 125,625	68,942	³ 54.9
Michigan	46.9	45.2	44.8	44.5	210,701	96,094	45.6	210,481	97,031	46.1	214,894	98,849	46.0
Minnesota	62.7	55.5	53.4	53.6	104,546	56,010	53.6	³ 103,570	53,457	³ 51.6	104,741	53,081	50.7
Mississippi	47.6	47.9	47.7	47.9	63,946	30,722	48.0	64,723	31,006	47.9	65,155	31,214	47.9
Missouri	48.0	55.0	54.8	53.7	117,076	63,890	54.6	121,610	64,735	53.2	124,756	65,240	52.3
Montana	³ 54.2	³ 54.4	³ 53.7	³ 53.8	³ 20,032	10,353	³ 51.7	³ 19,448	10,411	³ 53.5	³ 19,501	10,408	³ 53.4
Nebraska	52.9	53.0	53.1	53.2	39,142	20,766	53.1	39,925	20,983	52.6	40,541	21,083	52.0
Nevada	58.5	58.1	57.7	56.3	30,247	17,380	57.5	31,191	18,293	58.6	33,967	19,276	56.7
New Hampshire	53.3	53.0	52.2	52.0	27,129	14,037	51.7	28,055	14,341	51.1	29,141	14,677	50.4
New Jersey	53.2	53.7	53.8	53.9	178,053	95,883	53.9	185,607	99,061	53.4	193,337	103,611	53.6
New Mexico	48.3	49.0	48.4	48.6	43,184	19,797	45.8	44,979	21,042	46.8	44,941	21,823	48.6
New York	51.0	50.9	51.0	52.4	408,977	202,078	49.4	416,236	206,961	49.7	423,199	209,128	49.4
North Carolina	³ 52.2	³ 51.9	³ 52.1	52.0	158,696	81,914	51.6	162,432	83,680	51.5	166,164	85,684	51.6
North Dakota	54.3	54.2	54.3	54.0	15,132	8,150	53.9	15,115	8,141	53.9	14,896	8,035	53.9
Ohio	55.2	55.1	54.5	54.4	217,634	116,200	53.4	222,961	118,361	53.1	230,007	122,115	53.1
Oklahoma	³ 47.0	58.0	58.0	57.8	73,831	41,498	56.2	75,148	41,318	55.0	76,405	41,632	54.5
Oregon	51.8	51.2	50.7	50.5	55,610	27,803	50.0	56,168	28,094	50.0	57,473	28,402	49.4
Pennsylvania	53.0	52.9	52.5	52.9	216,725	114,525	52.8	223,935	116,963	52.2	229,238	118,470	51.7
Rhode Island	63.5	63.3	61.6	62.4	17,927	11,041	61.6	17,736	10,645	60.0	18,584	11,104	59.8
South Carolina	³ 53.3	³ 54.0	³ 53.4	³ 53.6	³ 85,481	45,468	³ 53.2	³ 89,114	45,380	³ 65.7	³ 71,733	46,617	³ 65.0
South Dakota	³ 53.2	53.2	55.1	56.1	17,437	9,384	53.8	18,072	9,397	52.0	18,512	9,370	50.6
Tennessee	54.0	54.0	52.9	53.8	111,798	60,702	54.3	109,711	57,164	52.1	³ 111,927	³ 58,358	³ 52.1
Texas	52.0	51.8	51.6	51.3	523,948	267,935	51.1	542,791	274,826	50.6	582,556	282,847	48.6
Utah	53.6	52.7	53.3	54.9	40,235	21,832	54.3	40,717	22,008	54.1	41,111	22,211	54.0
Vermont	49.1	49.4	48.3	48.9	17,408	8,474	48.7	17,772	8,414	47.3	18,050	8,554	47.4
Virginia	³ 54.3	³ 53.5	³ 54.3	³ 55.6	³ 157,206	³ 85,037	³ 54.1	³ 160,693	³ 86,977	³ 54.1	165,249	89,314	54.0
Washington	³ 51.4	53.5	53.1	53.0	96,033	50,368	52.4	97,636	51,098	52.3	112,021	52,534	46.9
West Virginia	54.5	54.8	54.4	54.3	38,709	21,082	54.5	38,549	20,930	54.3	37,676	20,139	53.5
Wisconsin	57.9	54.8	³ 54.4	56.0	109,951	60,778	55.3	106,937	60,165	56.3	113,525	60,918	53.7
Wyoming	51.2	50.5	49.2	48.7	13,931	6,940	49.8	13,952	6,783	48.6	13,919	7,026	50.5
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools:													
Overseas schools	—	61.7	66.7	66.4	⁴ 11,588	4,715	⁴ 64.0	7,736	5,105	66.0	7,889	5,154	65.3
Domestic schools	—	—	—	—	—	—	—	4,054	2,399	59.2	4,321	2,486	57.5
Outlying areas													
American Samoa	51.4	49.9	50.8	50.1	1,613	801	49.7	1,639	820	50.0	1,686	914	54.2
Guam	48.3	47.6	46.6	34.2	3,685	1,809	49.1	3,836	1,975	51.5	3,765	1,918	50.9
Northern Marianas	40.0	41.8	44.5	47.6	956	488	51.0	1,047	526	50.2	1,019	519	50.9
Puerto Rico	56.4	55.7	56.2	57.7	71,891	41,349	57.5	69,188	37,620	54.4	75,254	42,906	57.0
Virgin Islands	47.4	49.6	49.4	51.3	2,964	1,528	51.6	2,899	1,511	52.1	—	—	—

—Not available.

¹ Data revised from previously published data.

² U.S. totals include imputations for underreporting and nonreporting states.

³ Includes imputations for underreporting.

⁴ Includes both overseas and domestic schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1995-96 through 2001-02. (This table was prepared July 2003.)

Table 83. Staff, enrollment, and pupil to staff ratios in public elementary and secondary school systems, by state or jurisdiction: Fall 1995 to fall 2001

State or jurisdiction	Pupil/staff ratio				Fall 1999			Fall 2000 ¹			Fall 2001		
	Fall 1995	Fall 1996	Fall 1997	Fall 1998	Staff	Enrollment	Pupil/staff ratio	Staff	Enrollment	Pupil/staff ratio	Staff	Enrollment	Pupil/staff ratio
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States²	9.0	9.0	8.8	8.6	5,632,004	46,857,149	8.3	5,709,753	47,203,539	8.3	5,902,923	47,687,871	8.1
Alabama	³ 9.0	³ 8.8	³ 8.7	³ 8.5	³ 88,492	³ 740,732	³ 8.4	³ 89,818	³ 739,992	³ 8.2	³ 88,171	³ 737,294	³ 8.4
Alaska	³ 8.5	³ 8.8	³ 8.8	³ 8.4	³ 16,088	³ 134,391	³ 8.4	³ 15,985	³ 133,356	³ 8.3	³ 16,729	³ 134,358	³ 8.0
Arizona	9.8	10.1	10.1	³ 10.0	88,259	852,612	9.7	90,115	877,696	9.7	93,976	922,180	9.8
Arkansas	9.2	³ 9.0	³ 8.9	³ 11.1	59,755	451,034	7.5	63,149	449,959	7.1	66,578	449,805	6.8
California	³ 12.5	³ 12.1	³ 11.8	³ 11.5	³ 532,754	³ 6,038,590	³ 11.3	³ 551,258	³ 6,140,814	³ 11.1	³ 574,559	³ 6,248,610	³ 10.9
Colorado	9.7	9.5	9.5	9.2	79,672	708,109	8.9	82,827	724,508	8.7	87,582	742,145	8.5
Connecticut	7.8	7.7	7.3	7.0	79,847	553,993	6.9	82,107	562,179	6.8	84,884	570,228	6.7
Delaware	9.1	9.1	8.9	8.8	13,369	112,836	8.4	12,616	114,676	9.1	14,172	115,555	8.2
District of Columbia	8.5	8.4	³ 8.8	7.3	³ 9,493	77,194	³ 8.1	10,712	68,925	6.4	11,391	75,392	6.6
Florida	9.2	9.0	9.0	8.9	271,339	2,381,396	8.8	276,421	2,434,821	8.8	282,696	2,500,478	8.8
Georgia	³ 7.9	³ 8.9	³ 8.5	7.9	183,674	1,422,762	7.7	184,866	1,444,937	7.8	190,054	1,470,634	7.7
Hawaii	11.1	11.1	11.1	10.8	17,902	185,860	10.4	18,352	184,360	10.0	19,464	184,546	9.5
Idaho	11.1	10.8	10.6	10.3	24,192	245,136	10.1	24,386	245,117	10.1	24,773	246,521	10.0
Illinois	9.3	³ 8.9	³ 8.7	³ 8.6	³ 244,538	³ 2,027,600	³ 8.3	³ 249,791	³ 2,048,792	³ 8.2	³ 255,719	³ 2,071,391	³ 8.1
Indiana	8.4	8.2	8.1	8.0	125,236	988,702	7.9	126,833	989,267	7.8	128,939	996,133	7.7
Iowa	8.1	8.0	7.8	7.6	65,957	497,301	7.5	67,765	495,080	7.3	69,504	485,932	7.0
Kansas	8.1	8.0	7.9	7.8	63,771	472,188	7.4	64,319	470,610	7.3	65,155	470,205	7.2
Kentucky	7.8	³ 8.8	³ 7.5	7.2	93,332	648,180	6.9	89,674	665,850	7.4	94,827	654,363	6.9
Louisiana	8.6	8.4	7.9	7.7	101,233	756,579	7.5	101,200	743,089	7.3	101,552	731,328	7.2
Maine	7.3	7.1	7.0	6.7	32,502	209,253	6.4	33,305	207,037	6.2	34,072	205,586	6.0
Maryland	9.2	9.6	9.5	9.0	93,620	846,582	9.0	96,504	852,920	8.8	99,282	860,640	8.7
Massachusetts	8.1	8.0	7.8	7.6	³ 136,254	971,425	³ 7.1	122,481	975,150	8.0	³ 125,625	973,140	³ 7.7
Michigan	9.2	8.6	8.4	³ 8.2	210,701	³ 1,725,639	³ 8.2	210,481	³ 1,720,626	³ 8.2	214,894	1,730,668	8.1
Minnesota	11.2	9.8	8.8	8.4	104,546	854,034	8.2	³ 103,570	854,340	³ 8.2	104,741	851,384	8.1
Mississippi	8.3	8.2	8.2	7.7	63,946	500,716	7.8	64,723	497,871	7.7	65,155	493,507	7.6
Missouri	7.4	8.3	8.2	7.9	117,076	914,110	7.8	121,610	912,744	7.5	124,756	909,792	7.3
Montana	³ 8.9	³ 8.7	³ 8.5	³ 8.4	³ 20,032	157,556	³ 7.9	³ 19,448	154,875	³ 8.0	³ 19,501	151,947	³ 7.8
Nebraska	7.6	7.7	7.7	7.6	39,142	288,261	7.4	39,925	286,199	7.2	40,541	285,095	7.0
Nevada	11.2	11.1	10.7	10.7	30,247	325,610	10.8	31,191	340,706	10.9	33,967	356,814	10.5
New Hampshire	8.4	8.3	8.1	8.0	27,129	206,783	7.6	28,055	208,461	7.4	29,141	206,847	7.1
New Jersey	7.3	7.5	7.5	7.4	178,053	1,289,256	7.2	185,607	1,313,405	7.1	193,337	1,341,656	6.9
New Mexico	8.2	8.2	8.2	8.0	43,184	324,495	7.5	44,979	320,306	7.1	44,941	320,260	7.1
New York	7.9	7.8	7.6	7.6	408,977	2,887,776	7.1	416,236	2,882,188	6.9	423,199	2,872,132	6.8
North Carolina	³ 8.4	³ 8.3	³ 8.3	8.2	158,696	1,275,925	8.0	162,432	1,293,638	8.0	166,164	1,315,363	7.9
North Dakota	8.6	8.3	8.0	7.8	15,132	112,751	7.5	15,115	109,201	7.2	14,896	106,047	7.1
Ohio	9.4	9.4	9.1	8.8	217,634	1,836,554	8.4	222,961	1,835,049	8.2	230,007	1,830,985	8.0
Oklahoma	³ 7.4	³ 9.1	9.0	8.9	73,831	627,032	8.5	75,148	623,110	8.3	76,405	622,139	8.1
Oregon	10.3	10.3	10.2	10.1	55,610	545,033	9.8	56,168	546,231	9.7	57,473	551,480	9.6
Pennsylvania	9.0	9.0	8.8	8.7	216,725	1,816,716	8.4	223,935	1,814,311	8.1	229,238	1,821,627	7.9
Rhode Island	9.1	9.0	8.9	8.7	17,927	156,454	8.7	17,736	157,347	8.9	18,584	158,046	8.5
South Carolina	³ 8.6	³ 8.5	³ 8.3	³ 8.2	³ 85,481	666,780	³ 7.8	³ 69,114	677,411	³ 9.8	³ 71,733	691,078	³ 9.6
South Dakota	³ 8.0	7.9	8.5	8.0	17,437	131,037	7.5	18,072	128,603	7.1	18,512	127,542	6.9
Tennessee	³ 9.0	³ 8.9	³ 8.7	³ 8.2	111,798	³ 916,202	³ 8.2	109,711	³ 909,161	³ 8.3	³ 111,927	³ 925,030	³ 8.3
Texas	8.1	8.0	7.9	7.8	523,948	3,991,783	7.6	542,791	4,059,619	7.5	582,556	4,163,447	7.1
Utah	12.8	12.9	12.2	12.3	40,235	480,255	11.9	40,717	481,485	11.8	41,111	484,677	11.8
Vermont	6.7	6.8	6.5	6.3	17,408	104,559	6.0	17,772	102,049	5.7	18,050	101,179	5.6
Virginia	³ 7.9	³ 7.9	³ 7.8	7.9	³ 157,206	1,133,994	³ 7.2	³ 160,693	1,144,915	³ 7.1	165,249	1,163,091	7.0
Washington	³ 10.5	³ 10.8	10.7	10.6	96,033	1,003,714	10.5	97,636	1,004,770	10.3	112,021	1,009,200	9.0
West Virginia	7.9	8.0	7.8	7.7	38,709	291,811	7.5	38,549	286,367	7.4	37,676	282,885	7.5
Wisconsin	9.1	8.8	³ 8.6	8.0	109,951	877,753	8.0	106,937	879,476	8.2	113,525	879,361	7.7
Wyoming	7.6	7.4	7.2	6.9	13,931	92,105	6.6	13,952	89,940	6.4	13,919	88,128	6.3
Bureau of Indian Affairs	—	—	—	—	—	49,076	—	—	46,938	—	—	46,476	—
Department of Defense dependents schools: Overseas schools	—	10.0	10.0	10.0	411,588	4108,035	49.3	7,736	73,581	9.5	7,889	73,212	9.3
Domestic schools	—	—	—	—	—	—	—	4,054	34,174	8.4	4,321	32,847	7.6
Outlying areas													
American Samoa	10.3	10.0	10.1	10.1	1,613	15,477	9.6	1,639	15,702	9.6	1,686	15,897	9.4
Guam	8.8	10.2	11.1	10.5	3,685	32,951	8.9	3,836	32,473	8.5	3,765	31,992	8.5
Northern Marianas	8.4	8.6	8.5	9.1	956	9,732	10.2	1,047	10,004	9.6	1,019	10,479	10.3
Puerto Rico	⁵ 9.0	⁵ 8.7	⁵ 8.9	8.9	71,891	613,019	8.5	69,188	612,725	8.9	75,254	604,177	8.0
Virgin Islands	6.6	7.0	7.0	6.9	2,964	20,866	7.0	2,899	19,459	6.7	—	18,780	—

—Not available.

¹ Data revised from previously published data.² U.S. totals include imputations for underreporting and nonreporting states.³ Includes imputations for underreporting.⁴ Includes both overseas and domestic schools.⁵ Support staff underreported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1995-96 through 2001-02. (This table was prepared July 2003.)

Table 84. Principals in public and private elementary and secondary schools, by selected characteristics: 1993-94 and 1999-2000

Selected characteristic	Percent distribution of principals, by highest degree earned, 1999-2000 ²					Average years of experience				Average annual salary of principals in constant 1999-2000 dollars ³	
	Total 1993-94 ¹	Total 1999-2000 ¹	Bachelor's	Master's	Education specialist	Doctor's and first-professional	As a principal, 1993-94	As a principal, 1999-2000	Prior teaching experience, 1999-2000	1993-94	1999-2000
1	2	3	4	5	6	7	8	9	10	11	12
Public schools											
Total	79,618 (235.2)	83,790 (326.9)	1.8 (0.22)	54.2 (0.63)	33.8 (0.60)	10.2 (0.46)	8.7 (0.10)	9.0 (0.11)	14.0 (0.10)	\$63,515 (146.6)	\$66,504 (158.1)
Men	52,114 (612.9)	47,130 (603.9)	1.9 (0.29)	57.1 (0.90)	31.7 (0.92)	9.4 (0.53)	10.3 (0.16)	10.6 (0.14)	13.1 (0.14)	63,589 (195.3)	66,463 (241.9)
Women	27,505 (542.4)	36,660 (598.2)	1.7 (0.32)	50.6 (1.09)	36.4 (1.03)	11.2 (0.66)	5.6 (0.12)	6.9 (0.12)	15.2 (0.14)	63,374 (319.4)	66,557 (248.5)
Race/ethnicity											
White, non-Hispanic	67,081 (539.5)	68,933 (578.6)	1.6 (0.21)	53.8 (0.75)	34.8 (0.66)	9.7 (0.52)	9.0 (0.12)	9.2 (0.12)	13.8 (0.11)	63,061 (159.7)	66,198 (156.5)
Black, non-Hispanic	8,918 (360.9)	9,239 (320.8)	0.8 (0.24)	51.4 (2.13)	34.9 (2.06)	12.8 (1.57)	7.1 (0.21)	7.6 (0.20)	15.2 (0.29)	66,770 (526.2)	68,044 (520.9)
Hispanic	3,269 (258.2)	4,326 (300.4)	4.1 (2.43)	64.3 (3.53)	18.0 (2.06)	11.9 (2.65)	6.3 (0.61)	7.9 (0.51)	13.9 (1.36)	66,578 (924.3)	69,335 (1,080.1)
Asian or Pacific Islander	620 (108.6)	633 (124.1)	4.1 (1.81)	69.8 (7.52)	9.1 (2.67)	16.5 (7.64)	5.6 (0.61)	5.1 (0.75)	13.8 (1.36)	68,928 (1,650.2)	71,398 (1,534.9)
American Indian or Alaska Native	631 (67.3)	659 (69.7)	4.7 (2.43)	58.0 (5.32)	31.6 (5.10)	5.7 (2.77)	8.2 (0.67)	9.1 (0.84)	13.6 (0.84)	59,184 (2,007.5)	56,986 (1,395.9)
Age											
Under 40	5,936 (273.3)	8,436 (302.0)	5.6 (0.98)	60.0 (1.94)	25.2 (1.83)	5.2 (0.76)	2.8 (0.13)	2.9 (0.13)	8.4 (0.12)	53,986 (547.8)	57,328 (464.0)
40 to 44	14,571 (466.2)	10,510 (317.2)	1.3 (0.52)	64.0 (2.13)	31.0 (1.89)	7.6 (1.26)	5.0 (0.12)	5.3 (0.17)	12.3 (0.20)	60,255 (446.7)	62,513 (455.5)
45 to 49	25,227 (493.3)	19,509 (534.6)	1.8 (0.43)	54.2 (1.23)	35.2 (1.24)	8.7 (0.86)	7.1 (0.13)	7.4 (0.19)	14.3 (0.15)	64,169 (391.9)	66,543 (400.8)
50 to 54	18,868 (539.2)	27,120 (605.8)	1.6 (0.39)	49.8 (1.23)	37.7 (1.24)	10.9 (0.77)	10.3 (0.18)	9.0 (0.18)	15.4 (0.18)	65,485 (422.0)	69,625 (363.8)
55 or over	14,817 (440.7)	16,125 (500.0)	0.7 (0.19)	53.0 (1.41)	31.9 (1.38)	14.4 (1.27)	15.1 (0.35)	14.1 (0.26)	15.5 (0.32)	66,951 (573.1)	69,867 (458.9)
Type of school											
Elementary	53,684 (293.5)	60,108 (263.2)	1.8 (0.28)	53.9 (0.85)	34.6 (0.82)	9.7 (0.57)	8.9 (0.13)	9.1 (0.14)	14.1 (0.13)	62,709 (195.0)	66,002 (195.0)
Secondary	18,262 (181.2)	20,451 (196.9)	1.4 (0.22)	55.7 (0.90)	31.3 (0.77)	11.6 (0.69)	8.0 (0.12)	8.6 (0.12)	13.8 (0.15)	65,533 (193.5)	69,554 (247.9)
Combined	2,747 (142.3)	3,231 (146.4)	4.3 (0.55)	50.9 (2.74)	33.6 (2.11)	10.9 (2.08)	7.5 (0.29)	8.1 (0.33)	13.4 (0.30)	61,161 (591.1)	62,880 (553.1)
Location of school											
Metropolitan area	19,027 (287.5)	20,097 (328.3)	1.0 (0.23)	55.0 (1.25)	31.2 (1.23)	12.7 (1.03)	8.3 (0.24)	8.3 (0.19)	14.5 (0.21)	67,180 (289.2)	69,825 (264.9)
Central city	21,700 (369.3)	37,677 (430.7)	1.8 (0.40)	51.5 (1.15)	35.0 (0.94)	11.7 (0.74)	8.7 (0.22)	9.1 (0.17)	13.9 (0.15)	71,565 (332.9)	71,982 (279.3)
Outside metropolitan area	38,891 (326.9)	26,017 (368.7)	2.4 (0.38)	57.8 (0.97)	33.9 (0.94)	6.1 (0.55)	8.8 (0.17)	9.2 (0.19)	13.8 (0.16)	56,073 (206.3)	56,006 (177.7)
Private schools											
Total	25,015 (197.7)	26,231 (259.0)	23.6 (0.94)	51.0 (1.09)	9.9 (0.60)	8.5 (0.64)	8.8 (0.20)	10.2 (0.20)	14.5 (0.22)	\$37,137 (420.7)	\$43,094 (482.7)
Men	11,606 (301.4)	11,899 (308.0)	19.4 (1.22)	50.5 (1.49)	8.8 (0.77)	12.2 (1.00)	9.0 (0.26)	11.4 (0.30)	13.7 (0.33)	41,214 (653.7)	46,321 (672.1)
Women	13,410 (282.8)	14,332 (307.1)	27.0 (1.59)	51.4 (1.53)	10.8 (0.83)	5.4 (0.94)	8.6 (0.27)	9.2 (0.26)	15.2 (0.33)	33,791 (703.5)	40,460 (675.8)
Race/ethnicity											
White, non-Hispanic	23,133 (289.6)	23,322 (309.2)	22.9 (1.00)	52.1 (1.13)	10.2 (0.60)	7.4 (0.51)	8.7 (0.22)	10.4 (0.21)	14.7 (0.23)	37,014 (463.8)	43,421 (489.4)
Black, non-Hispanic	1,060 (124.0)	1,574 (164.1)	31.1 (6.03)	51.0 (5.75)	8.7 (3.32)	25.2 (6.89)	8.3 (1.04)	8.0 (0.84)	13.8 (1.08)	39,809 (2,866.9)	37,644 (2,246.4)
Hispanic	524 (91.0)	831 (134.6)	30.1 (8.02)	50.6 (7.60)	5.7 (2.86)	5.6 (2.60)	10.1 (1.43)	7.6 (1.32)	13.1 (1.47)	36,297 (2,266.7)	42,134 (1,948.4)
Age											
Under 40	4,794 (301.6)	3,747 (223.0)	38.1 (3.12)	40.0 (3.19)	5.0 (1.24)	1.6 (0.52)	3.5 (0.22)	2.9 (0.20)	6.7 (0.32)	30,459 (1,006.0)	35,503 (1,079.7)
40 to 44	4,403 (217.0)	3,453 (212.0)	29.8 (3.05)	43.8 (3.32)	9.9 (1.66)	9.1 (3.12)	5.3 (0.24)	6.0 (0.36)	11.3 (0.41)	35,297 (1,074.6)	41,270 (1,007.3)
45 to 49	5,144 (216.1)	5,213 (261.5)	24.1 (1.97)	51.0 (2.30)	9.9 (1.31)	9.3 (1.23)	8.3 (0.27)	9.1 (0.32)	14.0 (0.39)	40,108 (852.2)	44,432 (1,215.1)
50 to 54	4,120 (227.8)	5,841 (291.0)	22.7 (2.52)	54.3 (2.86)	9.5 (1.16)	8.4 (1.07)	9.6 (0.34)	11.0 (0.41)	15.5 (0.54)	47,581 (1,156.1)	47,528 (1,206.5)
55 or over	6,553 (244.2)	7,977 (275.9)	14.3 (1.69)	56.8 (1.98)	12.4 (1.05)	10.9 (1.37)	14.8 (0.40)	15.5 (0.43)	19.1 (0.47)	36,797 (876.5)	43,285 (873.1)
Type of school											
Elementary	13,354 (158.5)	15,807 (244.9)	24.4 (1.34)	54.7 (1.39)	9.9 (0.76)	6.1 (0.86)	9.4 (0.27)	10.3 (0.27)	15.1 (0.30)	33,321 (514.4)	39,914 (598.9)
Secondary	2,304 (243.7)	2,628 (133.3)	13.3 (2.68)	58.6 (3.33)	16.0 (1.53)	10.9 (1.57)	7.8 (0.36)	10.1 (0.41)	16.4 (0.62)	50,577 (907.9)	57,474 (1,371.7)
Combined	6,772 (114.9)	7,796 (265.4)	25.5 (1.70)	40.7 (2.07)	7.9 (0.89)	12.5 (1.13)	8.0 (0.34)	10.1 (0.31)	12.7 (0.42)	38,942 (1,285.5)	44,876 (918.5)
Location of school											
Metropolitan area	9,693 (228.4)	11,249 (225.5)	18.5 (1.42)	55.1 (1.72)	11.2 (0.87)	11.1 (1.29)	9.6 (0.27)	10.2 (0.27)	14.8 (0.35)	39,779 (643.0)	45,492 (767.8)
Central city	8,469 (306.0)	10,316 (288.8)	25.7 (1.52)	50.8 (1.60)	9.8 (0.90)	7.3 (0.71)	9.2 (0.38)	10.6 (0.34)	14.2 (0.30)	40,739 (636.1)	44,454 (764.8)
Outside metropolitan area	6,854 (216.1)	4,666 (253.1)	31.1 (3.09)	41.2 (2.89)	7.2 (1.41)	4.9 (1.02)	7.0 (0.32)	9.2 (0.47)	14.7 (0.73)	28,965 (966.7)	33,914 (1,135.3)

¹Total differs from data appearing in other tables because of varying survey processing procedures and time period coverages.
²Percentages for those with less than a bachelor's degree are not shown.
³Data for 1993-94 shown in 1999-2000 constant dollars, using the Consumer Price Index, adjusted to a school year basis. Excludes principals reporting a salary of \$0.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Principal Questionnaire," 1993-94 and 1999-2000, "Private School Principal Questionnaire," 1993-94 and 1999-2000, and "Charter School Principal Questionnaire," 1999-2000. (This table was prepared November 2003.)
 NOTE: Some data revised from previously published figures. Detail may not sum to totals due to rounding and survey item nonresponse. Standard errors appear in parentheses.

Table 85. Number of public school districts and public and private elementary and secondary schools: Selected years, 1869–70 to 2001–02

School year	Regular public school districts ¹	Public schools ²					Private schools ^{2,3}		
		Total, all schools ⁴	Total, schools with reported grade spans ⁵	Schools with elementary grades		Schools with secondary grades	Total ⁴	Schools with elementary grades	Schools with secondary grades
				Total	One-teacher				
1	2	3	4	5	6	7	8	9	10
1869–70	—	116,312	—	—	—	—	—	—	—
1879–80	—	178,122	—	—	—	—	—	—	—
1889–90	—	224,526	—	—	—	—	—	—	—
1899–1900	—	248,279	—	—	—	—	—	—	—
1909–10	—	265,474	—	—	—	—	—	—	—
1919–20	—	271,319	—	—	—	—	—	—	—
1929–30	—	248,117	—	238,306	—	23,930	—	9,275	3,258
1931–32	—	245,941	—	—	—	—	—	—	—
1933–34	—	242,929	—	236,236	—	—	—	9,992	3,327
1935–36	—	237,816	—	—	—	—	—	—	—
1937–38	119,001	229,394	—	221,660	—	25,467	—	9,992	3,327
1939–40	117,108	226,762	—	—	—	—	—	11,306	3,568
1941–42	—	222,660	—	—	—	—	—	—	—
1945–46	101,382	—	—	160,227	—	24,314	—	9,863	3,294
1947–48	94,926	—	—	146,760	—	25,484	—	10,071	3,292
1949–50	83,718	—	—	128,225	—	24,542	—	10,375	3,331
1951–52	71,094	—	—	123,763	—	23,746	—	10,666	3,322
1953–54	63,057	—	—	110,875	—	25,637	—	11,739	3,913
1955–56	54,859	—	—	104,427	—	26,046	—	12,372	3,887
1957–58	47,594	—	—	95,446	—	25,507	—	13,065	3,994
1959–60	40,520	—	—	91,853	—	25,784	—	13,574	4,081
1961–62	35,676	—	—	81,910	—	25,350	—	14,762	4,129
1963–64	31,705	—	—	77,584	—	26,431	—	—	—
1965–66	26,983	—	—	73,216	—	26,597	17,849	15,340	4,606
1967–68	22,010	—	94,197	70,879	6,491	27,011	—	—	—
1970–71	17,995	—	89,372	65,800	1,815	25,352	—	14,372	3,770
1973–74	16,730	—	88,655	65,070	1,365	25,906	—	—	—
1975–76	16,376	88,597	87,034	63,242	1,166	25,330	—	—	—
1976–77	16,271	—	86,501	62,644	1,111	25,378	19,910	16,385	5,904
1978–79	16,014	—	84,816	61,982	—	24,504	19,489	16,097	5,766
1979–80	15,929	87,004	—	—	—	—	—	—	—
1980–81	15,912	85,982	83,688	61,069	921	24,362	20,764	16,792	5,678
1982–83	15,824	84,740	82,039	59,656	798	23,988	—	—	—
1983–84	15,747	84,178	81,418	59,082	838	23,947	627,694	620,872	67,862
1984–85	—	84,007	81,147	58,827	825	23,916	—	—	—
1985–86	—	—	—	—	—	—	625,616	620,252	67,387
1986–87	7 15,713	83,455	82,190	60,784	763	23,389	—	—	—
1987–88	7 15,577	83,248	81,416	59,754	729	23,841	626,807	622,959	68,418
1988–89	7 15,376	83,165	81,579	60,176	583	23,638	—	—	—
1989–90	7 15,367	83,425	81,880	60,699	630	23,461	—	—	—
1990–91	7 15,358	84,538	82,475	61,340	617	23,460	624,690	622,223	68,989
1991–92	7 15,173	84,578	82,506	61,739	569	23,248	625,998	623,523	69,282
1992–93	7 15,025	84,497	82,896	62,225	430	23,220	—	—	—
1993–94	7 14,881	85,393	83,431	62,726	442	23,379	—	—	—
1994–95	7 14,772	86,221	84,476	63,572	458	23,668	626,093	623,543	610,555
1995–96	7 14,766	87,125	84,958	63,961	474	23,793	27,686	25,153	10,942
1996–97	7 14,841	88,223	86,092	64,785	487	24,287	—	—	—
1997–98	7 14,805	89,508	87,541	65,859	476	24,802	27,402	24,915	10,779
1998–99	7 14,891	90,874	89,259	67,183	463	25,797	—	—	—
1999–2000	7 14,928	92,012	90,538	68,173	423	26,407	27,223	24,685	10,693
2000–01	7 14,859	93,273	91,691	69,697	411	27,090	—	—	—
2001–02	7 14,559	94,112	92,696	70,516	408	27,468	—	—	—

—Not available.

¹ Includes operating and nonoperating districts.

² Schools with both elementary and secondary programs are included under elementary schools and also under secondary schools.

³ Data for most years are partly estimated.

⁴ Includes regular schools and special schools not classified by grade span.

⁵ Includes elementary, secondary, and combined elementary/secondary schools.

⁶ These data are from sample surveys and should not be compared directly with the data for earlier years.

⁷ Because of expanded survey coverage, data are not directly comparable with figures prior to 1986.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Reports of the Commissioner of Education*, 1870 through 1910; *Biennial Survey of Education in the United States*, 1919–20 through 1949–50; *Statistics of State School Systems*, 1959–60 through 1967–68; *Statistics of Public Elementary and Secondary School Systems*, 1970–71 through 1980–81; *Statistics of Nonpublic Elementary and Secondary Schools*, 1970–71 through 1979–80; *Private Schools in American Education*; Schools and Staffing Survey (SASS), “Private School Questionnaire,” 1987–88 and 1990–91; *Private School Universe Survey*, 1991–92 through 1999–2000; and The NCES Common Core of Data (CCD), 1982–83 through 2001–02. (This table was prepared July 2003.)

Table 86. Number of public school districts and enrollment, by size of district: Selected years, 1989–90 to 2001–02

Enrollment size of district	Number of districts											2001–02		
	1989–90	1990–91	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01	Number of districts	Percent of districts	Percent of students
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total	15,367	15,358	15,025	14,881	14,772	14,766	14,841	14,805	14,891	14,928	14,859	14,559	100.0	100.0
25,000 or more	179	190	202	206	207	216	226	230	236	238	240	243	1.7	32.4
10,000 to 24,999	479	489	510	525	542	553	569	572	574	579	581	573	3.9	18.8
5,000 to 9,999	913	937	955	973	996	1,013	1,024	1,038	1,026	1,036	1,036	1,067	7.3	15.3
2,500 to 4,999	1,937	1,940	2,002	2,008	2,013	2,027	2,069	2,079	2,062	2,068	2,060	2,031	14.0	15.5
1,000 to 2,499	3,547	3,542	3,530	3,570	3,579	3,554	3,536	3,524	3,496	3,457	3,448	3,429	23.6	12.0
600 to 999	1,801	1,799	1,798	1,785	1,777	1,777	1,772	1,775	1,790	1,814	1,776	1,744	12.0	3.0
300 to 599	2,283	2,275	2,200	2,162	2,113	2,104	2,066	2,044	2,066	2,081	2,107	2,015	13.8	2.0
1 to 299	3,910	3,816	3,465	3,294	3,173	3,123	3,160	3,165	3,245	3,298	3,265	3,127	21.5	1.0
Size not reported	318	370	363	358	372	399	419	378	396	357	346	330	2.3	†

† Not applicable.

NOTE: Size not reported includes school districts reporting enrollment of 0. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The Common Core of Data (CCD), “Local Education Agency Universe Survey,” 1989–90 through 2001–02. (This table was prepared April 2003.)

Table 87. Number of public elementary and secondary local education agencies, by type of agency and state or jurisdiction: 2000-01 and 2001-02

State or jurisdiction	Total agencies		Regular school districts, including supervisory union components		Regional education service agencies and supervisory union administrative centers		State-operated agencies		Federally operated agencies		Other agencies	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	16,935	17,085	14,859	14,559	1,282	1,302	124	158	5	1	665	1,065
Alabama	131	131	128	128	0	0	3	3	0	0	0	0
Alaska	55	55	53	53	0	0	2	2	0	0	0	0
Arizona	467	513	410	323	6	6	2	2	0	0	49	182
Arkansas	328	338	310	312	15	15	3	3	0	0	0	8
California	1,055	1,056	985	986	58	58	12	12	0	0	0	0
Colorado	198	200	176	178	22	22	0	0	0	0	0	0
Connecticut	198	197	166	166	6	6	7	7	0	0	19	18
Delaware	27	30	19	19	1	1	0	0	0	0	7	10
District of Columbia	34	34	1	1	0	0	0	0	0	0	33	33
Florida	73	73	67	67	0	0	1	1	0	0	5	5
Georgia	180	180	180	180	0	0	0	0	0	0	0	0
Hawaii	1	1	1	1	0	0	0	0	0	0	0	0
Idaho	116	115	115	114	0	0	1	1	0	0	0	0
Illinois	1,055	1,060	894	893	156	162	5	5	0	0	0	0
Indiana	328	326	295	294	29	28	3	3	0	0	1	1
Iowa	389	386	374	371	15	15	0	0	0	0	0	0
Kansas	304	304	304	304	0	0	0	0	0	0	0	0
Kentucky	178	196	176	176	0	18	2	2	0	0	0	0
Louisiana	86	88	78	66	0	0	8	8	0	0	0	14
Maine	325	325	282	282	39	39	3	3	0	0	1	1
Maryland	24	24	24	24	0	0	0	0	0	0	0	0
Massachusetts	477	479	349	350	86	86	1	1	0	0	41	42
Michigan	805	799	734	554	57	57	4	4	0	0	10	184
Minnesota	486	485	415	417	66	63	5	5	0	0	0	0
Mississippi	162	162	152	152	0	0	10	10	0	0	0	0
Missouri	530	530	524	524	0	0	2	2	0	0	4	4
Montana	532	531	453	452	77	77	2	2	0	0	0	0
Nebraska	692	671	576	555	111	111	5	5	0	0	0	0
Nevada	18	18	17	17	0	0	1	1	0	0	0	0
New Hampshire	256	257	178	178	78	79	0	0	0	0	0	0
New Jersey	671	665	604	603	12	12	0	0	0	0	55	50
New Mexico	89	89	89	89	0	0	0	0	0	0	0	0
New York	779	787	703	703	38	38	0	0	0	0	38	46
North Carolina	209	212	120	121	0	0	2	2	0	0	87	89
North Dakota	271	263	230	222	38	38	3	3	0	0	0	0
Ohio	796	817	662	662	60	60	3	3	0	0	71	92
Oklahoma	562	566	544	543	0	0	0	0	0	0	18	23
Oregon	220	221	197	198	21	21	2	2	0	0	0	0
Pennsylvania	683	695	501	501	101	101	15	15	0	0	66	78
Rhode Island	37	41	36	36	0	0	1	1	0	0	0	4
South Carolina	104	103	90	89	14	14	0	0	0	0	0	0
South Dakota	199	199	176	176	18	18	5	5	0	0	0	0
Tennessee	138	138	138	138	0	0	0	0	0	0	0	0
Texas	1,219	1,254	1,040	1,040	20	20	0	14	0	0	159	180
Utah	46	46	40	40	4	4	2	2	0	0	0	0
Vermont	350	354	288	292	60	60	1	1	0	0	1	1
Virginia	181	199	135	137	38	38	3	23	5	1	0	0
Washington	305	305	296	296	9	9	0	0	0	0	0	0
West Virginia	57	57	55	55	0	0	2	2	0	0	0	0
Wisconsin	450	452	431	433	16	16	3	3	0	0	0	0
Wyoming	59	58	48	48	11	10	0	0	0	0	0	0
Bureau of Indian Affairs schools	24	24	0	0	0	0	0	0	24	24	0	0
Department of Defense dependents schools: Domestic schools	17	17	0	0	0	0	0	0	17	17	0	0
Overseas schools	11	9	0	0	0	0	0	0	11	9	0	0
Outlying areas												
American Samoa	1	1	1	1	0	0	0	0	0	0	0	0
Guam	1	1	1	1	0	0	0	0	0	0	0	0
Northern Marianas	1	1	1	1	0	0	0	0	0	0	0	0
Puerto Rico	1	1	1	1	0	0	0	0	0	0	0	0
Virgin Islands	1	1	1	1	0	0	0	0	0	0	0	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, The Common Core of Data (CCD), "Local Education Agency Universe Survey," 2000-01 and 2001-02. (This table was prepared April 2003.)

Table 88. Public elementary and secondary students, schools, pupil to teacher ratios, and finances, by type of locale: 2000-01 and 2001-02

Characteristic	Total ¹	Large city ²	Midsize city ³	Urban fringe of a large city ⁴	Urban fringe of midsize city ⁵	Large town ⁶	Small town ⁷	Rural outside an MSA ⁸	Rural within an MSA ⁹
1	2	3	4	5	6	7	8	9	10
Schools, enrollment, and teachers, 2001-02									
Enrollment, in thousands	47,061	7,336	6,006	15,405	5,002	608	4,539	4,345	3,817
Schools	91,759	10,746	10,813	23,669	9,026	1,298	11,284	16,397	8,168
Average school size ¹⁰	515	683	556	651	555	469	403	265	468
Pupil/teacher ratio ¹¹	16.2	17.0	16.0	17.0	16.4	15.9	15.4	14.2	16
Enrollment (percent distribution)	100.0	15.6	12.8	32.7	10.6	1.3	9.6	9.2	8.1
Schools (percent distribution)	100.0	11.7	11.8	25.8	9.8	1.4	12.3	17.9	8.9
Revenues and expenditures, 2000-01									
Total revenue, in millions of dollars	\$406,508	\$66,320	\$51,964	\$136,530	\$39,127	\$4,580	\$35,271	\$35,623	\$32,347
Federal	28,417	6,408	4,390	6,409	2,372	382	2,904	3,115	1,397
Impact aid	873	47	90	178	57	5	109	339	29
Bilingual education	64	12	11	17	2	1	5	10	2
Indian education	56	5	5	5	2	2	11	24	2
Children with disabilities	4,285	672	583	1,248	381	52	329	268	232
Eisenhower science awards	154	28	25	40	15	2	14	12	7
Drug Free schools	247	46	44	70	21	4	22	16	13
Chapter 2 (block grants)	757	133	127	190	69	11	90	79	46
Vocational education	534	112	80	106	52	8	56	45	23
Title I	6,232	1,682	1,065	1,152	562	88	693	674	281
Other and unclassified	15,216	3,670	2,360	3,403	1,210	211	1,576	1,648	761
State	200,153	32,328	28,069	60,026	19,755	2,518	19,641	20,274	16,148
State school lunch programs	377	60	52	117	41	4	39	36	28
Local	177,938	27,583	19,505	70,094	17,000	1,679	12,726	12,234	14,803
Property tax ¹²	108,061	14,579	11,242	46,153	10,150	1,072	8,217	7,287	8,618
Parent government contribution ¹²	29,727	7,996	3,557	10,281	2,897	141	1,007	1,393	2,422
Lunch sales	5,761	517	640	2,084	684	74	578	563	615
Transportation	66	2	6	38	5	1	4	3	4
Other	34,322	4,489	4,058	11,539	3,265	392	2,920	2,987	3,144
Total revenue (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Federal	7.0	9.7	8.4	4.7	6.1	8.3	8.2	8.7	4.3
State	49.2	48.7	54.0	44.0	50.5	55.0	55.7	56.9	49.9
Local	43.8	41.6	37.5	51.3	43.4	36.7	36.1	34.3	45.8
Total expenditures, in millions of dollars	\$564,187	\$93,780	\$69,804	\$192,173	\$53,851	\$6,190	\$47,444	\$47,984	\$45,736
Current expenditures for schools	415,162	69,938	52,020	139,778	39,585	4,630	35,527	35,688	33,197
Instruction	343,859	57,735	44,257	114,304	32,655	3,962	30,287	30,158	26,748
Operation and maintenance	206,904	35,922	26,545	68,401	19,869	2,381	18,339	17,969	16,054
Food service	32,802	5,770	4,223	11,010	3,085	389	2,854	2,826	2,485
Other	13,414	2,299	1,763	3,768	1,422	178	1,425	1,492	1,052
Other current expenditures	90,738	13,744	11,726	31,123	8,280	1,015	7,669	7,871	7,158
Interest on school debt	9,536	1,545	987	3,481	999	89	729	637	1,048
Capital outlay	48,751	8,553	5,070	17,790	4,987	457	3,519	3,788	4,332
Current expenditures (percent distribution) ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Instruction	60.2	62.2	60.0	59.8	60.8	60.1	60.6	59.6	60.0
Operation and maintenance	9.5	10.0	9.5	9.6	9.4	9.8	9.4	9.4	9.3
Food service	3.9	4.0	4.0	3.3	4.4	4.5	4.7	4.9	3.9
Other	26.4	23.8	26.5	27.2	25.4	25.6	25.3	26.1	26.8
Current expenditure per student (in dollars)	7,372	7,902	7,409	7,572	6,612	6,499	6,638	6,895	7,118
Instruction expenditure per student (in dollars)	4,436	4,916	4,444	4,531	4,023	3,906	4,019	4,108	4,272

¹ The total column includes data for 126 LEAs with unknown locale codes.
² Central city of a consolidated metropolitan statistical area (CMSA) or metropolitan statistical area (MSA) with the city having a population greater than or equal to 250,000.
³ Central city of a CMSA or an MSA with the city having a population of less than 250,000.
⁴ Any incorporated place, Census designated place, or non-place territory within a CMSA or an MSA of a large city and defined as urban by the Census Bureau.
⁵ Any incorporated place, Census designated place, or non-place territory within a CMSA or an MSA of a mid-size city and defined as urban by the Census Bureau.
⁶ Place not within an MSA but with population of 25,000 or more.
⁷ Place not within an MSA with a population of at least 2,500, but less than 25,000.
⁸ Place with a population of less than 2,500 outside a CMSA or an MSA, and designated as rural by the Census Bureau.
⁹ Place with a population of less than 2,500 within a CMSA or an MSA and designated as rural by the Census Bureau.
¹⁰ Average for schools reporting enrollment.
¹¹ Ratio for schools reporting both full-time-equivalent teachers and fall enrollment data.
¹² Property tax and parent government contributions are determined on the basis of independence or dependence of the local school system and are mutually exclusive.
 NOTE: Detail may not sum to totals due to rounding.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), *Local Education Agency Universe Survey, 2000-01*; and U.S. Department of Commerce, Bureau of the Census, *Survey of Local Government Finances*, unpublished data. (This table was prepared September 2003.)

Table 89. Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 2000, and 2001—Continued

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 2000	Enrollment, fall 2001	Percentage distribution of enrollment, by race, fall 2001					Minority	Total num- ber of staff, fall 2001	Student/ staff ratio, fall 2001	Percent dropouts from grades 9–12, 2000–01 ¹					Number of high school grad- uates, 2000– 01 ²	Number of schools, fall 2001	
					White, non- His- panic	Black, non- His- panic	His- panic	Asian/ Pacific Islander	American Indian/ Alaska Native				Grade 9	Grade 10	Grade 11	Grade 12				
																	Total			16
Fontana Unified	CA	27,043	37,244	5	122	6	87.8	9.4	75.9	2.0	0.5	11.6	16	17	18	19	20	21	35	1,667
Fremont Unified	CA	27,172	31,078	5	36.5	6	63.5	4.2	13.9	44.8	0.6	13.3	16	17	18	19	20	21	1,829	1,829
Fresno Unified	CA	71,500	79,007	5	19.2	6	80.8	11.8	40.8	17.8	0.7	10.9	16	17	18	19	20	21	3,530	99
Fullerton Joint Union High	CA	12,729	15,165	5	31.7	6	68.3	2.4	56.1	19.6	0.3	14.1	16	17	18	19	20	21	2,692	8
Garden Grove Unified	CA	37,969	48,742	5	49,809	6	81.3	1.2	22.9	29.8	0.2	12.1	16	17	18	19	20	21	2,614	66
Glendale Unified	CA	25,459	30,329	5	30,314	6	81.3	1.1	22.9	17.7	0.2	11.2	16	17	18	19	20	21	1,948	32
Grossmont Union High	CA	18,647	23,639	5	66.1	6	33.9	7.4	19.8	4.9	1.8	12.3	16	17	18	19	20	21	4,198	15
Hacienda La Puente Unified	CA	23,267	24,646	5	25,282	6	10.0	2.9	69.5	17.2	0.4	11.8	16	17	18	19	20	21	1,322	37
Hayward Unified	CA	19,122	24,205	5	18,169	6	39.8	4.0	46.1	21.1	0.7	12.1	16	17	18	19	20	21	1,163	33
Hemet Unified	CA	12,811	17,451	5	15,360	6	44.7	6.4	32.8	1.9	11.7	11.6	16	17	18	19	20	21	922	20
Hesperia Unified	CA	13,113	15,360	5	15,683	6	55.3	4.4	37.6	1.5	0.7	11.6	16	17	18	19	20	21	817	19
Inglewood Unified	CA	16,355	17,295	5	17,796	6	99.4	41.0	56.2	0.8	0.1	12.5	16	17	18	19	20	21	572	19
Irvine Unified	CA	20,735	23,961	5	24,412	6	55.4	44.6	6.9	34.9	0.5	13.0	16	17	18	19	20	21	1,734	34
Jurupa Unified	CA	15,419	19,839	5	20,017	6	30.9	4.8	61.8	2.1	0.4	11.8	16	17	18	19	20	21	836	24
Kern Union High	CA	20,183	29,333	5	29,788	6	57.2	8.0	44.3	4.0	0.9	11.5	16	17	18	19	20	21	5,626	22
Lake Elsinore Unified	CA	11,000	17,178	5	15,276	6	44.6	4.5	35.8	3.3	0.9	11.9	16	17	18	19	20	21	994	20
Lancaster Elementary	CA	23,954	27,339	5	27,855	6	64.1	26.1	33.5	3.6	0.9	11.5	16	17	18	19	20	21	1,408	18
Lodi Unified	CA	93,694	96,488	5	625,086	6	90.4	12.4	82.7	16.1	0.3	10.6	16	17	18	19	20	21	4,396	90
Long Beach Unified	CA	15,469	18,237	5	17,355	6	99.6	11.2	85.9	1.3	0.1	11.6	16	17	18	19	20	21	781	15
Los Angeles Unified	CA	13,728	15,957	5	16,397	6	80.0	3.4	75.2	2.0	0.1	11.6	16	17	18	19	20	21	1,064	23
Madera Unified	CA	13,356	17,446	5	21,309	6	49.0	51.0	33.0	8.4	1.0	13.5	16	17	18	19	20	21	1,601	27
Manteca City Elementary	CA	17,405	19,158	5	19,158	6	68.2	5.6	33.0	8.4	1.0	13.5	16	17	18	19	20	21	1,601	27
Modesto City Elementary	CA	32,938	34,794	5	35,379	6	97.0	0.4	92.3	4.8	0.4	11.7	16	17	18	19	20	21	1,605	29
Moreno Valley Unified	CA	20,064	32,730	5	33,295	6	74.6	23.5	44.8	5.2	0.1	11.3	16	17	18	19	20	21	2,180	33
Montebello Unified	CA	32,840	36,648	5	36,824	6	60.5	39.5	4.9	12.3	0.4	12.5	16	17	18	19	20	21	1,800	56
Napa Valley Unified	CA	16,392	16,392	5	16,392	6	43.2	2.1	35.2	4.0	1.9	11.7	16	17	18	19	20	21	898	35
Napa Valley Unified	CA	16,434	21,658	5	21,919	6	54.3	45.7	38.4	5.8	0.3	11.1	16	17	18	19	20	21	1,245	31
Newport-Mesa Unified	CA	19,179	23,610	5	23,724	6	18.8	81.2	68.1	8.1	0.1	10.3	16	17	18	19	20	21	1,190	29
Northridge Unified	CA	52,095	54,863	5	53,545	6	5.7	94.3	31.1	17.7	0.5	11.1	16	17	18	19	20	21	1,030	100
Oakland Unified	CA	17,034	22,354	5	22,365	6	31.9	68.1	47.8	8.2	0.7	11.1	16	17	18	19	20	21	1,840	42
Oceanside City Unified	CA	25,224	26,407	5	26,983	6	10.8	89.2	80.0	3.2	0.4	12.2	16	17	18	19	20	21	1,840	42
Ontario-Montclair Elementary	CA	31,097	31,097	5	31,097	6	44.2	55.8	40.4	12.6	0.1	11.1	16	17	18	19	20	21	993	30
Orange Elementary	CA	11,512	14,552	5	15,149	6	10.3	75.3	60.8	3.1	0.9	12.4	16	17	18	19	20	21	848	24
Oxnard Union High	CA	16,355	19,864	5	16,507	6	70.4	5.2	60.8	3.4	0.2	11.4	16	17	18	19	20	21	578	18
Pajaro Valley Joint Unified	CA	14,427	20,847	5	21,532	6	29.6	70.4	75.4	2.1	0.9	9.7	16	17	18	19	20	21	2,470	9
Palm Springs Unified	CA	12,855	16,862	5	17,060	6	36	96.4	49.1	3.0	0.3	12.0	16	17	18	19	20	21	993	30
Paramount Unified	CA	21,802	23,559	5	23,447	6	60.5	39.5	52.2	3.7	0.2	12.3	16	17	18	19	20	21	848	24
Pasadena Unified	CA	26,046	32,479	5	35,070	6	80.0	8.9	80.0	8.8	0.4	12.3	16	17	18	19	20	21	578	18
Pomona Unified	CA	24,662	34,572	5	35,070	6	68.4	31.6	76.0	7.0	0.1	12.4	16	17	18	19	20	21	1,538	30
Porterville Unified	CA	16,002	19,411	5	19,892	6	47.1	52.9	31.1	18.7	0.5	12.0	16	17	18	19	20	21	2,235	39
Redlands Unified	CA	19,794	28,060	5	29,283	6	40.4	10.2	44.2	10.7	1.0	13.2	16	17	18	19	20	21	1,302	21
Rialto Unified	CA	31,326	38,124	5	39,888	6	40.4	22.2	44.2	4.7	0.5	11.7	16	17	18	19	20	21	1,277	26
Riverside Unified	CA	49,557	52,734	5	53,418	6	76.6	92.4	58.3	29.1	0.2	11.2	16	17	18	19	20	21	2,113	44
Rowland Unified	CA	25,130	35,199	5	35,117	6	69.2	30.8	27.3	25.6	1.6	11.1	16	17	18	19	20	21	1,076	22
Sacramento City Unified	CA	141,804	141,804	5	141,804	6	73.1	15.6	39.7	10.4	0.4	13.2	16	17	18	19	20	21	2,334	79
Saddleback Valley Unified	CA	29,630	32,507	5	32,507	6	80.5	89.5	60.0	3.1	0.3	12.3	16	17	18	19	20	21	2,026	37
San Bernardino City Unified	CA	121,152	141,804	5	141,804	6	73.1	15.6	39.7	10.4	0.4	13.2	16	17	18	19	20	21	1,897	65
San Diego City Unified	CA	29,630	32,507	5	32,507	6	80.5	89.5	60.0	3.1	0.3	12.3	16	17	18	19	20	21	2,026	37
San Francisco Unified	CA	61,688	59,979	5	58,566	6	10.5	70.5	15.5	51.9	0.6	11.9	16	17	18	19	20	21	6,534	113
San Jose Unified	CA	29,630	33,015	5	33,015	6	29.5	3.3	50.3	15.3	1.6	12.0	16	17	18	19	20	21	1,830	57
San Juan Unified	CA	47,690	50,266	5	51,383	6	73.9	26.1	11.2	6.0	2.2	10.4	16	17	18	19	20	21	3,345	86
San Ramon Valley Unified	CA	16,119	20,742	5	21,000	6	78.9	21.1	14.7	14.7	0.7	11.8	16	17	18	19	20	21	1,396	29
Santa Ana Unified	CA	45,964	60,643	5	61,909	6	3.7	96.3	91.7	3.7	0.1	11.7	16	17	18	19	20	21	2,330	54
Simi Valley Unified	CA	18,262	21,181	5	21,379	6	71.0	29.0	18.8	7.4	1.2	12.2	16	17	18	19	20	21	1,151	28

See notes at end of table.

Table 89. Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 2000, and 2001—Continued

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 2000	Enrollment, fall 2001	Percentage distribution of enrollment, by race, fall 2001					Pupil/teacher ratio, fall 2001	Total number of staff, fall 2001	Student/staff ratio, fall 2001	Percent dropouts from grades 9-12, 2000-01 ¹					Number of high school graduates, 2000-01 ²	Number of schools, fall 2001		
					White, non-Hispanic	Minority							Total	Grade 9	Grade 10	Grade 11	Grade 12				
						Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native												
Alpine	UT	36,852	47,117	48,296	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Davis	UT	55,558	59,366	59,366	91.2	8.8	0.5	6.0	1.8	0.5	2,057	23.5	2,984	16.2	2.0	0.5	1.0	2.3	4.2	2,893	58
Granite	UT	76,554	71,328	70,822	74.8	9.9	1.3	6.1	2.0	0.5	2,701	22.0	5,227	11.4	1.8	0.6	0.9	5.1	4.2	4,205	83
Jordan	UT	64,991	73,158	73,494	91.8	25.2	1.4	16.1	6.5	1.2	3,423	21.1	5,753	12.5	4.1	1.1	4.8	13.8	5.1	4,307	98
Nebo	UT	16,393	21,094	22,159	92.5	7.5	0.3	5.2	2.0	0.4	3,072	23.9	5,709	12.9	4.4	3.5	4.5	8.9	7.1	4,901	81
Salt Lake City	UT	24,766	25,367	25,161	53.9	46.1	4.1	30.3	9.7	0.9	898	24.7	2,855	13.5	1.4	0.1	0.7	1.3	3.5	1,247	31
Washington	UT	13,264	18,374	18,963	90.1	9.9	0.4	5.8	1.5	2.2	1,239	20.0	2,785	9.0	5.2	6.7	10.0	14.4	1,305	42	
Weber	UT	27,783	27,917	27,917	91.8	8.2	0.9	5.5	1.4	0.4	1,227	22.8	1,531	12.4	2.5	0.1	1.8	3.1	5.4	1,305	30
Arlington County	VA	14,825	18,870	19,109	41.5	58.5	14.2	34.3	9.9	0.3	1,802	10.6	3,307	5.8	2.6	3.3	2.2	2.7	2.0	963	32
Chesapeake City	VA	29,533	37,645	38,010	61.4	38.6	34.7	1.6	1.9	0.1	2,598	14.6	5,361	7.1	3.4	3.7	2.9	3.2	3.7	2,297	46
Fairfax County	VA	44,480	51,212	52,726	70.7	29.3	23.0	3.0	2.7	0.3	3,544	13.0	6,397	8.2	4.5	5.3	4.2	3.6	4.7	3,166	59
Fauquier County	VA	126,766	156,412	160,584	59.0	41.0	10.5	14.0	16.0	0.3	12,310	13.0	22,874	7.0	2.8	2.2	2.5	2.8	3.7	10,514	198
Hampton City	VA	23,290	23,290	23,290	36.3	63.7	59.0	2.4	1.9	0.2	1,749	13.8	3,217	7.2	2.7	2.2	2.7	2.8	3.5	1,357	37
Henrico County	VA	11,328	16,611	17,192	88.4	11.6	9.6	0.8	1.1	0.3	1,243	13.8	2,041	8.4	0.4	0.2	0.3	0.3	1.0	961	20
Loudoun County	VA	32,638	41,655	42,928	58.9	41.1	34.7	2.2	3.9	0.2	2,192	15.4	4,283	8.9	3.1	2.2	2.4	1.9	2.5	1,591	66
Newport News City	VA	14,485	31,804	34,571	76.3	23.7	8.5	8.1	2.5	0.9	1,912	15.8	4,283	8.1	1.8	1.6	1.0	1.7	3.1	1,591	47
Norfolk County	VA	36,541	37,349	37,006	28.0	72.0	67.4	2.4	2.0	0.2	2,755	14.1	4,510	7.4	4.1	4.1	4.2	4.4	4.7	1,268	59
Potomac County	VA	18,405	16,473	16,844	28.2	71.8	69.9	1.0	0.8	0.2	1,151	14.6	2,608	6.5	5.8	5.0	16.5	3.7	1.5	783	29
Prince William County	VA	41,888	54,646	58,017	58.0	42.0	24.1	12.8	4.5	0.5	3,320	17.5	6,304	9.2	5.1	6.1	4.1	5.0	7.3	3,014	74
Richmond City	VA	27,021	27,237	26,840	6.9	93.1	90.8	1.7	0.6	0.1	2,078	12.9	2,536	7.2	2.8	4.8	2.8	1.9	0.5	1,083	63
Spoetry County	VA	12,227	18,876	20,280	77.8	22.2	17.0	3.1	1.8	0.3	1,368	14.8	2,536	8.0	3.1	3.0	2.7	3.7	3.3	1,006	29
Suffolk County	VA	12,555	21,124	22,635	76.2	23.8	17.9	3.4	2.2	0.3	1,402	16.1	2,600	8.7	2.4	1.9	2.3	2.6	3.0	1,362	24
Virginia Beach City	VA	70,266	76,586	75,970	62.0	38.0	28.0	4.0	5.6	0.3	5,213	14.6	9,665	7.9	5.2	4.6	4.5	6.7	5.3	4,458	85
Bellevue	WA	14,748	15,431	15,510	69.3	30.7	2.8	7.5	20.1	0.4	860	18.0	1,847	8.4	—	—	—	—	—	1,066	34
Bethel	WA	11,669	16,029	16,260	73.9	26.1	9.2	5.2	9.2	2.5	784	20.7	1,686	9.6	—	—	—	—	—	859	26
Edmonds	WA	18,868	22,067	22,067	74.6	25.4	4.5	5.8	13.3	1.8	1,102	20.0	2,270	9.7	—	—	—	—	—	1,086	42
Everett	WA	15,343	18,683	18,943	77.5	22.5	4.2	6.1	10.3	1.8	874	21.7	1,861	10.2	—	—	—	—	—	843	34
Evergreen (Clark)	WA	14,810	21,650	22,556	83.3	16.7	3.9	4.7	7.3	1.0	1,196	18.9	2,304	9.8	—	—	—	—	—	1,027	33
Federal Way	WA	16,168	22,623	22,536	61.7	38.3	12.4	8.9	15.6	1.4	1,118	20.3	2,293	9.9	—	—	—	—	—	1,103	37
Highline	WA	16,208	18,024	17,752	48.8	51.2	13.0	15.5	20.4	2.3	898	19.8	1,940	9.2	—	—	—	—	—	945	33
Kent	WA	21,027	26,535	26,670	68.8	31.2	9.5	6.8	13.7	1.2	1,404	19.0	2,886	9.2	—	—	—	—	—	1,500	43
Lake Washington	WA	23,050	23,662	23,762	80.5	19.5	2.2	5.0	11.4	0.7	1,183	20.1	2,396	9.9	—	—	—	—	—	1,465	49
Northshore	WA	17,511	20,255	20,184	83.0	17.0	2.1	5.1	8.7	1.1	994	20.3	2,034	9.9	—	—	—	—	—	1,322	34
Puyallup	WA	15,100	19,757	19,468	84.4	15.6	3.4	4.6	5.9	1.7	994	19.6	1,961	9.9	—	—	—	—	—	1,078	33
Seattle	WA	43,593	47,575	47,449	40.1	59.9	23.1	10.8	23.4	2.6	2,652	17.9	5,658	8.4	—	—	—	—	—	2,448	129
Spokane	WA	29,186	31,725	31,518	86.3	13.7	4.5	2.7	2.8	3.6	1,756	18.0	3,649	8.6	—	—	—	—	—	1,555	69
Tacoma	WA	30,169	34,093	34,146	55.8	44.2	21.0	8.4	12.6	2.2	1,804	18.9	3,799	9.0	—	—	—	—	—	1,440	74
Vancouver	WA	16,423	21,892	22,155	79.9	20.1	4.4	8.9	4.7	2.1	1,125	19.7	2,522	8.8	—	—	—	—	—	1,156	38
Kanawha County	WV	34,284	29,250	28,616	87.5	12.5	11.0	0.4	1.1	0.1	1,950	14.7	3,668	7.8	5.6	6.6	6.0	5.7	6.2	1,698	75
Green Bay Area	WI	18,048	20,104	20,320	73.0	27.0	3.6	9.7	9.0	4.7	1,394	14.6	2,549	8.0	0.1	0.1	1.8	9.8	1.292	1,292	36
Kenosha	WI	16,219	20,099	20,553	72.0	28.0	13.5	12.6	1.5	0.4	1,379	14.9	2,371	8.7	2.1	1.4	2.2	2.6	2.8	1,276	40
Madison Metropolitan	WI	23,214	25,087	24,893	62.4	37.6	18.5	8.3	10.1	0.7	2,070	12.0	3,936	6.3	3.5	2.0	3.4	4.7	4.4	1,589	52
Milwaukee	WI	92,784	97,985	97,762	18.3	81.7	60.3	16.1	4.3	1.0	5,980	16.3	13,651	7.2	10.5	12.3	10.4	9.5	8.3	3,446	208
Racine	WI	21,904	21,102	21,265	59.1	40.9	25.6	13.8	1.2	0.3	1,340	15.9	2,496	8.5	4.9	3.9	3.5	6.7	6.2	1,196	36

² Includes regular and other high school diplomas.
 NOTE: Total enrollment, staff, and teacher data in this table reflect totals reported by school districts and may differ from data derived from summing school level data to school district aggregates. SB=School board, SC=School corporation, ISD=Independent school district. Detail may not sum to totals due to rounding.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2001-02. (This table was prepared September 2003.)

—Not available.
 † Not applicable.
 # Rounds to zero.
 * Alaska, Arizona, Colorado, Idaho, Illinois, Maryland, New Jersey, South Dakota, Tennessee, Virginia, Vermont, and Wisconsin reported data on an alternative July through June cycle, rather than the specified October through September cycle.

Table 90. Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 2000-01—Continued

Table with columns for Name of district, by state; State; Revenues by source of funds; Percentage distribution of revenues; Expenditures, in thousands; Poverty rate of 5- to 17-year-olds, 1999-2000; Current expenditure per pupil; Title I allocations, 2002-03 per poverty child. Rows list various school districts such as South-Western City, Toledo City, Edmond, Lawton, etc.

See notes at end of table.

Table 90. Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 2000-01—Continued

Name of district, by state	State	Revenues by source of funds, in thousands				Percentage distribution of revenues				Total ²	Expenditures, in thousands			Poverty rate of 5- to 17-year-olds, 1999-2000	Current expenditure per pupil ¹	Title I allocations, 2002-03 per pvt. child	
		Total	Federal	State	Local	Total	Federal	State	Local		Total	Instruction	Capital outlay				Interest on school debt
Alpine	UT	287,143	13,208	158,656	65,279	100.0	5.6	66.9	27.5	225,099	193,985	130,182	18,264	8,845	6.5	4,117	980
Davis	UT	315,011	23,656	199,828	92,527	100.0	7.6	69.1	29.5	266,224	169,368	106,165	7,379	8,456	5.4	4,536	975
Granite	UT	412,100	32,298	220,913	157,889	100.0	8.6	58.2	38.2	372,124	210,708	117,900	11,080	4,307	8.3	4,407	1,476
Jordan	UT	145,730	22,143	260,777	39,605	100.0	6.4	60.7	38.6	372,282	241,916	39,706	5,946	3,405	8.2	4,505	649
Nepo	UT	176,953	19,832	98,116	36,850	100.0	6.4	50.7	33.4	160,338	97,457	26,644	3,644	5,449	7.2	4,400	1,165
Sal Lake City	UT	109,267	16,932	96,850	36,850	100.0	1.2	58.3	35.9	160,338	97,457	26,644	3,644	5,449	7.2	4,400	1,165
Washington	UT	139,577	8,323	92,617	38,637	100.0	6.0	66.4	27.7	122,605	81,109	7,940	2,540	4,430	12.2	4,430	936
Weber	UT	193,577	8,323	92,617	38,637	100.0	6.0	66.4	27.7	122,605	81,109	7,940	2,540	4,430	12.2	4,430	936
Arlington County	VA	254,188	9,888	35,684	208,816	100.0	3.8	14.0	82.2	278,809	214,900	43,273	7,127	11,388	9.2	11,388	1,264
Chesapeake City	VA	287,751	14,663	139,080	114,008	100.0	5.5	51.9	42.6	298,999	257,550	24,914	11,906	6,842	9.4	6,842	1,148
Chesapeake County	VA	366,758	14,345	166,943	185,470	100.0	3.9	45.5	50.6	384,793	319,725	50,060	12,246	6,243	6.1	6,243	1,132
Fairfax County	VA	1,587,591	52,036	333,687	1,201,868	100.0	3.3	21.0	75.7	1,615,620	1,413,701	868,443	149,119	9,038	4.9	9,038	1,412
Hampton City	VA	166,993	12,609	96,692	57,692	100.0	7.6	57.9	34.5	168,280	155,352	9,759	638	6,759	14.5	6,759	1,358

See notes at end of table.

Table 90. Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 2000-01—Continued

Name of district, by state	State	Revenues by source of funds, in thousands			Percentage distribution of revenues			Total ²	Expenditures, in thousands			Poverty rate of 5- to 17-year-olds, 1999-2000	Current expenditure per pupil ¹	Title I allocations, 2002-03 per poverty child			
		Total	Federal	State	Local	Total	Federal		State	Local	Total				Instruction	Capital outlay	Interest on school debt
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Hanover County	VA	119,470	3,959	49,304	66,207	100.0	3.3	41.3	55.4	127,577	98,926	65,597	23,123	4,445	4.6	5,955	784
Lenoir County	VA	307,037	12,267	125,329	169,441	100.0	4.0	40.8	55.2	320,837	267,171	164,552	44,180	6,902	8.3	6,414	1,145
Hendrick County	VA	297,604	5,957	70,817	220,830	100.0	2.0	23.8	74.2	402,826	248,762	159,196	140,288	13,039	3.4	7,822	767
Newport News City	VA	238,074	22,025	131,186	84,863	100.0	9.3	55.1	35.6	255,637	219,718	133,288	22,809	6,000	17.0	6,657	1,392
Norfolk City	VA	297,963	28,201	160,921	108,841	100.0	9.5	54.0	36.5	292,831	266,722	162,777	15,799	3,422	22.0	7,141	1,425
Portsmouth City	VA	128,805	12,614	80,747	35,444	100.0	9.8	62.7	27.5	127,575	121,014	71,074	3,225	314	20.7	7,346	1,405
Prince William County	VA	457,000	13,685	198,261	245,054	100.0	3.0	43.4	53.6	506,329	379,772	221,294	90,489	10,719	6.4	6,950	1,145
Richmond City	VA	280,369	27,791	103,017	129,561	100.0	10.7	39.6	49.8	245,353	146,809	156,991	35,13	3,513	25.0	9,008	1,420
Spotsylvania County	VA	148,510	4,500	67,037	76,973	100.0	3.0	45.1	51.8	163,768	124,573	78,399	30,831	7,831	7.2	6,600	1,087
Stafford County	VA	180,217	6,140	77,896	76,181	100.0	3.8	48.6	47.5	160,409	137,372	85,978	15,246	7,647	4.5	6,503	805
Virginia Beach City	VA	546,938	37,194	273,248	236,496	100.0	6.8	50.0	43.2	598,335	509,044	311,668	67,216	13,675	8.5	6,647	1,368
Belleuve	WA	139,920	4,569	70,138	65,213	100.0	3.3	50.1	46.6	129,402	105,661	62,821	21,055	576	5.7	6,847	1,150
Bethel	WA	139,721	6,223	76,626	59,570	100.0	4.5	70.5	23.9	105,215	96,769	56,813	5,521	2,081	9.9	6,037	1,112
Edmonds	WA	167,825	7,521	102,626	59,225	100.0	4.5	60.8	34.7	202,907	139,432	82,818	48,660	2,466	7.9	6,509	1,069
Everett	WA	166,923	6,922	89,119	51,125	100.0	4.6	60.7	34.6	172,986	119,477	71,892	8,998	6,038	9.7	6,398	1,089
Evergreen (Clark)	WA	169,735	6,895	105,705	41,125	100.0	4.1	67.3	26.5	176,362	138,305	81,952	25,606	5,853	10.0	6,398	1,084
Federal Way	WA	157,237	7,540	101,620	37,667	100.0	5.2	67.3	26.5	148,366	134,276	83,802	7,802	5,892	10.5	6,898	1,083
Highline	WA	132,415	8,649	86,273	37,684	100.0	7.4	64.2	28.4	126,756	120,456	69,872	3,662	1,968	11.5	6,863	1,286
Kent	WA	136,402	8,516	100,221	86,664	100.0	4.5	69.2	24.3	194,066	167,065	101,965	14,325	1,865	8.9	6,566	1,100
Lake Washington	WA	209,082	5,516	109,240	89,508	100.0	2.7	57.3	43.9	211,890	150,407	91,859	48,325	11,123	4.1	6,536	812
Northshore	WA	176,684	5,882	104,254	89,808	100.0	3.2	57.3	38.5	212,994	132,531	79,885	26,760	11,623	4.1	6,273	754
Puyallup	WA	157,972	4,384	104,506	89,070	100.0	2.8	57.3	38.5	159,594	123,963	73,945	27,753	7,181	4.8	6,274	1,076
Seattle	WA	480,773	39,786	231,568	209,770	100.0	8.2	46.2	43.6	639,868	384,493	216,470	118,104	5,238	12.8	9,082	1,704
Spokane	WA	284,561	23,781	171,568	126,212	100.0	8.0	59.7	35.0	509,868	274,663	138,078	23,486	5,238	16.9	7,082	1,347
Tacoma	WA	288,910	28,198	168,643	99,669	100.0	10.1	57.7	32.1	272,383	240,186	138,978	30,931	4,162	17.4	7,445	1,397
Vancouver	WA	170,174	11,309	108,904	55,761	100.0	6.8	62.2	31.0	165,688	143,415	85,561	13,282	8,411	15.5	6,551	1,299
Kanawha County	WV	251,441	21,934	129,576	99,931	100.0	8.7	51.5	39.7	251,161	223,149	133,322	17,440	1,571	19.3	7,629	1,508
Green Bay Area	WI	188,526	13,445	100,749	74,332	100.0	7.1	53.4	39.4	209,755	162,642	105,500	39,411	6,957	9.9	8,090	1,279
Kenosha	WI	177,113	11,500	106,660	58,953	100.0	6.5	60.2	33.3	178,555	163,808	100,735	8,942	4,697	10.5	8,150	1,577
Madison Metropolitan	WI	275,383	14,029	90,346	171,008	100.0	5.1	32.8	62.1	293,379	256,079	158,819	28,420	3,664	11.1	10,208	1,466
Milwaukee	WI	1,026,302	120,838	660,061	245,403	100.0	11.8	64.3	23.9	1,007,365	909,592	547,708	61,326	0	24.0	9,283	2,075
Racine	WI	192,731	13,352	122,061	57,318	100.0	6.9	63.3	29.7	183,720	171,652	108,475	8,070	3,418	12.1	8,134	1,536

NOTE: Detail may not sum to totals due to rounding. SB=School board. SC=School Corporation. ISD=Independent school district.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 2000-01, and U.S. Department of Commerce, "Survey of Local Government Finances." (This table was prepared August 2003.)

—Not available
 † Not applicable.
 1 Current expenditure per pupil based on fall enrollment collected by the Bureau of the Census.
 2 Includes other expenditures not shown separately.

Table 91. Enrollment, poverty, and federal funds for the 100 largest school districts: Selected years, 1999–2000 to 2003–04—Continued

Name of district, by enrollment size	State	Rank order	Enrollment, fall 2001	5- to 17-year-old population below poverty level, 1999–2000	5- to 17-year-old population, 1999–2000	Poverty rate of 5- to 17-year-old population, 1999–2000	Revenues by source of funds, 2000–01		Federal revenue per student, 2000–01	Revenue for selected federal programs, in thousands, 2000–01							Title I allocations for 2003–04, in thousands			
							Total	Federal		Federal as a percent of total	Title I, basic and concentration grants	School lunch	Vocational education	Drug-free schools	Eschschower math and science	Special education	Basic grants	Concentration grants	Targeted grants	Education incentive grants
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Volusia County	FL	57	62,599	68,205	10,291	15.1	445,841	32,723	7.3	532	10,161	8,487	806	345	272	7,666	7,386	1,616	1,917	1,496
Boston	MA	58	62,141	84,513	25,062	29.7	911,851	58,100	6.4	922	24,029	9,662	1,565	539	774	8,913	25,522	5,584	7,851	8,517
Tucson Unified	AZ	59	62,104	76,730	13,868	18.1	422,137	43,838	10.4	699	11,850	11,193	1,394	347	407	7,742	2,176	2,795	2,969	2,969
Santa Ana Unified	CA	60	61,909	63,711	15,590	24.5	462,602	41,938	9.1	702	7,251	14,414	889	2,609	214	4,978	11,032	2,554	3,391	2,738
Greenville County	SC	61	61,268	70,408	9,430	13.4	481,652	28,500	5.9	476	6,016	7,880	1,220	249	240	8,212	6,791	1,572	1,885	2,316
Lee County	FL	62	60,718	63,418	9,508	15.0	462,222	36,503	7.9	625	7,271	9,202	925	194	296	6,920	5,129	1,419	1,695	1,323
Alfington Independent	TX	63	60,222	64,370	8,561	13.3	401,736	20,864	5.2	354	3,093	7,954	399	476	200	4,555	5,365	1,381	1,597	1,310
Davis	UT	64	59,366	60,634	3,291	7.4	315,011	23,856	7.6	400	3,719	5,645	885	181	151	4,187	2,087	0	531	590
San Francisco Unified	CA	65	58,566	61,169	13,393	16.5	462,344	37,149	8.0	619	11,647	9,935	2,530	2,901	2,387	41	11,698	2,560	3,030	2,447
Washoe County	NV	66	58,532	60,862	7,144	11.7	370,823	21,744	5.9	391	3,067	5,664	482	243	255	5,347	4,531	1,049	1,161	799
Prince William County	VA	67	58,017	60,195	3,829	6.4	457,000	13,685	3.0	250	1,721	4,236	471	204	204	4,399	2,978	0	689	719
San Antonio Independent	TX	68	57,462	64,022	22,550	35.2	494,681	65,198	13.2	1,138	22,610	20,215	1,152	681	532	4,165	18,210	3,983	5,107	4,750
Atlanta City	GA	69	56,586	66,131	22,888	34.6	794,993	57,368	7.2	985	23,751	13,558	2,100	216	164	2,472	20,953	4,585	5,653	6,460
Fort Bend Independent	TX	70	56,186	58,910	4,331	4.3	376,222	12,204	3.2	226	2,571	3,191	420	216	216	3,190	3,114	0	743	580
San Bernardino City Unified	CA	71	54,166	56,982	20,457	35.9	400,126	40,277	10.1	774	14,938	14,602	545	175	327	4,798	14,898	3,421	4,725	3,815
Oakland Unified	CA	72	53,545	71,490	21,404	29.9	491,702	51,521	10.5	939	13,796	13,796	964	2,655	2,383	5,086	16,591	3,660	5,092	4,112
Sacramento City Unified	CA	73	53,418	62,170	18,286	29.4	448,894	53,753	12.0	1,019	16,829	11,758	837	822	460	4,930	16,308	3,568	4,242	3,425
Alaine Independent	TX	74	53,332	51,942	11,474	22.1	392,734	36,947	9.4	703	8,372	15,330	545	565	346	4,659	8,060	1,866	2,343	2,042
North East Independent	TX	75	53,218	58,613	6,165	10.5	402,805	19,521	4.8	384	3,215	6,275	317	277	221	4,867	4,315	0	1,086	860
Portland	OR	76	52,908	60,504	8,144	13.5	478,812	45,548	9.5	857	11,697	12,099	773	2,630	394	3,150	8,100	1,772	1,971	2,609
Chesterfield County	VA	77	52,726	55,914	3,412	6.1	366,758	14,345	3.9	280	2,249	2,382	636	278	190	5,349	2,651	0	596	616
Pasco County	FL	78	52,675	51,380	7,887	15.4	371,878	30,182	8.1	607	6,461	8,390	373	206	237	7,139	5,484	1,200	1,312	1,024
Gallatin Independent	TX	79	52,591	55,127	4,837	8.8	322,791	17,453	5.4	347	2,790	5,751	317	208	185	3,844	3,365	0	815	638
East Baton Rouge Parish	LA	80	52,350	78,965	15,718	19.9	405,651	44,635	11.0	823	12,626	14,821	1,347	387	177	5,740	10,137	2,347	3,120	2,950
Knox County	TN	81	51,866	61,722	8,459	13.7	317,457	19,808	6.2	584	5,726	6,101	121	290	241	6,212	5,610	1,299	1,522	1,555
Cumberland County	NC	82	51,434	54,989	9,911	18.0	341,141	29,715	8.7	584	7,274	10,931	2,895	234	302	4,191	6,785	1,571	1,903	1,933
San Juan Unified	CA	83	51,383	57,056	7,456	13.1	416,226	26,540	6.4	528	6,656	5,593	325	732	143	4,624	5,665	1,312	1,478	1,193
Jefferson Parish	LA	84	50,766	85,029	16,487	19.4	351,463	40,329	11.5	792	12,863	12,356	888	1,021	421	4,687	10,656	2,467	3,305	3,124
Elk Grove Unified	CA	85	49,970	50,345	7,845	15.6	432,181	19,613	4.5	411	3,819	6,397	278	127	162	3,494	6,156	1,425	1,653	1,335
Garden Grove Unified	CA	86	49,809	54,569	10,304	18.9	354,087	29,750	8.4	610	12,925	10,354	416	225	416	3,838	8,010	4,218	2,314	1,868
Anchorage	AK	87	49,767	55,838	4,421	7.9	388,725	41,802	10.8	844	6,552	5,791	844	670	241	3,880	5,306	1,105	1,985	1,907
Plano Independent	TX	88	49,091	54,438	2,705	5.0	445,512	10,341	2.3	219	1,077	2,016	254	194	131	2,892	8,060	1,866	2,291	3,347
Wichita	KS	89	48,852	58,228	9,476	16.3	355,775	35,563	10.0	737	11,051	8,603	2,582	393	257	2,892	8,060	1,866	2,291	3,347
Alpine	UT	90	48,296	49,039	3,178	6.5	237,143	13,208	5.6	280	3,326	3,337	446	131	123	3,014	2,032	0	513	569
Clayton County	GA	91	48,232	51,195	7,691	15.0	354,154	23,082	6.5	492	3,235	10,094	233	201	157	3,427	5,908	1,368	1,541	1,519
Minneapolis	MN	92	48,155	58,982	13,685	23.2	614,522	42,807	7.0	877	14,261	13,049	77	381	384	4,092	11,150	2,855	3,374	4,436
Seattle	WA	93	47,449	61,734	7,796	12.6	480,775	39,196	8.2	824	11,238	6,343	588	573	345	4,590	7,120	2,630	1,606	1,925
Ysleta Independent	TX	94	46,811	44,503	13,138	29.5	320,105	35,933	11.2	775	11,190	11,088	728	184	309	2,942	9,860	2,157	2,704	2,396
Capistrano Unified	CA	95	46,756	56,434	3,462	6.1	324,189	10,449	3.2	232	1,790	2,182	118	200	136	3,627	2,473	0	557	450
Howard County	MD	96	46,257	51,295	2,283	4.5	426,630	10,664	2.5	237	1,369	1,618	292	150	96	3,730	1,997	0	0	0
Omaha	NE	97	45,782	58,810	8,980	15.3	342,561	35,715	10.4	790	10,215	9,524	924	394	351	5,242	7,482	1,732	2,140	2,777
Forsyth County-Winston Salem	NC	98	45,707	52,728	7,738	14.7	339,299	21,347	6.3	477	—	6,565	—	—	—	—	5,301	1,227	1,374	1,396
Caddo Parish	LA	99	44,859	50,084	13,612	27.2	322,918	31,880	9.9	707	9,993	9,407	969	264	294	4,593	8,780	2,033	2,636	2,492
Buffalo City	NY	100	44,849	56,189	22,052	39.2	553,335	68,983	12.5	1,509	24,231	13,853	740	318	20	7,103	21,028	4,869	6,778	4,578

—Not available.
 1 Federal revenue per student is based on fall enrollment collected by the Bureau of the Census.
 2 Data are for 1999–2000.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), “National Public Education Financial Survey,” 2000–01, and the U.S. Department of Commerce, “Survey of Local Government Finances.” (This table was prepared September 2003.)

Table 92. Public elementary and secondary schools, by type of school: 1967–68 to 2001–02

Year	Total, all public schools	Schools with reported grade spans										Other schools ⁶	
		Total	Elementary schools				Secondary schools						Combined elementary/secondary schools ⁵
			Total ¹	Middle schools ²	One-teacher schools	Other elementary schools	Total ³	Junior high ⁴	3-year or 4-year high schools	5-year or 6-year high schools	Other secondary schools		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1967–68	—	94,197	67,186	—	4,146	63,040	23,318	7,437	10,751	4,650	480	3,693	—
1970–71	—	89,372	64,020	2,080	1,815	60,125	23,572	7,750	11,265	3,887	670	1,780	—
1972–73	—	88,864	62,942	2,308	1,475	59,159	23,919	7,878	11,550	3,962	529	2,003	—
1974–75	—	87,456	61,759	3,224	1,247	57,288	23,837	7,690	11,480	4,122	545	1,860	—
1975–76	88,597	87,034	61,704	3,916	1,166	56,622	23,792	7,521	11,572	4,113	586	1,538	1,563
1976–77	—	86,501	61,123	4,180	1,111	55,832	23,857	7,434	11,658	4,130	635	1,521	—
1978–79	—	84,816	60,312	5,879	1,056	53,377	22,834	6,282	11,410	4,429	713	1,670	—
1980–81	85,982	83,688	59,326	6,003	921	52,402	22,619	5,890	10,758	4,193	1,778	1,743	2,294
1982–83	84,740	82,039	58,051	6,875	798	50,378	22,383	5,948	11,678	4,067	690	1,605	2,701
1983–84	84,178	81,418	57,471	6,885	838	49,748	22,336	5,936	11,670	4,046	684	1,611	2,760
1984–85	84,007	81,147	57,231	6,893	825	49,513	22,320	5,916	11,671	4,021	712	1,596	2,860
1986–87	83,455	82,190	58,801	7,452	763	50,586	21,406	5,142	11,453	4,197	614	1,983	1,265
1987–88	83,248	81,416	57,575	7,641	729	49,205	21,662	4,900	11,279	4,048	1,435	2,179	1,832
1988–89	83,165	81,579	57,941	7,957	583	49,401	21,403	4,687	11,350	3,994	1,372	2,235	1,586
1989–90	83,425	81,880	58,419	8,272	630	49,517	21,181	4,512	11,492	3,812	1,365	2,280	1,545
1990–91	84,538	82,475	59,015	8,545	617	49,853	21,135	4,561	11,537	3,723	1,314	2,325	2,063
1991–92	84,578	82,506	59,258	8,829	569	49,860	20,767	4,298	11,528	3,699	1,242	2,481	2,072
1992–93	84,497	82,896	59,676	9,152	430	50,094	20,671	4,115	11,651	3,613	1,292	2,549	1,601
1993–94	85,393	83,431	60,052	9,573	442	50,337	20,705	3,970	11,858	3,595	1,282	2,674	1,962
1994–95	86,221	84,476	60,808	9,954	458	50,396	20,904	3,859	12,058	3,628	1,359	2,764	1,745
1995–96	87,125	84,958	61,165	10,205	474	50,486	20,997	3,743	12,168	3,621	1,465	2,796	2,167
1996–97	88,223	86,092	61,805	10,499	487	50,819	21,307	3,707	12,424	3,614	1,562	2,980	2,131
1997–98	89,508	87,541	62,739	10,944	476	51,319	21,682	3,599	12,734	3,611	1,738	3,120	1,967
1998–99	90,874	89,259	63,462	11,202	463	51,797	22,076	3,607	13,457	3,707	1,305	3,721	1,615
1999–2000	92,012	90,538	64,131	11,521	423	52,187	22,365	3,566	13,914	3,686	1,199	4,042	1,474
2000–01	93,273	91,691	64,601	11,696	411	52,494	21,994	3,318	13,793	3,974	909	5,096	1,582
2001–02	94,112	92,696	65,228	11,983	408	52,837	22,180	3,285	14,070	3,917	908	5,288	1,416

—Not available.

¹ Includes schools beginning with grade 6 or below and with no grade higher than 8.

² Includes schools with grade spans beginning with 4, 5, or 6 and ending with grade 6, 7, or 8.

³ Includes schools with no grade lower than 7.

⁴ Includes schools with grades 7 and 8 or grades 7 through 9.

⁵ Includes schools beginning with grade 6 or lower and ending with grade 9 or above.

⁶ Includes special education, alternative, and other schools not classified by grade span.

⁷ Because of revision in data collection procedures, figures not comparable to data for other years.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; 1967–68 and 1975–76; Statistics of Public Elementary and Secondary Day Schools, 1970–71, 1972–73, 1974–75, and 1976–77 through 1980–81; and The NCES Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1982–83 through 2001–02.* (This table was prepared April 2003.)

Table 93. Public elementary and secondary schools and enrollment, by type and size of school: 2001–02

Enrollment size of school	Number of schools, by type						Enrollment, by type of school ¹					
	Total ²	Elementary ³	Secondary ⁴		Combined elementary/secondary ⁵	Other ²	Total ²	Elementary ³	Secondary ⁴		Combined elementary/secondary ⁵	Other ²
			All schools	Regular schools ⁶					All schools	Regular schools ⁶		
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	94,112	65,228	22,180	18,382	5,288	1,416	47,518,623	30,945,876	15,215,033	14,737,809	1,275,287	82,427
Percent ⁷	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Under 100	10.76	6.21	15.63	8.34	45.31	58.53	0.94	0.64	1.00	0.59	6.36	18.57
100 to 199	9.77	8.73	11.18	10.20	16.27	21.07	2.81	2.77	2.28	1.86	8.82	21.59
200 to 299	11.52	12.85	8.14	8.34	8.66	9.03	5.59	6.83	2.83	2.59	7.93	15.91
300 to 399	13.32	15.67	7.73	8.32	7.22	4.82	8.96	11.50	3.75	3.60	9.38	11.22
400 to 499	13.14	15.89	6.73	7.39	5.36	3.55	11.34	14.95	4.20	4.11	8.93	12.11
500 to 599	10.94	13.11	6.04	6.66	4.34	0.84	11.51	15.03	4.63	4.54	8.80	3.30
600 to 699	8.13	9.43	5.48	6.19	3.09	0.50	10.11	12.78	4.95	4.97	7.40	2.36
700 to 799	5.76	6.38	4.80	5.45	2.25	0.50	8.27	9.98	5.01	5.06	6.18	2.80
800 to 999	6.92	6.90	8.08	9.19	2.97	0.33	11.82	12.79	10.07	10.20	9.73	2.10
1,000 to 1,999	6.07	4.18	12.67	14.40	2.99	0.50	13.95	10.23	21.64	21.89	13.22	4.49
1,500 to 1,999	2.15	0.53	7.40	8.52	0.95	0.00	7.08	1.87	17.78	18.20	6.08	0.00
2,000 to 2,999	1.27	0.12	5.01	5.77	0.36	0.33	5.74	0.57	16.49	16.90	3.09	5.55
3,000 or more	0.27	0.01	1.09	1.25	0.23	0.00	1.87	0.07	5.37	5.49	4.07	0.00
Average enrollment ⁷	520	477	718	807	270	138	520	477	718	807	270	138

¹ These enrollment data should be regarded as approximations only. Totals differ from those reported in other tables because this table represents data reported by schools rather than by states or school districts. Percentage distribution and average enrollment calculations exclude data for schools not reporting enrollment.

² Includes special education, alternative, and other schools not classified by grade span.

³ Includes schools beginning with grade 6 or below and with no grade higher than 8.

⁴ Includes schools with no grade lower than 7.

⁵ Includes schools beginning with grade 6 or below and ending with grade 9 or above.

⁶ Excludes special education schools, vocational schools, and alternative schools.

⁷ Data are for schools reporting their enrollment size.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2001–02. (This table was prepared April 2003.)

Table 94. Average size and distribution of enrollment of public elementary and secondary schools, by type: Selected years, 1982–83 to 2001–02

Year	Average enrollment size of schools, by type						Percentage distribution of schools, by size of enrollment							
	Total ¹	Elementary ²	Secondary ³		Combined elementary/secondary ⁴	Other ¹	Under 200	200 to 299	300 to 399	400 to 499	500 to 599	600 to 699	700 to 999	1,000 or more
			All schools	Regular schools ⁵										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1982–83	478	399	719	—	478	142	21.9	13.8	15.5	13.1	10.2	7.1	10.2	8.3
1983–84	480	401	720	—	475	145	21.7	13.7	15.5	13.2	10.2	7.1	10.3	8.3
1984–85	482	403	721	—	476	146	21.5	13.6	15.5	13.2	10.3	7.1	10.4	8.4
1987–88	490	424	695	711	420	122	20.3	12.9	14.9	13.8	11.1	7.8	11.2	8.0
1988–89	494	433	689	697	412	142	20.0	12.5	14.7	13.8	11.4	8.0	11.6	8.0
1989–90	493	441	669	689	402	142	19.8	12.2	14.5	13.7	11.5	8.3	12.0	7.9
1990–91	497	449	663	684	398	150	19.7	11.9	14.2	13.6	11.7	8.5	12.3	8.1
1991–92	507	458	677	717	407	152	19.1	11.7	14.1	13.5	11.8	8.6	12.8	8.5
1992–93	513	464	688	733	423	135	18.6	11.6	13.9	13.5	11.9	8.7	13.1	8.7
1993–94	518	468	693	748	418	136	18.6	11.5	13.6	13.5	11.7	8.8	13.3	9.0
1994–95	520	471	696	759	412	131	18.6	11.4	13.6	13.4	11.8	8.7	13.3	9.2
1995–96	525	476	703	771	401	136	18.5	11.2	13.5	13.4	11.8	8.8	13.4	9.4
1996–97	527	478	703	777	387	135	18.7	11.3	13.2	13.2	11.8	8.8	13.6	9.5
1997–98	525	478	699	779	374	121	19.3	11.2	13.1	13.3	11.6	8.6	13.4	9.6
1998–99	524	478	707	786	290	135	19.6	11.2	13.1	13.2	11.5	8.5	13.3	9.6
1999–2000	521	477	706	785	282	123	20.0	11.3	13.3	13.2	11.2	8.4	13.1	9.5
2000–01	519	477	714	795	274	136	20.4	11.4	13.2	13.3	11.0	8.2	12.9	9.6
2001–02	520	477	718	807	270	138	20.5	11.5	13.3	13.1	10.9	8.1	12.7	9.7

—Not available.

¹Includes special education, alternative, and other schools not classified by grade span.

²Includes schools beginning with grade 6 or below and with no grade higher than 8.

³Includes schools with no grade lower than 7.

⁴Includes schools beginning with grade 6 or below and ending with grade 9 or above.

⁵Excludes special education schools, vocational schools, and alternative schools.

NOTE: Data reflect reports by schools rather than by states or school districts. Percentage distribution and average enrollment calculations exclude data for schools not reporting enrollment. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1982–83 through 2001–02. (This table was prepared April 2003.)

Table 95. Race/ethnicity of public elementary and secondary school students, by enrollment concentration of school: Fall 1995 and fall 2001

Racial/ethnic group	Distribution of students in racial/ethnic group, by percent minority of school							Distribution of students in each racial/ethnic group, by percent of that racial/ethnic group in the school						
	Total	Less than 10 percent minority	10 to 24 percent minority	25 to 49 percent minority	50 to 74 percent minority	75 to 89 percent minority	90 percent or more minority	Total	Less than 10 percent of group	10 to 24 percent of group	25 to 49 percent of group	50 to 74 percent of group	75 to 89 percent of group	90 percent or more of group
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Number of students enrolled, 1995														
Total	44,424,467	14,508,573	8,182,484	8,261,110	5,467,784	2,876,302	5,128,214	—	—	—	—	—	—	—
White	28,736,961	13,939,633	6,812,196	5,246,785	2,094,440	499,884	144,023	28,736,961	143,787	498,649	2,084,689	5,244,015	6,813,804	13,952,017
Minority	15,687,506	568,940	1,370,288	3,014,325	3,373,344	2,376,418	4,984,191	—	—	—	—	—	—	—
Black	7,510,678	198,386	598,716	1,588,850	1,622,448	941,335	2,560,943	7,510,678	657,403	1,119,556	1,873,303	1,386,802	811,898	1,661,716
Hispanic	6,016,293	174,140	415,761	932,949	1,289,184	1,099,109	2,105,150	6,016,293	646,364	847,792	1,359,649	1,360,020	874,878	927,590
Asian/Pacific Islander	1,656,787	142,886	259,335	367,888	379,110	297,680	209,888	1,656,787	703,101	435,495	301,984	135,001	67,558	13,648
American Indian/Alaskan Native	503,748	53,528	96,476	124,638	82,602	38,294	108,210	503,748	223,244	75,019	63,070	39,200	15,084	88,131
Number of students enrolled, 2001														
Total	46,560,366	12,281,367	8,814,821	8,993,351	6,175,246	3,626,789	6,668,792	—	—	—	—	—	—	—
White	27,994,500	11,746,270	7,336,464	5,721,290	2,364,541	625,009	200,926	27,994,500	200,427	623,697	2,353,738	5,719,675	7,338,201	11,758,762
Minority	18,565,866	535,097	1,478,357	3,272,061	3,810,705	3,001,780	6,467,866	—	—	—	—	—	—	—
Black	7,922,257	174,453	558,418	1,478,439	1,655,684	1,045,513	3,009,750	7,922,257	760,986	1,234,282	1,914,421	1,342,901	866,037	1,803,630
Hispanic	8,082,984	181,280	516,438	1,177,420	1,612,326	1,545,819	3,049,701	8,082,984	765,107	1,096,285	1,797,880	1,834,022	1,221,223	1,368,467
Asian/Pacific Islander	2,000,650	130,745	300,894	468,598	443,497	364,345	292,571	2,000,650	825,639	551,346	341,235	181,189	85,156	16,085
American Indian/Alaskan Native	559,975	48,619	102,607	147,604	99,198	46,103	115,844	559,975	260,376	80,329	77,846	42,589	17,190	81,645
Percent of students enrolled, 1995														
Total	100.0	32.7	18.4	18.6	12.3	6.5	11.5	—	—	—	—	—	—	—
White	100.0	48.5	23.7	18.3	7.3	1.7	0.5	100.0	0.5	1.7	7.3	18.2	23.7	48.6
Minority	100.0	3.6	8.7	19.2	21.5	15.1	31.8	—	—	—	—	—	—	—
Black	100.0	2.6	8.0	21.2	21.6	12.5	34.1	100.0	8.8	14.9	24.9	18.5	10.8	22.1
Hispanic	100.0	2.9	6.9	15.5	21.4	18.3	35.0	100.0	10.7	14.1	22.6	22.6	14.5	15.4
Asian/Pacific Islander	100.0	8.6	15.7	22.2	22.9	18.0	12.7	100.0	42.4	26.3	18.2	8.1	4.1	0.8
American Indian/Alaskan Native	100.0	10.6	19.2	24.7	16.4	7.6	21.5	100.0	44.3	14.9	12.5	7.8	3.0	17.5
Percent of students enrolled, 2001														
Total	100.0	26.4	18.9	19.3	13.3	7.8	14.3	—	—	—	—	—	—	—
White	100.0	42.0	26.2	20.4	8.4	2.2	0.7	100.0	0.7	2.2	8.4	20.4	26.2	42.0
Minority	100.0	2.9	8.0	17.6	20.5	16.2	34.8	—	—	—	—	—	—	—
Black	100.0	2.2	7.0	18.7	20.9	13.2	38.0	100.0	9.6	15.6	24.2	17.0	10.9	22.8
Hispanic	100.0	2.2	6.4	14.6	19.9	19.1	37.7	100.0	9.5	13.6	22.2	22.7	15.1	16.9
Asian/Pacific Islander	100.0	6.5	15.0	23.4	22.2	18.2	14.6	100.0	41.3	27.6	17.1	9.1	4.3	0.8
American Indian/Alaskan Native	100.0	8.7	18.3	26.4	17.7	8.2	20.7	100.0	46.5	14.3	13.9	7.6	3.1	14.6

— Not applicable.

NOTE: Data reflect racial/ethnic data reported by schools. Because some schools do not report complete racial/ethnic data, totals may differ from figures in other tables. Excludes 1995 data for Idaho and 2001 data for Tennessee because racial/ethnic data were not reported. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1995 and 2001. (This table was prepared April 2003.)

Table 96. Public elementary and secondary schools, by type and state or jurisdiction: 1990–91 to 2001–02

State or jurisdiction	Total, all schools, 1990–91	Total, all schools, 1995–96	Total, all schools, 2000–01	Number of schools, 2001–02										
				Total	Elementary ¹	Secondary ²	Combined elementary/secondary ³			Other ⁴	Alternative ⁵	Special education ⁵	One-teacher schools ⁵	
							Total	Pre-kindergarten, kindergarten, or 1st grade to grade 12	Other schools ending with grade 12					Other combined schools
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	84,538	87,125	93,273	94,112	65,228	22,180	5,288	2,784	2,001	503	1,416	5,483	1,987	408
Alabama	1,297	1,319	1,517	1,526	917	401	207	134	54	19	1	76	28	0
Alaska	498	495	515	522	193	92	237	222	9	6	0	33	2	24
Arizona	1,049	1,133	1,724	1,815	1,173	459	133	71	42	20	50	78	13	7
Arkansas	1,098	1,098	1,138	1,153	717	420	16	4	7	5	0	5	0	0
California	7,913	7,876	8,773	8,916	6,435	2,058	421	344	59	18	2	1,127	122	52
Colorado	1,344	1,486	1,632	1,667	1,188	385	77	32	37	8	17	90	22	2
Connecticut	985	1,045	1,248	1,246	877	217	151	120	22	9	1	203	30	0
Delaware	173	181	191	199	135	43	9	5	3	1	12	10	14	0
District of Columbia	181	186	198	198	130	47	5	4	1	0	16	6	10	0
Florida	2,516	2,760	3,316	3,419	2,241	451	727	311	386	30	0	180	131	3
Georgia	1,734	1,763	1,946	1,969	1,589	339	41	17	21	3	0	28	1	0
Hawaii	235	246	261	279	204	57	17	15	1	1	1	1	3	2
Idaho	582	618	673	688	418	232	38	25	11	2	0	68	11	11
Illinois	4,239	4,142	4,342	4,351	3,197	983	138	61	52	25	33	132	264	2
Indiana	1,915	1,924	1,976	1,980	1,419	456	75	26	43	6	30	73	39	0
Iowa	1,588	1,556	1,534	1,521	1,045	428	38	1	37	0	10	37	10	5
Kansas	1,477	1,487	1,430	1,431	996	424	2	1	1	0	9	0	0	0
Kentucky	1,400	1,402	1,526	1,459	1,010	346	85	19	64	2	18	173	12	0
Louisiana	1,533	1,470	1,530	1,540	1,028	329	165	102	56	7	18	117	31	0
Maine	747	726	714	711	533	163	15	11	4	0	0	0	3	7
Maryland	1,220	1,276	1,383	1,385	1,089	256	28	15	9	4	12	65	50	0
Massachusetts	1,842	1,850	1,905	1,908	1,452	330	121	31	25	65	5	38	5	0
Michigan	3,313	3,748	3,998	3,984	2,739	851	158	74	62	22	236	214	175	11
Minnesota	1,590	2,157	2,362	2,408	1,276	753	157	46	72	39	222	555	228	4
Mississippi	972	1,011	1,030	1,037	587	319	116	68	47	1	15	59	0	0
Missouri	2,199	2,256	2,368	2,380	1,567	644	124	42	77	5	45	84	62	1
Montana	900	894	879	871	509	362	0	0	0	0	0	5	2	78
Nebraska	1,506	1,411	1,326	1,307	903	345	48	47	0	1	11	0	58	93
Nevada	354	423	511	531	386	126	10	2	6	2	9	37	14	11
New Hampshire	439	460	526	472	377	95	0	0	0	0	0	0	0	0
New Jersey	2,272	2,279	2,410	2,430	1,883	455	11	2	5	4	81	18	83	0
New Mexico	681	721	765	793	557	200	36	24	10	2	0	58	15	2
New York	4,010	4,149	4,336	4,351	3,119	937	151	79	54	18	144	86	26	1
North Carolina	1,955	1,985	2,207	2,234	1,749	377	81	19	46	16	27	77	20	0
North Dakota	663	613	579	569	331	204	34	33	1	0	0	0	31	5
Ohio	3,731	3,865	3,916	3,912	2,716	948	143	58	43	42	105	48	32	5
Oklahoma	1,880	1,830	1,821	1,824	1,223	589	2	0	1	1	10	3	1	1
Oregon	1,199	1,216	1,273	1,300	962	284	49	33	15	1	5	75	12	13
Pennsylvania	3,260	3,182	3,252	3,251	2,388	795	56	17	23	16	12	13	12	2
Rhode Island	309	310	328	333	265	64	4	3	0	1	0	5	4	0
South Carolina	1,097	1,095	1,127	1,145	844	281	18	7	7	4	2	17	7	1
South Dakota	802	824	769	762	461	276	15	7	8	0	10	32	6	33
Tennessee	1,543	1,563	1,624	1,646	1,223	344	70	37	30	3	9	24	20	0
Texas	5,991	6,638	7,519	7,761	5,077	1,780	887	435	426	26	17	860	133	2
Utah	714	735	793	791	510	246	16	4	8	4	19	53	19	4
Vermont	397	384	393	392	277	69	46	37	8	1	0	2	61	3
Virginia	1,811	1,889	1,969	2,090	1,482	406	48	29	15	4	154	150	59	0
Washington	1,936	2,124	2,305	2,233	1,413	617	165	72	48	45	38	256	82	8
West Virginia	1,015	877	840	822	597	196	21	10	5	6	8	24	11	0
Wisconsin	2,018	2,037	2,182	2,212	1,558	589	65	22	36	7	0	164	12	0
Wyoming	415	410	393	388	263	112	11	6	4	1	2	24	1	15
Bureau of Indian Affairs	—	—	189	189	106	26	56	49	3	4	1	0	0	⁶ 26
Department of Defense dependents schools:														
Domestic schools	—	—	71	70	58	7	5	2	2	1	0	0	0	0
Overseas schools	—	171	156	154	105	38	11	11	0	0	0	0	0	0
Outlying areas														
American Samoa	30	31	31	31	24	6	0	0	0	0	1	0	1	0
Guam	35	35	38	38	34	4	0	0	0	0	0	0	0	0
Northern Marianas	26	24	29	29	24	4	0	0	0	0	1	0	0	0
Puerto Rico	1,619	1,561	1,543	1,538	917	379	201	4	8	189	41	25	29	0
Virgin Islands	33	34	36	36	24	11	1	0	0	1	0	2	0	0

—Not available.

⁶Data are for 1998–99.

¹ Includes schools beginning with grade 6 or below and with no grade higher than 8.

² Includes schools with no grade lower than 7.

³ Includes schools beginning with grade 6 or below and ending with grade 9 or above.

⁴ Includes schools not classified by grade span.

⁵ Schools are also included under elementary, secondary, combined, or other as appropriate.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1990–91 through 2001–02. (This table was prepared April 2003.)

Table 97. Public elementary schools, by grade span, average school size, and state or jurisdiction: 2001–02

State or jurisdiction	Total, all elementary schools	Total, all regular elementary schools ¹	Schools, by grade span						Average number of students per school ²	
			Prekinder- garten, kindergarten, or 1st grade to grades 3 or 4	Prekinder- garten, kindergarten, or 1st grade to grade 5	Prekinder- garten, kindergarten, or 1st grade to grade 6	Prekinder- garten, kin- dergarten, or 1st grade to grade 8	Grades 4, 5, or 6 to 6, 7, or 8	Other grade spans	All elementary schools	Regular elementary schools ¹
1	2	3	4	5	6	7	8	9	10	11
United States	65,228	64,181	4,870	23,189	14,003	5,327	11,983	5,856	477	482
Alabama	917	907	87	306	171	71	195	87	479	481
Alaska	193	192	0	27	111	21	17	17	332	332
Arizona	1,173	1,143	58	222	333	301	155	104	518	524
Arkansas	717	717	99	148	246	6	130	88	378	378
California	6,435	6,273	175	1,937	2,459	739	934	191	624	638
Colorado	1,188	1,182	33	549	246	47	231	82	415	416
Connecticut	877	816	85	326	129	80	155	102	468	473
Delaware	135	133	49	30	6	3	32	15	524	528
District of Columbia	130	130	8	22	74	10	13	3	385	385
Florida	2,241	2,240	32	1,405	174	62	458	110	758	759
Georgia	1,589	1,587	35	922	84	14	384	150	664	665
Hawaii	204	203	3	59	111	6	24	1	574	577
Idaho	418	415	36	94	173	20	63	32	359	361
Illinois	3,197	3,092	322	746	461	731	526	411	439	450
Indiana	1,419	1,407	75	604	378	29	253	80	458	460
Iowa	1,045	1,043	97	346	232	15	218	137	286	287
Kansas	996	996	77	287	274	106	175	77	294	294
Kentucky	1,010	993	50	461	169	91	193	46	431	437
Louisiana	1,028	1,003	100	319	194	78	222	115	456	462
Maine	533	531	71	103	76	110	94	79	248	249
Maryland	1,089	1,052	18	632	128	23	217	71	546	559
Massachusetts	1,452	1,442	204	474	216	91	235	232	431	431
Michigan	2,739	2,727	233	1,114	405	147	529	311	413	413
Minnesota	1,276	1,116	113	324	404	56	206	173	405	448
Mississippi	587	587	81	111	130	43	127	95	523	523
Missouri	1,567	1,555	122	516	335	105	297	192	379	380
Montana	509	506	18	67	224	120	50	30	173	174
Nebraska	903	890	0	0	558	251	68	26	187	189
Nevada	386	379	7	179	98	21	62	19	658	666
New Hampshire	377	377	51	112	51	47	75	41	368	368
New Jersey	1,883	1,869	273	532	221	258	346	253	483	484
New Mexico	557	548	30	208	140	10	111	58	369	372
New York	3,119	3,114	245	1,150	580	114	620	410	601	601
North Carolina	1,749	1,740	63	976	66	109	419	116	534	536
North Dakota	331	331	9	40	197	49	22	14	177	177
Ohio	2,716	2,699	398	811	605	127	516	259	411	413
Oklahoma	1,223	1,223	64	332	184	303	223	117	341	341
Oregon	962	937	2	496	186	78	188	12	383	389
Pennsylvania	2,388	2,388	294	867	518	84	447	178	473	473
Rhode Island	265	264	27	108	43	4	45	38	405	405
South Carolina	844	843	66	396	81	23	220	58	562	562
South Dakota	461	458	19	111	102	117	82	30	178	179
Tennessee	1,223	1,218	138	419	136	194	245	91	503	505
Texas	5,077	4,994	533	1,945	770	108	1,126	595	541	548
Utah	510	510	19	100	332	4	40	15	532	532
Vermont	277	241	14	24	111	66	15	47	216	240
Virginia	1,482	1,469	46	814	154	13	305	150	538	541
Washington	1,413	1,338	74	509	435	60	225	110	437	454
West Virginia	597	594	83	192	146	40	102	34	310	312
Wisconsin	1,558	1,507	120	656	238	100	308	136	356	360
Wyoming	263	262	14	61	108	22	40	18	190	191
Bureau of Indian Affairs Department of Defense dependents schools:	106	106	7	4	23	64	3	5	227	227
Domestic schools	58	58	14	17	4	2	11	10	462	462
Overseas schools	105	105	8	18	51	9	17	2	481	481
Outlying areas										
American Samoa	24	24	1	0	0	21	1	1	496	496
Guam	34	34	0	24	0	0	7	3	680	680
Northern Marianas	24	24	0	0	12	0	1	11	271	271
Puerto Rico	917	885	6	1	873	0	27	10	306	305
Virgin Islands	24	24	0	1	22	0	1	0	441	441

¹ Excludes special education and alternative schools.

² Average for schools reporting enrollment data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Data (CCD), "Public Elementary/Secondary School Universe Survey," 2001–02. (This table was prepared April 2003.)

NOTE: Includes schools beginning with grade 6 or below and with no grade higher than 8. Excludes schools not reported by grade level, such as some special education schools for the disabled.

Table 98. Public secondary schools, by grade span, average school size, and state or jurisdiction: 2001–02

State or jurisdiction	Total, all secondary schools	Total, all regular secondary schools ¹	Schools, by grade span							Vocational schools ²	Average number of students per school ³	
			Grades 7 to 8 and 7 to 9	Grades 7 to 12	Grades 8 to 12	Grades 9 to 12	Grades 10 to 12	Other spans ending with grade 12	Other grade spans		All secondary schools	Regular secondary schools ¹
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	22,180	18,382	3,285	3,302	615	13,391	679	217	691	1,023	718	807
Alabama	401	302	27	99	10	220	31	6	8	76	661	684
Alaska	92	71	19	23	1	47	1	1	0	2	490	601
Arizona	459	418	84	49	6	307	6	2	5	18	691	726
Arkansas	420	399	49	198	4	96	44	2	27	19	432	434
California	2,058	1,272	334	237	33	1,418	13	7	16	0	959	1,472
Colorado	385	317	51	64	12	248	3	2	5	7	631	719
Connecticut	217	174	29	14	3	166	3	1	1	17	853	947
Delaware	43	36	12	1	2	28	0	0	0	5	1,004	1,015
District of Columbia	47	44	11	2	0	30	0	0	4	0	458	471
Florida	451	416	16	42	20	357	3	4	9	36	1,515	1,598
Georgia	339	322	12	4	6	309	3	1	4	0	1,155	1,205
Hawaii	57	56	13	9	0	33	0	0	2	0	1,119	1,136
Idaho	232	163	46	54	5	103	19	0	5	10	441	561
Illinois	983	787	164	68	26	612	13	37	63	26	662	786
Indiana	456	396	72	94	4	253	3	1	29	29	779	813
Iowa	428	395	61	89	1	265	8	2	2	0	415	439
Kansas	424	424	67	85	2	263	7	0	0	0	409	409
Kentucky	346	262	34	70	5	233	3	0	1	10	607	745
Louisiana	329	291	60	45	162	52	1	1	8	8	696	738
Maine	163	136	23	12	1	125	1	0	1	27	524	524
Maryland	256	186	21	5	12	185	26	2	5	26	1,143	1,325
Massachusetts	330	272	34	38	13	236	3	2	4	45	855	904
Michigan	851	694	100	91	25	562	18	4	51	45	684	779
Minnesota	753	461	66	265	31	260	63	29	39	12	444	676
Mississippi	319	224	37	70	10	172	22	1	7	86	644	644
Missouri	644	565	60	193	7	332	26	14	12	61	539	547
Montana	362	358	185	0	0	175	1	0	1	0	176	177
Nebraska	345	345	33	202	0	99	11	0	0	0	341	341
Nevada	126	94	18	20	4	77	1	5	1	3	869	1,091
New Hampshire	95	95	17	0	0	76	1	0	1	0	716	716
New Jersey	455	394	68	36	7	318	8	3	15	51	956	1,029
New Mexico	200	164	38	41	3	108	5	0	5	0	561	653
New York	937	832	98	158	13	595	22	0	51	25	942	989
North Carolina	377	355	19	9	4	330	4	2	9	7	978	1,018
North Dakota	204	197	14	131	3	49	4	1	2	7	238	238
Ohio	948	866	174	133	37	578	11	2	13	72	731	732
Oklahoma	589	589	108	1	0	393	66	3	18	0	347	347
Oregon	284	242	36	33	14	193	5	2	1	0	668	759
Pennsylvania	795	707	101	159	10	399	32	10	84	82	882	891
Rhode Island	64	48	8	2	0	49	3	0	2	11	878	1,001
South Carolina	281	228	29	20	8	200	13	7	4	40	946	950
South Dakota	276	262	91	2	0	180	2	0	1	4	168	171
Tennessee	344	314	32	32	4	262	10	0	4	23	820	831
Texas	1,780	1,445	333	193	18	1,173	11	10	42	25	749	897
Utah	246	203	84	31	8	50	60	1	12	0	831	987
Vermont	69	54	7	23	0	38	0	0	1	14	624	635
Virginia	406	335	31	10	41	260	7	2	55	48	1,061	1,122
Washington	617	446	121	62	27	312	41	20	34	11	607	796
West Virginia	196	145	30	23	3	105	13	6	16	34	550	619
Wisconsin	589	486	75	53	5	401	21	24	10	1	524	621
Wyoming	112	95	33	7	5	59	7	0	1	0	332	371
Bureau of Indian Affairs	26	26	1	8	0	17	0	0	0	0	344	344
Department of Defense dependents schools:												
Domestic schools	7	7	2	0	1	4	0	0	0	0	545	545
Overseas schools	38	38	2	23	1	12	0	0	0	0	472	472
Outlying areas												
American Samoa	6	5	0	0	0	6	0	0	0	1	656	720
Guam	4	4	0	0	0	4	0	0	0	0	2,215	2,215
Northern Marianas	4	4	1	1	0	2	0	0	0	0	979	979
Puerto Rico	379	358	187	28	1	7	147	1	8	14	597	603
Virgin Islands	11	8	6	0	0	4	1	0	0	1	791	973

¹ Excludes vocational, special education, and alternative schools.

² Vocational schools are also included under appropriate grade span.

³ Average for schools reporting enrollment data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2001–02. (This table was prepared April 2003.)

NOTE: Includes schools with no grade lower than 7. Excludes schools not reported by grade level, such as some special education schools for the disabled.

Table 99. Public charter schools and students, by school origin status and selected school characteristics: 1999–2000

Selected school characteristic	Schools and students					School origin status (percentage distribution)		
	Number of schools	Number of students	Average enrollment	Percent of schools	Percent of students	Newly created	Pre-existing public school	Pre-existing private school
1	2	3	4	5	6	7	8	9
Total	1,010 (4.3)	266,721 (3,957)	264 (3.6)	100.0 (0.0)	100.0 (0.0)	73.6 (0.6)	16.5 (0.4)	9.9 (0.4)
State								
Arizona	207 (2.8)	39,860 (1,594)	193 (7.1)	20.5 (0.2)	14.9 (0.5)	78.3 (1.4)	5.3 (0.8)	16.4 (1.3)
California	133 (1.3)	64,152 (2,541)	482 (17.4)	13.2 (0.1)	24.1 (0.8)	55.7 (1.8)	43.4 (1.8)	0.9 (0.4)
Michigan	135 (0.6)	36,052 (699)	267 (5.1)	13.4 (0.1)	13.5 (0.3)	76.4 (1.2)	6.5 (0.6)	17.2 (1.0)
All other states	535 (3.7)	126,656 (2,244)	237 (4.1)	53.0 (0.3)	47.5 (0.7)	75.6 (0.8)	16.7 (0.6)	7.8 (0.6)
Locale								
Central city	537 (8.2)	139,307 (3,149)	260 (4.8)	53.1 (0.8)	52.2 (1.0)	76.3 (0.7)	11.9 (0.6)	11.8 (0.6)
Urban fringe/large town	324 (6.9)	108,807 (3,273)	336 (8.3)	32.1 (0.7)	40.8 (1.0)	68.5 (0.9)	23.4 (0.8)	8.1 (0.6)
Rural/small town	150 (5.8)	18,607 (1,040)	124 (4.9)	14.8 (0.6)	7.0 (0.4)	75.4 (1.9)	17.8 (1.6)	6.9 (1.1)
School level								
Elementary	586 (5.9)	158,801 (2,239)	271 (3.6)	58.0 (0.6)	59.5 (0.9)	72.2 (0.6)	17.3 (0.5)	10.5 (0.5)
Secondary	235 (6.4)	58,218 (2,952)	248 (9.7)	23.2 (0.6)	21.8 (0.9)	75.3 (1.5)	18.9 (1.3)	5.8 (0.6)
Combined	190 (5.0)	49,702 (2,192)	262 (10.7)	18.8 (0.5)	18.6 (0.7)	76.0 (1.4)	11.1 (1.0)	12.9 (1.2)
Enrollment								
Less than 300	730 (6.9)	94,271 (1,425)	129 (1.3)	72.3 (0.7)	35.4 (0.8)	78.9 (0.7)	9.2 (0.5)	11.9 (0.5)
300 to 999	251 (6.6)	130,683 (3,569)	520 (5.3)	24.9 (0.6)	49.0 (1.0)	64.4 (1.2)	30.5 (1.0)	5.2 (0.6)
1,000 or more	29 (2.1)	41,766 (3,090)	1,448 (38.4)	2.9 (0.2)	15.7 (1.0)	21.0 (4.0)	79.0 (4.0)	0.0 (0.0)
School origin status								
Newly created	744 (6.6)	166,060 (3,483)	223 (4.1)	73.6 (0.6)	62.3 (0.9)	100.0 (0.0)	† †	† †
Pre-existing public	166 (4.4)	83,811 (2,760)	503 (14.6)	16.5 (0.4)	31.4 (0.9)	† †	100.0 (0.0)	† †
Pre-existing private	100 (4.0)	16,849 (871)	169 (5.5)	9.9 (0.4)	6.3 (0.4)	† †	† †	100.0 (0.0)
Percent minority enrollment								
Less than 10.0	180 (5.3)	41,115 (1,584)	228 (7.6)	17.8 (0.5)	15.4 (0.6)	72.9 (1.4)	17.7 (1.2)	9.4 (0.9)
10.0 to 24.9	197 (6.3)	45,279 (2,163)	230 (8.6)	19.5 (0.6)	17.0 (0.8)	71.7 (1.4)	18.3 (1.2)	10.0 (0.9)
25.0 to 49.9	147 (5.7)	43,462 (2,584)	295 (15.0)	14.6 (0.6)	16.3 (0.9)	74.3 (1.6)	14.8 (1.1)	10.9 (1.2)
50.0 to 75.0	136 (4.8)	36,986 (1,976)	272 (11.1)	13.5 (0.5)	13.9 (0.7)	70.2 (1.9)	22.0 (1.6)	7.8 (1.1)
More than 75.0	349 (7.2)	99,878 (2,939)	286 (6.2)	34.6 (0.7)	37.4 (1.0)	76.2 (0.9)	13.4 (0.7)	10.4 (0.8)

† Not applicable.

NOTE: This tabulation includes all public charter schools operating in the 1998–99 school year. Public charter schools that first opened in the 1999–2000 school year, or later, are not included in these data. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Questionnaire," 1999–2000 and "Charter School Questionnaire," 1999–2000. (This table was prepared December 2002.)

Table 100. Selected characteristics of students, teachers, schools, parent participation, and programs and services in traditional public and public charter elementary and secondary schools, by school level: 1999-2000

Selected characteristic	Total elementary and secondary schools				Elementary schools			Secondary schools			Combined elementary/secondary schools		
	Total, all schools	Traditional	Public charter schools	Total, all schools	Traditional	Public charter schools	Total, all schools	Traditional	Public charter schools	Total, all schools	Traditional	Public charter schools	Total, all schools
Number of schools Enrollment, in thousands	84,735 (285) 45,366 (323)	83,725 (285) 45,100 (323)	1,010 (4.3) 267 (4.0)	60,485 (250) 29,209 (242)	59,900 (250) 29,050 (243)	586 (5.9) 159 (2.2)	20,885 (190) 15,289 (205)	20,651 (190) 15,201 (205)	235 (6.4) 58 (3.0)	3,364 (154) 898 (51)	3,174 (154) 848 (51)	190 (5.0) 50 (2.2)	3,364 (154) 898 (51)
Percentage distribution of students													
Race/ethnicity													
White	63.1 (4.3)	63.2 (4.4)	46.4 (6.9)	61.4 (4.5)	61.4 (4.5)	44.7 (7.8)	66.3 (5.7)	66.4 (5.7)	42.0 (16.1)	66.3 (5.7)	66.4 (5.7)	57.0 (1.6)	66.3 (5.7)
Black	17.0 (0.28)	16.9 (0.28)	27.3 (0.57)	18.1 (0.40)	18.0 (0.40)	31.0 (7.8)	14.9 (0.40)	14.9 (0.40)	23.4 (10.0)	14.9 (0.40)	14.9 (0.40)	19.9 (1.4)	14.9 (0.40)
Hispanic	14.9 (0.35)	14.9 (0.35)	20.8 (0.95)	15.8 (0.46)	15.8 (0.46)	19.5 (0.64)	13.6 (0.47)	13.6 (0.47)	28.9 (1.36)	13.6 (0.47)	13.6 (0.47)	15.5 (1.00)	13.6 (0.47)
Asian/Pacific Islander	3.7 (0.13)	3.7 (0.13)	3.2 (0.17)	3.6 (0.18)	3.6 (0.18)	3.3 (0.27)	4.1 (0.20)	4.1 (0.20)	2.8 (0.22)	4.1 (0.20)	4.1 (0.20)	3.5 (0.49)	4.1 (0.20)
American Indian/Alaska Native	1.2 (0.03)	1.2 (0.03)	2.3 (0.21)	1.2 (0.04)	1.2 (0.04)	1.5 (0.11)	1.1 (0.04)	1.1 (0.04)	3.0 (0.45)	1.1 (0.04)	1.1 (0.04)	4.1 (0.92)	1.1 (0.04)
Percentage distribution of teachers													
Race/ethnicity ¹													
White	83.9 (2.9)	83.9 (2.9)	100.0 (0.0)	82.9 (3.0)	82.9 (3.0)	73.5 (5.9)	100.0 (0.0)	100.0 (0.0)	69.5 (10.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)
Black	8.9 (0.22)	8.9 (0.22)	15.5 (0.50)	9.6 (0.31)	9.5 (0.31)	16.3 (5.5)	7.6 (0.22)	7.6 (0.22)	15.8 (2.00)	7.6 (0.22)	7.6 (0.22)	75.9 (1.17)	7.6 (0.22)
Hispanic	5.2 (0.18)	5.2 (0.18)	8.1 (0.25)	5.5 (0.24)	5.5 (0.24)	7.5 (3.3)	4.8 (0.29)	4.8 (0.29)	10.7 (0.74)	4.8 (0.29)	4.8 (0.29)	12.8 (0.93)	4.8 (0.29)
Asian/Pacific Islander	1.3 (0.06)	1.3 (0.06)	2.0 (0.11)	1.3 (0.08)	1.3 (0.08)	2.0 (0.18)	1.1 (0.06)	1.1 (0.06)	2.4 (0.23)	1.1 (0.06)	1.1 (0.08)	1.7 (0.47)	1.1 (0.08)
American Indian/Alaska Native	0.7 (0.07)	0.7 (0.07)	1.3 (0.17)	0.7 (0.10)	0.7 (0.10)	0.7 (0.07)	0.7 (0.10)	0.7 (0.10)	1.6 (0.34)	0.7 (0.10)	0.7 (0.10)	2.5 (0.70)	0.7 (0.10)
Years of full-time teaching experience													
Less than 3	12.9 (0.27)	12.7 (0.27)	39.9 (0.54)	12.9 (0.42)	12.7 (0.42)	37.5 (5.8)	13.0 (0.23)	13.0 (0.23)	22.9 (0.23)	13.0 (0.23)	13.0 (0.23)	100.0 (0.0)	13.0 (0.23)
3 to 9	28.8 (0.36)	28.7 (0.37)	38.7 (0.46)	29.1 (0.54)	29.0 (0.54)	41.6 (5.1)	28.0 (0.35)	28.0 (0.35)	35.3 (1.31)	28.0 (0.35)	31.6 (0.94)	49.1 (1.50)	28.0 (0.35)
10 to 20	28.5 (0.33)	28.5 (0.33)	13.4 (0.36)	29.3 (0.48)	29.4 (0.48)	13.8 (4.9)	26.4 (0.33)	26.4 (0.33)	12.3 (0.93)	26.4 (0.33)	27.1 (1.02)	13.1 (0.77)	26.4 (0.33)
More than 20	29.8 (0.34)	30.0 (0.34)	8.1 (0.33)	28.7 (0.48)	28.8 (0.48)	7.1 (0.36)	32.7 (0.38)	32.7 (0.38)	14.6 (1.31)	32.7 (0.38)	27.2 (1.16)	6.5 (0.79)	32.7 (0.38)
Percentage distribution of schools													
Size of enrollment													
Less than 300	29.1 (0.51)	28.5 (0.52)	72.2 (0.66)	25.9 (0.67)	25.5 (0.67)	69.3 (8.4)	31.7 (0.76)	31.7 (0.76)	80.2 (1.40)	31.7 (0.76)	31.7 (0.76)	100.0 (0.0)	31.7 (0.76)
300 to 599	39.1 (0.58)	39.4 (0.59)	16.5 (0.55)	46.1 (0.79)	46.4 (0.80)	18.6 (0.76)	19.2 (0.69)	19.2 (0.69)	10.9 (1.2)	19.2 (0.69)	19.2 (0.69)	100.0 (0.0)	19.2 (0.69)
600 to 999	21.7 (0.51)	21.8 (0.51)	8.4 (0.38)	23.3 (0.65)	23.3 (0.65)	9.6 (0.43)	19.0 (0.55)	19.0 (0.55)	3.9 (0.65)	19.0 (0.55)	19.0 (0.55)	100.0 (0.0)	19.0 (0.55)
1,000 or more	10.1 (0.26)	10.2 (0.27)	2.9 (0.20)	4.7 (0.31)	4.8 (0.31)	2.1 (0.22)	26.9 (0.65)	27.1 (0.66)	4.9 (0.70)	26.9 (0.65)	27.1 (0.66)	100.0 (0.0)	26.9 (0.65)
Percent minority enrollment													
Less than 10.0	38.0 (0.49)	38.2 (0.49)	17.8 (0.52)	36.7 (0.53)	36.8 (0.53)	18.5 (0.65)	42.9 (0.72)	43.3 (0.73)	14.3 (1.28)	42.9 (0.72)	43.3 (0.73)	100.0 (0.0)	42.9 (0.72)
10.0 to 24.9	17.4 (0.51)	17.4 (0.51)	19.5 (0.62)	17.1 (0.66)	17.1 (0.67)	19.0 (7.6)	19.0 (0.69)	19.0 (0.69)	14.3 (1.36)	19.0 (0.69)	19.0 (0.69)	100.0 (0.0)	19.0 (0.69)
25.0 to 49.9	16.5 (0.58)	16.5 (0.58)	14.6 (0.56)	16.9 (0.69)	16.9 (0.70)	13.7 (0.64)	15.5 (0.66)	15.5 (0.67)	17.8 (1.26)	15.5 (0.66)	15.5 (0.66)	100.0 (0.0)	15.5 (0.66)
50.0 to 74.9	11.6 (0.46)	11.6 (0.47)	13.0 (0.50)	12.1 (0.60)	12.1 (0.60)	11.9 (0.59)	10.0 (0.47)	9.9 (0.48)	17.8 (1.26)	10.0 (0.47)	10.0 (0.47)	100.0 (0.0)	10.0 (0.47)
75.0 or more	16.5 (0.49)	16.3 (0.50)	35.1 (0.69)	17.1 (0.67)	17.1 (0.67)	36.9 (8.8)	12.6 (0.44)	12.4 (0.44)	35.3 (1.60)	12.6 (0.44)	12.6 (0.44)	100.0 (0.0)	12.6 (0.44)
Percent of students eligible for free or reduced-price lunch													
Less than 15.0	23.5 (0.51)	23.4 (0.52)	29.8 (0.53)	20.5 (0.63)	20.4 (0.64)	30.2 (8.3)	32.9 (0.82)	32.9 (0.82)	18.1 (2.19)	32.9 (0.82)	32.9 (0.82)	100.0 (0.0)	32.9 (0.82)
15.0 to 29.9	19.6 (0.53)	19.7 (0.54)	11.4 (0.41)	22.0 (0.68)	22.0 (0.68)	11.6 (0.57)	22.9 (0.76)	23.0 (0.77)	11.9 (0.90)	22.9 (0.76)	23.0 (0.77)	100.0 (0.0)	22.9 (0.76)
30.0 to 49.9	21.5 (0.53)	21.5 (0.54)	16.7 (0.50)	20.1 (0.66)	20.2 (0.66)	16.7 (0.61)	19.7 (0.69)	19.7 (0.70)	17.1 (1.22)	19.7 (0.69)	19.7 (0.70)	100.0 (0.0)	19.7 (0.69)
50.0 to 74.9	18.6 (0.48)	18.6 (0.48)	16.7 (0.51)	18.3 (0.56)	18.2 (0.57)	14.8 (0.65)	14.1 (0.71)	14.1 (0.71)	19.8 (1.33)	14.1 (0.71)	14.1 (0.71)	100.0 (0.0)	14.1 (0.71)
75.0 or more	16.9 (0.43)	16.7 (0.43)	25.3 (0.58)	18.3 (0.56)	18.2 (0.57)	26.8 (7.6)	10.4 (0.54)	10.3 (0.55)	22.8 (1.28)	10.3 (0.55)	10.3 (0.55)	100.0 (0.0)	10.3 (0.55)
Percent of schools													
More than half of parents participated in: ²													
Open house or back to school night	57.5 (0.70)	57.5 (0.71)	58.5 (0.76)	69.1 (0.94)	69.1 (0.95)	75.2 (8.3)	28.8 (0.83)	28.8 (0.83)	25.5 (1.43)	28.8 (0.83)	28.8 (0.83)	47.5 (1.82)	28.8 (0.83)
Parent-teacher conferences	59.9 (0.46)	59.9 (0.46)	61.7 (0.69)	71.9 (0.60)	71.8 (0.61)	79.8 (6.6)	29.0 (0.73)	29.0 (0.73)	30.8 (1.49)	29.0 (0.73)	29.0 (0.73)	43.9 (1.80)	29.0 (0.73)
Written parent-school contracts	27.0 (0.61)	26.7 (0.62)	49.0 (0.72)	30.5 (0.82)	30.3 (0.83)	54.3 (8.3)	16.6 (0.72)	16.3 (0.73)	40.4 (1.58)	16.3 (0.73)	16.3 (0.73)	43.1 (1.63)	16.3 (0.73)
Instructional issues	3.1 (0.25)	3.1 (0.25)	6.5 (0.43)	3.7 (0.33)	3.7 (0.33)	12.0 (0.61)	1.1 (0.18)	1.1 (0.18)	3.0 (0.61)	1.1 (0.18)	1.1 (0.18)	5.0 (0.91)	1.1 (0.18)
Governance	1.4 (0.18)	1.3 (0.18)	6.5 (0.34)	1.6 (0.24)	1.5 (0.24)	8.9 (5.5)	0.8 (0.14)	0.8 (0.14)	2.5 (0.54)	0.8 (0.14)	0.8 (0.14)	4.3 (0.63)	0.8 (0.14)
School volunteers	6.4 (0.36)	6.2 (0.37)	22.5 (0.59)	8.5 (0.50)	8.3 (0.51)	30.6 (8.7)	1.2 (0.19)	1.1 (0.19)	9.2 (0.93)	1.2 (0.19)	1.1 (0.19)	14.2 (1.20)	1.2 (0.19)
Percent of schools with selected programs and services													
Programs with special instructional approaches	19.9 (0.55)	19.5 (0.56)	54.9 (0.72)	17.7 (0.66)	17.3 (0.67)	51.9 (9.7)	22.8 (0.90)	22.4 (0.91)	54.5 (1.62)	22.8 (0.90)	22.4 (0.91)	64.6 (1.65)	22.8 (0.90)
Talented/gifted program	68.1 (0.62)	68.5 (0.63)	32.2 (0.63)	71.4 (0.76)	71.8 (0.77)	32.8 (7.8)	63.3 (8.3)	63.7 (8.4)	28.5 (1.49)	63.3 (8.3)	63.7 (8.4)	34.7 (1.65)	63.3 (8.3)
Immersion in a foreign language program	12.7 (0.44)	12.7 (0.44)	13.6 (0.53)	11.1 (0.58)	11.1 (0.58)	13.5 (6.9)	18.0 (0.64)	18.0 (0.64)	12.7 (1.39)	18.0 (0.64)	12.7 (1.39)	14.8 (1.20)	18.0 (0.64)
A program for students with discipline or adjustment problems	48.5 (0.68)	48.6 (0.69)	45.6 (0.78)	43.7 (0.85)	43.7 (0.85)	37.8 (6.9)	60.4 (1.16)	60.5 (1.18)	58.9 (1.78)	60.4 (1.16)	60.5 (1.18)	52.9 (1.74)	60.4 (1.16)
Extended day or before-school or after-school day care programs	37.2 (0.64)	37.2 (0.65)	48.5 (0.69)	46.7 (0.89)	46.5 (0.90)	62.9 (8.9)	13.4 (0.59)	13.4 (0.59)	18.2 (1.43)	13.4 (0.59)	13.4 (0.59)	41.8 (1.85)	13.4 (0.59)
Advanced Placement (AP) courses	14.6 (0.21)	14.6 (0.21)	18.5 (0.69)	14.8 (0.69)	14.8 (0.69)	18.5 (6.9)	55.2 (0.85)	55.2 (0.85)	28.4 (1.45)	55.2 (0.85)	28.4 (1.45)	33.1 (1.60)	55.2 (0.85)
Entire school is for suspended students ²	2.8 (0.23)	2.8 (0.23)	6.3 (0.38)	2.8 (0.23)	2.8 (0.23)	6.3 (0.38)	5.3 (0.63)	5.1 (0.63)	17.9 (1.19)	5.3 (0.63)	5.1 (0.63)	9.6 (0.95)	5.3 (0.63)

† Not applicable.
¹ Based on data reported by schools.
² Entire school specifically for students who have been suspended or expelled, who have dropped out, or who have been referred for behavioral or adjustment problems.
 NOTE: This tabulation includes all public charter schools operating in the 1998-99 school year. Public charter schools that first opened in the 1999-2000 school year, or later, are not included in these data. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Questionnaire," 1999-2000 and "Charter School Questionnaire," 1999-2000. (This table was prepared March 2003.)

Table 101. Percent of public schools with building deficiencies and renovation plans, by level, enrollment size, metropolitan status, and free lunch eligibility: 1999

Type of school condition	All public schools		Instructional level ¹		Size of school enrollment			Metropolitan status				Percent of students eligible for free or reduced-price lunch					
	Elementary	Secondary	Less than 300	300 to 599	600 or more	Central city	Urban fringe/large town	Rural/small town	Less than 20 percent	20 to 39 percent	40 to 69 percent	70 percent or more	1	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Estimated number of schools ²	78,313 (632)	59,940	18,095	31,942	28,275	21,294	27,946	29,173	21,216	20,915	20,947	15,234	45,000 (575)				
Estimated enrollment, in thousands	39 (2.0)	40 (2.5)	21 (4.3)	39 (3.1)	50 (2.5)	45 (3.6)	44 (3.1)	29 (2.9)	35 (3.3)	36 (3.0)	42 (3.7)	43 (4.6)	19 (1.6)	16 (1.8)	19 (2.2)	19 (2.2)	19 (2.2)
Percent of schools with temporary buildings	19 (1.6)	17 (2.1)	22 (3.8)	19 (2.4)	18 (2.0)	20 (2.7)	18 (2.6)	19 (2.5)	20 (3.1)	18 (2.4)	16 (2.5)	25 (4.2)	16 (1.8)	17 (2.1)	16 (3.3)	16 (3.3)	30 (5.1)
Percent of buildings in less than adequate condition	19 (2.2)	18 (2.4)	16 (3.5)	22 (3.5)	20 (3.0)	19 (3.8)	18 (3.4)	19 (4.1)	17 (4.4)	13 (3.3)	19 (3.3)	25 (5.3)	19 (2.2)	18 (2.4)	19 (3.3)	19 (3.3)	30 (4.4)
Percent of schools with building features rated as less than adequate	50 (1.5)	49 (1.9)	55 (4.6)	50 (2.9)	49 (2.3)	56 (3.7)	44 (3.2)	52 (2.6)	45 (3.4)	45 (3.7)	53 (3.3)	63 (4.5)	50 (1.5)	49 (1.9)	49 (1.9)	49 (1.9)	32 (4.3)
Roofs	22 (1.7)	22 (1.9)	24 (3.8)	22 (2.9)	22 (1.9)	23 (3.2)	19 (2.6)	25 (2.9)	18 (2.9)	21 (2.8)	22 (2.8)	37 (4.6)	22 (1.7)	22 (1.9)	22 (1.9)	22 (1.9)	37 (4.6)
Framing, floors, and foundations	14 (1.3)	14 (1.6)	19 (3.1)	12 (2.3)	14 (1.8)	12 (2.5)	13 (1.9)	12 (2.3)	14 (2.4)	11 (2.3)	16 (2.3)	17 (3.9)	14 (1.3)	14 (1.6)	14 (1.6)	14 (1.6)	32 (4.3)
Exterior walls, finishes, windows, doors	24 (1.5)	23 (1.9)	31 (3.9)	21 (2.6)	23 (1.8)	27 (3.1)	21 (2.5)	25 (3.0)	21 (2.6)	21 (2.8)	25 (2.6)	30 (4.4)	24 (1.5)	23 (1.9)	23 (1.9)	23 (1.9)	32 (4.3)
Interior finishes, trim	17 (1.4)	17 (1.7)	20 (3.2)	16 (2.4)	18 (2.1)	20 (3.2)	16 (2.1)	17 (2.4)	17 (2.5)	14 (2.4)	15 (2.6)	26 (4.2)	17 (1.4)	17 (1.7)	17 (1.7)	17 (1.7)	32 (4.3)
Plumbing	25 (1.7)	24 (1.9)	28 (4.4)	27 (3.2)	20 (2.1)	28 (3.4)	21 (2.3)	26 (2.5)	23 (3.1)	23 (2.8)	23 (3.4)	32 (4.3)	25 (1.7)	24 (1.9)	24 (1.9)	24 (1.9)	35 (4.2)
Heating, ventilation, air conditioning	29 (1.5)	28 (1.8)	29 (3.8)	32 (2.9)	26 (1.8)	30 (3.0)	27 (2.5)	31 (2.7)	28 (3.0)	26 (2.7)	29 (2.8)	35 (4.2)	29 (1.5)	28 (1.8)	28 (1.8)	28 (1.8)	30 (4.6)
Electric power	22 (1.4)	21 (1.8)	23 (3.5)	21 (2.9)	22 (1.8)	26 (2.9)	21 (2.2)	19 (2.4)	18 (2.5)	20 (2.4)	21 (2.6)	30 (4.6)	22 (1.4)	21 (1.8)	21 (1.8)	21 (1.8)	24 (5.2)
Electrical lighting	17 (1.5)	17 (1.9)	19 (3.2)	17 (2.7)	16 (1.8)	18 (2.7)	15 (2.0)	20 (2.3)	14 (2.1)	15 (2.3)	18 (2.7)	24 (5.2)	17 (1.5)	17 (1.9)	17 (1.9)	17 (1.9)	27 (3.5)
Life safety features	20 (1.3)	19 (1.6)	26 (4.1)	21 (2.4)	16 (1.7)	17 (2.9)	17 (2.1)	16 (2.6)	16 (2.6)	18 (2.1)	22 (3.3)	27 (3.5)	20 (1.3)	19 (1.6)	19 (1.6)	19 (1.6)	84 (3.4)
Percent of schools needing to spend money to bring schools into good overall condition	76 (1.5)	75 (1.7)	82 (3.6)	74 (2.3)	74 (2.0)	81 (2.7)	70 (3.1)	78 (2.1)	73 (3.2)	73 (3.2)	77 (2.7)	84 (3.4)	76 (1.5)	75 (1.7)	75 (1.7)	75 (1.7)	\$2,900 (325)
Cost per student for all schools	\$2,900 (159)	\$3,400 (379)	\$3,900 (602)	\$3,300 (376)	\$2,500 (220)	\$2,900 (327)	\$2,600 (251)	\$3,300 (339)	\$2,900 (292)	\$2,800 (301)	\$3,000 (424)	\$2,600 (325)	\$2,900 (159)	\$3,400 (379)	\$3,400 (379)	\$3,400 (379)	\$3,400 (379)
Cost per student for schools needing to spend money	\$3,800 (192)	\$4,300 (442)	\$4,800 (702)	\$4,600 (503)	\$3,300 (288)	\$3,500 (384)	\$3,800 (335)	\$4,400 (442)	\$4,100 (427)	\$3,900 (383)	\$3,900 (509)	\$3,200 (366)	\$3,800 (192)	\$4,300 (442)	\$4,300 (442)	\$4,300 (442)	\$3,800 (192)
Percent of schools rating environment factors as unsatisfactory	43 (1.6)	41 (2.1)	45 (4.6)	46 (3.0)	39 (2.0)	47 (3.8)	37 (2.9)	47 (2.9)	38 (3.4)	42 (3.2)	41 (3.6)	55 (4.4)	43 (1.6)	41 (2.1)	41 (2.1)	41 (2.1)	19 (4.0)
At least one factor is unsatisfactory	12 (1.4)	12 (1.8)	12 (2.9)	14 (2.4)	16 (1.6)	14 (2.6)	11 (1.7)	12 (2.2)	8 (2.0)	13 (2.4)	10 (2.2)	19 (4.0)	12 (1.4)	12 (1.8)	12 (1.8)	12 (1.8)	18 (3.2)
Lighting	17 (1.3)	16 (1.6)	16 (3.3)	18 (2.8)	16 (1.6)	18 (2.6)	16 (2.1)	16 (2.2)	17 (2.7)	15 (2.4)	18 (2.7)	19 (4.0)	17 (1.3)	16 (1.6)	16 (1.6)	16 (1.6)	29 (3.2)
Heating	26 (1.4)	25 (1.7)	27 (3.9)	31 (2.8)	16 (1.1)	30 (3.2)	20 (2.8)	29 (2.9)	24 (3.2)	29 (3.0)	24 (2.9)	29 (3.2)	26 (1.4)	25 (1.7)	25 (1.7)	25 (1.7)	24 (3.5)
Ventilation	18 (1.3)	18 (1.6)	19 (3.4)	20 (2.3)	16 (1.1)	20 (2.6)	13 (1.9)	21 (2.4)	14 (2.3)	20 (3.0)	17 (2.6)	25 (3.8)	18 (1.3)	18 (1.6)	18 (1.6)	18 (1.6)	25 (3.8)
Indoor air quality	18 (1.1)	17 (1.4)	22 (3.8)	19 (2.2)	12 (1.9)	20 (2.6)	13 (1.9)	21 (2.7)	14 (2.3)	18 (2.6)	15 (2.5)	25 (3.8)	18 (1.1)	17 (1.4)	17 (1.4)	17 (1.4)	25 (3.8)
Acoustics or noise-control	20 (1.2)	17 (1.5)	21 (3.6)	21 (2.4)	18 (1.7)	14 (2.6)	17 (2.1)	26 (2.7)	17 (2.0)	22 (2.7)	21 (3.0)	27 (3.6)	20 (1.2)	17 (1.5)	17 (1.5)	17 (1.5)	44 (1.7)
Physical security of buildings	40 (0.8)	40 (1.0)	43 (1.7)	42 (1.5)	35 (1.0)	42 (1.2)	37 (1.1)	41 (1.5)	38 (1.6)	38 (1.6)	40 (1.4)	44 (1.7)	40 (0.8)	40 (1.0)	40 (1.0)	40 (1.0)	11 (1.5)
Average years since original construction	11 (0.6)	11 (0.9)	15 (1.4)	15 (1.1)	14 (0.9)	12 (1.2)	10 (0.8)	12 (0.9)	11 (1.0)	11 (1.0)	11 (1.0)	11 (1.5)	11 (0.6)	11 (0.9)	11 (0.9)	11 (0.9)	11 (1.5)
Average years since most recent renovation	16 (0.6)	16 (0.8)	20 (1.6)	15 (1.1)	14 (0.9)	17 (1.3)	14 (0.8)	16 (1.1)	14 (1.0)	16 (1.1)	14 (1.1)	19 (1.6)	16 (0.6)	16 (0.8)	16 (0.8)	16 (0.8)	19 (1.6)
Distribution, by functional age ³	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	30 (4.0)
Less than 5 years old	32 (1.5)	30 (1.6)	25 (4.1)	32 (2.7)	28 (2.4)	30 (3.6)	34 (2.9)	32 (2.9)	33 (3.4)	30 (2.9)	37 (3.8)	33 (4.0)	32 (1.5)	30 (1.6)	30 (1.6)	30 (1.6)	23 (3.7)
5 to 14 years old	28 (1.5)	30 (1.9)	21 (3.7)	32 (2.7)	28 (2.4)	27 (3.1)	31 (2.7)	26 (2.7)	33 (3.7)	30 (3.0)	24 (3.0)	23 (3.7)	28 (1.5)	30 (1.9)	30 (1.9)	28 (1.5)	30 (4.6)
15 to 34 years old	26 (1.4)	25 (1.6)	35 (4.1)	23 (2.4)	23 (2.0)	26 (2.8)	23 (2.2)	23 (2.2)	24 (3.1)	25 (2.6)	28 (2.7)	26 (4.0)	26 (1.4)	25 (1.6)	25 (1.6)	26 (1.4)	30 (4.6)
35 or more years old	14 (1.4)	15 (1.7)	20 (3.6)	13 (2.5)	12 (1.8)	17 (2.9)	12 (1.9)	13 (2.4)	11 (2.2)	15 (2.7)	11 (2.2)	21 (3.9)	14 (1.4)	15 (1.7)	15 (1.7)	14 (1.4)	27 (3.5)
Percentage distribution of schools, by enrollment capacity	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)
Underenrolled by more than 25 percent	19 (1.5)	17 (1.7)	41 (5.0)	15 (2.5)	8 (1.4)	16 (3.0)	12 (2.0)	27 (2.7)	15 (2.4)	19 (3.1)	15 (2.7)	27 (4.0)	19 (1.5)	17 (1.7)	17 (1.7)	17 (1.7)	27 (4.0)
Underenrolled by 6 to 25 percent	33 (1.7)	31 (2.1)	30 (4.2)	37 (2.8)	31 (3.4)	33 (3.3)	36 (3.0)	30 (3.2)	38 (3.2)	34 (3.2)	33 (4.0)	26 (4.1)	33 (1.7)	31 (2.1)	31 (2.1)	31 (2.1)	26 (4.1)
Enrollment within 5 percent of capacity	26 (1.5)	28 (2.0)	16 (3.4)	29 (2.6)	30 (2.0)	24 (2.9)	28 (2.8)	26 (2.4)	24 (3.3)	26 (3.0)	24 (3.0)	24 (3.7)	26 (1.5)	28 (2.0)	28 (2.0)	28 (2.0)	24 (3.7)
Overcrowded by 6 to 25 percent	14 (1.2)	15 (1.5)	10 (2.9)	14 (2.5)	18 (1.6)	15 (1.8)	17 (2.0)	11 (2.4)	16 (2.8)	13 (2.4)	16 (2.6)	12 (2.6)	14 (1.2)	15 (1.5)	15 (1.5)	15 (1.5)	12 (2.6)
Overcrowded by more than 25 percent	8 (0.9)	8 (1.1)	4 (1.6)	5 (1.2)	14 (1.8)	11 (2.3)	8 (1.6)	6 (1.3)	6 (1.6)	8 (1.8)	7 (2.0)	12 (2.9)	8 (0.9)	8 (1.1)	8 (1.1)	8 (0.9)	12 (2.9)
Percent of schools with plans to make building improvements in next 2 years	At least one major repair, renovation, or replacement planned	51 (1.6)	49 (2.2)	45 (4.4)	52 (2.9)	53 (2.4)	55 (3.8)	48 (3.2)	52 (3.8)	44 (3.1)	52 (3.4)	56 (3.9)	51 (1.6)	49 (2.2)	49 (2.2)	49 (2.2)	46 (4.1)
Major repair or renovation planned	41 (1.8)	39 (2.3)	36 (4.2)	40 (3.1)	45 (2.6)	48 (3.6)	40 (3.2)	36 (2.9)	41 (3.5)	36 (3.2)	43 (3.5)	46 (4.1)	41 (1.8)	39 (2.3)	39 (2.3)	41 (1.8)	46 (4.1)
Replacement planned	25 (1.2)	23 (1.6)	19 (3.2)	26 (2.2)	27 (2.1)	29 (3.2)	24 (2.4)	22 (2.2)	25 (3.4)	21 (2.7)	25 (3.2)	30 (3.7)	25 (1.2)	23 (1.6)	23 (1.6)	25 (1.2)	30 (3.7)
Percent of schools with construction projects planned in next 2 years	Build permanent addition	20 (1.4)	19 (1.7)	17 (3.0)	19 (2.4)	24 (1.7)	25 (2.4)	17 (2.0)	23 (2.9)	18 (2.5)	21 (3.0)	18 (3.3)	20 (1.4)	19 (1.7)	19 (1.7)	19 (1.7)	18 (3.3)
Install new temporary buildings	10 (1.1)	10 (1.3)	6 (1.9)	6 (1.4)	18 (2.1)	11 (2.4)	13 (1.7)	7 (1.4)	10 (2.1)	12 (2.3)	10 (2.1)	9 (2.1)	10 (1.1)	10 (1.3)	10 (1.3)	10 (1.1)	9 (2.1)

—Not available.
¹ Combined elementary/secondary schools not shown separately, but are under "All public schools" and in other column variables.
² Excludes special education, vocational, and alternative schools, as well as those schools offering only preprimary education.
³ Functional age is defined as the age of the school based on the year of the most recent renovation or the year of construction of the main instructional building(s) if no renovation has occurred.
 NOTE: Standard errors appear in parentheses.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, Condition of America's Public School Facilities: 1999. (This table was prepared August 2000.)

Table 102. High school graduates compared with population 17 years of age, by sex of graduates and control of school: Selected years, 1869–70 to 2002–03

[Numbers in thousands]

School year	Population 17 years old ¹	High school graduates					Graduates as a ratio of 17-year-old population
		Total ²	Sex		Control		
			Male	Female	Public ³	Private ⁴	
1	2	3	4	5	6	7	8
1869–70	815	16	7	9	—	—	2.0
1879–80	946	24	11	13	—	—	2.5
1889–90	1,259	44	19	25	22	22	3.5
1899–1900	1,489	95	38	57	62	33	6.4
1909–10	1,786	156	64	93	111	45	8.8
1919–20	1,855	311	124	188	231	80	16.8
1929–30	2,296	667	300	367	592	75	29.0
1939–40	2,403	1,221	579	643	1,143	78	50.8
1947–48	2,261	1,190	563	627	1,073	117	52.6
1949–50	2,034	1,200	571	629	1,063	136	59.0
1951–52	2,086	1,197	569	627	1,056	141	57.4
1953–54	2,135	1,276	613	664	1,129	147	59.8
1955–56	2,242	1,415	680	735	1,252	163	63.1
1956–57	2,272	1,434	690	744	1,270	164	63.1
1957–58	2,325	1,506	725	781	1,332	174	64.8
1958–59	2,458	1,627	784	843	1,435	192	66.2
1959–60	2,672	1,858	895	963	1,627	231	69.5
1960–61	2,892	1,964	955	1,009	1,725	239	67.9
1961–62	2,768	1,918	938	980	1,678	240	69.3
1962–63	2,740	1,943	956	987	1,710	233	70.9
1963–64	2,978	2,283	1,120	1,163	2,008	275	76.7
1964–65	3,684	2,658	1,311	1,347	2,360	298	72.1
1965–66	3,489	2,665	1,323	1,342	2,367	298	76.4
1966–67	3,500	2,672	1,328	1,344	2,374	298	76.3
1967–68	3,532	2,695	1,338	1,357	2,395	300	76.3
1968–69	3,659	2,822	1,399	1,423	2,522	300	77.1
1969–70	3,757	2,889	1,430	1,459	2,589	300	76.9
1970–71	3,872	2,938	1,454	1,484	2,638	300	75.9
1971–72	3,973	3,002	1,487	1,515	2,700	302	75.6
1972–73	4,049	3,035	1,500	1,535	2,729	306	75.0
1973–74	4,132	3,073	1,512	1,561	2,763	310	74.4
1974–75	4,256	3,133	1,542	1,591	2,823	310	73.6
1975–76	4,272	3,148	1,552	1,596	2,837	311	73.7
1976–77	4,272	3,152	1,548	1,604	2,837	315	73.8
1977–78	4,286	3,127	1,531	1,596	2,825	302	73.0
1978–79	4,327	3,101	1,517	1,584	2,801	300	71.7
1979–80	4,262	3,043	1,491	1,552	2,748	295	71.4
1980–81	4,212	3,020	1,483	1,537	2,725	295	71.7
1981–82	4,134	2,995	1,471	1,524	2,705	290	72.4
1982–83	3,962	2,888	1,437	1,451	2,598	290	72.9
1983–84	3,784	2,767	—	—	2,495	272	73.1
1984–85	3,699	2,677	—	—	2,414	263	72.4
1985–86	3,670	2,643	—	—	2,383	260	72.0
1986–87	3,754	2,694	—	—	2,429	265	71.8
1987–88	3,849	2,773	—	—	2,500	273	72.0
1988–89	3,842	2,744	—	—	2,459	285	71.4
1989–90	3,505	2,589	—	—	2,320	269	73.9
1990–91	3,418	2,493	—	—	2,235	258	72.9
1991–92	3,399	2,478	—	—	2,226	252	72.9
1992–93	3,449	2,480	—	—	2,233	247	71.9
1993–94	3,443	2,464	—	—	2,221	243	71.6
1994–95	3,636	2,520	—	—	2,274	246	69.3
1995–96	3,640	2,518	—	—	2,273	245	69.2
1996–97	3,792	2,612	—	—	2,358	254	68.9
1997–98	4,008	2,704	—	—	2,439	265	67.5
1998–99	3,918	2,759	—	—	2,486	273	70.4
1999–2000	4,057	2,831	—	—	2,554	277	69.8
2000–01	4,006	2,852	—	—	2,569	283	71.2
2001–02 ⁵	4,052	2,917	—	—	2,630	287	72.0
2002–03 ⁵	—	2,986	—	—	2,685	301	—

—Not available.

¹ Derived from *Current Population Reports*, Series P-25. For years 1869–70 through 1889–90, 17-year-old population is an estimate of the October 17-year-old population based on July data. Data for 1990–91 and later years are October estimates prepared by the Census Bureau.

² Includes graduates of public and private schools.

³ Data for 1929–30 and preceding years are from *Statistics of Public High Schools* and exclude graduates from high schools that failed to report to the Office of Education.

⁴ For most years, private school data have been estimated based on periodic private school surveys.

⁵ Public high school graduates based on state estimates.

NOTE: Includes graduates of regular day school programs. Excludes graduates of other programs, when separately reported, and recipients of high school equivalency certificates. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Reports of the Commissioner of Education*, 1870 through 1910; *Biennial Survey of Education in the United States*, 1919–20 through 1949–50; *Statistics of State School Systems*, *Statistics of Public Elementary and Secondary School Systems*; *Statistics of Nonpublic Elementary and Secondary Schools*; 1959 through 1980, The NCES Common Core of Data (CCD); State Nonfiscal Survey, 1981 through 2001, and *Projections of Education Statistics to 2013*. (This table was prepared September 2003.)

Table 103. Public high school graduates, by state or jurisdiction: Selected years, 1969–70 to 2002–03

State or jurisdiction	1969–70	1979–80	1980–81	1985–86	1990–91	1995–96	1999–2000 ¹	2000–01	Projected 2001–02, graduates	Projected 2002–03, graduates	Percent change, 1990–91 to 2002–03
1	2	3	4	5	6	7	8	9	10	11	12
United States	2,588,639	2,747,678	2,725,285	2,382,616	2,234,893	2,273,109	2,553,844	2,568,956	2,630,130	2,684,920	20.1
Alabama	45,286	45,190	44,894	39,620	39,042	35,043	37,819	37,082	37,260	36,850	-5.6
Alaska	3,297	5,223	5,343	5,464	5,458	5,945	6,615	6,812	6,790	7,160	31.2
Arizona	22,040	28,633	28,416	27,533	31,282	30,008	38,304	46,773	44,830	47,610	52.2
Arkansas	26,068	29,052	29,577	26,227	25,668	25,094	27,335	27,100	26,890	27,410	6.8
California	260,908	249,217	242,172	229,026	234,164	259,071	309,866	315,189	326,140	331,730	41.7
Colorado	30,312	36,804	35,897	32,621	31,293	32,608	38,924	39,241	41,160	41,650	33.1
Connecticut	34,755	37,683	38,369	33,571	27,290	26,319	31,562	30,388	32,610	32,980	20.9
Delaware	6,985	7,582	7,349	5,791	5,223	5,609	6,108	6,614	6,600	6,770	29.6
District of Columbia ²	4,980	4,959	4,848	3,875	3,369	2,696	2,695	2,808	2,760	2,560	-24.0
Florida	70,478	87,324	88,755	83,029	87,419	89,242	106,708	111,112	120,050	120,340	37.7
Georgia	56,859	61,621	62,963	59,082	60,088	56,271	62,563	62,499	65,520	67,100	11.7
Hawaii	10,407	11,493	11,472	9,958	8,974	9,387	10,437	10,102	10,140	10,000	11.4
Idaho	12,296	13,187	12,679	12,059	11,961	14,667	16,170	15,941	16,090	15,940	33.3
Illinois	126,864	135,579	136,795	114,319	103,329	104,626	111,835	110,624	117,430	120,570	16.7
Indiana	69,984	73,143	73,381	59,817	57,892	56,330	57,012	56,172	56,350	56,460	-2.5
Iowa	44,063	43,445	42,635	34,279	28,593	31,689	33,926	33,774	33,580	34,290	19.9
Kansas	33,394	30,890	29,397	25,587	24,414	25,786	29,102	29,360	29,840	29,850	22.3
Kentucky	37,473	41,203	37,288	37,288	35,835	36,641	36,830	36,957	34,890	34,360	-4.1
Louisiana	43,641	46,297	46,199	39,965	33,489	36,467	38,430	38,314	37,910	37,710	12.6
Maine	14,003	15,445	15,554	13,006	13,151	11,795	12,211	12,654	12,620	12,950	-1.5
Maryland	46,462	54,270	54,050	46,700	39,014	41,785	47,849	49,222	50,490	51,520	32.1
Massachusetts	63,865	73,802	74,831	60,360	50,216	47,993	52,950	54,393	55,590	55,250	10.0
Michigan	121,000	124,316	124,372	101,042	88,234	85,530	97,679	96,515	104,550	110,610	25.4
Minnesota	60,480	64,908	64,166	51,988	46,474	50,481	57,372	56,581	59,090	59,980	29.1
Mississippi	29,653	27,586	28,083	25,134	23,665	23,032	24,232	23,748	23,510	23,380	-1.2
Missouri	55,315	62,265	60,359	49,204	46,928	49,011	52,848	54,138	54,050	54,890	17.0
Montana	11,520	12,135	11,634	9,761	9,013	10,139	10,628	10,628	10,640	10,740	19.2
Nebraska	21,280	22,410	21,411	17,845	16,500	18,014	20,149	19,658	20,330	20,250	22.7
Nevada	5,449	8,473	9,069	8,784	9,370	10,374	14,551	15,127	15,800	12,940	38.1
New Hampshire	8,516	11,722	11,552	10,648	10,059	10,094	11,829	12,294	12,480	12,950	28.7
New Jersey	86,498	94,564	93,168	78,781	67,003	67,704	74,420	76,130	78,290	82,320	22.9
New Mexico	16,060	18,424	17,915	15,468	15,157	15,402	18,031	18,199	17,580	17,650	16.4
New York	190,000	204,064	198,465	162,165	133,562	134,401	141,731	141,884	144,820	146,030	9.3
North Carolina	68,886	70,862	69,395	65,865	62,792	57,014	62,140	63,288	66,100	68,310	8.8
North Dakota	11,150	9,928	9,924	7,610	7,573	8,027	8,606	8,445	8,060	8,030	6.0
Ohio	142,248	144,169	143,503	119,561	107,484	102,098	111,668	111,281	109,220	113,610	5.7
Oklahoma	36,293	39,305	38,875	34,452	33,007	33,060	37,646	37,458	36,510	36,280	9.9
Oregon	32,236	29,939	28,729	26,286	24,597	26,570	30,151	29,939	31,140	31,630	28.6
Pennsylvania	151,014	146,458	144,645	122,871	104,770	105,981	113,959	114,436	116,150	118,980	13.6
Rhode Island	10,146	10,864	10,719	8,908	7,744	7,689	8,477	8,603	8,900	9,080	17.3
South Carolina	34,940	38,697	38,347	34,500	32,999	30,182	31,617	29,742	31,450	33,140	0.4
South Dakota	11,757	10,689	10,385	7,870	7,127	8,532	9,278	8,881	8,950	8,800	23.5
Tennessee	49,000	49,845	50,648	43,263	44,847	43,792	41,568	40,642	42,240	43,580	-2.8
Texas	139,046	171,449	171,665	161,150	174,306	171,844	212,925	215,316	219,340	228,510	31.1
Utah	18,395	20,035	19,886	19,774	22,219	26,293	32,501	31,036	30,720	30,280	36.3
Vermont	6,095	6,733	6,424	5,794	5,212	5,867	6,675	6,856	7,040	6,820	30.9
Virginia	58,562	66,621	67,126	63,113	58,441	58,166	65,596	66,067	66,630	71,620	22.6
Washington	50,425	50,402	50,046	45,805	42,514	49,862	57,597	55,081	57,470	58,490	37.6
West Virginia	26,139	23,369	23,580	21,870	21,064	20,335	19,437	18,440	17,110	17,230	-18.2
Wisconsin	66,753	69,332	67,743	58,340	49,340	52,651	58,545	59,341	60,260	61,730	25.1
Wyoming	5,363	6,072	6,161	5,587	5,728	5,892	6,462	6,071	6,160	6,000	4.7
Bureau of Indian Affairs ..	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools:											
Overseas schools	—	—	—	—	—	2,674	2,642	2,621	—	—	—
Domestic schools	—	—	—	—	—	—	560	568	—	—	—
Outlying areas											
American Samoa	³ 367	—	—	608	597	719	698	722	—	—	—
Guam	972	—	—	840	1,014	987	1,406	1,371	—	—	—
Northern Marianas	—	—	—	—	273	325	360	361	—	—	—
Puerto Rico	24,917	—	—	31,597	29,329	29,499	30,856	30,154	—	—	—
Virgin Islands	³ 432	—	—	1,044	981	937	1,060	966	—	—	—

—Not available.

¹ Revised from previously published data.² Beginning in 1985–86, graduates from adult programs are excluded.³ Data are for 1970–71.

NOTE: Data include graduates of regular day school programs, but exclude graduates of other programs and persons receiving high school equivalency certificates. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Schools*, various years, and The NCES Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1986–87 through 2001–02, and *Projections of Education Statistics to 2013*. (This table was prepared July 2003.)

Table 104. Public high school graduates and dropouts, by race/ethnicity and state or jurisdiction: 2000–01

State or jurisdiction	High school graduates, by race/ethnicity, 2000–01						Percent of 9th to 12th graders who dropped out during 2000–01, by race/ethnicity ¹					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaska Native	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaska Native
1	2	3	4	5	6	7	8	9	10	11	12	13
United States^{2,3}	2,568,194	1,782,327	336,074	296,783	126,861	26,151	—	—	—	—	—	—
Alabama	37,082	24,073	11,986	238	348	437	4.1	4.2	4.0	5.5	2.5	2.6
Alaska	6,812	4,678	246	173	429	1,286	8.2	6.3	11.4	11.0	8.6	12.7
Arizona	46,773	—	—	—	—	—	10.9	7.1	13.9	16.8	5.0	17.0
Arkansas	27,100	20,454	5,697	528	302	119	5.3	4.8	6.5	8.6	3.7	7.5
California	315,189	139,228	22,474	103,795	46,958	2,734	—	—	—	—	—	—
Colorado	39,241	30,684	1,681	5,321	1,250	305	—	—	—	—	—	—
Connecticut	30,388	23,429	3,369	2,563	961	66	3.0	2.0	5.3	7.0	1.8	3.7
Delaware ³	6,479	4,400	1,661	208	195	15	4.2	3.6	5.3	7.5	2.2	2.4
District of Columbia	2,808	117	2,401	215	72	3	—	—	—	—	—	—
Florida	111,112	66,205	23,608	17,943	3,068	288	4.4	3.5	5.9	5.6	2.4	3.9
Georgia	62,499	39,353	19,795	1,281	1,988	82	7.2	5.7	9.4	9.4	3.7	6.2
Hawaii	10,102	1,917	177	441	7,534	33	5.7	6.3	7.1	6.3	5.5	9.3
Idaho	15,941	14,541	70	973	224	133	5.6	—	—	—	—	—
Illinois	110,624	79,210	15,498	10,855	4,889	172	6.0	3.5	12.9	10.4	2.7	6.4
Indiana	56,172	49,794	4,358	1,304	621	95	—	—	—	—	—	—
Iowa	33,774	31,618	678	582	684	212	2.7	2.3	7.3	9.1	2.3	10.4
Kansas	29,360	25,220	1,844	1,323	702	271	3.2	2.6	5.4	7.6	2.1	5.6
Kentucky	36,957	33,421	2,995	232	269	40	4.6	4.5	6.5	4.6	2.7	0.0
Louisiana	38,314	21,873	15,046	509	678	208	8.3	6.5	10.8	8.8	4.8	9.7
Maine	12,654	12,295	84	79	121	75	3.1	3.1	3.6	2.6	4.5	5.9
Maryland	49,222	28,726	16,155	1,708	2,488	145	4.1	3.2	5.9	3.7	1.6	4.7
Massachusetts	54,393	43,704	4,222	3,845	2,517	105	3.4	2.6	6.0	7.9	3.9	3.2
Michigan	96,515	79,452	12,060	2,139	1,989	875	—	—	—	—	—	—
Minnesota	56,581	50,714	1,840	916	2,468	643	4.0	2.9	12.3	12.7	5.5	15.1
Mississippi	23,748	12,297	11,158	87	190	16	4.6	3.8	5.6	3.6	1.8	3.9
Missouri	54,138	45,716	6,824	711	753	134	4.2	3.9	6.2	7.4	2.6	5.4
Montana	10,628	9,629	33	169	108	689	4.2	3.5	5.2	8.5	3.6	11.0
Nebraska	19,658	17,619	827	762	311	139	4.0	2.9	10.9	12.2	3.8	13.9
Nevada	15,127	10,348	1,201	2,331	998	249	5.2	4.0	6.8	8.0	6.8	4.4
New Hampshire	12,294	—	—	—	—	—	5.4	5.2	9.5	11.6	4.3	7.8
New Jersey	76,130	49,647	11,507	9,402	5,370	204	2.8	1.6	5.7	5.6	1.0	12.0
New Mexico	18,199	7,587	426	7,954	236	1,996	5.3	3.6	5.3	6.7	2.4	5.9
New York	141,884	94,355	20,594	16,317	10,124	494	3.8	2.1	6.3	7.2	2.9	6.5
North Carolina	63,288	43,119	16,810	1,264	1,334	761	6.3	5.4	7.6	10.6	4.6	11.7
North Dakota	8,445	7,923	47	54	48	373	2.2	1.5	3.9	3.2	3.2	10.0
Ohio ³	110,861	96,206	11,645	1,378	1,509	123	3.9	3.0	9.2	8.9	2.4	7.6
Oklahoma	37,458	26,066	3,243	1,492	751	5,906	5.2	4.6	7.9	10.6	3.9	4.8
Oregon ³	29,732	25,782	604	1,629	1,269	448	5.3	4.5	11.7	11.5	4.4	8.4
Pennsylvania	114,436	96,931	11,915	2,961	2,567	62	3.6	2.7	7.4	8.9	2.9	5.7
Rhode Island	8,603	6,977	546	769	273	38	5.0	3.9	8.5	10.2	5.8	8.4
South Carolina	29,742	—	—	—	—	—	3.3	3.0	3.8	3.8	1.2	6.4
South Dakota	8,881	8,358	41	65	83	334	3.9	2.6	6.3	8.7	3.9	20.6
Tennessee	40,642	—	—	—	—	—	4.3	—	—	—	—	—
Texas	215,316	109,634	28,295	69,595	7,218	574	4.2	2.5	5.4	6.1	2.2	5.0
Utah	31,036	28,209	184	1,527	768	348	3.7	3.2	7.9	9.0	4.9	8.3
Vermont	6,856	—	—	—	—	—	4.7	4.7	7.0	7.5	2.5	7.0
Virginia	66,067	45,339	14,930	2,342	3,311	145	3.5	2.8	4.9	6.4	2.4	6.3
Washington	55,081	43,686	2,157	3,495	4,675	1,068	4.0	—	—	—	—	—
West Virginia	18,440	17,573	665	54	131	17	4.2	4.2	5.2	7.3	0.6	14.3
Wisconsin	59,341	52,835	2,835	1,557	1,567	547	2.3	1.4	9.8	6.5	2.4	5.7
Wyoming	6,071	5,578	53	279	63	98	6.4	5.8	16.9	11.6	5.4	14.1
Bureau of Indian Affairs ..	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools:												
Overseas schools ³	2,119	1,160	422	175	362	0	—	—	—	—	—	—
Domestic schools ³	535	194	117	199	25	0	—	—	—	—	—	—
Outlying areas												
American Samoa	722	0	0	0	722	0	1.9	0.0	0.0	0.0	1.9	0.0
Guam ³	1,349	24	3	3	1,319	0	11.4	6.9	4.3	13.6	11.3	10.0
Northern Marianas	361	1	0	0	360	0	6.1	0.0	0.0	0.0	6.1	0.0
Puerto Rico	30,154	0	0	30,154	0	0	1.0	0.0	0.0	1.0	0.0	0.0
Virgin Islands	966	5	875	79	4	3	3.9	9.4	3.5	8.5	0.0	0.0

—Not available.

¹ Alabama, Alaska, Florida, Hawaii, Illinois, Maryland, New Jersey, Oklahoma, Tennessee, Vermont, and Puerto Rico reported data on an alternative July through June cycle, rather than the specified October through September cycle for dropout data.

² U.S. total includes estimates for nonreporting states, based on 2000 12th-grade enrollment racial/ethnic distribution reported by state.

³ Data differ slightly from figures reported in other tables due to varying reporting practices for racial/ethnic survey data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD) "Local Education Agency Universe Survey Dropout and Completion Data File: School Year 2000–01," Version 1a; and unpublished data. (This table was prepared October 2003.)

Table 105. General Educational Development (GED) test takers and credentials issued, by age: 1971 to 2001

Year	Number of test takers, in thousands ¹	Number completing test battery, in thousands ²	Number of credentials issued, in thousands ³	Percentage distribution of credentials issued, ⁴ by age				
				19 years old or less	20- to 24-year-olds	25- to 29-year-olds	30- to 34-year-olds	35 years old or over
1	2	3	4	5	6	7	8	9
1971 ⁵	377	—	227	—	—	—	—	—
1972 ⁵	419	—	245	—	—	—	—	—
1973 ⁵	423	—	249	—	—	—	—	—
1974	—	—	294	35	27	13	9	17
1975	—	—	340	33	26	14	9	18
1976	—	—	333	31	28	14	10	17
1977	—	—	332	40	24	13	8	14
1978	—	—	381	31	27	13	10	18
1979	—	—	426	37	28	12	13	11
1980	—	—	479	37	27	13	8	15
1981	—	—	489	37	27	13	8	14
1982	—	—	486	37	28	13	8	15
1983	—	—	465	34	29	14	8	15
1984	—	—	427	32	28	15	9	16
1985	—	—	413	32	26	15	10	16
1986	—	—	428	32	26	15	10	17
1987	—	—	444	33	24	15	10	18
1988	—	—	410	35	22	14	10	18
1989	632	541	357	35	24	13	—	—
1990	714	615	410	36	25	13	10	15
1991	755	657	462	33	28	13	10	16
1992	739	639	457	33	28	13	9	17
1993	746	651	469	33	27	13	10	16
1994	774	668	491	36	25	13	9	15
1995	787	682	504	38	25	13	9	15
1996	824	716	488	39	25	13	9	14
1997	785	681	460	43	24	12	8	13
1998	776	673	481	44	24	11	7	13
1999	808	702	498	44	25	11	7	13
2000	811	699	487	45	25	11	7	13
2001	1,016	928	648	41	26	11	8	14

—Not available.

¹ Number of people taking the GED tests (one or more subtests).² Number of people completing the entire GED battery of five tests.³ Number of people receiving high school equivalency credentials based on the GED tests.⁴ Data for 1988 and prior years are for number of test takers and may not be comparable to later years.⁵ Includes outlying areas.

NOTE: Except where indicated, data are for United States only and exclude outlying areas. Detail may not sum to totals due to rounding. Some data have been revised from previously published figures.

SOURCE: American Council on Education, General Educational Development Testing Service, *Who took the GED? Statistical Report*, various years. (This table was prepared September 2002.)

Table 106. Selected characteristics of 18- to 29-year-olds, by high school completion status: 1998 to 2001

Characteristic	1998			1999			2000 ¹			2001 ¹		
	Dropout	Completed by GED ²	Completed by diploma	Dropout	Completed by GED ²	Completed by diploma	Dropout	Completed by GED ²	Completed by diploma	Dropout	Completed by GED ²	Completed by diploma
1												
Number, in thousands	5,636	3,321	33,706	5,576	3,314	33,819	5,473	2,165	35,213	5,463	2,583	34,963
Percentage distribution	13.2	7.8	79.0	13.1	7.8	79.2	12.8	5.1	82.2	12.7	6.0	81.3
Sex	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Male	57.0	47.3	48.4	53.5	49.6	48.0	54.2	52.4	48.0	55.2	49.2	48.1
Female	43.0	52.7	51.6	46.5	50.4	52.0	45.8	47.6	52.0	44.8	50.8	51.9
Age	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
18 and 19	19.6	13.4	15.2	18.0	13.2	15.3	18.5	11.3	15.5	19.1	12.1	15.6
20 and 21	18.5	16.2	16.2	18.0	14.0	16.5	18.2	12.8	17.3	17.9	16.5	18.1
22 to 24	24.8	25.6	24.3	24.5	25.6	25.4	23.9	29.9	25.8	24.8	29.6	25.5
25 to 29	37.1	44.8	44.4	38.8	47.2	42.7	39.4	45.9	41.4	38.2	41.8	40.9
Race/ethnicity	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	40.0	67.5	70.6	39.1	67.7	70.2	38.7	67.5	69.5	39.2	66.7	68.6
Black, non-Hispanic	15.7	13.9	13.1	14.8	14.8	13.4	14.8	15.5	13.6	14.3	16.5	13.4
Hispanic	41.6	13.2	10.7	42.5	12.7	10.5	43.0	12.3	10.9	43.3	12.9	11.6
Other	2.7	5.5	5.6	3.5	4.8	5.9	3.5	4.7	6.0	3.2	3.9	6.4
Educational attainment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than high school	100.0	†	†	100.0	†	†	100.0	†	†	100.0	†	†
Completed high school	†	47.1	38.3	†	45.8	37.2	†	68.9	36.1	†	60.9	36.6
Some college	†	36.1	33.8	†	36.3	33.8	†	20.2	35.0	†	26.7	35.3
Associate degree	†	6.9	7.2	†	6.7	7.5	†	5.5	7.6	†	7.0	7.7
Bachelor's degree	†	8.0	17.1	†	9.0	18.1	†	4.5	17.7	†	4.8	17.0
Master's or higher degree	†	1.9	3.5	†	2.1	3.4	†	0.8	3.5	†	0.7	3.4
Family income quartile	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lowest quartile	46.3	27.8	18.5	42.4	24.6	18.7	44.8	29.7	18.7	41.7	27.6	19.1
Low-middle quartile	30.6	29.7	24.6	33.0	29.0	24.4	29.5	29.7	24.8	31.5	28.3	24.4
High-middle quartile	16.6	23.1	28.4	17.0	28.0	27.9	18.2	26.4	28.2	19.6	25.5	27.4
Highest quartile	6.5	19.3	28.5	7.7	18.3	29.0	7.5	14.2	28.3	7.3	18.5	29.1
Employment status	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Employed	61.6	71.8	76.0	60.6	72.2	75.6	61.1	71.0	76.5	61.1	67.1	73.2
Unemployed	8.4	7.6	4.3	9.1	7.2	4.2	9.8	7.7	3.6	12.2	9.1	5.2
Not in labor force	30.0	20.6	19.7	30.3	20.6	20.2	29.1	21.3	19.8	26.7	23.8	21.6

† Not applicable.
¹ Due to questionnaire rewording, data are not comparable to figures for years prior to 2000.
² GED stands for General Educational Development test.

NOTE: Excludes persons still enrolled in high school. Data are based on sample surveys of the civilian noninstitutionalized population. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey (CPS), October 1998 through October 2001, unpublished tabulations. (This table was prepared May 2003.)

Table 107. Percent of high school dropouts (status dropouts) among persons 16 to 24 years old, by sex and race/ethnicity: Selected years, April 1960 to October 2001

Year	Total				Male				Female			
	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin
1	2	3	4	5	6	7	8	9	10	11	12	13
1960 ¹	27.2 —	— —	— —	— —	27.8 —	— —	— —	— —	26.7 —	— —	— —	— —
1967 ²	17.0 —	15.4 —	28.6 —	— —	16.5 —	14.7 —	30.6 —	— —	17.3 —	16.1 —	26.9 —	— —
1968 ²	16.2 —	14.7 —	27.4 —	— —	15.8 —	14.4 —	27.1 —	— —	16.5 —	15.0 —	27.6 —	— —
1969 ²	15.2 —	13.6 —	26.7 —	— —	14.3 —	12.6 —	26.9 —	— —	16.0 —	14.6 —	26.7 —	— —
1970 ²	15.0 —	13.2 —	27.9 —	— —	14.2 —	12.2 —	29.4 —	— —	15.7 —	14.1 —	26.6 —	— —
1971 ²	14.7 —	13.4 —	23.7 —	— —	14.2 —	12.6 —	25.5 —	— —	15.2 —	14.2 —	22.1 —	— —
1972	14.6 (0.3)	12.3 (0.3)	21.3 (1.1)	34.3 (2.2)	14.1 (0.4)	11.6 (0.4)	22.3 (1.6)	33.7 (3.2)	15.1 (0.4)	12.8 (0.4)	20.5 (1.4)	34.8 (3.1)
1973	14.1 (0.3)	11.6 (0.3)	22.2 (1.1)	33.5 (2.2)	13.7 (0.4)	11.5 (0.4)	21.5 (1.5)	30.4 (3.2)	14.5 (0.4)	11.8 (0.4)	22.8 (1.5)	36.4 (3.2)
1974	14.3 (0.3)	11.9 (0.3)	21.2 (1.0)	33.0 (2.1)	14.2 (0.4)	12.0 (0.4)	20.1 (1.5)	33.8 (3.0)	14.3 (0.4)	11.8 (0.4)	22.1 (1.5)	32.2 (2.9)
1975	13.9 (0.3)	11.4 (0.3)	22.9 (1.1)	29.2 (2.0)	13.3 (0.4)	11.0 (0.4)	23.0 (1.6)	26.7 (2.8)	14.5 (0.4)	11.8 (0.4)	22.9 (1.4)	31.6 (2.9)
1976	14.1 (0.3)	12.0 (0.3)	20.5 (1.0)	31.4 (2.0)	14.1 (0.4)	12.1 (0.4)	21.2 (1.5)	30.3 (2.9)	14.2 (0.4)	11.8 (0.4)	19.9 (1.4)	32.3 (2.8)
1977	14.1 (0.3)	11.9 (0.3)	19.8 (1.0)	33.0 (2.0)	14.5 (0.4)	12.6 (0.4)	19.5 (1.5)	31.6 (2.9)	13.8 (0.4)	11.2 (0.4)	20.0 (1.4)	34.3 (2.8)
1978	14.2 (0.3)	11.9 (0.3)	20.2 (1.0)	33.3 (2.0)	14.6 (0.4)	12.2 (0.4)	22.5 (1.5)	33.6 (2.9)	13.9 (0.4)	11.6 (0.4)	18.3 (1.3)	33.1 (2.8)
1979	14.6 (0.3)	12.0 (0.3)	21.1 (1.0)	33.8 (2.0)	15.0 (0.4)	12.6 (0.4)	22.4 (1.5)	33.0 (2.8)	14.2 (0.4)	11.5 (0.4)	20.0 (1.3)	34.5 (2.8)
1980	14.1 (0.3)	11.4 (0.3)	19.1 (1.0)	35.2 (1.9)	15.1 (0.4)	12.3 (0.4)	20.8 (1.5)	37.2 (2.7)	13.1 (0.4)	10.5 (0.4)	17.7 (1.3)	33.2 (2.6)
1981	13.9 (0.3)	11.3 (0.3)	18.4 (0.9)	33.2 (1.8)	15.1 (0.4)	12.5 (0.4)	19.9 (1.4)	36.0 (2.6)	12.8 (0.4)	10.2 (0.4)	17.1 (1.2)	30.4 (2.5)
1982	13.9 (0.3)	11.4 (0.3)	18.4 (1.0)	31.7 (1.9)	14.5 (0.4)	12.0 (0.4)	21.2 (1.5)	30.5 (2.7)	13.3 (0.4)	10.8 (0.4)	15.9 (1.3)	32.8 (2.7)
1983	13.7 (0.3)	11.1 (0.3)	18.0 (1.0)	31.6 (1.9)	14.9 (0.4)	12.2 (0.4)	19.9 (1.5)	34.3 (2.8)	12.5 (0.4)	10.1 (0.4)	16.2 (1.3)	29.1 (2.6)
1984	13.1 (0.3)	11.0 (0.3)	15.5 (0.9)	29.8 (1.9)	14.0 (0.4)	11.9 (0.4)	16.8 (1.4)	30.6 (2.8)	12.3 (0.4)	10.1 (0.4)	14.3 (1.2)	29.0 (2.6)
1985	12.6 (0.3)	10.4 (0.3)	15.2 (0.9)	27.6 (1.9)	13.4 (0.4)	11.1 (0.4)	16.1 (1.4)	29.9 (2.8)	11.8 (0.4)	9.8 (0.4)	14.3 (1.2)	25.2 (2.7)
1986	12.2 (0.3)	9.7 (0.3)	14.2 (0.9)	30.1 (1.9)	13.1 (0.4)	10.3 (0.4)	15.0 (1.3)	32.8 (2.7)	11.4 (0.4)	9.1 (0.4)	13.5 (1.2)	27.2 (2.6)
1987	12.6 (0.3)	10.4 (0.3)	14.1 (0.9)	28.6 (1.8)	13.2 (0.4)	10.8 (0.4)	15.0 (1.3)	29.1 (2.6)	12.1 (0.4)	10.0 (0.4)	13.3 (1.2)	28.1 (2.6)
1988	12.9 (0.3)	9.6 (0.3)	14.5 (1.0)	35.8 (2.3)	13.5 (0.4)	10.3 (0.5)	15.0 (1.5)	36.0 (3.2)	12.2 (0.4)	8.9 (0.4)	14.0 (1.4)	35.4 (3.3)
1989	12.6 (0.3)	9.4 (0.3)	13.9 (1.0)	33.0 (2.2)	13.6 (0.5)	10.3 (0.5)	14.9 (1.5)	34.4 (3.1)	11.7 (0.4)	8.5 (0.4)	13.0 (1.3)	31.6 (3.1)
1990	12.1 (0.3)	9.0 (0.3)	13.2 (0.9)	32.4 (1.9)	12.3 (0.4)	9.3 (0.4)	11.9 (1.3)	34.3 (2.7)	11.8 (0.4)	8.7 (0.4)	14.4 (1.3)	30.3 (2.7)
1991	12.5 (0.3)	8.9 (0.3)	13.6 (0.9)	35.3 (1.9)	13.0 (0.4)	8.9 (0.4)	13.5 (1.4)	39.2 (2.7)	11.9 (0.4)	8.9 (0.4)	13.7 (1.3)	31.1 (2.7)
1992 ³	11.0 (0.3)	7.7 (0.3)	13.7 (0.9)	29.4 (1.9)	11.3 (0.4)	8.0 (0.4)	12.5 (1.3)	32.1 (2.7)	10.7 (0.4)	7.4 (0.4)	14.8 (1.4)	26.6 (2.6)
1993 ³	11.0 (0.3)	7.9 (0.3)	13.6 (0.9)	27.5 (1.8)	11.2 (0.4)	8.2 (0.4)	12.6 (1.3)	28.1 (2.5)	10.9 (0.4)	7.6 (0.4)	14.4 (1.3)	26.9 (2.5)
1994 ³	11.4 (0.3)	7.7 (0.3)	12.6 (0.8)	30.0 (1.2)	12.3 (0.4)	8.0 (0.4)	14.1 (1.1)	31.6 (1.6)	10.6 (0.4)	7.5 (0.4)	11.3 (1.0)	28.1 (1.7)
1995 ³	12.0 (0.3)	8.6 (0.3)	12.1 (0.7)	30.0 (1.1)	12.2 (0.4)	9.0 (0.4)	11.1 (1.0)	30.0 (1.6)	11.7 (0.4)	8.2 (0.4)	12.9 (1.1)	30.0 (1.7)
1996 ³	11.1 (0.3)	7.3 (0.3)	13.0 (0.8)	29.4 (1.2)	11.4 (0.4)	7.3 (0.4)	13.5 (1.2)	30.3 (1.7)	10.9 (0.4)	7.3 (0.4)	12.5 (1.1)	28.3 (1.7)
1997 ³	11.0 (0.3)	7.6 (0.3)	13.4 (0.8)	25.3 (1.1)	11.9 (0.4)	8.5 (0.4)	13.3 (1.2)	27.0 (1.6)	10.1 (0.4)	6.7 (0.4)	13.5 (1.1)	23.4 (1.6)
1998 ³	11.8 (0.3)	7.7 (0.3)	13.8 (0.8)	29.5 (1.1)	13.3 (0.4)	8.6 (0.4)	15.5 (1.2)	33.5 (1.6)	10.3 (0.4)	6.9 (0.4)	12.2 (1.1)	25.0 (1.6)
1999 ³	11.2 (0.3)	7.3 (0.3)	12.6 (0.8)	28.6 (1.1)	11.9 (0.4)	7.7 (0.4)	12.1 (1.1)	31.0 (1.6)	10.5 (0.4)	6.9 (0.4)	13.0 (1.1)	26.0 (1.5)
2000 ³	10.9 (0.3)	6.9 (0.3)	13.1 (0.8)	27.8 (1.1)	12.0 (0.4)	7.0 (0.4)	15.3 (1.2)	31.8 (1.6)	9.9 (0.4)	6.9 (0.4)	11.1 (1.0)	23.5 (1.5)
2001 ³	10.7 (0.3)	7.3 (0.3)	10.9 (0.7)	27.0 (1.1)	12.2 (0.4)	7.9 (0.4)	13.0 (1.1)	31.6 (1.6)	9.3 (0.3)	6.7 (0.4)	9.0 (0.9)	22.1 (1.4)

—Not available.

¹ Based on the April 1960 decennial census.² White and Black include persons of Hispanic origin.³ Because of changes in data collection procedures, data may not be comparable with figures for earlier years.

NOTE: All races includes other racial/ethnic groups not shown separately. "Status" dropouts are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program regardless of when they left school. People who have re-

ceived GED credentials are counted as high school completers. All data except for 1960 are based on October counts. Data are based upon sample surveys of the civilian non-institutionalized population. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey (CPS), unpublished tabulations; and U.S. Department of Education, National Center for Education Statistics, *Dropout Rates in the United States, 2001*. (This table was prepared October 2002.)

Table 108. High school dropout rate (status dropouts) among persons 16 to 24 years old, by income level, and distribution of dropouts by labor force status and educational attainment: October 1970 to October 2001

Year	Dropout rate of 16- to 24-year-olds	Dropout rate of 16- to 24-year-olds, by family income quartile				Distribution of dropouts, by labor force status				Distribution of dropouts, by years of school completed				
		Lowest quartile	Middle-low quartile	Middle-high quartile	Highest quartile	Total	Em- ployed ¹	Unem- ployed	Not in labor force	Total	Less than 9	9	10	11 or 12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1970	15.0 (0.3)	28.0 (0.8)	21.2 (0.6)	11.7 (0.5)	5.2 (0.3)	100.0	49.8 (1.0)	10.3 (0.6)	39.9 (1.0)	100.0	28.5	20.6	26.8	24.0
1971	14.7 (0.3)	28.8 (0.8)	20.7 (0.6)	10.9 (0.4)	5.1 (0.3)	100.0	49.5 (1.0)	10.9 (0.6)	39.6 (0.9)	100.0	27.9	21.7	27.8	22.7
1972	14.6 (0.3)	27.6 (0.8)	20.8 (0.6)	10.2 (0.4)	5.4 (0.3)	100.0	51.2 (1.0)	10.2 (0.6)	38.6 (0.9)	100.0	27.5	20.8	29.0	22.7
1973	14.1 (0.3)	28.0 (0.8)	19.6 (0.6)	9.9 (0.4)	4.9 (0.3)	100.0	53.2 (1.0)	9.2 (0.6)	37.5 (0.9)	100.0	26.5	20.9	27.4	25.3
1974	14.3 (0.3)	—	—	—	—	100.0	51.8 (0.9)	12.3 (0.6)	35.9 (0.9)	100.0	25.4	20.1	28.7	25.8
1975	13.9 (0.3)	28.8 (0.8)	18.0 (0.5)	10.2 (0.4)	5.0 (0.3)	100.0	46.0 (0.9)	15.6 (0.7)	38.4 (0.9)	100.0	23.5	21.1	27.5	27.9
1976	14.1 (0.3)	28.1 (0.7)	19.2 (0.6)	10.1 (0.4)	4.9 (0.3)	100.0	48.8 (0.9)	16.0 (0.7)	35.2 (0.9)	100.0	24.3	20.1	27.8	27.8
1977	14.1 (0.3)	28.5 (0.7)	19.0 (0.6)	10.4 (0.4)	4.5 (0.3)	100.0	52.9 (0.9)	13.6 (0.6)	33.6 (0.9)	100.0	24.3	21.7	27.3	26.6
1978	14.2 (0.3)	28.2 (0.8)	18.9 (0.6)	10.5 (0.4)	5.5 (0.3)	100.0	54.3 (0.9)	12.4 (0.6)	33.3 (0.9)	100.0	22.9	20.2	28.2	28.8
1979	14.6 (0.3)	28.1 (0.7)	18.5 (0.6)	11.5 (0.4)	5.6 (0.3)	100.0	54.0 (0.9)	12.7 (0.6)	33.3 (0.9)	100.0	22.6	21.0	28.6	27.8
1980	14.1 (0.3)	27.0 (0.7)	18.1 (0.6)	10.7 (0.4)	5.7 (0.3)	100.0	50.4 (0.9)	17.0 (0.7)	32.6 (0.9)	100.0	23.6	19.7	29.8	27.0
1981	13.9 (0.3)	26.4 (0.7)	17.8 (0.5)	11.1 (0.4)	5.2 (0.3)	100.0	49.8 (0.9)	18.3 (0.7)	31.9 (0.9)	100.0	24.3	18.6	30.2	26.9
1982	13.9 (0.3)	27.2 (0.7)	18.3 (0.6)	10.2 (0.4)	4.4 (0.3)	100.0	45.2 (1.0)	21.1 (0.8)	33.7 (0.9)	100.0	22.9	20.8	28.8	27.6
1983	13.7 (0.3)	26.5 (0.7)	17.8 (0.6)	10.5 (0.5)	4.1 (0.3)	100.0	48.4 (1.0)	18.2 (0.8)	33.4 (0.9)	100.0	23.0	19.3	28.8	28.8
1984	13.1 (0.3)	25.9 (0.7)	16.5 (0.6)	9.9 (0.4)	3.8 (0.3)	100.0	49.7 (1.0)	17.3 (0.8)	32.9 (1.0)	100.0	23.6	21.4	27.5	27.5
1985	12.6 (0.3)	27.1 (0.7)	14.7 (0.6)	8.3 (0.4)	4.0 (0.3)	100.0	50.1 (1.1)	17.5 (0.8)	32.4 (1.0)	100.0	23.9	21.0	27.9	27.2
1986	12.2 (0.3)	25.4 (0.7)	14.8 (0.6)	8.0 (0.4)	3.4 (0.3)	100.0	51.1 (1.1)	16.4 (0.8)	32.5 (1.0)	100.0	25.4	21.5	25.7	27.4
1987	12.6 (0.3)	25.5 (0.7)	16.6 (0.6)	8.0 (0.4)	3.6 (0.3)	100.0	52.4 (1.1)	13.6 (0.7)	34.0 (1.0)	100.0	25.9	20.7	26.0	27.5
1988	12.9 (0.3)	27.2 (0.8)	15.4 (0.6)	8.2 (0.5)	3.4 (0.3)	100.0	52.9 (1.2)	††	††	100.0	28.9	19.3	25.1	26.8
1989	12.6 (0.3)	25.0 (0.8)	16.2 (0.7)	8.7 (0.5)	3.3 (0.3)	100.0	53.2 (1.2)	13.8 (0.8)	33.0 (1.1)	100.0	29.4	20.8	24.9	25.0
1990	12.1 (0.3)	24.3 (0.8)	15.1 (0.6)	8.7 (0.5)	2.9 (0.3)	100.0	52.5 (1.2)	13.3 (0.8)	34.2 (1.1)	100.0	28.6	20.9	24.4	26.1
1991	12.5 (0.3)	25.9 (0.8)	15.5 (0.6)	7.7 (0.5)	3.0 (0.3)	100.0	47.5 (1.2)	15.8 (0.9)	36.7 (1.1)	100.0	28.6	20.5	26.1	24.9
1992 ²	11.0 (0.3)	23.4 (0.7)	12.9 (0.6)	7.3 (0.4)	2.4 (0.2)	100.0	47.6 (1.3)	15.0 (0.9)	37.4 (1.2)	100.0	21.6	17.5	24.4	36.5
1993 ²	11.0 (0.3)	22.9 (0.7)	12.7 (0.6)	6.6 (0.4)	2.9 (0.3)	100.0	48.7 (1.3)	12.8 (0.8)	38.5 (1.2)	100.0	20.5	16.6	24.1	38.8
1994 ²	11.4 (0.3)	20.7 (0.7)	13.7 (0.6)	8.7 (0.5)	4.9 (0.3)	100.0	49.5 (1.2)	13.0 (0.8)	37.5 (1.2)	100.0	23.9	16.2	20.3	39.6
1995 ²	12.0 (0.3)	23.2 (0.7)	13.8 (0.6)	8.3 (0.5)	3.6 (0.3)	100.0	48.9 (1.2)	14.2 (0.8)	37.0 (1.2)	100.0	22.2	17.0	22.5	38.3
1996 ²	11.1 (0.3)	22.0 (0.7)	13.6 (0.6)	7.0 (0.4)	3.2 (0.3)	100.0	47.3 (1.3)	15.0 (0.9)	37.7 (1.2)	100.0	20.3	17.7	22.6	39.4
1997 ²	11.0 (0.3)	21.8 (0.7)	13.5 (0.6)	6.2 (0.4)	3.4 (0.3)	100.0	53.3 (1.3)	13.2 (0.9)	33.5 (1.2)	100.0	19.9	15.7	22.3	42.1
1998 ²	11.8 (0.3)	22.3 (0.7)	14.9 (0.6)	7.7 (0.5)	3.5 (0.3)	100.0	55.1 (1.2)	10.3 (0.7)	34.6 (1.2)	100.0	21.0	14.9	21.4	42.6
1999 ²	11.2 (0.3)	21.0 (0.7)	14.3 (0.6)	7.4 (0.4)	3.9 (0.3)	100.0	55.6 (1.2)	10.0 (0.7)	34.4 (1.2)	100.0	22.2	16.3	22.5	39.0
2000 ²	10.9 (0.3)	20.7 (0.7)	12.8 (0.6)	8.3 (0.5)	3.5 (0.3)	100.0	56.9 (1.2)	12.3 (0.8)	30.8 (1.2)	100.0	21.5	15.3	23.1	40.0
2001 ²	10.7 (0.3)	—	—	—	—	100.0	58.2 (1.2)	14.8 (0.9)	27.0 (1.1)	100.0	18.4	16.9	23.8	40.9

† Reporting standard not met.

— Not available.

¹ Includes persons employed, but not currently working.

² Data may not be comparable with figures for earlier years because of changes in data collection procedures.

NOTE: "Status" dropouts are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program, regardless of when they left school.

People who have received GED credentials are counted as high school completers. Data are based on sample surveys of the civilian noninstitutionalized population. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey (CPS), October 1970 through October 2001, unpublished tabulations. (This table was prepared October 2002.)

Table 109. Number of students with disabilities exiting special education, by basis of exit, age, and type of disability: United States and outlying areas, 2000–01

Age and type of disability	Total exiting special education	Graduated with diploma	Received a certificate of attendance	Reached maximum age ¹	No longer receives special education	Died	Moved, known to continue	Moved, not known to continue	Dropped out ²
1	2	3	4	5	6	7	8	9	10
Age group									
14 to 21 and over	582,791	173,523	33,427	5,959	70,448	1,791	148,031	59,940	89,672
14	64,541	17	29	5	15,438	245	34,655	10,897	3,255
15	71,433	77	34	4	16,583	312	35,087	12,219	7,117
16	81,222	1,170	213	8	14,995	337	32,715	12,743	19,041
17	121,070	42,432	4,668	48	12,790	336	25,024	11,194	24,578
18	144,146	79,878	12,914	777	7,390	262	13,831	7,293	21,801
19	66,264	37,095	8,789	418	2,298	137	4,576	3,258	9,693
20	19,258	8,286	3,418	904	620	77	1,450	1,429	3,074
21 and over	14,857	4,568	3,362	3,795	334	85	693	907	1,113
Type of disability for 14- to 21-year-olds and over									
All disabilities	582,791	173,523	33,427	5,959	70,448	1,791	148,031	59,940	89,672
Specific learning disabilities	340,511	117,645	14,813	1,558	41,069	580	79,863	33,692	51,291
Mental retardation	67,062	16,735	11,820	2,472	2,729	380	16,536	5,791	10,599
Emotional disturbance	94,794	15,032	2,342	579	8,038	169	34,806	13,721	20,107
Speech or language impairments ...	23,267	4,685	579	97	10,582	32	3,734	1,673	1,885
Multiple disabilities	9,686	2,742	1,184	652	420	249	2,678	775	986
Other health impairments	27,763	8,815	905	107	5,691	202	6,351	2,717	2,975
Hearing impairments	6,503	2,747	604	76	605	14	1,340	517	600
Orthopedic impairments	5,882	2,295	403	123	775	101	1,107	441	637
Visual impairments	2,498	1,161	170	35	219	25	516	178	194
Autism	2,563	740	422	215	157	15	649	216	149
Deaf-blindness	182	54	27	10	7	10	44	17	13
Traumatic brain injury	2,080	872	158	35	156	14	407	202	236

¹ The upper age mandate for providing special education and related services as defined by state law, practice, or court order.

² Dropped out is defined as the total who were enrolled at some point in the reporting year, were not enrolled at the end of the report year, and did not exit through any of the other bases described. This category includes dropouts, runaways, GED recipients, expulsions, status unknown, and other exiters.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act, 2002*, and unpublished tabulations. (This table was prepared July 2003.)

Table 110. Average student scale score in reading, by age and selected student and school characteristics: Selected years, 1971 to 1999

Selected student and school characteristics	1971	1975	1980	1984	1988	1990	1992	1994	1996	1999
1	2	3	4	5	6	7	8	9	10	11
9-year-olds¹										
Total	207.6 (1.0)	210.0 (0.7)	215.0 (1.0)	210.9 (0.7)	211.8 (1.1)	209.2 (1.2)	210.5 (0.9)	211.0 (1.2)	212.5 (1.0)	211.7 (1.3)
Sex										
Male	201.2 (1.1)	204.3 (0.8)	210.0 (1.1)	207.5 (0.8)	207.5 (1.4)	204.0 (1.7)	205.9 (1.3)	207.3 (1.3)	207.0 (1.4)	208.5 (1.6)
Female	213.9 (1.0)	215.8 (0.8)	220.1 (1.1)	214.2 (0.8)	216.3 (1.3)	214.5 (1.2)	215.4 (0.9)	214.7 (1.4)	217.8 (1.1)	214.8 (1.5)
Race/ethnicity										
White, non-Hispanic	214.0 (0.9)	216.6 (0.7)	221.3 (0.8)	218.2 (0.8)	217.7 (1.4)	217.0 (1.3)	217.9 (1.0)	218.0 (1.3)	219.6 (1.2)	221.0 (1.6)
Black, non-Hispanic	170.1 (1.7)	181.2 (1.2)	189.3 (1.8)	185.7 (1.1)	188.5 (2.4)	181.8 (2.9)	184.5 (2.2)	185.4 (2.3)	190.9 (2.6)	185.5 (2.3)
Hispanic	(¹) (—)	182.7 (2.2)	190.2 (2.3)	187.2 (2.1)	193.7 (3.5)	189.4 (2.3)	191.7 (3.1)	185.9 (3.9)	194.8 (3.4)	193.0 (2.7)
Control of school										
Public	— (—)	— (—)	213.5 (1.1)	209.4 (0.8)	210.2 (1.2)	207.5 (1.4)	208.6 (1.0)	209.4 (1.4)	210.2 (1.0)	209.9 (1.3)
Private	— (—)	— (—)	227.0 (1.8)	222.8 (1.6)	223.4 (3.0)	228.3 (3.3)	224.7 (2.3)	225.0 (2.7)	226.6 (3.0)	225.7 (3.3)
Region										
Northeast	213.0 (1.7)	214.8 (1.3)	221.1 (2.1)	215.7 (1.7)	215.2 (2.6)	217.4 (2.2)	217.6 (2.6)	217.4 (2.9)	220.0 (1.8)	222.0 (3.5)
Southeast	193.9 (2.9)	201.1 (1.2)	210.3 (2.3)	204.3 (1.6)	207.2 (2.1)	197.4 (3.2)	199.3 (2.0)	208.4 (3.0)	206.0 (2.8)	205.0 (2.3)
Central	214.9 (1.2)	215.5 (1.2)	216.7 (1.4)	215.3 (1.5)	218.2 (2.2)	212.7 (2.0)	215.8 (1.6)	214.3 (2.3)	215.0 (2.6)	215.0 (3.9)
West	205.0 (2.0)	207.0 (2.0)	212.8 (1.8)	207.8 (1.5)	207.9 (2.6)	209.6 (2.8)	209.3 (2.3)	205.1 (2.8)	210.0 (1.9)	206.0 (1.8)
13-year-olds										
Total	255.2 (0.9)	255.9 (0.8)	258.5 (0.9)	257.1 (0.5)	257.5 (1.0)	256.8 (0.8)	259.8 (1.2)	257.9 (0.9)	257.9 (1.0)	259.4 (1.0)
Sex										
Male	249.6 (1.0)	249.6 (0.8)	254.3 (1.1)	252.6 (0.6)	251.8 (1.3)	250.5 (1.1)	254.1 (1.7)	250.6 (1.2)	251.1 (1.2)	253.5 (1.3)
Female	260.8 (0.9)	262.3 (0.9)	262.6 (0.9)	261.7 (0.6)	263.0 (1.0)	263.1 (1.1)	265.3 (1.2)	265.7 (1.2)	264.3 (1.2)	265.2 (1.2)
Race/ethnicity										
White, non-Hispanic	260.9 (0.7)	262.1 (0.7)	264.4 (0.7)	262.6 (0.6)	261.3 (1.1)	262.3 (0.9)	266.4 (1.2)	265.1 (1.1)	265.9 (1.0)	266.7 (1.2)
Black, non-Hispanic	222.4 (1.2)	225.7 (1.2)	232.8 (1.5)	236.3 (1.0)	242.9 (2.4)	241.5 (2.2)	237.6 (2.3)	234.3 (2.4)	234.0 (2.6)	238.2 (2.4)
Hispanic	(¹) (—)	232.5 (3.0)	237.2 (2.0)	239.6 (1.7)	240.1 (3.5)	237.8 (2.3)	239.2 (3.5)	235.1 (1.9)	238.3 (2.9)	243.8 (2.9)
Control of school										
Public	— (—)	— (—)	256.9 (1.1)	255.2 (0.6)	256.1 (1.0)	255.0 (0.8)	257.2 (1.3)	255.6 (1.0)	256.0 (1.1)	256.9 (1.4)
Private	— (—)	— (—)	270.6 (1.5)	271.2 (1.7)	268.3 (2.8)	269.7 (2.9)	276.3 (2.6)	275.8 (3.4)	273.0 (3.4)	276.4 (3.4)
Region										
Northeast	261.1 (2.0)	258.5 (1.8)	260.0 (1.8)	260.4 (0.6)	258.6 (2.4)	258.9 (1.8)	264.6 (3.2)	269.0 (2.0)	259.0 (2.6)	263.0 (2.9)
Southeast	244.7 (1.7)	249.3 (1.5)	252.6 (1.6)	256.4 (1.5)	257.6 (2.2)	255.5 (2.2)	253.8 (2.5)	252.7 (2.5)	251.0 (3.3)	254.0 (2.4)
Central	260.1 (1.8)	261.5 (1.4)	264.5 (1.4)	258.8 (1.0)	255.9 (2.0)	257.4 (1.5)	263.5 (3.0)	259.3 (3.3)	267.0 (1.8)	261.0 (1.9)
West	253.6 (1.3)	253.2 (1.7)	256.4 (2.0)	253.8 (0.9)	257.9 (2.1)	255.6 (1.6)	257.5 (1.6)	252.9 (2.1)	257.0 (1.7)	259.0 (2.2)
17-year-olds										
Total	285.2 (1.2)	285.6 (0.8)	285.5 (1.2)	288.8 (0.6)	290.1 (1.0)	290.2 (1.1)	289.7 (1.1)	288.1 (1.3)	287.6 (1.1)	287.8 (1.3)
Sex										
Male	278.9 (1.2)	279.7 (1.0)	281.8 (1.3)	283.8 (0.6)	286.0 (1.5)	284.0 (1.6)	284.2 (1.6)	281.7 (2.2)	280.6 (1.3)	281.5 (1.6)
Female	291.3 (1.3)	291.2 (1.0)	289.2 (1.2)	293.9 (0.8)	293.8 (1.5)	296.5 (1.2)	295.7 (1.1)	294.7 (1.5)	295.1 (1.2)	294.6 (1.4)
Race/ethnicity										
White, non-Hispanic	291.4 (1.0)	293.0 (0.6)	292.8 (0.9)	295.2 (0.7)	294.7 (1.2)	296.6 (1.2)	297.4 (1.4)	295.7 (1.5)	295.1 (1.2)	294.6 (1.4)
Black, non-Hispanic	238.7 (1.7)	240.6 (2.0)	243.1 (1.8)	264.3 (1.0)	274.4 (2.4)	267.3 (2.3)	266.2 (2.1)	266.2 (3.9)	266.1 (2.7)	263.9 (1.7)
Hispanic	(¹) (—)	252.4 (3.6)	261.4 (2.7)	268.1 (2.2)	270.8 (4.3)	274.8 (3.6)	271.2 (3.7)	263.2 (4.9)	265.4 (4.1)	270.7 (3.9)
Parents' highest level of education										
Not high school graduate	261.3 (1.5)	262.5 (1.3)	262.1 (1.5)	269.4 (1.1)	267.4 (2.0)	269.7 (2.8)	270.8 (3.9)	267.9 (2.7)	267.3 (3.2)	264.8 (3.6)
Graduated high school	283.0 (1.2)	281.4 (1.1)	277.5 (1.0)	281.2 (0.7)	282.0 (1.3)	282.9 (1.4)	280.5 (1.6)	276.1 (1.9)	273.4 (1.7)	273.9 (2.1)
Post high school	302.2 (1.0)	300.6 (0.7)	298.9 (1.0)	301.2 (0.7)	299.5 (1.3)	299.9 (1.1)	298.6 (1.4)	298.5 (1.4)	297.7 (1.2)	297.5 (1.2)
Control of school										
Public	— (—)	— (—)	284.4 (1.2)	287.2 (0.6)	288.7 (1.0)	288.6 (1.1)	287.8 (1.0)	286.0 (1.5)	287.0 (1.1)	285.6 (1.3)
Private	— (—)	— (—)	298.4 (2.7)	303.0 (2.0)	299.6 (3.8)	311.0 (4.2)	309.6 (4.2)	306.1 (5.8)	294.2 (5.7)	307.2 (3.5)
Region										
Northeast	291.3 (2.8)	289.1 (1.7)	285.9 (2.4)	292.2 (1.9)	294.8 (2.9)	295.7 (1.8)	297.3 (3.2)	296.8 (4.2)	292.0 (2.8)	295.0 (4.0)
Southeast	270.5 (2.4)	276.5 (1.4)	280.1 (2.2)	284.7 (1.6)	285.5 (2.1)	285.1 (2.5)	278.4 (2.9)	283.5 (2.8)	279.0 (2.6)	279.0 (2.4)
Central	290.7 (2.1)	291.8 (1.4)	287.4 (2.2)	290.0 (1.4)	291.2 (1.9)	293.5 (2.4)	293.8 (2.1)	285.7 (3.7)	293.0 (2.1)	292.0 (1.5)
West	283.7 (1.8)	281.6 (1.9)	287.3 (2.1)	288.4 (1.1)	289.0 (1.8)	286.8 (2.6)	290.4 (2.3)	287.8 (2.8)	287.0 (2.4)	286.0 (3.0)

—Not available.

¹ Test scores of Hispanics were not tabulated separately.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). Includes public and private schools. The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize, and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand, combine ideas, and make inferences based on short uncompli-

cated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500. Excludes persons not enrolled in school and those who were unable to be tested due to limited proficiency in English or due to a disability. Some data have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared August 2000.)

Table 111. Student scale score in reading, by age and percentile: Selected years, 1971 to 1999

Percentile	1971	1975	1980	1984	1988	1990	1992	1994	1996	1999		
										Total	Male	Female
1			4	5	6	7	8	9	10	11	12	13
9-year-olds												
Average	207.6 (1.0)	210.0 (0.7)	215.0 (1.0)	210.9 (0.7)	211.8 (1.1)	209.2 (1.2)	210.5 (0.9)	211.0 (1.2)	212.5 (1.0)	211.7 (1.3)	208.5 (1.6)	214.8 (1.5)
Standard deviation	42.1 (0.4)	38.6 (0.3)	37.9 (0.4)	41.1 (0.4)	41.2 (1.0)	44.7 (0.8)	40.3 (0.6)	40.5 (0.8)	39.0 (0.8)	39.1 (0.7)	40.6 (0.9)	37.5 (0.9)
Percentiles												
5th	134.8 (2.0)	143.2 (1.3)	148.5 (1.6)	140.5 (1.2)	141.9 (3.6)	134.8 (3.2)	140.7 (1.6)	140.1 (2.6)	144.6 (2.4)	143.4 (1.3)	136.8 (1.6)	149.7 (3.1)
10th	151.6 (1.6)	159.2 (1.1)	165.1 (1.4)	156.7 (1.2)	156.7 (2.1)	150.1 (1.9)	156.0 (1.5)	155.6 (2.5)	159.7 (2.1)	158.3 (1.4)	152.9 (2.3)	164.2 (2.6)
25th	180.0 (1.3)	185.2 (0.8)	191.1 (1.2)	183.7 (1.2)	184.3 (1.8)	178.7 (1.8)	183.1 (1.5)	184.1 (1.9)	186.1 (1.3)	185.0 (2.0)	180.3 (1.8)	189.3 (1.6)
50th	209.3 (1.0)	211.9 (0.8)	217.2 (0.9)	212.6 (1.0)	213.7 (1.4)	210.3 (1.5)	213.6 (0.9)	214.8 (1.1)	215.4 (1.2)	214.8 (1.7)	211.5 (2.3)	218.0 (2.7)
75th	236.7 (1.0)	236.5 (0.9)	241.3 (1.0)	239.6 (0.9)	240.1 (1.3)	240.3 (1.8)	239.3 (1.2)	240.0 (1.5)	240.3 (1.0)	239.4 (1.4)	237.1 (2.1)	241.4 (1.6)
90th	260.5 (0.8)	258.1 (0.8)	261.7 (1.1)	262.8 (0.9)	263.0 (1.7)	265.7 (1.1)	259.9 (1.2)	260.1 (1.6)	259.7 (1.0)	259.3 (1.1)	258.4 (3.0)	259.9 (2.7)
95th	274.1 (0.9)	270.6 (0.1)	273.3 (1.6)	276.5 (1.4)	277.5 (2.0)	280.4 (1.3)	272.1 (1.2)	271.7 (1.5)	271.8 (1.3)	272.3 (2.3)	271.8 (3.4)	272.6 (2.0)
13-year-olds												
Average	255.2 (0.9)	255.9 (0.8)	258.5 (0.9)	257.1 (0.6)	257.5 (1.0)	256.8 (0.8)	259.8 (1.2)	257.9 (0.9)	257.9 (1.0)	259.4 (1.0)	253.5 (1.3)	265.2 (1.2)
Standard deviation	35.7 (0.4)	35.8 (0.3)	34.9 (0.4)	35.5 (0.3)	34.7 (0.5)	36.0 (0.6)	39.4 (0.8)	39.8 (0.7)	39.1 (0.9)	38.4 (0.8)	38.9 (1.1)	37.0 (1.0)
Percentiles												
5th	192.8 (1.8)	193.5 (1.1)	199.1 (1.9)	196.7 (1.1)	199.5 (1.7)	195.7 (1.9)	190.9 (2.8)	188.2 (4.9)	189.1 (2.3)	193.4 (2.6)	186.3 (3.6)	203.0 (3.0)
10th	207.8 (1.4)	208.7 (1.0)	212.8 (1.5)	210.2 (0.9)	212.9 (1.2)	209.8 (1.8)	207.9 (1.9)	205.1 (1.7)	206.4 (2.1)	209.2 (1.6)	201.4 (1.9)	217.5 (2.4)
25th	232.3 (1.2)	232.9 (1.0)	235.3 (1.1)	233.9 (0.8)	234.2 (1.2)	233.2 (1.0)	234.7 (1.8)	232.5 (1.2)	233.1 (1.5)	234.2 (1.1)	227.4 (2.0)	240.4 (1.2)
50th	257.0 (1.0)	257.7 (0.9)	259.6 (0.8)	258.2 (0.8)	257.9 (1.1)	257.3 (0.9)	261.6 (1.6)	260.1 (1.1)	260.1 (0.9)	261.0 (1.5)	255.2 (1.4)	266.3 (1.5)
75th	279.9 (0.8)	280.6 (0.8)	282.8 (0.8)	281.6 (0.6)	281.4 (1.4)	281.5 (0.8)	287.0 (1.4)	285.2 (1.1)	284.8 (0.8)	285.8 (1.6)	281.1 (2.4)	290.7 (2.6)
90th	299.6 (0.9)	300.5 (1.0)	302.3 (0.8)	301.7 (0.8)	301.6 (1.0)	302.0 (1.0)	309.2 (1.8)	307.4 (1.4)	306.1 (1.4)	308.2 (2.4)	302.3 (2.3)	312.3 (2.1)
95th	310.8 (0.9)	311.8 (1.0)	313.9 (0.8)	313.7 (1.0)	313.7 (1.3)	314.4 (1.3)	321.9 (2.6)	320.3 (1.4)	319.3 (1.8)	320.1 (1.2)	313.7 (1.7)	324.9 (2.0)
17-year-olds												
Average	285.2 (1.2)	285.6 (0.8)	285.5 (1.2)	288.8 (0.8)	290.1 (1.0)	290.2 (1.1)	289.7 (1.1)	288.1 (1.3)	287.6 (1.1)	287.8 (1.3)	281.5 (1.6)	294.6 (1.4)
Standard deviation	45.8 (0.5)	44.0 (0.6)	41.8 (0.6)	40.3 (0.3)	37.1 (0.7)	41.3 (0.7)	43.0 (0.6)	44.4 (1.0)	42.2 (0.8)	41.8 (0.8)	42.8 (1.2)	39.6 (0.8)
Percentiles												
5th	206.1 (1.5)	209.3 (3.0)	213.0 (1.7)	219.9 (1.3)	226.1 (1.3)	220.0 (2.3)	214.3 (2.9)	210.8 (3.6)	214.1 (2.5)	215.0 (4.5)	206.8 (3.2)	228.7 (5.7)
10th	225.3 (1.7)	228.4 (1.7)	230.6 (1.8)	236.0 (0.9)	241.5 (2.2)	236.9 (3.1)	232.7 (2.7)	230.0 (3.1)	232.0 (1.7)	233.1 (3.7)	224.5 (2.3)	244.4 (1.9)
25th	255.9 (1.6)	257.8 (1.1)	258.7 (1.2)	262.5 (1.1)	265.7 (1.8)	263.5 (1.3)	262.6 (1.1)	259.8 (1.8)	259.9 (1.1)	260.7 (2.2)	253.0 (2.2)	268.4 (1.6)
50th	287.7 (1.4)	287.9 (0.7)	287.5 (1.4)	290.3 (0.9)	291.1 (1.9)	291.1 (1.3)	293.0 (1.2)	289.9 (1.8)	288.9 (1.9)	289.2 (1.8)	283.2 (1.6)	295.3 (1.6)
75th	316.7 (1.0)	315.7 (0.7)	314.6 (1.2)	316.8 (0.9)	316.0 (1.9)	318.6 (1.5)	319.4 (1.4)	318.7 (1.8)	316.4 (1.6)	316.4 (1.6)	311.2 (1.9)	321.6 (1.9)
90th	341.7 (1.1)	340.0 (0.9)	337.5 (1.4)	339.6 (0.7)	336.9 (2.1)	342.7 (2.1)	342.7 (1.8)	343.0 (1.8)	341.0 (1.7)	340.6 (2.2)	335.3 (2.6)	345.4 (1.9)
95th	356.5 (1.5)	354.3 (0.7)	350.9 (1.3)	352.6 (1.0)	348.7 (1.8)	356.0 (1.7)	355.8 (1.9)	357.7 (1.7)	355.1 (2.6)	355.1 (1.7)	350.3 (6.4)	359.1 (3.0)

NOTE: All age groups exclude persons not enrolled in school and those who were unable to be tested due to limited proficiency in English or due to a disability. Includes public and private schools. These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize, and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information.

A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500. Some data revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared August 2000.)

Table 112. Average student scale score in reading, by age, reading habits, and amount of time spent on homework: 1984, 1994, 1996, and 1999

Time spent on homework and reading habits	9-year-olds				13-year-olds				17-year-olds			
	1984	1994	1996	1999	1984	1994	1996	1999	1984	1994	1996	1999
1	2	3	4	5	6	7	8	9	10	11	12	13
Average scale score												
Materials read a few times a year or more												
Poems	211 (1.9)	210 (2.9)	215 (2.8)	213 (2.7)	260 (1.2)	261 (2.3)	262 (2.5)	263 (1.9)	290 (1.5)	293 (2.1)	294 (2.8)	292 (2.6)
Plays	211 (2.5)	207 (3.0)	214 (4.1)	211 (3.7)	260 (1.3)	263 (2.1)	262 (2.4)	264 (2.3)	290 (1.7)	294 (2.4)	293 (2.3)	294 (2.7)
Biographies	213 (2.4)	210 (3.4)	220 (3.2)	215 (3.0)	261 (1.3)	261 (2.1)	262 (2.3)	263 (2.1)	292 (1.4)	293 (2.4)	293 (2.3)	291 (2.8)
Science books	212 (1.6)	211 (2.6)	214 (2.0)	213 (2.1)	259 (1.2)	260 (2.1)	261 (2.2)	261 (1.7)	289 (1.4)	293 (2.4)	290 (2.2)	291 (2.3)
Books about other times	211 (1.7)	211 (2.6)	213 (2.3)	213 (2.5)	259 (1.1)	260 (2.2)	262 (2.2)	262 (2.1)	289 (1.4)	293 (2.3)	292 (2.8)	292 (2.0)
Frequency of reading for fun												
Daily	214 (1.1)	215 (2.3)	213 (2.0)	215 (2.4)	264 (1.4)	272 (3.2)	269 (3.3)	272 (3.2)	297 (1.5)	302 (4.2)	302 (5.2)	301 (4.9)
Weekly	212 (1.7)	214 (3.1)	212 (2.6)	215 (2.6)	255 (1.4)	255 (3.1)	258 (3.2)	263 (3.2)	290 (1.7)	286 (4.1)	293 (4.0)	289 (2.9)
Monthly	204 (3.3)	213 (5.8)	210 (5.0)	211 (4.2)	255 (2.1)	255 (5.7)	259 (4.6)	260 (3.7)	290 (1.8)	286 (4.5)	290 (5.6)	286 (4.8)
Yearly	197 (4.2)	— (—)	— (—)	— (—)	252 (3.6)	252 (5.4)	— (—)	253 (4.4)	279 (2.7)	281 (8.2)	285 (5.6)	283 (4.4)
Never	198 (2.7)	193 (3.9)	199 (4.3)	195 (3.3)	239 (2.5)	237 (5.1)	236 (4.8)	242 (5.3)	269 (2.4)	258 (5.2)	270 (5.0)	262 (5.0)
Reading of books, newspapers, and magazines												
Yearly/monthly	207 (1.6)	206 (3.8)	208 (3.1)	209 (2.9)	244 (1.7)	245 (3.7)	249 (3.4)	252 (2.9)	270 (2.0)	279 (4.0)	275 (4.5)	276 (3.8)
Weekly	219 (2.5)	216 (3.7)	221 (4.7)	220 (3.5)	261 (1.6)	262 (2.6)	262 (3.0)	261 (3.3)	288 (1.5)	295 (2.8)	294 (3.2)	292 (2.2)
Daily	211 (3.8)	— (—)	— (—)	214 (6.3)	269 (2.2)	275 (3.9)	270 (3.4)	271 (4.0)	299 (1.9)	296 (4.0)	295 (4.8)	299 (6.5)
Time spent on homework												
None	212 (0.9)	213 (2.0)	210 (1.9)	210 (1.9)	254 (0.8)	250 (1.7)	254 (1.3)	251 (2.0)	276 (0.7)	273 (2.3)	274 (1.9)	275 (2.3)
Didn't do assignment	199 (2.1)	200 (4.3)	196 (5.2)	204 (4.4)	247 (1.7)	243 (5.6)	249 (3.3)	249 (4.2)	287 (1.2)	285 (2.1)	281 (2.2)	282 (3.1)
Less than 1 hour	217 (0.7)	212 (1.4)	215 (1.0)	214 (1.5)	261 (0.6)	261 (1.3)	258 (1.6)	262 (1.2)	290 (0.8)	288 (1.6)	289 (1.5)	291 (2.3)
1 to 2 hours	216 (1.3)	214 (3.0)	219 (2.1)	215 (3.2)	266 (0.7)	268 (1.7)	266 (1.6)	269 (1.6)	296 (0.8)	297 (1.7)	296 (2.1)	296 (2.0)
More than 2 hours	201 (1.8)	193 (6.1)	199 (4.5)	197 (3.5)	265 (1.2)	270 (2.4)	268 (2.3)	269 (3.0)	303 (1.1)	306 (3.1)	307 (3.4)	300 (2.8)
Percent												
Materials read a few times a year or more												
Poems	70 (1.5)	62 (2.3)	60 (1.9)	64 (2.4)	68 (1.3)	79 (1.4)	80 (1.9)	77 (1.6)	76 (1.1)	85 (2.2)	80 (1.8)	85 (2.0)
Plays	56 (1.4)	45 (2.2)	42 (2.3)	44 (2.2)	59 (1.4)	63 (2.3)	67 (2.1)	61 (1.8)	63 (1.0)	70 (2.1)	67 (1.6)	72 (2.0)
Biographies	45 (1.5)	47 (2.1)	46 (2.4)	49 (3.0)	62 (1.3)	68 (1.7)	65 (2.6)	72 (2.1)	59 (1.2)	69 (1.8)	66 (1.7)	70 (1.9)
Science books	84 (1.3)	87 (1.8)	83 (2.2)	80 (1.6)	90 (1.1)	92 (1.4)	90 (1.9)	89 (1.2)	70 (1.1)	84 (1.9)	82 (2.0)	84 (1.3)
Books about other times	79 (1.2)	79 (2.0)	78 (1.6)	79 (1.9)	83 (1.1)	83 (1.8)	84 (1.8)	84 (1.3)	81 (0.9)	82 (2.0)	81 (1.9)	81 (2.0)
Frequency of reading for fun												
Total	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)
Daily	53 (1.0)	58 (1.6)	54 (1.9)	54 (1.6)	35 (1.0)	32 (1.8)	32 (1.9)	28 (1.7)	31 (0.8)	30 (2.6)	23 (2.0)	25 (1.7)
Weekly	28 (0.8)	25 (1.5)	27 (1.8)	26 (1.5)	35 (1.2)	32 (2.1)	31 (2.1)	36 (1.7)	34 (1.1)	31 (1.9)	32 (2.7)	28 (2.7)
Monthly	7 (0.6)	5 (0.6)	8 (1.0)	6 (0.6)	14 (0.8)	14 (1.7)	15 (1.4)	17 (1.6)	17 (0.5)	15 (1.5)	17 (1.5)	19 (1.7)
Yearly	3 (0.3)	3 (0.6)	3 (0.5)	4 (0.7)	7 (0.5)	10 (1.2)	9 (1.2)	10 (1.2)	10 (0.5)	12 (1.5)	12 (1.6)	12 (1.4)
Never	9 (0.5)	9 (0.8)	8 (0.8)	10 (0.8)	8 (0.6)	12 (1.7)	13 (1.5)	9 (1.4)	9 (0.6)	12 (1.4)	16 (2.1)	16 (2.4)
Reading of books, newspapers, and magazines												
Total	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)
Yearly/monthly	59 (1.5)	64 (1.8)	67 (2.3)	63 (2.6)	30 (1.5)	34 (2.5)	32 (2.6)	32 (2.0)	20 (1.0)	22 (1.7)	25 (2.1)	26 (2.1)
Weekly	31 (1.5)	27 (1.8)	22 (1.9)	27 (2.4)	49 (1.1)	47 (2.5)	47 (2.2)	49 (2.2)	53 (1.2)	55 (2.3)	52 (2.6)	52 (2.2)
Daily	11 (0.9)	9 (1.3)	10 (1.2)	11 (1.2)	21 (1.1)	19 (1.7)	21 (1.7)	19 (1.9)	27 (1.3)	23 (1.8)	23 (1.9)	21 (2.1)
Time spent on homework												
Total	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)	100 (0.0)
None	36 (1.3)	32 (2.1)	26 (1.6)	26 (1.6)	23 (0.8)	23 (1.4)	22 (1.8)	24 (1.2)	22 (0.9)	23 (1.4)	23 (1.4)	26 (1.0)
Didn't do assignment	4 (0.3)	4 (0.4)	4 (0.3)	4 (0.3)	4 (0.2)	6 (0.6)	5 (0.5)	5 (0.4)	11 (0.3)	11 (0.6)	13 (0.6)	13 (0.7)
Less than 1 hour	41 (1.0)	48 (1.7)	53 (1.5)	53 (1.4)	36 (0.7)	34 (1.0)	37 (1.2)	37 (1.4)	26 (0.4)	27 (0.9)	28 (0.9)	26 (1.0)
1 to 2 hours	13 (0.5)	12 (0.7)	13 (0.7)	12 (0.7)	29 (0.5)	28 (1.0)	27 (1.2)	26 (1.0)	27 (0.5)	26 (1.2)	24 (1.0)	23 (0.8)
More than 2 hours	6 (0.2)	4 (0.4)	4 (0.3)	5 (0.5)	9 (0.3)	9 (0.7)	8 (0.9)	8 (0.8)	13 (0.6)	13 (0.9)	11 (0.7)	12 (0.9)

—Not available.

NOTE: All age groups exclude persons not enrolled in school and those who were unable to be tested due to imited proficiency in English or due to a disability. Includes public and private schools. These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to under-

stand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared November 2001.)

Table 114. Average scale score in reading for 4th-graders in public schools, by race/ethnicity and state or jurisdiction: Selected years, 1994 to 2003

State or jurisdiction	1994	1998	2002	2003					
	Average	Average	Average	Average	Race/ethnicity ¹				
					White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native
1	2	3	4	5	6	7	8	9	10
United States²	212 (1.1)	213 (1.2)	217 (0.5)	216 (0.3)	227 (0.2)	197 (0.4)	199 (0.6)	225 (1.3)	202 (1.4)
Alabama	208 (1.5)	211 (1.9)	207 (1.4)	207 (1.7)	219 (1.5)	188 (2.5)	‡ (‡)	‡ (‡)	‡ (‡)
Alaska	— (—)	— (—)	— (—)	212 (1.6)	226 (1.2)	209 (3.5)	209 (3.0)	207 (4.5)	184 (2.5)
Arizona	206 (1.9)	206 (1.4)	205 (1.5)	209 (1.2)	223 (1.4)	196 (3.4)	195 (1.9)	225 (4.9)	182 (2.5)
Arkansas	209 (1.7)	209 (1.6)	213 (1.4)	214 (1.4)	223 (1.3)	190 (2.3)	204 (4.1)!	‡ (‡)	‡ (‡)
California ^{3,4}	197 (1.8)	202 (2.5)	206 (2.5)	206 (1.2)	224 (1.7)	193 (3.1)	191 (3.3)	224 (3.2)	‡ (‡)
Colorado	213 (1.3)	220 (1.4)	— (—)	224 (1.2)	232 (1.2)	208 (2.6)	205 (1.6)	225 (3.7)	‡ (‡)
Connecticut	222 (1.6)	230 (1.6)	229 (1.1)	228 (1.1)	238 (1.2)	201 (2.2)	206 (2.5)	231 (3.9)	‡ (‡)
Delaware	206 (1.1)	207 (1.7)	224 (0.6)	224 (0.7)	233 (0.7)	211 (1.1)	209 (3.0)	238 (3.5)	‡ (‡)
District of Columbia	— (—)	179 (1.2)	191 (0.9)	188 (0.9)	254 (2.6)	184 (0.8)	187 (2.8)	‡ (‡)	‡ (‡)
Florida	205 (1.7)	206 (1.4)	214 (1.4)	218 (1.1)	229 (1.3)	198 (1.9)	211 (2.2)	233 (6.2)	‡ (‡)
Georgia	207 (2.4)	209 (1.4)	215 (1.0)	214 (1.3)	226 (1.4)	199 (1.3)	201 (3.5)	233 (6.2)	‡ (‡)
Hawaii	201 (1.7)	200 (1.5)	208 (0.9)	208 (1.4)	221 (2.2)	211 (3.0)	204 (4.7)	205 (1.6)	‡ (‡)
Idaho	— (—)	— (—)	220 (1.1)	218 (1.0)	222 (0.9)	‡ (‡)	199 (2.1)	‡ (‡)	‡ (‡)
Illinois	— (—)	— (—)	— (—)	216 (1.6)	228 (1.8)	194 (1.8)	197 (3.1)	235 (4.9)	‡ (‡)
Indiana	220 (1.3)	— (—)	222 (1.4)	220 (1.0)	224 (1.0)	197 (3.9)	212 (3.1)!	‡ (‡)	‡ (‡)
Iowa ^{3,4}	223 (1.3)	220 (1.6)	223 (1.1)	223 (1.1)	226 (1.1)	196 (2.7)	205 (3.6)	‡ (‡)	‡ (‡)
Kansas ^{3,4}	— (—)	221 (1.4)	222 (1.4)	220 (1.2)	225 (1.3)	197 (2.9)	207 (2.5)	‡ (‡)	‡ (‡)
Kentucky	212 (1.6)	218 (1.5)	219 (1.1)	219 (1.3)	221 (1.2)	202 (3.3)	‡ (‡)	‡ (‡)	‡ (‡)
Louisiana	197 (1.3)	200 (1.6)	207 (1.7)	205 (1.4)	223 (1.4)	189 (1.6)	‡ (‡)	‡ (‡)	‡ (‡)
Maine	228 (1.3)	225 (1.4)	225 (1.1)	224 (0.9)	224 (0.9)	‡ (‡)	‡ (‡)	‡ (‡)	‡ (‡)
Maryland	210 (1.5)	212 (1.6)	217 (1.5)	219 (1.4)	231 (1.5)	200 (2.1)	209 (4.5)	237 (4.0)	‡ (‡)
Massachusetts ³	223 (1.3)	223 (1.4)	234 (1.1)	228 (1.2)	234 (1.3)	207 (1.6)	202 (2.1)	229 (3.4)	‡ (‡)
Michigan	— (—)	216 (1.5)	219 (1.1)	219 (1.2)	228 (0.9)	189 (2.0)	205 (3.4)!	232 (8.4)!	‡ (‡)
Minnesota ^{3,4}	218 (1.4)	219 (1.7)	225 (1.1)	223 (1.1)	229 (1.0)	194 (3.4)	195 (3.7)	197 (2.8)	‡ (‡)
Mississippi	202 (1.6)	203 (1.3)	203 (1.3)	205 (1.3)	221 (1.3)	192 (1.7)	‡ (‡)	‡ (‡)	‡ (‡)
Missouri	217 (1.5)	216 (1.3)	220 (1.3)	222 (1.2)	227 (1.3)	203 (1.7)	218 (4.2)	‡ (‡)	‡ (‡)
Montana ^{3,4}	222 (1.4)	225 (1.5)	224 (1.8)	223 (1.2)	227 (1.0)	‡ (‡)	‡ (‡)	‡ (‡)	195 (4.0)
Nebraska ⁵	220 (1.5)	— (—)	222 (1.5)	221 (1.0)	225 (1.1)	203 (2.9)	202 (2.7)	‡ (‡)	‡ (‡)
Nevada	— (—)	206 (1.8)	209 (1.2)	207 (1.2)	217 (1.5)	193 (3.0)	192 (2.0)	214 (2.6)	190 (6.0)!
New Hampshire ³	223 (1.5)	226 (1.7)	— (—)	228 (1.0)	229 (0.9)	‡ (‡)	206 (4.5)	‡ (‡)	‡ (‡)
New Jersey	219 (1.2)	— (—)	— (—)	225 (1.2)	235 (1.4)	200 (3.3)	212 (2.1)	235 (3.3)	‡ (‡)
New Mexico	205 (1.7)	205 (1.4)	208 (1.6)	203 (1.5)	222 (2.0)	202 (5.2)	197 (1.9)	‡ (‡)	182 (2.6)
New York ^{3,4}	212 (1.4)	215 (1.6)	222 (1.5)	222 (1.1)	235 (1.3)	203 (1.9)	208 (1.9)	230 (2.5)	‡ (‡)
North Carolina	214 (1.5)	213 (1.6)	222 (1.0)	221 (1.0)	232 (1.1)	203 (1.2)	212 (2.8)	227 (3.8)	200 (5.5)!
North Dakota ⁴	225 (1.2)	— (—)	224 (1.0)	222 (0.9)	224 (0.9)	‡ (‡)	‡ (‡)	‡ (‡)	202 (1.8)
Ohio	— (—)	— (—)	222 (1.3)	222 (1.2)	226 (1.3)	202 (2.4)	207 (5.7)	‡ (‡)	‡ (‡)
Oklahoma	— (—)	219 (1.2)	213 (1.2)	214 (1.2)	220 (1.3)	195 (2.5)	200 (3.0)	‡ (‡)	206 (2.9)
Oregon	— (—)	212 (1.8)	220 (1.4)	218 (1.3)	222 (1.2)	202 (5.1)	199 (2.3)	219 (4.0)	‡ (‡)
Pennsylvania ⁵	215 (1.6)	— (—)	221 (1.2)	219 (1.3)	227 (1.2)	191 (2.3)	195 (4.4)!	‡ (‡)	‡ (‡)
Rhode Island ⁵	220 (1.3)	218 (1.4)	220 (1.2)	216 (1.3)	224 (1.3)	196 (3.3)	196 (2.7)	221 (3.5)	‡ (‡)
South Carolina	203 (1.4)	209 (1.4)	214 (1.3)	215 (1.3)	226 (1.5)	199 (1.4)	205 (5.7)	‡ (‡)	‡ (‡)
South Dakota	— (—)	— (—)	— (—)	222 (1.2)	227 (0.9)	‡ (‡)	‡ (‡)	‡ (‡)	197 (3.4)
Tennessee ^{4,5}	213 (1.7)	212 (1.4)	214 (1.2)	212 (1.6)	220 (1.4)	188 (2.7)	206 (5.6)	‡ (‡)	‡ (‡)
Texas	212 (1.9)	214 (1.9)	217 (1.7)	215 (1.0)	227 (1.6)	202 (1.9)	205 (1.3)	229 (4.3)!	‡ (‡)
Utah	217 (1.3)	216 (1.2)	222 (1.0)	219 (1.0)	223 (1.0)	‡ (‡)	194 (2.7)	212 (5.1)	‡ (‡)
Vermont	— (—)	— (—)	227 (1.1)	226 (0.9)	226 (0.9)	‡ (‡)	‡ (‡)	‡ (‡)	‡ (‡)
Virginia	213 (1.5)	217 (1.2)	225 (1.3)	223 (1.5)	231 (2.0)	206 (2.1)	210 (3.0)	235 (4.5)	‡ (‡)
Washington ⁴	213 (1.5)	218 (1.4)	224 (1.2)	221 (1.1)	226 (1.1)	212 (2.4)	201 (2.7)	218 (2.9)	208 (4.9)
West Virginia	213 (1.1)	216 (1.7)	219 (1.2)	219 (1.0)	220 (1.0)	203 (3.7)	‡ (‡)	‡ (‡)	‡ (‡)
Wisconsin ^{3,4,5}	224 (1.1)	222 (1.1)	— (—)	221 (0.8)	225 (1.0)	200 (2.5)	209 (3.5)!	213 (4.6)	211 (3.5)!
Wyoming	221 (1.2)	218 (1.5)	221 (1.0)	222 (0.8)	224 (0.8)	‡ (‡)	214 (2.5)	‡ (‡)	189 (3.5)
Department of Defense dependents schools:									
Domestic schools	— (—)	219 (1.6)	225 (0.7)	223 (1.2)	232 (1.6)	213 (2.1)	216 (3.0)	‡ (‡)	‡ (‡)
Overseas schools	218 (0.9)	221 (1.0)	224 (0.5)	225 (0.6)	230 (1.0)	215 (1.7)	220 (2.1)	223 (2.0)	‡ (‡)
Outlying Areas									
Guam	181 (1.2)	— (—)	185 (1.3)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Virgin Islands	— (—)	174 (2.2)	179 (1.9)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)

— Jurisdiction did not participate.

! Interpret data with caution.

‡ Sample size is insufficient to permit a reliable estimate.

¹ Based on school records.

² Based on nationally representative sample. Forty-one states and Guam participated in the test in 1994; 44 jurisdictions (state, territory, and Department of Defense schools) participated in 1998; 50 jurisdictions participated in 2002; and 53 participated in 2003.

³ Did not satisfy one or more of the guidelines for school sample participation rates in 1998. Data are subject to appreciable nonresponse bias.

⁴ Did not satisfy one or more of the guidelines for school sample participation rates in 2002. Data are subject to appreciable nonresponse bias.

⁵ Did not satisfy one or more of the guidelines for school sample participation rates in 1994. Data are subject to appreciable nonresponse bias.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). Excludes persons not enrolled in school and those who were unable to be tested due to limited proficiency in English or due to a disability. Scale ranges from 0 to 500. Unlike data for previous years, the 2002 and 2003 data are from samples where accommodations were permitted for special needs students. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Assessment of Educational Progress, NAEP 1998, 2002, and 2003 Reading Report Cards for the Nation and the States*, prepared by the Educational Testing Service. (This table was prepared August 2004.)

Table 115. Average scale score in reading for 8th-graders in public schools, by locale and state or jurisdiction: 1998, 2002, 2003

State or jurisdiction	Average, 1998	2002				2003			
		Average	Locale			Average	Locale		
			Central city	Urban fringe/large town	Rural/small town		Central city	Urban fringe/large town	Rural/small town
1	2	3	4	5	6	7	8	9	10
United States¹	261 (0.8)	263 (0.5)	254 (0.7)	266 (0.8)	266 (0.6)	261 (0.2)	253 (0.5)	265 (0.5)	264 (0.4)
Alabama	255 (1.4)	253 (1.3)	241 (3.1)	259 (2.0)	254 (1.8)	253 (1.5)	246 (3.3)	262 (2.7)	251 (1.7)
Alaska	— (—)	— (—)	— (—)	— (—)	— (—)	256 (1.1)	— (—)	— (—)	— (—)
Arizona	260 (1.1)	257 (1.3)	255 (1.5)	259 (3.3)	258 (2.7)	255 (1.4)	254 (1.8)	257 (2.4)	256 (3.7)
Arkansas	256 (1.3)	260 (1.1)	257 (3.3)	267 (2.8) !	259 (1.2)	258 (1.3)	257 (2.6)	263 (3.7)	257 (1.8)
California ^{2,3,4}	252 (1.6)	250 (1.8)	247 (2.7)	252 (2.3)	256 (7.5)	251 (1.3)	245 (2.2)	254 (1.8)	257 (3.4)
Colorado	264 (1.0)	— (—)	— (—)	— (—)	— (—)	268 (1.2)	264 (2.6)	268 (2.0)	270 (1.7)
Connecticut	270 (1.0)	267 (1.2)	246 (2.1)	273 (1.5)	276 (2.0)	267 (1.1)	250 (1.7)	270 (1.6)	277 (1.7)
Delaware	254 (1.3)	267 (0.5)	264 (1.9)	268 (0.6)	266 (1.0)	265 (0.7)	259 (2.6)	265 (1.0)	266 (1.4)
District of Columbia	236 (2.1)	240 (0.9)	240 (0.9)	‡ (‡)	‡ (‡)	239 (0.8)	239 (0.8)	‡ (‡)	‡ (‡)
Florida	255 (1.4)	261 (1.6)	262 (3.5)	260 (2.1)	264 (2.4)	257 (1.3)	256 (2.7)	257 (1.8)	258 (2.7)
Georgia	257 (1.4)	258 (1.0)	254 (3.1)	259 (2.0)	258 (1.6)	258 (1.1)	242 (2.8)	259 (1.9)	259 (1.7)
Hawaii	249 (1.0)	252 (0.9)	258 (1.3)	246 (1.3)	253 (1.4)	251 (0.9)	260 (1.6)	249 (1.5)	249 (1.1)
Idaho	— (—)	266 (1.1)	270 (3.1)	264 (2.1)	270 (1.0)	264 (0.9)	265 (2.3)	260 (1.9)	265 (1.3)
Illinois	— (—)	— (—)	— (—)	— (—)	— (—)	266 (1.0)	253 (1.8)	273 (1.6)	272 (1.8)
Indiana	— (—)	265 (1.3)	260 (2.5)	265 (1.7)	268 (2.0)	265 (1.0)	256 (2.0)	270 (1.7)	267 (1.6)
Iowa	— (—)	— (—)	— (—)	— (—)	— (—)	268 (0.8)	261 (1.8)	275 (2.6)	268 (1.0)
Kansas ^{2,3,4}	268 (1.4)	269 (1.3)	259 (3.4)	277 (2.6)	271 (1.7)	266 (1.5)	253 (3.2)	273 (2.5)	270 (1.5)
Kentucky	262 (1.4)	265 (1.0)	267 (3.0)	267 (2.1)	264 (1.3)	266 (1.3)	268 (1.1)	264 (3.2)	267 (1.2)
Louisiana	252 (1.4)	256 (1.5)	251 (3.7)	259 (2.1)	258 (1.9)	253 (1.6)	247 (2.7)	258 (3.4)	256 (2.0)
Maine	271 (1.2)	270 (0.9)	267 (3.4)	274 (2.6)	269 (1.1)	268 (1.0)	264 (2.8)	274 (2.4)	268 (1.1)
Maryland ³	261 (1.8)	263 (1.7)	243 (3.0)	265 (2.1)	271 (2.4)	262 (1.4)	244 (3.8)	263 (1.6)	269 (4.0)
Massachusetts	269 (1.4)	271 (1.3)	253 (2.4)	276 (2.1)	281 (2.1)	273 (1.0)	256 (2.2)	279 (1.5)	279 (1.6)
Michigan	— (—)	265 (1.6)	246 (5.7)	270 (1.6)	268 (1.5)	264 (1.8)	253 (4.6)	266 (3.2)	269 (1.7)
Minnesota ^{7G52,3}	265 (1.4)	— (—)	— (—)	— (—)	— (—)	268 (1.1)	257 (5.1)	273 (1.3)	266 (1.3)
Mississippi	251 (1.2)	255 (0.9)	252 (3.3)	262 (2.7)	253 (1.5)	255 (1.4)	249 (5.7)	260 (2.3)	255 (2.3)
Missouri	262 (1.3)	268 (1.0)	259 (3.5)	270 (1.7)	270 (1.3)	267 (1.0)	256 (3.1)	271 (1.7)	268 (1.6)
Montana ^{2,3}	271 (1.3)	270 (1.0)	271 (1.3)	273 (2.1) !	270 (1.3)	270 (1.0)	271 (1.8)	271 (3.1)	269 (1.3)
Nebraska	— (—)	270 (0.9)	265 (1.3)	271 (2.6) !	272 (1.3)	266 (0.9)	264 (1.8)	269 (2.0)	267 (1.2)
Nevada	258 (1.0)	251 (0.8)	251 (1.2)	250 (1.4)	255 (2.4)	252 (0.8)	250 (1.1)	254 (1.4)	255 (3.1)
New Hampshire	— (—)	— (—)	— (—)	— (—)	— (—)	271 (0.9)	261 (3.1)	274 (1.2)	272 (1.3)
New Jersey	— (—)	— (—)	— (—)	— (—)	— (—)	268 (1.2)	250 (4.0)	269 (1.4)	274 (2.5)
New Mexico	258 (1.2)	254 (1.0)	258 (2.2)	255 (1.7)	250 (1.4)	252 (0.9)	253 (1.8)	253 (1.7)	250 (1.6)
New York ^{2,3}	265 (1.5)	264 (1.5)	251 (2.2)	275 (1.9)	271 (3.6)	265 (1.3)	252 (1.8)	277 (2.1)	270 (3.2)
North Carolina	262 (1.1)	265 (1.1)	264 (2.3)	265 (2.3)	265 (1.5)	262 (1.0)	265 (1.8)	262 (2.2)	260 (1.7)
North Dakota ³	— (—)	268 (0.8)	264 (1.8)	264 (2.5) !	271 (1.1)	270 (0.8)	270 (2.0)	266 (2.1)	271 (0.9)
Ohio	— (—)	268 (1.6)	255 (4.6)	273 (1.6)	271 (1.7)	267 (1.3)	250 (1.9)	272 (2.3)	267 (1.8)
Oklahoma	265 (1.2)	262 (0.8)	258 (1.7)	265 (1.9)	262 (1.4)	262 (0.9)	257 (2.4)	267 (1.7)	261 (1.2)
Oregon ³	266 (1.5)	268 (1.3)	268 (2.8)	270 (2.4)	266 (1.8)	264 (1.2)	260 (2.9)	268 (1.9)	263 (1.9)
Pennsylvania	— (—)	265 (1.0)	243 (2.8)	273 (1.2)	269 (1.6)	264 (1.2)	246 (4.0)	270 (1.3)	266 (2.1)
Rhode Island	264 (0.9)	262 (0.8)	249 (1.1)	269 (1.1)	269 (2.0)	261 (0.7)	247 (1.3)	268 (1.2)	269 (1.7)
South Carolina	255 (1.1)	258 (1.1)	257 (2.3)	264 (1.6)	254 (1.7)	258 (1.3)	258 (2.5)	263 (2.0)	254 (1.8)
South Dakota	— (—)	— (—)	— (—)	— (—)	— (—)	270 (0.8)	269 (1.1)	268 (2.6)	270 (1.1)
Tennessee ³	258 (1.2)	260 (1.4)	251 (2.8)	268 (2.2)	262 (1.5)	258 (1.2)	250 (2.3)	265 (1.8)	260 (1.4)
Texas	261 (1.4)	262 (1.4)	256 (2.5)	268 (2.1)	266 (3.0)	259 (1.1)	255 (1.7)	264 (1.8)	258 (2.6)
Utah	263 (1.0)	263 (1.1)	262 (2.2)	264 (1.3)	261 (3.4)	264 (0.8)	263 (2.3)	266 (0.9)	261 (1.9)
Vermont	— (—)	272 (0.9)	— (—)	— (—)	— (—)	271 (0.8)	— (—)	— (—)	— (—)
Virginia	266 (1.1)	269 (1.0)	261 (2.3)	275 (1.5)	267 (1.9)	268 (1.1)	260 (1.4)	274 (1.3)	267 (2.2)
Washington ³	264 (1.2)	268 (1.2)	264 (2.4)	270 (1.9)	268 (2.2)	264 (0.9)	265 (1.7)	267 (0.9)	261 (2.0)
West Virginia	262 (1.0)	264 (1.0)	261 (2.3)	265 (2.2)	264 (1.4)	260 (1.0)	261 (2.7)	260 (2.1)	259 (1.4)
Wisconsin ^{2,3}	265 (1.8)	— (—)	— (—)	— (—)	— (—)	266 (1.3)	255 (3.2)	275 (1.9)	268 (1.5)
Wyoming	263 (1.3)	265 (0.7)	265 (1.6)	261 (4.2)	265 (0.6)	267 (0.5)	264 (1.1)	274 (2.9)	268 (0.8)
Department of Defense dependents schools:									
Domestic schools	268 (4.5)	272 (1.0)	269 (2.3)	273 (2.3)	271 (2.4)	269 (1.4)	265 (3.6)	274 (1.9)	270 (3.3)
Overseas schools	269 1.0	273 (0.6)	— (—)	— (—)	— (—)	273 (0.7)	— (—)	— (—)	— (—)
Outlying areas									
American Samoa	— (—)	198 (1.7)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Guam	— (—)	240 (1.2)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Virgin Islands	231 (2.1)	241 (1.3)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)

— Jurisdiction did not participate.

! Interpret data with caution.

‡ Sample size is insufficient to permit a reliable estimate.

¹ Based on nationally representative sample. Forty-four jurisdictions (state, District of Columbia, territory, and Department of Defense overseas schools) participated in 1998; 50 jurisdictions participated in 2002; and 53 participated in 2003.

² Did not satisfy one or more of the guidelines for school sample participation rates in 1998. Data are subject to appreciable nonresponse bias.

³ Did not satisfy one or more of the guidelines for school sample participation rates in 2002. Data are subject to appreciable nonresponse bias.

⁴ Did not satisfy one or more of the guidelines for school sample participation rates in 2003. Data are subject to appreciable nonresponse bias.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). Excludes persons not enrolled in school and those who were unable to be tested due to limited proficiency in English or due to a disability. Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Assessment of Educational Progress, NAEP 2002 and 2003 Reading Report Cards for the Nation and the States*, prepared by Educational Testing Service. (This table was prepared August 2004.)

Table 116. Average writing scale score of 4th-, 8th-, and 11th-graders, by selected student and school characteristics: Selected years, 1984 to 1996

Selected student and school characteristics	1984	1988	1990	1992	1994	1996
1	2	3	4	5	6	7
4th-graders						
Total	204 (1.5)	206 (1.6)	202 (1.5)	207 (1.5)	205 (1.6)	207 (1.2)
Sex						
Male	201 (2.8)	199 (2.3)	195 (1.9)	198 (1.7)	196 (1.7)	200 (1.8)
Female	208 (3.1)	213 (2.0)	209 (2.2)	216 (1.7)	214 (2.2)	214 (1.9)
Race/ethnicity						
White, non-Hispanic	211 (1.9)	215 (1.9)	211 (2.0)	217 (1.7)	214 (1.5)	216 (1.6)
Black, non-Hispanic	182 (5.0)	173 (4.7)	171 (5.4)	175 (3.8)	173 (3.2)	182 (2.3)
Hispanic	189 (5.8)	190 (3.5)	184 (4.1)	189 (3.6)	189 (3.1)	191 (3.2)
Parents' highest level of education						
Not high school graduate	179 (4.6)	194 (5.4)	186 (3.9)	191 (3.2)	188 (7.8)	190 (5.5)
Graduated high school	192 (3.4)	199 (3.0)	197 (3.0)	202 (3.2)	202 (2.3)	203 (2.3)
Post high school	208 (6.5)	211 (6.3)	214 (4.0)	201 (4.5)	212 (4.0)	205 (5.2)
Graduated college	218 (3.0)	212 (2.2)	209 (1.6)	214 (1.4)	212 (2.1)	214 (1.7)
Control of school						
Public	202 (1.8)	204 (2.0)	200 (1.4)	205 (1.6)	204 (1.8)	206 (1.5)
Private	215 (4.6)	216 (4.1)	216 (5.7)	222 (3.3)	213 (4.3)	218 (3.2)
Region						
Northeast	212 (4.0)	204 (4.9)	211 (3.6)	216 (4.0)	210 (4.0)	213 (2.8)
Southeast	204 (3.3)	200 (2.3)	192 (4.0)	193 (2.4)	198 (3.4)	200 (3.4)
Central	201 (2.6)	212 (3.0)	203 (3.1)	214 (3.1)	209 (3.3)	212 (3.1)
West	201 (4.9)	207 (3.4)	201 (2.7)	206 (2.2)	203 (2.7)	205 (2.5)
8th-graders						
Total	267 (2.0)	264 (1.3)	257 (1.2)	274 (1.3)	265 (1.3)	264 (1.0)
Sex						
Male	258 (2.3)	254 (1.5)	246 (1.5)	264 (1.9)	254 (1.8)	251 (1.1)
Female	276 (2.4)	274 (1.7)	268 (1.3)	285 (1.3)	278 (1.4)	276 (1.2)
Race/ethnicity						
White, non-Hispanic	272 (2.1)	269 (1.3)	262 (1.6)	279 (1.3)	272 (1.4)	271 (1.0)
Black, non-Hispanic	247 (5.7)	246 (3.5)	239 (2.3)	258 (4.0)	245 (3.4)	242 (2.6)
Hispanic	247 (6.4)	250 (2.5)	246 (2.8)	265 (2.2)	252 (3.3)	246 (2.3)
Parents' highest level of education						
Not high school graduate	258 (4.8)	254 (3.9)	246 (3.7)	258 (5.3)	250 (4.1)	245 (4.5)
Graduated high school	261 (1.6)	258 (2.1)	253 (1.4)	268 (1.6)	259 (2.2)	258 (1.9)
Post high school	271 (3.9)	275 (3.3)	267 (3.0)	280 (2.2)	270 (3.1)	270 (2.4)
Graduated college	278 (1.8)	271 (1.8)	265 (1.8)	284 (1.9)	275 (1.3)	274 (1.3)
Control of school						
Public	264 (2.0)	262 (1.5)	254 (1.2)	272 (1.3)	264 (1.6)	263 (1.2)
Private	282 (5.5)	276 (3.0)	277 (4.4)	288 (3.2)	279 (3.8)	272 (3.3)
Region						
Northeast	273 (3.6)	265 (2.7)	261 (3.3)	285 (3.3)	277 (2.2)	264 (2.4)
Southeast	267 (3.6)	268 (2.3)	252 (2.8)	266 (2.2)	259 (2.1)	260 (3.5)
Central	264 (2.3)	258 (2.2)	259 (3.9)	277 (2.0)	270 (4.1)	268 (2.3)
West	264 (3.0)	264 (2.1)	255 (2.6)	271 (2.3)	259 (1.6)	263 (1.3)
11th-graders						
Total	290 (1.6)	291 (1.3)	287 (1.0)	287 (1.4)	285 (1.2)	283 (1.2)
Sex						
Male	281 (1.4)	282 (2.0)	276 (1.6)	279 (1.2)	276 (1.5)	275 (1.4)
Female	299 (2.5)	299 (1.2)	298 (1.5)	296 (2.0)	293 (1.5)	292 (1.4)
Race/ethnicity						
White, non-Hispanic	297 (1.8)	296 (1.3)	293 (1.2)	294 (1.2)	291 (1.4)	289 (1.5)
Black, non-Hispanic	270 (3.6)	275 (2.9)	268 (2.3)	263 (3.2)	267 (2.2)	267 (3.0)
Hispanic	259 (6.6)	274 (4.4)	277 (2.6)	274 (3.8)	271 (4.0)	269 (2.5)
Parents' highest level of education						
Not high school graduate	274 (5.2)	276 (3.5)	268 (4.0)	271 (3.7)	269 (4.7)	260 (3.0)
Graduated high school	284 (3.0)	285 (2.2)	278 (1.9)	278 (2.2)	279 (1.7)	275 (1.6)
Post high school	298 (2.5)	296 (2.6)	292 (2.7)	292 (2.0)	286 (1.7)	287 (2.1)
Graduated college	300 (2.4)	299 (2.0)	298 (2.0)	296 (1.4)	293 (1.5)	291 (1.9)
Control of school						
Public	288 (1.6)	290 (1.2)	286 (1.1)	287 (1.6)	284 (1.4)	283 (1.4)
Private	305 (3.7)	300 (3.6)	306 (5.2)	295 (4.4)	291 (3.8)	287 (6.6)
Region						
Northeast	291 (3.0)	295 (2.8)	295 (2.5)	290 (2.3)	291 (2.4)	290 (2.2)
Southeast	287 (4.9)	289 (2.2)	280 (2.3)	278 (3.3)	277 (2.5)	273 (2.2)
Central	291 (2.7)	292 (4.0)	289 (2.7)	291 (2.2)	284 (2.3)	285 (2.5)
West	289 (3.7)	289 (2.3)	285 (2.1)	289 (2.1)	287 (2.7)	284 (2.2)

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). Includes public and private schools. Excludes persons not enrolled in school and those who were unable to be tested due to limited proficiency in English or due to disability. The writing scale score ranges from 0 to 500 and is defined as the average of a respondent's estimated scores on specific writing tasks. The average response

method is used to estimate average writing achievement for each participant as if each had performed all 11 writing tasks. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, by Educational Testing Service. (This table was prepared September 1997.)

Table 117. Percent of students at or above selected writing proficiency levels, by grade level and selected characteristics of students: 2002

Selected characteristic of students	Percentage of 4th-graders				Percentage of 8th-graders				Percentage of 12th-graders			
	Below basic	At or above basic	At or above proficient	At advanced	Below basic	At or above basic	At or above proficient	At advanced	Below basic	At or above basic	At or above proficient	At advanced
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	14 (0.4)	86 (0.4)	28 (0.4)	2 (0.1)	15 (0.4)	85 (0.4)	31 (0.6)	2 (0.1)	26 (0.7)	74 (0.7)	24 (0.8)	2 (0.2)
Sex												
Male	19 (0.5)	81 (0.5)	20 (0.5)	1 (0.1)	21 (0.6)	79 (0.6)	21 (0.6)	1 (0.1)	37 (1.0)	63 (1.0)	14 (0.8)	1 (0.1)
Female	9 (0.3)	91 (0.3)	36 (0.6)	3 (0.2)	9 (0.3)	91 (0.3)	42 (0.8)	3 (0.2)	15 (0.7)	85 (0.7)	33 (1.0)	3 (0.3)
Race/ethnicity												
White, non-Hispanic	9 (0.2)	91 (0.2)	35 (0.4)	3 (0.2)	9 (0.4)	91 (0.4)	39 (0.6)	3 (0.2)	20 (0.7)	80 (0.7)	28 (0.9)	2 (0.3)
Black, non-Hispanic	21 (0.6)	79 (0.6)	15 (0.7)	1 (0.2)	25 (1.0)	75 (1.0)	13 (0.6)	# (0.1)	41 (1.8)	59 (1.8)	9 (1.0)	# (#)
Hispanic	22 (1.1)	78 (1.1)	18 (0.7)	1 (0.2)	27 (0.8)	73 (0.8)	17 (0.9)	1 (0.2)	38 (1.5)	62 (1.5)	13 (1.2)	# (0.2)
Asian/Pacific Islander	7 (0.8)	93 (0.8)	42 (2.0)	4 (0.7)	10 (1.0)	90 (1.0)	42 (2.3)	3 (0.6)	24 (2.5)	76 (2.5)	26 (3.2)	3 (1.0)
American Indian/ Alaska Native	20 (1.2)	80 (1.2)	16 (1.0)	1 (0.3)	23 (2.5)	77 (2.5)	18 (2.9)	1 (#)	— (—)	— (—)	— (—)	— (—)
Parents' highest level of education												
Not high school graduate	— (—)	— (—)	— (—)	— (—)	26 (1.3)	74 (1.3)	14 (1.0)	# (#)	43 (2.1)	57 (2.1)	8 (1.4)	# (#)
Graduated high school	— (—)	— (—)	— (—)	— (—)	19 (0.7)	81 (0.7)	20 (0.6)	1 (0.2)	32 (1.2)	68 (1.2)	14 (1.1)	1 (0.2)
Some college	— (—)	— (—)	— (—)	— (—)	11 (0.6)	89 (0.6)	31 (0.8)	1 (0.2)	23 (1.0)	77 (1.0)	22 (1.3)	1 (0.2)
Graduated college	— (—)	— (—)	— (—)	— (—)	9 (0.4)	91 (0.4)	43 (0.8)	4 (0.2)	18 (0.9)	82 (0.9)	32 (1.0)	3 (0.4)
Free/reduced price lunch eligibility												
Eligible	22 (0.8)	78 (0.8)	15 (0.5)	1 (0.1)	26 (0.6)	74 (0.6)	16 (0.6)	1 (0.1)	40 (1.5)	60 (1.5)	11 (1.0)	1 (0.2)
Not eligible	8 (0.3)	92 (0.3)	36 (0.6)	3 (0.2)	9 (0.4)	91 (0.4)	39 (0.8)	3 (0.2)	23 (0.8)	77 (0.8)	26 (1.0)	2 (0.3)
Information not available												
available	10 (1.1)	90 (1.1)	34 (1.6)	3 (0.3)	11 (0.7)	89 (0.7)	39 (1.7)	4 (0.6)	19 (1.3)	81 (1.3)	29 (1.6)	2 (0.4)

Rounds to zero.
— Not available.

NOTE: Includes public and private schools. Excludes persons unable to be tested due to limited proficiency in English or due to a disability (and the accommodations provided were not sufficient to enable the test to properly reflect the students' writing proficiency). Beginning in 2002, the NAEP national sample was obtained by aggregating the samples from each state, rather than by obtaining an independently selected national sample. As a consequence, the size of the national sample increased, and smaller differences be-

tween years or between types of students were found to be statistically significant than would have been detected in previous assessments. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), Main NAEP, *National Writing Results*, previously unpublished tabulations from the *NAEP Data Tool* (<http://nces.ed.gov/nationsreportcard/naepdata>). (This table was prepared August 2003.)

Table 118. Percent of students at or above selected U.S. history proficiency levels, by grade level and selected characteristics of students: 2001

Selected characteristic of students 1	Percentage of 4th-graders				Percentage of 8th-graders				Percentage of 12th-graders			
	Below basic 2	At or above basic 3	At or above proficient 4	At advanced 5	Below basic 6	At or above basic 7	At or above proficient 8	At advanced 9	Below basic 10	At or above basic 11	At or above proficient 12	At advanced 13
All students	33 (1.1)	67 (1.1)	18 (1.0)	2 (0.5)	36 (0.9)	64 (0.9)	17 (0.8)	2 (0.3)	57 (1.2)	43 (1.2)	11 (0.9)	1 (0.4)
Sex												
Male	34 (1.3)	66 (1.3)	19 (1.2)	2 (0.7)	35 (1.1)	65 (1.1)	18 (1.0)	2 (0.3)	55 (1.6)	45 (1.6)	12 (1.1)	1 (0.5)
Female	32 (1.4)	68 (1.4)	17 (1.1)	2 (0.4)	37 (1.2)	63 (1.2)	15 (0.8)	1 (0.4)	59 (1.3)	41 (1.3)	10 (0.9)	1 (0.3)
Race/ethnicity												
White, non-Hispanic	21 (1.3)	79 (1.3)	24 (1.4)	3 (0.7)	25 (1.0)	75 (1.0)	21 (1.1)	2 (0.4)	51 (1.4)	49 (1.4)	13 (1.0)	1 (0.4)
Black, non-Hispanic	56 (2.1)	44 (2.1)	6 (1.0)	# (0.3)	62 (2.4)	38 (2.4)	4 (0.8)	# (—)	80 (1.5)	20 (1.5)	3 (0.6)	# (—)
Hispanic	58 (3.0)	42 (3.0)	7 (1.1)	1 (0.3)	60 (1.7)	40 (1.7)	5 (0.7)	# (0.2)	74 (2.4)	26 (2.4)	5 (1.1)	# (—)
Asian/Pacific Islander	29 (3.8)	71 (3.8)	19 (3.2)	3 (1.9)	32 (3.8)	68 (3.8)	20 (3.6)	2 (0.8)	47 (5.1)	53 (5.1)	21 (6.0)	5 (2.3)
American Indian/ Alaska Native	47 (6.4)	53 (6.4)	12 (4.6)	4 (—)	50 (7.1)	50 (7.1)	8 (3.5)	1 (—)	66 (7.2)	34 (—)	1 (—)	# (—)
Region												
Northeast	27 (3.1)	73 (3.1)	23 (2.9)	3 (1.1)	28 (2.2)	72 (2.2)	22 (2.1)	2 (0.8)	55 (3.8)	45 (3.8)	13 (3.2)	2 (—)
Southeast	34 (2.7)	66 (2.7)	16 (2.2)	2 (1.2)	38 (2.3)	62 (2.3)	16 (1.3)	2 (0.4)	61 (2.3)	39 (2.3)	10 (1.3)	1 (0.3)
Central	25 (2.3)	75 (2.3)	24 (2.4)	3 (1.1)	29 (2.2)	71 (2.2)	19 (1.5)	2 (0.5)	54 (2.2)	46 (2.2)	11 (1.3)	1 (0.4)
West	41 (2.5)	59 (2.5)	13 (1.2)	1 (0.4)	45 (1.7)	55 (1.7)	12 (1.3)	1 (0.2)	58 (2.2)	42 (2.2)	11 (1.5)	1 (0.4)
Parents' highest level of education												
Not high school graduate	— (—)	— (—)	— (—)	— (—)	59 (3.3)	41 (3.3)	3 (1.8)	# (—)	80 (2.1)	20 (2.1)	2 (0.7)	# (—)
Graduated high school	— (—)	— (—)	— (—)	— (—)	48 (1.7)	52 (1.7)	7 (1.0)	# (—)	74 (1.3)	26 (1.3)	4 (0.8)	# (0.1)
Some college	— (—)	— (—)	— (—)	— (—)	30 (1.3)	70 (1.3)	14 (1.3)	1 (0.3)	61 (1.3)	39 (1.3)	8 (0.7)	1 (0.2)
Graduated college	— (—)	— (—)	— (—)	— (—)	22 (1.0)	78 (1.0)	27 (1.1)	3 (0.5)	42 (1.5)	58 (1.5)	18 (1.5)	2 (0.8)
Free/reduced price lunch eligibility												
Eligible	53 (1.7)	47 (1.7)	6 (0.8)	1 (0.2)	59 (1.4)	41 (1.4)	6 (0.7)	# (0.2)	77 (1.8)	23 (1.8)	3 (0.7)	# (—)
Not eligible	21 (1.7)	79 (1.7)	25 (1.6)	3 (0.8)	27 (1.2)	73 (1.2)	20 (1.2)	2 (0.3)	55 (1.5)	45 (1.5)	11 (1.1)	1 (0.6)
Not available	25 (2.8)	75 (2.8)	24 (2.9)	3 (1.1)	30 (2.4)	70 (2.4)	22 (2.1)	3 (0.6)	47 (2.9)	53 (2.9)	17 (2.3)	2 (0.6)

—Not available
Rounds to zero.

NOTE: Includes public and private schools. Excludes persons unable to be tested due to limited proficiency in English or due to a disability (and the accommodations provided were not sufficient to enable the test to properly reflect the students' writing proficiency). Beginning in 2002, the NAEP national sample was obtained by aggregating the samples from each state, rather than by obtaining an independently selected national sample. As

a consequence, the size of the national sample increased, and smaller differences between years or between types of students were found to be statistically significant than would have been detected in previous assessments. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), *The Nation's Report Card: U.S. History 2001*. (This table was prepared May 2002.)

Table 119. Average student scale score in geography and U.S. history, by grade level and selected characteristics of students: 2001

Selected characteristic of students	Percentage distribution of 12th-graders in geography	Geography scores			Percentage distribution of 12th-graders in U.S. history	U.S. History scores		
		4th-graders	8th-graders	12th-graders		4th-graders	8th-graders	12th-graders
1	2	3	4	5	6	7	8	9
All students	100 (0.0)	209 (1.0)	262 (0.9)	285 (0.8)	100 (0.0)	209 (1.0)	262 (0.8)	287 (1.0)
Sex								
Male	48 (0.8)	212 (1.1)	264 (1.0)	287 (0.9)	49 (0.6)	209 (1.1)	264 (0.9)	288 (1.3)
Female	52 (0.8)	207 (1.2)	260 (1.1)	282 (0.8)	51 (0.6)	209 (1.2)	261 (0.9)	286 (0.9)
Race/ethnicity								
White, non-Hispanic	70 (0.3)	222 (1.0)	273 (1.0)	291 (0.9)	70 (0.4)	220 (1.1)	271 (0.8)	292 (1.0)
Black, non-Hispanic	13 (0.3)	181 (1.8)	234 (1.7)	260 (1.4)	13 (0.2)	188 (1.8)	243 (1.8)	269 (1.5)
Hispanic	12 (0.2)	184 (2.8)	240 (1.7)	270 (1.5)	12 (0.2)	186 (2.5)	243 (1.5)	274 (1.7)
Asian/Pacific Islander	5 (0.2)	212 (2.7)	266 (2.5)	286 (2.9)	5 (0.2)	213 (2.7)	267 (3.4)	295 (4.6)
American Indian/ Alaska Native	1 (0.2)	199 (3.6)	261 (5.8)	288 (—)	1 (0.2)	197 (6.9)	249 (4.5)	277 (—)
Region								
Northeast	20 (0.9)	214 (2.8)	266 (2.4)	286 (2.8)	21 (0.9)	215 (2.5)	269 (1.9)	289 (3.4)
Southeast	21 (1.2)	207 (2.1)	260 (2.0)	281 (1.0)	22 (1.2)	208 (2.6)	261 (2.0)	284 (1.7)
Central	27 (0.6)	219 (1.8)	270 (2.5)	287 (1.3)	26 (0.6)	217 (2.0)	267 (1.7)	289 (1.4)
West	31 (1.4)	200 (2.5)	255 (1.5)	283 (1.3)	31 (1.5)	200 (2.3)	255 (1.3)	286 (1.6)
Parents' highest level of education								
Not high school graduate	7 (0.4)	— (—)	241 (1.7)	269 (1.7)	7 (0.4)	— (—)	243 (2.3)	269 (1.5)
Graduated high school	19 (0.7)	— (—)	253 (1.2)	276 (0.9)	19 (0.6)	— (—)	253 (1.1)	274 (1.0)
Some college	25 (0.7)	— (—)	266 (1.0)	284 (0.9)	25 (0.7)	— (—)	265 (1.0)	286 (0.8)
Graduated college	46 (1.1)	— (—)	274 (0.9)	293 (1.1)	46 (1.2)	— (—)	275 (0.8)	298 (1.3)
Free/reduced price lunch eligibility								
Eligible	16 (1.0)	186 (1.7)	242 (1.4)	269 (1.6)	16 (0.9)	189 (1.6)	245 (1.2)	271 (1.3)
Not eligible	64 (2.2)	221 (1.2)	270 (1.1)	287 (1.0)	64 (2.2)	220 (1.4)	269 (0.9)	289 (1.2)
Not available	21 (2.4)	218 (2.5)	266 (1.8)	289 (1.5)	21 (2.5)	217 (2.8)	268 (2.0)	295 (2.0)

—Not available.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). The scores range from 0 to 500 in each test, but the distribution varies by subject. Therefore, direct score comparisons among the subjects should be avoided. Includes public and private schools. Excludes students unable to be tested due to a limited proficiency in English or due to a disability (and the accommodations provided were

not sufficient to enable the test to properly reflect the students' proficiency in history). Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress NAEP, *The Nation's Report Card: U.S. History 2001* and *The Nation's Report Card: Geography 2001*, prepared by Educational Testing Service. (This table was prepared July 2002.)

Table 120. Percent of students at or above selected geography proficiency levels, by grade level and selected characteristics of students: 2001

Selected characteristic of students	Percentage of 4th-graders				Percentage of 8th-graders				Percentage of 12th-graders			
	Below basic	At or above basic	At or above proficient	At advanced	Below basic	At or above basic	At or above proficient	At advanced	Below basic	At or above basic	At or above proficient	At advanced
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	26 (1.2)	74 (1.2)	21 (1.0)	2 (0.3)	26 (0.9)	74 (0.9)	30 (1.2)	4 (0.6)	29 (0.9)	71 (0.9)	25 (1.1)	1 (0.3)
Sex												
Male	25 (1.3)	75 (1.3)	24 (1.4)	3 (0.5)	25 (1.0)	75 (1.0)	33 (1.5)	5 (0.7)	27 (1.1)	73 (1.1)	28 (1.5)	2 (0.4)
Female	28 (1.6)	72 (1.6)	18 (1.1)	1 (0.4)	27 (1.2)	73 (1.2)	26 (1.4)	3 (0.6)	30 (1.0)	70 (1.0)	21 (1.0)	1 (0.3)
Race/ethnicity												
White, non-Hispanic	13 (1.3)	87 (1.3)	29 (1.5)	3 (0.5)	14 (0.9)	86 (0.9)	39 (1.7)	5 (0.8)	19 (0.9)	81 (0.9)	31 (1.4)	2 (0.4)
Black, non-Hispanic	56 (2.1)	44 (2.1)	5 (0.9)	# (#)	60 (2.3)	40 (2.3)	6 (0.8)	# (#)	65 (2.3)	35 (2.3)	4 (0.7)	# (#)
Hispanic	51 (3.0)	49 (3.0)	6 (1.0)	# (#)	52 (1.9)	48 (1.9)	10 (1.0)	1 (0.2)	48 (2.6)	52 (2.6)	10 (1.4)	# (0.1)
Asian/Pacific Islander	23 (3.4)	77 (3.4)	25 (3.0)	1 (0.9)	21 (3.4)	79 (3.4)	32 (3.2)	4 (1.8)	28 (4.3)	72 (4.3)	26 (4.7)	1 (0.7)
Region												
Northeast	22 (3.7)	78 (3.7)	24 (2.2)	3 (0.9)	22 (2.5)	78 (2.5)	34 (3.3)	4 (1.3)	29 (2.3)	71 (2.3)	26 (4.1)	2 (1.1)
Southeast	28 (2.5)	72 (2.5)	18 (1.9)	1 (0.6)	27 (2.4)	73 (2.4)	26 (1.6)	3 (0.6)	33 (1.6)	67 (1.6)	21 (1.3)	1 (0.3)
Central	18 (1.7)	82 (1.7)	30 (2.5)	3 (0.7)	18 (2.3)	82 (2.3)	38 (3.7)	6 (1.3)	24 (1.8)	76 (1.8)	28 (1.9)	1 (0.5)
West	34 (2.7)	66 (2.7)	14 (1.7)	1 (0.3)	34 (1.7)	66 (1.7)	23 (1.7)	2 (0.6)	30 (1.9)	70 (1.9)	23 (1.8)	1 (0.4)
Free/reduced price lunch eligibility												
Eligible	49 (2.2)	51 (2.2)	6 (0.9)	# (#)	50 (1.8)	50 (1.8)	11 (1.2)	1 (0.3)	49 (2.3)	51 (2.3)	11 (1.6)	# (#)
Not eligible	14 (1.1)	86 (1.1)	29 (1.5)	3 (0.6)	17 (0.9)	83 (0.9)	37 (1.7)	5 (0.8)	25 (1.2)	75 (1.2)	26 (1.6)	1 (0.4)
Not available	16 (2.5)	84 (2.5)	27 (3.2)	3 (0.8)	21 (2.1)	79 (2.1)	33 (2.5)	4 (0.9)	24 (2.0)	76 (2.0)	31 (2.1)	2 (0.4)

—Not available.

Rounds to zero.

NOTE: Includes public and private schools. Excludes students unable to be tested due to limited proficiency in English or due to a disability (and the accommodations provided were not sufficient to enable the test to properly reflect the students' proficiency in geog-

raphy). Totals include other racial/ethnic groups not shown separately. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), *The Nation's Report Card: Geography 2001*. (This table was prepared July 2002.)

Table 121. Average mathematics scale score, by age and by selected student and school characteristics: Selected years, 1973 to 1999

Selected student and school characteristics	1973	1978	1982	1986	1990	1992	1994	1996	1999
1	2	3	4	5	6	7	8	9	10
9-year-olds									
Total	219.0 (0.8)	218.6 (0.8)	219.0 (1.1)	221.7 (1.0)	229.6 (0.8)	229.6 (0.8)	231.1 (0.8)	231.0 (0.8)	232.0 (0.8)
Sex									
Male	218.0 (0.7)	217.4 (0.7)	217.1 (1.2)	221.7 (1.1)	229.1 (0.9)	230.8 (1.0)	232.2 (1.0)	232.9 (1.2)	232.9 (1.0)
Female	220.0 (1.1)	219.9 (1.0)	220.8 (1.2)	221.7 (1.2)	230.2 (1.1)	228.4 (1.0)	230.0 (0.9)	229.0 (0.7)	231.2 (0.9)
Race/ethnicity									
White, non-Hispanic	225.0 (1.0)	224.1 (0.9)	224.0 (1.1)	226.9 (1.1)	235.2 (0.8)	235.1 (0.8)	236.8 (1.0)	236.9 (1.0)	238.8 (0.9)
Black, non-Hispanic	190.0 (1.8)	192.4 (1.1)	194.9 (1.6)	201.6 (1.6)	208.4 (2.2)	208.0 (2.0)	212.1 (1.6)	211.6 (1.4)	210.9 (1.6)
Hispanic	202.0 (2.4)	202.9 (2.2)	204.0 (1.3)	205.4 (2.1)	213.8 (2.1)	211.9 (2.3)	209.9 (2.3)	214.7 (1.7)	212.9 (1.9)
Control of school									
Public	— (—)	217.2 (0.8)	217.0 (1.1)	220.1 (1.2)	228.6 (0.9)	227.7 (0.9)	229.3 (0.9)	229.7 (0.8)	230.6 (0.9)
Private	— (—)	230.5 (1.7)	231.8 (2.1)	230.0 (2.5)	238.1 (2.3)	241.5 (1.7)	244.5 (2.3)	239.1 (2.1)	242.0 (1.9)
Region									
Northeast	227.0 (1.9)	226.9 (1.9)	225.7 (1.8)	226.0 (2.7)	235.8 (2.1)	234.8 (1.9)	237.6 (2.2)	236.4 (2.0)	241.5 (1.7)
Southeast	208.0 (1.3)	208.9 (1.2)	210.4 (2.5)	217.8 (2.5)	223.9 (2.4)	221.0 (1.7)	229.0 (1.4)	226.9 (2.0)	226.5 (2.6)
Central	224.0 (1.5)	224.0 (1.5)	221.1 (2.7)	226.0 (2.3)	230.7 (1.3)	233.7 (1.6)	233.1 (1.8)	233.0 (2.3)	233.0 (1.4)
West	216.0 (2.2)	213.5 (1.3)	219.3 (1.8)	217.2 (2.4)	228.5 (1.8)	229.0 (2.3)	226.0 (1.6)	228.6 (1.3)	228.1 (1.7)
13-year-olds									
Total	266.0 (1.1)	264.1 (1.1)	268.6 (1.1)	269.0 (1.2)	270.4 (0.9)	273.1 (0.9)	274.3 (1.0)	274.3 (0.8)	275.8 (0.8)
Sex									
Male	265.0 (1.3)	263.6 (1.3)	269.2 (1.4)	270.0 (1.1)	271.2 (1.2)	274.1 (1.1)	276.0 (1.3)	276.3 (0.9)	277.2 (0.9)
Female	267.0 (1.1)	264.7 (1.1)	268.0 (1.1)	267.9 (1.5)	269.6 (0.9)	272.0 (1.0)	272.7 (1.0)	272.4 (1.0)	274.5 (1.1)
Race/ethnicity									
White, non-Hispanic	274.0 (0.9)	271.6 (0.8)	274.4 (1.0)	273.6 (1.3)	276.3 (1.1)	278.9 (0.9)	280.8 (0.9)	281.2 (0.9)	283.1 (0.8)
Black, non-Hispanic	228.0 (1.9)	229.6 (1.9)	240.4 (1.6)	249.2 (2.3)	249.1 (2.3)	250.2 (1.9)	251.5 (3.5)	252.1 (1.3)	251.0 (2.6)
Hispanic	239.0 (2.2)	238.0 (2.0)	252.4 (1.7)	254.3 (2.9)	254.6 (1.8)	259.3 (1.8)	256.0 (1.9)	255.7 (1.6)	259.2 (1.7)
Parents' highest level of education									
Not high school graduate	— (—)	244.7 (1.2)	251.0 (1.4)	252.3 (2.3)	253.4 (1.8)	255.5 (1.0)	254.5 (2.1)	253.7 (2.4)	256.2 (2.8)
Graduated high school	— (—)	263.1 (1.0)	262.9 (0.8)	262.7 (1.2)	262.6 (1.2)	263.2 (1.2)	265.7 (1.1)	266.8 (1.1)	264.0 (1.1)
Some education after high school	— (—)	273.1 (1.2)	275.1 (0.9)	273.7 (0.8)	277.1 (1.0)	277.6 (1.0)	277.3 (1.6)	277.5 (1.4)	279.4 (0.9)
Graduated college	— (—)	283.8 (1.2)	282.3 (1.5)	279.9 (1.4)	280.4 (1.0)	282.8 (1.0)	284.9 (1.2)	282.9 (1.2)	285.8 (1.0)
Control of school									
Public	— (—)	262.6 (1.2)	267.1 (1.3)	268.7 (1.2)	269.3 (1.0)	271.7 (1.0)	273.0 (1.1)	272.9 (0.9)	274.2 (1.2)
Private	— (—)	279.2 (1.4)	281.1 (2.1)	275.7 (4.9)	279.9 (1.7)	283.3 (2.5)	284.6 (2.4)	285.5 (3.6)	288.5 (2.6)
Region									
Northeast	275.0 (2.4)	272.7 (2.4)	276.9 (2.0)	276.6 (2.2)	274.7 (2.3)	273.6 (2.2)	284.2 (1.5)	275.1 (2.1)	278.7 (2.7)
Southeast	255.0 (3.2)	252.7 (3.3)	258.1 (2.2)	263.5 (1.4)	265.7 (1.9)	271.0 (2.5)	268.6 (2.0)	270.0 (1.8)	270.2 (2.3)
Central	271.0 (1.8)	269.4 (1.8)	272.8 (2.1)	266.1 (4.5)	272.2 (2.4)	275.4 (1.5)	275.0 (3.4)	280.4 (1.3)	277.8 (1.8)
West	262.0 (1.9)	260.0 (1.9)	266.0 (2.4)	270.4 (2.1)	269.1 (1.6)	272.3 (1.4)	271.5 (1.7)	272.6 (1.9)	276.1 (1.4)
17-year-olds									
Total	304.0 (1.1)	300.4 (1.0)	298.5 (0.9)	302.0 (0.9)	304.6 (0.9)	306.7 (0.9)	306.2 (1.0)	307.2 (1.2)	308.2 (1.0)
Sex									
Male	309.0 (1.2)	303.8 (1.0)	301.5 (1.0)	304.7 (1.2)	306.3 (1.1)	308.9 (1.1)	308.5 (1.4)	309.5 (1.3)	309.8 (1.4)
Female	301.0 (1.1)	297.1 (1.0)	295.6 (1.0)	299.4 (1.0)	302.9 (1.1)	304.5 (1.1)	304.1 (1.1)	304.9 (1.4)	306.8 (1.0)
Race/ethnicity									
White, non-Hispanic	310.0 (1.1)	305.9 (0.9)	303.7 (0.9)	307.5 (1.0)	309.5 (1.0)	311.9 (0.8)	312.3 (1.1)	313.4 (1.4)	314.8 (1.1)
Black, non-Hispanic	270.0 (1.3)	268.4 (1.3)	271.8 (1.2)	278.6 (2.1)	288.5 (2.8)	285.8 (2.2)	285.5 (1.8)	286.4 (1.7)	283.3 (1.5)
Hispanic	277.0 (2.2)	276.3 (2.3)	276.7 (1.8)	283.1 (2.9)	283.5 (2.9)	292.2 (2.6)	290.8 (3.7)	292.0 (2.1)	292.7 (2.5)
Parents' highest level of education									
Not high school graduate	— (—)	279.6 (1.2)	279.3 (1.0)	279.3 (2.3)	285.4 (2.2)	285.5 (2.3)	283.7 (2.4)	280.5 (2.4)	289.2 (1.8)
Graduated high school	— (—)	293.9 (0.8)	293.4 (0.8)	293.1 (1.0)	293.7 (0.9)	297.6 (1.7)	295.3 (1.1)	297.3 (2.4)	299.1 (1.6)
Some education after high school	— (—)	305.3 (0.9)	303.9 (0.9)	305.2 (1.2)	307.7 (1.0)	307.5 (1.1)	305.0 (1.3)	306.7 (1.5)	307.6 (1.6)
Graduated college	— (—)	316.8 (1.0)	312.4 (1.0)	313.9 (1.4)	316.2 (1.3)	315.9 (1.0)	317.6 (1.4)	316.6 (1.3)	316.5 (1.2)
Control of school									
Public	— (—)	299.6 (1.0)	297.3 (0.9)	301.2 (1.0)	303.5 (0.8)	305.3 (0.9)	304.4 (0.9)	306.4 (1.1)	306.7 (1.0)
Private	— (—)	314.3 (3.2)	311.4 (1.7)	320.1 (9.8)	317.7 (6.6)	320.4 (3.0)	319.4 (4.0)	315.5 (4.5)	320.6 (4.1)
Region									
Northeast	312.0 (1.8)	306.7 (1.8)	304.0 (2.0)	307.4 (1.9)	303.8 (2.1)	311.4 (2.0)	312.7 (2.9)	308.7 (3.0)	312.9 (2.4)
Southeast	296.0 (1.8)	292.3 (1.7)	292.3 (2.1)	297.3 (1.4)	301.0 (2.3)	301.3 (1.9)	300.9 (1.6)	302.7 (2.1)	299.5 (1.4)
Central	306.0 (1.8)	305.2 (1.9)	302.0 (1.4)	303.6 (1.9)	311.2 (2.1)	312.2 (2.0)	307.0 (2.2)	314.0 (2.0)	309.6 (2.0)
West	303.0 (2.0)	295.5 (1.8)	294.1 (1.9)	299.3 (2.7)	302.1 (1.5)	303.1 (1.5)	304.8 (2.4)	303.8 (2.3)	310.4 (2.0)

—Not available.

NOTE: Excludes persons not enrolled in school and those who were unable to be tested due to limited proficiency in English or due to a disability. These test scores are from the National Assessment of Educational Progress (NAEP). A score of 150 implies the knowledge of some basic addition and subtraction facts, and most can add 2-digit numbers without regrouping. They recognize simple situations in which addition and subtraction apply. A score of 200 implies considerable understanding of 2-digit numbers and know some basic multiplication and division facts. A score of 250 implies an initial understanding of the four basic operations. They can also compare information from graphs and charts, and are developing an ability to analyze simple logical relations. A score of 300 implies an ability to compute decimals, simple fractions and percents. They can

identify geometric figures, measure lengths and angles, and calculate areas of rectangles. They are developing the skills to operate with signed numbers, exponents, and square roots. A score of 350 implies an ability to apply a range of reasoning skills to solve multistep problems. They can solve routine problems involving fractions and percents, recognize properties of basic geometric figures, and work with exponents and square roots. Scale ranges from 0 to 500. Totals include other racial/ethnic groups not shown separately. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared November 2001.)

Table 123. Mathematics performance of 17-year-olds, by highest mathematics course taken, sex, and race/ethnicity: Selected years, 1978 to 1999

Year, sex, and race/ethnicity	Percent of students	Average scale score by highest mathematics course taken						Percent of students at or above score levels			
		All areas	Prealgebra or general mathematics	Algebra I	Geometry	Algebra II	Precalculus or calculus	200 ¹	250 ²	300 ³	350 ⁴
1	2	3	4	5	6	7	8	9	10	11	12
1978											
Total	100.0 (0.0)	300.4 (1.0)	267 (0.8)	286 (0.7)	307 (0.7)	321 (0.7)	334 (1.4)	99.8 (0.1)	92.0 (0.5)	51.5 (1.1)	7.3 (0.4)
Male	48.7 (0.5)	303.8 (1.0)	269 (1.0)	289 (0.9)	310 (1.0)	325 (0.8)	337 (2.0)	99.9 (0.1)	93.0 (0.5)	55.1 (1.2)	9.5 (0.6)
Female	51.3 (0.5)	297.1 (1.0)	265 (0.9)	284 (1.0)	304 (0.8)	318 (0.9)	329 (1.8)	99.7 (0.1)	91.0 (0.6)	48.2 (1.3)	5.2 (0.7)
White, non-Hispanic	83.1 (1.3)	305.9 (0.9)	272 (0.6)	291 (0.6)	310 (0.6)	325 (0.6)	338 (1.1)	100.0 (—)	95.6 (0.3)	57.6 (1.1)	8.5 (0.5)
Black, non-Hispanic	11.8 (1.1)	268.4 (1.3)	247 (1.6)	264 (1.5)	281 (1.9)	292 (1.4)	297 (6.5)	98.8 (0.3)	70.7 (1.7)	16.8 (1.6)	0.5 (0.2)
Hispanic	4.0 (0.5)	276.3 (2.3)	256 (2.3)	273 (2.8)	294 (4.4)	303 (2.9)	306 (6.1)	99.3 (0.4)	78.3 (2.3)	23.4 (2.7)	1.4 (0.6)
Other ⁵	1.1 (0.1)	312.9 (3.3)	— (—)	— (—)	— (—)	— (—)	— (—)	100.0 (—)	94.5 (2.6)	64.7 (4.9)	15.4 (3.2)
1990											
Total	100.0 (0.0)	304.6 (0.9)	273 (1.1)	288 (1.2)	299 (1.5)	319 (1.0)	344 (2.6)	100.0 (—)	96.0 (0.5)	56.1 (1.4)	7.2 (0.6)
Male	48.6 (0.9)	306.3 (1.1)	274 (1.7)	291 (1.6)	302 (1.6)	323 (1.2)	347 (2.4)	99.9 (—)	95.8 (0.8)	57.6 (1.4)	8.8 (0.8)
Female	51.4 (0.9)	302.9 (1.1)	271 (1.8)	285 (1.8)	296 (1.8)	316 (1.1)	341 (4.0)	100.0 (—)	96.2 (0.8)	54.7 (1.8)	5.6 (0.8)
White, non-Hispanic	73.3 (0.5)	309.5 (1.0)	277 (1.1)	292 (1.6)	304 (1.3)	323 (0.9)	347 (2.8)	100.0 (—)	97.6 (0.3)	63.2 (1.6)	8.3 (0.7)
Black, non-Hispanic	15.6 (0.3)	288.5 (2.8)	264 (2.2)	278 (4.0)	285 (3.5)	302 (3.2)	329 (7.6)	99.9 (—)	92.4 (2.2)	32.8 (4.5)	2.0 (1.0)
Hispanic	6.9 (0.4)	283.5 (2.9)	259 (4.0)	278 (4.1)	286 (3.5)	306 (3.3)	323 (9.6)	99.6 (—)	85.8 (4.2)	30.1 (3.1)	1.9 (0.8)
Other ⁵	4.2 (0.5)	312.5 (5.2)	— (—)	— (—)	— (—)	— (—)	— (—)	100.0 (—)	97.9 (—)	61.6 (7.0)	15.9 (4.3)
1992											
Total	100.0 (0.0)	306.7 (0.9)	271 (1.6)	289 (1.1)	302 (1.6)	320 (0.7)	343 (1.7)	100.0 (—)	96.6 (0.5)	59.1 (1.3)	7.2 (0.6)
Male	50.7 (1.2)	308.9 (1.1)	275 (2.3)	291 (1.7)	306 (2.0)	323 (1.1)	344 (2.7)	100.0 (—)	96.9 (0.6)	60.5 (1.8)	9.1 (0.7)
Female	49.3 (1.2)	304.5 (1.1)	267 (1.6)	287 (1.8)	297 (2.0)	317 (1.0)	341 (2.0)	100.0 (—)	96.3 (0.8)	57.7 (1.6)	5.2 (0.8)
White, non-Hispanic	74.7 (0.5)	311.9 (0.8)	276 (1.7)	293 (1.0)	306 (1.6)	323 (0.9)	347 (1.6)	100.0 (—)	98.3 (0.4)	66.4 (1.4)	8.7 (0.9)
Black, non-Hispanic	14.8 (0.3)	285.8 (2.2)	256 (4.8)	279 (3.4)	283 (3.4)	301 (2.2)	313 (5.7)	100.0 (—)	89.6 (2.5)	29.8 (3.9)	0.9 (—)
Hispanic	7.4 (0.5)	292.2 (2.6)	269 (3.1)	285 (3.1)	297 (3.9)	312 (2.0)	320 (7.3)	100.0 (—)	94.1 (2.2)	39.2 (4.9)	1.2 (—)
Other ⁵	3.1 (0.2)	317.1 (4.0)	— (—)	— (—)	— (—)	— (—)	— (—)	100.0 (—)	96.5 (1.7)	69.8 (4.8)	16.9 (5.7)
1994											
Total	100.0 (0.0)	306.2 (1.0)	272 (1.2)	288 (1.4)	297 (1.7)	316 (1.0)	340 (2.2)	100.0 (—)	96.5 (0.5)	58.6 (1.4)	7.4 (0.8)
Male	49.5 (1.3)	308.5 (1.4)	274 (1.8)	289 (1.6)	301 (2.1)	320 (1.5)	343 (2.6)	100.0 (—)	97.3 (0.6)	60.2 (2.1)	9.3 (1.0)
Female	50.5 (1.3)	304.1 (1.1)	268 (1.9)	286 (1.9)	293 (1.8)	313 (1.1)	337 (2.8)	100.0 (—)	96.0 (0.6)	57.2 (1.4)	5.5 (0.9)
White, non-Hispanic	72.5 (0.5)	312.3 (1.1)	275 (1.4)	292 (1.7)	301 (1.5)	320 (1.0)	344 (2.0)	100.0 (—)	98.4 (0.4)	67.0 (1.4)	9.4 (1.1)
Black, non-Hispanic	15.5 (0.3)	285.5 (1.8)	— (—)	275 (3.3)	283 (3.8)	297 (2.5)	— (—)	100.0 (—)	90.6 (1.8)	29.8 (3.4)	0.4 (—)
Hispanic	8.8 (0.3)	290.8 (3.7)	— (—)	— (—)	— (—)	304 (4.1)	— (—)	100.0 (—)	91.8 (3.6)	38.3 (5.5)	1.4 (—)
Other ⁵	3.2 (0.3)	312.7 (4.5)	— (—)	— (—)	— (—)	— (—)	— (—)	100.0 (—)	97.0 (—)	66.4 (6.6)	12.1 (3.6)
1996											
Total	100.0 (0.0)	307.2 (1.2)	269 (1.9)	283 (1.3)	298 (1.3)	316 (1.3)	339 (1.7)	100.0 (—)	96.8 (0.4)	60.1 (1.7)	7.4 (0.8)
Male	49.5 (1.2)	309.5 (1.3)	272 (2.5)	287 (1.5)	302 (1.7)	320 (1.7)	342 (2.3)	100.0 (—)	97.0 (0.7)	62.7 (1.8)	9.5 (1.3)
Female	50.5 (1.2)	304.9 (1.4)	265 (2.2)	278 (2.2)	294 (1.5)	313 (1.4)	335 (2.2)	100.0 (—)	96.7 (0.6)	57.6 (2.2)	5.3 (0.8)
White, non-Hispanic	71.0 (0.6)	313.4 (1.4)	273 (2.3)	287 (2.0)	304 (1.6)	320 (1.4)	342 (1.9)	100.0 (—)	98.7 (0.4)	68.7 (2.2)	9.2 (1.0)
Black, non-Hispanic	15.0 (0.3)	286.4 (1.7)	— (—)	273 (2.4)	280 (3.0)	299 (2.2)	— (—)	100.0 (—)	90.6 (1.3)	31.2 (2.5)	0.9 (—)
Hispanic	9.0 (0.7)	292.0 (2.1)	— (—)	— (—)	— (—)	306 (2.8)	— (—)	99.9 (—)	92.2 (2.2)	40.1 (3.5)	1.8 (—)
Other ⁵	5.0 (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	100.0 (—)	97.4 (1.2)	63.5 (7.2)	13.7 (5.0)
1999											
Total	100.0 (0.0)	308.2 (1.0)	278 (2.8)	285 (1.7)	298 (1.2)	315 (0.8)	341 (1.4)	100.0 (—)	96.8 (0.5)	60.7 (1.6)	8.4 (0.8)
Male	48.3 (1.0)	309.8 (1.4)	281 (3.2)	288 (2.6)	301 (1.8)	317 (1.3)	343 (1.9)	100.0 (—)	96.0 (0.8)	63.0 (2.1)	10.0 (1.1)
Female	51.7 (1.0)	306.8 (1.0)	274 (3.2)	282 (2.5)	295 (1.3)	314 (1.1)	340 (2.0)	100.0 (—)	97.0 (0.4)	58.0 (1.9)	7.0 (1.1)
White, non-Hispanic	71.7 (0.5)	314.8 (1.1)	282 (3.4)	290 (2.2)	303 (1.5)	320 (0.9)	343 (1.5)	100.0 (—)	99.0 (0.4)	70.0 (2.0)	10.0 (1.1)
Black, non-Hispanic	14.6 (0.4)	283.3 (1.5)	— (—)	267 (2.9)	281 (2.5)	293 (1.4)	— (—)	100.0 (—)	89.0 (2.0)	27.0 (2.7)	1.0 (—)
Hispanic	9.8 (0.5)	292.7 (2.5)	— (—)	— (—)	— (—)	308 (3.0)	— (—)	100.0 (—)	94.0 (2.2)	38.0 (4.1)	3.0 (1.1)
Other ⁵	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	100.0 (—)	100.0 (—)	76.0 (6.3)	14.0 (4.1)

—Not available.

¹ Indicates ability to perform simple additive reasoning and problem solving.

² Indicates ability to perform simple multiplicative reasoning and 2-step problem solving.

³ Indicates ability to perform reasoning and problem solving involving fractions, decimals, percents, elementary geometry, and simple algebra.

⁴ Indicates ability to perform reasoning and problem solving involving geometry, algebra, and beginning statistics and probability.

⁵ Includes Asian/Pacific Islanders and American Indians/Alaska Natives.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). Scale ranges from 0 to 500. Excludes persons not enrolled in school and those who were unable to be tested due to limited proficiency in English or due to a disability. Data are only for students enrolled in school. Includes public and private schools. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared September 2000.)

Table 124. Mathematics average scale score and performance and selected statistics on mathematics education for 4th-graders in public schools, by state or jurisdiction: 1992, 2000, and 2003

State or jurisdiction	Average scale score			Percent attaining mathematics achievement levels, ¹ 2003				Percent of students with 3 or more hours of math instruction each week, 2003	Percent of students, 2003	
	1992	2000	2003	Below basic	Basic or above ²	Proficient or above ³	Advanced ⁴		Spending 30 minutes or more on math homework each day ⁵	Watching 6 hours or more of television each day
1	2	3	4	5	6	7	8	9	10	11
United States	219 (0.8)	224 (1.0)	234 (0.2)	24 (0.3)	76 (0.3)	31 (0.3)	4 (0.1)	56 (1.0)	49	21 (0.2)
Alabama	208 (1.6)	217 (1.2)	223 (1.2)	35 (1.7)	65 (1.7)	19 (1.5)	1 (0.2)	41 (4.7)	47	22 (1.1)
Alaska	— (—)	— (—)	233 (0.8)	25 (1.2)	75 (1.2)	30 (1.1)	4 (0.5)	68 (4.2)	—	— (—)
Arizona	215 (1.1)	219 (1.3)	229 (1.1)	30 (1.5)	70 (1.5)	25 (1.4)	2 (0.3)	70 (4.5)	52	19 (1.0)
Arkansas	210 (0.9)	216 (1.1)	229 (0.9)	29 (1.3)	71 (1.3)	26 (1.1)	2 (0.4)	57 (5.3)	51	24 (1.0)
California ⁶	208 (1.6)	213 (1.6)	227 (0.9)	33 (1.1)	67 (1.1)	25 (1.3)	3 (0.5)	43 (5.1)	56	20 (0.7)
Colorado	221 (1.0)	— (—)	235 (1.0)	23 (1.3)	77 (1.3)	34 (1.5)	4 (0.5)	55 (4.5)	50	15 (0.8)
Connecticut	227 (1.1)	234 (1.1)	241 (0.8)	18 (0.9)	82 (0.9)	41 (1.5)	5 (0.5)	73 (3.8)	42	21 (0.8)
Delaware	218 (0.8)	— (—)	236 (0.5)	19 (1.1)	81 (1.1)	31 (0.9)	3 (0.4)	51 (0.6)	49	25 (0.7)
District of Columbia	193 (0.5)	192 (1.1)	205 (0.7)	64 (1.1)	36 (1.1)	7 (0.6)	1 (0.2)	54 (0.6)	52	32 (1.0)
Florida	214 (1.5)	— (—)	234 (1.1)	24 (1.4)	76 (1.4)	31 (1.3)	4 (0.5)	41 (5.3)	50	26 (1.0)
Georgia	216 (1.2)	219 (1.1)	230 (1.0)	28 (1.2)	72 (1.2)	27 (1.3)	3 (0.5)	42 (5.3)	48	23 (1.1)
Hawaii	214 (1.3)	216 (1.0)	227 (1.0)	32 (1.4)	68 (1.4)	23 (1.2)	2 (0.3)	63 (4.7)	58	23 (1.1)
Idaho ⁶	222 (1.0)	224 (1.4)	235 (0.7)	20 (1.0)	80 (1.0)	31 (1.1)	2 (0.4)	66 (4.6)	49	14 (0.6)
Illinois ⁶	— (—)	223 (1.9)	233 (1.1)	27 (1.2)	73 (1.2)	32 (1.6)	5 (0.7)	68 (4.2)	50	21 (0.9)
Indiana ⁶	221 (1.0)	233 (1.1)	238 (0.9)	18 (1.0)	82 (1.0)	35 (1.4)	4 (0.5)	69 (4.8)	50	23 (0.9)
Iowa ⁶	230 (1.0)	231 (1.2)	238 (0.7)	17 (1.0)	83 (1.0)	36 (1.2)	3 (0.5)	64 (4.5)	46	17 (1.0)
Kansas ⁶	— (—)	232 (1.6)	242 (1.0)	15 (1.2)	85 (1.2)	41 (1.6)	6 (0.8)	48 (4.8)	48	19 (1.1)
Kentucky	215 (1.0)	219 (1.4)	229 (1.1)	28 (1.6)	72 (1.6)	22 (1.4)	2 (0.3)	49 (5.3)	49	24 (0.8)
Louisiana	204 (1.5)	218 (1.4)	226 (1.0)	33 (1.8)	67 (1.8)	21 (1.2)	2 (0.4)	49 (5.6)	43	24 (1.2)
Maine ⁶	232 (1.0)	230 (1.0)	238 (0.7)	17 (1.3)	83 (1.3)	34 (1.3)	3 (0.5)	72 (4.1)	46	15 (0.9)
Maryland	217 (1.3)	222 (1.2)	233 (1.3)	27 (1.4)	73 (1.4)	31 (1.7)	5 (0.8)	61 (4.1)	42	25 (1.1)
Massachusetts	227 (1.2)	233 (1.2)	242 (0.8)	16 (1.0)	84 (1.0)	41 (1.4)	6 (0.6)	67 (4.1)	47	19 (0.7)
Michigan ⁶	220 (1.7)	229 (1.6)	236 (0.9)	23 (1.0)	77 (1.0)	34 (1.4)	5 (0.5)	75 (4.4)	46	22 (0.9)
Minnesota ⁶	228 (0.9)	234 (1.3)	242 (0.9)	16 (0.9)	84 (0.9)	42 (1.6)	7 (0.8)	56 (5.1)	48	15 (0.8)
Mississippi	202 (1.1)	211 (1.1)	223 (1.0)	38 (2.0)	62 (2.0)	17 (1.1)	1 (0.2)	53 (5.1)	51	24 (1.0)
Missouri	222 (1.2)	228 (1.2)	235 (0.9)	21 (1.2)	79 (1.2)	30 (1.4)	3 (0.5)	68 (4.5)	49	21 (1.0)
Montana ⁶	— (—)	228 (1.7)	236 (0.8)	19 (1.2)	81 (1.2)	31 (1.6)	2 (0.4)	70 (3.8)	49	13 (0.7)
Nebraska	225 (1.2)	225 (1.8)	236 (0.8)	20 (1.0)	80 (1.0)	34 (1.2)	3 (0.5)	71 (4.7)	51	19 (1.1)
Nevada	— (—)	220 (1.0)	228 (0.8)	31 (1.4)	69 (1.4)	23 (1.0)	1 (0.2)	65 (4.5)	47	19 (0.8)
New Hampshire	230 (1.2)	— (—)	243 (0.9)	13 (1.0)	87 (1.0)	43 (1.4)	6 (0.5)	74 (3.7)	45	15 (0.8)
New Jersey	227 (1.5)	— (—)	239 (1.1)	20 (1.4)	80 (1.4)	39 (1.4)	5 (0.8)	74 (4.0)	45	20 (1.1)
New Mexico	213 (1.4)	213 (1.5)	223 (1.1)	37 (1.8)	63 (1.8)	17 (1.1)	1 (0.3)	54 (5.1)	55	18 (0.8)
New York ⁶	218 (1.2)	225 (1.4)	236 (0.9)	21 (1.0)	79 (1.0)	33 (1.4)	4 (0.5)	63 (4.2)	47	23 (1.0)
North Carolina	213 (1.1)	230 (1.1)	242 (0.8)	15 (0.8)	85 (0.8)	41 (1.4)	6 (0.6)	58 (4.8)	50	20 (0.8)
North Dakota	229 (0.8)	230 (1.2)	238 (0.7)	17 (1.1)	83 (1.1)	34 (1.1)	2 (0.4)	77 (3.4)	48	14 (0.7)
Ohio ⁶	219 (1.2)	230 (1.5)	238 (1.0)	19 (1.4)	81 (1.4)	36 (1.7)	4 (0.5)	60 (4.7)	45	21 (1.0)
Oklahoma	220 (1.0)	224 (1.0)	229 (1.0)	26 (1.5)	74 (1.5)	23 (1.4)	1 (0.3)	64 (4.7)	48	21 (1.0)
Oregon ⁶	— (—)	224 (1.8)	236 (0.9)	21 (1.2)	79 (1.2)	33 (1.4)	4 (0.5)	58 (4.6)	49	16 (0.8)
Pennsylvania	224 (1.3)	— (—)	236 (1.1)	22 (1.4)	78 (1.4)	36 (1.6)	4 (0.5)	68 (4.9)	41	23 (1.0)
Rhode Island	215 (1.5)	224 (1.1)	230 (1.0)	28 (1.4)	72 (1.4)	28 (1.4)	3 (0.5)	68 (4.7)	44	19 (1.0)
South Carolina	212 (1.1)	220 (1.4)	236 (0.9)	21 (1.2)	79 (1.2)	32 (1.5)	4 (0.5)	60 (5.0)	47	25 (0.9)
South Dakota	— (—)	— (—)	237 (0.7)	18 (1.0)	82 (1.0)	34 (1.3)	3 (0.4)	69 (3.2)	55	14 (0.8)
Tennessee	211 (1.4)	220 (1.4)	228 (1.0)	30 (1.6)	70 (1.6)	24 (1.1)	2 (0.4)	61 (4.4)	50	23 (0.9)
Texas	218 (1.2)	231 (1.1)	237 (0.9)	18 (1.2)	82 (1.2)	33 (1.4)	4 (0.5)	41 (4.6)	53	19 (0.9)
Utah	224 (1.0)	227 (1.3)	235 (0.8)	21 (1.1)	79 (1.1)	31 (1.3)	2 (0.4)	51 (5.4)	46	15 (0.8)
Vermont ⁶	— (—)	232 (1.6)	242 (0.8)	15 (1.1)	85 (1.1)	42 (1.2)	5 (0.5)	71 (2.4)	47	14 (0.9)
Virginia	221 (1.3)	230 (1.0)	239 (1.1)	17 (1.2)	83 (1.2)	36 (1.8)	5 (0.8)	57 (5.0)	46	23 (1.0)
Washington	— (—)	— (—)	238 (1.0)	19 (1.1)	81 (1.1)	36 (1.5)	5 (0.6)	47 (4.6)	51	17 (0.9)
West Virginia	215 (1.1)	223 (1.3)	231 (0.8)	25 (1.4)	75 (1.4)	24 (1.2)	2 (0.4)	63 (4.9)	47	22 (0.9)
Wisconsin ⁶	229 (1.1)	— (—)	237 (0.9)	21 (1.3)	79 (1.3)	35 (1.3)	4 (0.5)	71 (4.8)	49	17 (0.7)
Wyoming	225 (0.9)	229 (1.1)	241 (0.6)	13 (0.8)	87 (0.8)	39 (1.1)	4 (0.4)	64 (0.7)	56	15 (0.7)
Department of Defense dependents schools:										
Domestic schools	— (—)	228 (1.4)	237 (0.7)	16 (1.1)	84 (1.1)	30 (1.5)	2 (0.6)	75 (0.9)	51	21 (1.2)
Overseas schools	— (—)	226 (0.9)	237 (0.5)	16 (0.7)	84 (0.7)	31 (1.1)	2 (0.4)	75 (0.6)	52	18 (0.6)
Outlying areas										
American Samoa	— (—)	152 (2.5)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	—	— (—)
Guam	193 (0.8)	184 (1.7)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	—	— (—)
Virgin Islands	— (—)	181 (1.8)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	—	— (—)

—Jurisdiction did not participate.

¹ Achievement levels are in trial status.

² This level denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at the 4th grade.

³ This level represents solid academic mastery for 4th-graders. Students reaching this level have demonstrated competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real-world situations, and analytical skills appropriate to the subject matter.

⁴ This level signifies superior performance.

⁵ Percent of students who report spending 30 minutes, 45 minutes, 1 hour, and over 1 hour on mathematics homework each day.

⁶ Did not meet one or more of the guidelines for school sample participation rates in 2000. Data are subject to appreciable nonresponse bias.

NOTE: Excludes students unable to be tested due to limited proficiency in English or due to a disability. These test scores are from the National Assessment of Educational Progress (NAEP). Forty-three jurisdictions (states, the District of Columbia, and Department of Defense Schools) participated in the 2000 State Assessment of 4th-graders and met student and school participation criteria for reporting results. Fifty-three jurisdictions participated in the 2003 state assessment and met student and school participation criteria for reporting results. Data for 2000 and 2003 are for situations where student accommodations for the testing were permitted. Detail may not sum to totals due to rounding. Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Assessment of Educational Progress (NAEP), The Nation's Report Card: Mathematics, 2000 and 2003*, and unpublished data, prepared by Educational Testing Service; NAEP Data Tool (<http://nces.ed.gov/nationsreportcard/>). (This table was prepared August 2004.)

Table 125. Mathematics proficiency of 8th-graders in public schools, by state or jurisdiction: Selected years, 1990 to 2003

State or jurisdiction	Average scale score					Percent attaining mathematics achievement levels, ¹ 2003				Average scale score, by highest level of education attained by parents, ² 2003			
	1990	1992	1996	2000	2003	Below basic	Basic or above ³	Proficient or above ⁴	Ad- vanced ⁵	Did not finish high school	Graduated high school	Some education after high school	Graduated college
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States	262 (1.4)	267 (1.0)	271 (1.2)	272 (0.9)	276 (0.3)	33 (0.3)	67 (0.3)	27 (0.3)	5 (0.1)	256 (0.6)	267 (0.4)	280 (0.4)	287 (0.4)
Alabama	253 (1.1)	252 (1.7)	257 (2.1)	264 (1.8)	262 (1.5)	47 (1.7)	53 (1.7)	16 (1.4)	2 (0.5)	249 (2.7)	253 (1.7)	267 (2.0)	270 (2.2)
Alaska	— (—)	— (—)	278 (1.8)	— (—)	279 (0.9)	30 (1.4)	70 (1.4)	30 (1.1)	6 (0.6)	‡ (‡)	‡ (‡)	‡ (‡)	‡ (‡)
Arizona ⁶	260 (1.3)	265 (1.3)	268 (1.6)	269 (1.8)	271 (1.2)	39 (1.6)	61 (1.6)	21 (1.2)	3 (0.3)	257 (2.1)	266 (1.7)	277 (1.8)	284 (1.3)
Arkansas	256 (0.9)	256 (1.2)	262 (1.5)	257 (1.5)	266 (1.2)	42 (1.6)	58 (1.6)	19 (1.2)	2 (0.4)	253 (3.1)	259 (1.8)	275 (1.8)	274 (2.1)
California ⁶	256 (1.3)	261 (1.7)	263 (1.9)	260 (2.1)	267 (1.2)	44 (1.3)	56 (1.3)	22 (1.1)	4 (0.7)	246 (1.8)	255 (1.6)	275 (1.9)	282 (1.8)
Colorado	267 (0.9)	272 (1.0)	276 (1.1)	— (—)	283 (1.1)	26 (1.1)	74 (1.1)	34 (1.3)	8 (0.8)	254 (2.2)	270 (1.8)	282 (1.7)	295 (1.2)
Connecticut	270 (1.0)	274 (1.1)	280 (1.1)	281 (1.3)	284 (1.2)	27 (1.3)	73 (1.3)	35 (1.6)	8 (0.9)	259 (3.8)	273 (1.9)	280 (1.8)	295 (1.4)
Delaware	261 (0.9)	263 (1.0)	267 (0.9)	— (—)	277 (0.7)	32 (1.1)	68 (1.1)	26 (0.9)	4 (0.5)	258 (3.5)	271 (1.6)	278 (1.5)	286 (1.2)
District of Columbia	231 (0.9)	235 (0.9)	233 (1.3)	235 (1.1)	243 (0.8)	71 (1.1)	29 (1.1)	6 (0.6)	1 (0.3)	236 (3.1)	235 (1.3)	252 (2.0)	250 (1.6)
Florida	255 (1.2)	260 (1.5)	264 (1.8)	— (—)	271 (1.5)	38 (1.8)	62 (1.8)	23 (1.5)	4 (0.6)	255 (2.8)	264 (2.0)	280 (1.8)	280 (1.7)
Georgia	259 (1.3)	259 (1.2)	262 (1.6)	265 (1.2)	270 (1.2)	41 (1.4)	59 (1.4)	22 (1.2)	4 (0.6)	254 (2.2)	259 (1.6)	277 (1.8)	280 (1.5)
Hawaii	251 (0.8)	257 (0.9)	262 (1.0)	262 (1.4)	266 (0.8)	44 (1.0)	56 (1.0)	17 (1.0)	2 (0.4)	255 (2.8)	256 (1.3)	270 (1.5)	273 (1.3)
Idaho ⁶	271 (0.8)	275 (0.7)	— (—)	277 (1.0)	280 (0.9)	27 (1.2)	73 (1.2)	28 (1.0)	4 (0.5)	260 (3.1)	269 (1.7)	283 (1.6)	291 (0.9)
Illinois ⁶	261 (1.7)	— (—)	— (—)	275 (1.7)	277 (1.2)	34 (1.2)	66 (1.2)	29 (1.5)	6 (0.6)	256 (2.7)	269 (1.4)	278 (1.6)	288 (1.5)
Indiana ⁶	267 (1.2)	270 (1.1)	276 (1.4)	281 (1.4)	281 (1.1)	26 (1.4)	74 (1.4)	31 (1.2)	5 (0.4)	265 (2.2)	274 (1.9)	284 (1.6)	290 (1.4)
Iowa	278 (1.1)	283 (1.0)	284 (1.3)	— (—)	284 (0.8)	24 (1.1)	76 (1.1)	33 (1.2)	5 (0.5)	255 (2.9)	272 (1.5)	288 (1.4)	294 (0.9)
Kansas ⁶	— (—)	— (—)	— (—)	283 (1.7)	284 (1.3)	24 (1.5)	76 (1.5)	34 (1.5)	6 (0.6)	260 (2.5)	275 (2.0)	287 (1.5)	294 (1.3)
Kentucky	257 (1.2)	262 (1.1)	267 (1.1)	270 (1.3)	274 (1.2)	35 (1.5)	65 (1.5)	24 (1.3)	4 (0.5)	258 (2.3)	266 (1.8)	278 (1.6)	286 (1.7)
Louisiana	246 (1.2)	250 (1.7)	252 (1.6)	259 (1.5)	266 (1.5)	43 (1.8)	57 (1.8)	17 (1.3)	2 (0.5)	256 (3.2)	262 (1.9)	274 (1.9)	271 (2.1)
Maine ⁶	— (—)	279 (1.0)	284 (1.3)	281 (1.1)	282 (0.9)	25 (1.1)	75 (1.1)	29 (1.2)	5 (0.6)	255 (3.0)	272 (1.5)	281 (1.4)	291 (1.0)
Maryland	261 (1.4)	265 (1.3)	270 (2.1)	272 (1.7)	278 (1.0)	33 (1.2)	67 (1.2)	30 (1.3)	7 (0.8)	259 (2.7)	265 (2.0)	281 (1.7)	288 (1.3)
Massachusetts	— (—)	273 (1.0)	278 (1.7)	279 (1.5)	287 (0.9)	24 (1.0)	76 (1.0)	38 (1.1)	8 (0.8)	262 (3.3)	271 (1.9)	281 (1.7)	298 (1.0)
Michigan ⁶	264 (1.2)	267 (1.4)	277 (1.8)	277 (1.9)	276 (2.0)	32 (2.2)	68 (2.2)	28 (1.9)	5 (0.6)	253 (3.2)	268 (2.0)	280 (2.1)	284 (2.4)
Minnesota	275 (0.9)	282 (1.0)	284 (1.3)	287 (1.4)	291 (1.1)	18 (1.1)	82 (1.1)	44 (1.4)	9 (0.8)	262 (6.6)	279 (1.8)	295 (1.9)	298 (1.1)
Mississippi	— (—)	246 (1.2)	250 (1.2)	254 (1.1)	261 (1.1)	53 (1.4)	47 (1.4)	12 (1.1)	1 (0.3)	255 (2.3)	253 (1.7)	268 (1.9)	266 (1.6)
Missouri	— (—)	271 (1.2)	273 (1.4)	271 (1.5)	279 (1.1)	29 (1.4)	71 (1.4)	28 (1.2)	4 (0.5)	265 (2.6)	271 (1.7)	281 (1.5)	287 (1.5)
Montana ⁶	280 (0.9)	— (—)	283 (1.3)	285 (1.4)	286 (0.8)	21 (1.0)	79 (1.0)	35 (1.2)	6 (0.6)	263 (4.8)	277 (1.8)	288 (1.7)	292 (0.9)
Nebraska	276 (1.0)	278 (1.1)	283 (1.0)	280 (1.2)	282 (0.9)	26 (1.1)	74 (1.1)	32 (1.4)	5 (0.6)	253 (3.8)	273 (1.7)	283 (1.7)	292 (1.1)
Nevada	— (—)	— (—)	— (—)	265 (0.8)	268 (0.8)	41 (1.3)	59 (1.3)	20 (0.7)	3 (0.3)	249 (2.7)	263 (1.9)	277 (1.6)	279 (1.3)
New Hampshire	273 (0.9)	278 (1.0)	— (—)	— (—)	286 (0.8)	21 (1.1)	79 (1.1)	35 (1.2)	7 (0.8)	260 (3.2)	276 (1.6)	287 (1.7)	295 (1.0)
New Jersey	270 (1.1)	272 (1.6)	— (—)	— (—)	281 (1.1)	28 (1.2)	72 (1.2)	33 (1.3)	6 (0.7)	260 (4.4)	269 (2.1)	280 (1.3)	292 (1.2)
New Mexico	256 (0.7)	260 (0.9)	262 (1.2)	259 (1.3)	263 (1.0)	48 (1.3)	52 (1.3)	15 (0.8)	2 (0.3)	246 (1.9)	254 (1.5)	268 (1.6)	277 (1.2)
New York ⁶	261 (1.4)	266 (2.1)	270 (1.7)	271 (2.2)	280 (1.1)	30 (1.2)	70 (1.2)	32 (1.4)	6 (0.6)	259 (3.3)	270 (1.9)	282 (1.7)	289 (1.3)
North Carolina	250 (1.1)	258 (1.2)	268 (1.4)	276 (1.3)	281 (1.0)	28 (1.3)	72 (1.3)	32 (1.2)	7 (0.7)	264 (2.8)	270 (1.8)	283 (1.3)	291 (1.3)
North Dakota	281 (1.2)	283 (1.1)	284 (0.9)	282 (1.1)	287 (0.8)	19 (1.1)	81 (1.1)	36 (1.1)	5 (0.4)	257 (6.6)	278 (1.8)	290 (1.7)	293 (0.9)
Ohio	264 (1.0)	268 (1.5)	— (—)	281 (1.6)	282 (1.3)	26 (1.5)	74 (1.5)	30 (1.8)	5 (0.8)	260 (2.2)	276 (1.3)	281 (1.1)	291 (1.8)
Oklahoma	263 (1.3)	268 (1.1)	— (—)	270 (1.3)	272 (1.1)	35 (1.5)	65 (1.5)	20 (1.1)	2 (0.4)	254 (2.7)	262 (1.7)	275 (1.4)	282 (1.3)
Oregon ⁶	271 (1.0)	— (—)	276 (1.5)	280 (1.5)	281 (1.3)	30 (1.3)	70 (1.3)	32 (1.5)	7 (0.8)	261 (2.6)	271 (1.9)	283 (1.8)	293 (1.4)
Pennsylvania	266 (1.6)	271 (1.5)	— (—)	— (—)	279 (1.1)	31 (1.5)	69 (1.5)	30 (1.3)	5 (0.5)	252 (3.2)	269 (1.7)	280 (1.8)	289 (1.3)
Rhode Island	260 (0.6)	266 (0.7)	269 (0.9)	269 (1.3)	272 (0.7)	37 (1.0)	63 (1.0)	24 (0.9)	3 (0.4)	249 (3.1)	264 (1.8)	271 (2.2)	284 (1.0)
South Carolina	— (—)	261 (1.0)	261 (1.5)	265 (1.5)	277 (1.3)	32 (1.5)	68 (1.5)	26 (1.3)	5 (0.5)	269 (2.2)	267 (1.9)	283 (1.5)	284 (1.5)
South Dakota	— (—)	— (—)	— (—)	— (—)	285 (0.8)	22 (1.3)	78 (1.3)	35 (1.1)	5 (0.5)	267 (3.7)	277 (1.7)	285 (1.7)	293 (0.8)
Tennessee	— (—)	259 (1.4)	263 (1.4)	262 (1.5)	268 (1.8)	41 (2.1)	59 (2.1)	21 (1.5)	3 (0.5)	253 (2.4)	258 (2.3)	274 (2.1)	280 (2.0)
Texas	258 (1.4)	265 (1.3)	270 (1.4)	273 (1.6)	277 (1.1)	31 (1.4)	69 (1.4)	25 (1.4)	4 (0.6)	265 (1.8)	271 (2.1)	282 (1.5)	286 (1.6)
Utah	— (—)	274 (0.7)	277 (1.0)	274 (1.2)	281 (1.0)	28 (1.1)	72 (1.1)	31 (1.5)	6 (0.7)	253 (3.7)	265 (1.7)	281 (1.5)	292 (1.1)
Vermont ⁶	— (—)	— (—)	279 (1.0)	281 (1.5)	286 (0.8)	23 (0.9)	77 (0.9)	35 (1.1)	7 (0.7)	262 (2.8)	276 (1.4)	286 (1.3)	294 (1.0)
Virginia	264 (1.5)	268 (1.2)	270 (1.6)	275 (1.3)	282 (1.3)	28 (1.5)	72 (1.5)	31 (1.6)	6 (0.8)	262 (2.3)	271 (1.5)	282 (1.8)	291 (1.5)
Washington	— (—)	— (—)	276 (1.3)	— (—)	281 (0.9)	28 (1.2)	72 (1.2)	32 (1.3)	6 (0.8)	263 (2.0)	271 (1.7)	283 (1.6)	292 (1.4)
West Virginia	256 (1.0)	259 (1.0)	265 (1.0)	266 (1.2)	271 (1.2)	37 (1.8)	63 (1.8)	20 (1.3)	2 (0.3)	255 (3.0)	266 (1.8)	275 (1.6)	279 (1.4)
Wisconsin	274 (1.3)	278 (1.5)	283 (1.5)	— (—)	284 (1.3)	25 (1.4)	75 (1.4)	35 (1.4)	6 (0.6)	255 (4.5)	276 (1.6)	286 (1.9)	293 (1.5)
Wyoming	272 (0.7)	275 (0.9)	275 (0.9)	276 (1.0)	284 (0.7)	23 (1.0)	77 (1.0)	32 (1.0)	4 (0.5)	269 (2.6)	277 (1.5)	284 (1.2)	291 (1.0)
Department of Defense depends schools:													
Domestic schools	— (—)	— (—)	269 (2.3)	274 (1.8)	282 (1.5)	22 (1.9)	78 (1.9)	27 (1.9)	5 (0.9)	‡ (‡)	273 (3.9)	283 (2.5)	285 (1.7)
Overseas schools	— (—)	— (—)	275 (0.9)	278 (1.1)	286 (0.7)	21 (1.0)	79 (1.0)	35 (1.2)	5 (0.7)	‡ (‡)	277 (2.3)	286 (1.3)	290 (0.9)
Outlying areas													
American Samoa	— (—)	— (—)	— (—)	192 (5.5)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Guam	232 (0.7)	235 (1.0)	239 (1.7)	234 (2.6)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Virgin Islands	219 (0.9)	223 (1.1)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)

—Jurisdiction did not participate.

‡ Sample size is insufficient to permit a reliable estimate.

¹ Achievement levels are in trial status.

² Excludes students who responded "I don't know" to the question about educational level of parents.

³ This level denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at the 8th grade.

⁴ This level represents solid academic performance for 8th-graders. Students reaching this level have demonstrated competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real-world situations, and analytical skills appropriate to the subject matter.

⁵ This level signifies superior performance.

⁶ Did not meet one or more of the guidelines for school participation in 2000. Data are subject to appreciable nonresponse bias.

NOTE: Excludes persons not enrolled in school and those who were unable to be tested due to limited proficiency in English or due to a disability. These test scores are from the National Assessment of Educational Progress (NAEP). Fifty states, the District of Columbia, and two Department of Defense school systems participated in the 2003 State Assessment of 8th-graders and met student and school participation criteria for reporting results. Scale ranges from 0 to 500. Data for 2000 and 2003 are for situations where student accommodations were permitted. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Assessment of Educational Progress (NAEP), The Nations Report Card: Mathematics, 2003*; prepared by Educational Testing Service; and unpublished data, NAEP Data Tool (<http://nces.ed.gov/nationsreportcard/naepdata>). (This table was prepared August 2004.)

Table 126. Length of school year and selected statistics on mathematics education for students in public schools, by state or jurisdiction: 2000, 2002 and 2003

State or jurisdiction	Math units required for graduation in 2002	Length of school year (in days)		High school exit exam required for graduation in 2002	Percent of 8th-grade students with 3 or more hours of math instruction each week (2003)	Percent of 8th-grade students reporting (2003)		
		2000	2002			Spending 30 minutes or more on math homework each day ¹	Positive attitudes toward math ²	Watching 6 or more hours of television each day
1	2	3	4	5	6	7	8	9
United States	—	—	—	—	88 (0.7)	57	72	15 (0.2)
Alabama	4	175	175	Yes	77 (4.1)	55	74	21 (1.1)
Alaska	2	180	180	No	92 (2.1)	—	—	— (—)
Arizona	2	³ 175	175	No	86 (3.3)	59	72	11 (0.7)
Arkansas	3	178	178	No	86 (3.6)	57	75	18 (0.9)
California	2	175	180	Yes	87 (3.4)	70	67	14 (0.7)
Colorado	(⁴)	(⁵)	(⁵)	No	91 (2.9)	63	68	9 (0.7)
Connecticut	3	180	180	Yes	93 (2.3)	56	73	15 (0.8)
Delaware	3	(⁵)	(⁵)	No	100 (—)	51	78	18 (0.8)
District of Columbia	3	⁶ 180	183	No	92 (0.5)	56	76	34 (1.1)
Florida	3	180	180	Yes	79 (4.6)	57	74	20 (1.1)
Georgia	3	⁶ 180	180	Yes	83 (3.5)	59	74	18 (0.9)
Hawaii	3	184	183	No	93 (0.3)	66	70	20 (0.8)
Idaho	⁷ 4	180	(⁵)	No	90 (2.1)	56	70	9 (0.6)
Illinois	2	⁸ 180	185	No	83 (3.6)	62	73	15 (0.8)
Indiana	⁷ 4	180	180	Yes	87 (3.4)	59	72	13 (0.9)
Iowa	(⁴)	180	180	No	84 (3.6)	56	75	10 (0.6)
Kansas	2	186	186	No	83 (4.3)	56	75	11 (0.6)
Kentucky	3	175	(⁵)	No	90 (3.1)	54	75	15 (0.8)
Louisiana	3	175	175	Yes	92 (3.0)	50	78	23 (1.0)
Maine	2	175	175	No	91 (2.0)	58	74	10 (0.7)
Maryland	3	180	180	Yes	83 (4.1)	52	74	20 (0.9)
Massachusetts	(⁴)	180	180	No	91 (3.0)	60	75	11 (0.6)
Michigan	(⁴)	180	185	No	90 (3.1)	52	74	16 (1.0)
Minnesota	3	(⁹)	(⁵)	Yes	89 (2.7)	53	74	8 (0.6)
Mississippi	3	180	180	Yes	82 (3.5)	50	78	23 (1.1)
Missouri	2	174	174	No	91 (2.4)	57	72	14 (0.7)
Montana	2	180	180	No	91 (1.3)	58	75	9 (0.6)
Nebraska	(⁴)	(⁵)	(⁵)	No	89 (1.4)	59	74	10 (0.7)
Nevada	3	180	180	Yes	91 (0.6)	60	71	16 (0.7)
New Hampshire	2	180	180	Yes	92 (1.8)	57	70	10 (0.6)
New Jersey	3	180	180	Yes	84 (4.1)	54	76	15 (0.7)
New Mexico	3	180	180	Yes	84 (3.1)	61	72	13 (0.9)
New York	2	⁶ 180	180	Yes	91 (2.7)	51	74	17 (0.8)
North Carolina	3	180	180	Yes	81 (3.7)	63	78	16 (0.6)
North Dakota	(⁵)	173	173	No	89 (1.5)	54	76	8 (0.6)
Ohio	3	182	182	Yes	91 (3.2)	53	73	14 (0.7)
Oklahoma	3	180	180	No	84 (3.8)	55	68	14 (0.8)
Oregon	2	(⁵)	(⁵)	No	88 (3.1)	58	67	11 (0.7)
Pennsylvania	—	180	180	No	93 (2.6)	46	75	14 (0.9)
Rhode Island	2	180	180	No	91 (0.4)	55	68	14 (0.8)
South Carolina	4	180	180	Yes	83 (4.0)	55	77	19 (0.9)
South Dakota	2	—	(⁵)	No	93 (1.0)	8	76	8 (0.5)
Tennessee	3	180	180	Yes	85 (3.3)	53	73	18 (1.0)
Texas	3	187	180	Yes	92 (2.8)	57	73	16 (0.8)
Utah	2	180	180	No	95 (1.9)	53	66	7 (0.5)
Vermont	¹⁰ 5	175	175	No	78 (2.4)	57	70	10 (0.7)
Virginia	3	180	180	Yes	92 (2.7)	55	74	17 (1.0)
Washington	2	⁸ 180	180	No	89 (3.5)	59	70	12 (0.7)
West Virginia	3	180	180	No	91 (3.0)	47	75	15 (1.0)
Wisconsin	2	180	180	No	93 (2.6)	52	73	12 (0.9)
Wyoming	3	175	175	No	97 (0.2)	58	73	11 (0.6)
Department of Defense dependents schools:								
Domestic schools	3	183	183	No	68 (1.3)	63	79	17 (1.3)
Overseas schools	3	183	183	No	91 (0.5)	72	74	11 (0.6)

—Not available.
¹ Percent of students who report spending 30 minutes, 45 minutes, 1 hour, and over 1 hour on mathematics homework each day. No standard errors are reported here for aggregated data.
² Percent of students agreeing or strongly agreeing with this statement: "Mathematics is useful for solving everyday problems." No standard errors are reported here for aggregated data.
³ 1994 Data.
⁴ Local board determines policy.
⁵ No statewide policy.
⁶ 1996 Data.
⁷ Semester credits.

⁸ 1998 Data.
⁹ Varies by district.
¹⁰ Includes math and science courses.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Assessment of Educational Progress (NAEP), 2003 Mathematics Assessment*, prepared by Educational Testing Service (columns 6 to 9); and Council of Chief State School Officers, *Key State Education Policies on PK-12 Education: 2002 (columns 2 to 5)*. (This table was prepared August 2004.)

Table 127. Average science scale score, by age and selected student and school characteristics: Selected years, 1970 to 1999

Selected student and school characteristics	1970 ¹	1973	1977	1982	1986	1990	1992	1994	1996	1999
1	2	3	4	5	6	7	8	9	10	11
9-year-olds										
Total	225 (1.2)	220 (1.2)	219.9 (1.2)	220.8 (1.8)	224.3 (1.2)	228.7 (0.8)	230.6 (1.0)	231.0 (1.2)	229.7 (1.2)	229.4 (0.9)
Sex										
Male	228 (1.3)	223 (1.3)	222.1 (1.3)	221.0 (2.3)	227.3 (1.4)	230.3 (1.1)	234.7 (1.2)	232.2 (1.3)	231.5 (1.7)	230.9 (1.3)
Female	223 (1.2)	218 (1.2)	217.6 (1.2)	220.7 (2.0)	221.3 (1.4)	227.1 (1.0)	226.7 (1.0)	230.0 (1.4)	228.0 (1.5)	227.9 (1.1)
Race/ethnicity										
White, non-Hispanic	236 (0.9)	231 (0.9)	229.6 (0.9)	229.0 (1.9)	231.9 (1.2)	237.5 (0.8)	239.1 (1.0)	240.3 (1.3)	239.0 (1.4)	239.6 (0.9)
Black, non-Hispanic	179 (1.9)	177 (1.9)	174.8 (1.8)	187.0 (3.0)	196.2 (1.9)	196.4 (2.0)	200.3 (2.7)	201.4 (1.7)	201.9 (3.0)	198.9 (2.5)
Hispanic	— (—)	— (—)	191.9 (2.7)	189.0 (4.2)	199.4 (3.1)	206.2 (2.2)	204.7 (2.8)	201.0 (2.7)	207.1 (2.8)	206.1 (2.2)
Type of school										
Public	— (—)	— (—)	218.0 (1.4)	219.7 (2.0)	222.6 (1.4)	227.7 (0.9)	229.1 (1.0)	229.5 (1.4)	228.5 (1.3)	228.0 (0.9)
Private	— (—)	— (—)	234.6 (2.2)	231.5 (3.2)	233.0 (2.9)	236.8 (2.4)	240.2 (2.7)	242.2 (2.8)	237.9 (4.1)	238.9 (2.6)
Region										
Northeast	230 (2.9)	222 (2.9)	224.4 (1.6)	221.8 (2.9)	228.2 (3.5)	231.1 (2.4)	234.4 (2.8)	234.6 (2.5)	233.6 (2.6)	237.8 (2.8)
Southeast	206 (1.6)	207 (1.6)	205.1 (2.9)	213.9 (3.6)	218.8 (3.1)	219.9 (1.9)	222.8 (1.7)	227.4 (2.2)	224.1 (3.4)	223.1 (3.2)
Central	233 (3.0)	228 (3.0)	225.2 (2.2)	226.3 (3.5)	227.9 (2.2)	234.2 (1.7)	237.5 (1.8)	236.2 (2.7)	233.7 (2.4)	233.0 (1.8)
West	226 (2.2)	221 (2.2)	220.9 (2.2)	219.9 (4.1)	222.1 (3.2)	229.5 (1.8)	227.4 (2.2)	226.4 (2.7)	228.0 (1.9)	224.3 (1.4)
13-year-olds										
Total	255 (1.1)	250 (1.1)	247.4 (1.1)	250.1 (1.3)	251.4 (1.4)	255.2 (0.9)	258.0 (0.8)	256.8 (1.0)	256.0 (1.0)	255.8 (0.7)
Sex										
Male	257 (1.3)	252 (1.3)	251.1 (1.3)	255.6 (1.5)	256.1 (1.6)	258.5 (1.1)	260.1 (1.2)	259.4 (1.2)	260.5 (1.0)	258.7 (0.9)
Female	253 (1.2)	247 (1.2)	243.7 (1.2)	245.0 (1.3)	246.9 (1.5)	251.8 (1.1)	256.0 (1.0)	254.3 (1.2)	251.7 (1.3)	252.9 (1.0)
Race/ethnicity										
White, non-Hispanic	263 (0.8)	259 (0.8)	256.1 (0.8)	257.3 (1.1)	259.2 (1.4)	264.1 (0.9)	267.1 (1.0)	266.5 (1.0)	265.9 (1.1)	265.8 (0.8)
Black, non-Hispanic	215 (2.4)	205 (2.4)	208.1 (2.4)	217.1 (1.3)	221.6 (2.5)	225.7 (3.1)	224.4 (2.7)	223.9 (4.2)	225.7 (2.1)	226.9 (2.4)
Hispanic	— (—)	— (—)	213.4 (1.9)	225.5 (3.9)	226.1 (3.1)	231.6 (2.6)	237.5 (2.6)	232.1 (2.4)	232.2 (2.5)	227.2 (1.9)
Parents' highest level of education										
Not high school graduate	— (—)	— (—)	223.5 (1.3)	225.3 (1.9)	229.4 (2.7)	232.9 (2.1)	233.8 (2.9)	234.3 (2.5)	229.8 (3.1)	229.3 (2.8)
Graduated high school	— (—)	— (—)	245.3 (1.1)	243.1 (1.3)	244.8 (1.4)	247.3 (1.3)	246.4 (1.4)	247.1 (1.2)	247.6 (1.7)	243.2 (1.4)
Some college	— (—)	— (—)	260.3 (1.3)	258.8 (1.5)	257.8 (1.4)	262.8 (1.2)	265.9 (1.1)	260.4 (2.0)	260.6 (1.4)	260.9 (1.3)
Graduated college	— (—)	— (—)	266.4 (1.0)	263.5 (1.5)	264.4 (1.9)	267.5 (1.1)	269.2 (1.0)	268.8 (1.3)	266.4 (1.2)	267.7 (1.0)
Type of school										
Public	— (—)	— (—)	245.2 (1.2)	248.5 (1.4)	250.9 (1.4)	253.6 (1.1)	257.2 (1.0)	255.4 (1.1)	254.5 (1.1)	254.0 (1.1)
Private	— (—)	— (—)	267.7 (2.1)	263.7 (3.2)	263.1 (6.4)	269.0 (1.8)	264.5 (2.4)	267.6 (2.6)	267.8 (5.0)	269.3 (2.7)
Region										
Northeast	261 (2.2)	256 (2.2)	255.2 (2.3)	254.1 (2.1)	257.6 (3.1)	256.8 (2.7)	256.8 (2.2)	262.7 (1.7)	254.7 (3.0)	257.6 (2.4)
Southeast	239 (2.4)	237 (2.4)	235.1 (1.8)	238.7 (2.3)	247.1 (2.2)	251.3 (1.9)	254.2 (2.8)	252.6 (2.6)	250.8 (2.7)	251.0 (2.2)
Central	262 (1.8)	256 (1.8)	253.8 (1.8)	253.8 (2.6)	249.4 (5.3)	260.4 (2.8)	262.5 (2.1)	261.1 (3.5)	265.7 (1.8)	259.9 (1.9)
West	255 (1.8)	248 (1.8)	243.0 (2.3)	252.4 (2.8)	252.3 (2.7)	252.6 (2.1)	258.0 (1.6)	252.2 (2.1)	253.6 (1.8)	254.2 (1.5)
17-year-olds										
Total	305 (1.0)	296 (1.0)	289.5 (1.0)	283.3 (1.2)	288.5 (1.4)	290.4 (1.1)	294.1 (1.3)	294.0 (1.6)	295.7 (1.2)	295.3 (1.3)
Sex										
Male	314 (1.2)	304 (1.2)	297.0 (1.2)	291.9 (1.4)	294.9 (1.9)	295.6 (1.3)	299.1 (1.7)	299.5 (2.0)	299.7 (1.6)	300.4 (1.6)
Female	297 (1.1)	288 (1.1)	282.2 (1.1)	275.2 (1.3)	282.3 (1.5)	285.4 (1.6)	289.0 (1.5)	288.9 (1.7)	291.8 (1.4)	290.6 (1.5)
Race/ethnicity										
White, non-Hispanic	312 (0.8)	304 (0.8)	297.7 (0.7)	293.1 (1.0)	297.5 (1.7)	300.9 (1.1)	304.2 (1.3)	306.0 (1.5)	306.8 (1.2)	306.2 (1.3)
Black, non-Hispanic	258 (1.5)	250 (1.5)	240.2 (1.5)	234.7 (1.7)	252.8 (2.9)	253.0 (4.5)	256.2 (3.2)	256.8 (3.1)	260.3 (2.4)	254.4 (2.9)
Hispanic	— (—)	— (—)	262.3 (2.2)	248.7 (2.3)	259.3 (3.8)	261.5 (4.4)	270.2 (5.6)	261.4 (6.7)	269.3 (3.3)	276.0 (4.2)
Parents' highest level of education										
Not high school graduate	— (—)	— (—)	265.3 (1.3)	258.5 (2.4)	257.5 (3.1)	261.4 (2.8)	262.0 (3.8)	255.8 (4.2)	259.3 (4.0)	264.0 (3.7)
Graduated high school	— (—)	— (—)	284.4 (0.8)	275.2 (1.6)	277.0 (2.0)	276.3 (1.4)	280.2 (2.4)	279.2 (1.7)	282.2 (2.5)	280.8 (2.0)
Some college	— (—)	— (—)	295.6 (1.1)	290.1 (1.7)	295.1 (2.5)	296.5 (1.6)	295.9 (1.7)	294.8 (1.9)	297.1 (1.9)	296.5 (2.1)
Graduated college	— (—)	— (—)	309.3 (1.0)	300.2 (1.7)	303.8 (2.1)	305.5 (1.7)	308.3 (1.3)	310.6 (1.6)	307.8 (1.5)	307.2 (1.5)
Type of school										
Public	— (—)	— (—)	288.2 (1.0)	282.3 (1.1)	287.1 (1.6)	289.0 (1.1)	292.2 (1.3)	291.7 (1.5)	294.9 (1.2)	293.4 (1.3)
Private	— (—)	— (—)	308.4 (2.4)	292.0 (2.9)	321.3 (10.1)	307.8 (6.6)	311.7 (3.7)	310.4 (4.8)	303.6 (5.5)	311.4 (4.9)
Region										
Northeast	308 (2.5)	298 (2.5)	296.3 (2.2)	284.4 (2.0)	292.2 (4.3)	292.6 (3.2)	300.1 (2.4)	298.9 (4.2)	296.0 (3.3)	300.6 (3.2)
Southeast	287 (2.3)	283 (2.3)	276.4 (1.9)	276.3 (2.7)	283.5 (2.0)	283.6 (2.4)	283.0 (2.5)	287.8 (3.8)	287.8 (3.1)	286.1 (2.7)
Central	308 (1.9)	300 (1.9)	294.0 (1.5)	289.3 (2.6)	294.4 (2.3)	299.6 (3.0)	304.2 (2.7)	297.8 (2.7)	307.3 (2.6)	296.2 (2.4)
West	308 (1.7)	295 (1.7)	286.5 (1.5)	280.9 (2.7)	283.2 (3.8)	285.8 (2.3)	290.4 (3.8)	291.8 (4.1)	291.7 (2.4)	297.8 (2.7)

—Not available.

¹Data for 17-year-olds are for 1969.

NOTE: Excludes persons not enrolled in school and those who were unable to be tested due to limited proficiency in English or due to a disability. These test scores are from the National Assessment of Educational Progress (NAEP). A score of 150 implies knowledge of some general scientific facts of the type that could be learned from everyday experiences. A score of 200 implies development of some understanding of simple scientific principles, particularly in the life sciences. A score of 250 implies an ability to interpret data from simple tables and make inferences about the outcomes of experimental procedures. They exhibit knowledge and understanding of the life sciences and also demonstrate some knowledge of basic information from the physical sciences. A score

of 300 implies an ability to evaluate the appropriateness of the design of an experiment and have the skill to apply their scientific knowledge in interpreting information from text and graphs. These students also exhibit a growing understanding of principles from the physical sciences. A score of 350 implies an ability to infer relationships and draw conclusions using detailed scientific knowledge from the physical sciences, particularly chemistry. They also can apply basic principles of genetics and interpret the societal implications of research in this field. Scale ranges from 0 to 500. Totals include other racial/ethnic groups not shown separately. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared November 2001.)

Table 129. Average scale score in science for 8th-graders in public schools, by selected student characteristics, region, and state: 1996 and 2000

Region, state or other area	Average scale score		Sex, 2000		Race/ethnicity, 2000					National School Lunch Program eligibility, 2000		
	1996	2000	Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Eligible	Not eligible	Information not available
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	148 (0.9)	149 (0.7)	153 (0.8)	146 (0.9)	160 (0.8)	121 (1.3)	127 (1.4)	154 (2.7)	132 (3.4)	127 (1.1)	160 (0.9)	151 (2.1)
Region												
Northeast	149 (2.9)	152 (1.8)	157 (2.0)	146 (2.3)	162 (1.9)	122 (3.3)	128 (2.4)	158 (4.8)	(¹) (¹)	127 (2.8)	163 (2.2)	² 154 (4.3)
Southeast	141 (1.9)	143 (1.5)	145 (1.8)	141 (1.6)	157 (1.3)	120 (2.0)	130 (3.5)	(¹) (¹)	(¹) (¹)	126 (1.9)	155 (1.4)	² 137 (5.9)
Central	155 (2.7)	157 (1.8)	159 (2.4)	154 (2.0)	163 (1.7)	121 (3.9)	129 (5.4)	(¹) (¹)	(¹) (¹)	135 (4.3)	165 (1.7)	² 156 (2.5)
West	148 (2.2)	146 (1.4)	150 (1.5)	141 (1.8)	159 (1.5)	123 (2.9)	125 (1.9)	150 (4.7)	² 129 (3.9)	125 (2.1)	156 (1.5)	² 148 (4.6)
State												
Alabama	139 (1.6)	141 (1.9)	144 (2.1)	139 (2.0)	154 (1.5)	116 (2.4)	106 (6.3)	(¹) (¹)	(¹) (¹)	124 (2.2)	153 (1.8)	² 152 (4.7)
Alaska ³	153 (1.3)	—	—	—	—	—	—	—	—	—	—	—
Arizona	145 (1.6)	146 (1.6)	150 (1.9)	142 (2.0)	159 (1.2)	127 (4.7)	126 (2.6)	(¹) (¹)	137 (4.0)	127 (3.1)	156 (1.3)	² 148 (3.0)
Arkansas ³	144 (1.3)	143 (1.3)	144 (1.9)	142 (1.5)	154 (1.3)	113 (2.2)	118 (5.2)	(¹) (¹)	(¹) (¹)	127 (2.4)	153 (1.4)	² 139 (11.1)
California ⁴	138 (1.7)	132 (1.5)	136 (2.3)	129 (1.7)	150 (1.7)	120 (5.2)	117 (1.7)	147 (4.0)	(¹) (¹)	113 (2.3)	145 (2.1)	² 135 (5.9)
Colorado	155 (0.9)	—	—	—	—	—	—	—	—	—	—	—
Connecticut	155 (1.3)	154 (1.4)	158 (1.9)	150 (1.5)	166 (0.9)	122 (3.2)	129 (3.0)	160 (5.0)	(¹) (¹)	125 (3.5)	163 (1.3)	² 147 (6.9)
Delaware	142 (0.8)	—	—	—	—	—	—	—	—	—	—	—
District of Columbia	113 (0.7)	—	—	—	—	—	—	—	—	—	—	—
Florida	142 (1.6)	—	—	—	—	—	—	—	—	—	—	—
Georgia	142 (1.4)	144 (1.5)	147 (1.9)	140 (1.4)	159 (1.7)	123 (1.5)	124 (4.1)	(¹) (¹)	(¹) (¹)	125 (1.8)	155 (1.9)	² 145 (3.5)
Hawaii	135 (0.7)	132 (1.2)	133 (1.6)	131 (1.4)	149 (2.5)	128 (3.5)	119 (2.7)	132 (1.4)	(¹) (¹)	119 (2.1)	142 (1.0)	139 (4.3)
Idaho ⁴	—	159 (1.1)	162 (1.3)	155 (1.5)	162 (1.2)	(¹) (¹)	135 (2.6)	(¹) (¹)	(¹) (¹)	149 (2.1)	164 (1.1)	155 (3.9)
Illinois ⁴	—	150 (1.9)	153 (2.6)	148 (1.8)	165 (1.5)	123 (3.4)	131 (3.2)	162 (3.7)	(¹) (¹)	126 (2.6)	162 (1.6)	² 152 (5.5)
Indiana ⁴	153 (1.4)	156 (1.7)	158 (1.8)	154 (1.8)	161 (1.3)	² 127 (3.4)	132 (6.4)	(¹) (¹)	(¹) (¹)	139 (3.9)	161 (1.5)	² 149 (4.6)
Iowa ³	158 (1.2)	—	—	—	—	—	—	—	—	—	—	—
Kentucky	147 (1.2)	152 (1.3)	155 (1.7)	148 (1.3)	155 (1.3)	126 (2.9)	(¹) (¹)	(¹) (¹)	(¹) (¹)	139 (1.7)	160 (1.2)	(¹) (¹)
Louisiana	132 (1.6)	136 (1.7)	138 (2.1)	134 (1.8)	154 (1.4)	113 (2.0)	119 (4.7)	(¹) (¹)	(¹) (¹)	122 (2.2)	155 (1.8)	² 133 (4.0)
Maine ⁴	163 (1.0)	160 (1.0)	163 (1.3)	157 (1.2)	161 (1.0)	(¹) (¹)	(¹) (¹)	(¹) (¹)	(¹) (¹)	150 (2.1)	163 (1.1)	² 155 (2.6)
Maryland ³	145 (1.5)	149 (1.3)	152 (1.5)	147 (1.4)	163 (1.1)	127 (1.7)	135 (3.3)	170 (3.2)	(¹) (¹)	127 (2.3)	158 (1.3)	² 138 (4.5)
Massachusetts	157 (1.4)	161 (1.6)	162 (1.8)	160 (1.7)	168 (1.1)	134 (4.0)	128 (4.0)	165 (3.9)	(¹) (¹)	134 (3.8)	168 (1.3)	² 164 (5.9)
Michigan ^{3,4}	153 (1.4)	156 (1.7)	158 (1.7)	154 (2.0)	164 (1.3)	120 (3.4)	137 (4.1)	(¹) (¹)	(¹) (¹)	134 (3.3)	164 (1.6)	² 152 (4.2)
Minnesota ⁴	159 (1.3)	160 (2.1)	162 (2.6)	158 (2.4)	165 (1.3)	² 122 (9.0)	136 (7.0)	(¹) (¹)	(¹) (¹)	141 (5.0)	165 (1.5)	² 164 (4.5)
Mississippi	133 (1.4)	134 (1.2)	136 (1.3)	132 (1.4)	150 (1.3)	114 (1.2)	113 (4.6)	(¹) (¹)	(¹) (¹)	120 (1.3)	149 (1.4)	² 138 (2.9)
Missouri	151 (1.2)	156 (1.1)	159 (1.3)	154 (1.3)	162 (1.1)	125 (2.8)	141 (4.4)	(¹) (¹)	(¹) (¹)	140 (1.9)	164 (1.2)	² 153 (4.9)
Montana ^{3,4}	162 (1.2)	165 (1.2)	169 (1.5)	161 (1.4)	168 (0.9)	(¹) (¹)	151 (4.2)	(¹) (¹)	143 (4.7)	155 (2.1)	170 (1.4)	168 (2.1)
Nebraska	157 (1.0)	157 (1.0)	160 (1.4)	154 (1.6)	162 (0.9)	129 (3.8)	132 (4.2)	(¹) (¹)	(¹) (¹)	142 (2.2)	162 (1.1)	² 161 (2.8)
Nevada	—	143 (1.1)	145 (1.6)	142 (1.2)	154 (0.8)	125 (3.0)	126 (2.4)	148 (2.5)	134 (4.5)	126 (1.9)	150 (0.9)	144 (4.2)
New Mexico	141 (1.0)	140 (1.6)	144 (2.4)	137 (1.4)	160 (1.5)	(¹) (¹)	130 (1.9)	(¹) (¹)	124 (5.3)	130 (1.9)	152 (1.6)	142 (4.1)
New York ^{3,4}	146 (1.6)	149 (2.4)	151 (2.9)	147 (2.3)	165 (1.7)	128 (4.1)	125 (5.6)	151 (5.4)	(¹) (¹)	132 (4.4)	161 (2.3)	147 (7.1)
North Carolina	147 (1.2)	147 (1.5)	151 (1.6)	144 (1.7)	158 (1.5)	123 (1.9)	139 (4.7)	158 (5.7)	(¹) (¹)	128 (1.8)	155 (1.5)	² 150 (10.6)
North Dakota	162 (0.8)	161 (0.9)	163 (1.1)	159 (1.2)	164 (0.9)	(¹) (¹)	139 (4.5)	(¹) (¹)	133 (2.7)	149 (2.1)	166 (1.0)	158 (1.4)
Ohio	—	161 (1.5)	164 (1.8)	157 (1.7)	165 (1.3)	131 (3.6)	147 (4.5)	(¹) (¹)	(¹) (¹)	144 (3.4)	166 (1.4)	² 151 (6.9)
Oklahoma	—	149 (1.2)	152 (1.6)	146 (1.2)	156 (1.1)	127 (2.6)	123 (5.2)	(¹) (¹)	145 (2.2)	137 (2.3)	158 (1.1)	² 148 (5.2)
Oregon ⁴	155 (1.6)	154 (1.6)	155 (1.9)	153 (1.6)	160 (1.4)	131 (4.8)	128 (3.1)	157 (4.4)	144 (3.9)	138 (2.7)	160 (1.6)	² 159 (2.1)
Rhode Island	149 (0.8)	150 (1.3)	152 (1.1)	147 (2.1)	156 (0.8)	128 (3.3)	127 (5.7)	143 (4.0)	(¹) (¹)	130 (3.3)	158 (0.8)	136 (4.6)
South Carolina ³	139 (1.5)	142 (1.3)	145 (1.6)	139 (1.5)	155 (1.7)	122 (1.5)	123 (5.2)	(¹) (¹)	(¹) (¹)	126 (1.4)	155 (1.6)	(¹) (¹)
Tennessee	143 (1.8)	146 (1.5)	149 (1.9)	143 (1.7)	155 (1.2)	118 (2.3)	123 (6.3)	(¹) (¹)	(¹) (¹)	129 (2.0)	155 (1.7)	² 147 (6.1)
Texas	145 (1.8)	144 (1.5)	147 (1.7)	141 (1.7)	159 (2.0)	122 (3.2)	132 (1.9)	162 (5.4)	(¹) (¹)	128 (1.8)	156 (1.9)	² 137 (7.7)
Utah	156 (0.8)	155 (0.9)	158 (1.5)	153 (1.0)	159 (0.9)	(¹) (¹)	135 (3.0)	152 (5.4)	(¹) (¹)	142 (2.1)	159 (0.9)	158 (1.9)
Vermont ^{3,4}	157 (1.0)	161 (0.9)	163 (1.2)	159 (1.2)	162 (1.0)	(¹) (¹)	(¹) (¹)	(¹) (¹)	(¹) (¹)	144 (2.6)	165 (0.9)	² 163 (2.2)
Virginia	149 (1.6)	152 (1.2)	156 (1.6)	148 (1.3)	161 (1.3)	130 (1.9)	138 (3.0)	169 (3.9)	(¹) (¹)	130 (2.3)	159 (1.2)	² 150 (5.4)
Washington	150 (1.3)	—	—	—	—	—	—	—	—	—	—	—
West Virginia	147 (0.9)	150 (1.1)	153 (1.4)	147 (1.2)	151 (1.1)	125 (3.6)	(¹) (¹)	(¹) (¹)	(¹) (¹)	138 (1.5)	158 (1.0)	² 151 (5.0)
Wisconsin ³	160 (1.7)	—	—	—	—	—	—	—	—	—	—	—
Wyoming	158 (0.6)	158 (1.0)	159 (1.4)	156 (1.2)	161 (0.8)	(¹) (¹)	139 (3.1)	(¹) (¹)	² 141 (4.4)	147 (2.2)	161 (0.9)	² 159 (3.6)
Department of Defense dependents schools:												
Domestic schools	153 (1.1)	159 (1.2)	160 (1.8)	157 (1.7)	169 (2.0)	140 (2.6)	156 (2.7)	(¹) (¹)	(¹) (¹)	153 (2.1)	163 (1.6)	158 (3.4)
Overseas schools	155 (0.7)	159 (0.8)	162 (1.3)	156 (1.0)	168 (1.1)	142 (1.5)	153 (2.5)	160 (2.1)	(¹) (¹)	155 (2.4)	161 (1.0)	158 (1.4)
Outlying area												
American Samoa	—	72 (2.3)	70 (3.8)	75 (3.2)	(¹) (¹)	(¹) (¹)	55 (3.7)	90 (3.8)	(¹) (¹)	72 (2.3)	(¹) (¹)	(¹) (¹)
Guam	120 (1.1)	114 (4.5)	116 (4.7)	112 (4.7)	(¹) (¹)	(¹) (¹)	97 (9.2)	119 (2.7)	(¹) (¹)	96 (7.5)	119 (2.9)	104 (12.8)

—Not available.

¹Sample size is insufficient to permit a reliable estimate.

²The nature of the sample does not allow accurate determination of the variability of the statistic.

³Did not satisfy one or more of the guidelines for school sample participation rates in 1996. Data are subject to appreciable nonresponse bias.

⁴Did not satisfy one or more of the guidelines for school sample participation rates in 2000. Data are subject to appreciable nonresponse bias.

NOTE: Excludes students unable to be tested due to limited proficiency in English or due to a disability (and the accommodations provided were not sufficient to enable the

test to properly reflect the students' science proficiency). These test scores are from the National Assessment of Educational Progress (NAEP). Scale ranges from 0 to 300. Some data have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Science Report Card for the Nation and the States*; NAEP Data Tool (<http://nces.ed.gov/nationsreportcard/naepdata>); and unpublished data, prepared by Educational Testing Service. (This table was prepared May 2002).

Table 130. Performance of 8th-grade students in music, visual arts, and theatre, by selected characteristics of students: 1997

Selected characteristic of students	Music			Visual arts		Theatre	
	Average creating score (0 to 100 percent)	Average performing score (0 to 100 percent)	Average responding scale score (0-300)	Average creating score (0 to 100 percent)	Average responding scale score (0-300)	Average creating/performing score (0 to 100 percent)	Average responding scale score (0-300)
1	2	3	4	5	6	7	8
All students	34 (1.1)	34 (1.2)	150 (1.3)	43 (0.7)	150 (1.1)	49 (2.0)	150 (5.7)
Sex							
Male	32 (1.0)	27 (1.4)	140 (1.5)	42 (0.7)	146 (1.5)	46 (2.2)	140 (6.6)
Female	37 (1.6)	40 (1.5)	160 (1.6)	45 (0.9)	154 (1.4)	52 (2.1)	158 (5.6)
Race/ethnicity							
White, non-Hispanic	36 (1.2)	36 (1.4)	158 (1.4)	46 (0.9)	159 (1.3)	52 (1.9)	159 (4.4)
Black, non-Hispanic	34 (3.6)	30 (1.9)	130 (2.3)	37 (1.8)	124 (2.0)	39 (2.2)	120 (10.1)
Hispanic	29 (2.7)	24 (3.7)	127 (3.5)	38 (1.3)	128 (2.0)	44 (2.5)	139 (6.2)
Asian	31 (3.8)	‡ (‡)	152 (6.2)	45 (1.6)	153 (6.4)	‡ (‡)	‡ (‡)
Parents' highest level of education							
Not high school graduate	24 (2.5)	21 (2.4)	129 (3.5)	36 (1.4)	125 (2.4)	42 (2.1)	131 (4.4)
Graduated high school	29 (2.0)	29 (2.4)	139 (1.3)	41 (1.1)	138 (1.8)	42 (1.9)	130 (8.5)
Some college	35 (1.3)	34 (2.4)	150 (1.8)	44 (0.8)	153 (1.8)	49 (1.8)	153 (5.1)
Graduated college	39 (1.3)	39 (1.5)	159 (1.7)	46 (0.7)	158 (1.4)	52 (2.2)	157 (5.6)
Region							
Northeast	39 (2.0)	34 (2.6)	153 (4.0)	45 (1.5)	152 (4.0)	‡ (‡)	‡ (‡)
Southeast	30 (2.7)	33 (2.4)	139 (2.7)	42 (1.0)	143 (3.3)	‡ (‡)	‡ (‡)
Central	36 (1.4)	33 (2.1)	157 (3.0)	45 (1.8)	157 (3.5)	‡ (‡)	‡ (‡)
West	33 (2.3)	35 (2.9)	152 (3.0)	43 (1.3)	149 (2.6)	51 (2.1)	157 (5.3)

‡ Reporting standards not met.

NOTE: Excludes students unable to be tested due to limited proficiency in English or due to a disability (and the accommodations provided were not sufficient to enable the test to properly reflect the students' proficiency in the arts). Creating refers to expressing ideas and feelings in the form of an original work of art, for example, a dance, a piece of music, a dramatic improvisation, or a sculpture. Performing refers to performing an

existing work, a process that calls upon the interpretive or recreative skills of the student. Responding refers to observing, describing, analyzing, and evaluating works of art. Includes public and private schools. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *The NAEP 1997 Arts Report Card*. (This table was prepared November 1998.)

Table 131. Scholastic Assessment Test (SAT) score averages, for college-bound seniors, by race/ethnicity: Selected years, 1986–87 to 2002–03

Racial/ethnic background	1986–87	1990–91	1995–96	1996–97	1999–2000	2000–01	2001–02	2002–03	Score change					
									1986–87 to 1996–97	1990–91 to 2000–01	1995–96 to 1996–97	1999–2000 to 2000–01	2000–01 to 2001–02	2001–02 to 2002–03
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SAT-Verbal														
All students	507	499	505	505	505	506	504	507	-2	7	0	1	-2	3
White	524	518	526	526	528	529	527	529	2	11	0	1	-2	2
Black	428	427	434	434	434	433	430	431	6	6	0	-1	-3	1
Hispanic or Latino	464	458	465	466	461	460	458	457	2	2	1	-1	-2	-1
Mexican American	457	454	455	451	453	451	446	448	-6	-3	-4	-2	-5	2
Puerto Rican	436	436	452	454	456	457	455	456	18	21	2	1	-2	1
Asian American	479	485	496	496	499	501	501	508	17	16	0	2	0	7
American Indian	471	470	483	475	482	481	479	480	4	11	-8	-1	-2	1
Other	480	486	511	512	508	503	502	501	32	17	1	-5	-1	-1
SAT-Mathematical														
All students	501	500	508	511	514	514	516	519	10	14	3	0	2	3
White	514	513	523	526	530	531	533	534	12	18	3	1	2	1
Black	411	419	422	423	426	426	427	426	12	7	1	0	1	-1
Hispanic or Latino	462	462	466	468	467	465	464	464	6	3	2	-2	-1	0
Mexican American	455	459	459	458	460	458	457	457	3	-1	-1	-2	-1	0
Puerto Rican	432	439	445	447	451	451	451	453	15	12	2	0	0	2
Asian American	541	548	558	560	565	566	569	575	19	18	2	1	3	6
American Indian	463	468	477	475	481	479	483	482	12	11	-2	-2	4	-1
Other	482	492	512	514	515	512	514	513	32	20	2	-3	2	-1

NOTE: Scholastic Assessment Test was formerly known as the Scholastic Aptitude Test. Possible scores on each part of the SAT range from 200 to 800.

SOURCE: College Entrance Examination Board, *National Report on College-Bound Seniors*, selected years 1986–87 through 2002–03. (Copyright © 2003 by the College Entrance Examination Board. All rights reserved.) (This table was prepared August 2003.)

Table 132. Scholastic Assessment Test score averages for college-bound seniors, by sex: 1966–67 to 2002–03

School year	Scholastic Assessment Test I ¹ (recentered scale) ²						Scholastic Aptitude Test (old scale)					
	Verbal score			Mathematical score			Verbal score			Mathematical score		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
1966–67	543	540	545	516	535	495	466	463	468	492	514	467
1967–68	543	541	543	516	533	497	466	464	466	492	512	470
1968–69	540	536	543	517	534	498	463	459	466	493	513	470
1969–70	537	536	538	512	531	493	460	459	461	488	509	465
1970–71	532	531	534	513	529	494	455	454	457	488	507	466
1971–72	530	531	529	509	527	489	453	454	452	484	505	461
1972–73	523	523	521	506	525	489	445	446	443	481	502	460
1973–74	521	524	520	505	524	488	444	447	442	480	501	459
1974–75	512	515	509	498	518	479	434	437	431	472	495	449
1975–76	509	511	508	497	520	475	431	433	430	472	497	446
1976–77	507	509	505	496	520	474	429	431	427	470	497	445
1977–78	507	511	503	494	517	474	429	433	425	468	494	444
1978–79	505	509	501	493	516	473	427	431	423	467	493	443
1979–80	502	506	498	492	515	473	424	428	420	466	491	443
1980–81	502	508	496	492	516	473	424	430	418	466	492	443
1981–82	504	509	499	493	516	473	426	431	421	467	493	443
1982–83	503	508	498	494	516	474	425	430	420	468	493	445
1983–84	504	511	498	497	518	478	426	433	420	471	495	449
1984–85	509	514	503	500	522	480	431	437	425	475	499	452
1985–86	509	515	504	500	523	479	431	437	426	475	501	451
1986–87	507	512	502	501	523	481	430	435	425	476	500	453
1987–88	505	512	499	501	521	483	428	435	422	476	498	455
1988–89	504	510	498	502	523	482	427	434	421	476	500	454
1989–90	500	505	496	501	521	483	424	429	419	476	499	455
1990–91	499	503	495	500	520	482	422	426	418	474	497	453
1991–92	500	504	496	501	521	484	423	428	419	476	499	456
1992–93	500	504	497	503	524	484	424	428	420	478	502	457
1993–94	499	501	497	504	523	487	423	425	421	479	501	460
1994–95	504	505	502	506	525	490	428	429	426	482	503	463
1995–96	505	507	503	508	527	492	—	—	—	—	—	—
1996–97	505	507	503	511	530	494	—	—	—	—	—	—
1997–98	505	509	502	512	531	496	—	—	—	—	—	—
1998–99	505	509	502	511	531	495	—	—	—	—	—	—
1999–2000	505	507	504	514	533	498	—	—	—	—	—	—
2000–01	506	509	502	514	533	498	—	—	—	—	—	—
2001–02	504	507	502	516	534	500	—	—	—	—	—	—
2002–03	507	512	503	519	537	503	—	—	—	—	—	—

—Not available.

¹ Formerly known as the Scholastic Aptitude Test.² Data for 1967 to 1986 were converted to the recentered scale by using a formula applied to the original mean and standard deviation. For 1987 to 1995, individual student scores were converted to the recentered scale and recomputed. For 1996 to 2002, most students received scores on the recentered scale score. Any score on the original scale was converted to the recentered scale prior to recomputing the mean.

NOTE: Possible scores on each part of the SAT range from 200 to 800. Data for the years 1966–67 through 1970–71 are estimates derived from the test scores of all participants.

SOURCE: College Entrance Examination Board, *National Report on College-Bound Seniors*, selected years 1966–67 through 2002–03. (Copyright © 2003 by the College Entrance Examination Board. All rights reserved.) (This table was prepared August 2003.)

**Table 133. Scholastic Assessment Test score averages for selected student characteristics:
Selected years, 1995–96 to 2002–03**

Selected characteristic	1995–96			1997–98			1999–2000			2002–03 ²	
	Verbal score	Mathematical score	Percentage distribution ¹	Verbal score	Mathematical score	Percentage distribution ¹	Verbal score	Mathematical score	Percentage distribution ¹	Verbal score	Mathematical score
1	2	3	4	5	6	7	8	9	10	11	12
All students	505	508	100	505	512	100	505	514	100	507	519
High school rank											
Top decile	591	606	22	590	607	‡	589	608	‡	585	607
Second decile	530	539	22	530	543	‡	528	543	‡	522	539
Second quintile	494	496	28	494	500	‡	493	500	‡	486	494
Third quintile	455	448	24	454	453	‡	455	453	‡	449	449
Fourth quintile	429	418	4	427	421	‡	425	419	‡	420	417
Fifth quintile	411	401	1	408	403	‡	408	401	‡	410	410
High school grade point average											
A+ (97–100)	617	632	6	613	629	7	610	628	7	607	625
A (93–96)	573	583	14	569	582	15	567	582	16	566	583
A– (90–92)	545	554	15	542	554	16	540	553	17	538	552
B (80–89)	486	485	49	483	487	48	482	486	47	480	485
C (70–79)	432	426	15	430	428	13	428	426	12	425	424
D, E, or F (below 70)	414	408	#	408	411	#	405	406	#	416	430
Intended college major											
Agriculture/natural resources	491	484	2	491	487	2	490	486	1	484	482
Architecture/environmental design	492	519	3	494	524	2	494	524	2	483	511
Arts: visual/performing	520	497	6	520	502	7	518	502	8	514	500
Biological sciences	546	545	6	545	546	6	544	548	5	543	553
Business and commerce	483	500	13	484	505	14	487	510	14	489	512
Communications	527	497	4	523	501	4	526	505	4	524	506
Computer or information sciences	497	522	3	500	529	5	499	533	6	503	535
Education	487	477	8	483	480	9	483	481	9	482	483
Engineering	525	569	8	525	571	9	523	573	8	525	574
Foreign/classical languages	556	534	#	552	538	1	558	539	1	564	545
General/interdisciplinary	576	553	#	568	549	#	562	545	#	547	539
Health and allied services	500	505	19	497	505	18	497	505	16	489	498
Home economics	458	452	#	458	459	#	462	462	#	462	462
Language and literature	605	545	1	605	549	1	608	552	1	603	550
Library and archival sciences	554	512	#	547	525	#	556	511	#	572	512
Mathematics	552	628	1	552	629	1	551	630	1	545	626
Military sciences	503	505	#	504	507	#	505	512	#	513	516
Philosophy/religion/theology	560	536	#	558	538	1	560	539	1	562	544
Physical sciences	575	595	1	571	592	1	569	592	1	563	588
Public affairs and services	458	448	3	459	453	3	459	454	3	462	458
Social sciences and history	532	509	11	531	512	11	532	513	11	531	514
Technical and vocational	435	441	1	440	448	1	442	452	1	441	450
Undecided	500	507	7	510	520	6	512	521	7	516	528
Degree level goal											
Certificate program	434	439	1	436	447	1	439	453	1	441	456
Associate degree	422	415	2	421	419	2	420	419	2	417	416
Bachelor's degree	476	476	23	475	480	23	478	483	25	475	481
Master's degree	514	518	29	513	523	31	515	526	31	513	524
Doctoral or related degree	548	552	24	548	554	23	547	554	22	542	552
Other	430	438	1	435	446	1	442	454	1	441	453
Undecided	502	503	20	505	510	19	508	514	19	514	523
Family income											
Less than \$10,000	429	444	4	427	446	5	425	447	‡	420	444
\$10,000, but less than \$20,000	456	464	8	451	463	9	447	460	‡	437	452
\$20,000, but less than \$30,000	482	482	10	477	482	11	471	478	‡	460	467
\$30,000, but less than \$40,000	497	495	12	495	497	13	490	493	‡	480	484
\$40,000, but less than \$50,000	509	507	10	506	509	11	503	505	‡	495	498
\$50,000, but less than \$60,000	517	517	9	514	518	11	511	515	‡	504	508
\$60,000, but less than \$70,000	524	525	7	521	525	9	517	522	‡	511	514
\$70,000, but less than \$80,000	531	533	6	527	532	8	524	530	‡	518	523
\$80,000 to \$100,000	541	544	7	539	546	9	536	543	‡	529	536
More than \$100,000	560	569	9	559	572	13	558	571	‡	555	568
Highest level of parental education											
No high school diploma	414	439	4	411	441	4	413	442	4	413	443
High school diploma	475	474	31	473	477	34	472	477	33	470	475
Associate degree	489	487	7	489	491	8	488	491	9	487	491
Bachelor's degree	525	529	25	525	532	28	525	533	29	525	534
Graduate degree	556	558	23	556	563	25	558	566	25	559	569

Rounds to zero.

‡ Reporting standards not met.

¹ Because of survey item nonresponse, percentage distributions may not add to 100 percent.

² Percentage distribution not reported since this year had less than 80 percent combined unit and item response rates.

NOTE: Scholastic Assessment Test was formerly known as the Scholastic Aptitude Test. Possible scores on each part of the SAT range from 200 to 800.

SOURCE: College Entrance Examination Board, *National Report on College-Bound Seniors*, selected years 1995–96 through 2002–03. (Copyright © 2003 by the College Entrance Examination Board. All rights reserved.) (This table was prepared August 2003.)

Table 134. Scholastic Assessment Test score averages, by state: Selected years, 1987–88 to 2002–03

State	1987–88		1995–96		1999–2000		2000–01		2001–02		2002–03		Percentage of graduates taking SAT, 2001–02	Percentage of graduates taking SAT, 2002–03
	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	505	501	505	508	505	514	506	514	504	516	507	519	46	48
Alabama	554	540	565	558	559	555	559	554	560	559	559	552	9	10
Alaska	518	501	521	513	519	515	514	510	516	519	518	518	52	55
Arizona	531	523	525	521	521	523	523	525	520	523	524	525	36	38
Arkansas	554	536	566	550	563	554	562	550	560	556	564	554	5	6
California	500	508	495	511	497	518	498	517	496	517	499	519	52	54
Colorado	537	532	536	538	534	537	539	542	543	548	551	553	28	27
Connecticut	513	498	507	504	508	509	509	510	509	509	512	514	83	84
Delaware	510	493	508	495	502	496	501	499	502	500	501	501	69	73
District of Columbia	479	461	489	473	494	486	482	474	480	473	484	474	76	77
Florida	499	495	498	496	498	500	498	499	496	499	498	498	57	61
Georgia	480	473	484	477	488	486	491	489	489	491	493	491	65	66
Hawaii	484	505	485	510	488	519	486	515	488	520	486	516	53	54
Idaho	543	523	543	536	540	541	543	542	539	541	540	540	18	18
Illinois	540	540	564	575	568	586	576	589	578	596	583	596	11	11
Indiana	490	486	494	494	498	501	499	501	498	503	500	504	62	63
Iowa	587	588	590	600	589	600	593	603	591	602	586	597	5	5
Kansas	568	557	579	571	574	580	577	580	578	580	578	582	9	9
Kentucky	551	535	549	544	548	550	550	550	550	552	554	552	12	13
Louisiana	551	533	559	550	562	558	564	562	561	559	563	559	8	8
Maine	508	493	504	498	504	500	506	500	503	502	503	501	69	70
Maryland	509	501	507	504	507	509	508	510	507	513	509	515	67	68
Massachusetts	508	499	507	504	511	513	511	515	512	516	516	522	81	82
Michigan	532	533	557	565	557	569	561	572	558	572	564	576	11	11
Minnesota	546	549	582	593	581	594	580	589	581	591	582	591	10	10
Mississippi	557	539	569	557	562	549	566	551	559	547	565	551	4	4
Missouri	547	539	570	569	572	577	577	577	574	580	582	583	8	8
Montana	547	547	546	547	543	546	539	539	541	547	538	543	23	26
Nebraska	562	561	567	568	560	571	562	568	561	570	573	578	8	8
Nevada	517	510	508	507	510	517	509	515	509	518	510	517	34	36
New Hampshire	523	511	520	514	520	519	520	516	519	519	522	521	73	75
New Jersey	500	495	498	505	498	513	499	513	498	513	501	515	82	85
New Mexico	553	543	554	548	549	543	551	542	551	543	548	540	14	14
New York	497	495	497	499	494	506	495	505	494	506	496	510	79	82
North Carolina	478	470	490	486	492	496	493	499	493	505	495	506	67	68
North Dakota	572	569	596	599	588	609	592	599	597	610	602	613	4	4
Ohio	529	521	536	535	533	539	534	539	533	540	536	541	27	28
Oklahoma	558	542	566	557	563	560	567	561	565	562	569	562	8	8
Oregon	517	507	523	521	527	527	526	526	524	528	526	527	56	57
Pennsylvania	502	489	498	492	498	497	500	499	498	500	500	502	72	73
Rhode Island	508	496	501	491	505	500	501	499	504	503	502	504	73	74
South Carolina	477	468	480	474	484	482	486	488	488	493	493	496	59	59
South Dakota	585	573	574	566	587	588	577	582	576	586	588	588	5	4
Tennessee	560	543	563	552	563	553	562	553	562	555	568	560	14	14
Texas	494	490	495	500	493	500	493	499	491	500	493	500	55	57
Utah	572	553	583	575	570	569	575	570	563	559	566	559	6	7
Vermont	514	499	506	500	513	508	511	506	512	510	515	512	69	70
Virginia	507	498	507	496	509	500	510	501	510	506	514	510	68	71
Washington	525	517	519	519	526	528	527	527	525	529	530	532	54	56
West Virginia	528	519	526	506	526	511	527	512	525	515	522	510	18	20
Wisconsin	549	551	577	586	584	597	584	596	583	599	585	594	7	7
Wyoming	550	545	544	544	545	545	547	545	531	537	548	549	11	11

NOTE: Scholastic Assessment Test was formerly known as the Scholastic Aptitude Test. The percent of graduates taking the SAT is based on the projection of high school graduates by the Western Interstate Commission for Higher Education, and number of students in the graduating class who took the SAT I: Reasoning Test. Possible scores on each part of the SAT range from 200 to 800. Rankings of states based on SAT

scores alone are invalid because of the varying proportions of students in each state taking the tests.

SOURCE: College Entrance Examination Board, "College-Bound Seniors: 2003 Profile of SAT Program Test Takers," (Copyright © 2003 by the College Entrance Examination Board. All rights reserved.) (This table was prepared August 2003.)

Table 135. American College Testing (ACT) score averages and standard deviations, by sex: Selected years, 1995 to 2002

Type of test	Number							Standard deviation					
	1995	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Participants:													
Total (in thousands)	945	959	995	1,019	1,065	1,070	1,116	†	†	†	†	†	†
	Average test score ¹												
Composite, total	20.8	21.0	21.0	21.0	21.0	21.0	20.8	4.7	4.7	4.7	4.7	4.7	4.8
Male	21.0	21.1	21.2	21.1	21.2	21.1	20.9	4.9	4.9	4.9	4.9	4.9	5.0
Female	20.7	20.8	20.9	20.9	20.9	20.9	20.7	4.6	4.6	4.6	4.6	4.6	4.7
English, total	20.2	20.3	20.4	20.5	20.5	20.5	20.2	5.4	5.4	5.5	5.5	5.6	5.8
Male	19.8	19.9	19.9	20.0	20.0	20.0	19.7	5.4	5.4	5.5	5.6	5.6	5.8
Female	20.6	20.7	20.8	20.9	20.9	20.8	20.6	5.4	5.4	5.5	5.5	5.6	5.7
Mathematics, total	20.2	20.6	20.8	20.7	20.7	20.7	20.6	5.0	5.1	5.0	5.0	5.0	5.0
Male	20.9	21.3	21.5	21.4	21.4	21.4	21.2	5.2	5.3	5.2	5.2	5.2	5.3
Female	19.7	20.1	20.2	20.2	20.2	20.2	20.1	4.7	4.8	4.7	4.8	4.7	4.8
Reading, total	21.3	21.3	21.4	21.4	21.4	21.3	21.1	6.1	6.0	6.0	6.1	6.0	6.1
Male	21.1	21.2	21.1	21.1	21.2	21.1	20.9	6.1	6.2	6.1	6.1	6.1	6.3
Female	21.4	21.5	21.6	21.6	21.5	21.5	21.3	6.0	5.9	5.9	6.0	6.0	6.1
Science reasoning, total	21.0	21.1	21.1	21.0	21.0	21.0	20.8	4.7	4.6	4.5	4.5	4.6	4.6
Male	21.6	21.7	21.8	21.5	21.6	21.6	21.3	4.9	4.9	4.8	4.8	4.9	4.9
Female	20.5	20.6	20.6	20.6	20.6	20.6	20.4	4.4	4.3	4.2	4.3	4.3	4.3
	Percent												
Obtaining composite scores of—													
27 or above ²	12	10	10	10	10	10	10	†	†	†	†	†	†
18 or below ³	35	26	25	25	25	25	27	†	†	†	†	†	†
Planned major field of study													
Business ⁴	13	12	12	12	11	11	10	†	†	†	†	†	†
Engineering ⁵	8	8	8	8	8	7	7	†	†	†	†	†	†
Social science ⁶	9	9	9	9	9	9	8	†	†	†	†	†	†
Education ⁷	8	9	9	9	9	8	8	†	†	†	†	†	†

† Not applicable.

¹ Minimum score, 1; maximum score, 36.

² Beginning in 1997, data are for scores of 28 or higher.

³ Beginning in 1997, data are for scores of 17 or lower.

⁴ Includes business and management, business and office, and marketing and distribution.

⁵ Includes engineering and engineering-related technologies.

⁶ Includes social science and philosophy, religion, and theology.

⁷ Includes education and teacher education.

SOURCE: The American College Testing program, *High School Profile Report*, selected years 1995 through 2002. (This table was prepared June 2003.)

Table 136. Distribution of elementary and secondary school children, by average grades, by selected child, and school characteristics: 1996 and 1999

Selected characteristic of children and schools 1	Distribution of children, by parental reports of average grades in all subjects							
	1996				1999			
	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's
	2	3	4	5	6	7	8	9
Total	39.5	37.7	18.5	4.2	40.3 (0.5)	37.7 (0.5)	17.8 (0.4)	4.3 (0.2)
Sex of child								
Male	32.5	38.3	23.5	5.7	33.7 (0.7)	38.3 (0.7)	21.9 (0.6)	6.2 (0.4)
Female	46.9	37.2	13.2	2.7	47.0 (0.8)	37.1 (0.8)	13.5 (0.5)	2.4 (0.2)
Race/ethnicity of child								
White, non-Hispanic	43.7	36.1	16.5	3.7	44.6 (0.7)	36.1 (0.7)	15.8 (0.5)	3.4 (0.3)
Black, non-Hispanic	27.0	41.0	26.2	5.8	27.5 (1.2)	40.3 (1.4)	26.4 (1.2)	5.8 (0.7)
Hispanic	31.9	43.6	19.6	4.9	33.3 (1.2)	42.7 (1.3)	17.4 (1.0)	6.5 (0.7)
Other non-Hispanic	44.7	33.7	17.1	4.5	45.8 (2.4)	35.8 (2.4)	14.2 (2.0)	4.2 (1.2)
Highest education level of parents								
Less than high school	29.0	39.0	23.9	8.1	26.3 (1.6)	40.8 (1.8)	22.3 (1.6)	10.5 (1.3)
High school graduate	30.5	40.5	23.1	5.9	31.6 (1.0)	39.5 (1.1)	23.3 (0.9)	5.6 (0.5)
Some postsecondary	36.9	40.1	19.1	3.9	38.9 (0.9)	39.0 (0.9)	18.3 (0.7)	3.8 (0.4)
College graduate	52.5	32.9	12.7	1.9	51.1 (1.3)	34.9 (1.2)	12.1 (0.9)	1.8 (0.3)
Graduate/professional	58.2	30.9	9.8	1.1	54.8 (1.3)	33.0 (1.2)	10.3 (0.8)	1.9 (0.4)
Family income								
\$5,000 or less	28.9	38.8	23.3	8.9	25.0 (2.6)	42.9 (3.5)	24.4 (2.8)	7.7 (1.8)
\$5,001 to \$10,000	26.6	41.9	24.6	6.9	32.1 (2.4)	36.5 (2.4)	24.0 (2.1)	7.4 (1.3)
\$10,001 to 15,000	28.0	39.8	26.0	6.2	30.3 (2.0)	38.9 (2.2)	23.7 (1.9)	7.1 (1.2)
\$15,001 to 20,000	32.7	38.4	21.6	7.3	32.0 (2.0)	40.0 (2.1)	22.3 (1.9)	5.7 (0.9)
\$20,001 to 25,000	34.4	40.8	20.6	4.2	32.8 (1.8)	38.9 (1.9)	21.6 (1.6)	6.7 (1.1)
\$25,001 to 30,000	33.0	42.0	19.8	5.2	37.4 (1.9)	37.4 (1.9)	19.7 (1.5)	5.4 (0.9)
\$30,001 to 35,000	40.0	38.0	18.1	3.9	38.2 (1.9)	38.8 (2.0)	19.2 (1.5)	3.8 (0.8)
\$35,001 to 40,000	40.4	37.3	19.4	2.8	37.5 (1.8)	42.1 (1.9)	17.4 (1.4)	3.0 (0.6)
\$40,001 to 50,000	43.2	36.0	16.8	4.0	45.0 (1.5)	35.1 (1.4)	16.6 (1.1)	3.3 (0.5)
\$50,001 to 75,000	50.2	32.7	14.9	2.2	45.8 (1.2)	36.8 (1.2)	14.5 (0.8)	2.9 (0.4)
Over \$75,000	51.0	36.8	10.9	1.3	51.9 (1.2)	35.4 (1.1)	10.9 (0.7)	1.8 (0.3)
Child attending public schools								
Elementary (kindergarten to grade 8)	38.2	37.9	19.3	4.6	39.0 (0.6)	37.8 (0.6)	18.5 (0.4)	4.7 (0.3)
Secondary (grades 9 to 12)	43.2	36.6	16.3	3.9	43.5 (0.7)	36.6 (0.7)	15.9 (0.5)	4.1 (0.3)
Child attending private schools								
Elementary (kindergarten to grade 8)	29.6	40.2	24.5	5.7	31.8 (0.9)	39.9 (0.9)	22.7 (0.8)	5.6 (0.5)
Secondary (grades 9 to 12)	50.8	36.1	11.8	1.3	51.9 (1.6)	36.1 (1.5)	11.0 (1.1)	1.0 (0.3)
Elementary (kindergarten to grade 8)	55.7	35.3	7.5	1.4	56.2 (1.9)	34.4 (1.8)	9.0 (1.2)	0.5 (0.2)
Secondary (grades 9 to 12)	40.9	37.7	20.4	1.0	41.2 (3.1)	40.6 (3.0)	15.9 (2.3)	2.2 (0.8)

NOTE: Includes children enrolled in kindergarten through grade 12. Excludes children whose programs have no classes with lettered grades. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The Parent Survey of the National Household Education Survey Program, (PFI/CI:1996) and (Parent:1999), unpublished tabulations. (This table was prepared June 2001.)

Table 137. Average number of Carnegie units earned by public high school graduates in various subject fields, by selected student characteristics: Selected years, 1982 to 2000

Graduation year and selected student characteristic	Total	English	History/social studies	Mathematics			Science					Foreign languages	Arts	Vocational education ¹	Personal use ²	Computer related ³
				Total	Less than algebra	Algebra or higher	Total	General science	Biology	Chemistry	Physics					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1982 graduates	21.58	3.93	3.16	2.63	0.90	1.74	2.20	0.73	0.94	0.34	0.17	0.99	1.47	4.62	2.58	0.12
Sex																
Male	21.40	3.88	3.16	2.71	0.94	1.77	2.27	0.76	0.91	0.36	0.23	0.80	1.29	4.60	2.69	0.14
Female	21.75	3.98	3.15	2.57	0.86	1.71	2.13	0.71	0.97	0.33	0.12	1.17	1.63	4.64	2.48	0.11
Race/ethnicity																
White, non-Hispanic	21.69	3.90	3.19	2.68	0.77	1.91	2.27	0.73	0.97	0.38	0.20	1.06	1.53	4.53	2.52	0.13
Black, non-Hispanic	21.15	4.08	3.08	2.61	1.36	1.25	2.06	0.81	0.90	0.26	0.09	0.72	1.26	4.75	2.60	0.12
Hispanic	21.23	3.94	3.00	2.33	1.21	1.12	1.80	0.75	0.81	0.16	0.07	0.77	1.29	5.22	2.87	0.08
Asian/Pacific Islander	22.46	4.01	3.16	3.15	0.71	2.44	2.64	0.51	1.11	0.61	0.42	1.79	1.31	3.34	3.05	0.22
American Indian/Alaska Native	21.45	3.98	3.25	2.35	1.23	1.12	2.04	0.67	0.84	0.42	0.12	0.48	1.72	4.77	2.84	0.06
Academic track																
Academic ⁴	21.75	4.11	3.32	3.04	0.73	2.30	2.65	0.73	1.13	0.53	0.26	1.54	1.91	2.55	2.62	0.10
Vocational ⁵	20.21	3.44	2.63	1.80	1.09	0.71	1.32	0.69	0.57	0.04	0.02	0.18	0.59	7.74	2.51	0.12
Both ⁶	22.89	4.04	3.33	2.69	1.02	1.67	2.17	0.79	0.94	0.29	0.14	0.75	1.41	6.03	2.47	0.18
Neither ⁷	18.73	3.58	2.70	1.73	1.08	0.65	1.33	0.69	0.59	0.03	0.02	0.22	0.85	5.23	3.06	0.05
1987 graduates	23.00	4.12	3.32	3.01	0.86	2.15	2.54	0.76	1.10	0.47	0.21	1.35	1.44	4.55	2.67	0.47
Sex																
Male	22.88	4.08	3.29	3.05	0.91	2.14	2.57	0.79	1.05	0.47	0.26	1.16	1.24	4.64	2.83	0.47
Female	23.12	4.15	3.35	2.97	0.82	2.15	2.52	0.74	1.14	0.47	0.17	1.53	1.63	4.47	2.51	0.47
Race/ethnicity																
White, non-Hispanic	23.11	4.08	3.29	3.01	0.74	2.27	2.61	0.75	1.12	0.50	0.23	1.38	1.50	4.65	2.60	0.49
Black, non-Hispanic	22.40	4.22	3.34	2.99	1.40	1.59	2.32	0.90	1.01	0.31	0.10	1.08	1.20	4.52	2.73	0.39
Hispanic	22.84	4.30	3.22	2.81	1.30	1.50	2.24	0.78	1.07	0.29	0.10	1.25	1.34	4.49	3.19	0.42
Asian/Pacific Islander	24.47	4.37	3.65	3.72	0.53	3.18	3.13	0.59	1.17	0.87	0.50	2.07	1.18	3.11	3.23	0.58
American Indian/Alaska Native	23.23	4.22	3.18	2.98	1.35	1.63	2.44	0.81	1.22	0.32	0.09	0.75	1.68	4.92	3.06	0.39
Academic track																
Academic ⁴	23.20	4.26	3.55	3.33	0.65	2.68	2.97	0.73	1.23	0.68	0.32	1.92	1.87	2.57	2.73	0.38
Vocational ⁵	21.07	3.62	2.59	2.00	1.29	0.71	1.48	0.74	0.70	0.03	0.01	0.18	0.47	8.07	2.67	0.39
Both ⁶	23.53	4.11	3.29	2.93	0.97	1.96	2.37	0.81	1.07	0.35	0.14	1.01	1.20	6.09	2.53	0.64
Neither ⁷	19.56	3.55	2.45	2.11	1.62	0.49	1.47	0.84	0.59	0.03	0.00	0.18	0.76	5.10	3.93	0.17
1990 graduates	23.53	4.19	3.47	3.15	0.90	2.25	2.75	0.85	1.14	0.53	0.23	1.54	1.55	4.19	2.68	0.54
Sex																
Male	23.35	4.13	3.45	3.16	0.96	2.20	2.78	0.88	1.11	0.52	0.28	1.33	1.31	4.32	2.87	0.50
Female	23.69	4.25	3.50	3.14	0.85	2.29	2.73	0.83	1.17	0.53	0.19	1.72	1.76	4.08	2.51	0.57
Race/ethnicity																
White, non-Hispanic	23.54	4.12	3.46	3.13	0.80	2.33	2.80	0.84	1.15	0.55	0.25	1.58	1.61	4.22	2.61	0.52
Black, non-Hispanic	23.40	4.34	3.49	3.20	1.25	1.95	2.68	0.98	1.11	0.42	0.16	1.20	1.34	4.41	2.74	0.60
Hispanic	23.83	4.51	3.42	3.13	1.30	1.83	2.50	0.83	1.10	0.42	0.14	1.57	1.48	4.12	3.10	0.58
Asian/Pacific Islander	24.07	4.50	3.70	3.52	0.70	2.82	2.97	0.68	1.12	0.74	0.42	2.06	1.29	3.07	2.96	0.54
American Indian/Alaska Native	22.64	4.08	3.34	3.04	1.03	2.01	2.48	0.83	1.09	0.42	0.15	1.15	1.11	4.62	2.81	0.60
Academic track																
Academic ⁴	23.53	4.30	3.65	3.37	0.68	2.70	3.06	0.81	1.23	0.70	0.32	2.02	1.93	2.41	2.78	0.42
Vocational ⁵	21.73	3.60	2.58	2.07	1.54	0.53	1.62	0.87	0.71	0.03	0.01	0.17	0.42	8.68	2.59	0.46
Both ⁶	23.92	4.14	3.38	3.02	1.12	1.90	2.51	0.92	1.09	0.36	0.14	1.07	1.17	6.10	2.53	0.73
Neither ⁷	19.81	3.63	2.59	2.01	1.57	0.44	1.47	0.79	0.60	0.04	0.03	0.21	0.79	5.81	3.29	0.36
1994 graduates	24.17	4.29	3.55	3.33	0.76	2.57	3.04	0.88	1.26	0.62	0.28	1.71	1.66	3.96	2.63	0.64
Sex																
Male	24.00	4.26	3.51	3.32	0.85	2.48	3.03	0.91	1.20	0.59	0.32	1.49	1.43	4.13	2.83	0.63
Female	24.34	4.32	3.59	3.34	0.68	2.66	3.06	0.86	1.31	0.64	0.24	1.93	1.87	3.80	2.44	0.65
Race/ethnicity																
White, non-Hispanic	24.33	4.23	3.56	3.36	0.70	2.66	3.13	0.89	1.29	0.65	0.30	1.76	1.74	3.96	2.61	0.63
Black, non-Hispanic	23.59	4.36	3.51	3.23	1.09	2.14	2.80	0.92	1.21	0.49	0.17	1.35	1.36	4.29	2.69	0.64
Hispanic	24.06	4.61	3.45	3.28	0.96	2.32	2.69	0.83	1.19	0.49	0.17	1.73	1.51	3.87	2.93	0.76
Asian/Pacific Islander	24.47	4.60	3.66	3.66	0.67	2.98	3.35	0.80	1.22	0.81	0.48	2.09	1.32	3.01	2.78	0.71
American Indian/Alaska Native	24.47	4.27	3.57	3.11	0.94	2.17	2.82	0.91	1.28	0.50	0.13	1.30	2.01	4.27	3.12	0.53
Academic track																
Academic ⁴	24.07	4.37	3.69	3.52	0.58	2.94	3.32	0.83	1.34	0.77	0.37	2.14	2.05	2.28	2.71	0.50
Vocational ⁵	21.60	3.70	2.49	2.20	1.56	0.64	1.69	0.80	0.83	0.03	0.02	0.14	0.34	8.64	2.41	0.55
Both ⁶	24.61	4.23	3.45	3.17	0.96	2.21	2.78	0.96	1.19	0.45	0.17	1.24	1.21	6.01	2.52	0.85
Neither ⁷	21.28	3.54	2.24	2.25	1.71	0.54	1.53	0.82	0.63	0.05	0.02	0.19	0.56	6.51	4.47	0.33

See notes at end of table.

Table 137. Average number of Carnegie units earned by public high school graduates in various subject fields, by selected student characteristics: Selected years, 1982 to 2000—Continued

Graduation year and selected student characteristic	Total	English	History/social studies	Mathematics			Science					Foreign languages	Arts	Vocational education ¹	Personal use ²	Computer related ³
				Total	Less than algebra	Algebra or higher	Total	General science	Biology	Chemistry	Physics					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1998 graduates	25.14	4.25	3.74	3.40	0.67	2.73	3.12	0.89	1.26	0.66	0.31	1.85	1.90	3.99	2.89	0.74
Sex																
Male	24.93	4.19	3.68	3.37	0.74	2.64	3.09	0.93	1.20	0.62	0.33	1.62	1.61	4.25	3.12	0.78
Female	25.36	4.31	3.80	3.42	0.62	2.80	3.17	0.87	1.32	0.70	0.28	2.06	2.15	3.77	2.67	0.71
Race/ethnicity																
White, non-Hispanic	25.21	4.19	3.77	3.40	0.57	2.84	3.18	0.87	1.28	0.69	0.33	1.90	2.00	3.97	2.80	0.73
Black, non-Hispanic	24.83	4.28	3.69	3.42	0.90	2.53	3.03	0.97	1.24	0.58	0.22	1.58	1.57	4.33	2.94	0.84
Hispanic	25.08	4.51	3.60	3.28	1.05	2.23	2.81	0.97	1.13	0.50	0.20	1.78	1.78	3.97	3.36	0.71
Asian/Pacific Islander	25.23	4.37	3.92	3.62	0.65	2.97	3.43	0.81	1.26	0.83	0.51	2.29	1.52	3.15	2.95	0.67
American Indian/Alaska Native	24.43	4.18	3.67	3.10	0.90	2.20	2.68	0.98	1.07	0.49	0.15	1.45	1.94	4.02	3.40	0.67
Academic track																
Academic ⁴	24.91	4.33	3.87	3.54	0.53	3.00	3.34	0.84	1.33	0.78	0.38	2.24	2.41	2.22	2.97	0.52
Vocational ⁵	22.60	3.46	2.55	2.17	1.30	0.87	1.69	1.05	0.59	0.03	0.01	0.14	0.47	9.12	3.01	0.81
Both ⁶	25.64	4.20	3.66	3.30	0.81	2.49	2.94	0.96	1.20	0.54	0.23	1.45	1.31	6.06	2.73	1.03
Neither ⁷	21.50	3.21	2.32	2.19	1.59	0.60	1.58	0.88	0.58	0.04	0.08	0.20	0.55	5.64	5.82	0.51
2000 graduates	26.05	4.39	3.83	3.56	0.61	2.95	3.20	0.85	1.29	0.69	0.36	1.95	2.03	4.21	2.88	0.83
Sex																
Male	25.91	4.31	3.76	3.53	0.68	2.86	3.16	0.88	1.20	0.65	0.40	1.71	1.75	4.60	3.09	0.93
Female	26.17	4.46	3.89	3.58	0.55	3.03	3.25	0.82	1.36	0.73	0.33	2.18	2.30	3.82	2.69	0.74
Race/ethnicity																
White, non-Hispanic	26.21	4.32	3.86	3.56	0.58	2.98	3.24	0.84	1.30	0.70	0.38	1.98	2.12	4.34	2.79	0.81
Black, non-Hispanic	25.76	4.43	3.75	3.54	0.72	2.82	3.13	0.91	1.26	0.65	0.27	1.70	1.95	4.29	2.98	0.85
Hispanic	25.47	4.69	3.77	3.42	0.74	2.68	2.87	0.85	1.19	0.58	0.24	1.90	1.77	3.83	3.21	0.89
Asian/Pacific Islander	26.21	4.57	3.77	3.96	0.35	3.61	3.71	0.71	1.36	0.96	0.65	2.51	1.79	2.82	3.09	0.92
American Indian/Alaska Native	25.11	4.12	3.75	3.29	0.91	2.38	2.88	0.98	1.25	0.45	0.19	1.40	1.99	4.79	2.89	0.96
Academic track																
Academic ⁴	25.57	4.47	3.93	3.70	0.49	3.21	3.39	0.81	1.35	0.80	0.42	2.32	2.52	2.28	2.96	0.54
Vocational ⁵	23.44	3.33	2.62	2.11	1.28	0.82	1.61	0.84	0.65	0.06	0.05	0.15	0.57	9.56	3.50	1.17
Both ⁶	26.81	4.33	3.76	3.45	0.74	2.71	3.04	0.89	1.24	0.59	0.30	1.56	1.47	6.46	2.74	1.20
Neither ⁷	21.58	3.50	1.86	2.27	1.76	0.51	1.59	1.04	0.48	0.04	0.02	0.20	0.93	5.52	5.72	0.29
Standard errors																
2000 graduates	0.201	0.035	0.033	0.028	0.028	0.038	0.038	0.028	0.028	0.018	0.017	0.044	0.054	0.123	0.065	0.032
Sex																
Male	0.206	0.034	0.032	0.031	0.032	0.046	0.039	0.028	0.029	0.017	0.018	0.044	0.051	0.154	0.070	0.036
Female	0.203	0.038	0.035	0.028	0.026	0.036	0.040	0.030	0.029	0.020	0.017	0.049	0.065	0.104	0.063	0.034
Race/ethnicity																
White, non-Hispanic	0.252	0.037	0.037	0.031	0.032	0.043	0.038	0.031	0.034	0.020	0.020	0.053	0.068	0.164	0.075	0.036
Black, non-Hispanic	0.242	0.078	0.067	0.042	0.062	0.059	0.058	0.043	0.040	0.027	0.020	0.071	0.134	0.173	0.093	0.055
Hispanic	0.323	0.106	0.075	0.074	0.051	0.107	0.112	0.046	0.067	0.055	0.026	0.070	0.063	0.124	0.147	0.056
Asian/Pacific Islander	0.327	0.069	0.051	0.095	0.035	0.106	0.153	0.082	0.060	0.048	0.037	0.083	0.084	0.160	0.184	0.111
American Indian/Alaska Native	0.315	0.064	0.100	0.083	0.164	0.178	0.112	0.037	0.080	0.044	0.042	0.105	0.220	0.429	0.230	0.074
Academic track																
Academic ⁴	0.186	0.040	0.043	0.034	0.024	0.042	0.042	0.033	0.033	0.023	0.019	0.050	0.072	0.049	0.075	0.024
Vocational ⁵	0.369	0.131	0.121	0.086	0.120	0.100	0.116	0.069	0.091	0.018	0.026	0.042	0.062	0.337	0.249	0.220
Both ⁶	0.248	0.035	0.034	0.032	0.040	0.054	0.047	0.031	0.033	0.024	0.024	0.049	0.057	0.170	0.074	0.046
Neither ⁷	0.500	0.088	0.142	0.088	0.141	0.101	0.099	0.097	0.082	0.018	0.011	0.056	0.096	0.443	0.506	0.051

¹ Includes nonoccupational vocational education, vocational general introduction, agriculture, business, marketing, health, occupational home economics, trade and industry, and technical courses.

² Includes personal and social courses, religion and theology, and courses not included in the other subject fields.

³ Though shown separately here, computer-related courses are also included in the mathematics and vocational categories.

⁴ Includes students who complete at least 12 Carnegie units in academic courses, but less than 3 Carnegie units in any specific labor market preparation field.

⁵ Includes students who complete at least 3 Carnegie units in a specific labor market preparation field, but less than 12 Carnegie units in academic courses.

⁶ Includes students who complete at least 12 Carnegie units in academic courses and at least 3 Carnegie units in a specific labor market preparation field.

⁷ Includes students who complete less than 12 Carnegie units in academic courses and less than 3 Carnegie units in a specific labor market preparation field.

NOTE: The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; "1990 High School Transcript Study," "National Education Longitudinal Study of 1988," Second Followup survey; and "High School Transcript Study," various years. (This table was prepared November 2002.)

Table 138. Average number of Carnegie units earned by public high school graduates in vocational education courses, by selected student characteristics: Selected years, 1982 to 2000

Graduation year and selected student characteristic	Total	General labor market preparation	Consumer and home-making education	Specific labor market preparation								
				Total ¹	Agriculture	Business	Marketing	Health	Occupational home economics	Trade and industrial	Technical/communications	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
1982 graduates	4.62	0.94	0.68	3.00	0.22	1.03	0.16	0.05	0.11	1.04	0.21	0.10
Sex												
Male	4.60	0.93	0.30	3.36	0.36	0.47	0.14	0.02	0.06	1.96	0.24	0.01
Female	4.64	0.95	1.03	2.67	0.08	1.55	0.18	0.08	0.15	0.20	0.18	0.18
Race/ethnicity												
White, non-Hispanic	4.53	0.92	0.63	2.97	0.24	1.06	0.15	0.04	0.10	0.99	0.22	0.09
Black, non-Hispanic	4.75	0.97	0.90	2.88	0.09	1.00	0.22	0.11	0.14	0.95	0.15	0.12
Hispanic	5.22	1.01	0.85	3.36	0.23	1.00	0.17	0.07	0.13	1.38	0.15	0.12
Asian/Pacific Islander	3.34	1.01	0.30	2.03	0.03	0.58	0.04	0.03	0.06	0.88	0.30	0.02
American Indian/Alaska Native	4.77	0.90	0.47	3.40	0.25	0.74	0.14	0.08	0.06	1.88	0.13	0.03
Academic track												
Academic ²	2.55	0.84	0.60	1.12	0.04	0.48	0.03	0.02	0.06	0.28	0.17	0.02
Vocational ³	7.74	1.02	0.78	5.94	0.58	1.68	0.33	0.08	0.17	2.43	0.21	0.24
Both ⁴	6.03	0.86	0.57	4.60	0.29	1.66	0.29	0.09	0.15	1.57	0.29	0.14
Neither ⁵	5.23	1.92	1.62	1.68	0.11	0.74	0.09	0.05	0.13	0.37	0.10	0.07
1987 graduates	4.55	0.83	0.61	3.11	0.19	0.96	0.16	0.08	0.11	0.96	0.43	0.11
Sex												
Male	4.64	0.83	0.45	3.35	0.33	0.56	0.13	0.02	0.08	1.73	0.47	0.03
Female	4.47	0.83	0.86	2.77	0.07	1.34	0.19	0.12	0.14	0.23	0.39	0.18
Race/ethnicity												
White, non-Hispanic	4.65	0.84	0.60	3.20	0.24	0.97	0.16	0.07	0.11	1.00	0.47	0.10
Black, non-Hispanic	4.52	0.86	0.73	2.92	0.10	1.00	0.17	0.14	0.14	0.76	0.28	0.14
Hispanic	4.49	0.93	0.62	2.95	0.06	0.97	0.16	0.08	0.11	1.00	0.32	0.11
Asian/Pacific Islander	3.11	0.63	0.35	2.13	0.01	0.63	0.13	0.09	0.08	0.47	0.56	0.04
American Indian/Alaska Native	4.92	0.82	0.65	3.45	0.20	1.04	0.08	0.09	0.11	1.32	0.44	0.03
Academic track												
Academic ²	2.57	0.76	0.57	1.23	0.02	0.45	0.04	0.02	0.04	0.24	0.37	0.02
Vocational ³	8.07	0.90	0.77	6.39	0.59	1.40	0.38	0.18	0.25	2.60	0.35	0.34
Both ⁴	6.09	0.86	0.55	4.69	0.30	1.54	0.27	0.11	0.17	1.43	0.56	0.15
Neither ⁵	5.10	1.77	1.72	1.62	0.07	0.60	0.09	0.05	0.11	0.37	0.13	0.10
1990 graduates	4.19	0.73	0.57	2.89	0.20	0.88	0.16	0.04	0.10	0.87	0.41	0.10
Sex												
Male	4.32	0.70	0.33	3.28	0.31	0.57	0.14	0.02	0.07	1.59	0.43	0.02
Female	4.08	0.76	0.79	2.53	0.09	1.16	0.18	0.06	0.13	0.22	0.39	0.17
Race/ethnicity												
White, non-Hispanic	4.22	0.71	0.55	2.97	0.24	0.85	0.16	0.04	0.09	0.95	0.40	0.09
Black, non-Hispanic	4.41	0.82	0.80	2.79	0.06	1.05	0.17	0.04	0.15	0.64	0.40	0.16
Hispanic	4.12	0.75	0.53	2.85	0.15	0.93	0.19	0.02	0.11	0.75	0.41	0.18
Asian/Pacific Islander	3.07	0.69	0.31	2.07	0.04	0.65	0.05	0.01	0.03	0.72	0.48	0.03
American Indian/Alaska Native	4.62	0.74	0.72	3.16	0.36	0.95	0.15	0.02	0.07	0.95	0.44	0.02
Academic track												
Academic ²	2.41	0.67	0.55	1.19	0.03	0.46	0.04	0.01	0.04	0.22	0.34	0.02
Vocational ³	8.68	1.00	0.74	6.95	0.86	1.22	0.28	0.10	0.26	3.10	0.28	0.30
Both ⁴	6.10	0.72	0.57	4.81	0.35	1.47	0.33	0.08	0.16	1.50	0.53	0.19
Neither ⁵	5.81	2.81	1.26	1.74	0.10	0.46	0.04	0.04	0.08	0.54	0.32	0.04
1994 graduates	3.96	0.64	0.52	2.79	0.24	0.88	0.18	0.08	0.13	0.70	0.35	0.09
Sex												
Male	4.13	0.70	0.35	3.08	0.37	0.66	0.14	0.03	0.08	1.25	0.36	0.03
Female	3.80	0.58	0.69	2.52	0.11	1.09	0.22	0.12	0.18	0.17	0.34	0.15
Race/ethnicity												
White, non-Hispanic	3.96	0.63	0.51	2.81	0.27	0.87	0.19	0.08	0.11	0.72	0.35	0.07
Black, non-Hispanic	4.29	0.72	0.62	2.94	0.13	1.01	0.20	0.11	0.23	0.60	0.29	0.18
Hispanic	3.87	0.64	0.48	2.75	0.13	0.93	0.15	0.07	0.14	0.65	0.36	0.17
Asian/Pacific Islander	3.01	0.51	0.36	2.13	0.14	0.70	0.11	0.06	0.10	0.50	0.46	0.03
American Indian/Alaska Native	4.27	0.85	0.65	2.77	0.41	0.75	0.06	0.18	0.15	0.53	0.41	0.06
Academic track												
Academic ²	2.28	0.58	0.49	1.20	0.04	0.51	0.05	0.03	0.05	0.20	0.28	0.02
Vocational ³	8.64	1.00	0.78	6.86	0.90	1.17	0.34	0.08	0.26	2.89	0.26	0.29
Both ⁴	6.01	0.66	0.54	4.82	0.48	1.41	0.37	0.16	0.23	1.25	0.46	0.18
Neither ⁵	6.51	3.91	1.08	1.52	0.05	0.48	0.08	0.02	0.07	0.46	0.16	0.06

See notes at end of table.

Table 138. Average number of Carnegie units earned by public high school graduates in vocational education courses, by selected student characteristics: Selected years, 1982 to 2000—Continued

Graduation years and selected student characteristic	Total	General labor market preparation	Consumer and home-making education	Specific labor market preparation								
				Total ¹	Agriculture	Business	Marketing	Health	Occupational home economics	Trade and industrial	Technical/communications	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
1998 graduates	3.99	0.61	0.51	2.87	0.20	0.70	0.16	0.14	0.16	0.78	0.51	0.07
Sex												
Male	4.25	0.67	0.35	3.23	0.27	0.59	0.15	0.06	0.10	1.37	0.53	0.02
Female	3.77	0.57	0.66	2.54	0.14	0.80	0.18	0.22	0.21	0.23	0.49	0.12
Race/ethnicity												
White, non-Hispanic	3.97	0.58	0.49	2.90	0.24	0.69	0.15	0.11	0.14	0.83	0.51	0.06
Black, non-Hispanic	4.33	0.70	0.68	2.95	0.09	0.83	0.24	0.29	0.23	0.56	0.47	0.11
Hispanic	3.97	0.66	0.49	2.82	0.16	0.64	0.18	0.16	0.17	0.75	0.51	0.10
Asian/Pacific Islander	3.15	0.58	0.27	2.30	0.09	0.64	0.13	0.15	0.14	0.57	0.49	0.02
American Indian/Alaska Native	4.02	0.54	0.55	2.92	0.19	0.70	0.14	0.06	0.14	0.98	0.51	0.03
Academic track												
Academic ²	2.22	0.54	0.49	1.19	0.03	0.41	0.05	0.03	0.07	0.22	0.33	0.02
Vocational ³	9.12	1.40	0.75	6.97	0.62	0.64	0.29	0.11	0.36	3.36	0.66	0.29
Both ⁴	6.06	0.62	0.52	4.92	0.41	1.10	0.31	0.29	0.27	1.39	0.74	0.14
Neither ⁵	5.64	2.91	1.20	1.53	0.10	0.43	0.06	0.02	0.07	0.31	0.19	0.06
2000 graduates	4.21	0.69	0.49	3.03	0.25	0.74	0.16	0.13	0.17	0.80	0.61	0.08
Sex												
Male	4.60	0.76	0.33	3.51	0.34	0.65	0.14	0.06	0.12	1.38	0.72	0.02
Female	3.82	0.61	0.64	2.57	0.16	0.83	0.17	0.20	0.23	0.25	0.52	0.13
Race/ethnicity												
White, non-Hispanic	4.34	0.69	0.49	3.16	0.31	0.73	0.14	0.12	0.18	0.90	0.63	0.07
Black, non-Hispanic	4.29	0.77	0.67	2.85	0.12	0.88	0.22	0.15	0.16	0.51	0.53	0.16
Hispanic	3.83	0.67	0.37	2.79	0.14	0.75	0.18	0.23	0.19	0.65	0.54	0.07
Asian/Pacific Islander	2.82	0.45	0.25	2.11	0.06	0.50	0.10	0.14	0.09	0.43	0.74	0.02
American Indian/Alaska Native	4.79	0.75	0.68	3.36	0.37	0.72	0.14	0.07	0.23	0.99	0.68	0.07
Academic track												
Academic ²	2.28	0.61	0.47	1.21	0.03	0.39	0.03	0.03	0.08	0.21	0.38	0.02
Vocational ³	9.56	1.24	0.59	7.73	0.79	0.63	0.27	0.12	0.35	4.06	0.87	0.14
Both ⁴	6.46	0.75	0.50	5.21	0.51	1.20	0.31	0.27	0.29	1.43	0.90	0.15
Neither ⁵	5.52	2.83	1.36	1.32	0.05	0.13	0.05	0.04	0.19	0.40	0.32	0.06
Standard errors												
2000 graduates	0.123	0.035	0.023	0.106	0.029	0.040	0.013	0.018	0.016	0.057	0.027	0.009
Sex												
Male	0.154	0.042	0.018	0.135	0.041	0.040	0.013	0.012	0.012	0.098	0.032	0.005
Female	0.104	0.032	0.032	0.086	0.022	0.043	0.015	0.025	0.021	0.020	0.026	0.016
Race/ethnicity												
White, non-Hispanic	0.164	0.045	0.026	0.137	0.039	0.048	0.015	0.016	0.018	0.077	0.034	0.001
Black, non-Hispanic	0.173	0.049	0.052	0.125	0.027	0.063	0.034	0.022	0.024	0.043	0.041	0.030
Hispanic	0.124	0.054	0.038	0.148	0.021	0.067	0.032	0.101	0.030	0.051	0.028	0.020
Asian/Pacific Islander	0.160	0.055	0.033	0.146	0.014	0.051	0.031	0.038	0.018	0.054	0.103	0.008
American Indian/Alaska Native	0.429	0.117	0.081	0.394	0.131	0.086	0.037	0.025	0.115	0.235	0.087	0.035
Academic track												
Academic ²	0.049	0.031	0.021	0.024	0.004	0.021	0.004	0.005	0.009	0.010	0.020	0.003
Vocational ³	0.337	0.272	0.070	0.365	0.149	0.117	0.064	0.050	0.086	0.438	0.095	0.057
Both ⁴	0.170	0.053	0.031	0.132	0.058	0.066	0.025	0.041	0.029	0.115	0.047	0.018
Neither ⁵	0.443	0.297	0.331	0.100	0.023	0.032	0.034	0.030	0.053	0.077	0.049	0.023

¹ Includes unclassified courses not shown separately.
² Includes students who complete at least 12 Carnegie units in academic courses, but less than 3 Carnegie units in any specific labor market preparation field.
³ Includes students who complete at least 3 Carnegie units in a specific labor market preparation field, but less than 12 Carnegie units in academic courses.
⁴ Includes students who complete at least 12 Carnegie units in academic courses and at least 3 Carnegie units in a specific labor market preparation field.
⁵ Includes students who complete less than 12 Carnegie units in academic courses and less than 3 Carnegie units in a specific labor market preparation field.

NOTE: The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; "1990 High School Transcript Study," "National Education Longitudinal Study of 1988," Second Followup survey; and "High School Transcript Study," various years. (This table was prepared November 2002.)

Table 139. Percent of public high school graduates taking selected mathematics and science courses in high school, by sex and race/ethnicity: Selected years, 1982 to 2000

Course (Carnegie credits)	1982	1987	1990	1994	1998	2000								
						Total	Sex		Race/ethnicity					
							Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Mathematics¹														
Any mathematics (1.0)	98.5	99.0	99.9	99.8	99.8	99.8 (0.04)	99.8 (0.08)	99.9 (0.04)	99.8 (0.06)	99.8 (0.09)	99.8 (0.07)	100.0 (0.02)	100.0 (#)	
Algebra I (1.0) ²	55.2	58.8	63.7	65.8	62.8	61.7 (1.66)	60.0 (1.62)	63.4 (1.82)	60.5 (1.95)	66.5 (3.25)	69.5 (2.14)	48.8 (2.47)	65.2 (5.43)	
Geometry (1.0)	47.1	58.6	63.2	70.0	75.1	78.3 (1.09)	74.9 (1.33)	81.4 (1.02)	79.2 (1.23)	77.9 (1.95)	72.8 (3.23)	80.6 (2.16)	65.0 (6.18)	
Algebra II (0.5)	39.9	49.0	52.8	61.1	61.7	67.8 (1.43)	64.8 (1.45)	70.5 (1.68)	68.9 (1.51)	64.8 (2.30)	59.8 (5.17)	80.4 (1.92)	60.3 (5.51)	
Trigonometry (0.5)	8.1	11.5	9.6	11.7	8.9	7.5 (1.31)	7.3 (1.30)	7.7 (1.37)	8.5 (1.62)	4.1 (1.02)	2.9 (0.77)	14.5 (5.33)	4.3 (2.07)	
Analysis/pre-calculus (0.5)	6.2	12.8	13.3	17.3	23.1	26.7 (1.40)	25.4 (1.39)	27.9 (1.61)	28.2 (1.74)	16.2 (1.53)	19.3 (2.97)	48.8 (2.68)	12.6 (2.80)	
Statistics/probability (0.5)	1.0	1.1	1.0	2.0	3.7	5.7 (0.86)	5.8 (0.97)	5.6 (0.86)	6.1 (1.00)	3.8 (1.25)	2.3 (0.53)	11.5 (2.45)	2.1 (1.10)	
Calculus (1.0)	5.0	6.1	6.5	9.3	11.0	11.6 (0.73)	12.2 (0.79)	11.1 (0.77)	12.5 (0.77)	4.7 (0.55)	5.6 (0.87)	30.8 (5.07)	2.4 (0.90)	
AP calculus (1.0)	1.6	3.4	4.1	7.0	6.7	7.9 (0.58)	8.5 (0.71)	7.3 (0.57)	8.4 (0.62)	2.6 (0.41)	3.8 (0.68)	24.0 (4.20)	1.7 (0.70)	
Science														
Any science (1.0)	96.4	97.8	99.3	99.5	99.5	99.5 (0.11)	99.3 (0.17)	99.7 (0.08)	99.6 (0.13)	99.5 (0.16)	99.1 (0.34)	99.7 (0.18)	99.6 (0.33)	
Biology (1.0)	77.4	86.0	91.0	93.2	92.7	91.2 (1.00)	89.0 (0.32)	93.3 (0.80)	91.8 (1.15)	92.3 (1.02)	89.7 (2.70)	88.3 (2.70)	88.4 (2.88)	
AP/honors biology (1.0)	10.0	9.4	10.1	11.9	16.2	16.3 (1.46)	13.8 (1.41)	18.5 (1.63)	17.9 (1.78)	10.8 (1.39)	10.8 (1.36)	25.9 (4.17)	8.0 (3.06)	
Chemistry (1.0)	32.1	44.2	48.9	55.8	60.4	62.0 (1.47)	58.0 (1.42)	65.7 (1.74)	63.0 (1.67)	59.9 (2.40)	52.4 (4.08)	75.4 (2.59)	43.6 (4.03)	
AP/honors chemistry (1.0)	3.0	3.5	3.5	3.9	4.7	5.8 (0.85)	5.8 (0.91)	5.7 (0.83)	6.1 (1.19)	2.8 (0.46)	3.4 (1.28)	16.2 (1.44)	1.7 (1.20)	
Physics (1.0)	15.0	20.0	21.6	24.5	28.8	31.4 (1.16)	34.2 (1.29)	29.0 (1.22)	32.4 (1.34)	25.2 (1.98)	23.2 (2.32)	54.0 (2.68)	17.5 (4.07)	
AP/honors physics (1.0)	1.2	1.8	2.0	2.7	3.0	3.9 (0.61)	5.4 (0.94)	2.5 (0.38)	4.0 (0.78)	2.2 (0.78)	2.0 (0.70)	11.0 (1.91)	0.5 (0.37)	
Engineering (1.0)	1.2	2.6	4.2	4.5	6.7	3.9 (0.91)	4.3 (1.04)	3.5 (0.85)	4.2 (1.14)	2.7 (0.78)	2.4 (0.85)	3.1 (0.95)	1.8 (1.36)	
Astronomy (0.5)	1.2	1.0	1.2	1.7	1.9	2.8 (0.59)	3.0 (0.65)	2.6 (0.57)	2.8 (0.68)	1.8 (0.54)	3.7 (1.54)	2.0 (0.69)	3.8 (3.67)	
Geology/earth science (0.5)	13.6	13.4	24.7	22.9	20.7	17.4 (1.86)	18.4 (1.98)	16.6 (1.82)	17.5 (2.34)	18.8 (2.59)	15.9 (1.88)	11.1 (1.50)	16.0 (3.06)	
Biology and chemistry (2.0)	29.3	41.4	47.5	53.7	59.0	59.4 (1.49)	54.5 (1.49)	63.8 (1.74)	60.3 (1.72)	58.0 (2.31)	50.4 (4.27)	71.1 (2.67)	39.4 (3.81)	
Biology, chemistry, and physics (3.0)	11.2	16.6	18.8	21.4	25.4	25.1 (1.09)	26.4 (1.23)	24.0 (1.13)	25.7 (1.20)	20.1 (1.75)	17.6 (2.20)	47.2 (2.53)	11.9 (3.29)	

#Rounds to zero.

¹ These data only report the percentage of students who earned credit in each mathematics course while in high school and do not count those students who took these courses prior to entering high school.

² Excludes prealgebra.

³ Includes algebra/trigonometry and algebra/geometry.

NOTE: Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; "1990 High School Transcript Study," and "High School Transcript Study," various years. (This table was prepared November 2002.)

Table 140. Percent of public high school graduates earning minimum credits in selected combinations of academic courses, by sex and race/ethnicity: Selected years, 1982 to 2000

Year of graduation and course combination taken ¹	All students	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native
1	2	3	4	5	6	7	8	9
1982 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, 5 Comp., and 2 F.L. ²	2.0 (0.22)	2.3 (0.31)	1.8 (0.27)	2.4 (0.28)	0.7 (0.28)	0.6 (0.22)	5.8 (1.72)	1.1 (0.77)
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	9.5 (0.57)	9.1 (0.70)	9.9 (0.71)	10.9 (0.69)	5.2 (1.02)	3.9 (0.57)	17.0 (2.49)	3.3 (1.68)
4 Eng., 3 S.S., 3 Sci., 3 Math	14.3 (0.66)	15.2 (0.86)	13.4 (0.79)	15.9 (0.79)	11.0 (1.39)	6.7 (0.79)	21.1 (2.65)	8.1 (3.02)
4 Eng., 3 S.S., 2 Sci., 2 Math	31.5 (1.07)	31.7 (1.26)	31.3 (1.22)	32.4 (1.21)	30.8 (2.32)	25.6 (1.76)	32.0 (3.40)	23.6 (5.39)
1987 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, and 5 Comp., and 2 F.L. ²	10.6 (0.73)	11.5 (1.01)	9.8 (0.65)	11.3 (0.97)	6.6 (0.91)	5.5 (1.03)	20.5 (2.57)	2.5 (0.86)
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	18.1 (0.91)	18.0 (1.13)	18.3 (1.01)	19.0 (1.10)	12.7 (1.15)	10.8 (1.70)	35.7 (4.49)	4.9 (1.40)
4 Eng., 3 S.S., 3 Sci., 3 Math	24.8 (1.03)	25.9 (1.27)	23.7 (1.07)	26.1 (1.21)	19.6 (1.99)	14.5 (1.69)	39.8 (4.51)	24.3 (3.69)
4 Eng., 3 S.S., 2 Sci., 2 Math	48.1 (1.74)	48.0 (2.22)	48.4 (1.56)	48.1 (2.15)	48.3 (2.63)	43.9 (1.92)	57.9 (4.82)	61.8 (5.56)
1990 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, 5 Comp., and 2 F.L. ²	18.0 (1.06)	17.8 (1.16)	18.2 (1.09)	18.6 (1.21)	15.1 (1.66)	17.8 (2.42)	23.3 (2.23)	7.8 (3.33)
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	29.9 (1.26)	28.8 (1.38)	31.0 (1.36)	31.7 (1.46)	22.9 (2.27)	25.4 (2.41)	42.6 (2.95)	9.9 (3.70)
4 Eng., 3 S.S., 3 Sci., 3 Math	38.2 (1.50)	38.5 (1.69)	37.9 (1.54)	39.2 (1.63)	39.0 (3.57)	29.8 (2.51)	47.4 (3.04)	19.2 (4.70)
4 Eng., 3 S.S., 2 Sci., 2 Math	65.5 (1.96)	64.3 (2.09)	66.4 (1.98)	64.9 (2.28)	71.3 (3.00)	63.7 (3.01)	69.1 (3.90)	46.3 (6.39)
1994 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, 5 Comp., and 2 F.L. ²	25.1 (1.05)	23.4 (0.93)	26.8 (1.32)	26.4 (1.19)	19.0 (1.45)	27.1 (3.75)	35.5 (2.84)	12.9 (3.09)
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	39.0 (1.12)	35.0 (1.11)	42.7 (1.33)	41.6 (1.32)	29.6 (1.52)	35.6 (2.94)	50.1 (2.39)	22.5 (4.31)
4 Eng., 3 S.S., 3 Sci., 3 Math	49.3 (1.45)	47.0 (1.45)	51.5 (1.58)	52.4 (1.67)	43.7 (2.39)	40.3 (3.25)	54.9 (2.46)	46.0 (3.30)
4 Eng., 3 S.S., 2 Sci., 2 Math	73.9 (1.50)	71.2 (1.63)	76.4 (1.46)	75.1 (1.69)	74.5 (2.32)	74.7 (2.61)	72.3 (3.62)	76.3 (3.60)
1998 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, 5 Comp., and 2 F.L. ²	28.6 (1.72)	27.6 (2.12)	30.1 (1.90)	29.6 (1.99)	27.9 (3.36)	20.4 (2.44)	38.6 (4.61)	16.5 (4.65)
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	44.2 (1.92)	40.5 (2.19)	48.2 (2.05)	46.2 (2.16)	40.0 (3.41)	32.0 (2.94)	57.8 (4.51)	28.3 (4.53)
4 Eng., 3 S.S., 3 Sci., 3 Math	55.0 (2.44)	52.9 (2.64)	57.8 (2.48)	56.8 (2.69)	55.6 (4.39)	40.0 (3.28)	66.1 (5.69)	40.0 (4.73)
4 Eng., 3 S.S., 2 Sci., 2 Math	74.5 (2.18)	72.8 (2.34)	77.0 (2.14)	74.7 (2.64)	76.0 (3.21)	70.1 (2.57)	79.5 (4.76)	76.4 (5.21)
2000 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, 5 Comp., and 2 F.L. ²	31.0 (1.53)	28.6 (1.59)	33.2 (1.73)	31.5 (1.55)	28.9 (1.65)	28.4 (5.50)	37.8 (5.45)	16.2 (2.69)
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	46.5 (1.46)	40.3 (1.59)	52.1 (1.60)	47.8 (1.56)	44.2 (2.14)	38.4 (5.05)	56.5 (3.13)	25.6 (3.40)
4 Eng., 3 S.S., 3 Sci., 3 Math	57.2 (1.58)	52.9 (1.65)	61.1 (1.70)	58.1 (1.70)	62.4 (2.44)	46.4 (5.46)	61.1 (3.11)	40.9 (5.56)
4 Eng., 3 S.S., 2 Sci., 2 Math	77.6 (1.58)	74.2 (1.86)	80.6 (1.44)	77.9 (1.84)	81.2 (2.23)	74.1 (3.24)	74.5 (3.05)	71.2 (4.44)

¹ Eng. = English; S.S. = social studies; Sci. = science; Comp. = computer science; and F.L. = foreign language.

² The National Commission on Excellence in Education recommended that all college-bound high school students take these courses as a minimum.

NOTE: Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; "1990 High School Transcript Study," "High School Transcript Study," various years. (This table was prepared November 2002.)

Table 141. Percent of public high school seniors who say they engage in various activities, by selected student and school characteristics: 1992

Activity	Total	Sex		Race/ethnicity					Socioeconomic status			Control of school attended		
		Male	Female	White	Black	Hispanic	Asian	American Indian	Low	Middle	High	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
At least once a week														
Use personal computer	23.7	28.1	19.3	23.9	23.6	20.9	27.0	23.8	18.9	23.3	27.7	23.4	25.2	28.0
Work on hobbies	40.9	44.4	37.4	42.0	34.8	39.9	37.8	49.8	36.3	41.1	43.5	40.6	43.4	43.2
Attend religious activities	31.0	28.1	33.8	31.4	33.7	26.9	30.4	14.6	22.2	29.4	39.9	29.4	38.8	54.9
Attend youth groups	22.4	24.6	20.1	22.5	23.3	18.5	26.4	22.1	16.6	21.3	28.1	21.8	22.9	33.3
Perform community service	11.3	10.7	11.9	11.1	12.1	10.9	14.0	9.2	7.7	9.5	16.7	9.7	22.3	31.2
Driving or riding around	73.3	74.3	72.3	75.7	67.8	66.2	66.7	71.0	69.6	75.3	72.4	73.4	77.8	63.0
Do things with friends	88.1	88.2	88.0	90.7	79.8	82.4	85.9	77.2	80.8	88.1	93.2	87.5	94.5	91.9
Do things with parent	66.7	61.2	72.1	68.2	62.0	63.8	63.4	61.2	59.6	66.3	71.7	66.0	73.6	72.8
Talk with other adult	47.7	45.4	49.9	48.8	44.3	46.2	43.0	44.0	47.6	49.0	45.0	47.3	46.4	58.8
Take music, art, or dance class	10.1	7.9	12.2	9.9	9.7	9.8	14.0	10.6	7.1	8.8	14.0	9.7	13.4	12.4
Take sports lessons	7.3	9.7	5.0	7.0	7.4	8.2	9.4	11.6	5.6	6.6	9.5	7.1	11.1	7.8
Play ball or other sport	26.3	38.8	14.0	27.1	22.9	23.6	28.7	29.4	20.7	24.5	33.1	25.6	34.0	31.4
More than an hour a day														
Reading for pleasure	55.4	53.1	57.7	56.3	51.0	53.5	54.4	59.3	51.6	55.0	58.6	55.0	56.0	62.9
Plays video games	13.0	19.2	6.8	11.7	19.9	13.0	13.5	21.1	16.9	13.7	9.4	13.3	10.4	8.9
Five or more hours on weekdays														
Watches television	8.4	8.5	8.4	6.4	21.3	9.3	6.4	12.7	12.0	9.4	4.1	8.7	7.9	4.1

NOTE: Socioeconomic status (SES) was measured by a composite score on parental education and occupations, and family income. The "Low" SES group is the lowest quartile; the "Middle" SES group is the middle two quartiles; and the "High" SES group is the upper quartile.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," Second Followup survey, and "High School and Beyond," First Followup survey. (This table was prepared March 1994.)

Table 142. Percent of high school seniors who participate in various school-sponsored extracurricular activities, by selected student characteristics: 1980 and 1992

Selected student characteristic	Academic clubs		Athletics		Cheerleading and drill team		Newspaper or yearbook		Music, drama, debate		Vocational clubs	
	1980	1992	1980	1992	1980	1992	1980	1992	1980	1992	1980	1992
1	2	3	4	5	6	7	8	9	10	11	12	13
All seniors	25.6	25.1	51.8	42.9	15.1	7.5	19.9	18.8	36.5	27.9	23.1	17.7
Sex												
Male	20.3	22.8	64.0	55.3	4.5	2.0	15.4	14.0	28.4	23.0	19.1	14.7
Female	30.9	27.4	40.6	30.3	24.8	13.0	24.0	23.5	44.0	32.7	26.7	20.6
Race/ethnicity												
White	25.0	25.8	51.6	44.1	14.9	7.4	20.1	19.7	35.8	28.1	22.3	17.6
Black	33.1	20.6	54.4	41.4	17.6	10.6	17.8	14.3	43.2	32.2	30.1	22.5
Hispanic	24.2	22.6	49.4	35.3	12.3	6.6	15.8	18.3	31.1	22.3	27.3	16.4
Asian	26.6	32.3	48.8	45.2	14.6	5.1	21.4	18.9	36.6	25.8	9.6	8.8
Test performance quartile ¹												
Lowest test quartile	24.6	18.1	46.3	40.3	15.0	8.5	14.6	12.0	31.8	23.3	33.0	25.0
Middle 2 test quartiles	24.3	23.3	49.4	42.3	16.0	7.6	18.7	17.1	35.6	26.5	24.2	20.0
Highest test quartile	29.0	37.1	54.0	49.0	13.5	7.9	27.1	27.9	43.4	35.2	12.4	11.4
Socioeconomic status ²												
Low quartile	24.6	19.4	43.2	33.9	13.0	6.7	15.7	14.2	31.0	24.1	30.6	24.8
Middle 2 quartiles	24.3	24.5	52.1	41.7	15.9	8.0	19.2	17.5	35.8	27.8	24.1	18.5
High quartile	29.0	31.7	61.7	53.9	15.6	7.7	25.3	25.5	43.8	31.6	13.4	9.3
Region												
Northwest	19.6	23.1	54.5	48.6	11.5	6.9	24.6	28.3	34.5	28.4	10.6	8.1
Midwest	21.4	25.4	52.8	45.8	15.3	8.0	18.4	18.2	37.1	32.0	20.0	18.4
South	30.8	28.2	48.2	38.8	18.0	8.5	18.8	15.0	37.9	25.6	40.0	27.2
West	21.9	21.6	52.9	40.6	14.0	6.0	16.8	16.5	35.2	25.6	15.8	10.0
High school program ³												
General	19.6	18.3	49.9	37.8	14.0	7.1	16.7	14.6	34.5	26.3	22.6	16.7
Academic	28.7	34.2	60.1	50.8	17.2	8.8	26.9	24.9	44.1	32.8	13.1	12.6
Vocational	23.1	14.7	42.4	30.1	13.3	4.9	13.2	11.2	27.7	16.2	39.3	41.2

¹ Composite of performance on mathematics, reading, science, and social studies tests.

³ Program as reported by student.

² Socioeconomic status (SES) was measured by a composite score on parental education and occupations, and family income. The "low" SES group is the lowest quartile; the "middle" SES group is the middle two quartiles; and the "high" SES group is the upper quartile.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," Senior Cohort; and "National Education Longitudinal Study of 1988," Second Followup survey. (This table was prepared February 1996.)

Table 143. Percentage distribution of 4th-graders, by time spent on homework and television viewing each day and selected student and school characteristics: Selected years, 1992 to 2000

Selected student and school characteristics	Time spent on homework each day					Amount of television watched each day						
	Don't have	Don't do	Half hour or less	One hour	More than one hour	None	One hour or less	Two hours	Three hours	Four hours	Five hours	Six or more hours
1	2	3	4	5	6	7	8	9	10	11	12	13
1992												
All students	16 (1.6)	2 (0.2)	39 (1.2)	28 (0.9)	15 (0.6)	2 (0.2)	17 (0.8)	21 (0.7)	19 (0.6)	13 (0.6)	9 (0.4)	20 (0.7)
Sex												
Male	18 (1.8)	3 (0.4)	39 (1.4)	26 (1.0)	14 (0.8)	2 (0.3)	16 (0.8)	20 (0.9)	18 (0.9)	13 (0.7)	9 (0.7)	21 (0.9)
Female	14 (1.5)	1 (0.3)	39 (1.4)	30 (1.1)	16 (0.8)	2 (0.3)	18 (1.2)	22 (0.9)	19 (0.9)	13 (0.8)	8 (0.6)	18 (0.9)
Race/ethnicity												
White, non-Hispanic	18 (1.9)	2 (0.3)	38 (1.5)	29 (1.2)	13 (0.6)	2 (0.3)	18 (0.9)	23 (1.0)	21 (0.8)	14 (0.7)	9 (0.6)	13 (0.8)
Black, non-Hispanic	10 (1.6)	3 (0.6)	45 (2.3)	24 (1.5)	18 (1.4)	2 (0.5)	11 (1.5)	11 (1.0)	12 (1.0)	10 (1.1)	9 (1.2)	44 (1.9)
Hispanic	11 (1.7)	4 (0.5)	39 (2.2)	28 (1.7)	18 (1.9)	2 (0.5)	15 (1.2)	20 (1.6)	14 (1.3)	13 (1.2)	9 (1.0)	27 (1.6)
Asian/Pacific Islander ..	10 (4.5)	1 (#)	39 (3.4)	28 (4.3)	22 (3.4)	3 (1.3)	26 (3.7)	17 (2.7)	15 (2.8)	11 (1.9)	7 (1.6)	21 (3.2)
American Indian/ Alaska Native	17 (5.0)	4 (2.4)	31 (5.7)	18 (4.2)	30 (5.7)	1 (#)	18 (3.8)	13 (3.3)	16 (3.7)	17 (3.3)	11 (3.3)	23 (4.4)
Control of school												
Public	17 (1.7)	2 (0.3)	40 (1.3)	26 (0.9)	14 (0.6)	2 (0.2)	16 (0.8)	21 (0.9)	19 (0.7)	13 (0.7)	9 (0.5)	21 (0.8)
Private	7 (1.8)	1 (0.2)	34 (2.4)	38 (2.2)	21 (1.9)	2 (0.6)	21 (2.3)	24 (1.5)	18 (1.4)	14 (1.1)	9 (1.0)	12 (1.4)
1994												
All students	13 (0.9)	3 (0.3)	39 (1.0)	30 (0.7)	15 (0.6)	2 (0.2)	17 (0.6)	21 (0.6)	17 (0.5)	13 (0.6)	9 (0.4)	21 (0.7)
Sex												
Male	14 (1.0)	5 (0.5)	39 (1.1)	28 (1.0)	15 (0.7)	2 (0.3)	15 (0.8)	19 (0.8)	16 (0.6)	13 (0.7)	10 (0.6)	25 (0.9)
Female	12 (1.1)	2 (0.2)	40 (1.2)	32 (1.0)	15 (0.8)	2 (0.3)	20 (0.9)	23 (0.8)	17 (0.9)	13 (0.8)	8 (0.6)	17 (0.9)
1998												
All students	8 (0.8)	2 (0.2)	43 (1.0)	31 (0.8)	16 (0.6)	3 (0.5)	21 (0.6)	22 (0.7)	19 (0.6)	11 (0.5)	8 (0.4)	16 (0.6)
Sex												
Male	9 (1.0)	3 (0.3)	41 (1.1)	30 (1.0)	16 (0.8)	3 (0.5)	18 (0.9)	22 (0.9)	18 (1.0)	12 (0.7)	8 (0.6)	18 (1.0)
Female	7 (0.7)	1 (0.2)	44 (1.2)	32 (1.0)	16 (0.7)	3 (0.5)	24 (0.8)	22 (0.8)	19 (0.7)	10 (0.6)	7 (0.5)	14 (0.7)
Race/ethnicity												
White, non-Hispanic	9 (1.0)	2 (0.2)	43 (1.2)	32 (1.1)	15 (0.7)	3 (0.7)	23 (0.9)	24 (0.8)	20 (0.8)	12 (0.7)	7 (0.6)	11 (0.8)
Black, non-Hispanic	6 (0.9)	3 (0.5)	45 (1.9)	27 (1.5)	19 (1.5)	2 (0.5)	14 (1.2)	14 (1.1)	14 (1.2)	11 (0.8)	12 (0.9)	34 (1.5)
Hispanic	7 (1.1)	3 (0.5)	42 (1.9)	30 (1.5)	18 (1.2)	3 (0.5)	21 (1.2)	19 (1.0)	18 (1.2)	11 (0.9)	8 (0.8)	19 (1.0)
Asian/Pacific Islander ..	4 (1.7)	1 (#)	39 (3.1)	36 (2.6)	20 (2.3)	4 (1.1)	26 (2.8)	20 (3.0)	16 (2.5)	10 (2.8)	9 (1.9)	14 (2.4)
American Indian/ Alaska Native	8 (2.2)	7 (2.0)	40 (4.9)	27 (2.8)	19 (3.6)	1 (#)	19 (3.6)	19 (2.3)	15 (2.6)	8 (2.1)	12 (3.1)	27 (3.4)
2000												
All students	10 (0.9)	2 (0.2)	43 (0.9)	29 (0.6)	16 (0.7)	2 (0.2)	23 (0.7)	23 (0.6)	17 (0.4)	11 (0.5)	6 (0.4)	18 (0.6)
Sex												
Male	11 (0.9)	3 (0.3)	43 (1.2)	27 (0.8)	16 (0.9)	2 (0.3)	20 (1.1)	21 (0.8)	18 (0.7)	11 (0.6)	7 (0.5)	22 (0.9)
Female	9 (1.0)	1 (0.2)	43 (1.1)	31 (0.9)	16 (0.7)	2 (0.3)	26 (0.9)	24 (0.8)	17 (0.7)	10 (0.6)	6 (0.4)	15 (0.7)
Race/ethnicity												
White, non-Hispanic	11 (1.1)	1 (0.2)	43 (1.2)	30 (0.8)	15 (0.9)	2 (0.3)	25 (0.9)	25 (0.9)	19 (0.6)	11 (0.6)	6 (0.5)	13 (0.7)
Black, non-Hispanic	8 (0.9)	4 (0.8)	45 (1.8)	26 (1.3)	17 (1.0)	1 (0.2)	14 (0.9)	13 (1.0)	13 (0.9)	10 (0.9)	8 (0.8)	42 (1.5)
Hispanic	7 (1.0)	3 (0.5)	43 (1.4)	29 (1.3)	18 (1.3)	2 (0.4)	22 (1.2)	21 (1.2)	16 (1.1)	10 (1.0)	7 (0.6)	22 (1.5)
Asian/Pacific Islander ..	1 (0.7)	1 (0.7)	42 (3.2)	35 (3.2)	21 (3.4)	6 (1.4)	29 (2.7)	28 (3.1)	15 (2.8)	8 (1.6)	7 (1.7)	8 (1.8)
American Indian/ Alaska Native	15 (4.7)	7 (2.2)	42 (5.4)	24 (4.5)	13 (2.6)	1 (#)	20 (3.6)	18 (2.2)	21 (3.8)	11 (3.4)	7 (2.2)	23 (3.4)
Control of school												
Public	10 (1.0)	2 (0.2)	44 (1.0)	29 (0.7)	15 (0.7)	2 (0.2)	22 (0.8)	22 (0.7)	17 (0.5)	11 (0.5)	6 (0.4)	19 (0.7)
Private	8 (1.6)	1 (0.4)	37 (1.6)	34 (1.5)	20 (1.7)	5 (1.0)	25 (1.4)	24 (0.9)	19 (0.8)	10 (0.9)	6 (0.7)	11 (1.3)
Type of location												
Central city	8 (1.0)	3 (0.4)	41 (1.4)	30 (1.1)	18 (1.2)	2 (0.4)	21 (0.9)	21 (1.1)	16 (0.6)	10 (0.8)	7 (0.6)	24 (1.3)
Urban fringe/large town	8 (1.3)	2 (0.3)	44 (1.3)	30 (1.2)	16 (1.1)	3 (0.3)	24 (1.3)	24 (1.0)	18 (0.8)	10 (0.7)	6 (0.6)	15 (1.0)
Rural/small town	15 (2.3)	2 (0.5)	44 (2.0)	27 (1.4)	12 (1.2)	2 (0.4)	22 (1.8)	23 (1.4)	19 (1.0)	13 (1.1)	6 (0.7)	16 (1.5)

#Rounds to zero.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, Main NAEP, National Reading Results, unpublished data, NAEP Data Tool (<http://nces.ed.gov/nationsreportcard/naepdata>). (This table was prepared November 2001.)

Table 144. 1990 tenth- and 1992 twelfth-graders' attendance patterns, by selected student and school characteristics

Attendance pattern	All students	Sex		Race/ethnicity					Socioeconomic status			Control of school attended		
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian	American Indian	Low	Middle	High	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Percent of 10th-graders in 1990														
Number of days missed first half of current school year														
None	14.3	17.1	11.6	13.0	21.2	12.5	23.1	12.0	13.1	15.0	14.9	14.0	18.3	15.1
1 or 2 days	23.2	24.9	21.5	22.8	27.2	20.6	28.6	12.5	20.0	23.0	26.6	22.6	26.4	33.6
3 or 4 days	27.7	27.1	28.3	28.8	24.5	25.0	23.9	33.7	25.3	27.6	29.5	27.9	26.6	27.7
5 or more days	34.8	30.9	38.7	35.4	27.1	41.9	24.4	41.9	41.6	34.3	29.0	35.4	28.8	23.5
Number of times late first half of current school year														
None	25.2	25.4	24.9	27.8	17.8	17.8	22.0	18.6	23.9	25.7	26.6	25.3	27.7	17.9
1 or 2 days	38.2	38.1	38.3	38.0	41.1	36.7	39.7	31.3	37.4	38.6	38.2	37.8	39.8	44.6
3 or more days	36.7	36.6	36.8	34.2	41.1	45.5	38.3	50.1	38.7	35.7	35.2	36.9	32.4	37.5
Cut classes														
Never or almost never	84.8	83.5	86.2	85.8	86.5	75.8	87.1	81.4	82.3	84.5	89.0	84.0	95.2	90.9
At least sometimes	15.2	16.5	13.8	14.2	13.5	24.2	12.9	18.6	17.7	15.5	11.0	16.0	4.8	9.1
Percent of 12th-graders in 1992														
Number of days missed first half of current school year														
None	8.7	10.5	6.9	7.4	15.8	6.9	15.6	11.3	8.7	8.6	8.8	8.6	10.2	9.1
1 or 2 days	30.3	30.8	29.9	29.9	31.0	31.6	34.3	22.4	27.5	30.8	31.7	30.2	31.2	32.7
3 to 6 days	35.0	35.0	35.1	36.2	31.2	34.4	27.4	37.8	34.0	34.0	37.7	34.8	37.5	37.8
7 or more days	25.9	23.7	28.2	26.5	22.1	27.1	22.7	28.6	29.8	26.6	21.8	26.4	21.1	20.5
Number of times late first half of current school year														
None	19.0	17.7	20.3	20.6	14.0	14.7	16.2	19.1	19.7	19.0	18.7	19.2	19.5	12.3
1 or 2 days	33.5	32.4	34.5	34.4	32.1	28.7	33.8	25.3	32.8	34.2	33.1	33.0	36.4	37.6
3 or more days	47.6	49.9	45.2	45.0	53.9	56.6	50.0	55.6	47.5	46.8	48.2	47.8	44.1	50.1
Cut classes														
Never or almost never	75.6	72.8	78.4	76.5	77.7	67.9	72.7	73.7	76.2	75.6	75.4	74.3	87.1	86.3
At least sometimes	24.4	27.2	21.6	23.5	22.3	32.1	27.3	26.3	23.8	24.4	24.6	25.7	12.9	13.7

NOTE: Socioeconomic status (SES) was measured by a composite score on parental education and occupations, and family income. The "low" SES group is the lowest quartile; the "middle" SES group is the middle two quartiles; and the "high" SES group is the upper quartile.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," First and Second Followup surveys. (This table was prepared March 1994.)

Table 145. Percent of public schools reporting crime incidents, number of crime incidents, and the seriousness of crime incidents reported, by school characteristics: 1996–97

School characteristic	No incidents reported	Any incidents reported			Serious violent crimes						
		Total, all crimes			Total			Rape or other sexual battery		Physical attacks or fights with weapons	
		Percent of schools	Number of incidents, in thousands	Number of incidents, per 100,000 students	Percent of schools	Number of incidents, in thousands	Number of incidents per 100,000 students	Percent of schools	Number of incidents, in thousands	Percent of schools	Number of incidents, in thousands
1	2	3	4	5	6	7	8	9	1	11	12
All public schools	43 (2.1)	57 (2.1)	424.8 (27.6)	1,003 (66)	10 (0.8)	22.6 (3.3)	53 (8)	3 (0.5)	4.2 (0.7)	6 (0.5)	11.0 (1.9)
Instructional level											
Elementary school	55 (3.2)	45 (3.2)	78.9 (10.9)	352 (49)	4 (1.1)	2.9 (0.8)	13 (4)	1 (0.5)	0.7 (0.4)	2 (0.8)	1.6 (0.6)
Middle school	26 (2.3)	74 (2.3)	136.4 (16.6)	1,623 (184)	19 (1.9)	7.8 (2.4)	93 (29)	5 (1.2)	1.4 (0.4)	12 (1.2)	4.1 (1.4)
High school	23 (2.4)	77 (2.4)	209.5 (14.9)	1,807 (130)	21 (2.1)	11.9 (1.8)	103 (16)	8 (1.3)	2.1 (0.3)	13 (1.5)	5.3 (1.1)
Size of enrollment											
Less than 300	62 (4.9)	38 (4.9)	40.3 (7.9)	1,073 (189)	4 (1.4)	2.3 (1.3)	61 (35)	1 (0.6)	0.3 (0.2)	2 (0.9)	1.4 (1.0)
300 to 999	40 (2.2)	60 (2.2)	204.1 (16.7)	730 (62)	9 (1.2)	10.8 (2.8)	38 (10)	2 (0.6)	2.0 (0.6)	6 (0.8)	5.7 (1.6)
1,000 or more	11 (2.3)	89 (2.3)	180.4 (17.8)	1,692 (163)	33 (2.4)	9.6 (1.2)	90 (11)	11 (1.7)	1.8 (0.3)	20 (2.0)	3.9 (0.5)
Locale											
City	41 (3.7)	59 (3.7)	146.7 (17.2)	1,164 (141)	17 (2.1)	11.9 (2.6)	95 (21)	5 (1.0)	1.9 (0.4)	10 (1.7)	5.4 (1.5)
Urban fringe	42 (3.2)	58 (3.2)	110.6 (16.0)	882 (126)	11 (1.8)	4.7 (1.0)	38 (8)	4 (1.0)	1.1 (0.3)	6 (1.2)	2.1 (0.4)
Town	37 (3.8)	63 (3.8)	104.0 (9.2)	1,023 (96)	5 (1.4)	2.8 (1.3)	28 (13)	1 (0.5)	0.3 (0.1)	3 (0.9)	1.7 (1.0)
Rural	53 (4.2)	47 (4.2)	63.3 (8.9)	899 (125)	8 (1.5)	3.1 (0.7)	45 (10)	2 (0.9)	0.8 (0.4)	5 (1.2)	1.8 (0.6)
Region											
Northeast	48 (4.4)	52 (4.4)	67.4 (12.5)	806 (140)	7 (1.1)	3.2 (0.6)	39 (8)	2 (0.6)	0.5 (0.1)	4 (1.0)	1.1 (0.3)
Southeast	41 (3.8)	59 (3.8)	95.4 (12.0)	922 (122)	9 (1.6)	4.1 (1.1)	40 (10)	4 (0.9)	1.2 (0.3)	5 (1.3)	1.6 (0.4)
Central	49 (4.5)	51 (4.5)	95.2 (15.2)	954 (146)	11 (2.2)	7.8 (2.5)	78 (25)	3 (1.0)	1.2 (0.5)	6 (1.4)	4.3 (1.6)
West	36 (3.5)	64 (3.5)	166.8 (12.2)	1,218 (95)	12 (1.4)	7.5 (1.4)	55 (11)	3 (0.8)	1.3 (0.3)	8 (1.2)	3.9 (1.0)
Percent minority enrollment											
Less than 5 percent	53 (3.7)	47 (3.7)	66.2 (8.6)	693 (87)	6 (1.3)	1.8 (0.4)	19 (5)	2 (0.8)	0.7 (0.3)	3 (0.9)	0.9 (0.2)
5 to 19 percent	42 (3.8)	58 (3.8)	89.1 (10.2)	871 (90)	11 (2.1)	4.1 (1.4)	40 (13)	3 (1.2)	0.8 (0.3)	6 (1.2)	2.4 (1.0)
20 to 49 percent	42 (3.6)	58 (3.6)	103.5 (14.1)	1,018 (129)	11 (1.6)	5.2 (0.9)	51 (9)	4 (0.7)	1.5 (0.3)	7 (1.6)	2.2 (0.5)
50 percent or more	32 (3.2)	68 (3.2)	159.4 (21.9)	1,325 (181)	15 (1.8)	11.5 (2.8)	96 (25)	4 (1.0)	1.3 (0.3)	9 (1.3)	5.4 (1.5)
Percent of students eligible for free or reduced-price school lunch											
Less than 20 percent	46 (3.3)	54 (3.3)	91.7 (9.9)	813 (80)	9 (1.5)	2.9 (0.6)	26 (5)	3 (0.8)	0.8 (0.2)	5 (1.2)	1.4 (0.3)
20 to 34 percent	47 (4.3)	53 (4.3)	84.1 (11.6)	916 (134)	12 (2.0)	5.3 (1.1)	58 (11)	3 (1.0)	1.1 (0.4)	6 (1.3)	2.4 (0.5)
35 to 49 percent	41 (5.0)	59 (5.0)	72.9 (11.4)	1,073 (175)	12 (2.3)	3.3 (0.8)	49 (11)	4 (1.7)	1.0 (0.4)	6 (1.7)	1.5 (0.5)
50 to 74 percent	41 (4.1)	59 (4.1)	93.9 (16.1)	1,167 (194)	9 (1.4)	5.5 (2.5)	68 (31)	2 (0.4)	0.6 (0.2)	6 (1.3)	2.9 (1.5)
75 percent or more	41 (4.7)	59 (4.7)	75.8 (10.6)	1,125 (151)	10 (1.7)	5.4 (1.3)	81 (22)	3 (0.9)	0.6 (0.2)	7 (1.4)	2.7 (1.0)

See notes at end of table.

Table 145. Percent of public schools reporting crime incidents, number of crime incidents, and the seriousness of crime incidents reported, by school characteristics: 1996–97—Continued

School characteristic	Serious violent crimes		Less serious or nonviolent crimes								
	Robbery		Total, less serious or nonviolent crime only			Physical attacks or fights without weapons		Theft or larceny		Vandalism	
	Percent of schools	Number of incidents, in thousands	Percent of schools	Number of incidents, in thousands	Number of incidents per 100,000 students	Percent of schools	Number of incidents, in thousands	Percent of schools	Number of incidents, in thousands	Percent of schools	Number of incidents, in thousands
1	13	14	15	16	17	18	19	20	21	22	23
All public schools	3 (0.4)	7.2 (1.5)	47 (2.1)	401.9 (26.0)	949 (63)	28 (1.1)	187.9 (17.0)	31 (1.5)	115.5 (8.4)	38 (1.6)	98.5 (5.6)
Instructional level											
Elementary school	1 (0.4)	0.4 (0.2)	41 (3.2)	75.8 (11.0)	339 (49)	12 (1.7)	21.5 (7.0)	19 (2.0)	19.5 (3.4)	30 (2.3)	34.9 (4.2)
Middle school	5 (0.9)	2.3 (1.0)	55 (2.8)	128.6 (13.8)	1,530 (162)	51 (2.3)	73.3 (10.4)	44 (2.5)	31.5 (3.4)	47 (2.6)	23.8 (2.3)
High school	8 (1.0)	4.4 (0.9)	56 (3.0)	197.5 (14.3)	1,704 (124)	55 (2.9)	93.1 (9.4)	55 (3.1)	64.6 (5.7)	52 (2.7)	39.9 (2.9)
Size of enrollment											
Less than 300	— (—)	0.2 (0.2)	34 (4.4)	37.7 (7.1)	1,013 (173)	17 (2.9)	15.6 (3.7)	18 (3.1)	9.9 (2.3)	23 (3.9)	12.3 (2.4)
300 to 999	2 (0.5)	3.0 (1.2)	50 (2.5)	193.4 (15.0)	692 (55)	26 (1.4)	87.9 (10.7)	30 (1.8)	51.4 (4.4)	40 (1.7)	54.0 (4.1)
1,000 or more	16 (1.8)	3.9 (0.8)	56 (3.2)	170.8 (17.3)	1,602 (158)	67 (3.0)	84.4 (11.5)	68 (3.2)	54.2 (5.3)	62 (3.3)	32.2 (3.6)
Locale											
City	8 (1.3)	4.5 (1.2)	42 (4.1)	134.8 (14.9)	1,070 (123)	30 (2.4)	62.1 (9.2)	34 (2.7)	39.9 (4.2)	41 (3.2)	32.8 (3.4)
Urban fringe	3 (0.7)	1.5 (0.6)	47 (3.2)	105.9 (15.7)	845 (122)	28 (2.6)	54.8 (11.5)	29 (2.4)	28.3 (4.1)	37 (2.9)	22.8 (3.5)
Town	1 (0.4)	0.6 (0.4)	58 (3.7)	101.0 (8.9)	995 (93)	32 (2.3)	46.3 (5.8)	36 (3.5)	29.0 (3.5)	44 (3.5)	25.7 (2.8)
Rural	1 (0.6)	0.5 (0.3)	39 (4.1)	60.2 (8.5)	854 (120)	21 (2.6)	24.7 (4.3)	24 (3.3)	18.3 (3.6)	30 (3.7)	17.2 (2.7)
Region											
Northeast	3 (0.6)	1.6 (0.4)	45 (4.7)	64.2 (12.3)	768 (138)	23 (2.3)	29.1 (6.8)	26 (3.3)	18.1 (4.8)	37 (3.6)	17.1 (2.4)
Southeast	2 (0.6)	1.3 (0.7)	50 (3.9)	91.3 (11.4)	883 (116)	29 (2.7)	50.7 (8.8)	32 (3.6)	23.3 (3.1)	36 (3.1)	17.3 (1.8)
Central	3 (0.8)	2.1 (1.0)	40 (4.1)	87.2 (13.4)	876 (127)	26 (2.6)	45.6 (10.0)	26 (2.7)	23.0 (2.8)	30 (3.6)	18.6 (2.7)
West	4 (0.8)	2.2 (0.5)	52 (3.7)	159.2 (12.1)	1,164 (94)	32 (3.0)	62.5 (7.3)	38 (3.0)	51.2 (5.0)	47 (3.5)	45.5 (4.4)
Percent minority enrollment											
Less than 5 percent	1 (0.5)	0.3 (0.1)	41 (3.5)	64.5 (8.5)	674 (86)	22 (2.4)	24.3 (3.3)	24 (2.8)	21.4 (3.6)	29 (3.3)	18.7 (2.8)
5 to 19 percent	2 (0.8)	0.6 (0.2)	47 (3.6)	84.7 (9.7)	830 (87)	27 (3.0)	35.6 (5.1)	28 (3.1)	29.4 (4.5)	40 (3.0)	19.7 (2.9)
20 to 49 percent	3 (0.8)	1.5 (0.5)	47 (3.6)	98.3 (13.6)	968 (125)	32 (2.9)	54.0 (9.3)	31 (3.3)	25.9 (4.0)	38 (3.5)	18.5 (2.2)
50 percent or more	7 (1.1)	4.8 (1.4)	53 (3.9)	147.9 (20.0)	1,229 (163)	32 (3.1)	72.6 (13.7)	41 (3.5)	34.8 (4.6)	47 (3.3)	40.4 (5.2)
Percent of students eligible for free or reduced-price school lunch											
Less than 20 percent	1 (0.5)	0.7 (0.3)	46 (3.2)	88.8 (9.8)	787 (80)	29 (2.5)	40.0 (5.5)	30 (2.7)	29.5 (3.9)	37 (3.6)	19.3 (2.3)
20 to 34 percent	3 (0.7)	1.6 (0.6)	42 (4.3)	78.6 (11.0)	858 (127)	27 (2.9)	34.9 (7.7)	25 (2.9)	26.1 (4.4)	34 (4.0)	17.7 (2.3)
35 to 49 percent	3 (1.1)	0.9 (0.4)	48 (5.0)	69.6 (11.2)	1,024 (172)	28 (3.4)	33.3 (7.0)	35 (4.8)	21.6 (3.8)	38 (4.4)	14.7 (2.0)
50 to 74 percent	4 (1.0)	2.0 (1.0)	49 (4.5)	88.5 (14.3)	1,099 (170)	28 (3.4)	45.9 (9.9)	31 (3.6)	22.4 (3.4)	39 (3.6)	20.2 (2.6)
75 percent or more	6 (1.2)	2.0 (0.5)	49 (4.7)	70.4 (10.1)	1,044 (141)	25 (3.0)	28.8 (5.9)	35 (3.9)	15.8 (2.7)	42 (3.9)	25.8 (4.3)

NOTE: Serious violent crime means that at least one of the following crimes occurred at the school and police were contacted: murder, rape or other type of sexual battery, suicide, physical attack or fight with weapon, or robbery. Less serious or nonviolent crime means that no serious violent crimes occurred and the police were called: physical attack or fight without weapon, theft/larceny, or vandalism. No incidents means that the school reporting did not contact the police for any of the specified crimes. Specified

crimes may have occurred but police were not contacted, or other, nonspecified crimes may have occurred at the school. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Violence and Discipline Problems in U.S. Public Schools: 1996–97*. (This table was prepared August 2000.)

Table 146. Percentage of schools with various security measures, by control and selected characteristics: 1999–2000

Selected school characteristic	Total schools		Percent of schools with security measures							
	Number	Percentage distribution	Required visitor sign-in	Daily metal detector checks ¹	Random metal detector checks	Closed lunch ²	Drug sweeps	Daily presence of police or security	Video surveillance	Violence prevention program
1	2	3	4	5	6	7	8	9	10	11
Public total	84,735 (284.6)	100.0	96.6 (0.2)	1.7 (0.1)	7.7 (0.2)	89.7 (0.3)	20.9 (0.4)	23.4 (0.4)	14.9 (0.4)	59.2 (0.7)
School enrollment										
Under 300	24,626 (444.2)	29.1	91.1 (0.7)	2.1 (0.4)	5.0 (0.4)	82.2 (1.0)	22.0 (1.0)	12.7 (0.9)	9.7 (0.8)	53.0 (1.3)
300 to 499	22,733 (479.2)	26.8	98.5 (0.3)	0.9 (0.2)	5.2 (0.4)	91.9 (0.6)	15.2 (0.8)	12.5 (0.8)	13.1 (0.8)	59.9 (1.3)
500 to 999	28,788 (428.8)	34.0	99.1 (0.2)	1.3 (0.2)	8.5 (0.5)	95.1 (0.5)	19.7 (0.7)	25.8 (0.7)	15.6 (0.7)	62.2 (1.2)
1,000 to 1,499	5,454 (217.2)	6.4	98.3 (0.7)	2.5 (0.6)	17.3 (1.5)	89.7 (0.8)	35.6 (1.6)	66.0 (2.4)	30.1 (1.7)	62.9 (2.1)
1,500 or more	3,133 (109.8)	3.7	99.4 (0.2)	5.9 (1.4)	23.8 (2.0)	82.2 (1.3)	38.5 (2.4)	90.3 (1.8)	35.7 (1.9)	69.9 (1.9)
Percent of students eligible for free or reduced-price school lunch										
Less than 15	19,877 (454.7)	23.5	95.1 (0.6)	0.3 (0.1)	3.6 (0.4)	84.9 (0.8)	20.4 (0.8)	23.4 (0.8)	16.7 (1.0)	54.4 (1.6)
15 to 29	16,634 (458.7)	19.6	96.7 (0.5)	0.6 (0.2)	4.6 (0.4)	88.2 (1.0)	21.1 (1.0)	20.5 (1.0)	14.9 (0.9)	55.5 (1.5)
30 to 49	18,188 (449.1)	21.5	96.9 (0.6)	1.3 (0.3)	6.9 (0.6)	89.7 (0.8)	23.0 (1.2)	20.1 (1.0)	13.0 (0.8)	61.1 (1.6)
50 to 74	15,758 (405.9)	18.6	96.7 (0.5)	2.2 (0.3)	11.8 (1.0)	92.7 (0.6)	19.5 (1.2)	21.3 (1.1)	13.3 (1.0)	62.2 (1.6)
75 to 100	14,279 (357.6)	16.9	97.8 (0.4)	4.9 (0.6)	13.4 (0.8)	94.6 (0.6)	20.2 (1.3)	33.3 (1.5)	16.4 (1.1)	64.5 (1.6)
Community type										
Central city	20,395 (303.5)	24.1	98.4 (0.3)	5.0 (0.5)	14.2 (0.8)	92.8 (0.6)	15.1 (0.9)	27.5 (1.2)	15.5 (0.8)	65.8 (1.5)
Urban fringe/large town ..	37,786 (412.5)	44.6	98.2 (0.3)	0.6 (0.1)	4.9 (0.3)	91.4 (0.6)	16.7 (0.5)	32.6 (0.7)	15.0 (0.7)	57.5 (1.0)
Rural/small town	26,555 (352.3)	31.3	92.8 (0.6)	0.7 (0.1)	6.7 (0.4)	84.9 (0.7)	31.3 (1.0)	13.8 (0.7)	14.1 (0.7)	56.7 (1.2)
Level ³										
Elementary	60,485 (249.8)	71.4	96.8 (0.3)	0.8 (0.1)	5.0 (0.3)	94.4 (0.4)	10.0 (0.5)	14.6 (0.6)	10.9 (0.5)	59.2 (0.9)
Secondary	20,885 (189.9)	24.6	96.4 (0.5)	3.1 (0.3)	13.9 (0.5)	77.3 (0.8)	49.3 (0.7)	48.1 (0.8)	25.5 (0.7)	59.1 (1.0)
Combined	3,364 (154.0)	4.0	93.4 (1.2)	8.5 (2.1)	18.9 (1.7)	82.0 (2.3)	40.0 (2.5)	28.6 (2.4)	19.7 (2.2)	61.1 (2.2)
Private total	27,223 (238.6)	100.0	80.7 (1.1)	0.6 (0.2)	0.8 (0.2)	91.6 (0.7)	4.8 (0.4)	4.8 (0.5)	8.1 (0.6)	23.6 (1.0)
School enrollment										
Under 300	21,890 (297.0)	80.4	78.2 (1.4)	0.7 (0.3)	0.8 (0.2)	91.0 (0.9)	4.2 (0.5)	3.2 (0.6)	6.4 (0.7)	21.0 (1.2)
300 to 499	3,288 (132.7)	12.1	92.8 (1.0)	# (#)	# (#)	95.3 (0.9)	4.3 (0.7)	7.1 (1.1)	12.8 (1.5)	34.4 (2.0)
500 to 999	1,752 (96.3)	6.4	89.1 (1.1)	# (#)	# (#)	92.9 (1.3)	12.4 (1.5)	14.2 (1.3)	17.0 (1.5)	33.9 (2.0)
1,000 or more	293 (32.4)	1.1	81.7 (4.7)	# (#)	# (#)	91.8 (5.9)	6.2 (1.4)	42.0 (5.4)	31.1 (5.9)	30.1 (3.7)
Percent of students eligible for free or reduced-price school lunch										
Less than 15	25,898 (280.2)	95.1	80.6 (1.2)	0.4 (0.1)	0.7 (0.2)	91.8 (0.7)	4.2 (0.4)	5.0 (0.5)	7.9 (0.7)	22.8 (0.9)
15 to 29	610 (92.9)	2.2	89.3 (4.0)	# (#)	# (#)	93.5 (3.2)	14.9 (6.6)	# (#)	5.8 (3.2)	39.4 (8.0)
30 percent or more	715 (117.7)	2.6	77.8 (7.6)	7.3 (5.5)	5.5 (2.6)	84.2 (7.4)	15.5 (5.6)	1.9 (1.1)	17.0 (4.0)	39.8 (7.1)
Community type										
Central city	11,534 (241.4)	42.4	84.9 (1.8)	0.4 (0.4)	0.6 (0.3)	92.5 (1.0)	3.9 (0.5)	6.0 (0.7)	10.8 (1.0)	25.9 (1.6)
Urban fringe/large town ..	10,860 (322.2)	39.9	83.3 (1.6)	0.9 (0.3)	1.2 (0.4)	93.6 (1.1)	4.2 (0.6)	3.7 (0.9)	7.3 (1.0)	21.3 (1.4)
Rural/small town	4,829 (256.2)	17.7	64.9 (3.3)	# (#)	# (#)	85.1 (2.2)	8.3 (1.3)	4.3 (1.3)	3.6 (1.4)	23.3 (2.5)
Level ³										
Elementary	16,562 (278.4)	60.8	80.7 (1.7)	0.3 (0.3)	0.2 (0.1)	94.0 (1.1)	1.3 (0.4)	2.6 (0.6)	7.8 (0.8)	24.6 (1.2)
Secondary	2,583 (126.4)	9.5	80.7 (2.1)	# (#)	3.5 (1.5)	84.7 (2.6)	18.8 (1.9)	15.9 (2.7)	13.1 (2.4)	31.0 (2.6)
Combined	8,078 (276.2)	29.7	80.7 (2.1)	1.1 (0.4)	1.0 (0.3)	88.9 (1.5)	7.3 (1.0)	5.7 (0.9)	7.2 (1.0)	19.1 (1.7)

Rounds to zero.

¹ All students must pass through a metal detector each day.

² All or most students are required to stay on school grounds during lunch.

³ Elementary includes schools that have grade 6 or below, with no grade higher than 8; secondary schools have no grade lower than 7; and combined schools have grades lower than 7 and higher than 8.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Questionnaire," "Private School Questionnaire," and "Charter School Questionnaire," 1999–2000. (This table was prepared November 2002.)

Table 147. Suspensions and expulsions of public elementary and secondary school students, by state, sex, and percent of enrollment: 2000

State	Suspensions ¹			Suspensions as a percent of enrollment, by sex			Expulsions			Expulsions as a percent of enrollment, by sex		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	3,053,449	2,182,273	871,176	6.6	9.2	3.9	97,177	74,852	22,325	0.21	0.31	0.10
Alabama	56,436	39,371	17,065	7.8	10.5	4.8	745	572	173	0.10	0.15	0.05
Alaska	7,324	5,315	2,009	5.5	7.8	3.1	261	212	49	0.20	0.31	0.08
Arizona	33,753	24,990	8,763	7.6	10.9	4.0	589	470	119	0.13	0.20	0.05
Arkansas	47,022	34,533	12,489	5.4	7.7	2.9	1,473	1,043	430	0.17	0.23	0.10
California	414,736	311,457	103,279	7.0	10.2	3.6	14,970	12,238	2,732	0.25	0.40	0.09
Colorado	44,419	32,406	12,013	6.3	8.9	3.5	1,904	1,561	343	0.27	0.43	0.10
Connecticut	38,305	26,744	11,561	7.2	9.8	4.4	669	530	139	0.13	0.19	0.05
Delaware	13,276	8,867	4,409	11.8	15.3	8.1	158	119	39	0.14	0.21	0.07
District of Columbia	3,838	2,402	1,436	6.1	7.7	4.5	0	0	0	0.00	0.00	0.00
Florida	198,801	139,323	59,478	8.4	11.4	5.2	872	665	207	0.04	0.05	0.02
Georgia	104,216	73,429	30,787	7.4	10.2	4.4	2,519	1,999	520	0.18	0.28	0.08
Hawaii	7,327	4,961	2,366	4.0	5.3	2.7	4	4	0	0.00	0.00	0.00
Idaho	8,144	6,124	2,020	3.4	4.9	1.7	308	248	60	0.13	0.20	0.05
Illinois	89,559	62,295	27,264	4.4	6.0	2.8	1,919	1,467	452	0.10	0.14	0.05
Indiana	87,535	62,935	24,600	8.8	12.3	5.1	7,792	5,601	2,191	0.78	1.10	0.45
Iowa	17,687	13,028	4,659	3.7	5.2	2.0	220	170	50	0.05	0.07	0.02
Kansas	25,458	18,443	7,015	5.6	7.8	3.2	878	704	174	0.19	0.30	0.08
Kentucky	40,131	29,208	10,923	6.5	9.1	3.6	740	574	166	0.12	0.18	0.06
Louisiana	77,945	52,776	25,169	10.8	14.3	7.2	5,549	3,887	1,662	0.77	1.06	0.47
Maine	10,546	7,802	2,744	4.9	7.0	2.6	175	135	40	0.08	0.12	0.04
Maryland	50,128	34,555	15,573	6.0	8.0	3.8	815	607	208	0.10	0.14	0.05
Massachusetts	51,662	36,615	15,047	5.4	7.5	3.3	777	633	144	0.08	0.13	0.03
Michigan	124,394	88,103	36,291	7.3	10.0	4.4	2,780	2,066	714	0.16	0.23	0.09
Minnesota	44,642	33,437	11,205	5.3	7.7	2.7	644	421	223	0.08	0.10	0.05
Mississippi	51,141	35,766	15,375	10.3	14.2	6.4	1,605	1,248	357	0.32	0.49	0.15
Missouri	55,889	40,747	15,142	6.3	9.0	3.5	795	591	204	0.09	0.13	0.05
Montana	6,189	4,493	1,696	4.0	5.6	2.3	208	143	65	0.13	0.18	0.09
Nebraska	11,188	7,949	3,239	4.0	5.5	2.4	553	425	128	0.20	0.30	0.09
Nevada	16,378	11,713	4,665	4.9	6.8	2.9	777	598	179	0.23	0.35	0.11
New Hampshire	12,407	8,940	3,467	5.7	8.0	3.2	180	156	24	0.08	0.14	0.02
New Jersey	74,123	52,090	22,033	5.8	8.0	3.6	508	402	106	0.04	0.06	0.02
New Mexico	21,935	15,615	6,320	7.0	9.7	4.1	470	379	91	0.15	0.24	0.06
New York	119,163	86,822	32,341	4.2	5.9	2.3	1,533	1,121	412	0.05	0.08	0.03
North Carolina	120,520	85,350	35,170	9.6	13.3	5.7	2,319	1,763	556	0.19	0.28	0.09
North Dakota	2,590	1,855	735	2.4	3.3	1.4	75	38	37	0.07	0.07	0.07
Ohio	146,062	101,488	44,574	7.9	10.7	5.0	7,614	5,604	2,010	0.41	0.59	0.23
Oklahoma	37,988	27,357	10,631	6.2	8.7	3.6	1,356	1,040	316	0.22	0.33	0.11
Oregon	32,702	24,595	8,107	6.0	8.8	3.1	1,897	1,525	372	0.35	0.55	0.14
Pennsylvania	117,654	81,017	36,637	6.5	8.7	4.2	2,034	1,539	495	0.11	0.17	0.06
Rhode Island	14,641	10,190	4,451	9.3	12.6	5.8	259	191	68	0.16	0.24	0.09
South Carolina	98,479	67,342	31,137	14.6	19.6	9.5	4,328	3,391	937	0.64	0.99	0.28
South Dakota	3,746	2,716	1,030	2.9	4.1	1.6	155	122	33	0.12	0.18	0.05
Tennessee	81,753	55,814	25,939	9.0	12.0	5.9	3,241	2,472	769	0.36	0.53	0.17
Texas	187,196	134,376	52,820	4.8	6.7	2.8	11,527	9,068	2,459	0.29	0.45	0.13
Utah	13,119	9,883	3,236	2.8	4.1	1.4	1,614	1,263	351	0.34	0.52	0.15
Vermont	5,254	3,835	1,419	4.9	7.0	2.7	128	108	20	0.12	0.20	0.04
Virginia	88,494	62,115	26,379	7.8	10.6	4.8	1,734	1,381	353	0.15	0.24	0.06
Washington	62,012	47,257	14,755	6.2	9.2	3.1	3,671	2,932	739	0.37	0.57	0.15
West Virginia	44,531	30,712	13,819	5.2	7.0	3.4	1,288	993	295	0.15	0.23	0.07
Wisconsin	26,615	19,928	6,687	9.5	13.7	4.9	402	313	89	0.14	0.22	0.07
Wyoming	4,398	3,190	1,208	4.9	6.9	2.8	145	119	26	0.16	0.26	0.06

¹ Student can be suspended more than once during the same year.

SOURCE: U.S. Department of Education, Office of Civil Rights, "OCR Elementary and Secondary Survey: 2000." (This table was prepared October 2003.)

NOTE: Detail may not sum to totals due to rounding.

Table 148. Percent of students in grades 9 through 12 who reported experience with drugs and violence on school property, by race/ethnicity, grade, and sex: 1997, 1999, and 2001

Type of violence or drug-related behavior	1997	1999	2001												
	Total	Total	Total	Race/ethnicity			Grade								
				White, non-Hispanic	Black, non-Hispanic	Hispanic	9	10	11	12					
1	2	3	4	5	6	7	8	9	10	11					
Felt too unsafe to go to school¹															
Total	4.0	5.2	6.6 (0.5)	5.0 (0.6)	9.8 (0.8)	10.2 (0.7)	8.8 (0.9)	6.3 (0.7)	5.9 (0.6)	4.4 (0.4)					
Male	4.1	4.8	5.8 (0.6)	4.2 (0.7)	9.6 (1.0)	9.0 (0.8)	8.0 (1.0)	5.6 (0.8)	5.0 (0.8)	3.9 (0.6)					
Female	3.9	5.7	7.4 (0.7)	5.6 (0.7)	10.0 (1.2)	11.4 (0.8)	9.6 (1.1)	7.0 (0.9)	6.8 (0.9)	5.0 (0.6)					
Carried a weapon on school property^{1,2}															
Total	8.5	6.9	6.4 (0.5)	6.1 (0.6)	6.3 (0.9)	6.4 (0.5)	6.7 (0.7)	6.7 (0.6)	6.1 (0.7)	6.0 (0.7)					
Male	12.5	11.0	10.2 (0.9)	10.0 (1.1)	8.4 (1.5)	9.1 (0.9)	10.7 (1.1)	10.5 (1.0)	9.5 (1.3)	9.6 (1.1)					
Female	3.7	2.8	2.9 (0.3)	2.3 (0.3)	4.2 (0.7)	3.8 (0.8)	2.9 (0.4)	2.9 (0.5)	2.9 (0.5)	2.7 (0.6)					
Threatened or injured with a weapon on school property³															
Total	7.4	7.7	8.9 (0.6)	8.5 (0.7)	9.3 (0.7)	8.9 (1.1)	12.7 (0.9)	9.1 (0.8)	6.9 (0.7)	5.3 (0.5)					
Male	10.2	9.5	11.5 (0.7)	11.1 (0.9)	11.9 (1.3)	11.3 (1.4)	15.7 (1.2)	11.9 (0.9)	9.1 (0.9)	7.7 (0.9)					
Female	4.0	5.8	6.5 (0.5)	6.0 (0.6)	6.7 (0.8)	6.4 (1.2)	10.0 (1.0)	6.3 (0.8)	4.7 (0.7)	3.0 (0.5)					
Engaged in a physical fight on school property³															
Total	14.8	14.2	12.5 (0.5)	11.2 (0.6)	16.8 (1.3)	14.1 (0.9)	17.3 (0.8)	13.5 (0.9)	9.4 (0.7)	7.5 (0.6)					
Male	20.0	18.5	18.0 (0.8)	17.2 (0.9)	21.3 (1.6)	17.3 (1.4)	25.1 (1.3)	19.5 (1.5)	13.8 (1.1)	10.7 (1.1)					
Female	8.6	9.8	7.2 (0.5)	5.4 (0.6)	12.7 (1.6)	11.0 (1.0)	10.2 (0.9)	7.7 (0.7)	5.1 (0.6)	4.4 (0.7)					
Property stolen or deliberately damaged on school property³															
Total	32.9	—	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)					
Male	36.1	—	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)					
Female	29.0	—	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)					
Cigarette use on school property¹															
Total	14.6	14.0	9.9 (0.6)	11.3 (0.8)	4.9 (1.0)	7.7 (1.0)	8.8 (0.9)	10.2 (0.8)	10.0 (0.9)	10.8 (1.3)					
Male	15.9	14.8	11.3 (0.7)	12.8 (0.8)	7.2 (1.6)	7.5 (0.9)	11.1 (1.0)	10.7 (0.9)	11.8 (1.3)	12.1 (1.3)					
Female	13.0	13.2	8.5 (0.7)	9.8 (0.9)	2.8 (0.9)	7.9 (1.5)	6.7 (1.0)	9.8 (1.2)	8.3 (0.8)	9.6 (1.6)					
Smokeless tobacco use on school property⁴															
Total	5.1	4.2	5.0 (0.6)	6.2 (0.9)	1.1 (0.3)	2.7 (0.3)	3.8 (0.7)	5.9 (0.7)	5.1 (0.9)	5.3 (0.9)					
Male	9.0	8.1	9.4 (1.2)	11.9 (1.6)	2.0 (0.6)	4.3 (0.8)	7.4 (1.3)	10.8 (1.4)	9.5 (1.6)	10.4 (1.6)					
Female	0.4	0.3	0.7 (0.2)	0.7 (0.2)	0.3 (0.2)	1.0 (0.4)	0.4 (0.2)	1.2 (0.4)	0.8 (0.3)	0.4 (0.2)					
Alcohol use on school property¹															
Total	5.6	4.9	4.9 (0.3)	4.2 (0.3)	5.3 (0.7)	7.0 (0.7)	5.3 (0.5)	5.1 (0.5)	4.7 (0.5)	4.3 (0.5)					
Male	7.2	6.1	6.1 (0.4)	5.3 (0.5)	7.5 (0.9)	6.9 (0.9)	6.3 (0.6)	5.4 (0.6)	6.5 (0.8)	6.1 (0.8)					
Female	3.6	3.6	3.8 (0.4)	3.2 (0.5)	3.1 (0.6)	7.1 (0.9)	4.4 (0.7)	4.8 (0.7)	2.9 (0.5)	2.6 (0.7)					
Marijuana use on school property¹															
Total	7.0	7.2	5.4 (0.4)	4.8 (0.5)	6.1 (0.6)	7.4 (0.6)	5.5 (0.6)	5.8 (0.5)	5.1 (0.5)	4.9 (0.7)					
Male	9.0	10.1	8.0 (0.6)	7.4 (0.7)	10.2 (1.1)	9.0 (1.0)	8.0 (1.1)	8.6 (0.9)	7.7 (0.8)	7.5 (1.1)					
Female	4.6	4.4	2.9 (0.3)	2.2 (0.4)	2.3 (0.5)	5.8 (0.6)	3.0 (0.6)	3.2 (0.5)	2.5 (0.5)	2.4 (0.5)					
Offered, sold, or given an illegal drug on school property³															
Total	31.7	30.2	28.5 (1.0)	28.3 (1.3)	21.9 (1.7)	34.2 (1.2)	29.0 (1.6)	29.0 (1.4)	28.7 (1.4)	26.9 (1.3)					
Male	37.4	34.7	34.6 (1.2)	34.2 (1.5)	27.9 (2.4)	39.8 (1.9)	35.1 (2.3)	34.7 (1.7)	34.6 (1.8)	33.8 (1.7)					
Female	24.7	25.7	22.7 (1.0)	22.7 (1.3)	16.2 (1.6)	28.7 (1.3)	23.4 (1.6)	23.6 (1.7)	22.8 (1.4)	20.4 (1.9)					

—Not available.

¹ One or more times during the 30 days preceding the survey.

² Such as a gun, knife, or club.

³ One or more times during the 12 months preceding the survey.

⁴ Used chewing tobacco or snuff one or more times during the 30 days preceding the survey.

NOTE: Totals include other racial/ethnic groups not shown separately. Standard errors appear in parentheses.

SOURCE: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, *CDC Surveillance Summaries*, MMWR 47(SS-03) and 51(SS-04). (This table was prepared July 2002.)

Table 149. Percent of 12- to 17-year olds reporting drug use during the past 30 days and past year, by drug used: Selected years, 1982 to 2001

Type of drug	1982	1985	1988	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Percent reporting drug use during past 30 days															
Any illicit use ¹	—	13.2	8.1	7.1	5.8	5.3	5.7	8.2	10.9	9.0	11.4	9.9	9.8	9.7	10.8
Marijuana	9.9	10.2	5.4	4.4	3.6	3.4	4.0	6.0	8.2	7.1	9.4	8.3	7.2	7.2	8.0
Cocaine	1.9	1.5	1.2	0.6	0.4	0.3	0.4	0.3	0.8	0.6	1.0	0.8	0.5	0.6	0.4
Alcohol	34.9	41.2	33.4	32.5	27.0	20.9	23.9	21.6	21.1	18.8	20.5	19.1	16.5	16.4	17.3
Cigarettes	—	29.4	22.7	22.4	20.9	18.4	18.5	18.9	20.2	18.3	19.9	18.2	14.9	13.4	13.0
Percent reporting drug use during past year															
Any illicit use ¹	—	20.7	14.9	14.1	13.1	10.4	11.9	15.5	18.0	16.7	18.8	16.4	19.8	18.6	20.8
Marijuana	17.7	16.7	10.7	9.6	8.5	6.9	8.5	11.4	14.2	13.0	15.8	14.1	14.2	13.4	15.2
Cocaine	3.7	3.4	2.5	1.9	1.3	1.0	0.7	1.1	1.7	1.4	2.2	1.7	1.6	1.7	1.5
Alcohol	46.1	52.7	45.5	41.8	41.2	33.3	35.9	36.2	35.1	32.7	34.0	31.8	34.1	33.0	33.9
Cigarettes	—	29.9	26.8	26.2	23.7	21.4	22.5	24.5	26.6	24.2	26.4	23.8	23.4	20.8	20.0

—Not available.

¹ Includes other illegal drug use not shown separately.

NOTE: Marijuana includes hashish usage for 1996 and later years. Due to changes in the survey instrument and administration and to improve comparability with new data, estimates for 1982 through 1993 have been adjusted and may differ from those reported

in previous years. Data for 1999 have been revised from previously published figures. Data for 1999 through 2001 were gathered using Computer Assisted Interviewing (CAI) and may not be directly comparable to previous years.

SOURCE: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, "National Household Survey on Drug Abuse," selected years 1982–2001. (This table was prepared June 2003.)

Table 150. Percent of high school seniors reporting drug use, by type of drug and frequency of use: Selected years, 1975 to 2002

Type of drug and frequency of use	Class of 1975	Class of 1980	Class of 1985	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	Class of 2001	Class of 2002
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Percent reporting having ever used drugs																			
Alcohol ¹	90.4	93.2	92.2	92.2	92.0	90.7	89.5	88.0	87.5	80.0	80.4	80.7	79.2	81.7	81.4	80.0	80.3	79.7	78.4
Any illicit drug	55.2	65.4	60.6	56.6	53.9	50.9	47.9	44.1	40.7	42.9	45.6	48.4	50.8	54.3	54.1	54.7	54.0	53.9	53.0
Marijuana only	19.0	26.7	20.9	20.8	21.4	19.5	18.5	17.2	15.6	16.2	18.0	20.3	22.3	24.3	24.7	25.3	25.0	23.2	23.5
Any illicit drug other than marijuana ²	36.2	38.7	39.7	35.8	32.5	31.4	29.4	26.9	25.1	26.7	27.6	28.1	28.5	30.0	29.4	29.4	29.0	30.7	29.5
Use of selected drugs																			
Cocaine	9.0	15.7	17.3	15.2	12.1	10.3	9.4	7.8	6.1	6.1	5.9	6.0	7.1	8.7	9.3	9.8	8.6	8.2	7.8
Heroin	2.2	1.1	1.2	1.2	1.1	1.3	1.3	0.9	1.2	1.1	1.2	1.6	1.8	2.1	2.0	2.0	2.4	1.8	1.7
LSD	11.3	9.3	7.5	8.4	7.7	8.3	8.7	8.8	8.6	10.3	10.5	11.7	12.6	13.6	12.6	12.2	11.1	10.9	8.4
Marijuana/hashish	47.3	60.3	54.2	50.2	47.2	43.7	40.7	36.7	32.6	35.3	38.2	41.7	44.9	49.6	49.1	49.7	48.8	49.0	47.8
PCP	—	9.6	4.9	3.0	2.9	3.9	2.8	2.9	2.4	2.9	2.8	2.7	4.0	3.9	3.9	3.4	3.4	3.5	3.1
Percent reporting use of drugs in the past 12 months																			
Alcohol ¹	84.8	87.9	85.6	85.7	85.3	82.7	80.6	77.7	76.8	72.7	73.0	73.7	72.5	74.8	74.3	73.8	73.2	73.3	71.5
Any illicit drug	45.0	53.1	46.3	41.7	38.5	35.4	32.5	29.4	27.1	31.0	35.8	39.0	40.2	42.4	41.4	42.1	40.9	41.4	41.0
Marijuana only	18.8	22.7	18.9	17.6	17.4	15.4	14.6	13.2	12.2	13.9	17.8	19.6	20.4	21.7	21.2	21.4	20.5	19.8	20.1
Any illicit drug other than marijuana ²	26.2	30.4	27.4	24.1	21.1	20.0	17.9	16.2	14.9	17.1	18.0	19.4	19.8	20.7	20.2	20.7	20.4	21.6	20.9
Use of selected drugs																			
Cocaine	5.6	12.3	13.1	10.3	7.9	6.5	5.3	3.5	3.1	3.3	3.6	4.0	4.9	5.5	5.7	6.2	5.0	4.8	5.0
Heroin	1.0	0.5	0.6	0.5	0.5	0.6	0.5	0.4	0.6	0.5	0.6	1.1	1.0	1.2	1.0	1.1	1.5	0.9	1.0
LSD	7.2	6.5	4.4	5.2	4.8	4.9	5.4	5.2	5.6	6.8	6.9	8.4	8.8	8.4	7.6	8.1	6.6	6.6	3.5
Marijuana/hashish	40.0	48.8	40.6	36.3	33.1	29.6	27.0	23.9	21.9	26.0	30.7	34.7	35.8	38.5	37.5	37.8	36.5	37.0	36.2
PCP	—	4.4	2.9	1.3	1.2	2.4	1.2	1.4	1.4	1.4	1.6	1.8	2.6	2.3	2.1	1.8	2.3	1.8	1.1
Percent reporting use of drugs in the past 30 days																			
Alcohol ¹	68.2	72.0	65.9	66.4	63.9	60.0	57.1	54.0	51.3	48.6	50.1	51.3	50.8	52.7	52.0	51.0	50.0	49.8	48.6
Any illicit drug	30.7	37.2	29.7	24.7	21.3	19.7	17.2	16.4	14.4	18.3	21.9	23.8	24.6	26.2	25.6	25.9	24.9	25.7	25.4
Marijuana only	15.3	18.8	14.8	13.1	11.3	10.6	9.2	9.3	8.1	10.4	13.1	13.8	15.1	15.5	14.9	15.5	14.5	14.7	14.1
Any illicit drug other than marijuana ²	15.4	18.4	14.9	11.6	10.0	9.1	8.0	7.1	6.3	7.9	8.8	10.0	9.5	10.7	10.7	10.4	10.4	11.0	11.3
Use of selected drugs																			
Cocaine	1.9	5.2	6.7	4.3	3.4	2.8	1.9	1.4	1.3	1.3	1.5	1.8	2.0	2.3	2.4	2.6	2.1	2.1	2.3
Heroin	0.4	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.6	0.5	0.5	0.5	0.5	0.7	0.4	0.5
LSD	2.3	2.3	1.6	1.8	1.8	1.8	1.9	1.9	2.0	2.4	2.6	4.0	2.5	3.1	3.2	2.7	1.6	2.3	0.7
Marijuana/hashish	27.1	33.7	25.7	21.0	18.0	16.7	14.0	13.8	11.9	15.5	19.0	21.2	21.9	23.7	22.8	23.1	21.6	22.4	21.5
PCP	—	1.4	1.6	0.6	0.3	1.4	0.4	0.5	0.6	1.0	0.7	0.6	1.3	0.7	1.0	0.8	0.9	0.5	0.4

—Not available.
¹Survey question changed in 1993; data are not comparable to figures for earlier years.
²Other illicit drugs include any use of LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of other narcotics, amphetamines, barbiturates, or tranquilizers not under a doctor's orders.
 NOTE: A revised questionnaire was used in 1982 and later years to reduce the inappropriate reporting of non-prescription stimulants. This slightly reduced the positive responses for some types of drug abuse.
 SOURCE: University of Michigan, Institute for Social Research, "Monitoring the Future" Study, various years (This table was prepared June 2003.)

Table 151. Ages for compulsory school attendance, special education services for students, policies for year-round schools and kindergarten programs, by state: 1997 and 2000

State	Compulsory attendance, 2000	Compulsory special education services, 1997 ¹	Year-round schools, 2000		Provision of kindergarten education, 2000			
			Has policy on year-round schools	Has districts with year-round schools	School districts required to offer		Attendance required	
					Half day	Full day	Half day	Full day
1	2	3	4	5	6	7	8	9
Alabama	7 to 16	6 to 21		X		X		X
Alaska	7 to 16	3 to 22		X				
Arizona	² 6 to 16	3 to 22	X	X	X		X	
Arkansas	³ 5 to 17	5 to 21	X	X		X		X
California	⁴ 6 to 18	Birth to 21	X	X	X			
Colorado	—	3 to 21		X				
Connecticut	7 to 16	⁵ Under 21			X			
Delaware	⁶ 5 to 16	3 to 20			X		X	
District of Columbia	—	—	—	—	—	—	—	—
Florida	6 to 18	—	X	X		X		X
Georgia	6 to 16	⁵ Under 21		X		X		
Hawaii	6 to 18	Under 20	X	X		X		
Idaho	7 to 16	3 to 21		X				
Illinois	7 to 16	3 to 21	X	X	⁷ X			
Indiana	7 to 16	3 to 22		X	X			
Iowa	⁸ 6 to 16	Under 21	X	X	⁷ X			
Kansas	⁹ 7 to 18	⁽¹⁰⁾						
Kentucky	¹¹ 6 to 16	Under 21	X	X	X			
Louisiana	7 to 17	3 to 21		X		X		
Maine	7 to 17	¹² 5 to 19		X				
Maryland	5 to 16	Under 21		X	X		X	
Massachusetts	6 to 16	3 to 21			X			
Michigan	6 to 16	Under 26						
Minnesota	¹³ 7 to 18	Under 22	X	X	⁷ X			
Mississippi	6 to 17	Birth to 20				X		
Missouri	7 to 16	Under 21		X	⁷ X			
Montana	¹⁴ 7 to 16	3 to 18			X			
Nebraska	7 to 16	Birth to 21			X			
Nevada	7 to 17	Under 22	X	X	X			
New Hampshire	6 to 16	3 to 21						
New Jersey	6 to 16	5 to 21		X				
New Mexico	5 to 18	⁽¹⁵⁾		X	X		X	
New York	¹⁶ 6 to 16	Under 21						
North Carolina	7 to 16	5 to 20	X	X		X		
North Dakota	7 to 16	¹⁷ 3 to 20				¹⁸ X		
Ohio	6 to 18	Under 22		X	⁷ X		X	
Oklahoma	5 to 18	¹⁹ 3 and up	X		X		X	
Oregon	7 to 18	3 to 21		X	X			
Pennsylvania	8 to 17	6 to 21	X	X	X			
Rhode Island	6 to 16	3 to 21			X		X	
South Carolina	5 to 16	3 to 21		X		X		X
South Dakota	6 to 16	Under 21				¹⁸ X		
Tennessee	6 to 17	3 to 21		X	X		X	
Texas	6 to 18	²⁰ 3 to 21	X	X		¹⁸ X		
Utah	6 to 18	3 to 22	X	X	X		X	
Vermont	7 to 16	3 to 21				¹⁸ X		
Virginia	5 to 18	2 to 21		X		¹⁸ X		X
Washington	¹³ 8 to 18	²¹ 3 to 21		X				
West Virginia	6 to 16	5 to 21	X	X		X		X
Wisconsin	6 to 18	Under 21		X	X			
Wyoming	²⁶ 6 to 16	3 to 21			X			

—Not available.
¹ Most states have an upper age limit whereby education is provided up to a certain age or completion of secondary school, whichever comes first.
² Ages 6 to 16 or 10th grade completion.
³ Must have turned 17 by October 1.
⁴ At least 16 and have graduated high school or passed California High School Proficiency Exam (CHSPE) and obtained parental permission.
⁵ Under 21 or until child graduates from high school.
⁶ Must have turned 5 by August 31.
⁷ State requires either half-day or full-day program.
⁸ Must have turned 16 by September 15.
⁹ Eligible for waiver at 16.
¹⁰ School age, to be determined in accordance with rules and regulations adopted by the state board.
¹¹ Must have turned 6 by October 1.
¹² Must be 5 before October 1, and not 20 before start of school year, assistance in providing coordination of services from birth to age 6.
¹³ Eligible for waiver.

¹⁴ Age 16 and completion of eighth grade.
¹⁵ School-age unless otherwise provided by law.
¹⁶ Age 16 and completion of school year.
¹⁷ Must not be 21 by September 1.
¹⁸ State requires both half-day and full-day program.
¹⁹ Children from birth through two are eligible for additional services. Eligibility for special education services cease upon completion of a secondary education program, no age limit.
²⁰ For visually and auditorily impaired individuals under 21.
²¹ Student may complete school year if 21st birthday occurs while attending school.

NOTE: The Education of the Handicapped Act (EHA) Amendments of 1986 make it mandatory for all states receiving EHA funds to serve all 3- to 18-year-old disabled children.

SOURCE: Council of Chief State School Officers, *Key State Education Policies on K-12 Education 2000*; Education Commission of the States, "Clearinghouse Notes," August 1997; California Department of Education, Safe Schools and Violence Prevention Office, *School Attendance Review Boards, Feb. 2001*. (This table was prepared in May 2001.)

Table 152. State requirements for high school graduation, in Carnegie units: 2001

State	All courses	Subject areas										First graduating class to which these requirements apply	Minimum competency test is required to graduate	Notes
		English/language arts	Social studies	Mathematics	Science	Physical education/health	Arts/vocational	Technology	Electives	Other courses				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Alabama	24	4	4	4	4	4	1.5	0.5	0.5	0.5	2000	Yes	Social studies requirement consists of 1 unit of world history/geography, 2 units of U.S. history/geography, .5 units of economics and .5 units of government. Math requirement includes algebra I and geometry. Science includes 1 unit of biology and 1 unit of physical science. Physical education requirement consists of 1 unit of PE and .5 units of health. 6 levels of diploma offered. Numbers given are for basic academic program.	
Alaska	21	4	3	2	2	1	0	0	0	9	1978	Yes (class of 2004)	PE requirement includes health or PE.	
Arizona	20	4	2.5	2	2	0	1	0	8.5	—	1996	Yes (class of 2002)	English requirement includes .5 credits of the principles of speech and debate. Social studies requirement consists of 1 unit of world history/geography and 1.5 units of U.S./Arizona history and constitutions.	
Arkansas	21	4	3	3	3	1	0.5	0	6	.5 (oral communication)	2004	No	Information is for College Preparatory diploma. 4th unit of mathematics for students seeking unconditional college admission will be required in 2004.	
California	13	3	3	2	2	2	1	0	0	—	1989	Yes (class of 2004)	Social studies requirement consists of 1 unit of U.S. history/geography, 1 unit of world history, culture and geography; .5 units of American government and .5 units of economics. Science includes biological and physical sciences. Foreign language or American Sign Language may be substituted for visual/performing art credit.	
Colorado ¹	20	4	3	3	3	2	1	0	6	—	2004	No	Social studies requirement includes .5 units of civics and American government. By September 1, 2002, each local and regional board of education must specify basic skills required for graduation for the graduating class of 2006 and thereafter. Plans must include criteria for assessing student competencies. The results of the 10th grade Connecticut Academic Performance Test cannot be used as the sole basis for the graduation criteria but must be included as one alternative.	
Connecticut	22	4	3	3	3	3	1.5	0	3.5	3 (career pathway)	2000	Yes	PE requirement includes .5 units of health and 1 unit in PE. Level of diploma (basic, standard, or distinguished) partially determined by students' score on Delaware Student Testing Program (DSTP).	
Delaware	23.5	4	3.5	3	3	1.5	2	0	4.5	2 (foreign language)	1995	No	Social studies requirement consists of 1 unit of U.S. history, 1 unit of world history, .5 units of U.S. government, .5 units of world geography and .5 units of D.C. history/government. Math requirement includes algebra. Science requirement includes 1 unit of laboratory science. Students must complete 100 hours of community service in order to graduate.	
District of Columbia	24	4	3	3	3	1.5	1	0	8.5	—	2003	Yes (class of 2003)	Social studies requirement includes 1 unit of American history, 1 unit of world history, .5 units of economics and .5 units of American government. Two science units must have a laboratory component. Math requirement includes successful completion of algebra I. The PE requirement includes .5 units of life management skills and 1 unit of PE. Students must achieve a 2.0 GPA to graduate.	
Florida	22	4	3	4	3	1	0	0	4	3 (2 units of foreign language; plus 1 unit of the following: computer technology, fine arts, technology/career preparatory, or 1 additional unit of foreign language)	2001	Yes	College Preparatory Plus Diploma requires 2 more academic electives.	
Georgia ^{2,3}														

See notes at end of table.

Table 152. State requirements for high school graduation, in Carnegie units: 2001—Continued

State	All courses	Subject areas										First grad- uating class to which these re- quire- ments apply	Minimum com- petency test is re- quired to graduate	Notes
		English/ language arts	Social studies	Mathe- matics	Science	Physical education/ health	Arts/ voca- tion	Tech- nology	Elec- tives	Other courses				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Hawaii	22	4	4	3	3	1.5	0	0	6	.5 (guidance)	1997	No	Social studies requires 1 unit of U.S. history and government, 1 unit of world history and culture, .5 unit of world geography, .5 unit of modern history of Hawaii, and 1 unit of social studies elective. PE requirement includes .5 units of health and 1 unit in PE.	
Idaho	21	4.5	2.5	2	2	0.5	0	0	8.5	1 (humanities)	2001	No	Social studies requirement includes 1 unit of U.S. history, 1 unit of government and .5 units of economics. Science requirement includes 1 unit of laboratory science.	
Illinois	16	3	2	2	1	0.5	0	0	7.5	1 (music, art, foreign language, American sign language, or vocational education)	1988	Yes	Social studies requirement includes 1 unit of U.S. history or a combination of U.S. history and American government. Physical education must be provided daily, and PE credit assignments are to be determined locally. Students must take .5 unit or equivalent of health education. Local school district must provide the following: 9 weeks, 50 minutes a day, of consumer education; conservation of natural resources; driver and safety education with 30 hours of classroom instruction and 6 hours of behind the wheel. Elective requirements are determined locally, but must fulfill 16 total credit minimum.	
Indiana	20	4	2	2	2	1	0	0	8	1 (language arts, science, mathematics, social studies, or technology competency)	2004	Yes	1 unit of English/language arts may be from business studies, technology, family and consumer sciences, technology education, or vocational-technical courses. PE requirement includes health and PE. Students who successfully complete a Level III foreign language course may have 1 unit of the language arts requirement waived.	
Iowa	21	4	3	2	2	1	0	0	9	.5 (Kansas history; taken between 7th and 12th grades)	2001	No	Social studies requirement includes 1 unit of U.S. history and .5 units of U.S. government. Science includes 1 unit of laboratory course. PE requirement may include .5 units of health, Kansas also requires .5 units of Kansas history taken between the 7th and 12th grades.	
Kansas	22	4	3	3	3	1	1	0	7	—	2002	No	Social studies includes world civilizations, world geography, U.S. history, government, and economics. Mathematics includes algebra I, geometry and one elective. Science includes life science, physical science, and earth and space science. PE requirement includes .5 unit of health and .5 unit of PE. A local board of education may substitute an integrated, applied, interdisciplinary or higher level course for a required course.	
Kentucky	23	4	3	3	3	2	0	0	8	—	2003	Yes	Social studies requirement consists of 1 unit of American history, 1 unit of world history or geography or civilization, .5 units of civics, and .5 units of free enterprise. Math includes a maximum of 2 entry level courses. Science requirement consists of 1 unit of biology I, 1 unit of physical science and 1 unit from any other course not already taken from physical science. PE includes .5 units of health and 1.5 units in PE.	
Louisiana	16	4	2	2	2	1.5	1	0	3.5	—	1989	No	Social studies requirement includes 1 unit of American history, and .5 unit of Maine studies (if not taken between grades 6-8). Science requirement includes 1 unit of laboratory study. PE includes .5 units of health and 1 unit in PE. Student must pass computer proficiency standards.	

See notes at end of table.

Table 152. State requirements for high school graduation, in Carnegie units: 2001—Continued

State	All courses	Subject areas										First graduating class to which these requirements apply	Minimum competency test is required to graduate	Notes
		English/language arts	Social studies	Mathematics	Science	Physical education/health	Arts/vocation	Technology	Electives	Other courses				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Maryland	21	4	3	3	3	1	1	1	3	2 (foreign language or advanced technology)	1997	Yes (class of 2007)	Social studies requirement consists of 1 unit of U.S. history, 1 unit of world history, and 1 unit of government. Math requirement includes 1 unit of algebra and 1 unit of geometry. Science requirement includes laboratory experience. PE requirement includes .5 unit of health and .5 unit of PE. American history and civics and PE required.	
Massachusetts ¹	—	—	—	—	—	—	—	—	—	—	—	Yes (class of 2003)	Students must complete one course in government/civics. Although not required for graduation, state law requires health and physical education to be provided for all students.	
Michigan ¹	—	—	—	—	—	—	—	—	—	—	—	No	Social studies requirement includes U.S. history, U.S. citizenship, diverse perspectives, and human geography. Science requirement includes biology, chemistry, earth and space systems, physics, and environmental systems.	
Minnesota	24	5	4	3	2	3	0	0	3	4 (2 units of inquiry, 2 units of resource management)	(⁴)	Yes	Social studies requirement consists of 1 unit of world history, 1 unit of U.S. history, .5 units of U.S. government, and .5 units of Mississippi studies. Math requirement includes algebra 1 and geometry. Science must include biology I. There is no PE requirement, only .5 units of health.	
Mississippi	20	4	3	3	3	0.5	1	1	4.5	—	2002	Yes (class of 2002)	Social studies requirement includes 1 unit of American history and .5 units of government. Arts education includes 1 unit of fine arts and 1 unit of practical arts (vocational/technical skills).	
Missouri	22	3	2	2	2	1	2	0	10	—	1988	No	In accordance with the policies of the local board of trustees, students may be graduated from high school with less than four years enrollment. Arts education includes 1 unit of fine arts and 1 unit of practical arts (vocational/technical skills). Nebraska requires a minimum of 200 high school credit hours (at least 80% of which must be taken in language arts, social studies, mathematics, science, PE/health, visual/performing arts, and foreign language).	
Montana	20	4	2	2	2	1	2	0	7	—	1993	No	Social studies requirement includes 1 unit of American government and 1 unit of American history. PE requirement includes .5 units of health and 2 units of PE. Computer literacy requirement may be waived by demonstration of competency. Data are for standard diploma.	
Nebraska	—	—	—	—	—	—	—	—	—	—	1991	No	Social studies requirement includes 1 unit of U.S. and New Hampshire history and government. Science requirement is 1 unit of physical science and 1 unit of biological science. PE requirement includes .25 units of health and 1 unit of PE. Computer education requirement may be met through examination or course prior to high school.	
Nevada ⁴	22.5	4	2	3	2	2.5	1	0.5	7.5	—	2003	Yes	Social studies includes U.S. history/geography, world history/geography, and government/ economics. Science requirement includes 1 lab component. With the approval of the local school board, participation on an athletic team or in an athletic sport during the school day may count toward fulfillment of the physical education required unit.	
New Hampshire	19.75	4	2	2	2	1.25	0.5	0.5	7	.5 (business/economic education)	1989	No	Social studies requirement includes 1 unit of U.S. and New Hampshire history and government. Science requirement is 1 unit of physical science and 1 unit of biological science. PE requirement includes .25 units of health and 1 unit of PE. Computer education requirement may be met through examination or course prior to high school.	
New Jersey	22	4	3	3	3	0.75	2	0	6.25	2 (foreign language)	2005	Yes (class of 2004)	—	
New Mexico	23	4	3	3	2	1	0	0	9	1 (communication skills or foreign language)	1990	Yes	—	

See notes at end of table.

Table 152. State requirements for high school graduation, in Carnegie units: 2001—Continued

State	All courses	Subject areas										First graduating class to which these requirements apply	Minimum competency test is required to graduate	Notes
		English/language arts	Social studies	Mathematics	Science	Physical education/health	Arts/vocational	Technology	Electives	Other courses				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
New York	22	4	4	3	3	2.5	1	0	3.5	1 (foreign language)	2005	Yes	Social studies requirement includes 1 unit of U.S. history and government, .5 units of government and .5 units of economics. Students may meet the learning standards in technology, either through a course in technology education or through an integrated course combining technology with mathematics and/or science. A commencement-level course in technology education may be used as the third unit of credit in science or mathematics, but not both. Data are for Regents diploma. Advanced Regents diploma available.	
North Carolina ²	20	4	3	4	3	1	(³)	0	3	2 (foreign language)	2004	Yes (class of 2005)	4th mathematics credit required for 9th graders in the College/University Prep course of study entering high school in 2002–03. An Occupational Course of study with different requirements is available starting in 2000–01 for students with Individualized Education Plans. Students must demonstrate computer proficiency through state testing.	
North Dakota ¹	17	4	3	2	2	1	0	0	5	—	†	No	Data are state minimums, but actual requirements are determined locally. N.D. Department of Education recommends 20 credits in order to graduate.	
Ohio	21	4	3	3	3	1	0	0	7	—	2004	Yes (class of 2005)	Social studies requirement includes .5 units of U.S. history and .5 units of U.S. government. Science requirement includes 1 unit of biology and 1 unit of physical science. PE requirement consists of .5 units of PE and .5 units of health. Starting 9/15/01 one elective unit or 2 half-units must include business/technology, fine arts, or foreign language.	
Oklahoma	23	4	3	3	3	0	2	0	8	—	2003	Yes	English/language arts requirement includes 1 unit of grammar/composition. Social studies requirement includes 1 unit of U.S. history, .5 units of Oklahoma history, a minimum of .5 units of U.S. government. Math requirement includes 1 unit of algebra I. Science requirement includes 1 unit of biology I. State strongly encourages students to complete 2 units of a foreign language.	
Oregon	22	3	3	2	2	2	1	0	9	—	2001	No	English/language arts requirement includes 1 unit of writing composition. Arts/vocational requirement may be met by earning 1 unit in any one or a combination of applied arts, fine arts or foreign language.	
Pennsylvania ⁵	—	—	—	—	—	—	—	—	—	—	†	Yes (class of 2003)	Beginning in 2002–03, in order to graduate, students shall demonstrate proficiency in reading, writing and mathematics on either state or local assessments in grade 11 or 12.	
Rhode Island ²	18	4	2	3	2	0	0.5	0.5	4	2 (foreign language)	1990	No	Students must take 100 minutes per week of PE/health.	
South Carolina ²	24	4	3	4	3	1	0	1	7	1 (foreign language)	2001	Yes	Social studies requirement includes 1 unit of U.S. history, .5 units of U.S. government and .5 units of economics. PE requirement may be met through participation in JROTC program. For students in a Tech Prep Program, 1 unit must be earned in occupation education instead of a foreign language. Demonstration of computer literacy before graduation also required.	
South Dakota	22	4	3	2	2	0	1	0.5	8.5	1 (additional unit of either mathematics or science)	2004	No	English/language arts requirement includes 1.5 units of writing, 1.5 units of literature, .5 units of American literature and .5 units of speech. Social studies requirement includes 1 unit of U.S. history, .5 units of U.S. government and .5 units of geography.	
Tennessee	20	4	3	3	3	1	0	0	6	—	1998	Yes	Science requirement includes 1 unit of life science and 1 unit of physical science. All science courses must incorporate lab experiences. One full year of computer education required at some time during high school career, no credit value assigned.	

See notes at end of table.

Table 152. State requirements for high school graduation, in Carnegie units: 2001—Continued

State	All courses	Subject areas										First graduating class to which these requirements apply	Minimum competency test is required to graduate	Notes
		English/language arts	Social studies	Mathematics	Science	Physical education/health	Arts/vocational	Technology	Electives	Other courses				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Texas	22	4	3	3	2	2	0	1	5.5	.5 (speech), 1 (World History Studies, Geography Studies, or any science course approved by the State Board of Education)	2001	Yes	Social studies requirement includes 1 unit of world history or world geography, 1 unit of U.S. history, .5 units of U.S. government, and .5 units of economics. Math requirement includes algebra I. Science requirement must include 1 unit from biology, chemistry, or physics. PE requirement includes .5 units of health and 1.5 units of PE. Required elective areas are divided into college entry or applied technology/job entry clusters. Information technology requirement optional. Library media skills integrated into subject areas.	
Utah	24	3	3	2	2	2	1.5	1	9.5	—	1997	Yes (class of 2005)	Beginning in 2005 local school districts will have the option of fulfilling current Carnegie requirements with field of knowledge assessment. Field of knowledge assessment is part of Vermont's system of standards, which includes arts, language, and literature, history and social sciences, and science, mathematics, and technology.	
Vermont	20	4	3	3	3	1.5	1	0	4.5	—	2002	No	Data are for Standard Diploma. Beginning in 2004, Standard of Learning tests must be passed in 5 subjects areas.	
Virginia	22	4	3	3	3	2	1	0	6	—	2002	Yes (class of 2004)	Social studies requirement consists of 1 unit of U.S. history/government, .5 units of Washington state history/government, and 1 unit of world history/geography. Science requires 1 unit of laboratory science. Each student shall complete a culminating project for graduation.	
Washington	19	3	2.5	2	2	2	1	0	5.5	1 (occupational education)	2008	Yes (class of 2008)	Math requirement includes algebra I and 1 higher math, higher science, PE requirement includes 1 unit of health and 1 unit of PE. Work-based learning experience (determined by local school district) required.	
West Virginia	24	4	3	3	3	2	1	0	4	4 (career majors)	2003	No	PE consists of 1.5 units of PE and .5 units of health. State strongly encourages school boards to require additional 8.5 elective units. School boards may also require community service as a graduation criterion.	
Wisconsin	13	4	3	2	2	2	0	0	0	—	2004	Yes (class of 2004)	Social studies requirement includes history. American government and economic systems and institutions. Exit exam covers principles of the Constitutions of the U.S. and Wyoming.	
Wyoming	13	4	3	3	3	0	0	0	0	—	2003	Yes (class of 2003)		

NOTE: Local school districts frequently have other graduation requirements in addition to state requirements. English/language arts—can include English, Reading, Literature, Creative Writing, etc. Mathematics—can include Basic Math, Algebra I and II, Geometry, Pre-Calculus, Calculus, Statistics, etc. Social studies—can include World History, U.S. History, Geography, Economics, Government, etc. Science—can include Biology, Chemistry, Physics, Anatomy, Earth Science, etc. Arts/vocational—can include Fine Arts, Practical Arts, Vocational, or Career Preparatory credits. Technology—can include Computer Literacy, Computer Technology, Technology Competency, etc.

SOURCE: State Boards of Education; and Education Commission of the States, *Clearinghouse Notes*, "High School Graduation Requirements" November 1996 and November 1998; Education Commission of the States, *Clearinghouse Notes*, "Choice of Schools: State Actions" June 1999. (This table was prepared June 2001.)

—Not available.
 † Not applicable.
 1 Graduation requirements are determined locally.
 2 Data for College Preparatory Diploma.
 3 Career Preparatory Diploma also available.
 4 Graduation requirements are currently being phased in by local school districts. However, as of yet, no statewide deadline exists dictating when this should occur.
 5 State minimum credit requirements have been phased out in Pennsylvania. Each school district (including charter schools) shall specify requirements for graduation in a strategic plan requiring state approval. To graduate, students must demonstrate proficiency in reading, writing, and mathematics on either state or local assessments aligned with state guidelines.

Table 153. States which use criterion-referenced assessments aligned to state standards, by subject area and level: 2002–03

State	Criterion-referenced assessments, ¹ by level and subject area			
	English/language arts	Mathematics	Science	Social studies/history
1	2	3	4	5
Alabama	ES, MS, HS	HS	HS	HS
Alaska	ES, MS, HS	ES, MS, HS		
Arizona	ES, MS, HS	ES, MS, HS		
Arkansas	ES, MS, HS	ES, MS, HS		
California	ES, MS, HS	ES, MS, HS	HS	HS
Colorado	ES, MS, HS	ES, MS, HS	MS	
Connecticut	ES, MS, HS	ES, MS, HS	HS	
Delaware	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
District of Columbia				
Florida	ES, MS, HS	ES, MS, HS	ES, MS, HS	
Georgia	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Hawaii	ES, MS, HS	ES, MS, HS		
Idaho	ES, MS, HS	ES, MS, HS		
Illinois	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Indiana	ES, MS, HS	ES, MS, HS		
Iowa				
Kansas	ES, MS, HS	ES, MS, HS		
Kentucky	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Louisiana	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Maine	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Maryland	ES, MS, HS	ES, MS, HS	HS	HS
Massachusetts	ES, MS, HS	ES, MS, HS	ES, MS	
Michigan	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Minnesota	ES, HS	ES, HS		
Mississippi	ES, MS, HS	ES, MS, HS	HS	HS
Missouri	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Montana				
Nebraska	MS			
Nevada	ES, MS, HS	ES, HS		
New Hampshire	ES, MS, HS	ES, MS, HS	MS, HS	MS, HS
New Jersey	ES, MS, HS	ES, MS, HS	MS	
New Mexico	ES, MS, HS	HS	HS	HS
New York	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
North Carolina	ES, MS, HS	ES, MS, HS	HS	HS
North Dakota	ES, MS, HS	ES, MS, HS		
Ohio	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Oklahoma	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Oregon	ES, MS, HS	ES, MS, HS	HS	
Pennsylvania	ES, MS, HS	ES, MS, HS		
Rhode Island	ES, MS, HS	ES, MS, HS		
South Carolina	ES, MS, HS	ES, MS, HS	ES, MS	ES, MS
South Dakota	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Tennessee	ES, MS, HS	ES, MS, HS	HS	
Texas	ES, MS, HS	ES, MS, HS	ES, MS, HS	MS, HS
Utah	ES, MS, HS	ES, MS, HS	ES, MS, HS	
Vermont	ES, MS, HS	ES, MS, HS	ES, MS, HS	
Virginia	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Washington	ES, MS, HS	ES, MS, HS	HS	
West Virginia	ES, MS, HS			
Wisconsin	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Wyoming	ES, MS, HS	ES, MS, HS		

¹ Criterion-referenced assessments are intended to measure performance on a defined set of learning objectives.

SOURCE: Education Week, January 9, 2003, Number 17 © 2003, *Editorial Projects in Education*. (This table was prepared August 2003.)

NOTE: ES=elementary school, MS=middle school, and HS=high school.

Table 154. States using minimum-competency testing, by grade levels assessed, and expected uses of standards: 1999–2000

State	Grade levels in which students are tested on at least one component	Expected uses								
		Student diagnosis or placement ¹	Improvement of instruction ¹	Program evaluation ¹	Student promotion ²	High school graduation ²	Student awards or recognition ³	Public school performance reporting ³	Accreditation ³	Other
1	2	3	4	5	6	7	8	9	10	11
Alabama	K-11	X	X	X		X	X	X		
Alaska	3,4,6–8,10	X	X					X		
Arizona	2–11		X	X				X		
Arkansas	4,5,7,8,10	X	X	X						
California	2–12 ⁴		X	X	X		X	X		(5) (6)
Colorado	3–5,7,8		X	X						
Connecticut	4,6,8,10	X	X	X			X	X		
Delaware	3,5,8,10,11	X	X							
Florida	—	—	—	—	—	—	—	—	—	—
Georgia	K,3–6,8,11,12	X	X	X		X	X	X		
Hawaii	3,5,8,10	X	X	X			X	X	X	
Idaho	3–11		X	X						
Illinois	3–8,10 ⁷		X	X	X			X		
Indiana	3,6,8,10	X	X	X		X	X		X	
Iowa	4,8,11							X		
Kansas	4,5,7,8,10,11	X	X	X				X	X	
Kentucky	3–12		X	X			X	X		
Louisiana	3–11	X	X	X	X		X	X		
Maine	4,8,11 ⁷		X	X						
Maryland	3,5,7–12	X	X	X		X	X	X		
Massachusetts	4,8,10	X	X	X			X	X		
Michigan	4,5,7,8,11	X	X	X				X	X	
Minnesota	3,5,8,10	X	X	X		X				
Mississippi	3–8,11,12	X	X	X		X				
Missouri	3,4,7,8,10,11 ^{4,7}	X	X				X	X	X	
Montana	4,8,11		X	X						
Nebraska ⁸	—									
Nevada	4,8,10–12	X	X	X		X	X	X		
New Hampshire	3,6,10		X	X				X		
New Jersey	4,8,11	X	X	X		X		X	X	(5) (9)
New Mexico	1–10	X	X	X		X	X	X	X	
New York	4,6,8–12	X	X	X	X	X	X	X		(5) (6)
North Carolina	3–12	X	X	X	X	X	X	X		
North Dakota	4,6,8,10	X	X	X	X	X	X	X		(6)
Ohio	4,6,8–12		X	X	X	X	X	X		(6)
Oklahoma	5,8,11	X	X	X				X		
Oregon	3,5,8,10		X	X				X		
Pennsylvania	5,8,11		X				X			
Rhode Island	3–5,7–10		X	X				X		
South Carolina	1,3–8,10–12 ⁷	X	X	X		X		X		
South Dakota	2,4,5,8,9,11	X	X	X						
Tennessee	3–12	X	X	X		X	X	X		(5)
Texas	3–12	X	X	X		X	X	X	X	
Utah	1–9,11 ⁴	X	X	X	X			X		
Vermont	2,4,8,10		X	X				X		
Virginia	3–6,8–12	X	X	X	X	X		X		
Washington	2–4,6,7,9–11 ⁴	X	X	X				X		
West Virginia	3–12 ⁷	X	X	X				X	X	(5) (9)
Wisconsin	3,4,8,10	X	X	X				X		
Wyoming	4,8–12 ⁷		X	X				X		
Outlying areas										
American Samoa	4,7,8,10,12	X	X	X						
Puerto Rico	K-12	X	X	X			X			(9)
Virgin Islands	3,5,6,8,11	X	X				X	X		

—Not available.

¹ Testing program is for instructional purposes.

² Testing program is for the purpose of student accountability.

³ Testing program is for school accountability.

⁴ Inclusion is voluntary for students, schools or school districts for one or more grades.

⁵ Endorsed diploma.

⁶ Honors diploma.

⁷ A sample of students is tested for one or more grades.

⁸ This state did not administer any statewide assessments for the 1999–2000 school year.

⁹ High school skills guarantee.

SOURCE: Council of Chief State School Officers, "Annual Survey of State Student Assessment Programs, Spring 2002." (This table was prepared July 2002.)

Table 155. States requiring testing for initial certification of teachers, by skills or knowledge assessment: 1990 and 2002

State	Assessment for certification, 1990				Assessment for certification, 2002				
	Basic skills exam	Subject matter exam	Knowledge of teaching exam	Assessment of teaching performance	Basic skills exam	Subject matter exam	General knowledge exam	Knowledge of teaching exam	Assessment of teaching performance
1	2	3	4	5	6	7	8	9	10
Alabama					(1)	(2)		(2)	X
Alaska					X				
Arizona	X		X			X		X	X
Arkansas		X	X		X	X		X	X
California	X	X			X	(3)			
Colorado	X			X		X			
Connecticut	X	X		X	X	X			
Delaware	X				X				
District of Columbia	X	X			X	X			X
Florida		X	X	X	X	X	X	X	X
Georgia		X		X	X	X			
Hawaii	X	X	X		X	X		X	
Idaho		X	X						
Illinois		X	X		X	X			
Indiana	X	X	X		X	X	X	X	
Iowa	X	X	X	X					
Kansas	X		X					X	
Kentucky				X	(1)				X
Louisiana	X	X	X		X	X	X	X	X
Maine	X	X	X	X	X		X	X	
Maryland	X	X	X		X	X		X	X
Massachusetts		(4)				(4)			
Michigan					X	X	(5)		
Minnesota	X				X		X	X	
Mississippi		X	X	X		X		X	
Missouri		X			(1)	X		(6)	
Montana	X		X		X				
Nebraska	X				X				
Nevada	X	X	X		X	X		X	
New Hampshire	X				X	X			
New Jersey		X				X	(7)		X
New Mexico	X		X	X	X		X	X	
New York	X		X				X	X	
North Carolina				X	(1)	X			
North Dakota					(1)		X	X	
Ohio ⁸		X	X			X		X	X
Oklahoma				X	X	X	X	(9)	X
Oregon	X	X	X	X	X	X			(10)
Pennsylvania	X	X	X		X	X	X	X	
Rhode Island ¹¹	X		X	X			X		
South Carolina			X	X	X	X		X	X
South Dakota ¹²					X	X			X
Tennessee				X	(13)	X		X	X
Texas ¹⁴		X	X			X		X	
Utah								(15)	
Vermont					X				
Virginia	X	X	X	X	X	X			
Washington				X	(1)				
West Virginia	X	X		X	X	X		X	X
Wisconsin	X				X				
Wyoming									

¹ For admission to teacher education program.
² Institution's exit exam.
³ Subject matter exam or completion of an approved subject matter program.
⁴ In 1990, test required for foreign language, bilingual, and English as a Second Language. In 2002, two-part exam covers communication and literacy skills and the subject matter knowledge for the certificate.
⁵ Elementary certificate exam (subject-area exam).
⁶ If no subject knowledge assessment is designated.
⁷ For elementary education.
⁸ Test requirements in 1990 set by school districts.
⁹ Required for standard certificate.
¹⁰ For Oregon graduates.
¹¹ Principles of Learning Teaching Test (K-6) or (7-12).
¹² Required within the institutional program requirements.
¹³ Basic skills exams in reading, math, and writing are covered in the Praxis Pre-professional Skills Test.
¹⁴ Screening for admission to a teacher preparation program includes college level skills in reading, oral and written communication, critical thinking, and mathematics.
¹⁵ Entry year requirement.
 SOURCE: Council of Chief State School Officers, "State Education Indicators, 1990;" and National Association of State Directors of Teacher Education and Certification, "The NASDTEC Manual 2002: Manual on Certification & Preparation of Educational Personnel in the United States & Canada." (This table was prepared August 2002.)

**Table 156. Revenues for public elementary and secondary schools, by source of funds:
Selected years, 1919–20 to 2000–2001**

School year	Total, in thousands	Federal, in thousands	Federal revenue per student	State, in thousands	Local (including intermediate) ¹ in thousands	Percentage distribution			
						Total	Federal	State	Local (including intermediate) ¹
1	2	3	4	5	6	7	8	9	10
1919–20	\$970,121	\$2,475	#	\$160,085	\$807,561	100.0	0.3	16.5	83.2
1929–30	2,088,557	7,334	#	353,670	1,727,553	100.0	0.4	16.9	82.7
1939–40	2,260,527	39,810	\$2	684,354	1,536,363	100.0	1.8	30.3	68.0
1941–42	2,416,580	34,305	1	759,993	1,622,281	100.0	1.4	31.4	67.1
1943–44	2,604,322	35,886	2	859,183	1,709,253	100.0	1.4	33.0	65.6
1945–46	3,059,845	41,378	2	1,062,057	1,956,409	100.0	1.4	34.7	63.9
1947–48	4,311,534	120,270	5	1,676,362	2,514,902	100.0	2.8	38.9	58.3
1949–50	5,437,044	155,848	6	2,165,689	3,115,507	100.0	2.9	39.8	57.3
1951–52	6,423,816	227,711	9	2,478,596	3,717,507	100.0	3.5	38.6	57.9
1953–54	7,866,852	355,237	12	2,944,103	4,567,512	100.0	4.5	37.4	58.1
1955–56	9,686,677	441,442	14	3,828,886	5,416,350	100.0	4.6	39.5	55.9
1957–58	12,181,513	486,484	15	4,800,368	6,894,661	100.0	4.0	39.4	56.6
1959–60	14,746,618	651,639	19	5,768,047	8,326,932	100.0	4.4	39.1	56.5
1961–62	17,527,707	760,975	20	6,789,190	9,977,542	100.0	4.3	38.7	56.9
1963–64	20,544,182	896,956	22	8,078,014	11,569,213	100.0	4.4	39.3	56.3
1965–66	25,356,858	1,996,954	47	9,920,219	13,439,686	100.0	7.9	39.1	53.0
1967–68	31,903,064	2,806,469	64	12,275,536	16,821,063	100.0	8.8	38.5	52.7
1969–70	40,266,923	3,219,557	71	16,062,776	20,984,589	100.0	8.0	39.9	52.1
1970–71	44,511,292	3,753,461	82	17,409,086	23,348,745	100.0	8.4	39.1	52.5
1971–72	50,003,645	4,467,969	97	19,133,256	26,402,420	100.0	8.9	38.3	52.8
1972–73	52,117,930	4,525,000	99	20,699,752	26,893,180	100.0	8.7	39.7	51.6
1973–74	58,230,892	4,930,351	108	24,113,409	29,187,132	100.0	8.5	41.4	50.1
1974–75	64,445,239	5,811,595	129	27,060,563	31,573,079	100.0	9.0	42.0	49.0
1975–76	71,206,073	6,318,345	141	31,602,885	33,284,840	100.0	8.9	44.4	46.7
1976–77	75,332,532	6,629,498	150	32,526,018	36,177,019	100.0	8.8	43.2	48.0
1977–78	81,443,160	7,694,194	177	35,013,266	38,735,700	100.0	9.4	43.0	47.6
1978–79	87,994,143	8,600,116	202	40,132,136	39,261,891	100.0	9.8	45.6	44.6
1979–80	96,881,165	9,503,537	228	45,348,814	42,028,813	100.0	9.8	46.8	43.4
1980–81	105,949,087	9,768,262	239	50,182,659	45,998,166	100.0	9.2	47.4	43.4
1981–82	110,191,257	8,186,466	204	52,436,435	49,568,356	100.0	7.4	47.6	45.0
1982–83	117,497,502	8,339,990	211	56,282,157	52,875,354	100.0	7.1	47.9	45.0
1983–84	126,055,419	8,576,547	218	60,232,981	57,245,892	100.0	6.8	47.8	45.4
1984–85	137,294,678	9,105,569	232	67,168,684	61,020,425	100.0	6.6	48.9	44.4
1985–86	149,127,779	9,975,622	253	73,619,575	65,532,582	100.0	6.7	49.4	43.9
1986–87	158,523,693	10,146,013	255	78,830,437	69,547,243	100.0	6.4	49.7	43.9
1987–88	169,561,974	10,716,687	268	84,004,415	74,840,873	100.0	6.3	49.5	44.1
1988–89	192,016,374	11,902,001	296	91,768,911	88,345,462	100.0	6.2	47.8	46.0
1989–90	208,547,573	12,700,784	313	98,238,633	97,608,157	100.0	6.1	47.1	46.8
1990–91	223,340,537	13,776,066	334	105,324,533	104,239,939	100.0	6.2	47.2	46.7
1991–92	234,581,384	15,493,330	368	108,783,449	110,304,605	100.0	6.6	46.4	47.0
1992–93	247,626,168	17,261,252	403	113,403,436	116,961,481	100.0	7.0	45.8	47.2
1993–94	260,159,468	18,341,483	422	117,474,209	124,343,776	100.0	7.1	45.2	47.8
1994–95	273,149,449	18,582,157	421	127,729,576	126,837,717	100.0	6.8	46.8	46.4
1995–96	287,702,844	19,104,019	426	136,670,754	131,928,071	100.0	6.6	47.5	45.9
1996–97	305,065,192	20,081,287	440	146,435,584	138,548,321	100.0	6.6	48.0	45.4
1997–98	325,925,708	22,201,965	481	157,645,372	146,078,370	100.0	6.8	48.4	44.8
1998–99	347,377,993	24,521,817	527	169,298,232	153,557,944	100.0	7.1	48.7	44.2
1999–2000 ²	372,943,802	27,097,866	578	184,613,352	161,232,584	100.0	7.3	49.5	43.2
2000–01	400,919,024	29,086,413	616	199,146,586	172,686,024	100.0	7.3	49.7	43.1

Rounds to zero.

¹ Includes a relatively small amount from nongovernmental private sources (gifts and tuition a transportation fees from patrons). These sources accounted for 2.3 percent of total revenues in 2000–01.² Revised from previously published figures.

NOTE: Beginning in 1980–81, revenues for state education agencies are excluded. Beginning in 1988–89, data reflect new survey collection procedures and may not be en-

tirely comparable with figures for earlier years. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education*; and The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2000–01. (This table was prepared August 2003.)

Table 157. Revenues for public elementary and secondary schools, by source and state or jurisdiction: 2000–01

State or jurisdiction	Total, in thousands	Federal			State		Local and intermediate		Private ¹	
		Amount, in thousands	Per student	Percent of total	Amount, in thousands	Percent of total	Amount, in thousands	Percent of total	Amount, in thousands	Percent of total
1	2	3	4	5	6	7	8	9	10	11
United States	\$400,919,024	\$29,086,413	\$616	7.3	\$199,146,586	49.7	\$163,479,177	40.8	\$9,206,847	2.3
Alabama	4,812,302	453,817	613	9.4	2,881,224	59.9	1,227,512	25.5	249,749	5.2
Alaska	1,370,271	215,921	1,619	15.8	782,348	57.1	333,592	24.3	38,410	2.8
Arizona	5,797,151	616,976	703	10.6	2,525,390	43.6	2,506,856	43.2	147,929	2.6
Arkansas	2,812,169	260,705	579	9.3	1,676,138	59.6	820,201	29.2	55,125	2.0
California	51,007,510	4,159,513	677	8.2	31,392,549	61.5	14,929,920	29.3	525,528	1.0
Colorado	5,349,899	299,576	413	5.6	2,222,083	41.5	2,576,924	48.2	251,315	4.7
Connecticut	6,460,491	276,427	492	4.3	2,553,180	39.5	3,527,302	54.6	103,583	1.6
Delaware	1,112,519	87,904	767	7.9	732,599	65.9	277,769	25.0	14,247	1.3
District of Columbia	1,042,711	115,527	1,676	11.1	†	†	918,793	88.1	8,391	0.8
Florida	17,866,868	1,599,259	657	9.0	8,695,213	48.7	6,917,556	38.7	654,841	3.7
Georgia	12,191,113	783,487	542	6.4	5,963,337	48.9	5,249,268	43.1	195,020	1.6
Hawaii	1,682,330	140,951	765	8.4	1,511,317	89.8	9,105	0.5	20,957	1.2
Idaho	1,593,966	128,646	525	8.1	977,438	61.3	461,605	29.0	26,278	1.6
Illinois	18,217,079	1,421,519	694	7.8	6,124,183	33.6	10,301,826	56.6	369,551	2.0
Indiana	9,033,180	464,489	470	5.1	4,833,954	53.5	3,477,771	38.5	256,967	2.8
Iowa	3,954,178	248,689	502	6.3	1,943,708	49.2	1,556,878	39.4	204,902	5.2
Kansas	3,597,726	231,473	492	6.4	2,198,216	61.1	1,074,216	29.9	93,820	2.6
Kentucky	4,509,893	448,073	673	9.9	2,702,932	59.9	1,258,841	27.9	100,047	2.2
Louisiana	5,060,133	580,356	781	11.5	2,497,875	49.4	1,921,174	38.0	60,729	1.2
Maine	1,934,178	153,100	739	7.9	863,295	44.6	880,399	45.5	37,384	1.9
Maryland	7,846,891	477,463	560	6.1	2,928,715	37.3	4,178,103	53.2	262,611	3.3
Massachusetts	10,148,498	511,198	524	5.0	4,420,622	43.6	5,052,863	49.8	163,816	1.6
Michigan	16,358,532	1,116,374	649	6.8	10,603,606	64.8	4,276,902	26.1	361,649	2.2
Minnesota	7,873,549	370,648	434	4.7	4,765,802	60.5	2,497,149	31.7	239,951	3.0
Mississippi	2,903,534	400,804	805	13.8	1,607,126	55.4	804,183	27.7	91,421	3.1
Missouri	7,102,501	491,233	538	6.9	2,661,904	37.5	3,680,122	51.8	269,242	3.8
Montana	1,140,168	131,299	848	11.5	542,692	47.6	418,700	36.7	47,477	4.2
Nebraska	2,307,804	168,036	587	7.3	805,419	34.9	1,210,412	52.4	123,937	5.4
Nevada	2,393,494	122,360	359	5.1	683,605	28.6	1,497,331	62.6	90,198	3.8
New Hampshire	1,714,147	77,365	371	4.5	884,875	51.6	712,119	41.5	39,788	2.3
New Jersey	15,967,075	628,834	479	3.9	6,669,858	41.8	8,351,731	52.3	316,652	2.0
New Mexico	2,426,705	338,213	1,056	13.9	1,725,551	71.1	316,268	13.0	46,674	1.9
New York	34,266,171	1,961,653	681	5.7	15,818,051	46.2	16,187,387	47.2	299,080	0.9
North Carolina	9,262,181	670,380	518	7.2	6,144,449	66.3	2,216,699	23.9	230,653	2.5
North Dakota	767,798	102,697	940	13.4	299,089	39.0	324,794	42.3	41,216	5.4
Ohio	16,649,361	1,007,370	549	6.1	7,187,325	43.2	7,840,209	47.1	614,457	3.7
Oklahoma	4,034,825	410,681	659	10.2	2,386,216	59.1	1,035,597	25.7	202,332	5.0
Oregon	4,564,408	336,992	617	7.4	2,566,099	56.2	1,528,766	33.5	132,551	2.9
Pennsylvania	17,053,891	1,107,854	611	6.5	6,443,673	37.8	9,176,463	53.8	325,901	1.9
Rhode Island	1,545,675	90,634	576	5.9	652,723	42.2	781,753	50.6	20,566	1.3
South Carolina	5,459,399	446,838	660	8.2	2,941,097	53.9	1,873,403	34.3	198,061	3.6
South Dakota	885,229	107,532	836	12.1	312,880	35.3	438,651	49.6	26,167	3.0
Tennessee	5,711,950	524,351	577	9.2	2,532,336	44.3	2,493,439	43.7	161,824	2.8
Texas	30,469,570	2,656,951	654	8.7	12,855,241	42.2	14,246,504	46.8	710,874	2.3
Utah	2,745,656	204,939	426	7.5	1,608,249	58.6	867,784	31.6	64,683	2.4
Vermont	1,035,679	60,523	593	5.8	732,563	70.7	226,175	21.8	16,418	1.6
Virginia	9,313,330	520,773	455	5.6	3,939,548	42.3	4,649,755	49.9	203,253	2.2
Washington	8,058,875	625,231	622	7.8	5,072,388	62.9	2,101,004	26.1	260,253	3.2
West Virginia	2,375,788	243,131	849	10.2	1,450,453	61.1	654,155	27.5	28,049	1.2
Wisconsin	8,327,255	418,472	476	5.0	4,424,429	53.1	3,295,254	39.6	189,099	2.3
Wyoming	803,414	69,176	769	8.6	403,020	50.2	317,995	39.6	13,223	1.6
Outlying areas										
American Samoa	58,262	45,822	2,918	78.6	10,551	18.1	1,801	3.1	89	0.2
Guam	—	—	—	—	—	—	—	—	—	—
Northern Marianas	55,164	17,619	1,761	31.9	37,230	67.5	255	0.5	60	0.1
Puerto Rico	2,331,691	671,870	1,097	28.8	1,658,907	71.1	98	#	815	#
Virgin Islands	165,801	28,256	1,452	17.0	0	0.0	137,400	82.9	146	0.1

—Not available.

† Not applicable.

Rounds to zero.

¹Includes revenues from gifts, and tuition and fees from patrons.

NOTE: Excludes revenues for state education agencies. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 2000–01. (This table was prepared July 2003.)

Table 158. Revenues for public elementary and secondary schools, by source and state or jurisdiction: 1999–2000

State or jurisdiction	Total, in thousands	Federal			State		Local and intermediate		Private ¹	
		Amount, in thousands	Per student	Percent of total	Amount, in thousands	Percent of total	Amount, in thousands	Percent of total	Amount, in thousands	Percent of total
1	2	3	4	5	6	7	8	9	10	11
United States	\$372,943,802	\$27,097,866	\$578	7.3	\$184,613,352	49.5	\$152,364,438	40.9	\$8,868,145	2.4
Alabama	4,832,135	438,526	592	9.1	3,003,809	62.2	1,150,210	23.8	239,590	5.0
Alaska	1,359,764	209,975	1,562	15.4	801,151	58.9	312,174	23.0	36,464	2.7
Arizona	5,503,297	591,915	694	10.8	2,397,670	43.6	2,367,411	43.0	146,301	2.7
Arkansas	2,730,722	240,942	534	8.8	1,644,700	60.2	793,186	29.0	51,895	1.9
California	45,078,305	3,934,645	652	8.7	27,162,573	60.3	13,474,124	29.9	506,964	1.1
Colorado	5,094,275	271,353	383	5.3	2,083,173	40.9	2,458,683	48.3	281,066	5.5
Connecticut	6,065,450	251,564	454	4.1	2,437,888	40.2	3,220,255	53.1	155,743	2.6
Delaware	1,072,494	80,475	713	7.5	703,331	65.6	275,434	25.7	13,254	1.2
District of Columbia ...	875,619	179,021	2,319	20.4	†	†	688,396	78.6	8,202	0.9
Florida	16,946,014	1,429,395	600	8.4	8,381,170	49.5	6,528,299	38.5	607,150	3.6
Georgia	11,076,955	732,555	515	6.6	5,302,674	47.9	4,853,886	43.8	187,840	1.7
Hawaii	1,404,897	127,044	684	9.0	1,247,257	88.8	7,649	0.5	22,947	1.6
Idaho	1,472,070	113,611	463	7.7	899,725	61.1	433,034	29.4	25,700	1.7
Illinois	16,590,948	1,276,444	630	7.7	5,114,557	30.8	9,848,371	59.4	351,576	2.1
Indiana	8,427,757	443,820	449	5.3	4,407,729	52.3	3,334,419	39.6	241,789	2.9
Iowa	3,714,861	225,622	454	6.1	1,879,143	50.6	1,413,128	38.0	196,968	5.3
Kansas	3,408,634	213,344	452	6.3	2,127,046	62.4	977,081	28.7	91,163	2.7
Kentucky	4,330,619	433,290	668	10.0	2,628,338	60.7	1,172,764	27.1	96,227	2.2
Louisiana	4,907,736	562,977	744	11.5	2,427,118	49.5	1,810,617	36.9	107,024	2.2
Maine	1,811,965	144,465	690	8.0	807,656	44.6	819,576	45.2	40,269	2.2
Maryland	7,242,344	408,613	483	5.6	2,821,796	39.0	3,771,826	52.1	240,109	3.3
Massachusetts	9,260,130	488,986	503	5.3	4,048,287	43.7	4,580,966	49.5	141,891	1.5
Michigan	15,385,152	1,051,747	609	6.8	9,935,347	64.6	4,057,262	26.4	340,796	2.2
Minnesota	7,188,407	346,396	406	4.8	4,311,209	60.0	2,305,012	32.1	225,790	3.1
Mississippi	2,778,506	380,949	761	13.7	1,561,897	56.2	746,447	26.9	89,213	3.2
Missouri	6,665,304	439,526	481	6.6	2,507,804	37.6	3,456,589	51.9	261,384	3.9
Montana	1,101,615	134,315	852	12.2	491,890	44.7	428,637	38.9	46,773	4.2
Nebraska	2,216,656	152,084	528	6.9	812,386	36.6	1,132,316	51.1	119,870	5.4
Nevada	2,262,002	113,706	349	5.0	658,889	29.1	1,406,829	62.2	82,577	3.7
New Hampshire	1,559,653	68,391	331	4.4	869,992	55.8	584,283	37.5	36,988	2.4
New Jersey	14,891,245	582,043	451	3.9	6,124,074	41.1	7,884,738	52.9	300,389	2.0
New Mexico	2,240,777	315,325	972	14.1	1,602,483	71.5	275,360	12.3	47,609	2.1
New York	32,403,066	1,881,476	652	5.8	14,503,218	44.8	15,732,342	48.6	286,029	0.9
North Carolina	8,797,269	625,846	491	7.1	5,949,172	67.6	2,004,692	22.8	217,559	2.5
North Dakota	749,936	96,945	860	12.9	301,279	40.2	311,972	41.6	39,741	5.3
Ohio	15,231,086	888,673	484	5.8	6,473,138	42.5	7,290,288	47.9	578,986	3.8
Oklahoma	3,705,393	368,669	588	9.9	2,164,236	58.4	977,794	26.4	194,695	5.3
Oregon	4,333,956	293,463	538	6.8	2,473,350	57.1	1,444,365	33.3	122,778	2.8
Pennsylvania	16,224,853	1,044,167	575	6.4	6,136,158	37.8	8,740,103	53.9	304,425	1.9
Rhode Island	1,448,205	83,799	536	5.8	597,832	41.3	747,026	51.6	19,548	1.3
South Carolina	4,917,485	412,054	618	8.4	2,595,941	52.8	1,719,083	35.0	190,408	3.9
South Dakota	865,041	108,264	826	12.5	298,364	34.5	433,361	50.1	25,051	2.9
Tennessee	5,378,527	485,024	529	9.0	2,463,997	45.8	2,275,894	42.3	153,612	2.9
Texas	28,657,019	2,469,744	619	8.6	12,654,437	44.2	12,855,259	44.9	677,579	2.4
Utah	2,579,092	192,462	401	7.5	1,527,108	59.2	796,260	30.9	63,262	2.5
Vermont	966,128	65,152	623	6.7	711,262	73.6	174,328	18.0	15,386	1.6
Virginia	8,749,757	494,794	436	5.7	3,723,104	42.6	4,368,072	49.9	163,787	1.9
Washington	7,573,768	550,202	548	7.3	4,812,763	63.5	1,958,804	25.9	251,999	3.3
West Virginia	2,294,744	217,540	745	9.5	1,415,246	61.7	631,257	27.5	30,701	1.3
Wisconsin	7,785,586	370,452	422	4.8	4,201,630	54.0	3,035,625	39.0	177,879	2.3
Wyoming	786,582	66,077	717	8.4	408,356	51.9	298,951	38.0	13,198	1.7
Outlying areas										
American Samoa	58,640	44,436	2,871	75.8	10,920	18.6	3,196	5.5	88	0.1
Guam	—	—	—	—	—	—	—	—	—	—
Northern Marianas	53,895	17,239	1,771	32.0	36,280	67.3	299	0.6	76	0.1
Puerto Rico	2,222,824	627,035	1,023	28.2	1,595,389	71.8	151	#	250	#
Virgin Islands	150,060	27,567	1,321	18.4	0	0.0	122,244	81.5	249	0.2

—Not available.

† Not applicable.

Rounds to zero.

¹ Includes revenues from gifts, and tuition and fees from patrons.

NOTE: Excludes revenues for state education agencies. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1999–2000. (This table was prepared August 2003.)

Table 159. Funds and staff for state education agencies, by source of funding and state: 1992–93

State	Funds retained for state administration, by source, in thousands				Total state administration funds per student	State education agency (FTE) staff, by source of funds for position			Students per state FTE staff
	Total	Federal (core activities) ¹	Percent federal	State and local		Total FTE staff	Federally supported (core activities) ¹	State and local supported	
1	2	3	4	5	6	7	8	9	10
United States²	\$1,966,453	\$526,847	26.8	\$1,439,606	\$46	28,626	7,054	21,572	1,496
Alabama	52,111	13,007	25.0	39,103	71	1,006	127	879	727
Alaska	38,461	5,046	13.1	33,414	314	503	44	460	244
Arizona	19,315	7,460	38.6	11,856	29	362	175	187	1,862
Arkansas	17,561	4,204	23.9	13,356	40	290	74	216	1,522
California	148,989	52,316	35.1	96,673	28	1,898	419	1,479	2,768
Colorado	21,361	5,991	28.0	15,370	35	223	90	133	2,750
Connecticut	139,733	11,433	8.2	128,300	286	2,005	196	1,809	244
Delaware	10,949	2,578	23.5	8,371	105	128	44	84	817
District of Columbia	†	†	†	†	†	†	†	†	†
Florida	56,310	25,470	45.2	30,840	28	688	323	366	2,878
Georgia	58,632	9,918	16.9	48,714	49	935	147	788	1,291
Hawaii	†	†	†	†	†	†	†	†	†
Idaho	7,346	2,938	40.0	4,408	32	104	45	59	2,224
Illinois	42,854	22,092	51.6	20,762	23	746	317	429	2,511
Indiana	29,220	7,339	25.1	21,880	30	309	132	177	3,109
Iowa	20,589	9,582	46.5	11,007	42	226	106	120	2,192
Kansas	12,701	5,422	42.7	7,279	28	199	83	116	2,269
Kentucky	49,745	6,202	12.5	43,542	76	859	105	754	763
Louisiana	35,978	13,015	36.2	22,963	45	573	254	320	1,393
Maine ³	17,356	4,248	24.5	13,109	80	207	90	117	1,046
Maryland	42,343	8,737	20.6	33,606	56	556	126	430	1,351
Massachusetts	30,191	13,557	44.9	16,633	35	368	173	195	2,337
Michigan	53,743	15,656	29.1	38,088	34	844	256	588	1,899
Minnesota	23,730	9,072	38.2	14,658	30	416	129	287	1,908
Mississippi	40,892	5,703	13.9	35,190	81	724	144	580	700
Missouri	42,860	8,708	20.3	34,152	50	1,448	132	1,317	593
Montana	8,070	3,490	43.2	4,581	50	137	52	85	1,168
Nebraska	20,624	5,018	24.3	15,607	73	398	75	323	710
Nevada	5,305	2,643	49.8	2,662	24	90	47	42	2,491
New Hampshire	7,889	2,662	33.7	5,226	44	157	60	97	1,154
New Jersey	65,111	25,857	39.7	39,254	58	1,001	326	675	1,129
New Mexico	10,398	3,753	36.1	6,645	33	216	67	149	1,461
New York	181,649	47,866	26.4	133,783	68	2,565	567	1,998	1,049
North Carolina	49,298	13,990	28.4	35,308	44	796	144	652	1,399
North Dakota	5,683	3,187	56.1	2,496	48	93	52	41	1,277
Ohio	32,879	14,741	44.8	18,139	18	511	242	269	3,513
Oklahoma	32,178	8,347	25.9	23,831	54	499	98	401	1,196
Oregon	61,178	15,822	25.9	45,357	120	418	58	360	1,221
Pennsylvania	72,979	19,746	27.1	53,233	42	1,134	237	897	1,515
Rhode Island	13,705	4,347	31.7	9,358	95	152	59	93	948
South Carolina	87,109	9,130	10.5	77,979	136	946	105	841	677
South Dakota	7,419	3,988	53.8	3,430	55	102	42	60	1,324
Tennessee	36,778	10,525	28.6	26,253	43	456	100	356	1,876
Texas	59,560	18,321	30.8	41,238	17	1,013	358	654	3,498
Utah	25,763	6,092	23.6	19,671	56	364	62	302	1,273
Vermont	7,348	2,672	36.4	4,675	75	143	65	78	689
Virginia	29,236	9,830	33.6	19,406	28	371	102	270	2,781
Washington	19,472	6,843	35.1	12,629	22	253	88	165	3,542
West Virginia	21,188	5,069	23.9	16,119	67	403	113	289	790
Wisconsin	87,883	11,377	12.9	76,506	106	692	179	512	1,199
Wyoming	4,782	1,837	38.4	2,945	48	100	25	75	1,003

† Not applicable.

¹ Core education activities include: Chapter 1; Chapter 2; Special Education; Child Nutrition; Vocational Education; Adult Education; AIDS Education; Civil Rights Act; and Homeless Education Programs.

² Excludes District of Columbia and Hawaii.

³ Excludes State Teacher Retirement Program.

NOTE: Excludes funds for schools and school districts. FTE=full-time equivalent. Detail may not sum to totals due to rounding.

SOURCE: U.S. General Accounting Office, *Education Finance, Extent of Federal Funding in State Education Agencies*; and U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data Survey (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1992–93. (This table was prepared September 1996.)

Table 160. Summary of expenditures for public elementary and secondary education, by purpose: Selected years, 1919-20 to 2000-01

Purpose of expenditures	1919-20	1929-30	1939-40	1949-50	1959-60	1969-70	1979-80	1989-90	1998-99	1999-2000 ¹	2000-01
1	2	3	4	5	6	7	8	9	10	11	12
Amounts in thousands of dollars											
Total expenditures	\$1,036,151	\$2,316,790	\$2,344,049	\$5,837,643	\$15,613,255	\$40,683,429	\$95,961,561	\$212,769,564	\$355,837,818	\$381,838,155	\$411,518,072
Current expenditures for public elementary and secondary education	861,120	1,843,552	1,941,799	4,687,274	12,329,389	34,217,773	86,984,142	188,229,359	302,876,294	323,888,508	348,170,327
Administration	36,752	78,680	91,571	220,050	528,408	1,606,646	4,263,757	216,346,991	223,396,918	225,079,298	226,701,026
Instruction	632,556	1,317,727	1,403,285	3,112,340	8,350,738	23,270,158	53,257,937	2113,550,405	2186,776,182	2199,968,138	2214,239,936
Plant operation	115,707	216,072	194,365	427,587	1,085,036	2,537,257	9,744,785	20,261,415	29,396,471	31,190,295	33,928,030
Plant maintenance	30,432	78,810	73,321	214,164	422,586	974,941	(³)	(³)	(³)	(³)	(³)
Fixed charges	9,286	50,270	50,116	261,469	909,323	3,266,920	11,793,934	(³)	(³)	(³)	(³)
Other school services ⁴	36,387	101,993	129,141	451,663	1,033,297	2,561,856	7,923,729	23,807,548	263,306,722	267,650,776	273,301,335
Other current expenditures	3,277	9,825	13,367	35,614	132,566	635,803	597,585	2,982,543	5,242,618	5,457,015	6,064,862
Summer schools	(⁵)	(⁵)	(⁵)	(⁵)	13,263	106,481	24,753	—	—	—	—
Adult education ⁵	3,277	9,825	13,367	35,614	26,858	128,778	—	—	—	—	—
Community colleges	(⁵)	(⁵)	(⁵)	(⁵)	34,492	138,813	—	—	—	—	—
Community services	(⁴)	(⁴)	(⁴)	(⁴)	57,953	261,731	572,832	—	—	—	—
Capital outlay ⁶	153,543	370,878	257,974	1,014,176	2,661,786	4,659,072	6,506,167	17,781,342	39,522,710	43,357,186	47,117,751
Interest on school debt	18,212	92,536	130,909	100,578	489,514	1,170,782	1,873,666	3,776,321	8,196,196	9,135,445	10,165,131
Percentage distribution											
Total expenditures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Current expenditures for public elementary and secondary education	83.1	79.6	82.8	80.3	79.0	84.1	90.6	88.5	85.1	84.8	84.6
Administration	3.5	3.4	3.9	3.8	3.4	3.9	4.4	2.7	2.6	2.6	2.6
Instruction	61.0	56.9	59.9	53.3	53.5	57.2	55.5	25.4	25.2	25.2	25.2
Plant operation	11.2	9.3	8.3	7.3	6.9	6.2	10.2	2.9	2.8	2.8	2.8
Plant maintenance	2.9	3.4	3.1	3.7	2.7	2.4	(³)	(³)	(³)	(³)	(³)
Fixed charges	0.9	2.2	2.1	4.5	5.8	8.0	12.3	—	—	—	—
Other school services ⁴	3.5	4.4	5.5	7.7	6.6	6.3	8.3	17.9	17.8	17.7	17.8
Other current expenditures	0.3	0.4	0.6	0.6	0.8	1.6	0.6	1.4	1.5	1.4	1.5
Summer schools	(⁵)	(⁵)	(⁵)	(⁵)	0.1	0.3	#	—	—	—	—
Adult education ⁵	0.3	0.4	0.6	0.6	0.2	0.3	—	—	—	—	—
Community colleges	(⁵)	(⁵)	(⁵)	(⁵)	0.2	0.3	0.6	—	—	—	—
Community services	(⁴)	(⁴)	(⁴)	(⁴)	0.4	0.6	—	—	—	—	—
Capital outlay ⁶	14.8	16.0	11.0	17.4	17.0	11.5	6.8	8.4	11.1	11.4	11.4
Interest on school debt	1.8	4.0	5.6	1.7	3.1	2.9	2.0	1.8	2.3	2.4	2.5

⁶ Prior to 1969-70, excludes capital outlay by state and local school housing authorities.

NOTE: Beginning in 1959-60, includes Alaska and Hawaii. Beginning in 1989-90, state administration expenditures were excluded from both "total" and "current" expenditures. Beginning in 1989-90, extensive changes were made in the data collection procedures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; and The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1989-90 through 2000-01. (This table was prepared August 2003.)

—Not available.

Rounded to zero.

¹ Revised from previously published data.

² Data not comparable to figures prior to 1989-90.

³ Plant operation also includes plant maintenance.

⁴ Prior to 1959-60, items included under "other school services" were listed under "auxiliary services," a more comprehensive classification that also included community services.

⁵ Prior to 1959-60, data shown for adult education represent combined expenditures for adult education, summer schools, and community colleges.

Table 161. Current expenditures for public elementary and secondary education, by state or jurisdiction: Selected years, 1969–70 to 2000–01

(In thousands)

State or jurisdiction	1969–70	1979–80	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94
1	2	3	4	5	6	7	8	9	10
United States	\$34,217,773	\$86,984,142	\$94,321,093	\$137,164,965	\$188,229,359	\$202,037,752	\$211,210,190	\$220,948,052	\$231,542,764
Alabama	422,730	1,146,713	1,393,137	1,761,154	2,275,233	2,475,216	2,465,523	2,610,514	2,809,713
Alaska	81,374	377,947	476,368	818,219	828,051	854,499	931,869	967,765	1,002,515
Arizona	281,941	949,753	1,075,362	1,649,832	2,258,660	2,469,543	2,599,586	2,753,504	2,911,304
Arkansas	235,083	666,949	709,394	1,085,943	1,404,545	1,510,092	1,656,201	1,703,621	1,782,645
California	3,831,595	9,172,158	9,936,642	15,040,898	21,485,782	22,748,218	23,696,863	24,219,792	25,140,639
Colorado	369,218	1,243,049	1,369,883	2,018,579	2,451,833	2,642,850	2,754,087	2,919,916	2,954,793
Connecticut	588,710	1,227,892	1,440,881	2,144,094	3,444,520	3,540,411	3,665,505	3,739,497	3,943,891
Delaware	108,747	269,108	270,439	391,558	520,953	543,933	572,152	600,161	643,915
District of Columbia	141,138	298,448	295,155	406,910	639,983	647,901	677,422	670,677	713,427
Florida	961,273	2,766,468	3,336,657	5,092,668	8,228,531	9,045,710	9,314,079	9,661,012	10,331,896
Georgia	599,371	1,608,028	1,688,714	2,979,980	4,505,962	4,804,225	4,856,583	5,273,143	5,643,843
Hawaii	141,324	351,889	395,038	575,456	700,012	827,579	884,591	946,074	998,143
Idaho	103,107	313,927	352,912	492,092	627,794	708,045	760,440	804,231	859,088
Illinois	1,896,067	4,579,355	4,773,179	6,066,390	8,125,493	8,932,538	9,244,655	9,942,737	10,076,889
Indiana	809,105	1,851,292	1,898,194	2,851,080	4,074,578	4,379,142	4,544,829	4,797,946	5,064,685
Iowa	527,086	1,186,659	1,337,504	1,644,359	2,004,742	2,136,561	2,356,196	2,459,141	2,527,434
Kansas	362,593	830,133	958,281	1,423,225	1,848,302	1,938,012	2,028,440	2,224,080	2,325,247
Kentucky	353,265	1,054,459	1,096,472	1,434,962	2,134,011	2,480,363	2,709,623	2,823,134	2,952,119
Louisiana	503,217	1,303,902	1,767,692	2,333,748	2,838,283	3,023,690	3,188,024	3,199,919	3,309,018
Maine	155,907	385,492	401,355	688,673	1,048,195	1,070,965	1,121,360	1,217,418	1,208,411
Maryland	721,794	1,783,056	1,937,159	2,634,209	3,894,644	4,240,862	4,362,679	4,556,266	4,783,023
Massachusetts	907,341	2,638,734	2,794,762	3,403,505	4,760,390	4,906,828	5,035,973	5,281,067	5,637,337
Michigan	1,799,945	4,642,847	5,196,249	6,184,767	8,025,621	8,545,805	9,156,501	9,532,994	9,816,830
Minnesota	781,243	1,786,768	1,900,322	2,637,722	3,474,398	3,740,820	3,936,695	4,135,284	4,328,093
Mississippi	262,760	756,018	716,878	1,058,301	1,472,710	1,510,552	1,536,295	1,600,752	1,725,386
Missouri	642,030	1,504,988	1,643,258	2,277,576	3,288,738	3,487,786	3,611,613	3,710,426	3,981,614
Montana	127,176	358,118	380,092	567,901	641,345	719,963	751,710	785,159	822,015
Nebraska	231,612	581,615	629,017	911,983	1,233,431	1,297,643	1,381,290	1,430,039	1,513,971
Nevada	87,273	281,901	287,752	495,147	712,898	864,379	962,800	1,035,623	1,099,685
New Hampshire	101,370	295,400	340,518	522,604	821,671	890,116	927,625	972,963	1,007,129
New Jersey	1,343,564	3,638,533	3,648,914	5,735,895	8,119,336	8,897,612	9,660,899	9,915,482	10,448,096
New Mexico	183,736	515,451	560,213	808,036	1,020,148	1,134,156	1,212,189	1,240,310	1,323,459
New York	4,111,839	8,760,500	9,259,948	13,686,039	18,090,978	19,514,583	19,781,384	20,898,267	22,059,949
North Carolina	676,193	1,880,862	2,112,417	2,991,747	4,342,826	4,605,384	4,660,027	4,930,823	5,145,416
North Dakota	97,895	228,483	254,197	379,470	459,391	460,581	491,293	511,095	522,377
Ohio	1,639,805	3,836,576	4,149,858	5,856,999	7,994,379	8,407,428	9,124,731	9,173,393	9,612,678
Oklahoma	339,105	1,055,844	1,193,373	1,740,981	1,905,332	2,107,513	2,268,958	2,442,320	2,680,113
Oregon	403,844	1,126,812	1,292,624	1,662,372	2,297,944	2,453,934	2,626,803	2,849,009	2,852,723
Pennsylvania	1,912,644	4,584,320	4,955,115	6,750,520	9,496,788	10,087,322	10,371,796	10,944,392	11,236,417
Rhode Island	145,443	362,046	395,389	569,935	801,908	823,655	865,898	934,815	990,094
South Carolina	367,689	997,984	1,006,088	1,708,603	2,322,618	2,494,254	2,564,949	2,690,009	2,790,878
South Dakota	109,375	238,332	242,215	360,832	447,074	481,304	518,156	553,005	584,894
Tennessee	473,226	1,319,303	1,429,938	1,990,889	2,790,808	2,903,209	2,859,755	3,139,223	3,305,579
Texas	1,518,181	4,997,689	5,310,181	9,642,812	12,763,954	13,695,327	14,709,628	15,121,655	16,193,722
Utah	179,981	518,251	587,648	906,484	1,130,135	1,235,916	1,296,723	1,376,319	1,511,205
Vermont	78,921	189,811	224,901	346,164	546,901	599,018	606,410	616,212	643,828
Virginia	704,677	1,881,519	2,045,412	3,183,707	4,621,071	4,958,213	4,993,480	5,228,326	5,441,384
Washington	699,984	1,825,782	1,791,477	2,702,652	3,550,819	3,906,471	4,259,048	4,679,698	4,892,690
West Virginia	249,404	678,386	754,889	1,164,882	1,316,637	1,473,640	1,503,980	1,626,005	1,663,868
Wisconsin	777,288	1,908,523	2,035,879	2,893,797	3,929,920	4,292,434	4,597,004	4,954,900	5,170,343
Wyoming	69,584	226,067	271,153	488,616	509,084	521,549	545,870	547,938	558,353
Outlying areas									
American Samoa	—	—	—	14,997	21,838	24,946	26,972	23,636	25,161
Guam	16,652	—	—	78,545	101,130	116,406	132,494	161,477	160,797
Northern Marianas	—	—	—	12,556	20,476	26,822	32,498	38,784	32,824
Puerto Rico	—	—	713,000	842,827	1,045,407	1,142,863	1,207,235	1,295,452	1,360,762
Virgin Islands	—	—	—	76,751	128,065	119,950	121,660	120,510	120,556

See notes at end of table.

Table 161. Current expenditures for public elementary and secondary education, by state or jurisdiction: Selected years, 1969–70 to 2000–01—Continued

[In thousands]							
State or jurisdiction	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000 ¹	2000–01
1	11	12	13	14	15	16	17
United States	\$243,877,582	\$255,106,683	\$270,174,298	\$285,485,370	\$302,876,294	\$323,888,508	\$348,170,327
Alabama	3,026,287	3,240,364	3,436,406	3,633,159	3,880,188	4,176,082	4,354,794
Alaska	1,020,675	1,045,022	1,069,379	1,092,750	1,137,610	1,183,499	1,229,036
Arizona	3,144,540	3,327,969	3,527,473	3,740,889	3,963,455	4,288,739	4,632,539
Arkansas	1,873,595	1,994,748	2,074,113	2,149,237	2,241,244	2,380,331	2,505,179
California	25,949,033	27,334,639	29,909,168	32,759,492	34,379,878	38,129,479	42,908,787
Colorado	3,232,976	3,360,529	3,577,211	3,886,872	4,140,699	4,401,010	4,758,173
Connecticut	4,247,328	4,366,123	4,522,718	4,763,653	5,075,580	5,402,836	5,693,207
Delaware	694,473	726,241	788,715	830,731	872,786	937,630	1,027,224
District of Columbia	666,938	679,106	632,952	647,202	693,712	780,192	830,299
Florida	11,019,735	11,480,359	12,018,676	12,737,325	13,534,374	13,885,988	15,023,514
Georgia	6,136,689	6,629,646	7,230,405	7,770,241	8,537,177	9,158,624	10,011,343
Hawaii	1,028,729	1,040,682	1,057,069	1,112,351	1,143,713	1,213,695	1,215,968
Idaho	951,350	1,019,594	1,090,597	1,153,778	1,239,755	1,302,817	1,403,190
Illinois	10,640,279	10,727,091	11,720,249	12,473,064	13,602,965	14,462,773	15,658,682
Indiana	5,243,761	5,493,653	6,055,055	6,234,563	6,697,468	7,110,930	7,548,487
Iowa	2,622,510	2,753,425	2,885,943	3,005,421	3,110,585	3,264,336	3,430,885
Kansas	2,406,580	2,488,077	2,568,525	2,684,244	2,841,147	2,971,814	3,258,807
Kentucky	2,988,892	3,171,495	3,382,062	3,489,205	3,696,331	3,837,794	4,047,392
Louisiana	3,475,926	3,545,832	3,747,508	4,029,139	4,264,981	4,391,189	4,485,878
Maine	1,281,706	1,313,759	1,372,571	1,433,175	1,510,024	1,604,438	1,704,422
Maryland	5,083,380	5,311,207	5,529,309	5,843,685	6,165,934	6,545,135	7,041,586
Massachusetts	6,062,303	6,435,458	6,846,610	7,381,784	7,948,502	8,564,039	9,272,387
Michigan	10,440,206	11,137,877	11,686,124	12,003,818	12,785,480	13,994,294	14,243,597
Minnesota	4,622,930	4,844,879	5,087,353	5,452,571	5,836,186	6,140,442	6,531,198
Mississippi	1,921,480	2,000,321	2,035,675	2,164,592	2,293,188	2,510,376	2,576,457
Missouri	4,275,217	4,531,192	4,775,931	5,067,720	5,348,366	5,655,531	6,076,169
Montana	844,257	868,892	902,252	929,197	955,695	994,770	1,041,760
Nebraska	1,594,928	1,648,104	1,707,455	1,743,775	1,821,310	1,926,500	2,067,290
Nevada	1,186,132	1,296,629	1,434,395	1,570,576	1,738,009	1,875,467	1,978,480
New Hampshire	1,053,966	1,114,540	1,173,958	1,241,255	1,316,946	1,418,503	1,518,792
New Jersey	10,776,982	11,208,558	11,771,941	12,056,560	12,874,579	13,327,645	14,773,650
New Mexico	1,441,078	1,517,517	1,557,376	1,659,891	1,788,382	1,890,274	2,022,093
New York	22,989,629	23,522,461	24,237,291	25,332,735	26,885,444	28,433,240	30,884,292
North Carolina	5,440,426	5,582,994	5,964,939	6,497,648	7,097,882	7,713,293	8,209,954
North Dakota	534,632	557,043	577,498	599,443	625,428	638,946	668,814
Ohio	10,030,956	10,408,022	10,948,074	11,448,722	12,138,937	12,974,575	13,893,495
Oklahoma	2,763,721	2,804,088	2,990,044	3,138,690	3,332,697	3,382,581	3,750,542
Oregon	2,948,539	3,056,801	3,184,100	3,474,714	3,706,044	3,896,287	4,112,069
Pennsylvania	11,587,027	12,374,073	12,820,704	13,084,859	13,532,211	14,120,112	14,895,316
Rhode Island	1,050,969	1,094,185	1,151,888	1,215,595	1,283,859	1,393,143	1,465,703
South Carolina	2,920,230	3,085,495	3,296,661	3,507,017	3,759,042	4,087,355	4,492,161
South Dakota	612,825	610,640	628,753	665,082	696,785	737,998	796,133
Tennessee	3,540,682	3,728,486	4,145,380	4,409,338	4,638,924	4,931,734	5,170,379
Texas	17,572,269	18,801,462	20,167,238	21,188,676	22,430,153	25,098,703	26,546,557
Utah	1,618,047	1,719,782	1,822,725	1,916,688	2,025,714	2,102,655	2,250,339
Vermont	665,559	684,864	718,092	749,786	792,664	870,198	934,031
Virginia	5,750,318	5,969,608	6,343,768	6,736,863	7,137,419	7,757,598	8,335,805
Washington	5,138,928	5,394,507	5,587,803	5,987,060	6,098,008	6,399,885	6,782,127
West Virginia	1,758,557	1,806,004	1,847,560	1,905,940	1,986,562	2,086,937	2,157,568
Wisconsin	5,422,264	5,670,826	5,975,122	6,280,696	6,620,653	6,852,178	7,249,081
Wyoming	577,144	581,817	591,488	603,901	651,622	683,918	704,695
Outlying areas							
American Samoa	28,643	30,382	33,780	33,088	35,092	42,395	40,642
Guam	161,434	158,303	156,561	168,716	—	—	—
Northern Marianas	45,008	44,037	53,140	56,514	50,450	49,832	46,569
Puerto Rico	1,501,485	1,667,640	1,740,074	1,981,603	2,024,499	2,086,414	2,257,837
Virgin Islands	122,094	122,286	122,188	131,315	146,474	135,174	125,252

—Not available.

¹Data revised from previously published figures.

NOTE: Beginning in 1980–81, expenditures for state administration are excluded. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; and The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1985–86 through 2000–01. (This table was prepared August 2003.)

Table 162. Total expenditures for public elementary and secondary education, by function and state or jurisdiction: 2000–01

[In thousands]

State or jurisdiction	Total expenditures							
	Total	Current expenditures for elementary and secondary programs						
		Current expenditures for public schools	Instruction	Support services				
				Total	Student support ⁴	Instructional staff ⁵	General administration	School administration
1	2	3	4	5	6	7	8	9
United States	\$411,518,072	\$348,170,327	\$214,239,936	\$119,340,347	\$17,367,186	\$15,927,504	\$7,121,361	\$19,579,665
Alabama	5,075,425	4,354,794	2,685,185	1,372,039	194,873	163,049	113,731	266,484
Alaska	1,405,783	1,229,036	706,834	480,533	77,489	66,513	21,739	70,212
Arizona	6,837,290	4,632,539	2,644,051	1,680,590	309,848	132,575	80,537	254,191
Arkansas	2,809,612	2,505,179	1,529,997	835,105	116,665	104,292	90,336	149,313
California	50,549,119	42,908,787	26,669,527	14,607,413	1,746,254	2,488,946	342,007	2,981,151
Colorado	5,721,045	4,758,173	2,720,856	1,864,821	188,822	208,275	67,541	305,395
Connecticut	6,633,858	5,693,207	3,636,781	1,847,122	311,296	197,658	115,875	310,636
Delaware	1,191,951	1,027,224	624,720	355,721	46,479	14,788	11,301	57,449
District of Columbia ..	1,051,014	830,299	412,276	394,657	82,019	90,117	22,686	36,693
Florida	18,752,867	15,023,514	8,765,578	5,527,470	759,791	927,605	169,568	907,371
Georgia	11,865,052	10,011,343	6,348,453	3,147,603	456,467	508,620	132,546	609,643
Hawaii	1,410,119	1,215,968	732,495	412,198	88,081	47,163	33,214	74,077
Idaho	1,564,207	1,403,190	860,621	481,262	79,799	55,226	35,482	82,983
Illinois	18,932,238	15,658,682	9,353,629	5,790,227	951,476	644,710	512,802	824,828
Indiana	9,084,055	7,548,487	4,649,180	2,594,493	331,669	241,588	137,010	426,204
Iowa	3,918,833	3,430,885	2,009,507	1,165,065	221,553	171,592	96,928	179,100
Kansas	3,591,632	3,258,807	1,910,980	1,196,779	183,240	144,794	119,755	201,474
Kentucky	4,339,910	4,047,392	2,480,235	1,353,852	155,500	196,363	119,093	232,723
Louisiana	5,017,490	4,485,878	2,703,004	1,488,369	182,162	199,147	104,763	245,271
Maine	1,902,758	1,704,422	1,140,002	506,477	54,265	52,003	33,673	94,250
Maryland	7,966,173	7,041,586	4,313,374	2,379,400	302,943	378,521	66,647	457,146
Massachusetts	9,833,455	9,272,387	6,149,830	2,794,423	440,564	314,645	180,840	404,762
Michigan	17,266,301	14,243,597	8,314,919	5,498,768	894,685	670,292	326,349	884,694
Minnesota	8,104,831	6,531,198	4,056,664	2,203,771	227,252	375,205	182,928	274,753
Mississippi	2,885,800	2,576,457	1,556,216	852,422	107,703	107,432	79,597	147,434
Missouri	7,148,100	6,076,169	3,686,233	2,124,095	283,164	266,796	188,753	364,015
Montana	1,123,812	1,041,760	642,783	356,661	50,610	39,882	31,768	55,193
Nebraska	2,378,237	2,067,290	1,289,065	625,145	81,967	77,505	79,370	104,982
Nevada	2,702,909	1,978,480	1,235,986	679,607	75,305	78,623	32,152	141,374
New Hampshire	1,723,025	1,518,792	986,636	483,011	97,216	43,636	51,475	84,895
New Jersey	16,571,448	14,773,650	8,757,552	5,569,389	1,276,770	474,147	418,087	783,064
New Mexico	2,375,194	2,022,093	1,124,723	799,469	199,000	90,190	60,396	117,670
New York	35,703,439	30,884,292	20,964,737	9,079,172	1,017,926	856,999	654,255	1,282,516
North Carolina	9,920,176	8,209,954	5,205,893	2,541,222	427,826	280,092	164,154	543,047
North Dakota	739,258	668,814	398,009	215,431	23,926	20,421	32,867	32,400
Ohio	16,327,367	13,893,495	8,126,488	5,283,554	755,928	844,545	355,582	818,599
Oklahoma	4,082,423	3,750,542	2,170,392	1,339,283	234,802	117,988	106,817	199,530
Oregon	4,677,930	4,112,069	2,416,798	1,553,536	261,338	178,204	67,200	257,156
Pennsylvania	17,835,344	14,895,316	9,301,282	5,034,564	692,455	534,648	451,449	654,287
Rhode Island	1,538,412	1,465,703	945,243	482,636	110,740	56,252	22,718	74,095
South Carolina	5,539,077	4,492,161	2,688,234	1,557,201	296,257	272,011	58,917	270,140
South Dakota	961,630	796,133	472,130	282,454	41,730	35,216	26,834	41,251
Tennessee	6,280,529	5,170,379	3,331,249	1,584,632	175,454	278,738	99,602	267,906
Texas	32,885,506	26,546,557	16,045,613	9,176,521	1,286,358	1,472,149	437,986	1,456,457
Utah	2,750,282	2,250,339	1,455,772	659,359	81,292	94,865	22,617	135,143
Vermont	1,014,673	934,031	605,140	303,403	63,852	31,795	23,034	61,133
Virginia	9,690,316	8,335,805	5,144,215	2,865,859	392,921	509,049	125,535	494,001
Washington	8,152,660	6,782,127	4,025,930	2,426,047	474,586	312,780	154,695	328,257
West Virginia	2,348,364	2,157,568	1,325,664	706,549	72,480	58,093	55,685	118,042
Wisconsin	8,553,822	7,249,081	4,493,131	2,526,174	341,375	373,491	188,013	374,320
Wyoming	783,319	704,695	426,125	254,792	41,012	28,273	14,451	41,955
Outlying areas								
American Samoa	48,742	40,642	16,551	16,136	6,789	2,771	508	1,857
Guam	—	—	—	—	—	—	—	—
Northern Marianas	57,001	46,569	37,757	5,991	587	103	4,862	—
Puerto Rico	2,368,687	2,257,837	1,578,747	465,714	70,940	28,843	38,378	—
Virgin Islands	136,704	125,252	78,554	40,007	7,053	3,981	5,813	7,815

See notes at end of table.

Table 162. Total expenditures for public elementary and secondary education, by function and state or jurisdiction: 2000-01—Continued

[In thousands]

State or jurisdiction	Total expenditures							
	Current expenditures for elementary and secondary programs					Other current expenditures ¹	Capital outlay ²	Interest on school debt
	Support services			Food services	Enterprise operations ³			
	Operation and maintenance	Student transportation	Other support services					
1	10	11	12	13	14	15	16	17
United States	\$33,928,030	\$14,060,957	\$11,355,643	\$13,813,582	\$776,463	\$6,064,862	\$47,117,751	\$10,165,131
Alabama	376,377	183,374	74,151	297,570	0	104,322	532,066	84,244
Alaska	157,631	46,324	40,626	35,529	6,140	6,643	150,565	19,539
Arizona	529,312	177,521	196,607	307,898	0	33,405	1,807,723	363,622
Arkansas	219,591	88,856	66,052	140,006	71	8,867	238,613	56,954
California	4,033,226	1,044,599	1,971,231	1,587,669	44,178	884,682	6,361,029	394,620
Colorado	482,414	145,078	467,296	155,719	16,777	43,477	676,433	242,962
Connecticut	524,003	258,846	128,807	158,388	50,916	107,271	701,251	132,129
Delaware	113,345	56,090	56,268	46,784	0	15,650	135,034	14,043
District of Columbia	88,666	53,889	20,586	23,366	0	11,742	184,107	24,867
Florida	1,627,210	639,658	496,267	730,466	0	462,334	2,872,053	394,967
Georgia	789,041	379,198	272,089	508,033	7,254	51,358	1,621,274	181,077
Hawaii	115,300	21,479	32,884	71,275	0	33,606	119,029	41,515
Idaho	133,157	65,470	29,145	61,308	0	3,998	126,521	30,498
Illinois	1,653,603	696,273	506,535	514,826	0	144,436	2,638,147	490,973
Indiana	822,447	413,265	222,309	304,814	0	58,425	846,039	631,104
Iowa	303,862	106,385	85,645	151,631	104,682	25,274	405,211	57,463
Kansas	340,644	127,966	78,906	151,049	0	3,482	219,445	109,898
Kentucky	354,933	202,672	92,569	213,305	0	48,319	168,068	76,130
Louisiana	419,920	239,754	97,353	294,432	73	19,040	410,272	102,300
Maine	165,312	76,755	30,219	57,888	54	19,453	140,577	38,307
Maryland	581,795	343,002	249,347	213,503	135,308	19,844	823,792	80,951
Massachusetts	850,385	388,675	214,553	328,134	0	127,887	180,165	253,016
Michigan	1,501,936	585,951	634,860	429,910	0	353,580	2,103,973	565,151
Minnesota	591,248	355,160	197,227	270,762	0	298,993	977,005	297,635
Mississippi	251,529	111,959	46,768	167,480	339	20,525	226,553	62,265
Missouri	619,279	287,559	114,529	265,841	0	144,478	717,285	210,168
Montana	108,424	45,509	25,274	41,154	1,162	7,441	63,120	11,490
Nebraska	187,951	56,388	36,982	81,862	71,218	3,420	263,916	43,612
Nevada	193,248	78,997	79,909	62,886	0	13,784	576,699	133,946
New Hampshire	130,048	65,634	10,107	49,145	0	4,257	166,961	33,015
New Jersey	1,496,763	824,006	296,552	360,336	86,373	174,057	1,376,223	247,518
New Mexico	202,421	96,974	32,818	96,631	1,270	14,333	304,873	33,894
New York	2,816,262	1,510,433	940,781	840,384	0	1,295,289	2,657,721	866,137
North Carolina	637,646	289,108	199,350	462,839	0	46,011	1,429,502	234,710
North Dakota	60,949	31,108	13,759	32,672	22,702	5,819	57,105	7,519
Ohio	1,317,243	622,736	568,921	481,764	1,689	420,683	1,710,063	303,126
Oklahoma	437,895	123,131	119,122	200,688	40,178	22,254	272,274	37,354
Oregon	358,182	174,122	257,333	130,385	11,350	17,780	419,441	128,641
Pennsylvania	1,539,350	724,783	437,592	530,877	28,593	346,074	1,900,009	693,945
Rhode Island	125,195	61,617	32,020	37,824	0	17,924	27,590	27,195
South Carolina	405,891	137,668	116,317	230,027	16,699	59,273	860,096	127,547
South Dakota	80,404	28,010	29,009	39,643	2,085	3,132	143,806	18,559
Tennessee	501,413	178,977	82,543	254,498	0	29,795	901,761	178,594
Texas	2,952,082	698,598	872,891	1,324,423	0	221,309	4,895,784	1,221,856
Utah	214,816	67,653	42,973	118,515	16,693	64,514	367,644	67,786
Vermont	74,583	29,813	19,193	25,149	339	2,968	62,237	15,437
Virginia	822,246	387,028	135,080	323,873	1,858	52,271	1,113,011	189,229
Washington	671,466	266,490	217,774	222,012	108,138	40,657	1,039,796	290,079
West Virginia	228,018	143,132	31,098	125,354	1	33,650	146,316	10,830
Wisconsin	642,672	293,370	312,933	229,707	69	115,591	911,549	277,601
Wyoming	76,704	29,913	22,484	23,523	254	1,486	68,025	9,113
Outlying areas								
American Samoa	2,502	568	1,140	7,954	0	2,657	5,443	0
Guam	—	—	—	—	—	—	—	—
Northern Marianas	314	69	57	2,821	0	139	10,294	0
Puerto Rico	224,179	43,057	60,317	213,376	0	46,694	44,914	19,242
Virgin Islands	8,917	4,328	2,100	5,979	712	2,177	9,275	0

—Not available.

¹ Includes expenditures for adult education, community colleges, private school programs funded by local and state education agencies, and community services.² Includes expenditures for property and for building and alterations completed by school district staff or contractors.³ Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time). Also includes small amounts for direct program support made by state education agencies for local school districts.⁴ Includes expenditures for health, attendance, and speech pathology services.⁵ Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 2000-01. (This table was prepared July 2003.)

Table 163. Total expenditures for public elementary and secondary education, by function and state or jurisdiction: 1999–2000

[In thousands]

State or jurisdiction	Total expenditures							
	Total	Current expenditures for elementary and secondary programs						
		Current expenditures for public schools	Instruction	Support services				
				Total	Student support ⁴	Instructional staff ⁵	General administration	School administration
1	2	3	4	5	6	7	8	9
United States	\$381,838,155	\$323,888,508	\$199,968,138	\$110,153,391	\$16,046,845	\$14,640,411	\$6,698,006	\$18,381,292
Alabama	5,010,612	4,176,082	2,577,581	1,319,454	182,988	159,957	114,952	256,470
Alaska	1,397,285	1,183,499	662,932	480,989	62,790	87,743	58,346	66,182
Arizona	5,895,099	4,288,739	2,605,219	1,477,507	285,277	114,098	75,745	218,670
Arkansas	2,679,792	2,380,331	1,447,716	798,529	106,478	96,643	82,169	141,198
California	44,759,855	38,129,479	23,832,969	12,815,848	1,494,680	2,058,205	275,312	2,675,276
Colorado	5,461,006	4,401,010	2,550,133	1,691,847	171,884	189,715	65,957	287,020
Connecticut	6,304,421	5,402,836	3,426,238	1,719,095	289,228	180,122	109,067	294,837
Delaware	1,048,645	937,630	576,886	316,901	42,621	13,410	10,505	51,846
District of Columbia	890,143	780,192	324,325	434,354	62,317	153,670	21,118	35,188
Florida	17,515,027	13,885,988	8,076,047	5,121,344	701,303	858,262	148,338	853,189
Georgia	10,899,994	9,158,624	5,713,274	2,948,563	441,902	526,019	119,739	564,795
Hawaii	1,406,978	1,213,695	765,134	373,037	89,758	46,736	8,896	73,414
Idaho	1,492,809	1,302,817	804,086	442,073	72,211	51,948	33,438	77,474
Illinois	17,392,541	14,462,773	8,686,846	5,280,916	861,098	582,985	491,777	768,285
Indiana	8,612,151	7,110,930	4,433,163	2,388,519	312,521	222,841	129,839	400,850
Iowa	3,694,883	3,264,336	1,921,516	1,098,019	211,399	160,880	97,496	174,414
Kansas	3,286,262	2,971,814	1,703,818	1,122,727	168,169	129,344	115,561	192,601
Kentucky	4,145,224	3,837,794	2,343,704	1,280,466	146,108	192,055	115,601	219,915
Louisiana	4,925,923	4,391,189	2,645,628	1,408,763	176,747	195,884	98,832	238,911
Maine	1,799,866	1,604,438	1,072,763	469,366	49,281	47,144	32,184	89,554
Maryland	7,348,943	6,545,135	4,028,454	2,190,247	271,035	338,868	53,765	434,916
Massachusetts	9,078,617	8,564,039	5,700,310	2,558,087	405,750	285,910	182,740	368,788
Michigan	16,841,093	13,994,294	8,137,640	5,454,043	921,491	664,954	329,564	888,506
Minnesota	7,614,218	6,140,442	3,861,367	2,023,544	206,787	332,357	189,444	253,827
Mississippi	2,931,371	2,510,376	1,532,550	814,941	104,393	104,193	77,861	140,799
Missouri	6,733,065	5,655,531	3,484,116	1,932,389	261,722	246,384	171,818	338,625
Montana	1,073,132	994,770	620,684	334,121	47,151	36,734	29,796	52,873
Nebraska	2,195,263	1,926,500	1,209,991	569,901	81,533	68,152	68,826	96,665
Nevada	2,444,804	1,875,467	1,119,108	698,300	69,753	74,177	30,292	135,460
New Hampshire	1,580,317	1,418,503	929,165	443,067	90,269	39,089	47,825	78,350
New Jersey	14,953,710	13,327,645	7,848,553	5,066,132	1,146,201	411,176	396,998	721,086
New Mexico	2,214,591	1,890,274	1,066,564	731,346	184,660	80,010	52,710	108,257
New York	32,354,348	28,433,240	19,368,224	8,299,373	963,004	789,896	580,939	1,208,635
North Carolina	9,366,556	7,713,293	4,893,381	2,387,992	404,419	272,909	160,681	519,383
North Dakota	732,929	638,946	382,289	203,506	23,187	19,185	31,583	31,244
Ohio	15,021,942	12,974,575	7,633,412	4,871,562	689,078	754,802	335,830	762,406
Oklahoma	3,677,397	3,382,581	1,956,646	1,202,906	203,606	109,018	108,369	197,662
Oregon	4,419,127	3,896,287	2,313,122	1,446,181	233,772	178,376	65,522	247,463
Pennsylvania	16,981,551	14,120,112	8,857,974	4,732,578	661,009	528,512	432,356	625,799
Rhode Island	1,456,291	1,393,143	916,608	437,400	93,915	59,712	29,053	68,118
South Carolina	4,968,906	4,087,355	2,450,038	1,404,865	266,564	241,761	52,421	248,734
South Dakota	902,255	737,998	444,596	253,953	39,427	29,413	25,625	38,846
Tennessee	5,818,502	4,931,734	3,216,104	1,468,494	166,624	271,097	95,540	255,258
Texas	31,071,241	25,098,703	15,278,648	8,555,496	1,208,268	1,332,764	431,434	1,413,099
Utah	2,599,491	2,102,655	1,372,663	603,245	75,110	87,721	22,049	124,917
Vermont	929,310	870,198	562,372	283,750	56,560	30,261	23,208	58,013
Virginia	9,008,649	7,757,598	4,825,091	2,639,236	367,659	456,002	75,731	461,367
Washington	7,765,238	6,399,885	3,816,969	2,269,270	443,818	294,354	142,471	310,447
West Virginia	2,281,245	2,086,937	1,288,004	675,680	68,461	57,494	53,600	114,491
Wisconsin	8,091,176	6,852,178	4,265,597	2,370,682	322,627	350,386	180,205	359,199
Wyoming	764,360	683,918	417,920	242,788	40,235	27,083	14,878	40,972
Outlying areas								
American Samoa	51,050	42,395	16,164	17,380	6,876	2,984	501	1,922
Guam	—	—	—	—	—	—	—	—
Northern Marianas	57,669	49,832	40,226	6,488	579	0	5,704	—
Puerto Rico	2,198,277	2,086,414	1,453,889	397,265	54,068	18,174	39,279	—
Virgin Islands	147,528	135,174	84,107	44,682	8,314	5,604	7,636	6,300

See notes at end of table.

Table 163. Total expenditures for public elementary and secondary education, by function and state or jurisdiction: 1999–2000—Continued

[In thousands]

State or jurisdiction	Total expenditures							
	Current expenditures for elementary and secondary programs					Other current expenditures ¹	Capital outlay ²	Interest on school debt
	Support services			Food services	Enterprise operations ³			
	Operation and maintenance	Student transportation	Other support services					
1	10	11	12	13	14	15	16	17
United States	\$31,190,295	\$13,007,625	\$10,188,917	\$12,948,807	\$818,172	\$5,457,015	\$43,357,186	\$9,135,445
Alabama	353,011	175,720	76,357	279,047	0	92,742	666,798	74,991
Alaska	158,659	44,603	2,666	33,426	6,151	7,134	184,599	22,053
Arizona	514,748	153,198	115,772	206,014	0	3,959	1,295,700	306,701
Arkansas	217,001	86,839	68,201	134,070	15	8,714	239,157	51,590
California	3,665,200	954,377	1,692,799	1,455,196	25,466	774,401	5,555,655	300,320
Colorado	408,898	132,081	436,293	144,995	14,035	39,178	786,569	234,249
Connecticut	486,917	242,243	116,681	150,950	106,554	101,973	676,812	122,799
Delaware	97,840	51,456	49,223	43,843	0	15,374	81,932	13,709
District of Columbia	99,048	41,673	21,339	21,513	0	1,664	87,713	20,574
Florida	1,507,980	591,859	460,412	688,597	0	449,022	2,806,038	373,979
Georgia	713,052	341,807	241,248	489,217	7,570	49,228	1,521,103	171,039
Hawaii	98,311	21,965	33,958	75,524	0	33,842	118,918	40,522
Idaho	121,317	60,757	24,928	56,658	0	3,370	155,544	31,078
Illinois	1,500,335	628,796	447,639	495,011	0	131,771	2,464,022	333,975
Indiana	765,291	391,535	165,644	289,249	0	54,667	852,641	593,913
Iowa	272,365	101,089	80,376	146,479	98,322	25,789	353,405	51,353
Kansas	310,511	123,278	83,263	145,268	0	3,111	212,543	98,795
Kentucky	334,397	189,886	82,504	213,624	0	47,633	176,416	83,381
Louisiana	371,852	228,777	97,760	289,070	47,727	17,843	415,636	101,256
Maine	151,503	72,019	27,681	62,256	53	17,983	141,831	35,615
Maryland	600,657	316,041	174,965	196,592	129,843	17,807	709,551	76,450
Massachusetts	780,490	353,091	181,318	305,641	0	116,919	200,057	197,603
Michigan	1,470,480	542,967	636,081	402,611	0	336,809	1,996,865	513,125
Minnesota	513,869	336,038	191,222	255,531	0	280,143	914,555	279,078
Mississippi	241,599	102,317	43,780	162,339	546	18,201	345,811	56,983
Missouri	544,406	266,770	102,663	239,026	0	131,651	759,780	186,103
Montana	102,809	42,987	21,771	39,240	726	7,096	60,477	10,789
Nebraska	168,340	52,996	33,390	79,289	67,318	3,171	228,437	37,155
Nevada	182,023	76,444	130,151	58,058	0	12,300	428,919	128,119
New Hampshire	119,467	60,338	7,728	46,272	0	3,642	130,145	28,026
New Jersey	1,371,519	738,680	280,471	338,348	74,613	164,134	1,232,944	228,987
New Mexico	183,696	92,536	29,477	91,095	1,270	12,717	279,568	32,031
New York	2,558,789	1,391,996	806,115	765,643	0	1,112,759	1,949,689	858,660
North Carolina	584,633	277,808	168,159	431,920	0	48,014	1,388,756	216,493
North Dakota	55,930	28,978	13,399	31,516	21,636	5,138	80,652	8,193
Ohio	1,200,768	573,123	555,554	467,064	2,537	398,489	1,392,455	256,423
Oklahoma	372,381	112,928	98,942	184,909	38,121	17,186	236,705	40,924
Oregon	335,419	161,871	223,758	125,416	11,567	13,217	395,381	114,241
Pennsylvania	1,426,223	655,225	403,454	502,168	27,393	340,408	1,874,275	646,755
Rhode Island	110,736	57,080	18,785	39,135	0	8,397	30,593	24,158
South Carolina	365,810	130,068	99,506	215,000	17,452	50,872	721,810	108,870
South Dakota	69,979	26,343	24,319	37,669	1,780	2,042	144,374	17,842
Tennessee	441,401	167,666	70,908	247,136	0	26,853	743,906	116,009
Texas	2,699,619	674,116	796,197	1,264,559	0	161,112	4,719,702	1,091,725
Utah	190,844	62,341	40,266	115,299	11,447	64,889	366,789	65,159
Vermont	69,026	29,176	17,507	23,404	671	5,341	39,165	14,606
Virginia	759,413	346,729	172,336	291,865	1,406	54,375	1,005,551	191,125
Washington	629,687	251,483	197,011	210,294	103,351	35,736	1,043,767	285,850
West Virginia	217,199	136,386	28,049	123,232	22	32,928	147,736	13,645
Wisconsin	603,684	280,978	276,603	215,796	103	93,596	926,361	219,041
Wyoming	71,165	28,168	20,287	22,733	477	1,677	69,379	9,386
Outlying areas								
American Samoa	2,996	598	1,503	8,851	0	2,747	5,908	0
Guam	—	—	—	—	—	—	—	—
Northern Marianas	54	78	73	3,118	0	337	7,501	0
Puerto Rico	187,386	36,305	62,053	235,261	0	47,086	45,155	19,621
Virgin Islands	9,347	4,738	2,743	5,623	761	2,155	10,199	0

—Not available.

¹Includes expenditures for adult education, community colleges, private school programs funded by local and state education agencies, and community services.²Includes expenditures for property and for building and alterations completed by school district staff or contractors.³Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time). Also includes small amounts for direct program support made by state education agencies for local school districts.⁴Includes expenditures for health, attendance, and speech pathology services.⁵Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

NOTE: Excludes expenditures for state education agencies. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1999–2000. (This table was prepared August 2003.)

Table 165. Expenditures for instruction in public elementary and secondary schools, by subfunction and state or jurisdiction:
1999–2000 and 2000–01

State or jurisdiction	1999–2000 ¹								2000–01			
	Total	Salaries	Employee benefits ²	Purchased services ²	Supplies	Tuition and other	Total	Salaries	Employee benefits	Purchased services ²	Supplies	Tuition and other
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	\$199,968,138	\$145,071,564	\$36,197,167	\$5,839,673	\$9,751,743	\$3,107,991	\$214,239,936	\$154,436,273	\$39,502,080	\$6,422,880	\$10,396,510	\$3,482,193
Alabama	2,577,581	1,880,268	471,091	60,094	155,166	10,962	2,685,185	1,920,297	495,374	66,477	190,735	12,300
Alaska	662,932	450,803	123,113	29,522	36,445	23,048	467,642	360,834	130,513	40,477	40,477	29,173
Arizona	2,605,219	1,787,356	307,010	42,580	325,423	142,850	2,644,051	1,906,875	475,746	72,334	126,109	62,987
Arkansas	1,447,716	1,084,820	251,580	30,443	1,149,997	5,885	1,529,997	1,149,997	258,404	37,658	75,550	8,433
California	23,832,969	17,023,741	4,321,949	880,778	1,199,931	406,570	26,669,527	19,033,868	4,812,906	925,743	1,448,534	448,455
Colorado	2,560,133	1,875,740	55,168	163,566	179,856	110,080	2,720,856	2,011,050	360,832	183,043	102,162	
Connecticut	3,426,238	2,420,650	603,449	103,001	99,922	198,186	3,630,781	2,547,048	655,895	105,709	106,074	
Delaware	400,240	290,240	133,124	14,474	33,016	16,932	429,270	324,992	124,986	18,051	38,299	
District of Columbia	324,325	258,678	43,041	11,875	11,706	7,966	412,780	284,503	30,728	9,849	17,772	
Florida	8,076,047	5,515,153	1,470,190	633,587	379,922	77,195	8,765,578	5,932,501	1,542,766	748,482	449,795	
Georgia	5,713,274	4,190,657	1,141,443	71,676	303,767	5,730	6,348,453	4,529,768	1,450,419	83,673	276,079	
Hawaii	765,134	554,483	136,781	26,790	39,384	7,697	732,495	530,554	117,031	33,380	37,095	
Idaho	804,086	573,955	163,969	21,596	43,669	888	860,621	615,109	175,866	21,174	47,734	
Illinois	8,686,846	6,451,475	1,398,202	281,004	398,565	157,600	9,353,629	6,801,454	1,651,528	262,997	426,452	
Indiana	4,433,163	3,008,728	1,205,380	50,536	161,701	6,817	4,649,180	3,122,306	1,316,108	148,136	9,000	
Iowa	1,921,516	1,428,357	353,961	45,032	175,471	18,696	2,009,507	1,485,095	51,197	75,403	17,584	
Kansas	1,703,818	1,345,682	242,136	26,000	81,596	8,405	1,910,980	1,495,455	35,921	277,487	9,403	
Kentucky	2,343,704	1,772,480	400,663	50,341	109,381	10,839	2,884,235	1,864,736	51,513	432,668	118,495	
Louisiana	2,645,628	1,946,912	519,847	39,870	134,784	4,216	2,703,004	1,977,404	531,207	41,138	139,084	
Maine	1,072,763	704,649	231,429	41,710	36,785	58,190	1,140,002	737,464	254,982	45,566	39,106	
Maryland	4,028,454	2,737,879	879,914	81,841	128,759	200,080	4,313,374	2,986,065	925,061	98,689	128,496	
Massachusetts	5,700,310	4,170,466	1,028,963	72,663	214,945	213,274	6,143,821	4,493,638	1,325,571	216,683	216,683	
Michigan	8,137,640	5,612,978	1,877,110	246,857	350,254	50,442	9,314,910	6,666,688	1,974,436	200,651	334,602	
Minnesota	3,861,367	2,870,563	697,977	126,011	139,626	27,100	4,554,664	2,978,205	743,214	141,707	138,198	
Mississippi	1,532,550	1,124,768	274,975	30,886	94,067	7,843	1,556,216	1,138,861	287,917	31,891	89,231	
Missouri	3,494,116	2,616,916	497,581	82,816	273,494	13,308	3,686,233	2,750,210	544,164	82,165	292,007	
Montana	620,684	441,927	113,022	19,454	43,463	2,829	642,783	455,772	118,162	20,343	45,743	
Nebraska	1,209,991	879,751	215,926	35,382	49,362	29,569	1,289,065	933,525	232,112	43,243	40,687	
Nevada	1,119,108	824,344	233,859	12,531	46,398	1,976	1,235,986	860,805	249,815	14,334	50,395	
New Hampshire	929,165	648,399	153,513	23,842	31,690	71,721	986,636	676,554	249,815	23,806	33,588	
New Jersey	7,848,553	5,586,129	1,374,889	112,262	308,056	467,217	8,757,552	6,161,143	1,606,223	127,626	333,755	
New Mexico	784,601	586,412	193,582	20,256	67,876	249	1,124,723	824,988	205,214	22,264	72,069	
New York	10,666,224	7,840,617	3,537,509	716,358	551,635	3,305	20,964,737	15,571,677	3,981,122	735,248	673,372	
North Carolina	3,722,836	2,722,836	88,874	88,874	262,908	3,708	3,722,836	3,000,000	810,940	103,588	274,414	
North Dakota	482,289	276,145	74,292	10,794	18,224	2,334	398,009	286,531	77,464	11,282	19,784	
Ohio	7,693,412	5,456,104	1,445,363	186,614	364,664	180,678	8,126,488	5,718,711	1,574,855	242,167	388,234	
Oklahoma	1,956,646	1,430,025	310,841	36,809	164,162	10,809	2,170,392	1,618,558	339,453	35,392	170,254	
Oregon	2,313,122	1,497,979	549,014	116,597	120,215	29,418	2,119,798	1,580,277	85,819	88,819	142,684	
Pennsylvania	8,867,974	6,413,721	1,638,539	334,970	339,076	131,688	9,301,982	6,749,569	1,819,533	414,328	371,591	
Rhode Island	916,608	632,791	204,008	20,598	23,590	35,621	943,243	687,455	183,619	11,355	26,082	
South Carolina	2,450,038	1,804,590	446,028	47,312	123,394	28,713	2,688,234	1,949,364	510,164	58,461	140,553	
South Dakota	444,596	319,000	71,268	19,578	27,961	6,790	472,130	334,214	78,322	21,950	30,843	
Tennessee	3,216,104	2,311,893	483,620	51,975	348,761	9,855	3,331,249	2,420,304	487,326	52,186	360,523	
Texas	15,278,648	12,037,283	1,599,724	432,306	1,059,003	150,332	16,045,613	12,501,223	1,726,671	465,736	1,188,924	
Utah	1,372,663	929,199	339,869	28,224	68,497	6,875	1,465,772	983,315	359,515	30,037	75,423	
Vermont	562,372	377,966	95,097	28,326	18,731	42,253	605,140	399,144	108,333	32,034	20,981	
Virginia	4,825,091	3,514,269	991,946	81,622	233,789	3,465	5,144,215	3,777,922	1,047,378	94,409	216,059	
Washington	3,816,969	2,715,224	737,312	161,888	169,686	32,859	4,025,930	2,858,290	766,554	182,694	183,040	
West Virginia	1,288,004	865,650	345,288	18,674	186,094	297	1,325,664	886,262	358,070	20,318	60,639	
Wisconsin	4,265,597	2,937,714	1,030,316	63,104	162,977	71,487	4,493,131	3,058,774	1,114,534	72,992	174,660	
Wyoming	417,920	291,223	86,832	16,091	22,537	1,237	426,125	293,957	90,309	17,044	23,370	
Outlying areas												
American Samoa	16,164	11,120	2,150	919	1,630	345	16,551	11,518	2,227	1,256	1,121	429
Guam	40,226	28,086	7,476	2,732	1,873	59	37,757	26,834	7,215	2,710	960	38
Northern Marianas	1,453,889	1,189,760	153,494	5,721	15,183	89,732	1,578,747	1,284,707	173,077	6,248	17,392	
Puerto Rico	84,107	65,199	17,321	164	1,399	24	78,554	60,440	16,543	179	1,362	29

—Not available.
¹Some data have been revised from previously published figures.
²Includes purchased professional services of teachers or others who provide instruction for students and travel for instructional staff.
 NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals due to rounding.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1999–2000 and 2000–01. (This table was prepared August 2003.)

Table 166. Total and current expenditure per pupil in public elementary and secondary schools: Selected years, 1919–20 to 2001–02

School year	Expenditure per pupil in average daily attendance				Expenditure per pupil in fall enrollment ¹				
	Unadjusted dollars		Constant 2001–02 dollars ²		Unadjusted dollars		Constant 2001–02 dollars ²		Annual percent change in current expenditure
	Total expenditure	Current expenditure	Total expenditure	Current expenditure	Total expenditure	Current expenditure	Total expenditure	Current expenditure	
1	2	3	4	5	6	7	8	9	10
1919–20	\$64	\$53	\$598	\$499	\$48	\$40	\$448	\$373	—
1929–30	108	87	1,129	903	90	72	935	747	—
1931–32	97	81	1,197	1,002	82	69	1,014	848	—
1933–34	76	67	1,026	908	65	57	871	771	—
1935–36	88	74	1,140	963	74	63	964	815	—
1937–38	100	84	1,240	1,043	86	72	1,065	896	—
1939–40	106	88	1,348	1,123	92	76	1,168	973	—
1941–42	110	98	1,257	1,124	94	84	1,077	962	—
1943–44	125	117	1,275	1,196	105	99	1,074	1,008	—
1945–46	146	136	1,425	1,332	124	116	1,214	1,135	—
1947–48	205	181	1,567	1,388	179	158	1,368	1,212	—
1949–50	260	210	1,959	1,583	231	187	1,738	1,404	—
1951–52	314	246	2,132	1,668	275	215	1,867	1,461	—
1953–54	351	265	2,326	1,755	312	236	2,068	1,560	—
1955–56	387	294	2,565	1,950	354	269	2,345	1,783	—
1957–58	447	341	2,792	2,129	408	311	2,546	1,941	—
1959–60	471	375	2,856	2,275	440	350	2,668	2,125	—
1961–62	517	419	3,066	2,484	485	393	2,877	2,331	—
1963–64	559	460	3,228	2,660	520	428	3,004	2,475	—
1965–66	654	538	3,651	3,003	607	499	3,390	2,788	—
1967–68	786	658	4,121	3,449	732	612	3,833	3,209	—
1969–70	955	816	4,505	3,849	879	751	4,147	3,544	—
1970–71	1,049	911	4,707	4,087	970	842	4,352	3,778	6.6
1971–72	1,128	990	4,884	4,286	1,034	908	4,479	3,931	4.0
1972–73	1,211	1,077	5,039	4,483	1,117	993	4,648	4,135	5.2
1973–74	1,364	1,207	5,213	4,614	1,244	1,101	4,753	4,207	1.7
1974–75	1,545	1,365	5,315	4,695	1,423	1,257	4,896	4,325	2.8
1975–76	1,697	1,504	5,454	4,831	1,563	1,385	5,022	4,449	2.9
1976–77	1,816	1,638	5,514	4,972	1,674	1,509	5,081	4,581	3.0
1977–78	2,002	1,823	5,697	5,186	1,842	1,677	5,240	4,770	4.1
1978–79	2,210	2,020	5,749	5,256	2,029	1,855	5,279	4,827	1.2
1979–80	2,491	2,272	5,717	5,214	2,290	2,088	5,255	4,794	-0.7
1980–81	³ 2,742	2,502	³ 5,641	5,146	³ 2,529	2,307	³ 5,203	4,746	-1.0
1981–82	³ 2,973	2,726	³ 5,630	5,161	³ 2,754	2,525	³ 5,215	4,781	0.7
1982–83	³ 3,203	2,955	³ 5,816	5,365	³ 2,966	2,736	³ 5,385	4,968	3.9
1983–84	³ 3,471	3,173	³ 6,077	5,556	³ 3,216	2,940	³ 5,630	5,147	3.6
1984–85	³ 3,722	3,470	³ 6,271	5,847	³ 3,456	3,222	³ 5,822	5,429	5.5
1985–86	³ 4,020	3,756	³ 6,583	6,150	³ 3,724	3,479	³ 6,099	5,698	5.0
1986–87	³ 4,308	3,970	³ 6,901	6,360	³ 3,995	3,682	³ 6,400	5,898	3.5
1987–88	³ 4,654	4,240	³ 7,159	6,522	³ 4,310	3,927	³ 6,630	6,040	2.4
1988–89	5,109	4,645	7,512	6,829	4,738	4,307	6,966	6,333	4.8
1989–90	5,550	4,980	7,789	6,988	5,174	4,643	7,262	6,515	2.9
1990–91	5,885	5,258	7,830	6,996	5,486	4,902	7,300	6,522	0.1
1991–92	6,074	5,421	7,832	6,989	5,629	5,023	7,257	6,476	-0.7
1992–93	6,281	5,584	7,853	6,981	5,804	5,160	7,257	6,451	-0.4
1993–94	6,492	5,767	7,912	7,029	5,996	5,327	7,307	6,492	0.6
1994–95	6,725	5,989	7,967	7,095	6,208	5,529	7,355	6,550	0.9
1995–96	6,962	6,147	8,029	7,090	6,443	5,689	7,431	6,562	0.2
1996–97	7,300	6,393	8,186	7,169	6,764	5,923	7,585	6,642	1.2
1997–98	7,703	6,676	8,487	7,354	7,142	6,189	7,868	6,819	2.7
1998–99	8,118	7,013	8,792	7,595	7,533	6,508	8,158	7,048	3.4
1999–2000	8,592	7,394	9,044	7,782	8,033	6,912	8,455	7,276	3.2
2000–01	9,197	7,898	9,360	8,037	8,589	7,376	8,742	7,507	3.2
2001–02 ³	9,553	8,203	9,553	8,203	8,922	7,661	8,922	7,661	2.1

—Not available.

¹ Data for 1919–20 to 1953–54 are based on school-year enrollment.² Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.³ Estimated.SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education*; The NCES Common Core of Data (CCD), "National Public Education Financial Survey, 1987–88 through 2000–01"; and *Projections of Education Statistics to 2013*. (This table was prepared August 2003.)

NOTE: Beginning in 1980–81, state administration expenditures are excluded from both "total" and "current" expenditures. Beginning in 1988–89, extensive changes were made in the data collection procedures. Some data have been revised from previously published figures.

Table 167. Public school pupils transported at public expense and current expenditures for transportation: Selected years, 1929–30 to 2000–01

School year	Average daily attendance, all students	Pupils transported at public expense		Expenditures for transportation (in current dollars)		Expenditures for transportation (in constant 2000–01 dollars)	
		Number	Percent of total	Total ¹ (in thousands)	Average per pupil transported	Total ¹ (in thousands)	Average per pupil transported
1	2	3	4	5	6	7	8
1929–30	21,265,000	1,902,826	8.9	\$54,823	\$29	\$560,792	\$295
1931–32	22,245,000	2,419,173	10.9	58,078	24	705,347	292
1933–34	22,458,000	2,794,724	12.4	53,908	19	712,797	255
1935–36	22,299,000	3,250,658	14.6	62,653	19	798,285	246
1937–38	22,298,000	3,769,242	16.9	75,637	20	924,498	245
1939–40	22,042,000	4,144,161	18.8	83,283	20	1,043,448	252
1941–42	21,031,000	4,503,081	21.4	92,922	21	1,043,477	232
1943–44	19,603,000	4,512,412	23.0	107,754	24	1,082,747	240
1945–46	19,849,000	5,056,966	25.5	129,756	26	1,245,436	246
1947–48	20,910,000	5,854,041	28.0	176,265	30	1,324,575	226
1949–50	22,284,000	6,947,384	31.2	214,504	31	1,585,861	228
1951–52	23,257,000	7,697,130	33.1	268,827	35	1,790,871	233
1953–54	25,643,871	8,411,719	32.8	307,437	37	2,001,702	238
1955–56	27,740,149	9,695,819	35.0	353,972	37	2,305,459	238
1957–58	29,722,275	10,861,689	36.5	416,491	38	2,553,549	235
1959–60	32,477,440	12,225,142	37.6	486,338	40	2,898,067	237
1961–62	34,682,340	13,222,667	38.1	576,361	44	3,357,382	254
1963–64	37,405,058	14,475,778	38.7	673,845	47	3,825,461	264
1965–66	39,154,497	15,536,567	39.7	787,358	51	4,320,549	278
1967–68	40,827,965	17,130,873	42.0	981,006	57	5,050,762	295
1969–70	41,934,376	18,198,577	43.4	1,218,557	67	5,648,169	310
1971–72	42,254,272	19,474,355	46.1	1,507,830	77	6,415,771	329
1973–74	41,438,054	21,347,039	51.5	1,858,141	87	6,977,922	327
1975–76	41,269,720	21,772,483	52.8	2,377,313	109	7,505,653	345
1977–78	40,079,590	² 21,800,000	54.4	2,731,041	² 125	7,634,688	² 350
1979–80	38,288,911	21,713,515	56.7	3,833,145	177	8,645,203	398
1980–81	37,703,744	² 22,272,000	59.1	² 4,408,000	² 198	² 8,910,000	² 400
1981–82	37,094,652	² 22,246,000	60.0	² 4,793,000	² 215	² 8,918,000	² 401
1982–83	36,635,868	² 22,199,000	60.6	² 5,000,000	² 225	² 8,920,000	² 402
1983–84	36,362,978	² 22,031,000	60.6	² 5,284,000	² 240	² 9,090,000	² 413
1984–85	36,404,261	² 22,320,000	61.3	² 5,722,000	² 256	² 9,472,000	² 424
1985–86	36,523,103	² 22,041,000	60.3	² 6,123,000	² 278	² 9,852,000	² 447
1986–87	36,863,867	² 22,397,000	60.8	² 6,551,000	² 292	² 10,312,000	² 460
1987–88	37,050,707	² 22,158,000	59.8	² 6,888,000	² 311	² 10,411,000	² 470
1988–89	37,268,072	² 22,635,000	60.7	² 7,550,000	² 334	² 10,908,000	² 482
1989–90	37,799,296	² 22,459,000	59.4	8,030,990	² 358	11,074,323	² 493
1990–91	38,426,543	² 22,000,000	57.3	8,678,954	² 394	11,347,443	² 516
1991–92	38,960,783	² 23,165,000	59.5	8,769,754	² 379	11,110,165	² 480
1992–93	39,570,462	² 23,439,000	59.2	9,252,300	² 395	11,366,453	² 485
1993–94	40,146,393	² 23,858,000	59.4	9,627,155	² 404	11,528,330	² 483
1994–95	40,720,763	² 23,693,000	58.2	9,889,034	² 417	11,511,959	² 486
1995–96	41,501,596	² 24,155,000	58.2	10,396,426	² 430	11,782,077	² 488
1996–97	42,262,004	² 24,090,000	57.0	10,989,809	² 456	12,109,067	² 503
1997–98	42,765,774	² 24,342,000	56.9	11,465,658	² 471	12,412,020	² 510
1998–99	43,186,715	² 24,898,000	57.7	12,224,454	² 491	13,008,254	² 522
1999–2000	43,806,726	² 24,951,000	57.0	13,007,625	² 521	13,453,271	² 539
2000–01	44,085,912	² 24,470,616	55.5	14,060,957	² 575	14,060,957	² 575

¹ Excludes capital outlay for years through 1979–80, and 1989–90 to the latest year. From 1980–81 to 1988–89 total transportation figures include capital outlay.

² Estimate based on data appearing in January issues of *School Bus Fleet*.

NOTE: Constant dollars are adjusted for inflation using the Consumer Price Index computed on a school year basis. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1929–30 through 1975–76; Revenues and Expenditures for Public Elementary and Secondary Education, 1977–78 and 1979–80*; The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2000–01; and Bobit Publishing Co., *School Bus Fleet*, "School Transportation: 2000–2001 School Year," and unpublished data. (This table was prepared November 2003.)

Table 168. Total and current expenditures per pupil in fall enrollment in public elementary and secondary education, by function and state or jurisdiction: 2000-01

State or jurisdiction	Current expenditures, capital expenditures, and interest on school debt															
	Total	Current expenditures												Capital outlay ¹	Interest on school debt	
		Total	Instruc-tion	Support services									Food services			Enter-prise operations ²
				Total	Stu-dents ³	Instruc-tional ⁴	General adminis-tration	School adminis-tration	Oper-ation and mainte-nance	Student trans-portion	Other support services					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
United States	\$8,589	\$7,376	\$4,539	\$2,528	\$368	\$337	\$151	\$415	\$719	\$298	\$241	\$293	\$16	\$998	\$215	
Alabama	6,718	5,885	3,629	1,854	263	220	154	360	509	248	100	402	0	719	114	
Alaska	10,492	9,216	5,300	3,603	581	499	163	526	1,182	347	305	266	46	1,129	147	
Arizona	7,752	5,278	3,012	1,915	353	151	92	290	603	202	224	351	0	2,060	414	
Arkansas	6,224	5,568	3,400	1,856	259	232	201	332	488	197	147	311	0	530	127	
California	8,088	6,987	4,343	2,379	284	405	56	485	657	170	321	259	7	1,036	64	
Colorado	7,836	6,567	3,755	2,574	261	287	93	422	666	200	645	215	23	934	335	
Connecticut	11,609	10,127	6,469	3,286	554	352	206	553	932	460	229	282	91	1,247	235	
Delaware	10,258	8,958	5,448	3,102	405	129	99	501	988	489	491	408	0	1,178	122	
District of Columbia	15,078	12,046	5,982	5,726	1,190	1,307	329	532	1,286	782	299	339	0	2,671	361	
Florida	7,512	6,170	3,600	2,270	312	381	70	373	668	263	204	300	0	1,180	162	
Georgia	8,176	6,929	4,394	2,178	316	352	92	422	546	262	188	352	5	1,122	125	
Hawaii	7,466	6,596	3,973	2,236	478	256	180	402	625	117	178	387	0	646	225	
Idaho	6,365	5,725	3,511	1,963	326	225	145	339	543	267	119	257	0	516	124	
Illinois	9,170	7,643	4,565	2,826	464	315	250	403	807	340	247	251	0	1,288	240	
Indiana	9,124	7,630	4,700	2,623	335	244	138	431	831	418	225	308	0	855	638	
Iowa	7,865	6,930	4,059	2,353	448	347	196	362	614	215	173	306	211	818	116	
Kansas	7,624	6,925	4,061	2,543	389	308	254	428	724	272	168	321	0	466	234	
Kentucky	6,445	6,079	3,725	2,033	234	295	179	350	533	304	139	320	0	252	114	
Louisiana	6,727	6,037	3,638	2,003	245	268	141	330	565	323	131	396	0	552	138	
Maine	9,096	8,232	5,506	2,446	262	251	163	455	798	371	146	280	0	679	185	
Maryland	9,317	8,256	5,057	2,790	355	444	78	536	682	402	292	250	159	966	95	
Massachusetts	9,953	9,509	6,307	2,866	452	323	185	415	872	399	220	336	0	185	259	
Michigan	9,829	8,278	4,832	3,196	520	390	190	514	873	341	369	250	0	1,223	328	
Minnesota	9,137	7,645	4,748	2,580	266	439	214	322	692	416	231	317	0	1,144	348	
Mississippi	5,755	5,175	3,126	1,712	216	216	160	296	505	225	94	336	1	455	125	
Missouri	7,673	6,657	4,039	2,327	310	292	207	399	678	315	125	291	0	786	230	
Montana	7,208	6,726	4,150	2,303	327	258	205	356	700	294	163	266	8	408	74	
Nebraska	8,298	7,223	4,504	2,184	286	271	277	367	657	197	129	286	249	922	152	
Nevada	7,893	5,807	3,628	1,995	221	231	94	415	567	232	235	185	0	1,693	393	
New Hampshire	8,245	7,286	4,733	2,317	466	209	247	407	624	315	48	236	0	801	158	
New Jersey	12,485	11,248	6,668	4,240	972	361	318	596	1,140	627	226	274	66	1,048	188	
New Mexico	7,371	6,313	3,511	2,496	621	282	189	367	632	303	102	302	4	952	106	
New York	11,938	10,716	7,274	3,150	353	297	227	445	977	524	326	292	0	922	301	
North Carolina	7,633	6,346	4,024	1,964	331	217	127	420	493	223	154	358	0	1,105	181	
North Dakota	6,716	6,125	3,645	1,973	219	187	301	297	558	285	126	299	208	523	69	
Ohio	8,668	7,571	4,428	2,879	412	460	194	446	718	339	310	263	1	932	165	
Oklahoma	6,516	6,019	3,483	2,149	377	189	171	320	703	198	191	322	64	437	60	
Oregon	8,531	7,528	4,424	2,844	478	326	123	471	656	319	471	239	21	768	236	
Pennsylvania	9,640	8,210	5,127	2,775	382	295	249	361	848	399	241	293	16	1,047	382	
Rhode Island	9,663	9,315	6,007	3,067	704	358	144	471	796	392	203	240	0	175	173	
South Carolina	8,089	6,631	3,968	2,299	437	402	87	399	599	203	172	340	25	1,270	188	
South Dakota	7,453	6,191	3,671	2,196	324	274	209	321	625	218	226	307	16	1,118	144	
Tennessee	6,875	5,687	3,664	1,743	193	307	110	295	552	197	91	280	0	992	196	
Texas	8,046	6,539	3,952	2,260	317	363	108	359	727	172	215	326	0	1,206	301	
Utah	5,578	4,674	3,024	1,369	169	197	47	281	446	141	89	246	35	764	141	
Vermont	9,914	9,153	5,930	2,973	626	312	226	599	731	292	188	246	3	610	151	
Virginia	8,418	7,281	4,493	2,503	343	445	110	431	718	338	118	283	2	972	165	
Washington	8,073	6,750	4,007	2,415	472	311	154	327	668	265	217	221	108	1,035	289	
West Virginia	8,083	7,534	4,629	2,467	253	203	194	412	796	500	109	438	0	511	38	
Wisconsin	9,595	8,243	5,109	2,872	388	425	214	426	731	334	356	261	0	1,036	316	
Wyoming	8,693	7,835	4,738	2,833	456	314	161	466	853	333	250	262	3	756	101	
Outlying areas																
American Samoa	2,935	2,588	1,054	1,028	432	176	32	118	159	36	73	507	0	347	0	
Guam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Northern Marianas	5,684	4,655	3,774	599	59	10	486	0	31	7	6	282	0	1,029	0	
Puerto Rico	3,790	3,685	2,577	760	116	47	63	0	366	70	98	348	0	73	31	
Virgin Islands	6,913	6,437	4,037	2,056	362	205	299	402	458	222	108	307	37	477	0	

—Not available.

¹ Includes expenditures for property and for building and alterations completed by school district staff or contractors.² Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time).³ Includes expenditures for health, attendance, and speech pathology services.⁴ Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

NOTE: Excludes expenditures for state education agencies. "0" indicates none or less than \$0.50. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 2000-01. (This table was prepared August 2003.)

Table 169. Total and current expenditures per pupil in fall enrollment in public elementary and secondary education, by function and state or jurisdiction: 1999–2000

State or jurisdiction	Current expenditures, capital expenditures, and interest on school debt															
	Total	Current expenditures												Capital outlay ¹	Interest on school debt	
		Total	Instruc-tion	Support services									Food services			Enter-prise operations ²
				Total	Stu-dents ³	Instruc-tional ⁴	General adminis-tration	School adminis-tration	Oper-ation and mainte-nance	Student trans-portion	Other support services					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
United States	\$8,033	\$6,912	\$4,268	\$2,351	\$342	\$312	\$143	\$392	\$666	\$278	\$217	\$276	\$17	\$925	\$195	
Alabama	6,639	5,638	3,480	1,781	247	216	155	346	477	237	103	377	0	900	101	
Alaska	10,344	8,806	4,933	3,579	467	653	434	492	1,181	332	20	249	46	1,374	164	
Arizona	6,910	5,030	3,056	1,733	335	134	89	256	604	180	136	242	0	1,520	360	
Arkansas	5,922	5,277	3,210	1,770	236	214	182	313	481	193	151	297	0	530	114	
California	7,284	6,314	3,947	2,122	248	341	46	443	607	158	280	241	4	920	50	
Colorado	7,657	6,215	3,601	2,389	243	268	93	405	577	187	616	205	20	1,111	331	
Connecticut	11,196	9,753	6,185	3,103	522	325	197	532	879	437	211	272	192	1,222	222	
Delaware	9,157	8,310	5,113	2,809	378	119	93	459	867	456	436	389	0	726	121	
District of Columbia	11,510	10,107	4,201	5,627	807	1,991	274	456	1,283	540	276	279	0	1,136	267	
Florida	7,166	5,831	3,391	2,151	294	360	62	358	633	249	193	289	0	1,178	157	
Georgia	7,627	6,437	4,016	2,072	311	370	84	397	501	240	170	344	5	1,069	120	
Hawaii	7,388	6,530	4,117	2,007	483	251	48	395	529	118	183	406	0	640	218	
Idaho	6,076	5,315	3,280	1,803	295	212	136	316	495	248	102	231	0	635	127	
Illinois	8,513	7,133	4,284	2,605	425	288	243	379	740	310	221	244	0	1,215	165	
Indiana	8,655	7,192	4,484	2,416	316	225	131	405	774	396	168	293	0	862	601	
Iowa	7,378	6,564	3,864	2,208	425	324	196	351	548	203	162	295	198	711	103	
Kansas	6,953	6,294	3,608	2,633	356	274	245	408	658	261	176	308	0	450	209	
Kentucky	6,322	5,921	3,616	1,975	225	296	178	339	516	293	127	330	0	272	129	
Louisiana	6,487	5,804	3,497	1,862	234	259	131	316	491	302	129	382	63	549	134	
Maine	8,515	7,667	5,127	2,243	236	225	154	428	724	344	132	298	0	678	170	
Maryland	8,660	7,731	4,758	2,587	320	400	64	514	710	373	207	232	153	838	90	
Massachusetts	9,225	8,816	5,868	2,633	418	294	188	380	803	363	187	315	0	206	203	
Michigan	9,564	8,110	4,716	3,161	534	385	191	515	852	315	369	233	0	1,157	297	
Minnesota	8,588	7,190	4,521	2,369	242	389	222	297	602	393	224	299	0	1,071	327	
Mississippi	5,818	5,014	3,061	1,628	208	208	155	281	483	204	87	324	1	691	114	
Missouri	7,222	6,187	3,811	2,114	286	270	188	370	596	292	112	261	0	831	204	
Montana	6,766	6,314	3,939	2,121	299	233	189	336	653	273	138	249	5	384	68	
Nebraska	7,605	6,683	4,198	1,977	283	236	239	335	584	184	116	275	234	792	129	
Nevada	7,471	5,760	3,437	2,145	214	228	93	416	559	235	400	178	0	1,317	393	
New Hampshire	7,625	6,860	4,493	2,143	437	189	231	379	578	292	37	224	0	629	136	
New Jersey	11,471	10,337	6,088	3,930	889	319	308	559	1,064	573	218	262	58	956	178	
New Mexico	6,786	5,825	3,287	2,254	569	247	162	334	566	285	91	281	4	862	99	
New York	10,819	9,846	6,707	2,874	333	274	201	419	886	482	279	265	0	675	297	
North Carolina	7,303	6,045	3,835	1,872	317	214	126	407	458	218	132	339	0	1,088	170	
North Dakota	6,455	5,667	3,391	1,805	206	170	280	277	496	257	119	280	192	715	73	
Ohio	7,962	7,065	4,156	2,653	375	411	183	415	654	312	302	254	1	758	140	
Oklahoma	5,837	5,395	3,120	1,918	325	174	173	315	594	180	158	295	61	378	65	
Oregon	8,084	7,149	4,244	2,653	429	327	120	454	615	297	411	230	21	725	210	
Pennsylvania	9,160	7,772	4,876	2,605	364	291	238	344	785	361	222	276	15	1,032	356	
Rhode Island	9,254	8,904	5,859	2,796	600	382	186	435	708	365	120	250	0	196	154	
South Carolina	7,376	6,130	3,674	2,107	400	363	79	373	549	195	149	322	26	1,083	163	
South Dakota	6,870	5,632	3,393	2,138	301	224	196	296	534	201	186	287	14	1,102	136	
Tennessee	6,321	5,383	3,510	1,603	182	296	104	279	482	183	77	270	0	812	127	
Texas	7,743	6,288	3,828	2,143	303	334	108	354	676	169	199	317	0	1,182	273	
Utah	5,278	4,378	2,858	1,256	156	183	46	260	397	130	84	240	24	764	136	
Vermont	8,837	8,323	5,379	2,714	541	289	222	555	660	279	167	224	6	375	140	
Virginia	7,896	6,841	4,255	2,327	324	402	67	407	670	306	152	257	1	887	169	
Washington	7,701	6,376	3,803	2,261	442	293	142	309	627	251	196	210	103	1,040	285	
West Virginia	7,705	7,152	4,414	2,315	235	197	184	392	744	467	96	422	0	506	47	
Wisconsin	9,111	7,806	4,860	2,701	368	399	205	406	688	320	315	246	0	1,055	250	
Wyoming	8,281	7,425	4,537	2,636	437	294	162	445	773	306	220	247	5	753	102	
Outlying areas																
American Samoa	3,121	2,739	1,044	1,123	444	193	32	124	194	39	97	572	0	382	0	
Guam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Northern Marianas	5,891	5,120	4,133	667	59	0	586	0	6	8	7	320	0	771	0	
Puerto Rico	3,509	3,404	2,372	648	88	30	64	0	306	59	101	384	0	74	32	
Virgin Islands	6,967	6,478	4,031	2,141	398	269	366	302	448	227	131	269	36	489	0	

—Not available
¹ Includes expenditures for property and for building and alterations completed by school district staff or contractors
² Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time)
³ Includes expenditures for health, attendance, and speech pathology services
⁴ Includes expenditures for curriculum development, staff training, libraries, and media and computer centers

NOTE: Excludes expenditures for state education agencies. "0" indicates none or less than \$0.50. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1999–2000. (This table was prepared August 2003)

Table 170. Current expenditure per pupil in fall enrollment in public elementary and secondary schools, by state or jurisdiction: Selected years, 1969-70 to 2000-01

State or jurisdiction	Unadjusted dollars													
	1969-70	1979-80	1980-81	1985-86	1989-90	1990-91	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	\$751	\$2,088	\$2,307	\$3,479	\$4,643	\$4,902	\$5,327	\$5,529	\$5,689	\$5,923	\$6,189	\$6,508	\$6,912	\$7,376
Alabama	512	1,520	1,836	2,411	3,144	3,429	3,826	4,109	4,343	4,595	4,849	5,188	5,638	5,885
Alaska	1,059	4,267	5,506	7,622	7,577	7,502	7,960	8,033	8,189	8,231	8,271	8,404	8,806	9,216
Arizona	674	1,865	2,093	3,009	3,717	3,860	4,104	4,264	4,476	4,413	4,595	4,672	5,030	5,278
Arkansas	511	1,472	1,585	2,506	3,229	3,461	4,013	4,186	4,401	4,535	4,708	4,956	5,277	5,568
California	833	2,227	2,438	3,534	4,502	4,595	4,719	4,799	4,937	5,260	5,644	5,801	6,314	6,987
Colorado	686	2,258	2,509	3,666	4,357	4,603	4,727	5,047	5,121	5,312	5,656	5,923	6,215	6,567
Connecticut	911	2,167	2,711	4,641	7,463	7,547	7,947	8,380	8,430	8,580	8,901	9,318	9,753	10,127
Delaware	833	2,587	2,721	4,215	5,326	5,458	6,101	6,502	6,696	7,135	7,420	7,706	8,310	8,958
District of Columbia	947	2,811	2,950	4,672	7,872	8,029	8,843	8,290	8,510	8,048	8,393	9,650	10,107	12,046
Florida	683	1,834	2,209	3,260	4,597	4,859	5,063	5,220	5,275	5,360	5,552	5,790	5,831	6,170
Georgia	539	1,491	1,580	2,760	4,000	4,171	4,569	4,828	5,056	5,369	5,647	6,092	6,437	6,929
Hawaii	792	2,086	2,393	3,505	4,130	4,820	5,533	5,597	5,560	5,633	5,858	6,081	6,530	6,596
Idaho	573	1,548	1,736	2,358	2,921	3,206	3,628	3,957	4,194	4,447	4,721	5,066	5,315	5,725
Illinois	816	2,241	2,406	3,321	4,521	4,904	5,323	5,553	5,519	5,940	6,242	6,762	7,133	7,643
Indiana	661	1,708	1,798	2,951	4,270	4,588	5,245	5,411	5,621	6,161	6,318	6,772	7,192	7,630
Iowa	798	2,164	2,505	3,388	4,190	4,418	5,070	5,240	5,481	5,738	5,998	6,243	6,564	6,930
Kansas	699	1,963	2,307	3,469	4,290	4,434	5,081	5,222	5,374	5,508	5,727	6,015	6,294	6,925
Kentucky	502	1,557	1,637	2,229	3,384	3,897	4,505	4,545	4,807	5,155	5,213	5,637	5,921	6,079
Louisiana	589	1,629	2,273	2,960	3,625	3,853	4,133	4,356	4,447	4,724	5,187	5,548	5,804	6,037
Maine	649	1,692	1,804	3,341	4,903	4,978	5,569	6,029	6,151	6,426	6,742	7,155	7,667	8,232
Maryland	809	2,293	2,581	3,923	5,573	5,930	6,191	6,427	6,593	6,755	7,034	7,326	7,731	8,256
Massachusetts	791	2,548	2,735	4,031	5,766	5,881	6,423	6,783	7,033	7,331	7,778	8,260	8,816	9,509
Michigan	841	2,495	2,892	3,859	5,090	5,394	6,138	6,465	6,785	6,932	7,050	7,432	8,110	8,278
Minnesota	855	2,296	2,519	3,741	4,698	4,946	5,342	5,626	5,801	6,005	6,388	6,814	7,190	7,645
Mississippi	457	1,568	1,503	2,246	2,934	3,007	3,410	3,798	3,951	4,039	4,288	4,565	5,014	5,175
Missouri	596	1,724	1,945	2,864	4,071	4,271	4,596	4,866	5,092	5,304	5,565	5,855	6,187	6,657
Montana	728	2,264	2,449	3,691	4,240	4,706	5,043	5,137	5,249	5,481	5,724	5,974	6,314	6,726
Nebraska	700	2,025	2,243	3,431	4,553	4,735	5,310	5,555	5,688	5,848	5,958	6,256	6,683	7,223
Nevada	706	1,908	1,925	3,196	3,816	4,294	4,664	4,730	4,892	5,084	5,295	5,587	5,760	5,807
New Hampshire	666	1,732	2,036	3,247	4,786	5,152	5,433	5,567	5,740	5,920	6,156	6,433	6,860	7,286
New Jersey	924	2,825	2,928	5,139	7,546	8,166	9,075	9,178	9,361	9,588	9,643	10,145	10,337	11,248
New Mexico	665	1,870	2,066	2,911	3,446	3,757	4,106	4,404	4,604	4,682	5,005	5,440	5,825	6,313
New York	1,194	2,950	3,225	5,221	7,051	7,510	8,069	8,311	8,361	8,525	8,852	9,344	9,846	10,716
North Carolina	570	1,635	1,870	2,754	4,018	4,237	4,540	4,703	4,719	4,929	5,257	5,656	6,045	6,346
North Dakota	662	1,941	2,175	3,200	3,899	3,909	4,385	4,482	4,677	4,808	5,056	5,442	5,667	6,125
Ohio	677	1,894	2,120	3,265	4,531	4,747	5,319	5,529	5,669	5,935	6,198	6,590	7,065	7,571
Oklahoma	554	1,810	2,065	2,939	3,293	3,639	4,437	4,533	4,549	4,817	5,033	5,303	5,395	6,019
Oregon	843	2,412	2,782	3,715	4,864	5,195	5,522	5,649	5,790	5,920	6,419	6,828	7,149	7,528
Pennsylvania	815	2,328	2,595	4,010	5,737	6,048	6,443	6,565	6,922	7,106	7,209	7,450	7,772	8,210
Rhode Island	807	2,340	2,654	4,255	5,908	5,934	6,797	7,126	7,304	7,612	7,928	8,294	8,904	9,315
South Carolina	567	1,597	1,625	2,816	3,769	4,009	4,336	4,501	4,779	5,050	5,320	5,656	6,130	6,631
South Dakota	656	1,781	1,885	2,903	3,511	3,726	4,095	4,271	4,220	4,387	4,669	5,259	5,632	6,191
Tennessee	531	1,523	1,675	2,447	3,405	3,521	3,815	4,017	4,172	4,581	4,937	5,123	5,383	5,687
Texas	551	1,740	1,831	3,079	3,835	4,048	4,488	4,779	5,016	5,267	5,444	5,685	6,288	6,539
Utah	595	1,556	1,710	2,248	2,577	2,767	3,206	3,409	3,604	3,783	3,969	4,210	4,378	4,674
Vermont	790	1,930	2,347	3,840	5,770	6,255	6,266	6,367	6,488	6,753	7,075	7,541	8,323	9,153
Virginia	654	1,824	2,024	3,289	4,690	4,965	5,205	5,421	5,528	5,788	6,065	6,350	6,841	7,281
Washington	853	2,387	2,365	3,605	4,382	4,652	5,342	5,477	5,639	5,734	6,040	6,110	6,376	6,750
West Virginia	621	1,749	1,968	3,255	4,020	4,571	5,292	5,663	5,881	6,076	6,323	6,677	7,152	7,534
Wisconsin	793	2,225	2,452	3,767	5,020	5,382	6,126	6,301	6,517	6,796	7,123	7,527	7,806	8,243
Wyoming	805	2,369	2,758	4,754	5,239	5,310	5,534	5,753	5,826	5,971	6,218	6,842	7,425	7,835
Outlying areas														
American Samoa	—	—	—	—	1,781	2,002	1,737	1,983	2,084	2,288	2,175	2,283	2,739	2,588
Guam	766	—	—	3,016	3,817	4,411	5,200	5,016	4,803	4,688	5,200	—	—	—
Northern Marianas	—	—	—	—	3,356	4,159	4,009	5,340	4,999	5,878	6,112	5,312	5,120	4,655
Puerto Rico	—	—	1,000	1,227	1,605	1,773	2,155	2,417	2,657	2,812	3,211	3,298	3,404	3,685
Virgin Islands	—	—	—	3,016	6,043	5,515	5,299	5,280	5,378	5,458	5,932	6,983	6,478	6,437

See notes at end of table.

Table 170. Current expenditure per pupil in fall enrollment in public elementary and secondary schools, by state or jurisdiction: Selected years, 1969-70 to 2000-01—Continued

State or jurisdiction	In constant 2001-02 dollars ¹													
	1969-70	1979-80	1980-81	1985-86	1989-90	1990-91	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01
1	16	17	18	19	20	21	22	23	24	25	26	27	28	29
United States	\$3,544	\$4,794	\$4,746	\$5,698	\$6,515	\$6,522	\$6,492	\$6,550	\$6,562	\$6,642	\$6,819	\$7,048	\$7,276	\$7,507
Alabama	2,413	3,490	3,777	3,948	4,412	4,563	4,663	4,868	5,009	5,152	5,343	5,618	5,934	5,989
Alaska	4,996	9,794	11,327	12,482	10,634	9,982	9,700	9,517	9,444	9,230	9,112	9,101	9,269	9,379
Arizona	3,181	4,281	4,305	4,928	5,217	5,136	5,001	5,052	5,162	4,949	5,062	5,060	5,295	5,372
Arkansas	2,410	3,378	3,259	4,103	4,532	4,606	4,890	4,959	5,076	5,085	5,187	5,367	5,555	5,666
California	3,931	5,111	5,014	5,788	6,319	6,114	5,751	5,685	5,694	5,898	6,218	6,283	6,646	7,111
Colorado	3,236	5,183	5,161	6,003	6,114	6,124	5,761	5,980	5,906	5,956	6,232	6,414	6,542	6,684
Connecticut	4,296	4,974	5,577	7,599	10,473	10,042	9,684	9,928	9,723	9,621	9,807	10,091	10,265	10,306
Delaware	3,932	5,937	5,596	6,902	7,475	7,262	7,435	7,703	7,723	8,000	8,175	8,345	8,747	9,116
District of Columbia	4,467	6,453	6,069	7,651	11,047	10,684	10,777	9,821	9,815	9,025	9,247	10,450	10,638	12,260
Florida	3,220	4,210	4,545	5,338	6,451	6,466	6,170	6,184	6,084	6,011	6,117	6,270	6,138	6,280
Georgia	2,542	3,422	3,250	4,520	5,613	5,551	5,568	5,720	5,832	6,020	6,221	6,598	6,776	7,051
Hawaii	3,736	4,789	4,923	5,740	5,796	6,413	6,743	6,631	6,412	6,317	6,454	6,586	6,873	6,712
Idaho	2,704	3,554	3,572	3,862	4,099	4,266	4,422	4,687	4,837	4,986	5,201	5,486	5,594	5,826
Illinois	3,848	5,144	4,950	5,439	6,344	6,526	6,487	6,579	6,365	6,661	6,877	7,323	7,508	7,778
Indiana	3,119	3,921	3,699	4,833	5,993	6,105	6,392	6,411	6,483	6,908	6,960	7,334	7,570	7,765
Iowa	3,765	4,967	5,154	5,548	5,880	5,878	6,179	6,208	6,322	6,434	6,608	6,761	6,909	7,053
Kansas	3,296	4,505	4,747	5,681	6,020	5,901	6,192	6,187	6,198	6,177	6,310	6,514	6,625	7,047
Kentucky	2,368	3,574	3,367	3,650	4,748	5,186	5,490	5,384	5,544	5,780	5,743	6,105	6,232	6,186
Louisiana	2,780	3,739	4,676	4,848	5,087	5,127	5,037	5,161	5,129	5,297	5,714	6,008	6,109	6,144
Maine	3,062	3,884	3,711	5,472	6,881	6,624	6,787	7,142	7,095	7,206	7,428	7,748	8,071	8,378
Maryland	3,817	5,262	5,308	6,423	7,821	7,890	7,544	7,614	7,604	7,574	7,750	7,934	8,138	8,402
Massachusetts	3,730	5,848	5,626	6,601	8,092	7,826	7,827	8,036	8,112	8,221	8,570	8,945	9,279	9,677
Michigan	3,970	5,728	5,948	6,319	7,143	7,177	7,480	7,660	7,826	7,774	7,767	8,049	8,536	8,425
Minnesota	4,032	5,271	5,182	6,126	6,593	6,581	6,510	6,665	6,691	6,734	7,037	7,380	7,568	7,780
Mississippi	2,155	3,600	3,091	3,678	4,117	4,001	4,156	4,499	4,557	4,529	4,724	4,943	5,277	5,267
Missouri	2,811	3,957	4,002	4,691	5,712	5,683	5,601	5,765	5,873	5,947	6,131	6,341	6,512	6,775
Montana	3,432	5,196	5,038	6,044	5,950	6,262	6,146	6,086	6,053	6,146	6,306	6,469	6,646	6,846
Nebraska	3,301	4,647	4,614	5,618	6,389	6,300	6,472	6,582	6,560	6,558	6,564	6,775	7,035	7,351
Nevada	3,329	4,380	3,960	5,233	5,355	5,713	5,683	5,604	5,642	5,701	5,833	6,051	6,063	5,910
New Hampshire	3,142	3,976	4,189	5,316	6,716	6,855	6,622	6,596	6,620	6,638	6,782	6,967	7,221	7,415
New Jersey	4,358	6,485	6,024	8,415	10,590	10,865	11,060	10,874	10,796	10,751	10,624	10,987	10,881	11,448
New Mexico	3,137	4,293	4,249	4,767	4,836	4,999	5,004	5,217	5,309	5,250	5,514	5,891	6,132	6,425
New York	5,634	6,772	6,633	8,549	9,895	9,993	9,834	9,846	9,644	9,559	9,752	10,120	10,364	10,905
North Carolina	2,690	3,754	3,848	4,510	5,639	5,638	5,533	5,572	5,443	5,527	5,791	6,126	6,363	6,459
North Dakota	3,125	4,456	4,474	5,241	5,472	5,201	5,344	5,310	5,394	5,391	5,570	5,893	5,965	6,233
Ohio	3,191	4,348	4,361	5,346	6,359	6,316	6,482	6,550	6,538	6,655	6,829	7,136	7,436	7,705
Oklahoma	2,612	4,154	4,249	4,813	4,621	4,843	5,407	5,370	5,247	5,402	5,544	5,743	5,678	6,126
Oregon	3,978	5,537	5,723	6,083	6,827	6,912	6,730	6,693	6,678	6,638	7,071	7,394	7,525	7,661
Pennsylvania	3,846	5,345	5,339	6,567	8,051	8,048	7,851	7,778	7,984	7,968	7,942	8,068	8,181	8,355
Rhode Island	3,806	5,372	5,460	6,968	8,291	7,895	8,283	8,442	8,424	8,536	8,735	8,983	9,373	9,480
South Carolina	2,676	3,666	3,342	4,612	5,290	5,335	5,284	5,333	5,512	5,663	5,861	6,125	6,452	6,749
South Dakota	3,095	4,087	3,877	4,754	4,927	4,958	4,991	5,060	4,868	4,919	5,144	5,695	5,928	6,300
Tennessee	2,504	3,496	3,446	4,006	4,778	4,685	4,649	4,759	4,811	5,137	5,440	5,548	5,666	5,788
Texas	2,600	3,993	3,767	5,042	5,382	5,387	5,469	5,661	5,785	5,906	5,998	6,157	6,618	6,655
Utah	2,808	3,572	3,518	3,681	3,616	3,682	3,907	4,038	4,157	4,242	4,372	4,559	4,608	4,756
Vermont	3,724	4,430	4,828	6,287	8,098	8,323	7,636	7,543	7,482	7,572	7,794	8,166	8,760	9,315
Virginia	3,087	4,187	4,164	5,385	6,581	6,607	6,343	6,422	6,376	6,490	6,682	6,877	7,201	7,410
Washington	4,024	5,479	4,864	5,903	6,150	6,190	6,510	6,488	6,504	6,430	6,654	6,617	6,711	6,869
West Virginia	2,931	4,014	4,049	5,329	5,641	6,082	6,450	6,710	6,782	6,814	6,966	7,231	7,528	7,668
Wisconsin	3,741	5,107	5,044	6,168	7,044	7,161	7,466	7,465	7,516	7,620	7,847	8,152	8,217	8,388
Wyoming	3,797	5,438	5,674	7,785	7,352	7,065	6,744	6,816	6,720	6,696	6,851	7,409	7,816	7,974
Outlying areas														
American Samoa	—	—	—	—	2,500	2,663	2,117	2,349	2,404	2,565	2,396	2,472	2,883	2,634
Guam	3,616	—	—	4,939	5,357	5,869	6,338	5,942	5,539	5,257	5,729	—	—	—
Northern Marianas	—	—	—	—	4,710	5,534	4,885	6,326	5,766	6,591	6,734	5,752	5,390	4,737
Puerto Rico	—	—	2,057	2,009	2,253	2,359	2,626	2,864	3,065	3,153	3,537	3,572	3,582	3,750
Virgin Islands	—	—	—	4,939	8,480	7,338	6,457	6,255	6,203	6,121	6,536	7,562	6,819	6,551

—Not available.

¹Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school year basis. These data do not reflect differences in inflation rates from state to state.

NOTE: Beginning in 1980-81, expenditures for state administration are excluded. Beginning in 1989-90, survey was expanded and coverage of state expenditures for public

school districts was improved. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Schools*, various years; *Statistics of State School Systems*, various years; and The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1985-86 through 2000-01. (This table was prepared August 2003.)

Table 171. Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state or jurisdiction: Selected years, 1959-60 to 2000-01

State or jurisdiction	Unadjusted dollars													
	1959-60	1969-70	1979-80	1980-81	1985-86	1989-90	1990-91	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	\$375	\$816	\$2,272	\$2,502	\$3,756	\$4,980	\$5,258	\$5,989	\$6,147	\$6,393	\$6,676	\$7,013	\$7,394	\$7,898
Alabama	241	544	1,612	1,985	2,565	3,327	3,627	4,405	4,716	4,903	5,166	5,512	5,758	6,052
Alaska	546	1,123	4,728	5,688	8,304	8,431	8,330	8,963	9,012	9,097	9,074	9,209	9,668	9,998
Arizona	404	720	1,971	2,258	3,336	4,053	4,309	4,778	4,860	4,940	5,122	5,235	5,478	5,766
Arkansas	225	568	1,574	1,701	2,658	3,485	3,700	4,459	4,710	4,840	4,999	5,193	5,628	5,942
California	² 424	867	2,268	2,475	3,543	4,391	4,491	4,992	5,108	5,414	5,795	6,045	6,401	7,063
Colorado	396	738	2,421	2,693	3,975	4,720	5,064	5,443	5,521	5,728	6,099	6,386	6,702	7,082
Connecticut	436	951	2,420	2,876	4,743	7,837	7,853	8,817	8,817	8,901	9,218	9,620	10,122	10,525
Delaware	456	900	2,861	3,018	4,610	5,799	5,974	7,030	7,267	7,804	7,963	8,336	8,809	9,720
District of Columbia	431	1,018	3,259	3,441	5,337	8,955	9,377	9,335	9,565	9,019	9,225	10,611	11,935	12,046
Florida	318	732	1,889	2,401	3,529	4,997	5,276	5,718	5,894	5,986	6,183	6,443	6,383	6,620
Georgia	253	588	1,625	1,708	2,966	4,275	4,466	5,193	5,377	5,708	6,059	6,534	6,903	7,431
Hawaii	325	841	2,322	2,604	3,807	4,448	5,166	6,078	6,051	6,144	6,409	6,648	7,090	7,106
Idaho	290	603	1,659	1,856	2,484	3,078	3,386	4,210	4,465	4,732	5,012	5,379	5,644	6,077
Illinois	438	909	2,587	2,704	3,781	5,118	5,520	6,136	6,128	6,557	7,111	7,676	8,084	8,672
Indiana	369	728	1,882	2,010	3,275	4,606	4,930	5,826	6,040	6,605	6,786	7,249	7,652	8,128
Iowa	368	844	2,326	2,668	3,619	4,453	4,679	5,483	5,772	6,047	6,295	6,548	6,925	7,340
Kansas	348	771	2,173	2,559	3,829	4,752	4,874	5,817	5,971	6,158	6,406	6,708	6,962	7,672
Kentucky	233	545	1,701	1,784	2,486	3,745	4,354	5,217	5,545	5,929	6,125	6,501	6,784	7,174
Louisiana	372	648	1,792	2,469	3,187	3,903	4,196	4,988	5,201	5,644	6,019	6,256	6,553	6,553
Maine	283	692	1,824	1,934	3,472	5,373	5,458	6,428	6,546	6,880	7,238	7,688	8,247	8,879
Maryland	393	918	2,598	2,914	4,447	6,275	6,654	7,245	7,382	7,543	7,812	7,865	8,273	8,829
Massachusetts	409	859	2,819	2,940	4,562	6,237	6,366	7,287	7,613	7,818	8,299	8,750	9,375	10,073
Michigan	415	904	2,640	3,037	4,176	5,546	5,883	6,994	7,166	7,568	7,717	8,142	8,886	9,031
Minnesota	425	904	2,387	2,673	3,941	4,971	5,239	6,000	6,162	6,371	6,795	7,183	7,499	7,960
Mississippi	206	501	1,664	1,605	2,362	3,094	3,187	4,080	4,250	4,312	4,575	4,871	5,356	5,535
Missouri	344	709	1,936	2,172	3,189	4,507	4,754	5,383	5,626	5,823	6,096	6,393	6,764	7,265
Montana	411	782	2,476	2,683	4,091	4,736	5,204	5,692	5,847	6,112	6,448	6,768	6,990	7,484
Nebraska	337	736	2,150	2,384	3,634	4,842	5,038	5,935	6,083	6,472	6,584	6,856	7,360	7,688
Nevada	430	769	2,088	2,078	3,440	4,117	4,653	5,160	5,320	5,541	5,758	5,934	6,148	6,150
New Hampshire	347	723	1,916	2,265	3,542	5,304	5,685	5,859	5,958	6,236	6,487	6,780	7,082	7,656
New Jersey	388	1,016	3,191	3,254	5,570	8,139	8,756	9,774	9,955	10,211	10,233	10,748	10,903	11,752
New Mexico	363	707	2,034	2,329	3,195	3,515	3,895	4,577	4,587	4,674	4,984	5,363	5,835	6,238
New York	562	1,327	3,462	3,741	6,011	8,062	8,565	9,623	9,549	9,658	9,970	10,514	10,957	11,887
North Carolina	237	612	1,754	2,001	2,948	4,290	4,548	5,077	5,090	5,315	5,667	6,088	6,505	6,824
North Dakota	367	690	1,920	2,275	3,483	4,189	4,199	4,795	4,979	5,198	5,353	5,820	6,078	6,467
Ohio	365	730	2,075	2,303	3,527	5,045	5,245	6,162	6,266	6,517	6,808	7,254	7,816	8,403
Oklahoma	311	604	1,926	2,199	3,146	3,508	3,843	4,845	4,881	5,150	5,389	5,684	5,770	6,458
Oregon	448	925	2,692	3,100	4,141	5,474	5,683	6,436	6,615	6,792	7,348	7,787	8,129	8,545
Pennsylvania	409	882	2,535	2,824	4,325	6,228	6,541	7,109	7,492	7,686	7,777	8,026	8,380	8,847
Rhode Island	413	891	2,601	2,927	4,667	6,368	6,343	7,715	7,936	8,307	8,627	9,049	9,646	10,116
South Carolina	220	613	1,752	1,734	3,058	4,082	4,352	4,797	5,096	5,371	5,643	6,003	6,545	7,210
South Dakota	347	690	1,908	1,991	3,051	3,731	3,965	4,775	4,780	4,936	5,281	5,613	6,037	6,581
Tennessee	238	566	1,635	1,794	2,612	3,664	3,782	4,388	4,548	5,011	5,274	5,521	5,837	6,108
Texas	332	624	1,916	2,006	3,298	4,150	4,438	5,222	5,473	5,736	5,910	6,161	6,771	7,039
Utah	322	626	1,657	1,819	2,390	2,764	2,960	3,656	3,867	4,045	4,256	4,478	4,692	5,029
Vermont	344	807	1,997	2,475	4,031	6,227	6,738	6,750	6,837	7,171	7,500	7,984	8,799	9,559
Virginia	274	708	1,970	2,179	3,520	4,672	4,902	5,327	5,433	5,677	5,936	6,129	6,491	7,664
Washington	420	915	2,568	2,542	3,881	4,702	5,000	5,906	6,074	6,182	6,535	6,595	6,914	7,312
West Virginia	258	670	1,920	2,146	3,528	4,360	4,911	6,107	6,325	6,519	6,779	7,189	7,637	8,148
Wisconsin	413	883	2,477	2,738	4,168	5,524	5,871	6,930	7,094	7,398	7,680	8,062	8,299	8,797
Wyoming	450	856	2,527	2,967	5,114	5,577	5,638	6,160	6,243	6,448	6,718	7,393	7,944	8,466
Outlying areas														
American Samoa	—	—	—	—	1,387	1,908	2,033	2,046	2,159	2,393	2,243	2,354	2,807	2,743
Guam	236	820	—	—	3,383	4,234	4,596	5,080	4,947	5,124	5,286	—	—	—
Northern Marianas	—	—	—	—	2,552	3,007	4,425	6,123	5,863	6,827	7,016	5,973	5,720	5,193
Puerto Rico	106	—	—	—	1,325	1,750	1,913	2,742	3,039	3,229	3,648	3,771	3,859	4,191
Virgin Islands	271	—	—	—	3,223	6,767	6,002	6,003	6,155	6,274	6,758	7,714	7,238	7,795

See notes at end of table.

Table 171. Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state or jurisdiction: Selected years, 1959–60 to 2000–01—Continued

State or jurisdiction	In constant 2001–02 dollars ¹													
	1959–60	1969–70	1979–80	1980–81	1985–86	1989–90	1990–91	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01
1	16	17	18	19	20	21	22	23	24	25	26	27	28	29
United States	\$2,275	\$3,849	\$5,214	\$5,146	\$6,150	\$6,988	\$6,996	\$7,095	\$7,090	\$7,169	\$7,354	\$7,595	\$7,782	\$8,037
Alabama	1,462	2,566	3,700	4,083	4,200	4,669	4,826	5,218	5,439	5,498	5,691	5,969	6,061	6,159
Alaska	3,313	5,295	10,851	11,701	13,598	11,832	11,084	10,619	10,394	10,201	9,997	9,973	10,176	10,175
Arizona	2,447	3,397	4,524	4,646	5,463	5,688	5,733	5,661	5,605	5,540	5,643	5,669	5,766	5,868
Arkansas	1,366	2,678	3,614	3,499	4,352	4,891	4,923	5,282	5,432	5,427	5,507	5,624	5,924	6,047
California	² 2,571	4,091	5,205	5,091	5,802	6,162	5,975	5,914	5,891	6,071	6,385	6,547	6,737	7,188
Colorado	2,402	3,481	5,557	5,539	6,508	6,624	6,738	6,448	6,368	6,423	6,719	6,916	7,054	7,207
Connecticut	2,645	4,487	5,555	5,915	7,767	10,998	10,450	10,445	10,169	9,981	10,156	10,418	10,654	10,711
Delaware	2,764	4,246	6,567	6,208	7,549	8,138	7,949	8,328	8,381	8,751	8,773	9,028	9,272	9,892
District of Columbia	2,615	4,804	7,480	7,079	8,740	12,567	12,478	11,059	11,031	10,113	10,163	11,491	12,562	12,260
Florida	1,926	3,454	4,336	4,940	5,780	7,013	7,021	6,774	6,798	6,712	6,812	6,977	6,719	6,737
Georgia	1,537	2,773	3,730	3,514	4,857	5,999	5,943	6,152	6,202	6,400	6,675	7,076	7,266	7,563
Hawaii	1,968	3,965	5,329	5,356	6,233	6,243	6,874	7,201	6,979	6,889	7,061	7,200	7,463	7,232
Idaho	1,757	2,846	3,808	3,818	4,067	4,319	4,506	4,987	5,149	5,306	5,522	5,825	5,941	6,185
Illinois	2,659	4,290	5,937	5,562	6,192	7,182	7,346	7,269	7,068	7,353	7,835	8,312	8,509	8,826
Indiana	2,236	3,434	4,321	4,134	5,364	6,464	6,561	6,903	6,966	7,407	7,476	7,850	8,054	8,272
Iowa	2,230	3,982	5,340	5,487	5,927	6,249	6,226	6,496	6,657	6,781	6,935	7,091	7,289	7,470
Kansas	2,109	3,637	4,988	5,264	6,271	6,668	6,486	6,892	6,887	6,906	7,058	7,264	7,328	7,808
Kentucky	1,413	2,572	3,905	3,669	4,071	5,256	5,793	6,180	6,396	6,648	6,748	7,040	7,141	7,301
Louisiana	2,256	3,057	4,113	5,080	5,219	5,478	5,584	5,640	5,752	5,832	6,218	6,518	6,585	6,669
Maine	1,715	3,267	4,186	3,978	5,685	7,540	7,262	7,616	7,550	7,714	7,974	8,326	8,680	9,036
Maryland	2,382	4,332	5,963	5,993	7,282	8,807	8,854	8,584	8,515	8,458	8,607	8,518	8,708	8,986
Massachusetts	2,480	4,052	6,471	6,047	7,471	8,753	8,471	8,633	8,781	8,767	9,144	9,476	9,868	10,251
Michigan	2,517	4,264	6,060	6,247	6,838	7,784	7,828	8,286	8,264	8,486	8,502	8,818	9,353	9,190
Minnesota	2,579	4,262	5,478	5,499	6,453	6,975	6,971	7,108	7,107	7,144	7,486	7,779	7,893	8,101
Mississippi	1,249	2,363	3,819	3,303	3,867	4,341	4,240	4,833	4,902	4,836	5,040	5,275	5,637	5,633
Missouri	2,086	3,342	4,444	4,468	5,222	6,325	6,326	6,378	6,489	6,530	6,716	6,924	7,120	7,393
Montana	2,491	3,688	5,684	5,520	6,699	6,647	6,925	6,743	6,743	6,853	7,104	7,330	7,357	7,617
Nebraska	2,044	3,474	4,935	4,905	5,950	6,795	6,703	7,031	7,016	7,257	7,254	7,425	7,747	7,824
Nevada	2,610	3,630	4,793	4,274	5,633	5,778	6,192	6,113	6,136	6,213	6,343	6,426	6,471	6,259
New Hampshire	2,106	3,411	4,397	4,660	5,800	7,443	7,564	6,941	6,872	6,993	7,147	7,342	7,455	7,791
New Jersey	2,350	4,794	7,325	6,694	9,121	11,422	11,651	11,580	11,482	11,450	11,274	11,640	11,476	11,960
New Mexico	2,199	3,335	4,668	4,792	5,232	4,933	5,182	5,423	5,290	5,241	5,490	5,808	6,142	6,348
New York	3,406	6,259	7,947	7,696	9,843	11,313	11,396	11,401	11,013	10,830	10,983	11,387	11,533	12,097
North Carolina	1,439	2,888	4,027	4,116	4,828	6,021	6,052	6,015	5,871	5,960	6,244	6,593	6,847	6,945
North Dakota	2,224	3,253	4,408	4,679	5,704	5,879	5,587	5,681	5,743	5,829	5,898	6,303	6,398	6,581
Ohio	2,214	3,444	4,762	4,737	5,775	7,079	6,979	7,300	7,227	7,307	7,500	7,856	8,227	8,552
Oklahoma	1,888	2,851	4,422	4,523	5,152	4,923	5,114	5,740	5,629	5,775	5,937	6,156	6,073	6,572
Oregon	2,719	4,362	6,179	6,376	6,780	7,682	7,562	7,625	7,629	7,617	8,095	8,434	8,556	8,696
Pennsylvania	2,483	4,159	5,818	5,809	7,083	8,740	8,704	8,422	8,640	8,618	8,567	8,692	8,821	9,004
Rhode Island	2,507	4,204	5,970	6,020	7,643	8,936	8,440	9,140	9,153	9,315	9,504	9,800	10,153	10,295
South Carolina	1,335	2,889	4,021	3,567	5,008	5,728	5,791	5,684	5,877	6,023	6,217	6,501	6,890	7,338
South Dakota	2,103	3,254	4,379	4,095	4,996	5,236	5,275	5,657	5,513	5,535	5,818	6,079	6,354	6,698
Tennessee	1,444	2,670	3,754	3,690	4,277	5,141	5,032	5,199	5,245	5,619	5,810	5,979	6,144	6,216
Texas	2,015	2,944	4,397	4,126	5,401	5,825	5,906	6,187	6,313	6,432	6,511	6,672	7,127	7,163
Utah	1,955	2,954	3,803	3,742	3,914	3,879	3,938	4,331	4,461	4,536	4,689	4,849	4,939	5,118
Vermont	2,086	3,808	4,584	5,090	6,601	8,738	8,966	7,996	7,886	8,041	8,263	8,646	9,262	9,728
Virginia	1,663	3,339	4,522	4,482	5,765	6,556	6,522	6,311	6,266	6,366	6,540	6,637	6,832	7,800
Washington	2,550	4,318	5,895	5,230	6,355	6,599	6,652	6,997	7,005	6,932	7,199	7,142	7,277	7,441
West Virginia	1,567	3,160	4,408	4,414	5,778	6,119	6,535	7,236	7,295	7,311	7,469	7,785	8,038	8,292
Wisconsin	2,505	4,164	5,685	5,633	6,825	7,752	7,812	8,211	8,182	8,296	8,461	8,731	8,735	8,953
Wyoming	2,731	4,038	5,800	6,104	8,374	7,827	7,502	7,298	7,201	7,231	7,401	8,006	8,362	8,615
Outlying areas														
American Samoa	—	—	—	—	2,270	2,677	2,705	2,424	2,490	2,684	2,471	2,550	2,955	2,791
Guam	1,434	3,867	—	—	5,539	5,942	6,115	6,018	5,706	5,746	5,824	—	—	—
Northern Marianas	—	—	—	—	4,178	4,220	5,887	7,254	6,762	7,655	7,730	6,469	6,021	5,285
Puerto Rico	644	—	—	—	2,169	2,456	2,545	3,249	3,505	3,621	4,019	4,084	4,062	4,265
Virgin Islands	1,641	—	—	—	5,278	9,497	7,987	7,112	7,099	7,036	7,446	8,354	7,618	7,933

—Not available.

¹Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis. These data do not reflect differences in inflation rates from state to state.

²Estimated by the National Center for Education Statistics.

NOTE: Beginning in 1980–81, state administration expenditures are excluded. Beginning in 1989–90, extensive changes were made in the data collection procedures. There

are discrepancies in average daily attendance reporting practices from state to state. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; and The NCES Common Core of Data (CCD), "National Public Education Financial Survey," 1985–86 through 2000–01. (This table was prepared August 2003.)

CHAPTER 3

Postsecondary Education

Postsecondary education includes an array of diverse educational experiences, including a wide range of programs offered by American colleges and universities. For example, a community college may offer vocational training or the first 2 years of training at the college level. A university typically offers a full undergraduate course of study leading to a bachelor's degree, as well as first-professional and graduate programs leading to advanced degrees. Vocational and technical institutions offer training programs that are designed to prepare students for specific careers. Community groups, religious organizations, libraries, and businesses provide other types of educational opportunities for adults.

This chapter provides an overview of statistics on postsecondary education, which includes academic, vocational, and continuing professional education programs after high school. However, to maintain comparability over time, most of the data in the *Digest* are for degree-granting institutions, which include 2- and 4-year colleges and universities and exclude most vocational programs of less than 2 years duration and continuing education programs. This chapter highlights historical data that enable the reader to observe long-range trends in college education in America.

Other chapters provide related information on postsecondary education. Data on price indexes and on the number of degrees held by the general population are shown in chapter 1. Chapter 4 contains tabulations on federal funding for postsecondary education. Information on employment outcomes for college graduates is shown in chapter 5. Chapter 7 contains data on college libraries and use of computers by young adults. Further information on survey methodologies is presented in the Guide to Sources in the appendix and in the publications cited in the source notes.

Enrollment

Enrollment in degree-granting institutions increased by 16 percent between 1981 and 1991 (table 174). Between 1991 and 2001, enrollment increased at a slightly slower rate (11 percent), from 14.4 million to 15.9 million. There was a slight decline in enrollment from 1992 to 1995, but it was overshadowed by large increases after that time period. Much of this growth

was in female enrollment. Between 1991 and 2001, the number of men enrolled rose 7 percent, while the number of women increased by 14 percent. During the same time period, part-time enrollment rose by 4 percent compared to an increase of 16 percent in full-time enrollment. In addition to the enrollment in accredited 2-year colleges, 4-year colleges, and universities, about 406,000 students attended non-degree-granting, Title IV eligible,¹ postsecondary institutions in fall 2001 (table 172).

The number of young students has been growing more rapidly than the number of older students, and this pattern is expected to continue (table 176 and figure 14). Between 1990 and 2000, the enrollment of students under age 25 increased by 16 percent. Enrollment of persons 25 and over rose by 3 percent during the same period. From 2000 to 2010, NCES projects a rise of 19 percent in enrollments of persons under 25 and an increase of 8 percent in the number 25 and over.

Enrollment trends have differed at the undergraduate, graduate, and first-professional levels. Undergraduate enrollment generally increased during the 1970s, but dipped slightly between 1983 and 1985 (table 189). From 1985 to 1992, undergraduate enrollment increased each year, rising 18 percent before declining slightly and stabilizing between 1993 and 1996. Undergraduate enrollment rose 10 percent between 1998 and 2001. Graduate enrollment had been steady at about 1.3 million in the late 1970s and early 1980s, but rose about 38 percent between 1985 and 2001 (table 190). After rising very rapidly during the 1970s, enrollment in first-professional programs stabilized in the 1980s. First-professional enrollment began rising again in the 1990s and showed an increase of 13 percent between 1990 and 2001 (table 191).

Since 1984, the number of women in graduate schools has exceeded the number of men (table 190). Between 1991 and 2001, the number of male full-time graduate students increased by 14 percent, compared to 52 percent for full-time women. Among part-time graduate students, the number of men de-

¹ Title IV programs, which are administered by the U.S. Department of Education, provide financial aid to postsecondary students.

creased by 3 percent compared to a 13 percent increase for women.

The proportion of American college students who are minorities has been increasing. In 1976, 15 percent were minorities, compared with 29 percent in 2001 (table 209). Much of the change can be attributed to rising numbers of Hispanic and Asian or Pacific Islander students. The proportion of Asian or Pacific Islander students rose from 2 percent to 6 percent, and the Hispanic proportion rose from 4 percent to 10 percent during that time period. The proportion of Black students fluctuated during most of the early part of the period, before rising slightly to 12 percent in 2001 from 9 percent in 1976. Non-resident aliens for whom race/ethnicity is not reported comprise 4 percent of the total enrollment.

Despite the sizable numbers of small degree-granting colleges, most students attend the larger colleges and universities. In fall 2001, 40 percent of institutions had fewer than 1,000 students; however, these campuses enrolled 4 percent of college students (table 217). While 11 percent of the campuses enrolled 10,000 or more students, they accounted for 53 percent of total college enrollment.

Faculty, Staff, and Salaries

The student/staff ratio at colleges and universities dropped from 5.4 in 1976 to 4.8 in 2001 (table 226). During the same time period, the student/faculty ratio dropped from 16.6 to 15.0. The proportion of administrative staff and other nonteaching professional staff rose from 15 percent in 1976 to 25 percent in 2001, while the proportion of nonprofessional staff declined from 42 percent to 31 percent.

Approximately 3.1 million people were employed in colleges and universities in the fall of 2001, including 2.1 million professional and 1.0 million nonprofessional staff (table 227). About 45 percent of the staff were faculty or teaching assistants, 5 percent were managerial, 20 percent were other non-teaching professionals, and 31 percent were nonprofessional staff.

Colleges differ in their practices of employing part-time and full-time staff. In fall 2001, 49 percent of the employees at public 2-year colleges were employed full-time compared with 70 percent at public 4-year colleges and 71 percent at private 4-year colleges (table 227). A higher proportion of the faculty at public 4-year colleges were employed full-time (72 percent) than at private 4-year colleges (56 percent) or public 2-year colleges (33 percent).

About 15 percent of U.S. faculty in colleges and universities were minorities in 2001 (based on a total excluding persons whose race/ethnicity was unknown) (table 228). Six percent of the faculty were Black; 5 percent, Asian/Pacific Islanders; 3 percent, Hispanic; and 0.5 percent, American Indian/Alaska

Native. Nearly half of college faculty (48 percent) were White males, while 35 percent were White females. About 16 percent of executive, managerial, and administrative staff were minorities in 2001, compared to about 31 percent of the nonprofessional staff. The proportion of minority staff at public 4-year colleges (22 percent) was similar to the proportion at private 4-year colleges (20 percent).

The proportion of time that full-time instructional faculty and staff spent teaching averaged 57 percent in 1998 (table 232). For the remaining faculty time, research and scholarship accounted for 15 percent of the time; professional growth, 5 percent; administration, 14 percent; outside consulting, 3 percent; service and nonteaching activities, 7 percent.

College faculty generally suffered losses in the purchasing power of their salaries from 1972–73 to 1980–81, when average salaries fell 17 percent after adjustment for inflation (table 239). During the 1980s, average salaries rose and recouped most of the losses. Between 1992–93 and 2001–02, there was a further increase in average faculty salaries, resulting in an average about 4 percent higher than in 1972–73. Average salaries for men in 2001–02 (\$64,320) were higher than the average for women (\$52,662), but women's salaries have increased at a slightly faster rate (10 vs. 7 percent) since 1992–93.

The proportion of faculty with tenure has declined slightly in recent years. About 51 percent of full-time instructional faculty had tenure in 2001–02 compared with 56 percent in 1993–94 (table 245). A difference existed between the proportion of men and women with tenure. Fifty-seven percent of men compared to 42 percent of women had tenure in 2001–02. About 53 percent of the instructional faculty at public institutions had tenure, compared to 47 percent of faculty at private institutions.

Degrees

During the 2002–03 academic year, 4,168 accredited institutions offered degrees at the associate degree level or above. These included 2,324 4-year colleges and universities, and 1,844 2-year colleges (table 247). Institutions awarding various degrees in 2001–02 numbered 2,581 for associate degrees, 2,035 for bachelor's degrees, 1,514 for master's degrees, and 539 for doctor's degrees (table 258).

Larger numbers of people are completing college. Between 1991–92 and 2001–02, the number of associate, bachelor's, master's, first-professional, and doctor's degrees rose (table 249). Associate degrees increased 18 percent, bachelor's degrees increased 14 percent, master's degrees increased 37 percent, and doctor's degrees increased 9 percent during this period. The number of first-professional degrees was 9 percent higher in 2001–02 than it was in 1991–92.

Since the mid-1980s, more women than men have earned associate, bachelor's, and master's degrees (table 249). Also, the number of women receiving all types of degrees has increased at a faster rate than for men. Between 1991–92 and 2001–02, the number of bachelor's degrees awarded to men increased by 6 percent, while those awarded to women rose by 21 percent.

Of the 1,292,000 bachelor's degrees conferred in 2001–02, the largest numbers of degrees were conferred in the fields of business (281,000), social sciences (133,000), and education (106,000) (table 252). At the master's degree level, the largest fields were education (137,000) and business (121,000) (table 253). The largest fields at the doctor's degree level were education (7,000), engineering (5,200), biological/life sciences (4,500), and psychology (4,300) (table 254).

The pattern of bachelor's degrees by field of study has shifted significantly in recent years. While the number of degrees has increased 14 percent between 1991–92 and 2001–02, the numbers have declined in some fields, such as engineering and mathematics (table 252 and figure 16). Engineering and engineering technologies declined 3 percent between 1991–92 and 1996–97, and then posted a further 2 percent decline between 1996–97 and 2001–02. The number of mathematics degrees declined by 13 percent between 1991–92 and 1996–97 and posted a further 3 percent decline between 1996–97 and 2001–02. In contrast, some technical fields have increased. After an increase of 1 percent between 1991–92 and 1996–97, the number of degrees in computer and information sciences grew 91 percent between 1996–97 and 2001–02. Other sizable fields with increases over 20 percent between 1996–97 and 2001–02 included: theological studies/religious vocations; parks, recreation, and leisure studies; visual and performing arts; communications and com-

munications technologies; business; and philosophy and religion.

Fifty-eight percent of the students who enrolled in a 4-year college in 1995–96 had completed a bachelor's degree by 2001 (table 313). About 7 percent of students had completed a certificate or associate's degree, 14 percent were still enrolled, and 21 percent were no longer working toward a bachelor's degree.

Finances

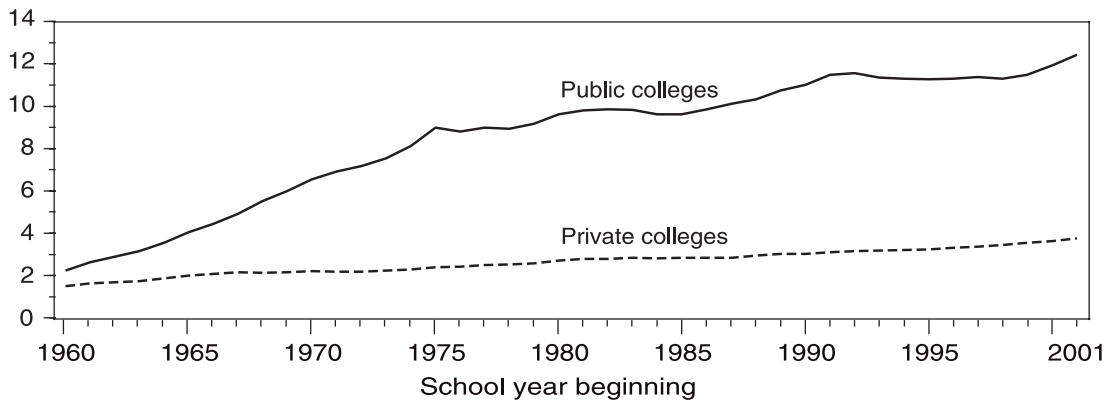
For the 2002–03 academic year, annual prices for undergraduate tuition, room, and board were estimated to be \$8,556 at public colleges and \$23,503 at private colleges (table 315). Between 1992–93 and 2002–03, prices at public colleges rose by 24 percent, and prices at private colleges increased by 26 percent, after adjustment for inflation (tables 35 and 315).

Trend data show small increases in the expenditures per student at public 2-year and 4-year colleges and universities in the late 1980s and larger increases during the 1990s (table 345). After an adjustment for inflation at colleges and universities, current-fund expenditures per student at public colleges rose about 5 percent between 1985–86 and 1990–91, and another 28 percent between 1990–91 and 2000–01.

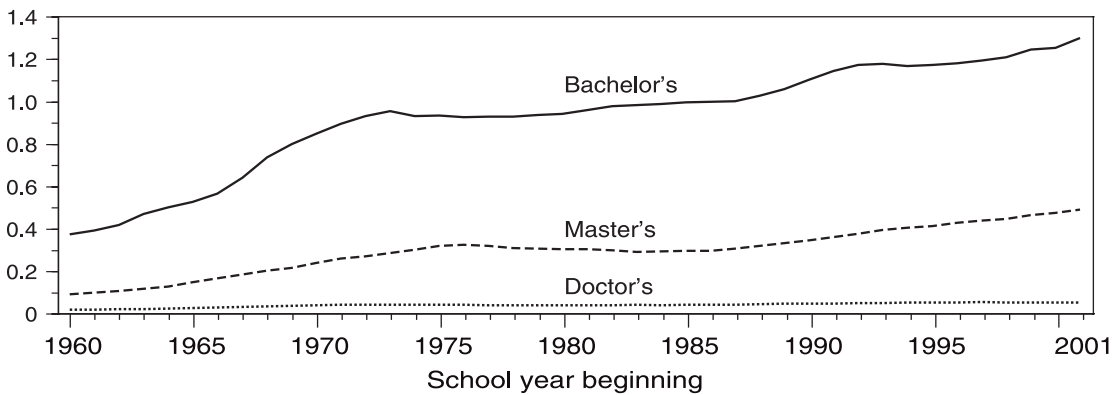
Scholarships and fellowships rose more rapidly at public institutions than most other types of college educational and general expenditures. At public universities, between 1990–91 and 2000–01, inflation adjusted scholarship and fellowship expenditures per full-time-equivalent student rose 76 percent compared with 17 percent for instruction expenditures per student (table 349). At other public 4-year institutions during the same period, scholarship and fellowship costs per student rose 147 percent, and the instruction costs rose by 19 percent (table 350).

Figure 12. Enrollment, degrees conferred, and expenditures in degree-granting institutions: 1960–61 to 2001–02

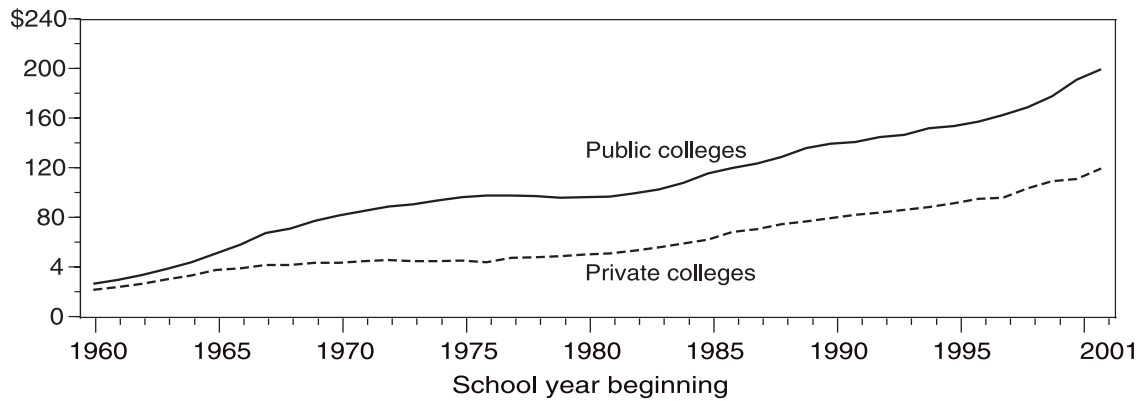
Fall enrollment, in millions



Degrees, in millions



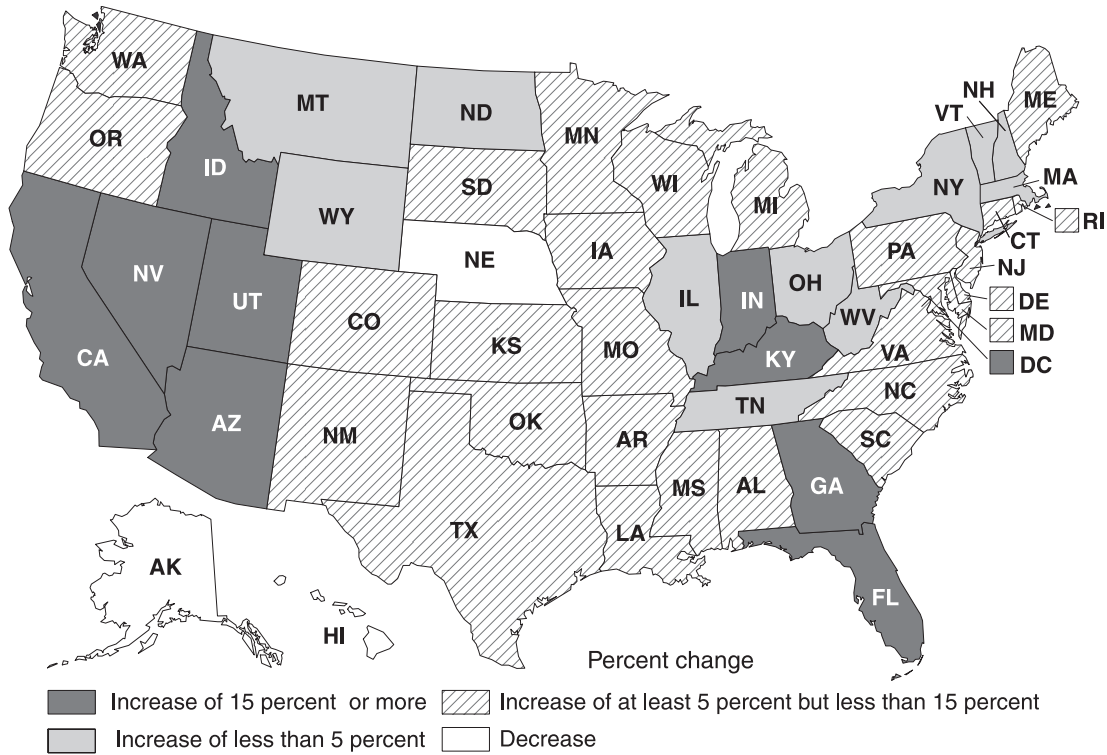
Total expenditures in billions of constant 2001–02 dollars



NOTE: Public finance data for 2001–02 and private finance data for 1996–97 through 2001–02 are estimated.

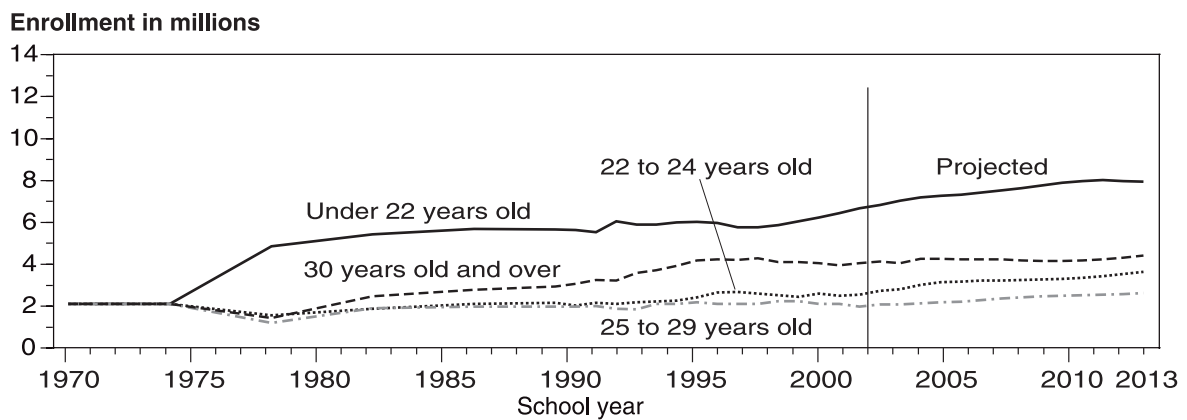
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Opening Fall Enrollment in Higher Education, 1960 through 1965*; *Financial Statistics of Institutions of Higher Education, 1959–60 through 1964–65*; *Earned Degrees Conferred, 1959–60 through 1965–66*; Higher Education General Information Survey (HEGIS), “Fall Enrollment in Institutions of Higher Education,” 1966 through 1985, “Degrees and Other Formal Awards Conferred,” 1966–67 through 1985–86, and “Financial Statistics of Institutions of Higher Education,” 1966–67 through 1985–86; and Integrated Postsecondary Education Data System (IPEDS), “Fall Enrollment,” surveys, 1986 through 1999, and Spring 2001 and 2002, “Completions,” 1986–87 through 1998–99 and Fall 2000 through Fall 2002, and “Finance” surveys, 1986–87 through 1999–2000, and Spring 2002.

Figure 13. Percentage change in total enrollment in degree-granting institutions, by state: Fall 1996 to fall 2001



SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1996" survey and Spring 2002 survey.

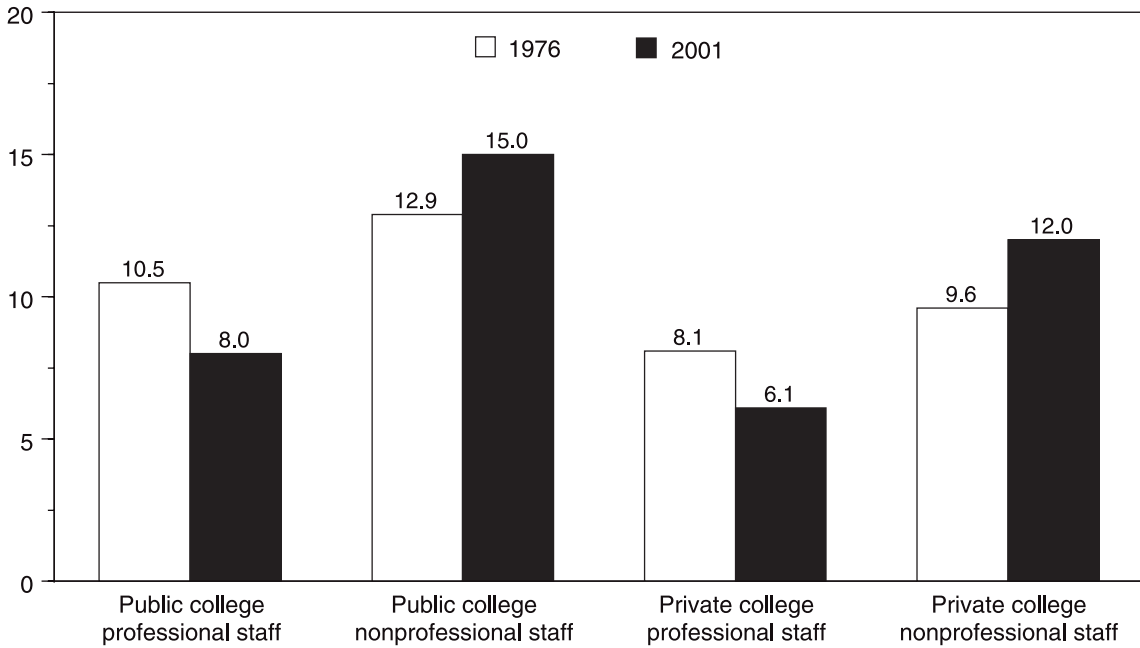
Figure 14. Enrollment in degree-granting institutions, by age: Fall 1970 to fall 2013



SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys, 1970 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and 2002; *Projections of Education Statistics to 2013*.

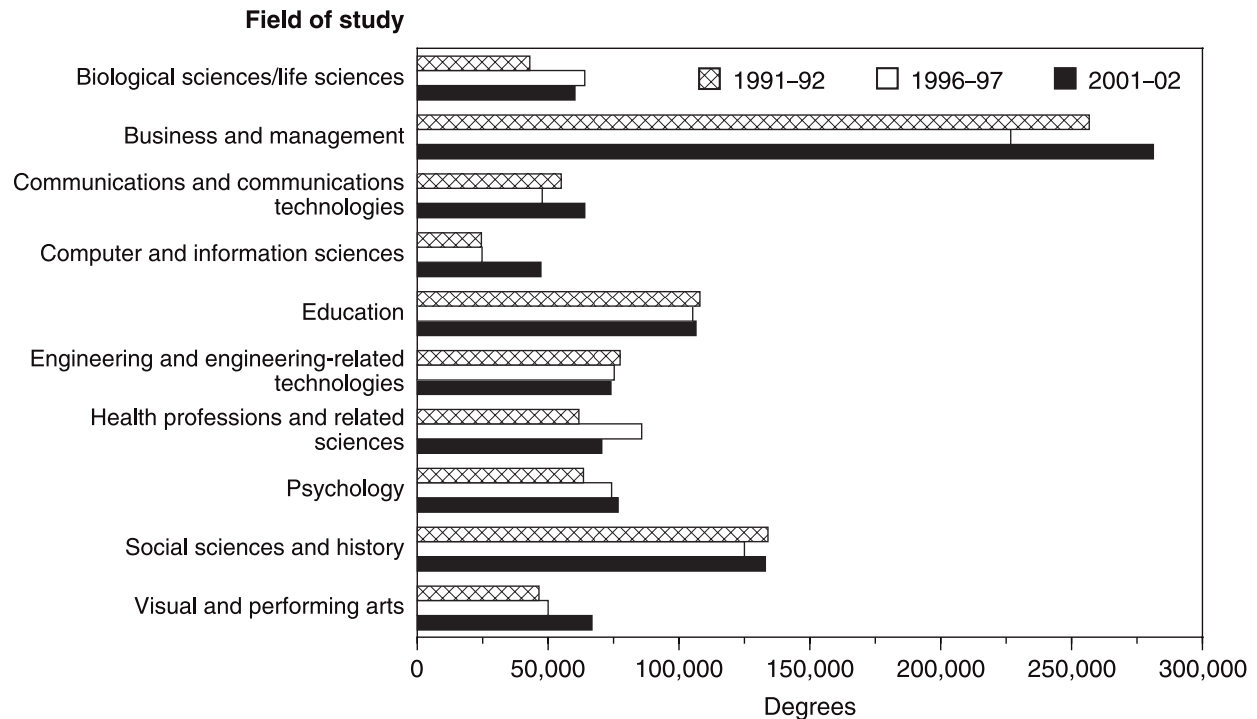
Figure 15. Full-time-equivalent students per staff member in public and private degree-granting institutions: 1976 and 2001

FTE students per FTE staff



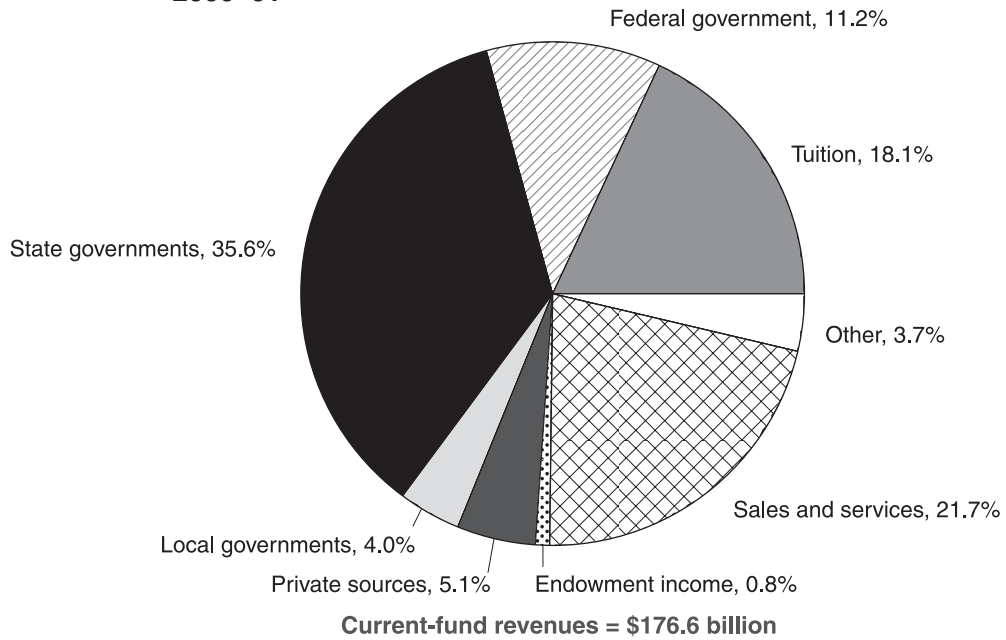
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Staff, 1976" survey and "Fall Enrollment in Higher Education, 1976" survey; and Integrated Postsecondary Education Data System (IPEDS), Winter 2001-02 survey.

Figure 16. Trends in bachelor's degrees conferred by degree-granting institutions in selected fields of study: 1991-92, 1996-97, and 2001-02



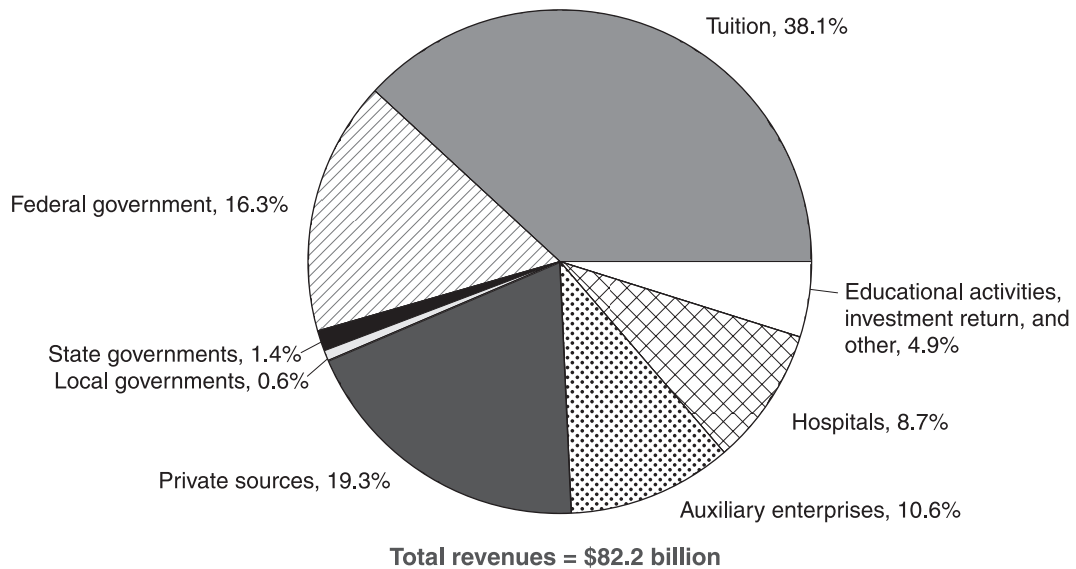
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1991-92, 1996-97, and Fall 2002.

Figure 17. Sources of current-fund revenue for public degree-granting institutions: 2000–01



SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 survey.

Figure 18. Sources of total revenue for private not-for-profit degree-granting institutions: 2000–01



SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 survey.

Table 172. Enrollment, staff, and degrees conferred in postsecondary institutions participating in Title IV programs, by level and control of institution, sex, and type of degree: Fall 2001 and 2001-02

Level of institution, type of degree, and sex of student	All Title IV participating institutions ¹	2-year and 4-year degree-granting institutions ²					Non-degree-granting institutions ³				
		Total	Public	Private			Total	Public	Private		
				Total	Not-for-profit	For-profit			Total	Not-for-profit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12
Enrollment, fall 2001											
Total	16,334,134	15,927,987	12,233,156	3,694,831	3,167,330	527,501	406,147	136,923	269,224	31,024	238,200
4-year institutions	9,678,426	9,677,408	6,236,455	3,440,953	3,119,781	321,172	1,018	31	987	691	296
Men	4,285,859	4,285,615	2,769,582	1,516,033	1,347,279	168,754	244	19	225	174	51
Women	5,392,567	5,391,793	3,466,873	1,924,920	1,772,502	152,418	774	12	762	517	245
2-year institutions	6,352,269	6,250,579	5,996,701	253,878	47,549	206,329	101,690	50,744	50,946	15,658	35,288
Men	2,718,167	2,675,200	2,558,029	117,171	21,505	95,666	42,967	26,292	16,675	4,090	12,585
Women	3,634,102	3,575,379	3,438,672	136,707	26,044	110,663	58,723	24,452	34,271	11,568	22,703
Less than 2-year	303,439	†	†	†	†	†	303,439	86,148	217,291	14,675	202,616
Men	100,186	†	†	†	†	†	100,186	41,049	59,137	4,729	54,408
Women	203,253	†	†	†	†	†	203,253	45,099	158,154	9,946	148,208
Staff, fall 2001											
Total	3,134,008	3,083,353	2,136,970	946,383	880,586	65,797	50,655	24,820	25,835	8,770	17,065
Professional staff	2,170,237	2,132,150	1,477,953	654,197	598,857	55,340	38,087	18,266	19,821	5,569	14,252
Administrative	156,088	152,038	82,811	69,227	63,749	5,478	4,050	1,110	2,940	678	2,262
Faculty	1,138,734	1,113,183	771,124	342,059	306,487	35,572	25,551	15,311	10,240	1,559	8,681
Faculty assistants	261,261	261,136	219,475	41,661	39,954	1,707	125	9	116	7	109
Other professionals	614,154	605,793	404,543	201,250	188,667	12,583	8,361	1,836	6,525	3,325	3,200
Nonprofessional staff	963,771	951,203	659,017	292,186	281,729	10,457	12,568	6,554	6,014	3,201	2,813
Student/staff ratio	4.8	4.7	5.2	3.5	3.4	5.0	7.9	7.0	8.6	3.9	11.1
Degrees conferred, 2001-02											
Less than 1-year awards and 1- to 4-year awards	584,223	309,231	246,271	62,960	14,136	48,824	274,992	73,020	201,972	18,768	183,204
4-year institutions	26,424	26,158	11,389	14,769	8,789	5,980	266	0	266	141	125
Men	12,616	12,571	5,324	7,247	3,807	3,440	45	0	45	23	22
Women	13,808	13,587	6,065	7,522	4,982	2,540	221	0	221	118	103
2-year institutions	336,438	283,073	234,882	48,191	5,347	42,844	53,365	25,064	28,301	6,125	22,176
Men	151,841	129,758	110,202	19,556	2,826	16,730	22,083	11,629	10,454	1,768	8,686
Women	184,597	153,315	124,680	28,635	2,521	26,114	31,282	13,435	17,847	4,357	13,490
Less than 2-year	221,361	†	†	†	†	†	221,361	47,956	173,405	12,502	160,903
Men	70,810	†	†	†	†	†	70,810	20,852	49,958	4,984	44,974
Women	150,551	†	†	†	†	†	150,551	27,104	123,447	7,518	115,929
Associate degrees	595,328	595,133	471,660	123,473	45,761	77,712	195	0	195	164	31
4-year institutions	101,918	101,918	39,693	62,225	34,312	27,913	0	0	0	0	0
Men	45,755	45,755	16,249	29,506	13,152	16,354	0	0	0	0	0
Women	56,163	56,163	23,444	32,719	21,160	11,559	0	0	0	0	0
2-year institutions	493,221	493,215	431,967	61,248	11,449	49,799	6	0	6	6	0
Men	192,354	192,354	161,369	30,985	5,200	25,785	0	0	0	0	0
Women	300,867	300,861	270,598	30,263	6,249	24,014	6	0	6	6	0
Less than 2-year	189	†	†	†	†	†	189	0	189	158	31
Men	68	†	†	†	†	†	68	0	68	60	8
Women	121	†	†	†	†	†	121	0	121	98	23
Bachelor's degrees	1,291,900	1,291,900	841,180	450,720	424,322	26,398	0	0	0	0	0
Men	549,816	549,816	359,417	190,399	176,360	14,039	0	0	0	0	0
Women	742,084	742,084	481,763	260,321	247,962	12,359	0	0	0	0	0
Master's degrees	482,118	482,118	249,820	232,298	218,034	14,264	0	0	0	0	0
Men	199,120	199,120	101,063	98,057	91,529	6,528	0	0	0	0	0
Women	282,998	282,998	148,757	134,241	126,505	7,736	0	0	0	0	0
First-professional degrees	80,698	80,698	33,439	47,259	47,020	239	0	0	0	0	0
Men	42,507	42,507	17,010	25,497	25,377	120	0	0	0	0	0
Women	38,191	38,191	16,429	21,762	21,643	119	0	0	0	0	0
Doctor's degrees	44,160	44,160	27,622	16,538	15,882	656	0	0	0	0	0
Men	23,708	23,708	15,087	8,621	8,373	248	0	0	0	0	0
Women	20,452	20,452	12,535	7,917	7,509	408	0	0	0	0	0

† Not applicable.

¹ Includes non-degree-granting institutions and some schools with non-accredited degree programs.

² Preliminary data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

³ Preliminary data are for institutions that did not offer accredited 4-year or 2-year degree programs, but were participating in Title IV federal financial aid programs. Includes some schools with non-accredited degree programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001, Winter 2001-02, and Fall 2002 surveys. (This table was prepared September 2003.)

Table 173. Historical summary of faculty, students, degrees, and finances in degree-granting institutions: Selected years, 1869-70 to 2001-02

Item	1869-70	1879-80	1889-90	1899-90	1909-10	1919-20	1929-30	1939-40	1949-50	1959-60	1969-70	1979-80	1989-90	1999-2000	2001-02
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total institutions ¹	563	811	998	977	951	1,041	1,409	1,708	1,851	2,004	2,525	3,152	3,535	4,084	4,197
Total faculty ²	3 5,553	3 11,522	3 15,809	23,868	36,480	48,615	82,386	146,929	246,722	380,554	4 450,000	4 675,000	5 824,220	1,027,830	1,113,183
Men	3 4,887	3 7,328	3 12,704	19,151	29,132	35,807	60,017	106,328	186,169	296,773	4 346,000	4 479,000	5 577,298	602,469	644,514
Women	3 666	3 4,194	3 3,105	4,717	7,348	12,808	22,369	40,601	60,533	83,781	4 104,000	4 196,000	5 246,922	425,361	468,669
Total fall enrollment ⁶	3 52,286	3 115,817	3 156,756	237,592	3 355,213	597,880	1,100,737	1,494,203	2,659,021	3,639,847	8,004,660	11,569,899	13,538,560	14,791,224	15,927,987
Men	3 41,160	3 77,972	3 100,453	152,254	3 214,648	314,938	619,935	893,250	1,853,068	2,332,617	4,746,201	5,682,877	6,190,015	6,490,646	6,960,815
Women	3 11,126	3 37,845	3 56,303	85,338	3 140,565	282,942	480,802	600,953	805,953	1,307,230	3,258,459	5,887,022	7,348,545	8,300,578	8,967,172
Earned degrees conferred															
Associate, total															
Men															595,133
Women															238,109
Bachelor's, total ⁷	9,371	12,896	15,539	27,410	37,199	48,622	122,484	186,500	432,058	392,440	792,316	929,417	1,051,344	1,237,875	1,291,900
Men	7,993	10,411	12,857	22,173	28,762	31,980	73,615	109,546	328,841	254,063	451,097	473,611	491,696	530,367	549,816
Women	1,378	2,485	2,682	5,237	8,437	16,642	48,869	76,954	103,217	138,377	341,219	455,806	559,648	707,508	742,084
Master's, total ⁸	0	879	1,015	1,583	2,113	4,279	14,969	26,731	58,183	74,435	208,291	298,081	324,301	457,056	482,118
Men	0	868	821	1,280	1,555	2,985	8,925	16,508	41,220	50,898	125,624	150,749	153,653	191,792	199,120
Women	0	11	194	303	558	1,294	6,044	10,223	16,963	23,537	82,667	147,332	170,648	265,264	282,998
First-professional, total ⁷															
Men															80,698
Women															42,507
Doctor's, total	1	54	149	382	443	615	2,299	3,290	6,420	9,829	29,866	32,615	38,371	44,808	44,160
Men	1	51	147	359	399	522	1,946	2,861	5,804	8,801	25,890	22,943	24,401	25,028	23,708
Women	0	3	2	23	44	93	353	429	616	1,028	3,976	9,672	13,970	19,780	20,452
Finances, in thousands															
Current-fund revenue					76,883	199,922	554,511	715,211	2,374,645	5,785,537	21,515,242	58,519,982	139,635,477		
Educational and general income			21,464	35,084	67,917	172,929	483,065	571,288	1,833,845	4,688,352	16,486,177				
Current-fund expenditures							507,142	674,688	2,245,661	5,601,376	21,043,113	56,913,588	134,655,571		
Educational and general expenditures							377,903	521,990	1,706,444	4,685,258	16,845,212	44,542,843	105,585,076		
Value of physical property							2,065,049	9 2,753,780	4,799,964	13,548,548	42,093,580	83,733,387	164,635,000		
Market value of endowment funds															

—Not available.
¹Prior to 1979-80, excludes branch campuses.
²Total number of different individuals (not reduced to full-time equivalent). Beginning in 1959-60, data are for the first term of the academic year. Beginning in 1969-70, data include only instructional faculty with the rank of instructor or above.
³Estimated.
⁴Estimated number of senior instructional staff. Excludes graduate assistants.
⁵Because of revised survey procedures, data may not be directly comparable with figures prior to 1989-90.
⁶Data for 1869-70 to 1949-50 are for resident degree-credit students who enrolled at any time during the academic year.
⁷From 1869-70 to 1959-60, first-professional degrees are included under bachelor's degrees.
⁸Figures for years prior to 1969-70 are not precisely comparable with later data.
⁹Includes unexpended plant funds.
¹⁰Book value. Includes other nonexpendable funds.

NOTE: Data for 1869-70 to 1989-90 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States; Education Directory, Colleges and Universities; Faculty and Other Professional Staff in Institutions of Higher Education; Fall Enrollment in Colleges and Universities; Earned Degrees Conferred; Financial Statistics of Institutions of Higher Education; and Higher Education General Information Survey (HEGIS)*. "Fall Enrollment in Institutions of Higher Education," "Degrees and Other Formal Awards Conferred," and "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), Fall 2002 and Spring 2002 surveys. (This table was prepared September 2003.)

Table 174. Total fall enrollment in degree-granting institutions, by attendance status, sex of student, and control of institution: 1947 to 2001

Year	Total enrollment	Attendance status		Sex of student		Control of institution			
		Full-time	Part-time	Men	Women	Public	Private		
							Total	Not-for-profit	For-profit
1	2	3	4	5	6	7	8	9	10
Institutions of higher education ¹									
1947 ²	2,338,226	—	—	1,659,249	678,977	1,152,377	1,185,849	—	—
1948 ²	2,403,396	—	—	1,709,367	694,029	1,185,588	1,217,808	—	—
1949 ²	2,444,900	—	—	1,721,572	723,328	1,207,151	1,237,749	—	—
1950 ²	2,281,298	—	—	1,560,392	720,906	1,139,699	1,141,599	—	—
1951 ²	2,101,962	—	—	1,390,740	711,222	1,037,938	1,064,024	—	—
1952 ²	2,134,242	—	—	1,380,357	753,885	1,101,240	1,033,002	—	—
1953 ²	2,231,054	—	—	1,422,598	808,456	1,185,876	1,045,178	—	—
1954 ²	2,446,693	—	—	1,563,382	883,311	1,353,531	1,093,162	—	—
1955 ²	2,653,034	—	—	1,733,184	919,850	1,476,282	1,176,752	—	—
1956 ²	2,918,212	—	—	1,911,458	1,006,754	1,656,402	1,261,810	—	—
1957	3,323,783	—	—	2,170,765	1,153,018	1,972,673	1,351,110	—	—
1959	3,639,847	2,421,016	³ 1,218,831	2,332,617	1,307,230	2,180,982	1,458,865	—	—
1961	4,145,065	2,785,133	³ 1,359,932	2,585,821	1,559,244	2,561,447	1,583,618	—	—
1963	4,779,609	3,183,833	³ 1,595,776	2,961,540	1,818,069	3,081,279	1,698,330	—	—
1964	5,280,020	3,573,238	³ 1,706,782	3,248,713	2,031,307	3,467,708	2,095,720	1,812,312	—
1965	5,920,864	4,095,728	³ 1,825,136	3,630,020	2,290,844	3,969,596	1,951,268	—	—
1966	6,389,872	4,438,606	³ 1,951,266	3,856,216	2,533,656	4,348,917	2,040,955	—	—
1967	6,911,748	4,793,128	³ 2,118,620	4,132,800	2,778,948	4,816,028	2,095,720	—	—
1968	7,513,091	5,210,155	2,302,936	4,477,649	3,035,442	5,430,652	2,082,439	—	—
1969	8,004,660	5,498,883	2,505,777	4,746,201	3,258,459	5,896,868	2,107,792	—	—
1970	8,580,887	5,816,290	2,764,597	5,043,642	3,537,245	6,428,134	2,152,753	—	—
1971	8,948,644	6,077,232	2,871,412	5,207,004	3,741,640	6,804,309	2,144,335	—	—
1972	9,214,820	6,072,350	3,142,470	5,238,718	3,976,102	7,070,635	2,144,185	—	—
1973	9,602,123	6,189,493	3,412,630	5,371,052	4,231,071	7,419,516	2,182,607	—	—
1974	10,223,729	6,370,273	3,853,456	5,622,429	4,601,300	7,988,500	2,235,229	—	—
1975	11,184,859	6,841,334	4,343,525	6,148,997	5,035,862	8,834,508	2,350,351	—	—
1976	11,012,137	6,717,058	4,295,079	5,810,828	5,201,309	8,653,477	2,358,660	2,314,298	44,362
1977	11,285,787	6,792,925	4,492,862	5,789,016	5,496,771	8,846,993	2,386,652	2,386,652	52,142
1978	11,260,092	6,667,657	4,592,435	5,640,998	5,619,094	8,785,893	2,474,199	2,408,331	65,868
1979	11,569,899	6,794,039	4,775,860	5,682,877	5,887,022	9,036,822	2,533,077	2,461,773	71,304
1980	12,096,895	7,097,958	4,998,937	5,874,374	6,222,521	9,457,394	2,639,501	2,527,787	⁴ 111,714
1981	12,371,672	7,181,250	5,190,422	5,975,056	6,396,616	9,647,032	2,724,640	2,572,405	⁴ 152,235
1982	12,425,780	7,220,618	5,205,162	6,031,384	6,394,396	9,696,087	2,729,693	2,552,739	⁴ 176,954
1983	12,464,661	7,261,050	5,203,611	6,023,725	6,440,936	9,682,734	2,781,927	2,589,187	192,740
1984	12,241,940	7,098,388	5,143,552	5,863,574	6,378,366	9,477,370	2,764,570	2,574,419	190,151
1985	12,247,055	7,075,221	5,171,834	5,818,450	6,428,605	9,479,273	2,767,782	2,571,791	195,991
1986	12,503,511	7,119,550	5,383,961	5,884,515	6,618,996	9,713,893	2,789,618	2,572,479	⁵ 217,139
1987	12,766,642	7,231,085	5,535,557	5,932,056	6,834,586	9,973,254	2,793,388	2,602,350	⁵ 191,038
1988	13,055,337	7,436,768	5,618,569	6,001,896	7,053,441	10,161,388	2,893,949	2,673,567	220,382
1989	13,538,560	7,660,950	5,877,610	6,190,015	7,348,545	10,577,963	2,960,597	2,731,174	229,423
1990	13,818,637	7,820,985	5,997,652	6,283,909	7,534,728	10,844,717	2,973,920	2,760,227	213,693
1991	14,358,953	8,115,329	6,243,624	6,501,844	7,857,109	11,309,563	3,049,390	2,819,041	230,349
1992	14,487,359	8,162,118	6,325,241	6,523,989	7,963,370	11,384,567	3,102,792	2,872,523	230,269
1993	14,304,803	8,127,618	6,177,185	6,427,450	7,877,353	11,189,088	3,115,715	2,888,897	226,818
1994	14,278,790	8,137,776	6,141,014	6,371,898	7,906,892	11,133,680	3,145,110	2,910,107	235,003
1995	14,261,781	8,128,802	6,132,979	6,342,539	7,919,242	11,092,374	3,169,407	2,929,044	240,363
1996	14,300,255	8,213,490	6,086,765	6,343,992	7,956,263	11,090,171	3,210,084	2,940,557	269,527
1997	14,345,416	8,322,362	6,023,054	6,329,960	8,015,456	11,146,155	3,199,261	2,961,714	237,547
Degree-granting institutions ⁶									
1996	14,367,520	8,302,953	6,064,567	6,352,825	8,014,695	11,120,499	3,247,021	2,942,556	304,465
1997	14,502,334	8,438,062	6,064,272	6,396,028	8,106,306	11,196,119	3,306,215	2,977,614	328,601
1998	14,506,967	8,563,338	5,943,629	6,369,265	8,137,702	11,137,769	3,369,198	3,004,925	364,273
1999 ⁷	14,791,224	8,786,494	6,004,730	6,490,646	8,300,578	11,309,399	3,481,825	3,051,626	430,199
2000	15,312,289	9,009,600	6,302,689	6,721,769	8,590,520	11,752,786	3,559,503	3,109,419	450,084
2001	15,927,987	9,447,502	6,480,485	6,960,815	8,967,172	12,233,156	3,694,831	3,167,330	527,501

—Not available.
¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.
² Degree-credit enrollment only.
³ Includes part-time resident students and all extension students.
⁴ Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.
⁵ Because of imputation techniques, data are not consistent with figures for other years.
⁶ Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.
⁷ Data were imputed using alternative procedures. (See Guide to Sources for details.)
 NOTE: Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S.

Department of Education, or recognized directly by the Secretary of Education. As of 1996, the Department has been collecting data from Title IV participants. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States; Opening Fall Enrollment in Higher Education*, various years; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1966 through 1985; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 175. Total fall enrollment in degree-granting institutions, by control and type of institution: 1965 to 2001

Year	All institutions						Public institutions						Private institutions					
	Total	4-year			Total	2-year	Total	4-year			Total	2-year	Total	4-year			2-year	
		University	Other 4-year	Total				University	Other 4-year	Total				University	Other 4-year	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
Institutions of higher education¹																		
1965 ²	5,920,864	4,747,912	—	—	1,172,952	3,969,596	2,928,332	—	—	—	1,041,264	1,819,580	—	—	133,753			
1966 ²	6,389,872	5,063,902	—	—	1,325,970	4,348,917	3,159,748	—	—	—	1,189,169	2,040,955	—	—	136,801			
1967 ²	5,398,986	4,111,748	—	—	1,512,762	4,810,028	3,784,975	—	—	—	1,372,053	2,095,720	—	—	140,709			
1968 ²	7,513,091	5,720,795	—	—	1,792,296	5,430,652	4,166,474	—	—	—	1,646,474	1,936,617	—	—	145,822			
1969	8,004,660	5,937,127	—	—	2,067,533	5,898,868	3,962,522	—	—	—	1,934,346	1,974,605	—	—	133,187			
1970	8,580,887	6,261,502	—	—	2,319,385	6,428,134	4,232,722	—	—	—	2,195,412	2,028,780	—	—	123,973			
1971	8,948,644	6,369,355	—	—	2,579,289	6,804,309	4,346,990	—	—	—	2,457,319	2,022,365	—	—	121,970			
1972	9,214,820	6,458,634	—	—	2,756,186	7,070,635	4,429,696	—	—	—	2,640,939	2,028,838	—	—	115,247			
1973	9,602,123	6,590,023	—	—	3,012,100	7,419,516	4,529,895	—	—	—	2,889,621	2,060,128	—	—	122,479			
1974	10,223,729	6,819,735	—	—	3,403,994	7,988,500	4,703,018	—	—	—	3,285,482	2,235,229	—	—	118,512			
1975	11,184,859	7,214,740	2,838,266	4,376,474	3,970,119	8,834,508	4,998,142	2,124,221	2,873,921	3,836,366	2,350,351	2,216,598	714,045	1,502,553	133,753			
1976	11,012,137	7,128,816	2,780,289	4,348,527	3,883,321	8,653,477	4,901,691	2,079,929	2,821,762	3,751,786	2,358,660	2,227,125	700,360	1,526,765	131,535			
1977	11,265,787	7,242,845	2,793,418	4,449,427	4,042,942	8,846,993	4,945,224	2,070,032	2,875,192	3,901,769	2,438,794	2,297,621	723,386	1,574,235	141,173			
1978	11,260,092	7,231,625	2,780,729	4,451,222	4,028,467	8,785,899	4,912,203	2,062,295	2,849,908	3,736,690	2,474,199	2,319,422	718,434	1,601,314	154,777			
1979	11,569,899	7,353,233	2,839,582	4,513,651	4,216,666	9,036,822	4,980,012	2,099,525	2,880,487	4,056,810	2,533,077	2,373,221	740,057	1,633,164	159,856			
1980	12,096,895	7,570,608	2,902,014	4,668,594	4,526,286	9,457,394	5,128,612	2,154,263	2,974,329	4,328,782	2,639,501	2,441,936	747,731	1,694,265	197,505			
1981	12,371,672	7,655,461	2,901,344	4,754,117	4,716,211	9,647,032	5,166,324	2,152,474	3,013,850	4,480,708	2,724,640	2,489,137	748,870	1,740,267	235,503			
1982	12,425,780	7,654,074	2,883,735	4,770,339	4,771,706	9,696,087	5,176,434	2,152,547	3,023,887	4,519,653	2,729,693	2,477,640	731,188	1,746,452	252,053			
1983	12,464,661	7,741,195	2,888,813	4,852,382	4,723,466	9,682,734	5,223,404	2,154,790	3,068,614	4,459,330	2,781,927	2,517,791	734,023	1,783,768	264,136			
1984	12,241,940	7,711,167	2,840,329	4,840,838	4,530,773	9,477,370	5,198,273	2,138,621	3,059,652	4,279,097	2,764,570	2,512,894	731,708	1,781,186	261,676			
1985	12,247,055	7,715,978	2,870,692	4,845,286	4,531,077	9,479,273	5,209,540	2,141,112	3,068,428	4,269,733	2,767,782	2,506,438	729,580	1,776,858	261,344			
1986	12,503,512	7,829,563	2,897,207	4,932,356	4,679,548	9,713,548	5,300,202	2,160,646	3,139,556	4,413,691	2,789,618	2,523,721	736,561	1,787,200	265,857			
1987	12,766,642	7,900,420	2,929,327	5,061,093	4,776,222	9,773,254	5,432,200	2,283,834	3,146,178	4,541,054	2,793,388	2,558,220	741,319	1,816,901	235,168			
1988	13,055,337	8,180,182	2,978,593	5,201,589	4,875,155	10,161,388	5,545,901	2,229,868	3,316,033	4,615,487	2,893,949	2,634,281	748,725	1,885,566	259,668			
1989	13,538,560	8,387,671	3,019,115	5,368,556	5,150,889	10,577,963	5,694,303	2,286,056	3,428,247	4,883,666	2,960,597	2,693,368	753,059	1,940,309	267,229			
1990	13,818,637	8,578,554	3,044,670	5,533,884	5,240,083	10,844,717	5,848,242	2,290,464	3,557,778	4,996,475	2,973,920	2,730,312	754,206	1,976,106	243,608			
1991	14,358,953	8,707,053	3,065,429	5,641,624	5,651,900	11,309,563	6,004,748	2,301,222	3,703,526	5,404,815	3,030,390	2,802,305	764,207	2,038,098	247,085			
1992	14,487,359	8,764,969	3,050,345	5,714,624	5,722,390	11,384,567	6,000,012	2,283,834	3,716,178	5,484,555	3,102,792	2,864,562	766,511	2,098,446	237,835			
1993	14,304,803	8,738,936	3,022,728	5,716,208	5,565,867	11,189,088	5,851,760	2,259,692	3,592,068	5,337,328	3,115,715	2,887,176	763,036	2,124,140	228,539			
1994	14,278,790	8,749,080	3,009,072	5,740,008	5,529,710	11,133,680	5,825,213	2,244,636	3,580,577	5,308,467	3,145,110	2,923,867	764,436	2,159,431	221,243			
1995	14,261,781	8,769,252	2,999,641	5,769,611	5,492,529	11,092,374	5,814,545	2,235,939	3,578,606	5,277,829	3,169,407	2,954,707	763,702	2,191,005	214,700			
1996	14,300,255	8,802,835	2,984,965	5,817,870	5,497,420	11,090,171	5,806,904	2,226,529	3,580,375	5,283,267	3,210,084	2,995,931	758,436	2,237,495	214,153			
1997	14,345,416	8,874,676	2,995,886	5,878,790	5,470,740	11,146,155	5,834,525	2,231,273	3,603,252	5,311,630	3,199,261	3,040,151	764,613	2,275,538	159,110			
Degree-granting institutions³																		
1996	14,367,520	8,804,193	2,984,965	5,819,228	5,563,327	11,120,499	5,806,036	2,226,529	3,579,507	5,314,463	3,247,021	2,998,157	758,436	2,239,721	248,864			
1997	14,502,334	8,866,765	2,995,886	5,900,879	5,605,569	11,196,119	5,835,433	2,231,273	3,604,160	5,360,686	3,306,215	3,061,332	764,613	2,296,719	244,883			
1998	14,506,967	9,017,653	3,021,136	5,996,517	5,489,314	11,137,769	5,891,806	2,249,825	3,641,981	5,245,963	3,369,198	3,125,847	771,311	2,354,536	243,351			
1999 ⁴	14,791,224	9,198,525	3,044,369	6,154,156	5,592,699	11,309,399	5,969,950	2,266,494	3,703,456	5,339,449	3,481,825	3,228,575	777,875	2,450,700	253,250			
2000	15,312,289	9,363,858	3,061,812	6,302,046	5,948,431	11,752,786	6,055,398	2,280,122	3,775,276	5,697,388	3,559,503	3,308,460	781,690	2,526,770	251,043			
2001	15,927,987	9,677,408	3,126,902	6,550,501	6,250,579	12,233,156	6,236,455	2,336,922	3,899,533	5,996,701	3,694,831	3,440,953	789,985	2,650,968	253,878			

⁶Data were imputed using alternative procedures. (See Guide to Sources for details.)

¹Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.
²Data for 2-year branch campuses of 4-year institutions are included with the 4-year institutions.
³Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.
⁴Because of imputation techniques, data are not consistent with figures for other years.
⁵Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Opening Fall Enrollment in Higher Education, 1965*; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1966 through 1985; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 176. Total fall enrollment in degree-granting institutions, by attendance status, age, and sex: Selected years, 1970 to 2013

[In thousands]

Age and sex	1970 ¹	1975 ¹	1980 ¹	1990 ¹	1995 ¹	1998 ²	1999 ²	2000 ²	Projected ²			
									2002	2003	2010	2013
1	2	3	4	5	6	7	8	9	10	11	12	13
Men and women, total	8,581	11,185	12,097	13,819	14,262	14,507	14,791	15,312	16,102	16,361	17,541	18,151
14 to 17 years old	259	278	247	177	148	119	143	145	147	151	162	163
18 and 19 years old	2,600	2,786	2,901	2,950	2,894	3,382	3,414	3,531	3,580	3,631	4,002	3,921
20 and 21 years old	1,880	2,243	2,424	2,761	2,705	2,811	2,989	3,045	3,337	3,357	3,695	3,749
22 to 24 years old	1,457	1,753	1,989	2,144	2,411	2,377	2,435	2,617	2,888	3,014	3,231	3,511
25 to 29 years old	1,074	1,774	1,871	1,982	2,120	1,991	1,870	1,960	2,014	2,056	2,393	2,520
30 to 34 years old	487	967	1,243	1,322	1,236	1,195	1,145	1,265	1,204	1,304	1,326	1,471
35 years old and over	823	1,383	1,421	2,484	2,747	2,632	2,796	2,749	2,841	2,848	2,731	2,815
Men	5,044	6,149	5,874	6,284	6,343	6,369	6,491	6,722	7,008	7,098	7,561	7,734
14 to 17 years old	130	126	99	87	61	45	72	63	61	62	65	65
18 and 19 years old	1,349	1,397	1,375	1,421	1,338	1,535	1,541	1,583	1,624	1,637	1,780	1,733
20 and 21 years old	1,095	1,245	1,259	1,368	1,282	1,374	1,392	1,382	1,539	1,551	1,683	1,691
22 to 24 years old	964	1,047	1,064	1,107	1,153	1,127	1,090	1,293	1,355	1,405	1,490	1,601
25 to 29 years old	783	1,122	993	940	962	908	874	862	902	918	1,058	1,096
30 to 34 years old	308	557	576	537	561	463	517	527	535	536	541	591
35 years old and over	415	654	507	824	986	917	1,005	1,012	992	990	943	958
Women	3,537	5,036	6,223	7,535	7,919	8,138	8,301	8,591	9,095	9,263	9,980	10,416
14 to 17 years old	129	152	148	90	87	74	72	82	86	89	97	99
18 and 19 years old	1,250	1,389	1,526	1,529	1,557	1,847	1,874	1,948	1,956	1,994	2,222	2,188
20 and 21 years old	786	998	1,165	1,392	1,424	1,437	1,597	1,663	1,799	1,806	2,012	2,058
22 to 24 years old	493	706	925	1,037	1,258	1,250	1,344	1,324	1,533	1,609	1,741	1,910
25 to 29 years old	291	652	878	1,043	1,159	1,083	995	1,099	1,111	1,138	1,336	1,424
30 to 34 years old	179	410	667	784	675	732	627	738	760	768	785	880
35 years old and over	409	729	914	1,659	1,760	1,715	1,791	1,736	1,849	1,859	1,788	1,857
Full-time	5,816	6,841	7,098	7,821	8,129	8,563	8,786	9,010	9,590	9,774	10,681	11,029
14 to 17 years old	242	253	223	144	123	93	129	125	128	131	142	143
18 and 19 years old	2,406	2,619	2,669	2,548	2,387	2,794	2,848	2,932	2,968	3,015	3,330	3,274
20 and 21 years old	1,647	1,910	2,075	2,151	2,109	2,271	2,362	2,401	2,633	2,653	2,930	2,982
22 to 24 years old	881	924	1,121	1,350	1,517	1,564	1,662	1,653	1,894	1,978	2,127	2,325
25 to 29 years old	407	630	577	770	908	890	854	878	909	931	1,092	1,161
30 to 34 years old	100	264	251	387	430	367	338	422	440	444	456	512
35 years old and over	134	241	182	471	653	584	593	599	618	622	605	633
Men	3,505	3,927	3,689	3,808	3,807	3,934	4,026	4,111	4,419	4,484	4,822	4,928
14 to 17 years old	124	114	87	71	54	39	63	51	52	53	56	55
18 and 19 years old	1,265	1,329	1,270	1,230	1,091	1,240	1,271	1,250	1,326	1,337	1,454	1,420
20 and 21 years old	990	1,074	1,109	1,055	999	1,129	1,125	1,106	1,242	1,252	1,358	1,369
22 to 24 years old	650	633	665	742	789	777	788	839	932	966	1,023	1,104
25 to 29 years old	327	445	360	401	454	424	416	415	433	441	507	530
30 to 34 years old	72	181	124	156	183	141	149	199	199	199	200	221
35 years old and over	75	149	74	152	238	184	213	256	236	235	224	230
Women	2,311	2,915	3,409	4,013	4,321	4,630	4,761	4,899	5,172	5,290	5,860	6,101
14 to 17 years old	117	138	136	73	69	54	66	74	76	79	86	88
18 and 19 years old	1,140	1,290	1,399	1,318	1,296	1,555	1,577	1,682	1,643	1,677	1,876	1,854
20 and 21 years old	657	835	966	1,096	1,111	1,142	1,237	1,296	1,392	1,401	1,572	1,613
22 to 24 years old	231	291	456	608	729	787	875	814	962	1,011	1,104	1,221
25 to 29 years old	80	185	217	369	455	466	437	463	476	490	585	631
30 to 34 years old	28	83	127	231	247	226	190	227	241	245	256	291
35 years old and over	59	92	108	319	415	400	380	343	382	387	381	403
Part-time	2,765	4,344	4,999	5,998	6,133	5,944	6,005	6,303	6,512	6,587	6,860	7,122
14 to 17 years old	17	42	38	32	25	26	14	20	19	20	21	21
18 and 19 years old	194	340	418	402	507	588	566	599	612	616	672	647
20 and 21 years old	233	447	441	610	596	540	627	644	704	705	765	767
22 to 24 years old	576	717	844	794	894	813	772	964	994	1,036	1,104	1,186
25 to 29 years old	668	1,032	1,209	1,213	1,212	1,101	1,016	1,083	1,105	1,125	1,302	1,360
30 to 34 years old	388	670	905	935	805	828	806	843	855	859	870	959
35 years old and over	689	1,098	1,145	2,012	2,093	2,048	2,203	2,150	2,223	2,226	2,126	2,183
Men	1,540	2,222	2,185	2,476	2,535	2,436	2,465	2,611	2,589	2,614	2,739	2,806
14 to 17 years old	5	18	17	16	7	5	8	11	9	9	10	10
18 and 19 years old	84	153	202	191	246	296	269	333	298	300	326	313
20 and 21 years old	105	219	201	313	283	245	276	276	297	299	324	323
22 to 24 years old	314	358	392	365	365	350	302	454	422	438	468	497
25 to 29 years old	456	631	594	539	508	485	458	447	469	477	551	567
30 to 34 years old	236	361	397	381	378	322	369	332	337	337	340	370
35 years old and over	340	486	382	672	748	732	791	757	756	754	720	728
Women	1,225	2,121	2,814	3,521	3,598	3,508	3,540	3,692	3,923	3,972	4,120	4,316
14 to 17 years old	12	24	20	17	18	21	6	9	10	10	11	11
18 and 19 years old	110	188	215	211	261	292	297	266	314	316	345	334
20 and 21 years old	128	228	240	297	313	295	360	368	407	406	441	445
22 to 24 years old	262	359	452	429	529	470	510	571	597	597	636	689
25 to 29 years old	212	401	616	674	704	617	558	636	635	648	751	793
30 to 34 years old	151	309	507	554	427	506	438	511	519	522	529	589
35 years old and over	349	612	762	1,340	1,345	1,315	1,411	1,393	1,467	1,472	1,407	1,455

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

² Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: Distributions by age are estimates based on samples of the civilian noninstitutional population. Data for 1999 were imputed using alternative procedures. (See Guide to Sources for details.) Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 through 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys; *Projections of Education Statistics to 2013*; and U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Social and Economic Characteristics of Students," selected years. (This table was prepared November 2003.)

Table 177. Total fall enrollment in degree-granting institutions, by level, sex, age, and attendance status of student: 2001

Age of student and attendance status	All levels			Undergraduate			First-professional			Graduate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	15,927,987	6,960,815	8,967,172	13,715,610	6,004,431	7,711,179	308,647	160,666	147,981	1,903,730	795,718	1,108,012
Under 18	485,990	208,179	277,811	485,530	208,002	277,528	169	55	114	291	122	169
18 and 19	3,355,088	1,495,530	1,859,558	3,353,652	1,494,992	1,858,660	981	346	635	455	192	263
20 and 21	3,141,134	1,422,669	1,718,465	3,118,763	1,413,893	1,704,870	8,264	2,816	5,448	14,107	5,960	8,147
22 to 24	2,494,946	1,176,358	1,318,588	2,107,903	1,017,479	1,090,424	103,762	49,068	54,694	283,281	109,811	173,470
25 to 29	2,030,686	918,413	1,112,273	1,402,187	629,720	772,467	106,097	58,657	47,440	522,402	230,036	292,366
30 to 34	1,243,687	539,894	703,793	890,776	366,839	523,937	31,684	18,597	13,087	321,227	154,458	166,769
35 to 39	872,697	343,214	529,483	673,977	252,230	421,747	12,800	7,193	5,607	185,920	83,791	102,129
40 to 49	1,226,580	430,487	796,093	944,442	330,127	614,315	12,992	6,452	6,540	269,146	93,908	175,238
50 to 64	504,531	178,663	325,868	380,201	137,210	242,991	4,776	2,278	2,498	119,554	39,175	80,379
65 and over	84,420	33,045	51,375	78,655	30,374	48,281	210	121	89	5,555	2,550	3,005
Age unknown	488,228	214,363	273,865	279,524	123,565	155,959	26,912	15,083	11,829	181,792	75,715	106,077
Full-time	9,447,502	4,299,890	5,147,612	8,327,640	3,768,630	4,559,010	276,792	143,536	133,256	843,070	387,724	455,346
Under 18	136,452	56,654	79,798	136,173	56,542	79,631	166	54	112	113	58	55
18 and 19	2,868,674	1,273,224	1,595,450	2,867,445	1,272,765	1,594,680	974	342	632	255	117	138
20 and 21	2,537,991	1,155,150	1,382,841	2,518,302	1,147,320	1,370,982	8,173	2,785	5,388	11,516	5,045	6,471
22 to 24	1,620,769	795,804	824,965	1,323,528	667,759	655,769	100,960	47,761	53,199	196,281	80,284	115,997
25 to 29	957,933	462,880	495,053	591,967	278,127	313,840	97,780	54,178	43,602	268,186	130,575	137,611
30 to 34	443,457	200,850	242,607	289,489	117,686	171,803	25,742	15,145	10,597	128,226	68,019	60,207
35 to 39	252,588	99,707	152,881	184,201	65,679	118,522	9,221	5,127	4,094	59,166	28,901	30,265
40 to 49	293,763	106,561	187,202	217,791	76,612	141,179	8,139	3,963	4,176	67,833	25,986	41,847
50 to 64	85,905	32,460	53,445	58,181	22,024	36,157	2,685	1,269	1,416	25,039	9,167	15,872
65 and over	4,990	2,413	2,577	3,912	1,907	2,005	111	66	45	967	440	527
Age unknown	244,980	114,187	130,793	136,651	62,209	74,442	22,841	12,846	9,955	85,488	39,132	46,356
Part-time	6,480,485	2,660,925	3,819,560	5,387,970	2,235,801	3,152,169	31,855	17,130	14,725	1,060,660	407,994	652,666
Under 18	349,538	151,525	198,013	349,357	151,460	197,897	3	1	2	178	64	114
18 and 19	486,414	222,306	264,108	486,207	222,227	263,980	7	4	3	200	75	125
20 and 21	603,143	267,519	335,624	600,461	266,573	333,888	91	31	60	2,591	915	1,676
22 to 24	874,177	380,554	493,623	784,375	349,720	434,655	2,802	1,307	1,495	87,000	29,527	57,473
25 to 29	1,072,753	455,533	617,220	810,220	351,593	458,627	8,317	4,479	3,838	254,216	99,461	154,755
30 to 34	800,230	339,044	461,186	601,287	249,153	352,134	5,942	3,452	2,490	193,001	86,439	106,562
35 to 39	620,109	243,507	376,602	489,776	186,551	303,225	3,579	2,066	1,513	126,754	54,890	71,864
40 to 49	932,817	323,926	608,891	726,651	253,515	473,136	4,853	2,489	2,364	201,313	67,922	133,391
50 to 64	418,626	146,203	272,423	322,020	115,186	206,834	2,091	1,009	1,082	94,515	30,008	64,507
65 and over	79,430	30,632	48,798	74,743	28,467	46,276	99	55	44	4,588	2,110	2,478
Age unknown	243,248	100,176	143,072	142,873	61,356	81,517	4,071	2,237	1,834	96,304	36,583	59,721
Percentage distribution												
All students	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	3.1	3.0	3.1	3.5	3.5	3.6	0.1	#	0.1	#	#	#
18 and 19	21.1	21.5	20.7	24.5	24.9	24.1	0.3	0.2	0.4	#	#	#
20 and 21	19.7	20.4	19.2	22.7	23.5	22.1	2.7	1.8	3.7	0.7	0.7	0.7
22 to 24	15.7	16.9	14.7	15.4	16.9	14.1	33.6	30.5	37.0	14.9	13.8	15.7
25 to 29	12.7	13.2	12.4	10.2	10.5	10.0	34.4	36.5	32.1	27.4	28.9	26.4
30 to 34	7.8	7.8	7.8	6.5	6.1	6.8	10.3	11.6	8.8	16.9	19.4	15.1
35 to 39	5.5	4.9	5.9	4.9	4.2	5.5	4.1	4.5	3.8	9.8	10.5	9.2
40 to 49	7.7	6.2	8.9	6.9	5.5	8.0	4.2	4.0	4.4	14.1	11.8	15.8
50 to 64	3.2	2.6	3.6	2.8	2.3	3.2	1.5	1.4	1.7	6.3	4.9	7.3
65 and over	0.5	0.5	0.6	0.6	0.5	0.6	0.1	0.1	0.1	0.3	0.3	0.3
Age unknown	3.1	3.1	3.1	2.0	2.1	2.0	8.7	9.4	8.0	9.5	9.5	9.6
Full-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	1.4	1.3	1.6	1.6	1.5	1.7	0.1	#	0.1	#	#	#
18 and 19	30.4	29.6	31.0	34.4	33.8	35.0	0.4	0.2	0.5	#	#	#
20 and 21	26.9	26.9	26.9	30.2	30.4	30.1	3.0	1.9	4.0	1.4	1.3	1.4
22 to 24	17.2	18.5	16.0	15.9	17.7	14.4	36.5	33.3	39.9	23.3	20.7	25.5
25 to 29	10.1	10.8	9.6	7.1	7.4	6.9	35.3	37.7	32.7	31.8	33.7	30.2
30 to 34	4.7	4.7	4.7	3.5	3.1	3.8	9.3	10.6	8.0	15.2	17.5	13.2
35 to 39	2.7	2.3	3.0	2.2	1.7	2.6	3.3	3.6	3.1	7.0	7.5	6.6
40 to 49	3.1	2.5	3.6	2.6	2.0	3.1	2.9	2.8	3.1	8.0	6.7	9.2
50 to 64	0.9	0.8	1.0	0.7	0.6	0.8	1.0	0.9	1.1	3.0	2.4	3.5
65 and over	0.1	0.1	0.1	#	0.1	#	#	#	#	0.1	0.1	0.1
Age unknown	2.6	2.7	2.5	1.6	1.7	1.6	8.3	8.9	7.5	10.1	10.1	10.2
Part-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	5.4	5.7	5.2	6.5	6.8	6.3	#	#	#	#	#	#
18 and 19	7.5	8.4	6.9	9.0	9.9	8.4	#	#	#	#	#	#
20 and 21	9.3	10.1	8.8	11.1	11.9	10.6	0.3	0.2	0.4	0.2	0.2	0.3
22 to 24	13.5	14.3	12.9	14.6	15.6	13.8	8.8	7.6	10.2	8.2	7.2	8.8
25 to 29	16.6	17.1	16.2	15.0	15.7	14.5	26.1	26.1	26.1	24.0	24.4	23.7
30 to 34	12.3	12.7	12.1	11.2	11.1	11.2	18.7	20.2	16.9	18.2	21.2	16.3
35 to 39	9.6	9.2	9.9	9.1	8.3	9.6	11.2	12.1	10.3	12.0	13.5	11.0
40 to 49	14.4	12.2	15.9	13.5	11.3	15.0	15.2	14.5	16.1	19.0	16.6	20.4
50 to 64	6.5	5.5	7.1	6.0	5.2	6.6	6.6	5.9	7.3	8.9	7.4	9.9
65 and over	1.2	1.2	1.3	1.4	1.3	1.5	0.3	0.3	0.3	0.4	0.5	0.4
Age unknown	3.8	3.8	3.7	2.7	2.7	2.6	12.8	13.1	12.5	9.1	9.0	9.2

Rounds to zero.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002. (This table was prepared August 2003.)

NOTE: Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs. Totals may differ from figures reported in other tables because of varying survey methodologies. Detail may not sum to totals due to rounding.

Table 178. Total fall enrollment in degree-granting institutions, by type and control of institution, and age and attendance status of student: 2001

Age of student and attendance status	All institutions			Public institutions			Private (not-for-profit and for-profit) institutions			Private not-for-profit institutions only		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	15,927,987	9,677,408	6,250,579	12,233,156	6,236,455	5,996,701	3,694,831	3,440,953	253,878	3,167,330	3,119,781	47,549
Under 18	485,990	147,208	338,782	423,494	90,760	332,734	62,496	56,448	6,048	52,960	51,736	1,224
18 and 19	3,355,088	2,107,527	1,247,561	2,598,215	1,398,433	1,199,782	756,873	709,094	47,779	688,490	677,855	10,635
20 and 21	3,141,134	2,144,377	996,757	2,408,471	1,454,687	953,784	732,663	689,690	42,973	666,465	658,653	7,812
22 to 24	2,494,946	1,690,400	804,546	1,978,299	1,213,677	764,622	516,647	476,723	39,924	447,760	441,620	6,140
25 to 29	2,030,686	1,260,546	770,140	1,531,910	801,293	730,617	498,776	459,253	39,523	412,228	406,714	5,514
30 to 34	1,243,687	696,003	547,684	939,792	414,676	525,116	303,895	281,327	22,568	244,427	240,757	3,670
35 to 39	872,697	440,763	431,934	667,902	250,540	417,362	204,795	190,223	14,572	163,797	161,123	2,674
40 to 49	1,226,580	603,421	623,159	951,545	343,695	607,850	275,035	259,726	15,309	226,819	223,642	3,177
50 to 64	504,531	222,929	281,602	408,844	131,525	277,319	95,687	91,404	4,283	83,075	81,966	1,109
65 and over	84,420	15,431	68,989	78,648	10,038	68,610	5,772	5,393	379	5,192	5,055	137
Age unknown	488,228	348,803	139,425	246,036	127,131	118,905	242,192	221,672	20,520	176,117	170,660	5,457
Full-time	9,447,502	7,073,011	2,374,491	6,687,705	4,532,209	2,155,496	2,759,797	2,540,802	218,995	2,322,260	2,285,510	36,750
Under 18	136,452	78,385	58,067	95,822	42,793	53,029	40,630	35,592	5,038	31,972	31,381	591
18 and 19	2,868,674	2,021,358	847,316	2,132,088	1,330,022	802,066	736,586	691,336	45,250	673,052	663,139	9,913
20 and 21	2,537,991	1,995,828	542,163	1,839,838	1,336,704	503,134	698,153	659,124	39,029	640,028	633,290	6,738
22 to 24	1,620,769	1,320,383	300,386	1,204,072	938,497	265,575	416,697	381,886	34,811	359,856	355,034	4,822
25 to 29	957,933	729,636	228,297	641,555	446,510	195,045	316,378	283,126	33,252	247,489	243,548	3,941
30 to 34	443,457	312,979	130,478	285,597	173,334	112,263	157,860	139,645	18,215	111,752	109,468	2,284
35 to 39	252,588	166,274	86,314	158,443	83,599	74,844	94,145	82,675	11,470	62,672	61,141	1,531
40 to 49	293,763	190,711	103,052	181,097	89,622	91,475	112,666	101,089	11,577	75,883	74,301	1,582
50 to 64	85,905	55,222	30,683	51,956	24,499	27,457	33,949	30,723	3,226	24,451	23,918	533
65 and over	4,990	2,529	2,461	3,205	1,059	2,146	1,785	1,470	315	1,327	1,230	97
Age unknown	244,980	199,706	45,274	94,032	65,570	28,462	150,948	134,136	16,812	93,778	89,060	4,718
Part-time	6,480,485	2,604,397	3,876,088	5,545,451	1,704,246	3,841,205	935,034	900,151	34,883	845,070	834,271	10,799
Under 18	349,538	68,823	280,715	327,672	47,967	279,705	21,866	20,856	1,010	20,988	20,355	633
18 and 19	486,414	86,169	400,245	466,127	68,411	397,716	20,287	17,758	2,529	15,438	14,716	722
20 and 21	603,143	148,549	454,594	568,633	117,983	450,650	34,510	30,566	3,944	26,437	25,363	1,074
22 to 24	874,177	370,017	504,160	774,227	275,180	499,047	99,950	94,837	5,113	87,904	86,586	1,318
25 to 29	1,072,753	530,910	541,843	890,355	354,783	535,572	182,398	176,127	6,271	164,739	163,166	1,573
30 to 34	800,230	383,024	417,206	654,195	241,342	412,853	146,035	141,682	4,353	132,675	131,289	1,386
35 to 39	620,109	274,489	345,620	509,459	166,941	342,518	110,650	107,548	3,102	101,125	99,982	1,143
40 to 49	932,817	412,710	520,107	770,448	254,073	516,375	162,369	158,637	3,732	150,936	149,341	1,595
50 to 64	418,626	167,707	250,919	356,888	107,026	249,862	61,738	60,681	1,057	58,624	58,048	576
65 and over	79,430	12,902	66,528	75,443	8,979	66,464	3,987	3,923	64	3,865	3,825	40
Age unknown	243,248	149,097	94,151	152,004	61,561	90,443	91,244	87,536	3,708	82,339	81,600	739
Percentage distribution												
All students	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	3.1	1.5	5.4	3.5	1.5	5.5	1.7	1.6	2.4	1.7	1.7	2.6
18 and 19	21.1	21.8	20.0	21.2	22.4	20.0	20.5	20.6	18.8	21.7	21.7	22.4
20 and 21	19.7	22.2	15.9	19.7	23.3	15.9	19.8	20.0	16.9	21.0	21.1	16.4
22 to 24	15.7	17.5	12.9	16.2	19.5	12.8	14.0	13.9	15.7	14.1	14.2	12.9
25 to 29	12.7	13.0	12.3	12.5	12.8	12.2	13.5	13.3	15.6	13.0	13.0	11.6
30 to 34	7.8	7.2	8.8	7.7	6.6	8.8	8.2	8.2	8.9	7.7	7.7	7.7
35 to 39	5.5	4.6	6.9	5.5	4.0	7.0	5.5	5.5	5.7	5.2	5.2	5.6
40 to 49	7.7	6.2	10.0	7.8	5.5	10.1	7.4	7.5	6.0	7.2	7.2	6.7
50 to 64	3.2	2.3	4.5	3.3	2.1	4.6	2.6	2.7	1.7	2.6	2.6	2.3
65 and over	0.5	0.2	1.1	0.6	0.2	1.1	0.2	0.2	0.1	0.2	0.2	0.3
Age unknown	3.1	3.6	2.2	2.0	2.0	2.0	6.6	6.4	8.1	5.6	5.5	11.5
Full-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	1.4	1.1	2.4	1.4	0.9	2.5	1.5	1.4	2.3	1.4	1.4	1.6
18 and 19	30.4	28.6	35.7	31.9	29.3	37.2	26.7	27.2	20.7	29.0	29.0	27.0
20 and 21	26.9	28.2	22.8	27.5	29.5	23.3	25.3	25.9	17.8	27.6	27.7	18.3
22 to 24	17.2	18.7	12.7	18.0	20.7	12.3	15.1	15.0	15.9	15.5	15.5	13.1
25 to 29	10.1	10.3	9.6	9.6	9.9	9.0	11.5	11.1	15.2	10.7	10.7	10.7
30 to 34	4.7	4.4	5.5	4.3	3.8	5.2	5.7	5.5	8.3	4.8	4.8	6.2
35 to 39	2.7	2.4	3.6	2.4	1.8	3.5	3.4	3.3	5.2	2.7	2.7	4.2
40 to 49	3.1	2.7	4.3	2.7	2.0	4.2	4.1	4.0	5.3	3.3	3.3	4.3
50 to 64	0.9	0.8	1.3	0.8	0.5	1.3	1.2	1.2	1.5	1.1	1.0	1.5
65 and over	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.2
Age unknown	2.6	2.8	1.9	1.4	1.4	1.3	5.5	5.3	7.7	4.0	3.9	12.8
Part-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	5.4	2.6	7.2	5.9	2.8	7.3	2.3	2.3	2.9	2.5	2.4	5.9
18 and 19	7.5	3.3	10.3	8.4	4.0	10.4	2.2	2.0	7.2	1.8	1.8	6.7
20 and 21	9.3	5.7	11.7	10.3	6.9	11.7	3.7	3.4	11.3	3.1	3.0	9.9
22 to 24	13.5	14.2	13.0	14.0	16.1	13.0	10.7	10.5	14.7	10.4	10.4	12.2
25 to 29	16.6	20.4	14.0	16.1	20.8	13.9	19.5	19.6	18.0	19.5	19.6	14.6
30 to 34	12.3	14.7	10.8	11.8	14.2	10.7	15.6	15.7	12.5	15.7	15.7	12.8
35 to 39	9.6	10.5	8.9	9.2	9.8	8.9	11.8	11.9	8.9	12.0	12.0	10.6
40 to 49	14.4	15.8	13.4	13.9	14.9	13.4	17.4	17.6	10.7	17.9	17.9	14.8
50 to 64	6.5	6.4	6.5	6.4	6.3	6.5	6.6	6.7	3.0	6.9	7.0	5.3
65 and over	1.2	0.5	1.7	1.4	0.5	1.7	0.4	0.4	0.2	0.5	0.5	0.4
Age unknown	3.8	5.7	2.4	2.7	3.6	2.4	9.8	9.7	10.6	9.7	9.8	6.8

NOTE: Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs. Totals may differ from figures reported in other tables because of varying survey methodologies. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002. (This table was prepared August 2003.)

Table 179. Total fall enrollment in degree-granting institutions, by level of enrollment, sex, attendance status, and type and control of institution: 2001

Attendance status and type and control of institution	Total			Undergraduate			First-professional			Graduate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	15,927,987	6,960,815	8,967,172	13,715,610	6,004,431	7,711,179	308,647	160,666	147,981	1,903,730	795,718	1,108,012
Full-time	9,447,502	4,299,890	5,147,612	8,327,640	3,768,630	4,559,010	276,792	143,536	133,256	843,070	387,724	455,346
Part-time	6,480,485	2,660,925	3,819,560	5,387,970	2,235,801	3,152,169	31,855	17,130	14,725	1,060,660	407,994	652,666
Total 4-year	9,677,408	4,285,615	5,391,793	7,465,081	3,329,238	4,135,843	308,647	160,666	147,981	1,903,680	795,711	1,107,969
Full-time	7,073,011	3,233,608	3,839,403	5,953,150	2,702,349	3,250,801	276,792	143,536	133,256	843,069	387,723	455,346
Part-time	2,604,397	1,052,007	1,552,390	1,511,931	626,889	885,042	31,855	17,130	14,725	1,060,611	407,988	652,623
Total 2-year	6,250,579	2,675,200	3,575,379	6,250,529	2,675,193	3,575,336	†	†	†	50	7	43
Full-time	2,374,491	1,066,282	1,308,209	2,374,490	1,066,281	1,308,209	†	†	†	1	1	0
Part-time	3,876,088	1,608,918	2,267,170	3,876,039	1,608,912	2,267,127	†	†	†	49	6	43
Public, total	12,233,156	5,327,611	6,905,545	10,985,871	4,804,014	6,181,857	127,806	63,566	64,240	1,119,479	460,031	659,448
Full-time	6,687,705	3,043,734	3,643,971	6,092,282	2,762,843	3,329,439	122,102	60,762	61,340	473,321	220,129	253,192
Part-time	5,545,451	2,283,877	3,261,574	4,893,589	2,041,171	2,852,418	5,704	2,804	2,900	646,158	239,902	406,256
Public 4-year	6,236,455	2,769,582	3,466,873	4,989,220	2,245,992	2,743,228	127,806	63,566	64,240	1,119,429	460,024	659,405
Full-time	4,532,209	2,082,146	2,450,063	3,936,787	1,801,256	2,135,531	122,102	60,762	61,340	473,320	220,128	253,192
Part-time	1,704,246	687,436	1,016,810	1,052,433	444,736	607,697	5,704	2,804	2,900	646,109	239,896	406,213
Public 2-year	5,996,701	2,558,029	3,438,672	5,996,651	2,558,022	3,438,629	†	†	†	50	7	43
Full-time	2,155,496	961,588	1,193,908	2,155,495	961,587	1,193,908	†	†	†	1	1	0
Part-time	3,841,205	1,596,441	2,244,764	3,841,156	1,596,435	2,244,721	†	†	†	49	6	43
Private, total	3,694,831	1,633,204	2,061,627	2,729,739	1,200,417	1,529,322	180,841	97,100	83,741	784,251	335,687	448,564
Full-time	2,759,797	1,256,156	1,503,641	2,235,358	1,005,787	1,229,571	154,690	82,774	71,916	369,749	167,595	202,154
Part-time	935,034	377,048	557,986	494,381	194,630	299,751	26,151	14,326	11,825	414,502	168,092	246,410
Private 4-year	3,440,953	1,516,033	1,924,920	2,475,861	1,083,246	1,392,615	180,841	97,100	83,741	784,251	335,687	448,564
Full-time	2,540,802	1,151,462	1,389,340	2,016,363	901,093	1,115,270	154,690	82,774	71,916	369,749	167,595	202,154
Part-time	900,151	364,571	535,580	459,498	182,153	277,345	26,151	14,326	11,825	414,502	168,092	246,410
Private 2-year	253,878	117,171	136,707	253,878	117,171	136,707	†	†	†	†	†	†
Full-time	218,995	104,694	114,301	218,995	104,694	114,301	†	†	†	†	†	†
Part-time	34,883	12,477	22,406	34,883	12,477	22,406	†	†	†	†	†	†
Not-for-profit, total	3,167,330	1,368,784	1,798,546	2,257,718	961,088	1,296,630	179,784	96,574	83,210	729,828	311,122	418,706
Full-time	2,322,260	1,033,599	1,288,661	1,840,981	802,699	1,038,282	154,095	82,499	71,596	327,184	148,401	178,783
Part-time	845,070	335,185	509,885	416,737	158,389	258,348	25,689	14,075	11,614	402,644	162,721	239,923
Not-for-profit 4-year	3,119,781	1,347,279	1,772,502	2,210,169	939,583	1,270,586	179,784	96,574	83,210	729,828	311,122	418,706
Full-time	2,285,510	1,015,634	1,269,876	1,804,231	784,734	1,019,497	154,095	82,499	71,596	327,184	148,401	178,783
Part-time	834,271	331,645	502,626	405,938	154,849	251,089	25,689	14,075	11,614	402,644	162,721	239,923
Not-for-profit 2-year	47,549	21,505	26,044	47,549	21,505	26,044	†	†	†	†	†	†
Full-time	36,750	17,965	18,785	36,750	17,965	18,785	†	†	†	†	†	†
Part-time	10,799	3,540	7,259	10,799	3,540	7,259	†	†	†	†	†	†
For-profit, total	527,501	264,420	263,081	472,021	239,329	232,692	1,057	526	531	54,423	24,565	29,858
Full-time	437,537	222,557	214,980	394,377	203,088	191,289	595	275	320	42,565	19,194	23,371
Part-time	89,964	41,863	48,101	77,644	36,241	41,403	462	251	211	11,858	5,371	6,487
For-profit 4-year	321,172	168,754	152,418	265,692	143,663	122,029	1,057	526	531	54,423	24,565	29,858
Full-time	255,292	135,828	119,464	212,132	116,359	95,773	595	275	320	42,565	19,194	23,371
Part-time	65,880	32,926	32,954	53,560	27,304	26,256	462	251	211	11,858	5,371	6,487
For-profit 2-year	206,329	95,666	110,663	206,329	95,666	110,663	†	†	†	†	†	†
Full-time	182,245	86,729	95,516	182,245	86,729	95,516	†	†	†	†	†	†
Part-time	24,084	8,937	15,147	24,084	8,937	15,147	†	†	†	†	†	†

† Not applicable.

NOTE: Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002. (This table was prepared August 2003.)

Table 180. Total fall enrollment in degree-granting institutions, by level of enrollment, sex, attendance status, and type and control of institution: 2000

Attendance status and type and control of institution	Total			Undergraduate			First-professional			Graduate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	15,312,289	6,721,769	8,590,520	13,155,393	5,778,268	7,377,125	306,625	163,885	142,740	1,850,271	779,616	1,070,655
Full-time	9,009,600	4,111,093	4,898,507	7,922,926	3,588,246	4,334,680	273,571	145,397	128,174	813,103	377,450	435,653
Part-time	6,302,689	2,610,676	3,692,013	5,232,467	2,190,022	3,042,445	33,054	18,488	14,566	1,037,168	402,166	635,002
Total 4-year	9,363,858	4,163,169	5,200,689	7,207,289	3,219,748	3,987,541	306,625	163,885	142,740	1,849,944	779,536	1,070,408
Full-time	6,792,551	3,115,252	3,677,299	5,705,882	2,592,407	3,113,475	273,571	145,397	128,174	813,098	377,448	435,650
Part-time	2,571,307	1,047,917	1,523,390	1,501,407	627,341	874,066	33,054	18,488	14,566	1,036,846	402,088	634,758
Total 2-year	5,948,431	2,558,600	3,389,831	5,948,104	2,558,520	3,389,584	†	†	†	327	80	247
Full-time	2,217,049	995,841	1,221,208	2,217,044	995,839	1,221,205	†	†	†	5	2	3
Part-time	3,731,382	1,562,759	2,168,623	3,731,060	1,562,681	2,168,379	†	†	†	322	78	244
Public, total	11,752,786	5,132,407	6,620,379	10,539,322	4,622,098	5,917,224	124,114	63,137	60,977	1,089,350	447,172	642,178
Full-time	6,371,226	2,899,900	3,471,326	5,796,867	2,627,210	3,169,657	118,006	60,098	57,908	456,353	212,592	243,761
Part-time	5,381,560	2,232,507	3,149,053	4,742,455	1,994,888	2,747,567	6,108	3,039	3,069	632,997	234,580	398,417
Public 4-year	6,055,398	2,691,718	3,363,680	4,842,261	2,181,489	2,660,772	124,114	63,137	60,977	1,089,023	447,092	641,931
Full-time	4,371,218	2,008,618	2,362,600	3,796,864	1,735,930	2,060,934	118,006	60,098	57,908	456,348	212,590	243,758
Part-time	1,684,180	683,100	1,001,080	1,045,397	445,559	599,838	6,108	3,039	3,069	632,675	234,502	398,173
Public 2-year	5,697,388	2,440,689	3,256,699	5,697,061	2,440,609	3,256,452	†	†	†	327	80	247
Full-time	2,000,008	891,282	1,108,726	2,000,003	891,280	1,108,723	†	†	†	5	2	3
Part-time	3,697,380	1,549,407	2,147,973	3,697,058	1,549,329	2,147,729	†	†	†	322	78	244
Private, total	3,559,503	1,589,362	1,970,141	2,616,071	1,156,170	1,459,901	182,511	100,748	81,763	760,921	332,444	428,477
Full-time	2,638,374	1,211,193	1,427,181	2,126,059	961,036	1,165,023	155,565	85,299	70,266	356,750	164,858	191,892
Part-time	821,129	378,169	542,960	490,012	195,134	294,878	26,946	15,449	11,497	404,171	167,586	236,585
Private 4-year	3,308,460	1,471,451	1,837,009	2,365,028	1,038,259	1,326,769	182,511	100,748	81,763	760,921	332,444	428,477
Full-time	2,421,333	1,106,634	1,314,699	1,909,018	856,477	1,052,541	155,565	85,299	70,266	356,750	164,858	191,892
Part-time	887,127	364,817	522,310	456,010	181,782	274,228	26,946	15,449	11,497	404,171	167,586	236,585
Private 2-year	251,043	117,911	133,132	251,043	117,911	133,132	†	†	†	†	†	†
Full-time	217,041	104,559	112,482	217,041	104,559	112,482	†	†	†	†	†	†
Part-time	34,002	13,352	20,650	34,002	13,352	20,650	†	†	†	†	†	†
Not-for-profit, total	3,109,419	1,355,376	1,754,043	2,213,180	945,483	1,267,697	180,868	99,843	81,025	715,371	310,050	405,321
Full-time	2,272,698	1,018,063	1,254,635	1,794,516	785,043	1,009,473	154,680	84,815	69,865	323,502	148,205	175,297
Part-time	836,721	337,313	499,408	418,664	160,440	258,224	26,188	15,028	11,160	391,869	161,845	230,024
Not-for-profit 4-year	3,050,575	1,328,927	1,721,648	2,154,336	919,034	1,235,302	180,868	99,843	81,025	715,371	310,050	405,321
Full-time	2,226,028	996,113	1,229,915	1,747,846	763,093	984,753	154,680	84,815	69,865	323,502	148,205	175,297
Part-time	824,547	332,814	491,733	406,490	155,941	250,549	26,188	15,028	11,160	391,869	161,845	230,024
Not-for-profit 2-year	58,844	26,449	32,395	58,844	26,449	32,395	†	†	†	†	†	†
Full-time	46,670	21,950	24,720	46,670	21,950	24,720	†	†	†	†	†	†
Part-time	12,174	4,499	7,675	12,174	4,499	7,675	†	†	†	†	†	†
For-profit, total	450,084	233,986	216,098	402,891	210,687	192,204	1,643	905	738	45,550	22,394	23,156
Full-time	365,676	193,130	172,546	331,543	175,993	155,550	885	484	401	33,248	16,653	16,595
Part-time	84,408	40,856	43,552	71,348	34,694	36,654	758	421	337	12,302	5,741	6,561
For-profit 4-year	257,885	142,524	115,361	210,692	119,225	91,467	1,643	905	738	45,550	22,394	23,156
Full-time	195,305	110,521	84,784	161,172	93,384	67,788	885	484	401	33,248	16,653	16,595
Part-time	62,580	32,003	30,577	49,520	25,841	23,679	758	421	337	12,302	5,741	6,561
For-profit 2-year	192,199	91,462	100,737	192,199	91,462	100,737	†	†	†	†	†	†
Full-time	170,371	82,609	87,762	170,371	82,609	87,762	†	†	†	†	†	†
Part-time	21,828	8,853	12,975	21,828	8,853	12,975	†	†	†	†	†	†

† Not applicable.

NOTE: Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001. (This table was prepared May 2002.)

Table 181. Total fall enrollment in degree-granting institutions, by attendance status, sex of student, and type and control of institutions: Selected years, 1970 to 2001

Attendance status, sex, and type and control	Institutions of higher education						Degree-granting institutions					
	1970	1975	1980 ¹	1985	1990	1995	1996	1997	1998	1999 ²	2000	2001
	1	2	3	4	5	6	7	8	9	10	11	12
Total	8,580,887	11,184,859	12,096,895	12,247,055	13,818,637	14,261,781	14,367,520	14,502,334	14,506,967	14,791,224	15,312,289	15,927,987
Full-time	5,816,290	6,841,334	7,097,958	7,075,221	7,820,985	8,128,802	8,302,953	8,438,062	8,563,338	8,786,494	9,009,600	9,447,502
Men	3,504,095	3,926,753	3,689,244	3,607,720	3,807,752	3,807,392	3,851,208	3,890,442	3,933,653	4,025,721	4,111,093	4,299,890
Women	2,312,195	2,914,581	3,408,714	3,467,501	4,013,233	4,321,410	4,451,745	4,547,620	4,629,685	4,760,773	4,898,507	5,147,612
Part-time	2,764,597	4,343,525	4,998,937	5,171,834	5,997,652	6,132,979	6,064,567	6,064,272	5,943,629	6,004,730	6,302,689	6,480,485
Men	1,539,547	2,222,244	2,185,130	2,210,730	2,476,157	2,535,147	2,501,617	2,505,586	2,435,612	2,604,925	2,610,676	2,660,925
Women	1,225,050	2,121,281	2,813,807	2,961,104	3,521,495	3,597,832	3,562,950	3,558,686	3,508,017	3,399,805	3,692,013	3,819,560
4-year, total	6,261,502	7,214,740	7,570,608	7,715,978	8,578,554	8,769,252	8,804,193	8,896,765	9,017,653	9,198,525	9,363,858	9,677,408
Full-time	4,587,379	5,080,256	5,344,163	5,384,614	5,937,023	6,151,755	6,230,648	6,342,891	6,477,432	6,642,033	6,792,551	7,073,011
Men	2,732,796	2,891,192	2,809,528	2,781,412	2,926,360	2,929,177	2,934,736	2,959,048	2,997,232	3,056,957	3,115,252	3,233,608
Women	1,854,583	2,189,064	2,534,635	2,603,202	3,010,663	3,222,578	3,295,912	3,383,843	3,480,200	3,585,076	3,677,299	3,839,403
Part-time	1,674,123	2,134,484	2,226,445	2,331,364	2,641,531	2,617,497	2,573,545	2,553,874	2,540,221	2,556,492	2,611,307	2,604,397
Men	936,189	1,092,461	1,017,813	1,034,804	1,124,780	1,084,753	1,059,175	1,047,269	1,038,699	1,046,340	1,047,917	1,052,007
Women	737,934	1,042,023	1,208,632	1,296,560	1,516,751	1,532,744	1,514,370	1,506,605	1,501,522	1,510,152	1,523,390	1,552,390
Public 4-year	4,232,722	4,998,142	5,128,612	5,209,540	5,848,242	5,814,545	5,806,036	5,835,433	5,891,806	5,969,950	6,055,398	6,236,455
Full-time	3,086,491	3,469,821	3,592,193	3,623,341	4,033,654	4,084,711	4,106,453	4,164,759	4,218,990	4,292,863	4,371,218	4,532,209
Men	1,813,584	1,947,823	1,873,397	1,863,689	1,982,369	1,951,140	1,943,259	1,951,171	1,959,198	1,983,766	2,008,618	2,082,146
Women	1,272,907	1,521,998	1,718,796	1,759,652	2,051,285	2,133,571	2,163,194	2,213,588	2,259,792	2,309,097	2,362,600	2,450,063
Part-time	1,146,231	1,528,321	1,536,419	1,586,199	1,814,588	1,729,834	1,699,583	1,670,674	1,672,816	1,677,087	1,684,180	1,704,246
Men	609,422	760,469	685,051	693,115	764,248	720,402	703,078	686,997	685,205	685,863	683,100	687,436
Women	536,808	767,852	851,368	893,084	1,050,432	1,009,432	996,505	983,677	987,611	991,224	1,001,080	1,016,810
Private 4-year	2,028,780	2,216,598	2,441,996	2,506,438	2,730,312	2,954,707	2,998,157	3,061,332	3,125,847	3,228,575	3,308,460	3,440,953
Full-time	1,500,888	1,610,435	1,751,970	1,761,273	1,903,369	2,067,044	2,124,195	2,178,132	2,258,442	2,349,170	2,421,333	2,540,802
Men	919,212	943,369	936,131	917,723	943,991	978,037	991,477	1,007,877	1,038,034	1,073,191	1,106,634	1,151,462
Women	581,676	667,066	815,839	843,550	959,378	1,089,007	1,132,718	1,170,255	1,220,408	1,275,979	1,314,699	1,389,340
Part-time	527,892	606,163	690,026	745,165	826,943	887,663	873,962	883,200	867,405	879,405	887,127	900,151
Men	326,767	331,984	332,762	341,689	364,532	364,351	356,097	360,272	353,494	360,477	364,817	364,571
Women	201,125	274,171	357,264	403,476	466,411	523,312	517,865	522,928	513,911	518,928	522,310	535,580
Not-for-profit	—	—	2,413,693	2,463,000	2,671,069	2,853,890	2,867,181	2,905,820	2,939,055	2,989,285	3,050,575	3,119,781
Full-time	—	—	1,733,014	1,727,707	1,859,124	1,989,457	2,021,570	2,056,019	2,111,274	2,160,126	2,226,028	2,285,510
Men	—	—	921,253	894,080	915,100	931,956	934,474	939,532	957,212	972,280	996,113	1,015,634
Women	—	—	811,761	833,627	944,024	1,057,501	1,087,096	1,116,487	1,154,062	1,187,846	1,229,915	1,269,876
Part-time	—	—	680,679	735,293	811,945	864,433	845,611	849,801	827,781	829,159	824,547	834,271
Men	—	—	327,986	336,168	352,106	351,874	341,460	343,344	333,576	335,443	332,814	331,645
Women	—	—	352,693	399,125	459,839	512,559	504,151	506,457	494,205	493,716	491,733	502,626
2-year, total	2,319,385	3,970,119	4,526,287	4,531,077	5,240,083	5,492,529	5,563,327	5,605,569	5,489,314	5,592,699	5,948,431	6,250,579
Full-time	1,228,911	1,761,078	1,753,795	1,690,607	1,883,962	1,977,047	2,072,305	2,095,171	2,085,906	2,144,461	2,217,049	2,374,491
Men	771,299	1,035,561	879,716	826,308	881,392	878,215	916,472	931,394	936,421	968,764	995,841	1,066,282
Women	457,612	725,517	874,079	864,299	1,002,570	1,098,832	1,155,833	1,163,777	1,149,485	1,175,697	1,221,208	1,308,209
Part-time	1,090,474	2,209,041	2,772,492	2,840,470	3,356,121	3,515,482	3,491,022	3,510,398	3,403,408	3,448,238	3,731,382	3,876,088
Men	603,358	1,129,783	1,167,317	1,175,926	1,351,377	1,450,394	1,442,442	1,458,317	1,396,913	1,418,585	1,562,759	1,608,918
Women	487,116	1,079,258	1,605,175	1,664,544	2,004,744	2,065,088	2,048,580	2,052,081	2,006,495	2,029,653	2,168,623	2,267,170
Public 2-year	2,195,412	3,836,366	4,328,782	4,269,733	4,996,475	5,277,829	5,314,463	5,360,686	5,245,963	5,339,449	5,697,388	5,996,701
Full-time	1,129,165	1,662,621	1,595,493	1,496,905	1,716,843	1,804,590	1,872,014	1,891,027	1,881,826	1,931,251	2,000,008	2,155,496
Men	720,440	988,701	811,871	742,673	810,664	818,605	832,839	842,082	841,435	867,867	891,282	961,588
Women	408,725	673,920	783,622	754,232	906,179	985,915	1,039,175	1,048,945	1,040,391	1,063,384	1,108,726	1,193,908
Part-time	1,066,247	2,173,745	2,733,289	2,772,828	3,279,632	3,437,239	3,442,449	3,469,659	3,364,137	3,408,198	3,697,380	3,841,205
Men	589,439	1,107,680	1,152,268	1,138,011	1,317,730	1,417,488	1,423,277	1,443,937	1,382,860	1,403,685	1,549,407	1,596,441
Women	476,808	1,066,065	1,581,021	1,634,817	1,961,902	2,019,751	2,019,172	2,025,722	1,981,277	2,004,513	2,147,973	2,244,764
Private 2-year	123,973	133,753	197,505	261,344	243,608	214,700	248,864	244,883	243,351	253,250	251,043	253,878
Full-time	99,746	98,457	158,302	193,702	167,119	136,457	200,291	204,144	204,080	213,210	217,041	218,995
Men	50,859	46,860	67,845	83,635	70,728	59,610	83,633	89,312	94,986	100,897	104,559	104,694
Women	48,887	51,597	90,457	110,067	96,391	76,847	116,658	114,832	109,094	112,313	112,482	114,301
Part-time	24,227	35,296	39,203	67,642	76,489	78,243	48,573	40,739	39,271	40,040	34,002	34,883
Men	13,919	22,103	15,049	37,915	33,647	32,906	19,165	14,380	14,053	14,900	13,352	12,477
Women	10,308	13,193	24,154	29,727	42,842	45,337	29,408	26,359	25,218	25,140	20,650	22,406
Not-for-profit	—	—	114,094	108,791	89,158	75,154	75,375	71,794	65,870	62,341	58,844	47,549
Full-time	—	—	83,009	76,547	62,003	54,033	56,434	55,153	50,884	47,275	46,670	36,750
Men	—	—	34,968	30,878	25,946	23,265	24,064	24,367	23,384	21,536	21,950	17,965
Women	—	—	48,041	45,669	36,057	30,768	32,370	30,786	27,500	25,739	24,720	18,785
Part-time	—	—	31,085	32,244	27,155	21,121	18,941	16,641	14,986	15,066	12,174	10,799
Men	—	—	11,445	10,786	7,970	6,080	5,337	5,175	4,568	4,818	4,499	3,540
Women	—	—	19,640	21,458	19,185	15,041	13,604	11,466	10,418	10,248	7,675	7,259

—Not available.

¹ Large increase in private 2-year institutions in 1980 is due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

² Data were imputed using alternative procedures. (See Guide to Sources for details.)

NOTE: Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The Department of Education no longer distinguishes between those institutions and other insti-

tutions that participated in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award

Table 182. Fall enrollment and number of degree-granting institutions, by control and affiliation of institution: Selected years, 1980 to 2001

Affiliation ¹	Enrollment in institutions of higher education ²			Enrollment in degree-granting institutions ³										Number of higher education institutions ⁴			Number of degree-granting institutions ⁴		
	Total, fall 1980	Total, fall 1990	Total, fall 1995	Total, fall 1996	Total, fall 1999	Total, fall 2000	Fall 2001			Part-time			Fall 1990	Fall 1999	Fall 2000	Fall 2001			
							Total	Full-time		Men	Women	Men					Women		
								Men	Women									Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
All institutions	12,096,895	13,818,637	14,261,781	14,506,967	14,791,224	15,312,289	15,927,987	4,299,890	5,147,612	2,660,925	3,819,560	3,226	3,501	3,958	4,056	4,074			
Public institutions	9,457,394	10,844,717	11,092,374	11,137,769	11,309,399	11,752,786	12,233,156	3,043,734	3,643,971	2,283,877	3,261,574	1,493	1,548	1,646	1,676	1,688			
Federal	50,989	50,669	90,046	17,122	16,218	16,917	18,827	13,464	3,938	381	1,044	12	17	9	12	14			
State	(5) 7,181,380	7,842,782	8,100,171	8,302,641	8,302,641	9,548,090	9,915,082	2,645,046	3,172,022	1,682,089	2,415,925	(5) 978	1,191	1,355	1,363	1,363			
Local	(5) 3,508,941	3,023,723	2,887,670	2,887,670	2,847,100	2,078,090	2,160,205	347,702	421,272	580,180	811,051	(5) 523	397	277	276	276			
Other public	9,406,405	103,727	135,823	132,806	143,440	109,689	139,042	37,522	46,739	21,227	33,554	1,481	30	49	32	35			
Private institutions	2,639,501	2,973,920	3,169,407	3,369,198	3,481,825	3,559,503	3,694,831	1,256,156	1,503,641	377,048	557,986	1,733	1,953	2,312	2,380	2,386			
Independent not-for-profit	1,521,614	1,474,818	1,511,151	1,520,918	1,550,568	1,577,242	1,615,647	544,787	628,701	185,566	256,593	795	709	725	729	756			
For-profit	111,714	213,693	240,363	364,273	430,199	450,084	527,501	222,557	214,980	41,863	48,101	164	322	674	724	750			
Religiously affiliated	1,006,173	1,285,409	1,417,893	1,484,007	1,501,058	1,532,177	1,551,683	488,812	659,960	149,619	253,292	774	922	913	927	880			
Advent Christian Church	143	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—			
African Methodist Episcopal Zion Church	1,091	88	—	—	—	34	34	24	7	—	—	3	1	—	—	1			
African Methodist Episcopal	4,541	3,220	3,503	5,783	5,942	5,980	7,268	3,080	3,718	210	280	6	5	7	6	6			
American Baptist	6,131	10,800	11,394	12,871	12,146	15,410	16,277	4,302	5,999	1,784	4,192	11	15	13	17	17			
American Evangelical Lutheran Church	—	—	779	4,826	788	743	713	323	242	54	94	—	—	—	1	1			
American Lutheran and Lutheran Church in America	3,092	—	1,304	1,512	1,547	1,460	1,473	596	670	85	122	3	—	1	1	1			
American Lutheran	21,608	—	10,459	9,750	9,971	10,687	12,045	4,680	5,437	985	943	13	10	8	—	—			
Assemblies of God Church	7,814	8,307	9,652	10,321	10,687	14,272	12,045	4,680	5,437	985	943	10	11	12	14	15			
Baptist	38,231	99,510	105,802	106,456	106,123	107,610	111,087	38,288	50,516	9,200	13,083	33	69	66	68	67			
Brethren Church	3,925	958	1,456	1,793	1,855	2,088	8,690	2,399	3,035	1,339	1,917	3	3	3	3	4			
Brethren in Christ Church	1,301	2,239	2,416	2,697	2,735	2,797	2,807	654	889	228	1,036	1	1	1	1	2			
Christian and Missionary Alliance Church	1,705	2,519	3,723	4,608	4,758	5,278	5,408	1,847	2,656	400	505	3	4	4	4	4			
Christian Church (Disciples of Christ)	14,913	30,397	33,029	35,638	35,377	35,984	35,984	10,816	15,618	3,619	5,928	12	18	17	16	16			
Christian Churches and Churches of Christ	1,342	2,263	3,484	4,820	4,977	7,277	8,357	3,244	3,453	870	790	7	8	13	18	19			
Christian Methodist Episcopal	2,486	2,174	2,598	1,390	1,453	1,502	2,823	1,124	1,124	72	116	4	4	4	1	3			
Christian Reformed Church	5,408	4,488	4,205	4,394	4,534	5,999	5,992	2,515	3,039	204	234	3	2	2	3	3			
Church of Christ (Scientist)	2,773	2,557	4,320	4,651	4,708	—	—	—	—	—	—	6	8	5	—	—			
Church of God of Prophecy	—	249	—	—	—	—	—	—	—	—	—	—	—	1	—	—			
Church of God	6,082	5,627	4,410	7,761	7,824	12,540	13,071	4,360	5,669	1,359	1,683	9	9	6	7	7			
Church of New Jerusalem	170	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—			
Church of the Brethren	8,482	4,463	2,812	2,847	2,933	4,187	4,363	1,698	2,406	112	147	6	5	3	4	4			
Church of the Nazarene	11,716	10,779	14,466	15,863	16,472	16,661	17,554	6,103	7,821	1,335	2,295	10	9	12	12	12			
Churches of Christ	9,343	14,611	22,807	24,455	25,171	30,140	30,797	10,680	12,690	3,408	4,019	9	19	16	19	19			
Cumberland Presbyterian	594	746	799	966	1,039	1,112	1,250	491	465	132	162	2	2	2	2	2			
Evangelical Congregational Church	80	88	65	138	158	148	151	11	5	100	35	1	1	1	1	1			
Evangelical Covenant Church of America	1,401	1,035	1,745	2,154	2,198	2,387	2,327	565	835	306	621	1	1	1	1	1			
Evangelical Free Church of America	833	2,355	3,778	3,985	4,301	4,022	3,422	1,470	1,257	415	280	1	2	3	3	3			
Evangelical Lutheran Church	743	49,210	39,089	39,657	39,687	49,085	45,755	17,094	23,415	1,980	3,266	3	33	27	34	33			
Free Methodist	5,543	5,902	8,686	9,123	9,281	7,323	7,705	2,257	3,942	544	962	5	3	5	4	4			
Free Will Baptist Church	1,132	1,177	1,467	2,022	2,254	2,378	2,438	954	1,014	225	245	4	3	3	4	4			
Friends United Meeting	1,109	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—			
Friends	5,157	5,844	6,800	10,165	11,216	10,898	11,030	3,916	4,754	951	1,409	5	6	7	8	7			
General Conference Mennonite Church	820	1,243	1,046	1,000	1,015	1,059	1,050	407	547	31	65	2	2	1	1	1			
Greek Orthodox	204	148	168	146	146	132	114	25	25	1	1	1	1	1	1	1			
Interdenominational	1,254	11,103	5,571	4,275	5,314	9,788	13,394	5,051	6,238	1,238	867	4	17	8	14	17			

See notes at end of table.

Table 182. Fall enrollment and number of degree-granting institutions, by control and affiliation of institution: Selected years, 1980 to 2001—Continued

Affiliation ¹	Enrollment in institutions of higher education ²			Enrollment in degree-granting institutions ³							Number of higher education institutions ⁴			Number of degree-granting institutions ⁴			
	Total, fall 1980	Total, fall 1990	Total, fall 1995	Total, fall 1996	Total, fall 1999	Total, fall 2000	Fall 2001			Men	Women	Total	Fall 1980	Fall 1990	Fall 1999	Fall 2000	Fall 2001
							Men	Women	Part-time								
1	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	
Private institutions—Continued																	
Religiously affiliated—Continued																	
Jewish	5,738	12,217	11,481	13,362	14,122	14,182	9,111	845	538	738		24	63	63	62	31	
Latter-Day Saints	39,172	42,274	40,086	43,916	44,425	44,680	19,017	21,003	2,705	2,549		4	4	4	4	4	
Lutheran Church—Missouri Synod	11,727	13,827	11,315	13,162	13,203	18,866	6,633	8,904	1,359	2,702		15	14	9	13	13	
Lutheran Church in America	23,877	5,796	4,321	4,374	4,493	4,322	7,947	3,665	770	1,127		20	5	3	2	3	
Mennonite Brethren Church	1,344	1,864	2,269	2,379	2,359	2,390	595	984	409	767		3	3	3	3	3	
Mennonite Church	4,008	2,859	3,502	3,481	3,501	3,553	1,252	1,607	233	330		6	5	5	5	5	
Missionary Church Inc.	487	699	1,352	1,627	1,640	1,647	1,660	432	183	343		1	1	1	1	1	
Moravian Church	2,434	2,511	2,804	2,847	2,880	2,939	550	1,479	738	738		2	2	2	2	2	
Multiple Protestant Denominations	5,526	211	164	7,897	8,025	4,690	966	1,162	1,232	996		8	1	9	7	6	
North American Baptist	155	—	186	128	132	124	46	30	25	18		1	—	1	1	1	
Pentecostal Holiness Church	767	566	1,002	1,728	1,681	976	434	447	43	47		3	3	4	2	2	
Presbyterian U.S.A. and United Presbyterian	47,144	77,700	70,357	72,677	74,008	78,950	30,050	40,563	3,872	7,024		57	70	60	64	65	
Presbyterian Church in America	—	1,877	3,809	2,200	2,299	4,499	1,215	1,215	698	293		—	1	2	5	4	
Protestant Episcopal	5,396	4,559	4,603	5,530	5,562	5,479	1,714	1,714	170	300		12	9	12	12	9	
Protestant, other	4,072	38,136	60,386	55,058	55,579	30,116	6,994	10,287	2,401	2,864		11	44	59	34	29	
Reformed Church in America	2,713	5,525	5,582	5,482	5,631	6,002	2,274	3,371	216	244		4	4	4	5	5	
Reformed Episcopal Church	67	—	—	—	—	—	—	—	—	—		1	—	—	—	—	
Reformed Presbyterian Church	2,014	1,556	1,771	2,065	2,209	2,355	788	1,039	190	209		4	2	2	2	2	
Reorganized Latter-Day Saints Church	4,274	4,793	11,063	12,758	11,814	3,390	—	—	—	—		2	1	2	2	2	
Roman Catholic	422,842	530,585	594,464	618,014	630,365	649,782	173,698	256,753	75,131	144,200		229	239	240	239	237	
Russian Orthodox	47	38	32	—	106	89	74	6	8	1		1	1	—	1	1	
Seventh-Day Adventists	19,168	15,771	17,519	18,530	18,779	19,223	19,783	6,770	1,592	2,542		11	11	11	12	13	
Southern Baptist	85,281	49,493	46,042	51,026	51,113	54,275	47,806	17,436	7,045	10,482		54	29	29	32	24	
Nondenominational	—	6,758	18,729	16,597	20,101	23,573	24,756	7,210	4,221	3,917		—	14	15	16	16	
Unitarian Universalist	87	82	126	157	135	132	29	69	10	35		2	2	2	2	2	
United Brethren Church	545	601	721	897	904	938	338	479	87	85		1	1	1	1	1	
United Church of Christ	14,169	20,175	24,013	23,313	24,136	23,709	7,239	10,080	1,941	3,503		16	18	19	18	17	
United Methodist	127,099	148,851	148,091	151,591	152,960	171,109	61,110	80,307	12,440	20,718		91	96	90	100	99	
Wesleyan Church	3,583	5,311	7,734	9,033	9,806	11,128	4,214	6,775	459	896		5	4	3	4	4	
Wisconsin Evangelical Lutheran Synod	808	931	1,165	1,365	1,463	1,660	757	936	35	48		1	3	2	2	2	
Other religiously affiliated	462	5,743	11,551	6,746	1,123	2,534	902	1,471	182	295		1	9	5	4	4	

—Not available.
¹Religious affiliation as reported by institution.
²Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.
³Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.
⁴Because data are derived from the "Fall Enrollment" survey, counts of institutions may differ from counts in other tables.
⁵Included under "Other public."

NOTE: Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The Department of Education no longer distinguishes between those institutions and other institutions that participated in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees. Data for 1999 were imputed using alternative procedures. (See Guide to Sources for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" and "Institutional Characteristics" 1980 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Institutional Characteristics" surveys, 1990 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 183. Total first-time freshmen enrolled in degree-granting institutions, by attendance status, sex of student, and type and control of institution: Fall 1955 to fall 2001

[In thousands]

Year	Total, all freshmen	Full-time	Part-time	Men			Women			Type of institution, by control			
				Total	Full-time	Part-time	Total	Full-time	Part-time	4-year		2-year	
										Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Institutions of higher education													
1955 ¹	670	—	—	416	—	—	254	—	—	2 283	2 247	2 117	2 23
1956 ¹	718	—	—	443	—	—	275	—	—	2 293	2 262	2 137	2 25
1957 ¹	724	—	—	442	—	—	282	—	—	2 294	2 263	2 141	2 27
1958 ¹	775	—	—	465	—	—	310	—	—	2 328	2 272	2 146	2 29
1959 ¹	822	—	—	488	—	—	334	—	—	2 348	2 292	2 153	2 28
1960 ¹	923	—	—	540	—	—	384	—	—	2 396	2 313	2 182	2 32
1961 ¹	1,018	—	—	592	—	—	426	—	—	2 438	2 336	2 210	2 34
1962 ¹	1,031	—	—	598	—	—	432	—	—	2 445	2 325	2 225	2 36
1963 ¹	1,046	—	—	604	—	—	442	—	—	—	—	—	—
1964 ¹	1,225	—	—	702	—	—	523	—	—	2 539	2 363	2 275	2 47
1965 ¹	1,442	—	—	829	—	—	613	—	—	2 642	2 399	2 348	2 53
1966	1,554	—	—	890	—	—	665	—	—	2 626	2 383	2 478	2 67
1967	1,641	1,336	305	931	761	170	710	574	136	2 645	2 368	2 561	2 67
1968	1,893	1,471	422	1,082	847	235	810	624	187	2 725	2 378	2 718	2 72
1969	1,967	1,525	442	1,118	876	242	849	649	200	2 737	2 393	2 776	2 61
1970	2,063	1,587	476	1,152	896	256	911	691	221	2 754	2 397	2 854	2 58
1971	2,119	1,606	513	1,171	896	275	949	710	238	2 738	2 386	2 937	2 58
1972	2,153	1,574	579	1,158	858	299	995	716	279	680	381	1,037	55
1973	2,226	1,607	619	1,182	867	315	1,044	740	304	699	379	1,089	59
1974	2,366	1,673	692	1,244	896	348	1,122	777	345	746	386	1,176	58
1975	2,515	1,763	752	1,328	942	386	1,187	821	366	772	395	1,284	64
1976	2,347	1,662	685	1,170	855	316	1,177	808	369	717	414	1,153	63
1977	2,394	1,681	714	1,156	840	316	1,239	841	398	737	405	1,186	67
1978	2,390	1,651	739	1,142	817	324	1,248	834	414	737	407	1,174	73
1979	2,503	1,707	796	1,180	840	340	1,323	866	457	760	415	1,254	74
1980	2,588	1,750	838	1,219	862	357	1,369	887	481	765	418	1,314	91
1981	2,595	1,738	858	1,218	852	366	1,378	886	492	754	419	1,318	104
1982	2,505	1,689	817	1,199	837	362	1,306	851	455	731	404	1,254	116
1983	2,444	1,678	766	1,159	825	334	1,285	853	431	728	404	1,190	122
1984	2,357	1,613	744	1,112	786	326	1,245	827	418	714	403	1,130	110
1985	2,292	1,602	690	1,076	775	301	1,216	827	389	717	399	1,060	116
1986	2,219	1,589	630	1,047	769	278	1,173	821	352	720	392	991	³ 117
1987	2,246	1,627	620	1,047	779	267	1,200	847	352	758	405	980	104
1988	2,379	1,699	680	1,100	807	293	1,279	892	387	783	426	1,049	121
1989	2,341	1,657	684	1,095	791	303	1,246	865	381	762	414	1,049	³ 116
1990	2,257	1,617	640	1,045	771	274	1,211	846	366	727	400	1,041	⁴ 88
1991	2,278	1,653	625	1,068	798	270	1,209	855	355	718	393	1,070	⁴ 97
1992	2,184	1,604	580	1,013	760	253	1,171	843	328	697	408	993	⁴ 85
1993	2,161	1,608	552	1,008	762	245	1,153	846	307	702	411	974	⁴ 74
1994	2,133	1,603	530	985	751	233	1,149	852	297	709	406	952	⁴ 66
1995	2,169	1,647	522	1,001	767	234	1,168	880	288	732	419	955	⁴ 63
1996	2,193	1,674	519	1,014	779	234	1,180	895	285	741	426	968	⁴ 58
1997	2,147	1,681	466	992	781	211	1,155	900	255	755	438	897	⁴ 57
Degree-granting institutions													
1996	2,274	1,740	534	1,047	806	241	1,228	934	294	741	427	990	⁴ 116
1997	2,219	1,734	486	1,026	806	220	1,193	927	266	755	442	924	⁴ 98
1998	2,213	1,775	437	1,023	826	197	1,190	950	240	793	461	858	⁴ 100
1999 ⁵	2,352	1,845	507	1,092	863	228	1,260	982	278	819	474	952	⁴ 107
2000	2,428	1,918	509	1,124	894	230	1,304	1,024	280	842	499	952	⁴ 135
2001	2,497	1,989	508	1,153	926	226	1,344	1,063	281	867	508	989	⁴ 134

—Not available.

¹ Excludes first-time freshmen in occupational programs not creditable towards a bachelor's degree.² Data for 2-year branches of 4-year college systems are aggregated with the 4-year institutions.³ Because of imputation techniques, data are not consistent with figures for other years.⁴ Data are not comparable with pre-1990 figures because of a change in reporting procedures.⁵ Data were imputed using alternative procedures. (See Guide to Sources for details.)

NOTE: Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The Department of Education no longer distinguishes between those institutions and other institutions that participated in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some ad-

ditional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Alaska and Hawaii are included in all years. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States; Opening Fall Enrollment in Higher Education*, various years; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1966 through 1985; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared September 2003.)

Table 184. Total first-time freshmen enrolled in degree-granting institutions, by attendance status, sex, control of institution, and state or jurisdiction: Fall 1996 to fall 2001

State or jurisdiction	Total, fall 1996	Total, fall 1997	Total, fall 1998	Total, fall 1999	Total, fall 2000	Degree-granting institutions, fall 2001								
						Total	Full-time			Part-time			Public institutions	Private institutions
							Total	Men	Women	Total	Men	Women		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	2,274,319	2,219,255	2,212,593	2,351,932	2,427,551	2,497,078	1,989,179	926,393	1,062,786	507,899	226,444	281,455	1,855,345	641,733
Alabama	37,185	37,511	37,821	39,013	43,411	43,674	36,769	16,514	20,255	6,905	3,232	3,673	36,315	7,359
Alaska	1,946	2,404	2,511	2,217	2,432	2,585	2,073	910	1,163	512	218	294	2,410	175
Arizona	40,724	38,936	41,253	38,235	46,646	42,725	33,918	17,092	16,826	8,807	4,332	4,475	28,555	14,170
Arkansas	20,633	20,030	20,865	21,474	22,695	22,030	19,160	8,286	10,874	2,870	1,196	1,674	18,845	3,185
California	289,519	210,363	213,243	284,667	246,128	264,689	184,655	84,977	99,678	80,034	38,645	41,389	210,390	54,299
Colorado	34,377	34,871	37,992	38,080	43,201	42,834	33,079	16,467	16,612	9,755	4,634	5,121	33,588	9,246
Connecticut	21,177	20,796	21,970	23,173	24,212	24,688	20,986	9,618	11,368	3,702	1,389	2,313	15,139	9,549
Delaware	7,854	8,079	7,812	8,292	7,636	8,509	6,583	2,893	3,690	1,926	659	1,267	7,003	1,506
District of Columbia	8,645	8,256	8,843	8,878	9,150	10,825	8,699	3,623	5,076	2,126	819	1,307	1,320	9,505
Florida	78,146	87,159	90,794	91,068	109,931	121,508	87,628	41,103	46,525	33,880	14,348	19,532	91,859	29,649
Georgia	53,725	51,905	53,673	56,139	67,616	67,134	52,169	23,622	28,547	14,965	6,522	8,443	53,360	13,774
Hawaii	9,726	10,150	9,519	8,957	8,931	9,560	7,344	3,321	4,023	2,216	980	1,236	6,857	2,703
Idaho	10,915	10,837	11,078	11,202	10,669	11,498	9,827	4,589	5,238	1,671	749	922	8,739	2,759
Illinois	106,383	107,579	108,933	110,246	107,592	107,995	78,316	36,947	41,369	29,679	13,612	16,067	78,498	29,497
Indiana	53,257	53,433	55,003	56,960	59,320	65,582	52,099	24,280	27,819	13,483	5,767	7,716	47,387	18,195
Iowa	39,938	38,985	37,709	40,071	39,564	41,141	32,402	16,000	16,402	8,739	3,924	4,815	31,333	9,808
Kansas	28,055	27,056	27,313	29,809	31,424	32,670	23,533	11,682	11,851	9,137	4,532	4,605	29,607	3,063
Kentucky	29,318	29,222	30,299	30,831	34,140	36,579	31,363	13,928	17,435	5,216	2,391	2,825	28,006	8,573
Louisiana	39,710	38,727	40,654	41,212	45,383	47,167	37,829	16,037	21,792	9,338	5,134	4,204	39,297	7,870
Maine	8,455	8,226	8,643	8,983	9,231	9,768	8,669	4,152	4,517	1,099	368	731	6,333	3,435
Maryland	33,198	33,875	35,545	39,082	35,552	38,548	28,672	13,005	15,667	9,876	4,063	5,813	32,049	6,499
Massachusetts	62,804	62,493	63,300	65,051	66,044	66,774	57,867	26,489	31,378	8,907	3,398	5,509	31,339	35,435
Michigan	76,367	77,755	80,293	83,746	84,998	89,327	67,614	31,058	36,556	21,713	9,141	12,572	72,947	16,380
Minnesota	54,288	44,926	45,399	59,964	63,893	64,361	48,310	23,458	24,852	16,051	6,922	9,129	50,512	13,849
Mississippi	27,669	28,393	28,775	28,657	30,356	32,406	28,698	12,267	16,431	3,708	1,397	2,311	30,566	1,840
Missouri	41,639	41,417	44,320	45,975	48,639	48,446	41,978	19,175	22,803	6,468	2,832	3,636	32,003	16,443
Montana	8,248	8,047	7,904	8,012	7,771	7,786	6,967	3,487	3,480	819	404	415	6,770	1,016
Nebraska	18,053	18,075	17,648	19,970	19,280	16,607	8,018	8,589	2,673	1,100	1,573	1,488	14,684	4,596
Nevada	7,572	10,113	11,312	9,758	10,490	11,052	7,925	3,045	4,880	3,127	1,365	1,762	8,629	2,423
New Hampshire	10,872	11,039	10,505	11,168	13,143	12,553	10,742	4,961	5,781	1,811	724	1,087	6,748	5,805
New Jersey	45,927	47,327	48,577	53,197	52,233	53,797	44,577	20,841	23,736	9,220	3,880	5,340	43,291	10,506
New Mexico	14,141	15,102	15,391	14,996	15,261	15,785	12,308	5,458	6,850	3,477	1,463	2,014	13,988	1,797
New York	153,439	154,024	157,476	162,406	168,181	167,849	153,213	70,499	82,714	14,636	5,914	8,722	94,555	73,294
North Carolina	53,826	61,065	66,609	67,381	69,343	74,731	58,520	26,205	32,315	16,211	7,133	9,078	60,037	14,694
North Dakota	8,684	7,936	8,293	8,620	8,929	9,332	8,013	4,326	3,687	1,319	570	749	8,412	920
Ohio	95,202	92,730	96,062	93,898	98,823	95,580	81,413	38,063	43,350	14,167	5,972	8,195	67,582	27,998
Oklahoma	28,701	29,411	32,009	34,028	35,094	36,552	27,991	13,466	14,525	8,561	3,527	5,034	31,428	5,124
Oregon	22,598	22,450	22,523	24,530	26,946	27,119	20,666	9,817	10,849	6,453	3,040	3,413	22,407	4,712
Pennsylvania	110,785	111,864	112,170	119,899	125,578	127,255	108,854	52,365	56,489	18,401	7,356	11,045	71,172	56,083
Rhode Island	12,643	13,848	14,372	14,071	13,789	14,421	12,956	6,073	6,883	1,465	549	916	6,206	8,215
South Carolina	30,719	31,187	32,026	31,517	32,353	34,503	28,240	12,328	15,912	6,263	2,468	3,795	27,909	6,594
South Dakota	8,352	7,783	8,504	9,542	8,597	8,588	7,688	3,670	4,018	900	372	528	7,044	1,544
Tennessee	37,384	38,262	38,626	39,410	43,327	43,411	39,158	17,746	21,412	4,253	1,834	2,419	29,123	14,288
Texas	141,837	145,218	157,878	163,120	181,813	178,185	128,108	61,454	66,654	50,077	23,586	26,491	150,383	27,802
Utah	26,841	28,101	25,893	25,695	24,953	28,211	21,145	9,556	11,589	7,066	3,811	3,255	19,131	9,080
Vermont	6,702	7,169	6,812	6,914	6,810	6,941	6,140	3,073	3,067	801	284	517	3,881	3,060
Virginia	47,360	48,385	51,131	50,830	52,661	51,416	46,001	20,502	25,499	5,415	2,354	3,061	37,938	13,478
Washington	86,677	96,017	32,910	33,484	36,287	38,417	33,341	15,873	17,468	5,076	2,237	2,839	31,183	7,234
West Virginia	16,717	15,356	16,164	15,797	15,659	16,136	14,883	6,975	7,908	1,253	515	738	13,152	2,984
Wisconsin	50,285	50,925	49,859	54,017	53,662	55,800	44,504	20,669	23,835	11,296	4,649	6,647	47,630	8,170
Wyoming	4,458	4,695	4,421	3,912	4,209	5,310	4,934	3,076	1,858	376	133	243	3,760	1,550
U.S. Service Schools	10,643	9,742	3,958	3,788	3,818	4,045	4,045	3,354	691	†	†	†	4,045	†
Outlying areas	37,312	36,163	34,572	36,540	39,609	38,182	35,413	15,361	20,052	2,769	1,291	1,478	17,805	20,377
American Samoa	954	954	435	723	297	440	274	129	145	166	70	96	440	†
Federated States of Micronesia	417	365	366	616	786	1,002	854	376	478	148	80	68	1,002	†
Guam	484	616	562	607	770	729	465	202	263	264	126	138	729	†
Marshall Islands	121	159	190	236	199	220	212	103	109	8	6	2	220	†
Northern Marianas	113	163	117	333	333	178	51	25	26	127	46	81	178	†
Palau	109	83	140	115	147	147	134	64	70	13	5	8	147	†
Puerto Rico	34,781	33,522	32,448	33,489	36,773	34,908	32,912	14,149	18,763	1,996	945	1,051	14,797	20,111
Virgin Islands	333	301	314	421	304	558	511	313	198	47	13	34	292	266

† Not applicable.

NOTE: Data for 1999 were imputed using alternative procedures. (See Guide to Sources for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall Enrollment surveys, 1996 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared September 2003.)

Table 185. College enrollment and enrollment rates of recent high school completers, by race/ethnicity: 1960 to 2001

[Numbers in thousands]

Year	High school completers ¹				Enrolled in college ²									
	Total	White, non-Hispanic	Black, non-Hispanic ³	Hispanic ³	Total		White, non-Hispanic		Black, non-Hispanic ³		Hispanic ³			
					Number	Percent	Number	Percent	Number	Percent	Number	Percent		
												Annual	3-year moving average	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1960	1,679 (44)	1,565 (45)	—	—	758 (41)	45.1 (2.1)	717 (40)	45.8 (2.2)	—	—	—	—	—	—
1961	1,763 (46)	1,612 (47)	—	—	847 (43)	48.0 (2.1)	798 (42)	49.5 (2.2)	—	—	—	—	—	—
1962	1,838 (44)	1,660 (45)	—	—	900 (43)	49.0 (2.0)	840 (42)	50.6 (2.2)	—	—	—	—	—	—
1963	1,741 (44)	1,615 (45)	—	—	784 (42)	45.0 (2.1)	736 (41)	45.6 (2.2)	—	—	—	—	—	—
1964	2,145 (43)	1,964 (45)	—	—	1,037 (46)	48.3 (1.9)	967 (45)	49.2 (2.0)	—	—	—	—	—	—
1965	2,659 (48)	2,417 (51)	—	—	1,354 (51)	50.9 (1.7)	1,249 (50)	51.7 (1.8)	—	—	—	—	—	—
1966	2,612 (45)	2,403 (48)	—	—	1,309 (50)	50.1 (1.7)	1,243 (50)	51.7 (1.8)	—	—	—	—	—	—
1967	2,525 (38)	2,267 (40)	—	—	1,311 (41)	51.9 (1.4)	1,202 (40)	53.0 (1.5)	—	—	—	—	—	—
1968	2,606 (37)	2,303 (40)	—	—	1,444 (42)	55.4 (1.4)	1,304 (41)	56.6 (1.5)	—	—	—	—	—	—
1969	2,842 (36)	2,538 (40)	—	—	1,516 (43)	53.3 (1.3)	1,402 (42)	55.2 (1.4)	—	—	—	—	—	—
1970	2,758 (37)	2,461 (41)	—	—	1,427 (42)	51.7 (1.4)	1,280 (41)	52.0 (1.4)	—	—	—	—	—	—
1971	2,875 (38)	2,596 (41)	—	—	1,538 (43)	53.5 (1.3)	1,402 (43)	54.0 (1.4)	—	—	—	—	—	—
1972	2,964 (38)	2,520 (31)	316 (18)	101 (14)	1,459 (43)	49.2 (1.3)	1,252 (39)	49.7 (1.4)	141 (17)	44.6 (4.6)	46 (12)	45.0 (9.7)	—	—
1973	3,058 (37)	2,590 (31)	324 (19)	119 (14)	1,424 (43)	46.6 (1.3)	1,238 (39)	47.8 (1.4)	105 (15)	32.5 (4.3)	64 (13)	54.1 (9.0)	48.7 (5.3)	—
1974	3,101 (39)	2,620 (31)	325 (19)	121 (15)	1,475 (44)	47.6 (1.3)	1,236 (39)	47.2 (1.4)	154 (17)	47.2 (4.6)	57 (13)	46.9 (8.9)	33.7 (6.0)	—
1975	3,185 (39)	2,701 (32)	302 (15)	132 (16)	1,615 (45)	50.7 (1.3)	1,381 (41)	51.1 (1.4)	126 (14)	41.7 (4.0)	77 (14)	58.0 (8.4)	36.9 (5.6)	—
1976	2,986 (40)	2,492 (33)	290 (16)	152 (16)	1,458 (44)	48.8 (1.3)	1,217 (39)	48.8 (1.4)	129 (14)	44.4 (4.1)	80 (15)	52.7 (8.0)	53.8 (4.7)	—
1977	3,141 (41)	2,618 (34)	325 (19)	155 (16)	1,590 (45)	50.6 (1.3)	1,331 (41)	50.8 (1.4)	161 (18)	49.5 (4.7)	79 (15)	50.8 (8.0)	48.5 (4.7)	—
1978	3,163 (40)	2,615 (34)	345 (18)	135 (15)	1,585 (45)	50.1 (1.3)	1,321 (41)	50.5 (1.4)	160 (18)	46.4 (4.5)	56 (13)	42.0 (8.4)	45.9 (4.7)	—
1979	3,160 (40)	2,629 (33)	319 (20)	155 (16)	1,559 (45)	49.3 (1.3)	1,313 (40)	49.9 (1.4)	149 (18)	46.7 (4.7)	70 (14)	45.0 (7.9)	46.4 (4.8)	—
1980	3,088 (39)	2,554 (31)	350 (20)	130 (17)	1,523 (45)	49.3 (1.3)	1,273 (40)	49.8 (1.4)	149 (18)	42.7 (4.4)	68 (14)	52.3 (8.7)	49.8 (4.8)	—
1981	3,056 (42)	2,490 (34)	349 (20)	146 (18)	1,648 (46)	53.9 (1.3)	1,367 (40)	54.9 (1.4)	149 (18)	42.7 (4.4)	76 (15)	52.1 (8.2)	49.2 (4.7)	—
1982	3,100 (40)	2,474 (33)	382 (20)	173 (18)	1,569 (47)	50.6 (1.4)	1,303 (41)	52.7 (1.5)	137 (18)	35.8 (4.3)	75 (16)	43.2 (8.0)	49.8 (4.9)	—
1983	2,963 (42)	2,363 (33)	390 (21)	138 (18)	1,562 (47)	52.7 (1.4)	1,301 (41)	55.0 (1.6)	149 (19)	38.2 (4.3)	75 (16)	54.2 (9.0)	47.3 (4.7)	—
1984	3,012 (37)	2,331 (29)	433 (19)	187 (17)	1,663 (46)	55.2 (1.4)	1,375 (40)	59.0 (1.5)	172 (19)	39.8 (4.1)	83 (16)	44.3 (7.7)	49.9 (4.9)	—
1985	2,668 (40)	2,104 (32)	332 (19)	141 (20)	1,540 (45)	57.7 (1.4)	1,264 (39)	60.1 (1.6)	140 (18)	42.2 (4.8)	72 (17)	51.0 (9.8)	46.5 (5.2)	—
1986	2,786 (39)	2,146 (30)	378 (18)	169 (22)	1,498 (45)	53.8 (1.4)	1,219 (39)	56.8 (1.6)	140 (18)	36.9 (4.4)	74 (18)	44.0 (8.9)	42.9 (5.2)	—
1987	2,647 (41)	2,040 (32)	333 (21)	176 (21)	1,503 (45)	56.8 (1.5)	1,195 (39)	58.6 (1.7)	174 (19)	52.2 (4.8)	59 (16)	33.5 (8.3)	44.9 (5.0)	—
1988	2,673 (47)	2,013 (38)	378 (22)	179 (27)	1,575 (50)	58.9 (1.6)	1,230 (43)	61.1 (1.8)	168 (21)	44.4 (4.9)	102 (24)	57.1 (10.1)	48.6 (6.0)	—
1989	2,450 (46)	1,889 (37)	332 (21)	168 (26)	1,460 (49)	59.6 (1.6)	1,147 (42)	60.7 (1.9)	177 (21)	53.4 (5.3)	93 (23)	55.1 (10.5)	51.6 (6.3)	—
1990	2,362 (43)	1,819 (32)	331 (22)	121 (22)	1,420 (46)	60.1 (1.6)	1,147 (39)	63.0 (1.8)	155 (20)	46.8 (5.1)	52 (16)	42.7 (10.8)	51.7 (5.7)	—
1991	2,276 (41)	1,727 (30)	310 (20)	154 (23)	1,423 (45)	62.5 (1.6)	1,129 (37)	65.4 (1.8)	144 (19)	46.4 (5.2)	88 (20)	57.2 (9.6)	51.6 (5.5)	—
1992	2,397 (40)	1,724 (31)	354 (21)	198 (23)	1,483 (45)	61.9 (1.6)	1,109 (37)	64.3 (1.8)	171 (20)	48.2 (4.9)	109 (21)	55.0 (8.5)	58.1 (5.0)	—
1993	2,342 (41)	1,719 (33)	304 (20)	201 (23)	1,467 (45)	62.6 (1.6)	1,082 (38)	62.9 (1.9)	169 (20)	55.6 (5.3)	125 (22)	62.2 (8.2)	55.4 (5.0)	—
1994	2,517 (38)	1,915 (27)	316 (18)	178 (17)	1,559 (43)	61.9 (1.4)	1,236 (35)	64.5 (1.6)	161 (17)	50.8 (4.4)	87 (14)	49.1 (6.3)	55.0 (3.2)	—
1995	2,599 (41)	1,861 (30)	349 (19)	288 (19)	1,610 (44)	61.9 (1.4)	1,197 (36)	64.3 (1.6)	179 (18)	51.2 (4.2)	155 (18)	53.7 (4.9)	51.2 (3.2)	—
1996	2,660 (41)	1,875 (31)	406 (17)	227 (19)	1,729 (46)	65.0 (1.4)	1,264 (38)	67.4 (1.7)	227 (19)	56.0 (4.0)	115 (16)	50.8 (5.8)	56.7 (3.0)	—
1997	2,769 (42)	1,909 (32)	384 (19)	336 (19)	1,856 (47)	67.0 (1.4)	1,301 (38)	68.2 (1.6)	225 (19)	58.5 (4.1)	220 (20)	65.6 (4.5)	54.6 (2.9)	—
1998	2,810 (44)	1,980 (33)	386 (20)	314 (21)	1,844 (48)	65.6 (1.4)	1,357 (39)	68.5 (1.6)	239 (20)	61.9 (4.0)	149 (18)	47.4 (4.9)	51.8 (2.8)	—
1999	2,897 (42)	1,978 (32)	436 (15)	329 (21)	1,822 (48)	62.9 (1.4)	1,311 (39)	66.3 (1.6)	257 (19)	58.9 (3.9)	139 (18)	42.3 (4.8)	47.5 (2.8)	—
2000	2,756 (45)	1,938 (33)	393 (20)	300 (22)	1,745 (48)	63.3 (1.4)	1,272 (39)	65.7 (1.7)	216 (20)	54.9 (4.1)	159 (19)	52.9 (5.0)	49.0 (3.0)	—
2001	2,545 (47)	1,832 (35)	379 (20)	241 (21)	1,569 (47)	61.7 (1.5)	1,176 (39)	64.2 (1.7)	207 (19)	54.6 (4.2)	124 (17)	51.7 (5.6)	—	—

—Not available.

¹ Individuals age 16 to 24 who graduated from high school or completed a GED during the preceding 12 months.

² Enrollment in college as of October of each year for individuals age 16 to 24 who completed high school during the preceding 12 months.

³ Due to the small sample size, data are subject to relatively large sampling errors.

NOTE: Data are based upon sample surveys of the civilian population. High school graduate data in this table differ from figures appearing in other tables because of vary-

ing survey procedures and coverage. High school graduates include GED recipients. Moving averages are used to produce more stable estimates. Totals include other racial/ethnic groups not shown separately. Standard errors appear in parentheses.

SOURCE: American College Testing Program, unpublished tabulations, derived from statistics collected by the U.S. Bureau of the Census; and U.S. Department of Labor, *College Enrollment of High School Graduates*, various years. (This table was prepared March 2004.)

Table 186. College enrollment and enrollment rates of recent high school completers, by sex: 1960 to 2002

[Numbers in thousands]

Year	High school completers ¹			Enrolled in college ²					
	Total	Males	Females	Total		Males		Females	
				Number	Percent	Number	Percent	Number	Percent
1	2	3	4	5	6	7	8	9	10
1960	1,679 (44)	756 (32)	923 (30)	758 (41)	45.1 (2.1)	408 (30)	54.0 (3.2)	350 (28)	37.9 (2.8)
1961	1,763 (46)	790 (33)	973 (31)	847 (43)	48.0 (2.1)	445 (31)	56.3 (3.1)	402 (30)	41.3 (2.8)
1962	1,838 (44)	872 (32)	966 (30)	900 (43)	49.0 (2.0)	480 (31)	55.0 (3.0)	420 (30)	43.5 (2.8)
1963	1,741 (44)	794 (32)	947 (30)	784 (42)	45.0 (2.1)	415 (30)	52.3 (3.1)	369 (29)	39.0 (2.8)
1964	2,145 (43)	997 (32)	1,148 (28)	1,037 (46)	48.3 (1.9)	570 (33)	57.2 (2.8)	467 (31)	40.7 (2.5)
1965	2,659 (48)	1,254 (35)	1,405 (32)	1,354 (51)	50.9 (1.7)	718 (37)	57.3 (2.5)	636 (36)	45.3 (2.3)
1966	2,612 (45)	1,207 (34)	1,405 (29)	1,309 (50)	50.1 (1.7)	709 (36)	58.7 (2.5)	600 (35)	42.7 (2.3)
1967	2,525 (38)	1,142 (28)	1,383 (24)	1,311 (41)	51.9 (1.4)	658 (29)	57.6 (2.1)	653 (29)	47.2 (1.9)
1968	2,606 (37)	1,184 (28)	1,422 (24)	1,444 (42)	55.4 (1.4)	748 (30)	63.2 (2.0)	696 (29)	48.9 (1.9)
1969	2,842 (36)	1,352 (27)	1,490 (24)	1,516 (43)	53.3 (1.3)	812 (30)	60.1 (1.9)	704 (30)	47.2 (1.8)
1970	2,758 (37)	1,343 (26)	1,415 (27)	1,427 (42)	51.7 (1.4)	741 (30)	55.2 (1.9)	686 (30)	48.5 (1.9)
1971	2,875 (38)	1,371 (27)	1,504 (27)	1,538 (43)	53.5 (1.3)	790 (30)	57.6 (1.9)	749 (31)	49.8 (1.8)
1972	2,964 (38)	1,423 (27)	1,542 (26)	1,459 (43)	49.2 (1.3)	750 (30)	52.7 (1.9)	709 (30)	46.0 (1.8)
1973	3,058 (37)	1,460 (28)	1,599 (25)	1,424 (43)	46.6 (1.3)	730 (31)	50.0 (1.9)	694 (30)	43.4 (1.8)
1974	3,101 (39)	1,491 (28)	1,611 (27)	1,475 (44)	47.6 (1.3)	736 (31)	49.4 (1.8)	740 (31)	45.9 (1.8)
1975	3,185 (39)	1,513 (27)	1,672 (27)	1,615 (45)	50.7 (1.3)	796 (31)	52.6 (1.8)	818 (32)	49.0 (1.7)
1976	2,986 (40)	1,451 (29)	1,535 (27)	1,458 (44)	48.8 (1.3)	685 (30)	47.2 (1.9)	773 (31)	50.3 (1.8)
1977	3,141 (41)	1,483 (30)	1,659 (28)	1,590 (45)	50.6 (1.3)	773 (32)	52.1 (1.9)	817 (32)	49.3 (1.8)
1978	3,163 (40)	1,485 (29)	1,677 (27)	1,585 (45)	50.1 (1.3)	759 (32)	51.1 (1.9)	827 (32)	49.3 (1.8)
1979	3,160 (40)	1,475 (29)	1,685 (27)	1,559 (45)	49.3 (1.3)	744 (31)	50.4 (1.9)	815 (32)	48.4 (1.8)
1980	3,088 (39)	1,498 (28)	1,589 (27)	1,523 (45)	49.3 (1.3)	700 (31)	46.7 (1.9)	823 (32)	51.8 (1.8)
1981	3,056 (42)	1,491 (30)	1,565 (29)	1,648 (46)	53.9 (1.3)	817 (32)	54.8 (1.9)	831 (32)	53.1 (1.8)
1982	3,100 (40)	1,509 (29)	1,592 (28)	1,569 (47)	50.6 (1.4)	741 (33)	49.1 (2.0)	828 (34)	52.0 (1.9)
1983	2,963 (42)	1,389 (30)	1,573 (28)	1,562 (47)	52.7 (1.4)	721 (32)	51.9 (2.0)	841 (34)	53.4 (1.9)
1984	3,012 (37)	1,429 (29)	1,584 (22)	1,663 (46)	55.2 (1.4)	801 (33)	56.0 (2.0)	862 (32)	54.5 (1.9)
1985	2,668 (40)	1,287 (29)	1,381 (28)	1,540 (45)	57.7 (1.4)	755 (32)	58.6 (2.1)	785 (32)	56.8 (2.0)
1986	2,786 (39)	1,332 (28)	1,454 (26)	1,498 (45)	53.8 (1.4)	743 (32)	55.8 (2.1)	755 (32)	51.9 (2.0)
1987	2,647 (41)	1,278 (30)	1,369 (28)	1,503 (45)	56.8 (1.5)	746 (32)	58.3 (2.1)	757 (32)	55.3 (2.0)
1988	2,673 (47)	1,334 (34)	1,339 (32)	1,575 (50)	58.9 (1.6)	761 (36)	57.1 (2.2)	814 (35)	60.7 (2.2)
1989	2,450 (46)	1,204 (33)	1,246 (33)	1,460 (49)	59.6 (1.6)	693 (34)	57.6 (2.4)	767 (35)	61.6 (2.3)
1990	2,362 (43)	1,173 (31)	1,189 (30)	1,420 (46)	60.1 (1.6)	680 (32)	58.0 (2.3)	740 (33)	62.2 (2.2)
1991	2,276 (41)	1,140 (29)	1,136 (29)	1,423 (45)	62.5 (1.6)	660 (31)	57.9 (2.3)	763 (32)	67.1 (2.2)
1992	2,397 (40)	1,216 (29)	1,180 (28)	1,483 (45)	61.9 (1.6)	729 (32)	60.0 (2.2)	754 (32)	63.8 (2.2)
1993	2,342 (41)	1,120 (31)	1,223 (28)	1,467 (45)	62.6 (1.6)	670 (32)	59.9 (2.3)	797 (32)	65.2 (2.2)
1994	2,517 (38)	1,244 (28)	1,273 (26)	1,559 (43)	61.9 (1.4)	754 (31)	60.6 (2.0)	805 (30)	63.2 (2.0)
1995	2,599 (41)	1,238 (30)	1,361 (28)	1,610 (44)	61.9 (1.4)	775 (31)	62.6 (2.0)	835 (31)	61.3 (1.9)
1996	2,660 (41)	1,297 (29)	1,363 (28)	1,729 (46)	65.0 (1.4)	779 (32)	60.1 (2.1)	950 (32)	69.7 (1.9)
1997	2,769 (42)	1,354 (31)	1,415 (28)	1,856 (47)	67.0 (1.4)	860 (34)	63.6 (2.0)	995 (33)	70.3 (1.9)
1998	2,810 (44)	1,452 (31)	1,358 (31)	1,844 (48)	65.6 (1.4)	906 (34)	62.4 (2.0)	938 (34)	69.1 (1.9)
1999	2,897 (42)	1,474 (30)	1,423 (29)	1,822 (48)	62.9 (1.4)	905 (34)	61.4 (2.0)	917 (33)	64.4 (2.0)
2000	2,756 (45)	1,251 (34)	1,505 (30)	1,745 (48)	63.3 (1.4)	749 (33)	59.9 (2.1)	996 (34)	66.2 (1.9)
2001	2,545 (47)	1,275 (34)	1,270 (32)	1,569 (47)	61.7 (1.5)	762 (34)	59.7 (2.1)	808 (33)	63.6 (2.1)
2002	2,796 (45)	1,412 (33)	1,384 (31)	1,824 (49)	65.2 (1.4)	877 (35)	62.1 (2.0)	947 (34)	68.4 (1.9)

¹ Individuals age 16 to 24 who graduated from high school or completed a GED during the preceding 12 months.

² Enrollment in college as of October of each year for individuals age 16 to 24 who completed high school during the preceding 12 months.

NOTE: Data are based upon sample surveys of the civilian population. High school graduate data in this table differ from figures appearing in other tables because of varying survey procedures and coverage. High school graduates include GED recipients.

Some data revised from previously published figures. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: American College Testing Program, unpublished tabulations, derived from statistics collected by the U.S. Bureau of the Census; and U.S. Department of Labor, *College Enrollment of High School Graduates*, various years. (This table was prepared March 2004.)

Table 187. Graduation and postsecondary participation rates of recent high school students, by selected high school characteristics: 1999–2000

Selected high school characteristic	Number of high schools with 12th-graders	1999 graduation rate of fall 1998 12th-graders	Average rate of attendance at colleges and universities			Average rate of attendance at technical schools
			Total	4-year institutions	2-year institutions	
1	2	3	4	5	6	7
Public high schools						
Total	19,959 (232)	91.5 (0.3)	65.9 (0.4)	41.9 (0.4)	24.0 (0.3)	8.1 (0.1)
Percent minority students						
Less than 5 percent	6,448 (164)	95.1 (0.2)	65.3 (0.6)	44.9 (0.6)	20.4 (0.5)	9.1 (0.4)
5 to 19 percent	4,524 (177)	93.7 (0.3)	68.0 (0.8)	45.5 (0.8)	22.6 (0.5)	7.9 (0.3)
20 to 49 percent	4,079 (169)	91.2 (0.4)	65.4 (0.9)	40.9 (0.8)	24.6 (0.7)	7.8 (0.3)
50 percent or more	4,909 (154)	86.9 (0.9)	65.0 (0.8)	37.4 (0.9)	27.6 (0.8)	7.7 (0.3)
Community type						
Central city	3,562 (145)	87.7 (0.8)	68.2 (0.7)	42.8 (0.9)	25.4 (0.8)	7.5 (0.3)
Suburban/large town	7,864 (166)	92.6 (0.4)	68.2 (0.6)	43.7 (0.6)	24.5 (0.4)	7.5 (0.2)
Small town/rural	8,533 (176)	93.3 (0.4)	58.8 (0.5)	37.4 (0.5)	21.4 (0.5)	10.1 (0.3)
Private high schools						
Total	7,602 (242)	99.2 (0.1)	89.7 (0.6)	76.9 (0.8)	12.8 (0.5)	3.3 (0.2)
Percent minority students.						
Less than 5 percent	2,684 (153)	98.8 (0.2)	85.9 (1.1)	71.0 (1.6)	14.9 (1.1)	4.3 (0.5)
5 to 19 percent	2,448 (130)	99.5 (0.1)	92.0 (0.8)	81.9 (1.0)	10.1 (0.6)	2.4 (0.2)
20 to 49 percent	1,434 (98)	99.0 (0.1)	93.0 (0.8)	79.9 (1.8)	13.0 (1.6)	2.4 (0.3)
50 percent or more	1,036 (111)	99.2 (0.3)	84.2 (2.9)	67.4 (4.2)	16.8 (1.9)	5.6 (1.4)
Community type						
Central city	2,895 (154)	99.3 (0.1)	90.6 (0.8)	78.0 (1.3)	12.6 (0.7)	3.5 (0.3)
Suburban/large town	2,908 (154)	99.3 (0.1)	90.2 (0.9)	77.5 (1.3)	12.7 (0.9)	2.8 (0.4)
Small town/rural	1,800 (141)	98.2 (0.4)	82.2 (2.1)	67.9 (2.5)	14.3 (1.6)	3.6 (0.5)

NOTE: Data are based on a sample survey and may not be strictly comparable with data reported elsewhere. Only includes schools with students enrolled in 12th grade. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Questionnaire," "Charter School Questionnaire," and "Private School Questionnaire," 1999–2000. (This table was prepared August 2002.)

Table 188. Enrollment rates of 18- to 24-year-olds in degree-granting institutions, by sex and race/ethnicity: 1967 to 2001

Year	Enrollment as a percent of all 18- to 24-year-olds						Enrollment as a percent of all 18- to 24-year-old high school completers ¹					
	Total	Sex		Race/ethnicity			Total	Sex		Race/ethnicity		
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic
1	2	3	4	5	6	7	8	9	10	11	12	13
1967 ²	25.5 (0.4)	33.1 (0.7)	19.2 (0.5)	26.9 (0.5)	13.0 (1.2)	— (—)	33.7 (0.5)	44.7 (0.9)	25.1 (0.7)	34.5 (0.6)	23.3 (2.0)	— (—)
1968 ²	26.1 (0.4)	34.1 (0.7)	19.5 (0.5)	27.5 (0.5)	14.5 (1.2)	— (—)	34.2 (0.5)	45.9 (0.9)	25.0 (0.7)	34.9 (0.6)	25.2 (1.9)	— (—)
1969 ²	27.3 (0.4)	35.2 (0.7)	20.9 (0.5)	28.7 (0.5)	16.0 (1.2)	— (—)	35.0 (0.5)	45.6 (0.8)	26.4 (0.7)	35.6 (0.6)	27.2 (1.9)	— (—)
1970 ²	25.7 (0.4)	32.1 (0.7)	20.3 (0.5)	27.1 (0.5)	15.5 (1.2)	— (—)	32.6 (0.5)	41.0 (0.8)	25.5 (0.6)	33.2 (0.5)	26.0 (1.8)	— (—)
1971 ²	26.2 (0.4)	32.5 (0.6)	20.8 (0.5)	27.2 (0.4)	18.2 (1.2)	— (—)	33.2 (0.5)	41.5 (0.8)	26.0 (0.6)	33.5 (0.5)	29.2 (1.8)	— (—)
1972	25.5 (0.4)	30.2 (0.6)	21.2 (0.5)	27.2 (0.4)	18.3 (1.2)	13.4 (1.8)	31.9 (0.4)	38.2 (0.7)	26.3 (0.6)	32.6 (0.5)	27.2 (1.7)	25.8 (3.3)
1973	24.0 (0.4)	27.7 (0.5)	20.5 (0.5)	25.5 (0.4)	15.9 (1.1)	16.1 (2.0)	29.7 (0.4)	34.6 (0.6)	25.3 (0.6)	30.2 (0.5)	23.8 (1.5)	29.1 (3.4)
1974	24.6 (0.4)	27.7 (0.5)	21.7 (0.5)	25.8 (0.4)	17.6 (1.1)	18.0 (1.9)	30.5 (0.4)	34.7 (0.6)	26.7 (0.6)	30.5 (0.5)	26.2 (1.6)	32.3 (3.2)
1975	26.3 (0.4)	29.0 (0.5)	23.7 (0.5)	27.4 (0.4)	20.4 (1.2)	20.4 (2.1)	32.5 (0.4)	36.2 (0.6)	29.2 (0.6)	32.3 (0.5)	31.5 (1.7)	35.5 (3.3)
1976	26.7 (0.4)	28.2 (0.5)	25.2 (0.5)	27.6 (0.4)	22.5 (1.2)	20.0 (2.0)	33.1 (0.4)	35.6 (0.6)	30.9 (0.6)	32.8 (0.5)	33.4 (1.7)	35.9 (3.2)
1977	26.1 (0.4)	28.1 (0.6)	24.3 (0.5)	27.2 (0.4)	21.1 (1.2)	17.2 (1.9)	32.5 (0.5)	35.6 (0.7)	29.7 (0.6)	32.3 (0.5)	31.3 (1.6)	31.5 (3.1)
1978	25.3 (0.4)	27.1 (0.6)	23.6 (0.5)	26.5 (0.4)	20.1 (1.1)	15.2 (1.7)	31.4 (0.4)	34.1 (0.7)	28.8 (0.6)	31.3 (0.5)	29.6 (1.6)	27.2 (2.9)
1979	25.0 (0.4)	25.9 (0.5)	24.2 (0.5)	26.3 (0.4)	19.8 (1.1)	16.7 (1.8)	31.2 (0.4)	32.9 (0.7)	29.6 (0.6)	31.3 (0.5)	29.4 (1.6)	30.2 (2.9)
1980	25.7 (0.4)	26.4 (0.5)	25.0 (0.5)	27.3 (0.4)	19.4 (1.1)	16.1 (1.6)	31.8 (0.4)	33.5 (0.7)	30.3 (0.6)	32.1 (0.5)	27.6 (1.5)	29.9 (2.8)
1981	26.1 (0.4)	27.1 (0.5)	25.2 (0.5)	27.7 (0.4)	19.9 (1.1)	16.6 (1.6)	32.4 (0.4)	34.7 (0.7)	30.4 (0.6)	32.7 (0.5)	28.0 (1.5)	29.9 (2.7)
1982	26.6 (0.4)	27.2 (0.6)	26.0 (0.5)	28.1 (0.5)	19.9 (1.1)	16.8 (1.8)	33.0 (0.5)	34.5 (0.7)	31.6 (0.6)	33.3 (0.5)	28.1 (1.5)	29.2 (2.8)
1983	26.2 (0.4)	27.3 (0.6)	25.1 (0.5)	27.9 (0.5)	19.2 (1.1)	17.3 (1.8)	32.5 (0.5)	35.0 (0.7)	30.3 (0.6)	33.0 (0.5)	27.0 (1.5)	31.5 (2.9)
1984	27.1 (0.4)	28.6 (0.6)	25.6 (0.6)	28.9 (0.5)	20.3 (1.1)	17.9 (1.8)	33.2 (0.5)	36.0 (0.7)	30.6 (0.6)	33.9 (0.5)	27.2 (1.5)	29.9 (2.8)
1985	27.8 (0.4)	28.4 (0.6)	27.2 (0.6)	30.0 (0.5)	19.6 (1.2)	16.9 (1.8)	33.7 (0.5)	35.3 (0.7)	32.3 (0.7)	34.9 (0.5)	26.0 (1.5)	26.8 (2.7)
1986	27.9 (0.4)	28.2 (0.6)	27.6 (0.6)	29.7 (0.5)	21.9 (1.2)	17.6 (1.8)	34.0 (0.5)	35.3 (0.7)	32.8 (0.7)	34.5 (0.6)	28.6 (1.5)	29.4 (2.7)
1987	29.6 (0.4)	30.6 (0.6)	28.7 (0.6)	31.9 (0.5)	22.8 (1.2)	17.5 (1.7)	36.2 (0.5)	38.3 (0.7)	34.4 (0.7)	37.3 (0.6)	29.5 (1.5)	28.4 (2.6)
1988	30.3 (0.5)	30.2 (0.7)	30.4 (0.7)	33.2 (0.6)	21.2 (1.3)	17.0 (2.0)	37.2 (0.6)	38.3 (0.8)	36.3 (0.8)	38.6 (0.6)	28.1 (1.7)	30.8 (3.3)
1989	30.9 (0.5)	30.2 (0.7)	31.6 (0.7)	34.2 (0.6)	23.4 (1.4)	16.1 (1.9)	38.1 (0.6)	38.3 (0.8)	37.9 (0.8)	39.8 (0.6)	30.7 (1.7)	28.7 (3.1)
1990	32.0 (0.5)	32.3 (0.7)	31.8 (0.7)	35.1 (0.6)	25.4 (1.4)	15.8 (1.7)	39.1 (0.5)	40.0 (0.8)	38.3 (0.8)	40.4 (0.6)	32.7 (1.7)	28.7 (2.8)
1991	33.3 (0.5)	32.8 (0.7)	33.6 (0.7)	36.8 (0.6)	23.5 (1.3)	17.9 (1.7)	41.0 (0.6)	41.5 (0.8)	40.5 (0.8)	42.4 (0.6)	31.2 (1.7)	34.3 (2.9)
1992	34.4 (0.5)	32.7 (0.7)	36.0 (0.7)	37.3 (0.6)	25.2 (1.4)	21.3 (1.9)	41.7 (0.6)	40.7 (0.8)	42.7 (0.8)	42.6 (0.6)	33.5 (1.7)	36.8 (2.9)
1993	34.0 (0.5)	33.6 (0.7)	34.4 (0.7)	36.8 (0.6)	24.5 (1.4)	21.7 (1.9)	41.3 (0.6)	41.7 (0.8)	40.9 (0.8)	42.3 (0.6)	32.4 (1.7)	35.5 (2.8)
1994	34.6 (0.4)	33.1 (0.6)	36.0 (0.6)	38.1 (0.5)	27.7 (1.2)	18.8 (1.1)	42.3 (0.5)	41.6 (0.7)	43.0 (0.7)	43.7 (0.6)	35.6 (1.4)	33.1 (1.8)
1995	34.3 (0.4)	33.1 (0.6)	35.5 (0.6)	37.9 (0.6)	27.5 (1.2)	20.7 (1.1)	42.3 (0.5)	41.7 (0.7)	43.0 (0.7)	44.0 (0.6)	35.4 (1.4)	35.2 (1.7)
1996	35.5 (0.5)	34.1 (0.7)	37.0 (0.7)	39.5 (0.6)	27.4 (1.2)	20.1 (1.2)	43.4 (0.5)	42.5 (0.8)	44.3 (0.8)	45.1 (0.6)	35.9 (1.5)	34.5 (1.8)
1997	36.8 (0.5)	35.0 (0.7)	38.7 (0.7)	40.6 (0.6)	29.8 (1.3)	22.4 (1.2)	45.2 (0.5)	44.0 (0.8)	46.3 (0.8)	46.6 (0.6)	39.5 (1.5)	36.0 (1.8)
1998	36.5 (0.5)	34.5 (0.6)	38.6 (0.7)	40.6 (0.6)	29.8 (1.2)	20.4 (1.1)	45.2 (0.5)	44.3 (0.8)	46.1 (0.7)	46.9 (0.6)	40.0 (1.5)	33.9 (1.7)
1999	35.6 (0.5)	34.1 (0.6)	37.0 (0.6)	39.4 (0.6)	30.4 (1.2)	18.7 (1.1)	43.7 (0.5)	42.9 (0.8)	44.4 (0.7)	45.3 (0.6)	39.2 (1.5)	31.6 (1.7)
2000	35.5 (0.5)	32.6 (0.6)	38.4 (0.6)	38.7 (0.6)	30.5 (1.2)	21.7 (1.1)	43.2 (0.5)	40.8 (0.7)	45.6 (0.7)	44.1 (0.6)	39.3 (1.5)	36.2 (1.7)
2001	36.2 (0.4)	33.6 (0.6)	38.7 (0.6)	39.3 (0.6)	31.3 (1.2)	21.7 (1.1)	44.2 (0.5)	42.3 (0.7)	45.9 (0.7)	45.3 (0.6)	40.1 (1.5)	34.6 (1.6)

—Not available.

¹ Includes students who were enrolled in college, but did not report high school completion.² Data for White and Black enrollment include persons of Hispanic origin.

NOTE: Data are based upon sample surveys of the civilian noninstitutional population. Percents based on 18- to 24-year-old high school graduates for 1992 and later years

use a slightly different definition of graduation and may not be directly comparable with figures for other years. All college students are counted as high school graduates. Totals include other racial/ethnic groups not shown separately. Standard errors appear in parentheses. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared October 2002.)

Table 189. Total undergraduate fall enrollment in degree-granting institutions, by attendance status, sex of student, and control of institution: 1969 to 2001

[In thousands]

Year	Total	Full-time	Part-time	Men	Women	Men		Women		Men		Women	
						Full-time	Part-time	Full-time	Part-time	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Institutions of higher education													
1969	6,884	4,991	1,893	4,008	2,876	2,952	1,056	2,039	837	2,997	1,011	2,162	714
1970	7,376	5,280	2,096	4,254	3,122	3,097	1,157	2,183	939	3,241	1,013	2,387	735
1971	7,743	5,512	2,231	4,418	3,325	3,201	1,217	2,311	1,014	3,427	991	2,580	745
1972	7,941	5,488	2,453	4,429	3,512	3,121	1,308	2,367	1,145	3,467	962	2,756	756
1973	8,261	5,580	2,681	4,538	3,723	3,135	1,403	2,445	1,278	3,579	959	2,943	780
1974	8,798	5,726	3,072	4,765	4,033	3,191	1,574	2,535	1,498	3,799	966	3,232	801
1975	9,679	6,169	3,510	5,257	4,422	3,459	1,798	2,710	1,712	4,245	1,012	3,581	841
1976	9,429	6,030	3,399	4,902	4,527	3,242	1,660	2,788	1,739	3,949	953	3,668	859
1977	9,717	6,094	3,623	4,897	4,820	3,188	1,709	2,906	1,914	3,937	960	3,906	914
1978	9,691	5,967	3,724	4,766	4,925	3,072	1,694	2,895	2,030	3,812	954	3,974	951
1979	9,998	6,080	3,919	4,821	5,178	3,087	1,734	2,993	2,185	3,865	956	4,181	995
1980	10,475	6,362	4,113	5,000	5,475	3,227	1,773	3,135	2,340	4,014	985	4,427	1,048
1981	10,755	6,449	4,306	5,109	5,646	3,261	1,848	3,188	2,458	4,090	1,018	4,558	1,088
1982	10,825	6,484	4,341	5,170	5,655	3,299	1,871	3,184	2,470	4,140	1,031	4,573	1,081
1983	10,846	6,514	4,332	5,158	5,688	3,304	1,854	3,210	2,478	4,117	1,042	4,580	1,107
1984	10,618	6,348	4,270	5,007	5,611	3,195	1,812	3,153	2,459	3,990	1,017	4,504	1,107
1985	10,597	6,320	4,277	4,962	5,635	3,156	1,806	3,163	2,471	3,953	1,010	4,525	1,110
1986	10,798	6,352	4,446	5,018	5,780	3,146	1,871	3,206	2,575	4,002	1,015	4,658	1,122
1987	11,046	6,463	4,584	5,068	5,978	3,164	1,905	3,299	2,679	4,076	992	4,842	1,136
1988	11,317	6,642	4,674	5,138	6,179	3,206	1,931	3,436	2,743	4,113	1,024	4,990	1,189
1989	11,743	6,841	4,902	5,311	6,432	3,279	2,032	3,562	2,869	4,272	1,039	5,216	1,216
1990	11,959	6,976	4,983	5,380	6,579	3,337	2,043	3,639	2,940	4,353	1,027	5,357	1,223
1991	12,439	7,221	5,218	5,571	6,868	3,436	2,135	3,786	3,082	4,531	1,040	5,617	1,251
1992	12,538	7,244	5,293	5,583	6,955	3,425	2,158	3,820	3,135	4,537	1,046	5,679	1,275
1993	12,324	7,179	5,144	5,484	6,840	3,382	2,102	3,797	3,043	4,447	1,036	5,565	1,276
1994	12,263	7,169	5,094	5,422	6,840	3,342	2,081	3,827	3,013	4,394	1,028	5,551	1,290
1995	12,232	7,145	5,086	5,401	6,831	3,297	2,105	3,849	2,982	4,380	1,021	5,524	1,307
1996	12,259	7,211	5,049	5,411	6,848	3,304	2,107	3,907	2,942	4,368	1,043	5,537	1,311
1997	12,298	7,306	4,992	5,405	6,893	3,330	2,075	3,976	2,917	4,385	1,021	5,574	1,319
Degree-granting institutions													
1996	12,327	7,299	5,028	5,421	6,906	3,339	2,082	3,960	2,947	4,383	1,038	5,553	1,354
1997	12,451	7,419	5,032	5,469	6,982	3,380	2,089	4,039	2,943	4,408	1,060	5,599	1,383
1998	12,437	7,539	4,898	5,446	6,991	3,428	2,018	4,111	2,880	4,361	1,085	5,589	1,402
1999	12,681	7,735	4,946	5,559	7,122	3,516	2,044	4,219	2,903	4,431	1,128	5,679	1,443
2000	13,155	7,923	5,232	5,778	7,377	3,588	2,190	4,335	3,042	4,622	1,156	5,917	1,460
2001	13,716	8,328	5,388	6,004	7,711	3,769	2,236	4,559	3,152	4,804	1,200	6,182	1,529

NOTE: Data include unclassified undergraduate students. Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees. Data for 1999 were imputed using alternative methods. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1969 through 1985; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 190. Total graduate fall enrollment in degree-granting institutions, by attendance status, sex of student, and control of institution: 1969 to 2001

[In thousands]

Year	Total	Full-time	Part-time	Men	Women	Men		Women		Men		Women	
						Full-time	Part-time	Full-time	Part-time	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Institutions of higher education													
1969	955	363	593	590	366	252	338	111	255	393	197	273	93
1970	1,031	379	651	630	400	264	366	115	285	423	207	301	99
1971	1,012	388	621	615	394	269	346	119	275	415	200	296	100
1972	1,066	394	671	626	439	268	358	126	313	427	199	330	109
1973	1,123	410	715	648	477	273	375	137	340	442	206	358	119
1974	1,190	427	762	663	526	276	387	151	375	454	209	398	128
1975	1,263	453	810	700	563	290	410	163	400	481	219	425	138
1976	1,333	463	870	714	619	287	427	176	443	477	237	454	165
1977	1,319	473	845	700	617	289	411	184	434	458	243	443	174
1978	1,312	468	844	682	630	280	402	188	442	441	241	453	177
1979	1,309	476	833	669	640	280	389	196	444	427	242	457	182
1980	1,343	485	860	675	670	281	394	204	466	426	247	474	195
1981	1,343	484	859	674	669	277	397	207	462	419	255	468	201
1982	1,322	485	838	670	653	280	390	205	447	417	253	453	200
1983	1,340	497	843	677	663	286	391	211	452	418	259	454	209
1984	1,345	501	844	672	673	286	386	215	459	411	261	459	215
1985	1,376	509	867	677	700	289	388	220	479	414	263	477	223
1986	1,435	522	913	693	742	294	399	228	514	433	260	508	234
1987	1,452	527	925	693	759	294	400	233	525	429	264	516	243
1988	1,472	553	919	697	774	304	393	249	526	429	268	520	254
1989	1,522	572	949	710	811	309	401	263	548	437	273	541	271
1990	1,586	599	987	737	849	321	416	278	571	456	281	567	282
1991	1,639	642	997	761	878	341	419	300	578	471	290	580	299
1992	1,669	666	1,003	772	896	351	421	314	582	474	298	584	313
1993	1,688	688	1,000	771	917	355	416	334	584	473	298	590	327
1994	1,721	706	1,016	776	946	359	417	347	598	472	304	603	343
1995	1,732	717	1,015	768	965	356	412	361	604	464	304	610	355
1996	1,743	736	1,007	760	983	358	403	378	604	456	305	613	370
1997	1,751	750	1,000	756	994	359	398	392	603	452	304	618	377
Degree-granting institutions													
1996	1,742	737	1,005	759	983	358	401	379	604	456	303	613	370
1997	1,753	752	1,001	758	996	360	398	393	603	452	306	618	377
1998	1,768	754	1,014	754	1,013	355	399	398	615	444	310	623	390
1999	1,807	781	1,026	766	1,041	363	403	418	623	446	320	630	411
2000	1,850	813	1,037	780	1,071	377	402	436	635	447	332	642	428
2001	1,904	843	1,061	796	1,108	388	408	455	653	460	336	659	449

NOTE: Data include unclassified graduate students. Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions

that did not award degrees. Data for 1999 were imputed using alternative methods. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1969 through 1985; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 191. Total first-professional fall enrollment in degree-granting institutions, by attendance status, sex of student, and control of institution: 1969 to 2001

Year	Total	Full-time	Part-time	Men	Women	Men		Women		Men		Women	
						Full-time	Part-time	Full-time	Part-time	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Institutions of higher education													
1969	164,737	143,081	21,656	148,926	15,811	131,368	17,558	11,713	4,098	64,241	84,685	8,354	7,457
1970	173,411	157,384	16,027	158,649	14,762	144,270	14,379	13,114	1,648	68,956	89,693	6,501	8,261
1971	192,668	176,224	16,444	174,058	18,610	159,386	14,672	16,838	1,772	98,233	75,825	9,430	9,180
1972	206,659	190,039	16,620	183,443	23,216	168,990	14,453	21,049	2,167	79,723	103,720	10,842	12,374
1973	218,990	201,663	17,327	186,297	32,693	171,731	14,566	29,932	2,761	81,811	104,486	16,138	16,555
1974	235,452	216,329	19,123	194,079	41,373	178,926	15,153	37,403	3,970	84,271	109,808	20,085	21,288
1975	242,267	219,886	22,381	192,100	50,167	177,117	14,983	42,769	7,398	79,240	112,860	23,557	26,610
1976	244,292	220,124	24,168	189,810	54,482	171,967	17,843	48,157	6,325	77,873	111,937	23,468	31,014
1977	251,357	226,318	25,039	191,451	59,906	173,165	18,286	53,153	6,753	78,189	113,262	24,901	35,005
1978	256,904	232,540	24,364	192,221	64,683	174,906	17,315	57,634	7,049	77,748	114,473	26,839	37,844
1979	263,404	238,949	24,455	193,363	70,041	176,394	16,969	62,555	7,486	77,122	116,241	29,026	41,015
1980	277,767	251,359	26,408	199,344	78,423	181,448	17,896	69,911	8,512	81,022	118,322	33,415	45,008
1981	274,595	248,328	26,267	192,936	81,659	175,414	17,522	72,914	8,745	77,562	115,374	34,177	47,482
1982	278,425	252,108	26,317	191,200	87,225	173,941	17,259	78,167	9,058	76,273	114,927	37,183	50,042
1983	278,529	249,636	28,893	188,096	90,433	169,071	19,025	80,565	9,868	74,938	113,158	38,484	51,949
1984	278,598	249,708	28,890	184,949	93,649	166,286	18,663	83,422	10,227	73,722	111,227	40,186	53,463
1985	274,200	246,619	27,581	179,792	94,408	162,368	17,424	84,251	10,157	71,373	108,419	40,435	53,973
1986	270,401	245,647	24,754	173,851	96,550	158,557	15,294	87,090	9,460	70,326	103,525	41,699	54,851
1987	268,332	241,807	26,525	170,129	98,203	153,668	16,461	88,139	10,064	68,089	102,040	41,947	56,256
1988	267,109	241,228	25,881	166,912	100,197	151,045	15,867	90,183	10,014	66,196	100,716	42,743	57,454
1989	274,451	247,812	26,639	168,773	105,678	152,511	16,262	95,301	10,377	67,548	101,225	45,090	60,588
1990	273,366	245,854	27,512	166,798	106,568	149,805	16,993	96,049	10,519	66,071	100,727	45,674	60,894
1991	280,531	252,012	28,519	169,875	110,656	152,356	17,519	99,656	11,000	64,821	105,054	46,661	63,995
1992	280,922	252,138	28,784	168,620	112,302	151,025	17,595	101,113	11,189	63,511	105,109	47,178	65,124
1993	292,431	259,764	32,667	172,788	119,643	153,873	18,915	105,891	13,752	63,973	108,815	49,681	69,962
1994	294,713	263,311	31,402	173,956	120,757	155,018	18,938	108,293	12,464	63,844	110,112	50,153	70,604
1995	297,592	266,414	31,178	173,897	123,695	155,056	18,841	111,358	12,337	63,594	110,303	51,478	72,217
1996	297,739	266,812	30,927	172,462	125,277	153,983	18,479	112,829	12,448	63,608	108,854	52,777	72,500
1997	296,532	265,982	30,550	168,432	128,100	150,520	17,912	115,462	12,638	63,586	104,846	54,491	73,609
Degree-granting institutions													
1996	298,312	267,209	31,103	172,742	125,570	154,107	18,635	113,102	12,468	63,742	109,000	52,923	72,647
1997	298,258	267,218	31,040	169,627	128,631	151,325	18,302	115,893	12,738	63,667	105,960	54,582	74,049
1998	302,473	271,049	31,424	168,846	133,627	150,361	18,485	120,688	12,939	63,800	105,046	56,898	76,729
1999	303,190	270,581	32,609	165,134	138,056	146,613	18,521	123,968	14,088	63,762	101,372	59,123	78,933
2000	306,625	273,571	33,054	163,885	142,740	145,397	18,488	128,174	14,566	63,137	100,748	60,977	81,763
2001	308,647	276,792	31,855	160,666	147,981	143,536	17,130	133,256	14,725	63,566	97,100	64,240	83,741

NOTE: Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher de-

grees. Data for 1999 were imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1969 through 1985; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 192. Total fall enrollment in degree-granting institutions by state or jurisdiction: Selected years, 1970 to 2001

State or jurisdiction	Institutions of higher education ¹				Degree-granting institutions ²						Percent change, 1996 to 2001
	Fall 1970	Fall 1980	Fall 1990	Fall 1995	Fall 1996	Fall 1997	Fall 1998	Fall 1999 ³	Fall 2000	Fall 2001	
1	2	3	4	5	6	7	8	9	10	11	12
United States	8,580,887	12,096,895	13,818,637	14,261,781	14,367,520	14,502,334	14,506,967	14,791,224	15,312,289	15,927,987	10.9
Alabama	103,936	164,306	218,589	225,612	220,711	218,785	216,241	223,144	233,962	236,146	7.0
Alaska	9,471	21,296	29,833	29,348	28,806	27,915	27,652	26,948	27,953	27,756	-3.6
Arizona	109,619	202,716	264,148	273,981	288,036	292,730	302,123	326,159	342,490	366,485	27.2
Arkansas	52,039	77,607	90,425	98,180	108,636	112,342	113,751	115,092	115,172	122,282	12.6
California	1,257,245	1,790,993	1,808,740	1,817,042	1,900,099	1,958,200	1,949,508	2,017,483	2,256,708	2,380,090	25.3
Colorado	123,395	162,916	227,131	242,739	245,112	252,245	257,247	261,744	263,872	269,292	9.9
Connecticut	124,700	159,632	168,604	157,695	154,139	153,128	153,336	156,907	161,243	165,027	7.1
Delaware	25,260	32,939	42,004	44,307	44,838	44,890	46,260	46,613	43,897	47,104	5.1
District of Columbia	77,158	86,675	79,551	77,277	74,460	72,397	72,388	72,118	72,689	87,252	17.2
Florida	235,525	411,891	588,086	637,303	645,832	658,259	661,187	684,745	707,684	753,554	16.7
Georgia	126,511	184,159	251,786	314,712	300,795	306,238	303,685	311,812	346,204	376,098	25.0
Hawaii	36,562	47,181	56,436	63,198	62,844	61,514	61,615	62,578	60,182	62,079	-1.2
Idaho	34,567	43,018	51,881	59,566	60,411	61,641	63,085	64,661	65,594	69,674	15.3
Illinois	452,146	644,245	729,246	717,854	721,133	726,199	729,084	733,182	743,918	748,444	3.8
Indiana	192,668	247,253	284,832	289,615	290,184	295,517	299,176	304,725	314,334	338,715	16.7
Iowa	108,902	140,449	170,515	173,835	178,860	180,967	181,944	186,780	188,974	194,822	8.9
Kansas	102,485	136,605	163,733	177,643	173,865	177,544	177,561	176,737	179,968	184,943	6.4
Kentucky	98,591	143,066	177,852	178,858	178,904	178,924	180,550	181,626	188,341	214,839	20.1
Louisiana	120,728	160,058	186,840	203,935	213,993	219,196	221,110	221,348	223,800	228,871	7.0
Maine	34,134	43,264	57,186	56,547	56,017	56,368	56,986	57,822	58,473	61,127	9.1
Maryland	149,607	225,526	259,700	266,310	260,757	261,262	265,173	268,820	273,745	288,224	10.5
Massachusetts	303,809	418,415	417,833	413,794	411,676	412,620	415,501	419,695	421,142	425,071	3.3
Michigan	392,726	520,131	569,803	548,339	547,629	549,742	557,011	558,998	567,631	585,998	7.0
Minnesota	160,788	206,691	253,789	280,816	284,964	269,887	271,612	282,756	293,445	308,233	8.2
Mississippi	73,967	102,364	122,883	122,690	126,027	130,561	132,438	133,170	137,389	137,882	9.4
Missouri	183,930	234,421	289,899	291,536	293,584	302,896	310,507	317,480	321,348	331,580	12.9
Montana	30,062	35,177	35,876	42,674	43,550	44,141	44,150	43,114	42,240	44,932	3.2
Nebraska	66,915	89,488	112,831	115,718	120,689	111,542	111,123	110,806	112,117	113,817	-5.7
Nevada	13,669	40,455	61,728	67,826	73,970	76,417	83,120	89,711	87,893	93,368	26.2
New Hampshire	29,400	46,794	59,510	64,327	64,396	63,811	60,784	63,366	61,718	65,031	1.0
New Jersey	216,121	321,610	324,286	333,831	328,143	325,754	325,885	330,537	335,945	346,507	5.6
New Mexico	44,461	58,283	85,500	102,405	106,662	108,560	108,810	111,896	110,739	112,861	5.8
New York	806,479	992,237	1,048,286	1,041,566	1,028,351	1,024,498	1,014,220	1,020,991	1,043,395	1,057,794	2.9
North Carolina	171,925	287,537	352,138	372,030	372,993	373,717	387,407	395,907	404,652	427,784	14.7
North Dakota	31,495	34,069	37,878	40,399	41,142	38,937	39,441	40,348	40,248	42,843	4.1
Ohio	376,267	489,145	557,690	540,275	544,371	537,169	542,077	548,545	549,553	569,223	4.6
Oklahoma	110,155	160,295	173,221	180,676	177,166	177,157	178,507	179,055	178,016	189,785	7.1
Oregon	122,177	157,458	165,741	167,145	166,662	169,852	171,056	175,635	183,065	191,378	14.8
Pennsylvania	411,044	507,716	604,060	617,759	587,447	588,185	595,749	605,283	609,521	630,299	7.3
Rhode Island	45,898	66,869	78,273	74,100	72,432	72,078	73,970	74,821	75,450	77,235	6.6
South Carolina	69,518	132,476	159,302	174,125	174,303	176,278	181,353	183,626	185,931	191,590	9.9
South Dakota	30,639	32,761	34,208	36,695	39,820	39,042	41,545	42,147	43,221	45,534	14.3
Tennessee	135,103	204,581	226,238	245,962	247,637	249,805	251,319	252,915	263,910	258,534	4.4
Texas	442,225	701,391	901,437	952,525	959,698	969,283	978,550	990,587	1,033,973	1,076,678	12.2
Utah	81,687	93,987	121,303	147,324	152,262	157,891	151,232	161,591	163,776	177,045	16.3
Vermont	22,209	30,628	36,398	35,065	35,779	36,482	37,054	36,728	35,489	36,351	1.6
Virginia	151,915	280,504	353,442	355,919	355,190	364,904	370,142	377,970	381,893	389,853	9.8
Washington	183,544	303,603	263,384	285,819	303,450	315,281	298,974	306,723	320,840	325,132	7.1
West Virginia	63,153	81,973	84,790	86,034	87,099	87,965	88,107	88,657	87,888	91,319	4.8
Wisconsin	202,058	269,086	299,774	300,223	299,522	298,248	301,963	304,776	307,179	315,850	5.5
Wyoming	15,220	21,147	31,326	30,176	30,805	30,280	29,707	29,002	30,004	31,095	0.9
U.S. Service Schools ⁴ ..	17,079	49,808	48,692	88,451	81,669	83,090	13,991	13,344	13,475	14,561	-82.2
Outlying areas	67,237	137,749	164,618	183,657	182,536	178,154	181,244	185,244	194,633	201,642	10.5
American Samoa	0	976	1,219	1,232	1,239	1,248	909	1,172	297	1,178	-4.9
Federated States of Micronesia	0	224	975	1,296	1,396	1,372	772	1,506	1,576	2,243	60.7
Guam	2,719	3,217	4,741	6,010	5,335	5,533	5,758	5,727	5,215	4,869	-8.7
Marshall Islands	0	0	0	418	431	459	513	616	328	220	-49.0
Northern Marianas	0	0	661	959	1,096	1,136	1,239	1,080	1,078	982	-10.4
Palau	0	0	491	351	332	330	424	569	581	579	74.4
Puerto Rico	63,073	131,184	154,065	170,337	169,809	165,466	168,983	171,832	183,290	188,430	11.0
Virgin Islands	1,445	2,148	2,466	3,054	2,898	2,610	2,646	2,742	2,268	3,141	8.4

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

² Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

³ Data were imputed using alternative procedures. (See Guide to Sources for details.)

⁴ Data for 1998 and later years reflect substantial changes in survey coverage.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 and 1980; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1990 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 193. Total fall enrollment in public degree-granting institutions, by state or jurisdiction: Selected years, 1970 to 2001

State or jurisdiction	Institutions of higher education ¹				Degree-granting institutions ²							Percent change, 1996 to 2001
	Fall 1970	Fall 1980	Fall 1990	Fall 1995	Fall 1996	Fall 1997	Fall 1998	Fall 1999 ³	Fall 2000	Fall 2001		
1	2	3	4	5	6	7	8	9	10	11	12	
United States	6,428,134	9,457,394	10,844,717	11,092,374	11,120,499	11,196,119	11,137,769	11,309,399	11,752,786	12,233,156	10.0	
Alabama	87,884	143,674	195,939	203,165	196,531	193,974	190,685	197,173	207,435	208,385	6.0	
Alaska	8,563	20,561	27,792	28,368	27,828	26,717	26,296	25,687	26,559	26,550	-4.6	
Arizona	107,315	194,034	248,213	254,530	259,163	260,832	268,102	276,268	284,522	294,174	13.5	
Arkansas	43,599	66,068	78,645	87,067	97,405	100,855	102,264	103,326	101,775	108,950	11.9	
California	1,123,529	1,599,838	1,594,710	1,564,230	1,625,021	1,664,478	1,646,329	1,692,607	1,927,771	2,043,182	25.7	
Colorado	108,562	145,598	200,653	210,312	209,183	213,475	216,351	219,436	217,897	222,815	6.5	
Connecticut	73,391	97,788	109,556	100,539	96,336	95,041	94,299	96,834	101,027	104,066	8.0	
Delaware	21,151	28,325	34,252	36,204	36,579	36,495	37,362	36,895	34,194	36,510	-0.2	
District of Columbia	12,194	13,900	11,990	9,663	7,736	4,887	5,410	5,349	5,499	5,589	-27.8	
Florida	189,450	334,349	489,081	530,607	529,422	534,721	531,921	540,967	556,912	588,921	11.2	
Georgia	101,900	140,158	196,413	248,682	230,204	235,011	229,928	237,411	271,755	298,215	29.5	
Hawaii	32,963	43,269	45,728	50,198	47,370	45,542	45,270	46,479	44,579	45,994	-2.9	
Idaho	27,072	34,491	41,315	48,986	49,806	50,233	51,330	52,615	53,751	56,673	13.8	
Illinois	315,634	491,274	551,333	530,248	532,470	536,578	533,294	533,522	534,155	534,280	0.3	
Indiana	136,739	189,224	223,953	224,795	220,967	224,522	228,450	230,810	240,023	259,258	17.3	
Iowa	68,390	97,454	117,834	122,396	125,923	128,073	129,302	133,753	135,008	140,227	11.4	
Kansas	88,215	121,987	149,117	160,449	156,446	159,955	158,594	157,088	159,976	164,173	4.9	
Kentucky	77,240	114,884	147,095	148,808	147,423	146,295	146,344	146,558	151,973	178,349	21.0	
Louisiana	101,127	136,703	158,290	174,873	185,223	189,179	189,896	188,573	189,213	194,790	5.2	
Maine	25,405	31,878	41,500	38,195	38,260	38,010	38,636	40,349	40,662	42,425	10.9	
Maryland	118,988	195,051	220,783	222,857	217,277	217,250	219,055	220,809	223,797	236,795	9.0	
Massachusetts	116,127	183,765	186,035	176,777	173,854	174,694	178,376	181,514	183,248	186,891	7.5	
Michigan	339,625	454,147	487,359	462,390	458,989	458,561	462,580	461,825	467,861	482,154	5.0	
Minnesota	130,567	162,379	199,211	217,249	213,284	203,088	200,422	207,474	218,617	225,941	5.9	
Mississippi	64,968	90,661	109,038	110,600	114,905	118,847	120,831	121,369	125,355	125,656	9.4	
Missouri	132,540	165,179	200,093	189,993	189,851	190,608	194,462	199,324	201,509	206,721	8.9	
Montana	27,287	31,178	31,865	37,435	38,000	38,702	38,768	38,336	37,387	39,368	3.6	
Nebraska	51,454	73,509	94,614	95,599	99,717	89,414	89,040	88,386	88,531	89,639	-10.1	
Nevada	13,576	40,280	61,242	66,683	71,925	73,309	79,147	85,270	83,120	86,790	20.7	
New Hampshire	15,979	24,119	32,163	36,069	36,365	35,259	32,187	34,927	35,870	37,224	2.4	
New Jersey	145,373	247,028	261,601	271,069	264,596	261,365	260,092	263,752	266,921	275,655	4.2	
New Mexico	40,795	55,077	83,403	97,220	99,918	100,708	101,150	103,125	101,450	103,758	3.8	
New York	449,437	563,251	616,884	588,491	572,482	567,893	567,202	566,306	583,417	584,607	2.1	
North Carolina	123,761	228,154	285,405	303,099	302,939	302,033	314,110	321,311	329,422	350,684	15.8	
North Dakota	30,192	31,709	34,690	36,810	36,765	35,037	35,264	35,940	36,014	38,560	4.9	
Ohio	281,099	381,765	427,613	409,818	407,108	404,694	408,487	411,541	411,161	425,265	4.5	
Oklahoma	91,438	137,188	151,073	158,026	154,381	154,572	155,796	155,361	153,699	163,336	5.8	
Oregon	108,483	140,102	144,427	143,617	141,429	144,342	144,326	148,177	154,756	162,645	15.0	
Pennsylvania	232,982	292,499	343,478	339,928	335,181	334,901	338,047	336,930	339,229	353,950	5.6	
Rhode Island	25,277	35,052	42,350	38,653	37,487	37,251	38,368	38,650	38,458	39,149	4.4	
South Carolina	47,101	107,683	131,134	148,706	148,363	148,694	152,542	153,496	155,519	158,661	6.9	
South Dakota	29,936	24,328	26,596	29,693	32,861	32,863	34,088	34,197	34,857	37,310	13.5	
Tennessee	98,897	156,835	175,409	193,136	194,138	193,516	193,393	193,646	202,530	194,696	0.3	
Texas	365,522	613,552	802,314	836,851	838,943	845,686	849,075	862,271	896,534	935,826	11.5	
Utah	49,588	59,598	86,108	110,560	113,696	118,619	111,315	120,558	123,046	133,790	17.7	
Vermont	12,536	17,984	20,910	20,470	20,139	20,540	20,549	20,580	20,021	20,480	1.7	
Virginia	123,279	246,500	291,286	293,127	292,412	301,594	305,455	311,536	313,780	326,758	11.7	
Washington	162,718	276,028	227,632	246,635	262,359	274,705	257,047	263,415	273,928	277,023	5.6	
West Virginia	51,363	71,228	74,108	74,857	75,116	76,078	76,322	76,777	76,136	78,304	4.2	
Wisconsin	170,374	235,179	253,529	245,770	245,060	243,858	247,462	249,608	249,737	257,888	5.2	
Wyoming	15,220	21,121	30,623	29,420	29,994	29,475	28,757	27,944	28,715	29,545	-1.5	
U.S. Service Schools ⁴	17,079	49,808	48,692	88,451	81,669	83,090	13,991	13,344	13,475	14,561	-82.2	
Outlying areas	46,680	60,692	66,244	77,050	79,083	80,715	82,537	83,919	84,464	85,535	8.2	
American Samoa	0	976	1,219	1,232	1,239	1,248	909	1,172	297	1,178	-4.9	
Federated States of Micronesia	0	224	975	1,296	1,396	1,372	772	1,506	1,576	2,243	60.7	
Guam	2,719	3,217	4,741	6,010	5,335	5,533	5,758	5,727	5,215	4,869	-8.7	
Marshall Islands	0	0	0	418	431	459	513	616	328	220	-49.0	
Northern Marianas	0	0	661	959	1,096	1,136	1,239	1,080	1,078	982	-10.4	
Palau	0	0	491	351	332	330	424	569	581	579	74.4	
Puerto Rico	42,516	54,127	55,691	63,730	66,356	68,027	70,276	70,507	73,121	73,173	10.3	
Virgin Islands	1,445	2,148	2,466	3,054	2,898	2,610	2,646	2,742	2,268	2,291	-20.9	

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

² Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

³ Data were imputed using alternative procedures. (See Guide to Sources for details.)

⁴ Data for 1998 and later years reflect substantial changes in survey coverage.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 and 1980; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1990 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 194. Total fall enrollment in private degree-granting institutions, by state or jurisdiction: Selected years, 1970 to 2001

State or jurisdiction	Institutions of higher education ¹				Degree-granting institutions ²							Percent change, 1996 to 2001
	Fall 1970	Fall 1980	Fall 1990	Fall 1995	Fall 1996	Fall 1997	Fall 1998	Fall 1999 ³	Fall 2000	Fall 2001		
1	2	3	4	5	6	7	8	9	10	11	12	
United States	2,152,753	2,639,501	2,973,920	3,169,407	3,247,021	3,306,215	3,369,198	3,481,825	3,559,503	3,694,831	13.8	
Alabama	16,052	20,632	22,650	22,447	24,180	24,811	25,556	25,971	26,527	27,761	14.8	
Alaska	908	735	2,041	980	978	1,198	1,356	1,261	1,394	1,206	23.3	
Arizona	2,304	8,682	15,935	19,451	28,873	31,898	34,021	49,891	57,968	72,311	150.4	
Arkansas	8,440	11,539	11,780	11,113	11,231	11,487	11,487	11,766	13,397	13,332	18.7	
California	133,716	191,155	214,030	252,812	275,078	293,722	303,179	324,876	328,937	336,908	22.5	
Colorado	14,833	17,318	26,478	32,427	35,929	38,770	40,896	42,308	45,975	46,477	29.4	
Connecticut	51,309	61,844	59,048	57,156	57,803	58,087	59,037	60,073	60,216	60,961	5.5	
Delaware	4,109	4,614	7,752	8,103	8,259	8,395	8,898	9,718	9,703	10,594	28.3	
District of Columbia	64,964	72,775	67,561	67,614	66,724	67,510	66,978	66,769	67,190	81,663	22.4	
Florida	46,075	77,542	99,005	106,696	116,410	123,538	129,266	143,778	150,772	164,633	41.4	
Georgia	24,611	44,001	55,373	66,030	70,591	71,227	73,757	74,401	74,449	77,883	10.3	
Hawaii	3,599	3,912	10,708	13,000	15,474	15,972	16,345	16,099	15,603	16,085	3.9	
Idaho	7,495	8,527	10,566	10,580	10,605	11,408	11,755	12,046	11,843	13,001	22.6	
Illinois	136,512	152,971	177,913	187,606	188,663	189,621	195,790	199,660	209,763	214,164	13.5	
Indiana	55,929	58,029	60,879	64,820	69,217	70,995	70,726	73,915	74,311	79,457	14.8	
Iowa	40,512	42,995	52,681	51,439	52,937	52,894	52,642	53,027	53,966	54,595	3.1	
Kansas	14,270	14,618	14,616	17,194	17,419	17,589	18,967	19,649	19,992	20,770	19.2	
Kentucky	21,351	28,182	30,757	30,050	31,481	32,629	34,206	35,068	36,368	36,490	15.9	
Louisiana	19,601	23,355	28,550	29,062	28,770	30,017	31,214	32,775	34,587	34,081	18.5	
Maine	8,729	11,386	15,686	18,352	17,757	18,358	18,350	17,473	17,811	18,702	5.3	
Maryland	30,619	30,475	38,917	43,453	43,480	44,012	46,118	48,011	49,948	51,429	18.3	
Massachusetts	187,682	234,650	231,798	237,017	237,822	237,926	237,125	238,181	237,894	238,180	0.2	
Michigan	53,101	65,984	82,444	85,949	88,640	91,181	94,431	97,173	99,770	103,844	17.2	
Minnesota	30,221	44,312	54,578	63,567	71,680	66,799	71,190	75,282	74,828	82,292	14.8	
Mississippi	8,999	11,703	13,845	12,090	11,122	11,714	11,607	11,801	12,034	12,226	9.9	
Missouri	51,390	69,242	89,806	101,543	103,733	112,288	116,045	118,156	119,839	124,859	20.4	
Montana	2,775	3,999	4,011	5,239	5,550	5,439	5,382	4,778	4,853	5,564	0.3	
Nebraska	15,461	15,979	18,217	20,119	20,972	22,128	22,083	22,420	23,586	24,178	15.3	
Nevada	93	175	486	1,143	2,045	3,108	3,973	4,441	4,773	6,578	221.7	
New Hampshire	13,421	22,675	27,347	28,258	28,031	28,552	28,597	28,439	25,848	27,807	-0.8	
New Jersey	70,748	74,582	62,685	62,762	63,547	64,389	65,793	66,785	69,024	70,852	11.5	
New Mexico	3,666	3,206	2,097	5,185	6,744	7,852	7,660	8,771	9,289	9,103	35.0	
New York	357,042	428,986	431,402	453,075	455,869	456,605	447,018	454,685	459,978	473,187	3.8	
North Carolina	48,164	59,383	66,733	68,931	70,054	71,684	73,297	74,596	75,230	77,100	10.1	
North Dakota	1,303	2,360	3,188	3,589	4,377	3,900	4,177	4,408	4,234	4,283	-2.1	
Ohio	95,168	107,380	130,077	130,457	137,263	132,475	133,590	137,004	138,392	143,958	4.9	
Oklahoma	18,717	23,107	22,148	22,650	22,785	22,585	22,711	23,694	24,317	26,449	16.1	
Oregon	13,694	17,356	21,314	23,528	25,233	25,510	26,730	27,458	28,309	28,733	13.9	
Pennsylvania	178,062	215,217	260,582	277,831	252,266	253,284	257,702	268,353	270,292	276,349	9.5	
Rhode Island	20,371	31,817	35,923	35,447	34,945	34,827	35,602	36,171	36,992	38,086	9.0	
South Carolina	22,417	24,793	28,168	25,419	25,940	27,584	28,811	30,130	30,412	32,929	26.9	
South Dakota	6,703	8,433	7,612	7,002	6,959	6,179	7,457	7,950	8,364	8,224	18.2	
Tennessee	36,206	47,746	51,189	52,826	53,499	56,289	57,926	59,269	61,380	63,838	19.3	
Texas	76,703	87,839	99,123	115,674	120,755	123,597	129,475	128,316	137,439	140,852	16.6	
Utah	32,099	34,389	35,195	36,764	38,566	39,272	39,917	41,033	40,730	43,255	12.2	
Vermont	9,673	12,644	15,488	14,595	15,640	15,942	16,505	16,148	15,468	15,871	1.5	
Virginia	28,636	34,004	62,156	62,792	62,778	63,310	64,687	66,434	68,113	63,095	0.5	
Washington	20,826	27,575	35,752	39,184	41,091	40,576	41,927	43,308	46,912	48,109	17.1	
West Virginia	11,790	10,745	10,682	11,177	11,983	11,887	11,785	11,880	11,752	13,015	8.6	
Wisconsin	31,684	33,907	46,245	54,453	54,462	54,390	54,501	55,168	57,442	57,962	6.4	
Wyoming	0	26	703	756	811	805	950	1,058	1,289	1,550	91.1	
Outlying areas	20,557	77,057	98,374	106,607	103,453	97,439	98,707	101,325	110,169	116,107	11.4	
American Samoa	0	0	0	0	0	0	0	0	0	0	†	
Federated States of Micronesia	0	0	0	0	0	0	0	0	0	0	†	
Guam	0	0	0	0	0	0	0	0	0	0	†	
Marshall Islands	0	0	0	0	0	0	0	0	0	0	†	
Northern Marianas	0	0	0	0	0	0	0	0	0	0	†	
Palau	0	0	0	0	0	0	0	0	0	0	†	
Puerto Rico	20,557	77,057	98,374	106,607	103,453	97,439	98,707	101,325	110,169	115,257	11.4	
Virgin Islands	0	0	0	0	0	0	0	0	0	850	†	

† Not applicable.

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.² Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.³ Data were imputed using alternative procedures. (See Guide to Sources for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 and 1980; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1990 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 195. Total fall enrollment in all degree-granting institutions, by attendance status, sex, and state or jurisdiction: 2000 and 2001

State or jurisdiction	Fall 2000					Fall 2001				
	Total	Full-time		Part-time		Total	Full-time		Part-time	
		Men	Women	Men	Women		Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
United States	15,312,289	4,111,093	4,898,507	2,610,676	3,692,013	15,927,987	4,299,890	5,147,612	2,660,925	3,819,560
Alabama	233,962	67,698	87,437	32,625	46,202	236,146	68,967	88,840	32,177	46,162
Alaska	27,953	4,972	6,120	6,249	10,612	27,756	5,108	6,382	5,954	10,312
Arizona	342,490	80,237	82,962	75,531	103,760	366,485	89,645	97,221	74,053	105,566
Arkansas	115,172	33,663	44,778	14,236	22,495	122,282	34,922	46,487	15,804	25,069
California	2,256,708	474,814	578,823	535,032	668,039	2,380,090	501,915	613,370	563,150	701,655
Colorado	263,872	69,218	75,994	51,576	67,084	269,292	69,912	78,537	50,892	69,951
Connecticut	161,243	42,573	50,474	26,979	41,217	165,027	44,032	52,981	26,403	41,611
Delaware	43,897	12,002	16,350	5,496	10,049	47,104	12,410	16,952	6,464	11,278
District of Columbia	72,689	21,831	29,089	9,001	12,768	87,252	23,960	31,770	13,184	18,338
Florida	707,684	163,860	200,850	139,766	203,208	753,554	176,028	219,054	145,165	213,307
Georgia	346,204	99,097	124,694	48,303	74,110	376,098	106,003	135,456	52,929	81,710
Hawaii	60,182	16,416	20,675	9,963	13,128	62,079	16,413	21,112	10,557	13,997
Idaho	65,594	20,421	23,831	8,838	12,504	69,674	22,195	24,755	9,159	13,565
Illinois	743,918	184,758	213,345	141,716	204,099	748,444	187,707	218,762	139,038	202,937
Indiana	314,334	100,792	112,355	44,521	56,666	338,715	104,904	117,962	49,204	66,645
Iowa	188,974	62,886	69,248	22,707	34,133	194,822	64,819	71,697	23,620	34,686
Kansas	179,968	49,046	53,116	31,242	46,564	184,943	50,761	54,989	31,891	47,302
Kentucky	188,341	54,713	71,769	23,206	38,653	214,839	59,107	77,780	33,175	44,777
Louisiana	223,800	68,557	91,389	25,089	38,765	228,871	70,127	95,171	24,583	38,990
Maine	58,473	15,037	18,917	7,980	16,539	61,127	15,831	19,752	8,024	17,520
Maryland	273,745	62,820	78,312	50,152	82,461	288,224	66,274	82,536	52,834	86,580
Massachusetts	421,142	123,735	149,124	58,388	89,895	425,071	126,082	152,121	57,295	89,573
Michigan	567,631	138,966	169,279	107,807	151,579	585,998	146,596	179,468	106,577	153,357
Minnesota	293,445	85,015	97,977	48,868	61,585	308,233	90,259	104,684	47,717	65,573
Mississippi	137,389	43,101	57,606	13,197	23,485	137,882	45,043	61,979	10,726	20,134
Missouri	321,348	85,877	101,640	54,246	79,585	331,580	89,526	106,247	54,407	81,400
Montana	42,240	15,572	16,612	4,002	6,054	44,932	16,358	17,713	4,189	6,672
Nebraska	112,117	33,789	37,611	16,770	23,947	113,817	34,709	38,554	16,855	23,699
Nevada	87,893	14,753	18,429	23,667	31,044	93,368	16,616	21,721	23,718	31,313
New Hampshire	61,718	18,060	22,263	8,164	13,231	65,031	19,253	23,269	8,592	13,917
New Jersey	335,945	89,255	104,464	56,390	85,836	346,507	92,876	108,894	56,369	88,368
New Mexico	110,739	26,121	33,090	19,972	31,556	112,861	26,871	34,246	19,729	32,015
New York	1,043,395	310,984	386,912	130,201	215,298	1,057,794	321,297	399,430	124,836	212,231
North Carolina	404,652	110,582	141,602	59,693	92,775	427,784	117,829	152,358	60,726	96,871
North Dakota	40,248	16,508	15,727	3,430	4,583	42,843	17,502	16,369	3,818	5,154
Ohio	549,553	163,067	192,787	78,624	115,075	569,223	170,775	201,794	79,198	117,456
Oklahoma	178,016	54,273	59,281	26,735	37,727	189,785	57,926	63,834	27,698	40,327
Oregon	183,065	47,511	54,702	35,835	45,017	191,378	51,351	58,595	35,494	45,938
Pennsylvania	609,521	204,216	231,026	68,247	106,032	630,299	211,248	237,374	69,487	112,190
Rhode Island	75,450	23,620	26,864	9,531	15,435	77,235	24,468	28,193	9,204	15,370
South Carolina	185,931	52,308	67,636	24,255	41,732	191,590	53,412	70,398	24,230	43,550
South Dakota	43,221	14,217	15,443	4,874	8,687	45,534	14,603	15,819	5,241	9,871
Tennessee	263,910	78,876	99,630	34,379	51,025	258,534	79,674	101,182	30,390	47,288
Texas	1,033,973	269,098	310,096	195,780	258,999	1,076,678	281,344	326,638	198,149	270,547
Utah	163,776	51,621	50,481	30,972	30,702	177,045	56,308	52,972	34,151	33,614
Vermont	35,489	11,949	13,394	3,641	6,505	36,351	12,388	13,667	3,630	6,666
Virginia	381,893	98,046	121,508	65,784	96,555	389,853	101,492	125,280	65,780	97,301
Washington	320,840	87,841	103,680	54,827	74,492	325,132	90,872	107,673	51,980	74,607
West Virginia	87,888	30,018	33,636	9,191	15,043	91,319	31,074	35,221	9,764	15,260
Wisconsin	307,179	86,812	104,845	48,261	67,261	315,850	90,052	109,278	47,894	68,626
Wyoming	30,004	8,447	8,603	4,737	8,217	31,095	8,823	8,737	4,821	8,714
U.S. Service Schools	13,475	11,444	2,031	0	0	14,561	12,223	2,338	0	0
Outlying areas	194,633	58,071	89,604	19,148	27,810	201,642	60,953	93,378	18,828	28,483
American Samoa	297	69	103	47	78	1,178	269	388	182	339
Federated States of Micronesia	1,576	529	644	218	185	2,243	706	879	321	337
Guam	5,215	971	1,674	1,045	1,525	4,869	910	1,568	1,011	1,380
Marshall Islands	328	38	46	140	104	220	103	109	6	2
Northern Marianas	1,078	210	310	222	336	982	135	282	222	343
Palau	581	167	217	78	119	579	167	217	77	118
Puerto Rico	183,290	55,822	85,742	17,149	24,577	188,430	57,620	89,009	16,774	25,027
Virgin Islands	2,268	265	868	249	886	3,141	1,043	926	235	937

NOTE: Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 196. Total fall enrollment in public degree-granting institutions, by attendance status, sex, and state or jurisdiction: 2000 and 2001

State or jurisdiction	Fall 2000					Fall 2001				
	Total	Full-time		Part-time		Total	Full-time		Part-time	
		Men	Women	Men	Women		Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
United States	11,752,786	2,899,900	3,471,326	2,232,507	3,149,053	12,233,156	3,043,734	3,643,971	2,283,877	3,261,574
Alabama	207,435	57,839	74,666	31,028	43,902	208,385	58,998	75,372	30,556	43,459
Alaska	26,559	4,633	5,748	5,935	10,243	26,550	4,846	5,964	5,719	10,021
Arizona	284,522	52,866	61,626	70,981	99,049	294,174	56,452	64,971	71,480	101,271
Arkansas	101,775	28,477	38,090	13,609	21,599	108,950	29,578	40,078	15,212	24,082
California	1,927,771	353,280	444,427	501,518	628,546	2,043,182	378,231	472,245	530,200	662,506
Colorado	217,897	53,879	60,178	44,360	59,480	222,815	55,914	62,994	42,916	60,991
Connecticut	101,027	22,645	26,614	20,096	31,672	104,066	23,759	28,476	19,809	32,022
Delaware	34,194	10,049	13,634	3,876	6,635	36,510	10,373	13,899	4,653	7,585
District of Columbia	5,499	794	1,143	1,244	2,318	5,589	806	1,149	1,285	2,349
Florida	556,912	113,752	145,907	118,127	179,126	588,921	121,864	157,015	122,273	187,769
Georgia	271,755	72,412	90,879	42,265	66,199	298,215	78,434	98,732	47,306	73,743
Hawaii	44,579	11,342	13,893	8,157	11,187	45,994	11,589	14,246	8,313	11,846
Idaho	53,751	15,669	17,437	8,507	12,138	56,673	16,709	18,015	8,833	13,116
Illinois	534,155	119,060	136,320	114,200	164,575	534,280	120,597	139,265	112,324	162,094
Indiana	240,023	71,985	79,094	40,395	48,549	259,258	75,176	82,350	44,268	57,464
Iowa	135,008	44,624	46,587	18,398	25,399	140,227	46,154	48,186	19,240	26,647
Kansas	159,976	42,817	45,777	29,047	42,335	164,173	44,288	47,285	29,616	42,984
Kentucky	151,973	42,469	56,479	19,891	33,134	178,349	47,130	61,689	30,151	39,379
Louisiana	189,213	57,040	75,711	21,897	34,565	194,790	59,108	78,358	22,500	34,824
Maine	40,662	10,237	12,298	6,459	11,668	42,425	10,615	12,735	6,542	12,533
Maryland	223,797	50,462	62,472	41,988	68,875	236,795	52,990	66,081	44,108	73,616
Massachusetts	183,248	42,967	51,890	33,728	54,663	186,891	44,831	54,128	33,401	54,531
Michigan	467,861	113,752	133,762	92,857	127,490	482,154	120,128	140,967	91,568	129,491
Minnesota	218,617	61,088	67,068	40,938	49,523	225,941	64,856	70,588	39,304	51,193
Mississippi	125,355	39,545	51,723	12,421	21,666	125,656	41,397	55,861	9,975	18,423
Missouri	201,509	51,854	62,961	33,316	53,378	206,721	54,228	65,303	33,442	53,748
Montana	37,387	14,319	14,705	3,350	5,013	39,368	14,800	15,481	3,557	5,530
Nebraska	88,531	25,286	27,086	15,227	20,932	89,639	25,935	27,929	15,186	20,589
Nevada	83,120	12,914	15,981	23,551	30,674	86,790	14,536	18,066	23,544	30,644
New Hampshire	35,870	9,302	11,923	5,772	8,873	37,224	9,774	12,194	5,914	9,342
New Jersey	266,921	66,545	81,793	46,576	72,007	275,655	69,231	85,242	46,626	74,556
New Mexico	101,450	22,840	29,044	19,209	30,357	103,758	23,599	30,042	19,145	30,972
New York	583,417	157,724	199,159	85,585	140,949	584,607	161,581	203,973	81,477	137,576
North Carolina	329,422	81,900	105,989	55,597	85,936	350,684	88,997	116,322	56,009	89,356
North Dakota	36,014	14,927	13,480	3,325	4,282	38,560	15,878	14,033	3,720	4,929
Ohio	411,161	115,127	136,867	65,542	93,625	425,265	121,176	143,402	65,650	95,037
Oklahoma	153,699	43,622	49,387	24,907	35,783	163,336	46,559	53,316	25,392	38,069
Oregon	154,756	37,478	41,868	33,398	42,012	162,645	40,860	45,455	33,442	42,888
Pennsylvania	339,229	109,621	121,745	42,640	65,223	353,950	113,888	126,197	43,857	70,008
Rhode Island	38,458	8,236	11,794	6,377	12,051	39,149	8,504	12,252	6,254	12,139
South Carolina	155,519	41,611	53,185	22,328	38,395	158,661	41,943	54,195	22,455	40,068
South Dakota	34,857	11,897	11,972	3,843	7,145	37,310	12,477	12,342	4,189	8,302
Tennessee	202,530	54,652	70,835	31,151	45,892	194,696	54,684	70,978	27,124	41,910
Texas	896,534	220,548	259,303	177,633	239,050	935,826	231,188	273,657	180,771	250,210
Utah	123,046	34,375	32,812	27,944	27,915	133,790	38,178	34,823	30,393	30,396
Vermont	20,021	5,979	6,838	2,511	4,693	20,480	6,065	7,051	2,484	4,880
Virginia	313,780	76,731	93,059	57,765	86,225	326,758	79,690	97,002	60,506	89,560
Washington	273,928	74,182	85,130	47,695	66,921	277,023	76,398	88,545	45,321	66,759
West Virginia	76,136	25,835	27,595	8,707	13,999	78,304	26,396	28,594	9,204	14,110
Wisconsin	249,737	70,097	82,771	41,899	54,970	257,888	72,829	85,874	41,842	57,343
Wyoming	28,715	7,171	8,590	4,737	8,217	29,545	7,294	8,716	4,821	8,714
US Service Schools	13,475	11,444	2,031	0	0	14,561	12,223	2,338	0	0
Outlying areas	84,464	25,652	41,037	6,613	11,162	85,535	25,520	41,377	6,979	11,659
American Samoa	297	69	103	47	78	1,178	269	388	182	339
Federated States of Micronesia	1,576	529	644	218	185	2,243	706	879	321	337
Guam	5,215	971	1,674	1,045	1,525	4,869	910	1,568	1,011	1,380
Marshall Islands	328	38	46	140	104	220	103	109	6	2
Northern Marianas	1,078	210	310	222	336	982	135	282	222	343
Palau	581	167	217	78	119	579	167	217	77	118
Puerto Rico	73,121	23,403	37,175	4,614	7,929	73,173	22,954	37,091	4,925	8,203
Virgin Islands	2,268	265	868	249	886	2,291	276	843	235	937

NOTE: Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 197. Total fall enrollment in private degree-granting institutions, by attendance status, sex, and state or jurisdiction: 2000 and 2001

State or jurisdiction	Fall 2000					Fall 2001				
	Total	Full-time		Part-time		Total	Full-time		Part-time	
		Men	Women	Men	Women		Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
United States	3,559,503	1,211,193	1,427,181	378,169	542,960	3,694,831	1,256,156	1,503,641	377,048	557,986
Alabama	26,527	9,859	12,771	1,597	2,300	27,761	9,969	13,468	1,621	2,703
Alaska	1,394	339	372	314	369	1,206	262	418	235	291
Arizona	57,968	27,371	21,336	4,550	4,711	72,311	33,193	32,250	2,573	4,295
Arkansas	13,397	5,186	6,688	627	896	13,332	5,344	6,409	592	987
California	328,937	121,534	134,396	33,514	39,493	336,908	123,684	141,125	32,950	39,149
Colorado	45,975	15,339	15,816	7,216	7,604	46,477	13,998	15,543	7,976	8,960
Connecticut	60,216	19,928	23,860	6,883	9,545	60,961	20,273	24,505	6,594	9,589
Delaware	9,703	1,953	2,716	1,620	3,414	10,594	2,037	3,053	1,811	3,693
District of Columbia	67,190	21,037	27,946	7,757	10,450	81,663	23,154	30,621	11,899	15,989
Florida	150,772	50,108	54,943	21,639	24,082	164,633	54,164	62,039	22,892	25,538
Georgia	74,449	26,685	33,815	6,038	7,911	77,883	27,569	36,724	5,623	7,967
Hawaii	15,603	5,074	6,782	1,806	1,941	16,085	4,824	6,866	2,244	2,151
Idaho	11,843	4,752	6,394	331	366	13,001	5,486	6,740	326	449
Illinois	209,763	65,698	77,025	27,516	39,524	214,164	67,110	79,497	26,714	40,843
Indiana	74,311	28,807	33,261	4,126	8,117	79,457	29,728	35,612	4,936	9,181
Iowa	53,966	18,262	22,661	4,309	8,734	54,595	18,665	23,511	4,380	8,039
Kansas	19,992	6,229	7,339	2,195	4,229	20,770	6,473	7,704	2,275	4,318
Kentucky	36,368	12,244	15,290	3,315	5,519	36,490	11,977	16,091	3,024	5,398
Louisiana	34,587	11,517	15,678	3,192	4,200	34,081	11,019	16,813	2,083	4,166
Maine	17,811	4,800	6,619	1,521	4,871	18,702	5,216	7,017	1,482	4,987
Maryland	49,948	12,358	15,840	8,164	13,586	51,429	13,284	16,455	8,726	12,964
Massachusetts	237,894	80,768	97,234	24,660	35,232	238,180	81,251	97,993	23,894	35,042
Michigan	99,770	25,214	35,517	14,950	24,089	103,844	26,468	38,501	15,009	23,866
Minnesota	74,828	23,927	30,909	7,930	12,062	82,292	25,403	34,096	8,413	14,380
Mississippi	12,034	3,556	5,883	776	1,819	12,226	3,646	6,118	751	1,711
Missouri	119,839	34,023	38,679	20,930	26,207	124,859	35,298	40,944	20,965	27,652
Montana	4,853	1,253	1,907	652	1,041	5,564	1,558	2,232	632	1,142
Nebraska	23,586	8,503	10,525	1,543	3,015	24,178	8,774	10,625	1,669	3,110
Nevada	4,773	1,839	2,448	116	370	6,578	2,080	3,655	174	669
New Hampshire	25,848	8,758	10,340	2,392	4,358	27,807	9,479	11,075	2,678	4,575
New Jersey	69,024	22,710	22,671	9,814	13,829	70,852	23,645	23,652	9,743	13,812
New Mexico	9,289	3,281	4,046	763	1,199	9,103	3,272	4,204	584	1,043
New York	459,978	153,260	187,753	44,616	74,349	473,187	159,716	195,457	43,359	74,655
North Carolina	75,230	28,682	35,613	4,096	6,839	77,100	28,832	36,036	4,717	7,515
North Dakota	4,234	1,581	2,247	105	301	4,283	1,624	2,336	98	225
Ohio	138,392	47,940	55,920	13,082	21,450	143,958	49,599	58,392	13,548	22,419
Oklahoma	24,317	10,651	9,894	1,828	1,944	26,449	11,367	10,518	2,306	2,258
Oregon	28,309	10,033	12,834	2,437	3,005	28,733	10,491	13,140	2,052	3,050
Pennsylvania	270,292	94,595	109,281	25,607	40,809	276,349	97,360	111,177	25,630	42,182
Rhode Island	36,992	15,384	15,070	3,154	3,384	38,086	15,964	15,941	2,950	3,231
South Carolina	30,412	10,697	14,451	1,927	3,337	32,929	11,469	16,203	1,775	3,482
South Dakota	8,364	2,320	3,471	1,031	1,542	8,224	2,126	3,477	1,052	1,569
Tennessee	61,380	24,224	28,795	3,228	5,133	63,838	24,990	30,204	3,266	5,378
Texas	137,439	48,550	50,793	18,147	19,949	140,852	50,156	52,981	17,378	20,337
Utah	40,730	17,246	17,669	3,028	2,787	43,255	18,130	18,149	3,758	3,218
Vermont	15,468	5,970	6,556	1,130	1,812	15,871	6,323	6,616	1,146	1,786
Virginia	68,113	21,315	28,449	8,019	10,330	63,095	21,802	28,278	5,274	7,741
Washington	46,912	13,659	18,550	7,132	7,571	48,109	14,474	19,128	6,659	7,848
West Virginia	11,752	4,183	6,041	484	1,044	13,015	4,678	6,627	560	1,150
Wisconsin	57,442	16,715	22,074	6,362	12,291	57,962	17,223	23,404	6,052	11,283
Wyoming	1,289	1,276	13	0	0	1,550	1,529	21	0	0
Outlying areas	110,169	32,419	48,567	12,535	16,648	116,107	35,433	52,001	11,849	16,824
American Samoa	0	0	0	0	0	0	0	0	0	0
Federated States of Micronesia	0	0	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0	0	0
Marshall Islands	0	0	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0	0	0
Palau	0	0	0	0	0	0	0	0	0	0
Puerto Rico	110,169	32,419	48,567	12,535	16,648	115,257	34,666	51,918	11,849	16,824
Virgin Islands	0	0	0	0	0	850	767	83	0	0

NOTE: Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 198. Total fall enrollment in private not-for-profit degree-granting institutions, by attendance status, sex, and state or jurisdiction: 2000 and 2001

State or jurisdiction	Fall 2000					Fall 2001				
	Total	Full-time		Part-time		Total	Full-time		Part-time	
		Men	Women	Men	Women		Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
United States	3,109,419	1,018,063	1,254,635	337,313	499,408	3,167,330	1,033,599	1,288,661	335,185	509,885
Alabama	22,649	8,011	11,268	1,386	1,984	23,207	8,036	11,425	1,408	2,338
Alaska	908	216	306	149	237	811	180	350	97	184
Arizona	11,092	2,520	3,652	1,523	3,397	13,900	4,151	4,156	1,708	3,885
Arkansas	12,640	4,843	6,274	627	896	12,516	4,943	5,994	592	987
California	252,449	85,786	103,675	28,412	34,576	251,200	84,693	103,806	27,924	34,777
Colorado	27,548	7,403	9,392	4,880	5,873	26,788	6,280	7,984	5,694	6,830
Connecticut	58,444	19,367	23,022	6,789	9,266	59,137	19,725	23,609	6,490	9,313
Delaware	9,703	1,953	2,716	1,620	3,414	10,594	2,037	3,053	1,811	3,693
District of Columbia	64,212	20,397	27,184	7,198	9,433	67,056	20,990	28,391	7,647	10,028
Florida	113,580	35,349	40,469	18,451	19,311	119,999	36,182	44,325	19,177	20,315
Georgia	64,123	22,869	30,098	4,818	6,338	64,618	22,859	31,695	4,009	6,055
Hawaii	13,727	4,443	5,665	1,781	1,838	14,132	4,208	5,614	2,214	2,096
Idaho	11,167	4,414	6,066	329	358	11,457	4,557	6,156	312	432
Illinois	184,856	57,564	70,933	22,112	34,247	189,172	58,680	72,773	22,045	35,674
Indiana	67,307	25,913	29,991	3,989	7,414	70,865	26,410	31,304	4,712	8,439
Iowa	51,625	16,965	21,702	4,284	8,674	51,688	17,315	22,298	4,252	7,823
Kansas	19,522	6,011	7,087	2,195	4,229	20,184	6,217	7,375	2,275	4,317
Kentucky	28,015	9,776	11,276	2,691	4,272	26,804	9,022	11,517	2,210	4,055
Louisiana	29,963	9,694	13,061	3,050	4,158	28,675	8,932	13,678	1,953	4,112
Maine	16,837	4,596	5,989	1,493	4,759	17,473	4,981	6,262	1,432	4,798
Maryland	46,529	11,843	15,032	7,451	12,203	47,989	12,101	15,285	8,099	12,504
Massachusetts	236,050	79,825	96,380	24,624	35,221	234,399	79,702	97,081	23,248	34,368
Michigan	96,669	23,590	34,042	14,948	24,089	98,942	24,095	35,975	15,007	23,865
Minnesota	62,870	19,624	26,906	6,125	10,215	65,473	20,291	27,558	6,466	11,158
Mississippi	11,625	3,495	5,585	767	1,778	11,724	3,560	5,740	742	1,682
Missouri	109,784	29,551	35,233	19,707	25,293	112,571	29,828	35,939	19,929	26,875
Montana	4,853	1,253	1,907	652	1,041	5,564	1,558	2,232	632	1,142
Nebraska	21,608	7,566	9,693	1,489	2,860	22,179	7,735	9,888	1,590	2,966
Nevada	586	178	194	63	151	560	179	171	72	138
New Hampshire	21,939	7,877	8,822	1,931	3,309	23,890	8,297	9,357	2,378	3,858
New Jersey	62,049	19,997	20,214	8,694	13,144	63,427	20,722	21,018	8,565	13,122
New Mexico	4,258	1,053	1,589	564	1,052	3,795	938	1,540	414	903
New York	424,379	140,513	171,380	41,829	70,657	432,934	144,579	176,779	40,435	71,141
North Carolina	74,640	28,620	35,274	4,070	6,676	75,871	28,583	35,420	4,639	7,229
North Dakota	4,123	1,545	2,172	105	301	4,245	1,610	2,312	98	225
Ohio	124,718	41,906	50,497	12,020	20,295	127,491	42,462	51,461	12,439	21,129
Oklahoma	21,094	8,179	9,143	1,828	1,944	22,477	8,481	9,432	2,306	2,258
Oregon	25,289	8,534	11,447	2,393	2,915	25,173	8,649	11,611	1,982	2,931
Pennsylvania	239,128	80,098	96,692	23,500	38,838	243,487	81,956	98,343	23,357	39,831
Rhode Island	36,768	15,301	14,953	3,143	3,371	37,960	15,927	15,859	2,949	3,225
South Carolina	29,655	10,345	14,098	1,916	3,296	31,996	11,014	15,779	1,767	3,436
South Dakota	5,660	1,568	2,594	518	980	6,020	1,616	2,843	519	1,042
Tennessee	55,809	21,143	26,670	3,108	4,888	56,902	21,535	27,298	3,118	4,951
Texas	120,123	38,902	45,335	16,853	19,033	120,878	39,077	46,794	15,698	19,309
Utah	35,986	14,757	15,886	2,764	2,579	36,483	15,161	15,837	2,919	2,566
Vermont	15,131	5,733	6,456	1,130	1,812	15,232	5,885	6,415	1,146	1,786
Virginia	50,979	16,999	23,818	3,855	6,307	52,679	17,304	24,631	4,118	6,626
Washington	41,415	10,846	16,307	6,874	7,388	40,757	10,748	16,441	6,276	7,292
West Virginia	9,800	3,538	4,768	476	1,018	10,133	3,600	4,849	557	1,127
Wisconsin	55,535	15,594	21,722	6,139	12,080	55,823	16,008	23,008	5,758	11,049
Wyoming	0	0	0	0	0	0	0	0	0	0
Outlying areas	97,541	28,852	42,496	11,318	14,875	102,532	30,639	45,051	11,151	15,691
American Samoa	0	0	0	0	0	0	0	0	0	0
Federated States of Micronesia	0	0	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0	0	0
Marshall Islands	0	0	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0	0	0
Palau	0	0	0	0	0	0	0	0	0	0
Puerto Rico	97,541	28,852	42,496	11,318	14,875	102,532	30,639	45,051	11,151	15,691
Virgin Islands	0	0	0	0	0	0	0	0	0	0

NOTE: Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 199. Total fall enrollment in degree-granting institutions, by control and type of institution and state or jurisdiction: 2000 and 2001

State or jurisdiction	Fall 2000						Fall 2001					
	Public 4-year	Public 2-year	Private 4-year		Private 2-year		Public 4-year	Public 2-year	Private 4-year		Private 2-year	
			Total	Not-for-profit	Total	Not-for-profit			Total	Not-for-profit	Total	Not-for-profit
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	6,055,398	5,697,388	3,308,460	3,050,575	251,043	58,844	6,236,455	5,996,701	3,440,953	3,119,781	253,878	47,549
Alabama	136,992	70,443	25,770	22,432	757	217	131,570	76,815	26,957	23,031	804	176
Alaska	25,396	1,163	908	908	486	0	25,489	1,061	1,206	811	0	0
Arizona	105,842	178,680	48,548	9,990	9,420	1,102	109,375	184,799	62,240	12,774	10,071	1,126
Arkansas	69,226	32,549	11,904	11,904	1,493	736	71,450	37,500	12,362	12,362	970	154
California	551,871	1,375,900	292,282	240,429	36,655	12,020	580,466	1,462,716	301,688	241,379	35,220	9,821
Colorado	138,162	79,735	39,151	27,296	6,824	252	143,595	79,220	39,241	26,540	7,236	248
Connecticut	60,210	40,817	58,461	58,179	1,755	265	61,424	42,642	59,104	58,820	1,857	317
Delaware	22,175	12,019	9,553	9,553	150	150	24,922	12,218	10,521	10,521	73	73
District of Columbia	5,499	0	67,190	64,212	0	0	5,589	0	81,663	67,056	0	0
Florida	238,189	318,723	134,567	111,316	16,205	2,264	248,863	340,058	149,195	117,037	15,438	2,962
Georgia	167,486	104,269	70,121	60,863	4,328	3,260	174,819	123,396	73,658	61,653	4,225	2,965
Hawaii	20,802	23,777	13,887	12,593	1,716	1,134	21,185	24,809	14,692	12,972	1,393	1,160
Idaho	43,655	10,096	2,638	2,218	9,205	8,949	45,783	10,890	12,568	11,457	433	0
Illinois	193,783	340,372	203,676	182,798	6,087	2,058	195,272	339,008	208,467	188,070	5,697	1,102
Indiana	189,715	50,308	68,715	66,336	5,596	971	193,379	65,879	72,223	69,790	7,234	1,075
Iowa	69,262	65,746	51,593	50,653	2,373	972	71,001	69,226	52,695	50,695	1,900	993
Kansas	89,435	70,541	18,768	18,768	1,224	754	90,697	73,476	19,369	19,369	1,401	815
Kentucky	103,437	48,536	30,702	27,490	5,666	525	108,566	69,783	30,520	26,118	5,970	686
Louisiana	146,993	42,220	31,549	29,963	3,038	0	146,934	47,856	30,598	28,472	3,483	203
Maine	33,093	7,569	16,745	16,745	1,066	92	33,682	8,743	17,375	17,375	1,327	98
Maryland	120,436	103,361	49,077	46,434	871	95	127,384	109,411	49,105	47,905	2,324	84
Massachusetts	102,024	81,224	234,369	234,369	3,525	1,681	102,838	84,053	232,999	232,941	5,181	1,458
Michigan	275,810	192,051	98,436	96,346	1,334	323	282,896	199,258	102,302	98,584	1,542	358
Minnesota	116,498	102,119	65,049	60,958	9,779	1,912	120,496	105,445	76,374	63,867	5,918	1,606
Mississippi	63,994	61,361	11,139	11,139	895	486	65,799	59,857	11,205	11,205	1,021	519
Missouri	122,290	79,219	113,055	107,788	6,784	1,996	123,818	82,903	116,020	110,453	8,839	2,118
Montana	32,059	5,328	4,093	4,093	760	760	32,545	6,823	4,781	4,781	783	783
Nebraska	52,850	35,681	21,297	21,297	2,289	311	53,801	35,838	21,900	21,900	2,278	279
Nevada	38,168	44,952	2,684	586	2,089	0	40,099	46,691	3,240	560	3,338	0
New Hampshire	25,390	10,480	24,705	21,939	1,143	0	25,912	11,312	26,583	23,890	1,224	0
New Jersey	142,336	124,585	65,691	61,912	3,333	137	145,736	129,919	69,451	63,395	1,401	32
New Mexico	49,685	51,765	7,766	3,417	1,523	841	50,006	53,752	8,065	3,496	1,038	299
New York	336,003	247,414	437,229	420,147	22,749	4,232	342,810	241,797	448,400	428,406	24,787	4,528
North Carolina	162,761	166,661	74,096	74,096	1,134	544	169,792	180,892	75,407	75,407	1,693	464
North Dakota	27,892	8,122	3,919	3,919	315	204	29,674	8,886	3,943	3,943	340	302
Ohio	253,970	157,191	127,938	124,111	10,454	607	258,757	166,508	131,133	126,865	12,825	626
Oklahoma	95,517	58,182	23,990	21,094	327	0	102,389	60,947	25,411	22,477	1,038	0
Oregon	71,168	83,588	27,163	24,945	1,146	344	76,155	86,490	27,426	24,739	1,307	434
Pennsylvania	239,956	99,273	240,263	234,981	30,029	4,147	245,089	108,861	245,803	237,982	30,546	5,505
Rhode Island	22,875	15,583	36,992	36,768	0	0	22,926	16,223	38,086	37,960	0	0
South Carolina	87,268	68,251	29,038	29,038	1,374	617	87,252	71,409	31,327	31,327	1,602	669
South Dakota	29,882	4,975	8,152	5,448	212	212	32,020	5,290	7,932	5,728	292	292
Tennessee	116,489	86,041	56,788	55,230	4,592	579	118,569	76,127	58,071	56,309	5,767	593
Texas	436,530	460,004	124,541	119,107	12,898	1,016	452,298	483,528	126,432	119,939	14,420	939
Utah	95,747	27,299	38,226	35,162	2,504	824	103,247	30,543	39,376	35,458	3,879	1,025
Vermont	15,609	4,412	15,043	14,866	425	265	15,863	4,617	15,336	14,977	535	255
Virginia	175,741	138,039	61,330	50,360	6,783	619	180,793	145,965	56,967	52,679	6,128	0
Washington	92,821	181,107	43,197	41,415	3,715	0	96,556	180,467	44,450	40,757	3,659	0
West Virginia	69,967	6,169	9,800	9,800	1,952	0	71,384	6,920	10,133	10,133	2,882	0
Wisconsin	147,221	102,516	56,666	55,164	776	371	149,193	108,695	56,953	55,416	1,009	407
Wyoming	11,743	16,972	0	0	1,289	0	12,366	17,179	0	0	1,550	0
U.S. Service Schools	13,475	0	†	†	†	†	14,561	0	†	†	†	†
Outlying areas	75,103	9,361	100,056	96,517	10,113	1,024	76,025	9,510	108,696	101,351	7,411	1,181
American Samoa	0	297	0	0	0	0	0	1,178	0	0	0	0
Federated States of Micronesia	0	1,576	0	0	0	0	0	2,243	0	0	0	0
Guam	3,592	1,623	0	0	0	0	3,264	1,605	0	0	0	0
Marshall Islands	0	328	0	0	0	0	0	220	0	0	0	0
Northern Marianas	0	1,078	0	0	0	0	982	0	0	0	0	0
Palau	0	581	0	0	0	0	0	579	0	0	0	0
Puerto Rico	69,243	3,878	100,056	96,517	10,113	1,024	69,488	3,685	108,696	101,351	6,561	1,181
Virgin Islands	2,268	0	0	0	0	0	2,291	0	0	0	850	0

† Not applicable.

NOTE: Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 200. Total fall enrollment in degree-granting institutions, by level of enrollment and state or jurisdiction: 2000 and 2001

State or jurisdiction	Fall 2000				Fall 2001			
	Total	Under-graduate	First-professional	Graduate	Total	Under-graduate	First-professional	Graduate
1	2	3	4	5	6	7	8	9
United States	15,312,289	13,155,393	306,625	1,850,271	15,927,987	13,715,610	308,647	1,903,730
Alabama	233,962	201,389	4,216	28,357	236,146	205,094	4,130	26,922
Alaska	27,953	26,222	0	1,731	27,756	26,000	0	1,756
Arizona	342,490	299,529	2,449	40,512	366,485	319,259	2,713	44,513
Arkansas	115,172	104,580	1,622	8,970	122,282	111,839	1,635	8,808
California	2,256,708	2,012,213	32,203	212,292	2,380,090	2,134,041	31,404	214,645
Colorado	263,872	220,059	3,473	40,340	269,292	225,302	3,627	40,363
Connecticut	161,243	127,715	3,417	30,111	165,027	131,834	3,353	29,840
Delaware	43,897	37,930	1,063	4,904	47,104	40,416	1,012	5,676
District of Columbia	72,689	40,703	9,322	22,664	87,252	52,262	9,493	25,497
Florida	707,684	623,071	11,638	72,975	753,554	665,641	12,109	75,804
Georgia	346,204	296,980	9,397	39,827	376,098	325,875	9,088	41,135
Hawaii	60,182	51,783	6	8,393	62,079	53,839	538	7,702
Idaho	65,594	58,644	551	6,399	69,674	62,292	552	6,830
Illinois	743,918	623,018	16,536	104,364	748,444	626,324	16,412	105,708
Indiana	314,334	273,198	6,032	35,104	338,715	295,623	6,055	37,037
Iowa	188,974	165,360	7,006	16,608	194,822	170,594	7,326	16,902
Kansas	179,968	156,385	2,104	21,479	184,943	161,003	2,109	21,831
Kentucky	188,341	164,183	5,230	18,928	214,839	188,688	4,335	21,816
Louisiana	223,800	191,517	6,450	25,833	228,871	197,569	5,627	25,675
Maine	58,473	50,728	761	6,984	61,127	53,152	750	7,225
Maryland	273,745	221,952	4,185	47,608	288,224	234,165	4,402	49,657
Massachusetts	421,142	320,012	13,758	87,372	425,071	324,931	14,030	86,110
Michigan	567,631	480,618	10,463	76,550	585,998	496,712	10,843	78,443
Minnesota	293,445	254,632	6,189	32,624	308,233	263,744	6,208	38,281
Mississippi	137,389	123,299	1,746	12,344	137,882	123,473	2,225	12,184
Missouri	321,348	266,802	9,907	44,639	331,580	274,205	9,893	47,482
Montana	42,240	38,481	255	3,504	44,932	41,068	243	3,621
Nebraska	112,117	96,759	3,283	12,075	113,817	97,504	3,448	12,865
Nevada	87,893	79,053	617	8,223	93,368	84,303	646	8,419
New Hampshire	61,718	51,990	652	9,076	65,031	55,070	656	9,305
New Jersey	335,945	284,785	5,590	45,570	346,507	292,649	5,642	48,216
New Mexico	110,739	96,377	1,004	13,358	112,861	98,075	1,026	13,760
New York	1,043,395	839,423	27,749	176,223	1,057,794	848,255	28,608	180,931
North Carolina	404,652	358,912	7,665	38,075	427,784	379,333	8,091	40,360
North Dakota	40,248	36,899	417	2,932	42,843	39,177	422	3,244
Ohio	549,553	469,999	12,441	67,113	569,223	488,568	12,783	67,872
Oklahoma	178,016	157,021	4,361	16,634	189,785	164,793	4,504	20,488
Oregon	183,065	160,805	4,203	18,057	191,378	168,182	4,311	18,885
Pennsylvania	609,521	506,948	17,601	84,972	630,299	525,627	17,795	86,877
Rhode Island	75,450	65,067	1,078	9,305	77,235	66,675	1,252	9,308
South Carolina	185,931	161,699	2,948	21,284	191,590	168,663	2,957	19,970
South Dakota	43,221	37,497	532	5,192	45,534	38,707	566	6,261
Tennessee	263,910	230,376	5,638	27,896	258,534	224,591	5,705	28,238
Texas	1,033,973	905,649	19,795	108,529	1,076,678	947,125	18,802	110,751
Utah	163,776	149,954	1,310	12,512	177,045	162,707	1,339	12,999
Vermont	35,489	30,809	881	3,799	36,351	31,547	896	3,908
Virginia	381,893	325,395	7,817	48,681	389,853	332,321	8,018	49,514
Washington	320,840	290,292	4,548	26,000	325,132	294,436	4,550	26,146
West Virginia	87,888	76,556	1,702	9,630	91,319	79,597	1,734	9,988
Wisconsin	307,179	271,839	4,390	30,950	315,850	280,563	4,349	30,938
Wyoming	30,004	26,811	424	2,769	31,095	27,636	435	3,024
U.S. Service Schools	13,475	13,475	0	0	14,561	14,561	0	0
Outlying areas	194,633	174,410	3,402	16,821	201,642	179,725	3,492	18,425
American Samoa	297	297	0	0	1,178	1,178	0	0
Federated States of Micronesia	1,576	1,576	0	0	2,243	2,243	0	0
Guam	5,215	4,746	0	469	4,869	4,528	0	341
Marshall Islands	328	328	0	0	220	220	0	0
Northern Marianas	1,078	1,078	0	0	982	982	0	0
Palau	581	581	0	0	579	579	0	0
Puerto Rico	183,290	163,690	3,402	16,198	188,430	167,041	3,492	17,897
Virgin Islands	2,268	2,114	0	154	3,141	2,954	0	187

NOTE: Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002 surveys. (This table was prepared August 2003.)

Table 201. Total fall enrollment in degree-granting institutions, by control, level of enrollment, type of institution, and state or jurisdiction: 2001

State or jurisdiction	Public					Private				
	Undergraduate			First-professional	Graduate	Undergraduate			First-professional	Graduate
	Total	4-year	2-year			Total	4-year	2-year		
1	2	3	4	5	6	7	8	9	10	11
United States	10,985,871	4,989,220	5,996,651	127,806	1,119,479	2,729,739	2,475,861	253,878	180,841	784,251
Alabama	180,535	103,720	76,815	2,543	25,307	24,559	23,755	804	1,587	1,615
Alaska	24,993	23,932	1,061	0	1,557	1,007	1,007	0	0	199
Arizona	267,350	82,551	184,799	1,617	25,207	51,909	41,838	10,071	1,096	19,306
Arkansas	99,250	61,750	37,500	1,635	8,065	12,589	11,619	970	0	743
California	1,921,969	459,253	1,462,716	7,858	113,355	212,072	176,852	35,220	23,546	101,290
Colorado	192,611	113,391	79,220	2,107	28,097	32,691	25,455	7,236	1,520	12,266
Connecticut	89,733	47,091	42,642	1,104	13,229	42,101	40,244	1,857	2,249	16,611
Delaware	33,309	21,091	12,218	0	3,201	7,107	7,034	73	1,012	2,475
District of Columbia	5,140	5,140	0	133	316	47,122	47,122	0	9,360	25,181
Florida	539,593	199,535	340,058	4,852	44,476	126,048	110,610	15,438	7,257	31,328
Georgia	265,521	142,125	123,396	3,080	29,614	60,354	56,129	4,225	6,008	11,521
Hawaii	40,327	15,518	24,809	500	5,167	13,512	12,119	1,393	38	2,535
Idaho	49,577	38,687	10,890	552	6,544	12,715	12,282	433	0	286
Illinois	484,854	145,846	339,008	4,445	44,981	141,470	135,773	5,697	11,967	60,727
Indiana	226,767	160,888	65,879	4,132	28,359	68,856	61,622	7,234	1,923	8,678
Iowa	124,569	55,343	69,226	3,222	12,436	46,025	44,125	1,900	4,104	4,466
Kansas	143,997	70,521	73,476	2,025	18,151	17,006	15,605	1,401	84	3,680
Kentucky	156,640	86,557	69,783	3,012	18,697	32,048	26,078	5,970	1,323	3,119
Louisiana	171,101	123,245	47,856	2,942	20,747	26,468	22,985	3,483	2,685	4,928
Maine	38,089	29,346	8,743	244	4,092	15,063	13,736	1,327	506	3,133
Maryland	204,522	95,111	109,411	3,588	28,685	29,643	27,319	2,324	814	20,972
Massachusetts	165,043	80,990	84,053	411	21,437	159,888	154,707	5,181	13,619	64,673
Michigan	413,810	214,552	199,258	6,869	61,475	82,902	81,360	1,542	3,974	16,968
Minnesota	205,778	100,333	105,445	2,739	17,424	57,966	52,048	5,918	3,469	20,857
Mississippi	113,348	53,491	59,857	1,782	10,526	10,125	9,104	1,021	443	1,658
Missouri	185,282	102,379	82,903	2,715	18,724	88,923	80,084	8,839	7,178	28,758
Montana	35,630	28,807	6,823	243	3,495	5,438	4,655	783	0	126
Nebraska	77,710	41,872	35,838	1,304	10,625	19,794	17,516	2,278	2,144	2,240
Nevada	78,842	32,151	46,691	646	7,302	5,461	2,123	3,338	0	1,117
New Hampshire	33,342	22,030	11,312	0	3,882	21,728	20,504	1,224	656	5,423
New Jersey	242,867	112,948	129,919	3,669	29,119	49,782	48,381	1,401	1,973	19,097
New Mexico	90,853	37,101	53,752	1,026	11,879	7,222	6,184	1,038	0	1,881
New York	515,523	273,726	241,797	4,966	64,118	332,732	307,945	24,787	23,642	116,813
North Carolina	316,459	135,567	180,892	3,251	30,974	62,874	61,181	1,693	4,840	9,386
North Dakota	35,287	26,401	8,886	422	2,851	3,890	3,550	340	0	393
Ohio	373,602	207,144	166,458	7,720	43,943	114,966	102,141	12,825	5,063	23,929
Oklahoma	143,329	82,382	60,947	3,119	16,888	21,464	20,426	1,038	1,385	3,600
Oregon	146,858	60,368	86,490	1,473	14,314	21,324	20,017	1,307	2,838	4,571
Pennsylvania	311,081	202,220	108,861	6,040	36,829	214,546	184,000	30,546	11,755	50,048
Rhode Island	33,862	17,639	16,223	457	4,830	32,813	32,813	0	795	4,478
South Carolina	138,785	67,376	71,409	2,233	17,643	29,878	28,276	1,602	724	2,327
South Dakota	31,048	25,758	5,290	490	5,772	7,659	7,367	292	76	489
Tennessee	172,846	96,719	76,127	2,743	19,107	51,745	45,978	5,767	2,962	9,131
Texas	837,354	353,826	483,528	11,115	87,357	109,771	95,351	14,420	7,687	23,394
Utah	124,131	93,588	30,543	858	8,801	38,576	34,697	3,879	481	4,198
Vermont	18,651	14,034	4,617	386	1,443	12,896	12,361	535	510	2,465
Virginia	281,121	135,156	145,965	4,661	40,976	51,200	45,072	6,128	3,357	8,538
Washington	259,871	79,404	180,467	2,380	14,772	34,565	30,906	3,659	2,170	11,374
West Virginia	67,162	60,242	6,920	1,734	9,408	12,435	9,553	2,882	0	580
Wisconsin	235,302	126,607	108,695	2,328	20,258	45,261	44,252	1,009	2,021	10,680
Wyoming	26,086	8,907	17,179	435	3,024	1,550	0	1,550	0	0
U.S. Service Schools	14,561	14,561	0	0	0	†	†	†	†	†
Outlying areas	78,536	69,026	9,510	1,330	5,669	101,189	93,778	7,411	2,162	12,756
American Samoa	1,178	0	1,178	0	0	0	0	0	0	0
Federated States of Micronesia	2,243	0	2,243	0	0	0	0	0	0	0
Guam	4,528	2,923	1,605	0	341	0	0	0	0	0
Marshall Islands	220	0	220	0	0	0	0	0	0	0
Northern Marianas	982	982	0	0	0	0	0	0	0	0
Palau	579	0	579	0	0	0	0	0	0	0
Puerto Rico	66,702	63,017	3,685	1,330	5,141	100,339	93,778	6,561	2,162	12,756
Virgin Islands	2,104	2,104	0	0	187	850	0	850	0	0

† Not applicable.

NOTE: Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002. (This table was prepared August 2003.)

Table 202. Total fall enrollment in degree-granting institutions, by control, level of enrollment, type of institution, and state or jurisdiction: 2000

State or jurisdiction	Public					Private				
	Undergraduate			First-professional	Graduate	Undergraduate			First-professional	Graduate
	Total	4-year	2-year			Total	4-year	2-year		
1	2	3	4	5	6	7	8	9	10	11
United States	10,539,322	4,842,261	5,697,061	124,114	1,089,350	2,616,071	2,365,028	251,043	182,511	760,921
Alabama	178,163	107,720	70,443	2,536	26,736	23,226	22,469	757	1,680	1,621
Alaska	25,036	23,873	1,163	0	1,523	1,186	700	486	0	208
Arizona	258,288	79,608	178,680	1,616	24,618	41,241	31,821	9,420	833	15,894
Arkansas	91,678	59,129	32,549	1,622	8,475	12,902	11,409	1,493	0	495
California	1,808,314	432,414	1,375,900	7,605	111,852	203,899	167,244	36,655	24,598	100,440
Colorado	187,091	107,356	79,735	2,004	28,802	32,968	26,144	6,824	1,469	11,538
Connecticut	86,182	45,365	40,817	1,115	13,730	41,533	39,778	1,755	2,302	16,381
Delaware	30,984	18,965	12,019	0	3,210	6,946	6,796	150	1,063	1,694
District of Columbia	5,008	5,008	0	141	350	35,695	35,695	0	9,181	22,314
Florida	508,878	190,155	318,723	4,589	43,445	114,193	97,988	16,205	7,049	29,530
Georgia	240,639	136,370	104,269	2,902	28,214	56,341	52,013	4,328	6,495	11,613
Hawaii	38,809	15,032	23,777	0	5,770	12,974	11,258	1,716	6	2,623
Idaho	47,007	36,911	10,096	551	6,193	11,637	2,432	9,205	0	206
Illinois	485,986	145,614	340,372	4,359	43,810	137,032	130,945	6,087	12,177	60,554
Indiana	208,569	158,261	50,308	4,137	27,317	64,629	59,033	5,596	1,895	7,787
Iowa	119,530	53,784	65,746	3,155	12,323	45,830	43,457	2,373	3,851	4,285
Kansas	139,964	69,423	70,541	2,006	18,006	16,421	15,197	1,224	98	3,473
Kentucky	133,618	85,082	48,536	3,004	15,351	30,565	24,899	5,666	2,226	3,577
Louisiana	165,911	123,691	42,220	2,867	20,435	25,606	22,568	3,038	3,583	5,398
Maine	36,495	28,926	7,569	251	3,916	14,233	13,167	1,066	510	3,068
Maryland	193,712	90,351	103,361	3,393	26,692	28,240	27,369	871	792	20,916
Massachusetts	160,942	79,718	81,224	407	21,899	159,070	155,545	3,525	13,351	65,473
Michigan	400,680	208,629	192,051	6,705	60,476	79,938	78,604	1,334	3,758	16,074
Minnesota	199,254	97,135	102,119	2,733	16,630	55,378	45,599	9,779	3,456	15,994
Mississippi	113,265	51,904	61,361	1,307	10,783	10,034	9,139	895	439	1,561
Missouri	180,627	101,408	79,219	2,642	18,240	86,175	79,391	6,784	7,265	26,399
Montana	33,740	28,412	5,328	255	3,392	4,741	3,981	760	0	112
Nebraska	77,272	41,591	35,681	1,296	9,963	19,487	17,198	2,289	1,987	2,112
Nevada	75,391	30,439	44,952	617	7,112	3,662	1,573	2,089	0	1,111
New Hampshire	32,150	21,670	10,480	0	3,720	19,840	18,697	1,143	652	5,356
New Jersey	235,837	111,252	124,585	3,605	27,479	48,948	45,615	3,333	1,985	18,091
New Mexico	88,865	37,100	51,765	1,004	11,581	7,512	5,989	1,523	0	1,777
New York	517,290	269,876	247,414	4,793	61,334	322,133	299,384	22,749	22,956	114,889
North Carolina	297,332	130,671	166,661	3,223	28,867	61,580	60,446	1,134	4,442	9,208
North Dakota	33,002	24,880	8,122	417	2,595	3,897	3,582	315	0	337
Ohio	359,318	202,454	156,864	7,459	44,384	110,681	100,227	10,454	4,982	22,729
Oklahoma	137,265	79,083	58,182	3,052	13,382	19,756	19,429	327	1,309	3,252
Oregon	140,107	56,519	83,588	1,402	13,247	20,698	19,552	1,146	2,801	4,810
Pennsylvania	296,764	197,491	99,273	5,951	36,514	210,184	180,155	30,029	11,650	48,458
Rhode Island	33,147	17,564	15,583	386	4,925	31,920	31,920	0	692	4,380
South Carolina	134,389	66,138	68,251	2,178	18,952	27,310	25,936	1,374	770	2,332
South Dakota	29,662	24,687	4,975	463	4,732	7,835	7,623	212	69	460
Tennessee	181,009	94,968	86,041	2,754	18,767	49,367	44,775	4,592	2,884	9,129
Texas	801,190	341,186	460,004	10,950	84,394	104,459	91,561	12,898	8,845	24,135
Utah	113,798	86,499	27,299	818	8,430	36,156	33,652	2,504	492	4,082
Vermont	18,204	13,792	4,412	380	1,437	12,605	12,180	425	501	2,362
Virginia	269,843	131,804	138,039	4,568	39,369	55,552	48,769	6,783	3,249	9,312
Washington	257,272	76,165	181,107	2,388	14,268	33,020	29,305	3,715	2,160	11,732
West Virginia	65,293	59,124	6,169	1,702	9,141	11,263	9,311	1,952	0	489
Wisconsin	227,555	125,039	102,516	2,382	19,800	44,284	43,508	776	2,008	11,150
Wyoming	25,522	8,550	16,972	424	2,769	1,289	0	1,289	0	0
U.S. Service Schools	13,475	13,475	0	0	0	†	†	†	†	†
Outlying areas	77,647	68,286	9,361	1,206	5,611	96,763	86,650	10,113	2,196	11,210
American Samoa	297	0	297	0	0	0	0	0	0	0
Federated States of Micronesia ...	1,576	0	1,576	0	0	0	0	0	0	0
Guam	4,746	3,123	1,623	0	469	0	0	0	0	0
Marshall Islands	328	0	328	0	0	0	0	0	0	0
Northern Marianas	1,078	0	1,078	0	0	0	0	0	0	0
Palau	581	0	581	0	0	0	0	0	0	0
Puerto Rico	66,927	63,049	3,878	1,206	4,988	96,763	86,650	10,113	2,196	11,210
Virgin Islands	2,114	2,114	0	0	154	0	0	0	0	0

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001. (This table was prepared August 2003.)

NOTE: Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

Table 203. Full-time-equivalent fall enrollment in degree-granting institutions, by control and type of institution: 1969 to 2001

Year	All institutions			Public institutions			Private institutions		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
Institutions of higher education¹									
1969	6,334,139	4,899,526	1,434,612	4,577,985	3,259,676	1,318,309	1,756,153	1,639,850	116,303
1970	6,737,817	5,145,410	1,592,404	4,953,149	3,468,572	1,484,577	1,784,665	1,676,838	107,827
1971	7,148,575	5,357,708	1,790,867	5,344,356	3,660,624	1,683,732	1,804,219	1,697,084	107,135
1972	7,253,712	5,406,792	1,846,921	5,452,851	3,706,238	1,746,613	1,800,862	1,700,554	100,308
1973	7,453,467	5,439,226	2,014,241	5,629,568	3,721,035	1,908,533	1,823,899	1,718,191	105,708
1974	7,805,454	5,606,248	2,199,206	5,944,799	3,847,542	2,097,257	1,860,655	1,758,706	101,949
1975	8,479,688	5,900,403	2,579,285	6,522,310	4,056,500	2,465,810	1,957,378	1,843,903	113,475
1976	8,312,502	5,848,001	2,464,501	6,349,903	3,998,450	2,351,453	1,962,599	1,849,551	113,048
1977	8,415,339	5,935,076	2,480,263	6,396,476	4,039,071	2,357,405	2,018,863	1,896,005	122,858
1978	8,348,482	5,932,357	2,416,125	6,279,199	3,996,126	2,283,073	2,069,283	1,936,231	133,052
1979	8,487,317	6,016,072	2,471,245	6,392,617	4,059,304	2,333,313	2,094,700	1,956,768	137,932
1980	8,819,013	6,161,372	2,657,641	6,642,294	4,158,267	2,484,027	2,176,719	2,003,105	² 173,614
1981	9,014,521	6,249,847	2,764,674	6,781,300	4,208,506	2,572,794	2,233,221	2,041,341	² 191,880
1982	9,091,648	6,248,923	2,842,725	6,850,589	4,220,648	2,629,941	2,241,059	2,028,275	212,784
1983	9,166,398	6,325,222	2,841,176	6,881,479	4,265,807	2,615,672	2,284,919	2,059,415	225,504
1984	8,951,695	6,292,711	2,658,984	6,684,664	4,237,895	2,446,769	2,267,031	2,054,816	212,215
1985	8,943,433	6,294,339	2,649,094	6,667,781	4,239,622	2,428,159	2,275,652	2,054,717	220,935
1986	9,064,165	6,360,325	2,703,842	6,778,045	4,295,494	2,482,551	2,286,122	2,064,831	³ 221,291
1987	9,229,736	6,486,504	2,743,230	6,937,690	4,395,728	2,541,961	2,292,045	2,090,776	201,269
1988	9,464,271	6,664,146	2,800,125	7,096,905	4,505,774	2,591,131	2,367,366	2,158,372	208,994
1989	9,780,881	6,813,602	2,967,279	7,371,590	4,619,828	2,751,762	2,409,291	2,193,774	215,517
1990	9,983,436	6,968,008	3,015,428	7,557,982	4,740,049	2,817,933	2,425,454	2,227,959	197,495
1991	10,360,606	7,081,454	3,279,152	7,862,845	4,795,704	3,067,141	2,497,761	2,285,750	212,011
1992	10,436,776	7,129,379	3,307,397	7,911,701	4,797,884	3,113,817	2,525,075	2,331,495	193,580
1993	10,351,415	7,120,921	3,230,494	7,812,394	4,765,983	3,046,411	2,539,021	2,354,938	184,083
1994	10,348,072	7,137,341	3,210,731	7,784,396	4,749,524	3,034,872	2,563,676	2,387,817	175,859
1995	10,334,956	7,172,844	3,162,112	7,751,815	4,757,223	2,994,592	2,583,141	2,415,621	167,520
1996	10,402,260	7,231,680	3,170,580	7,775,298	4,767,248	3,008,050	2,626,962	2,464,432	162,530
1997	10,484,726	7,320,206	3,164,520	7,839,374	4,813,152	3,026,222	2,645,352	2,507,054	138,298
Degree-granting institutions⁴									
1996	10,481,886	7,234,541	3,247,345	7,794,895	4,767,117	3,027,778	2,686,991	2,467,424	219,567
1997	10,615,028	7,338,794	3,276,234	7,869,764	4,813,849	3,055,915	2,745,264	2,524,945	220,319
1998	10,698,775	7,467,828	3,230,947	7,880,135	4,868,857	3,011,278	2,818,640	2,598,971	219,669
1999 ⁵	10,943,609	7,638,976	3,304,633	8,020,074	4,944,554	3,075,520	2,923,535	2,694,422	229,113
2000	11,267,025	7,795,139	3,471,886	8,266,932	5,025,588	3,241,344	3,000,093	2,769,551	230,542
2001	11,765,945	8,087,980	3,677,965	8,639,154	5,194,035	3,445,119	3,126,791	2,893,945	232,846

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

² Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology in 1980 and 1981.

³ Because of imputation techniques, data are not consistent with figures for other years.

⁴ Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

⁵ Data were imputed using alternative procedures. (See Guide to Sources for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities," surveys, 1969 through 1985; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared September 2003.)

Table 204. Full-time-equivalent fall enrollment in degree-granting institutions, by control and type of institution and state or jurisdiction: 1999 to 2001

State or jurisdiction	Public						Private					
	4-year			2-year			4-year			2-year		
	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	4,944,554	5,025,588	5,194,035	3,075,520	3,241,344	3,445,119	2,694,422	2,769,551	2,893,945	229,113	230,542	232,846
Alabama	106,355	111,322	107,671	46,002	48,545	53,607	22,695	23,518	24,483	768	646	673
Alaska	16,097	16,335	16,624	309	473	441	645	672	886	283	307	0
Arizona	86,582	87,301	91,066	86,901	85,778	89,835	39,280	43,188	58,227	7,495	9,129	9,874
Arkansas	57,367	57,897	59,781	22,291	21,519	24,146	10,654	10,995	11,425	356	1,475	942
California	464,658	476,027	501,442	600,019	707,558	756,268	246,196	250,026	259,369	31,790	34,875	34,013
Colorado	109,956	109,844	114,189	41,422	41,322	42,011	28,949	30,615	29,732	4,882	6,336	6,417
Connecticut	44,405	46,826	48,418	20,340	20,934	22,317	47,629	48,714	49,553	1,814	1,480	1,535
Delaware	21,406	20,427	21,609	7,391	6,939	7,033	6,239	6,549	7,225	127	142	67
District of Columbia	3,251	3,364	3,412	0	0	0	54,604	56,196	64,788	0	0	0
Florida	182,007	190,472	200,453	175,662	173,433	187,062	103,400	107,473	120,066	14,157	15,440	15,050
Georgia	134,719	136,069	142,744	44,805	66,571	78,033	62,069	62,132	65,854	3,558	3,935	3,855
Hawaii	17,249	17,015	17,493	15,887	14,996	15,395	11,512	11,649	12,125	1,542	1,669	1,286
Idaho	33,696	34,125	35,790	6,370	6,807	7,238	2,709	2,500	12,115	8,644	8,921	414
Illinois	163,870	164,592	165,987	186,937	186,533	188,136	155,459	164,273	168,592	4,968	4,689	4,440
Indiana	153,878	155,982	159,547	24,794	28,131	35,301	60,501	61,851	64,272	5,413	5,034	6,608
Iowa	60,950	61,763	63,222	44,916	44,717	47,110	42,511	43,869	45,494	2,249	2,156	1,536
Kansas	72,499	74,307	75,267	38,810	39,457	41,911	14,724	15,014	15,496	1,266	1,061	1,254
Kentucky	86,156	86,080	90,152	28,792	32,239	43,603	25,007	25,793	25,992	4,712	5,283	5,423
Louisiana	127,210	126,372	126,930	28,214	27,130	31,510	26,144	27,203	26,864	2,440	2,956	3,413
Maine	24,137	24,678	25,173	4,832	4,797	5,438	5,438	12,670	12,954	13,617	1,400	955
Maryland	91,887	94,929	99,706	57,140	57,367	61,212	34,440	35,969	36,462	557	622	1,657
Massachusetts	78,702	78,452	80,113	47,288	47,972	50,195	195,493	198,476	198,663	5,713	3,084	3,779
Michigan	219,679	223,981	231,820	100,096	101,794	107,653	72,402	75,020	79,036	1,946	1,224	1,416
Minnesota	90,791	95,345	99,464	61,990	65,167	68,316	53,655	54,476	63,290	9,480	8,244	5,165
Mississippi	54,665	56,107	57,845	46,019	47,245	49,593	9,456	9,677	14,320	746	775	928
Missouri	97,598	99,187	100,796	46,645	46,793	50,061	82,925	84,889	82,432	6,932	6,292	8,329
Montana	28,219	28,278	28,699	4,820	3,900	4,983	3,399	3,336	3,944	488	491	543
Nebraska	44,213	44,374	45,169	20,819	20,812	21,378	17,942	18,750	19,230	1,624	2,057	2,061
Nevada	26,076	27,631	30,187	21,866	20,468	21,541	2,541	2,519	3,079	1,706	1,959	2,988
New Hampshire	20,932	21,064	21,524	5,094	5,442	5,932	21,481	20,646	22,173	856	1,078	1,205
New Jersey	109,907	111,449	114,391	77,824	79,367	83,420	49,979	51,557	55,113	2,778	3,074	1,385
New Mexico	40,454	39,779	40,546	30,080	29,541	30,668	6,677	6,799	7,118	1,117	1,296	993
New York	269,086	269,664	276,421	161,750	168,911	168,227	361,951	366,833	378,442	19,459	20,670	22,842
North Carolina	138,499	140,203	146,525	96,813	96,999	109,424	66,258	67,622	68,241	1,216	981	1,460
North Dakota	24,046	24,728	26,265	7,158	6,515	6,854	3,677	3,697	3,761	488	290	326
Ohio	217,850	215,993	221,817	91,165	92,749	99,912	105,027	107,773	110,260	9,519	9,565	11,811
Oklahoma	78,911	79,786	85,294	35,924	34,997	37,317	18,736	21,723	22,662	2,370	327	1,038
Oregon	57,903	59,588	64,008	45,079	46,099	48,998	23,280	23,928	24,345	951	1,090	1,307
Pennsylvania	208,225	211,132	216,467	58,158	58,759	64,140	196,191	202,341	207,444	30,548	27,497	27,587
Rhode Island	17,971	17,967	18,230	8,551	8,650	9,076	32,078	33,022	34,334	0	0	0
South Carolina	73,915	74,309	75,158	40,938	41,804	42,840	25,792	25,929	28,222	1,238	1,301	1,535
South Dakota	23,258	23,881	25,078	4,706	4,193	4,511	6,412	6,688	6,469	113	114	164
Tennessee	100,726	99,636	101,505	47,081	53,146	48,772	50,183	52,015	53,291	3,836	4,303	5,316
Texas	346,305	358,523	372,950	257,839	268,057	283,513	95,820	101,852	104,157	12,194	12,580	13,859
Utah	65,669	71,982	77,696	20,259	16,454	18,416	34,699	35,110	36,171	2,717	2,076	2,838
Vermont	13,767	13,581	13,771	2,023	1,845	2,014	13,535	13,313	13,606	606	360	473
Virginia	146,813	147,370	151,563	71,765	72,913	77,719	49,826	51,517	49,742	5,487	5,470	5,480
Washington	82,373	83,899	87,303	109,968	114,754	116,145	33,913	34,489	36,038	3,337	3,467	3,240
West Virginia	58,016	58,171	59,540	4,211	3,969	4,364	8,901	8,891	9,106	2,004	1,931	2,866
Wisconsin	128,938	130,661	132,583	57,068	56,195	60,884	44,156	45,510	46,619	165	546	767
Wyoming	9,368	9,665	10,070	10,689	10,588	10,646	0	0	0	1,058	1,289	1,550
U.S. Service Schools	13,344	13,475	14,561	0	0	0	†	†	†	†	†	†
Outlying areas	67,772	66,376	66,651	5,307	7,200	7,476	77,929	83,619	91,786	8,806	8,844	6,898
American Samoa	0	0	0	769	214	832	0	0	0	0	0	0
Federated States of Micronesia	0	0	0	1,254	1,308	1,806	0	0	0	0	0	0
Guam	3,104	2,802	2,561	882	777	787	0	0	0	0	0	0
Marshall Islands	0	0	0	459	166	215	0	0	0	0	0	0
Northern Marianas	0	0	645	717	707	0	0	0	0	0	0	0
Palau	0	0	0	441	450	449	0	0	0	0	0	0
Puerto Rico	62,801	61,987	61,860	785	3,578	3,387	77,929	83,619	91,786	8,806	8,844	6,048
Virgin Islands	1,867	1,587	1,585	0	0	0	0	0	0	0	0	850

† Not applicable.

NOTE: Data for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs. Data for 1999 were imputed using alternative procedures. (See Guide to Sources for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared September 2003.)

Table 205. Full-time-equivalent fall enrollment in degree-granting institutions, by control and state or jurisdiction: Selected years, 1980 to 2001

State or jurisdiction	Total					Public			Private		
	1980 ¹	1990 ¹	1995 ¹	2000 ²	2001 ²	1990 ¹	1995 ¹	2001 ²	1990 ¹	1995 ¹	2001 ²
1	2	3	4	5	6	7	8	9	10	11	12
United States	8,819,013	9,983,436	10,334,956	11,267,025	11,765,945	7,557,982	7,751,815	8,639,154	2,425,454	2,583,141	3,126,791
Alabama	138,910	174,610	178,736	184,031	186,434	154,343	158,753	161,278	20,267	19,983	25,156
Alaska	10,073	18,496	18,904	17,787	17,951	17,087	18,149	17,065	1,409	755	886
Arizona	127,114	167,617	177,379	225,396	249,002	153,500	159,832	180,901	14,117	17,547	68,101
Arkansas	64,307	74,449	78,558	91,886	96,294	63,472	68,234	83,927	10,977	10,324	12,367
California	1,099,559	1,156,288	1,196,379	1,468,486	1,551,092	979,663	984,147	1,257,710	176,625	212,232	293,382
Colorado	123,589	159,032	169,997	188,117	192,349	138,350	144,853	156,200	20,682	25,144	36,149
Connecticut	112,612	115,791	109,751	117,954	121,823	70,870	64,763	70,735	44,921	44,988	51,088
Delaware	26,284	31,612	32,536	34,057	35,934	26,059	27,238	28,642	5,553	5,298	7,292
District of Columbia	62,126	61,549	61,018	59,560	68,200	7,294	5,950	3,412	54,255	55,068	64,788
Florida	290,647	383,385	422,287	486,818	522,631	302,579	336,863	387,515	80,806	85,424	135,116
Georgia	152,369	198,549	248,265	268,707	290,486	149,115	188,954	220,777	49,434	59,311	69,709
Hawaii	35,859	41,097	45,296	45,329	46,299	32,496	35,380	32,888	8,601	9,916	13,411
Idaho	33,938	41,275	47,546	52,353	55,557	31,408	37,426	43,028	9,867	10,120	12,529
Illinois	432,365	493,364	491,765	520,087	527,155	353,247	343,237	354,123	140,117	148,528	173,032
Indiana	193,445	222,835	227,543	250,998	265,728	168,984	170,019	194,848	53,851	57,524	70,880
Iowa	120,083	138,565	140,002	152,505	157,362	95,772	97,699	110,332	42,793	42,303	47,030
Kansas	101,147	118,969	125,896	129,839	133,928	106,570	111,405	117,178	12,399	14,491	16,750
Kentucky	113,709	137,651	140,327	149,395	165,170	111,858	115,001	133,755	25,793	25,326	31,415
Louisiana	132,780	154,132	166,816	183,661	188,717	129,577	142,620	158,440	24,775	24,196	30,277
Maine	34,471	42,021	41,200	43,384	45,366	29,876	27,181	30,611	12,145	14,019	14,755
Maryland	149,202	169,972	176,641	188,887	199,037	141,950	145,416	160,918	28,022	31,225	38,119
Massachusetts	315,937	320,299	318,887	327,984	332,750	130,962	123,554	130,308	189,337	195,333	202,442
Michigan	366,058	389,814	373,059	402,019	419,925	326,952	310,215	339,473	62,862	62,844	80,452
Minnesota	162,559	190,608	203,130	223,232	236,235	143,424	151,461	167,780	47,184	51,669	68,455
Mississippi	85,621	103,957	103,067	113,804	122,686	92,269	92,945	107,438	11,688	10,122	15,248
Missouri	180,156	210,104	212,551	237,161	241,618	142,953	135,607	150,857	67,151	76,944	90,761
Montana	29,428	29,905	36,528	36,005	38,169	26,835	32,331	33,682	3,070	4,197	4,487
Nebraska	68,505	80,989	84,278	85,993	87,838	65,739	67,248	66,547	15,250	17,030	21,291
Nevada	22,467	33,814	37,991	52,577	57,795	33,392	36,997	51,728	822	994	6,067
New Hampshire	39,456	45,762	49,063	48,230	50,834	24,948	27,096	27,456	20,814	21,967	23,378
New Jersey	218,838	221,468	232,669	245,447	254,309	174,324	184,766	197,811	47,144	47,903	56,498
New Mexico	43,722	59,517	69,528	77,415	79,325	57,870	64,903	71,214	1,647	4,625	8,111
New York	760,305	798,696	805,527	826,078	845,932	446,379	440,688	444,648	352,317	364,839	401,284
North Carolina	235,266	269,025	285,708	305,805	325,650	208,321	224,055	255,949	60,704	61,653	69,701
North Dakota	30,188	33,118	35,279	35,230	37,206	30,276	31,939	33,119	2,842	3,340	4,087
Ohio	369,342	420,499	411,810	426,080	443,800	317,837	306,842	321,729	102,662	104,968	122,071
Oklahoma	115,701	128,203	134,176	136,833	146,311	108,933	114,592	122,611	19,270	19,584	23,700
Oregon	110,649	120,176	116,584	130,705	138,658	101,424	96,311	113,006	18,752	20,273	25,652
Pennsylvania	404,192	464,179	474,269	499,729	515,638	261,305	261,823	280,607	202,874	212,446	235,031
Rhode Island	50,628	60,168	56,856	59,639	61,640	28,804	26,124	27,306	31,364	30,732	34,334
South Carolina	109,346	127,225	132,353	143,343	147,755	101,918	109,459	117,998	25,307	22,894	29,757
South Dakota	27,873	28,256	30,555	34,876	36,222	22,128	24,925	29,589	6,128	5,630	6,633
Tennessee	161,058	175,961	190,706	209,100	208,884	130,184	142,785	150,277	45,777	47,921	58,607
Texas	527,724	637,742	671,478	741,012	774,479	553,436	574,438	656,463	84,306	97,040	118,016
Utah	78,199	94,012	116,368	125,622	135,121	63,495	82,052	96,112	30,517	34,316	39,009
Vermont	25,572	29,072	28,079	29,099	29,864	16,048	15,600	15,785	13,024	12,479	14,079
Virginia	199,549	251,708	255,712	277,270	284,504	202,285	204,704	229,282	49,423	51,008	55,222
Washington	194,440	189,521	214,050	236,609	242,726	160,889	181,243	203,448	28,632	32,807	39,278
West Virginia	60,394	68,235	69,831	72,962	75,876	59,229	59,951	63,904	9,006	9,880	11,972
Wisconsin	206,790	229,975	223,938	232,912	240,853	192,107	180,713	193,467	37,868	43,225	47,386
Wyoming	14,725	21,888	21,938	21,542	22,266	21,185	21,182	20,716	703	756	1,550
U.S. Service Schools ³	49,736	48,281	42,146	13,475	14,561	48,281	42,146	14,561	†	†	†
Outlying areas ..	117,637	140,954	155,364	166,039	172,811	55,908	65,757	74,127	85,046	89,607	98,684
American Samoa	824	952	988	214	832	952	988	832	0	0	0
Federated States of Micronesia	195	549	1,076	1,308	1,806	549	1,076	1,806	0	0	0
Guam	2,115	2,956	3,819	3,579	3,348	2,956	3,819	3,348	0	0	0
Marshall Islands	0	0	249	166	215	0	249	215	0	0	0
Northern Marianas ..	0	376	625	707	645	376	625	645	0	0	0
Palau	0	423	296	450	449	423	296	449	0	0	0
Puerto Rico	113,285	134,193	146,258	158,028	163,081	49,147	56,651	65,247	85,046	89,607	97,834
Virgin Islands	1,218	1,505	2,053	1,587	1,585	1,505	2,053	1,585	0	0	850

† Not applicable.

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

² Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

³ Data for 2000 and 2001 reflect substantial change in survey coverage.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" 1980 survey; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1990 and 1995, and Spring 2001 and Spring 2002 surveys. (This table was prepared September 2003.)

Table 206. Residence and migration of all freshmen students in degree-granting institutions, by state or jurisdiction: Fall 2000

State or jurisdiction	Students enrolled in institutions located in the jurisdiction ¹	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction ²	Attending college in home jurisdiction ³	Students enrolled (col.4/col.2)	Student residents (col.4/col.3)	Out of state (col. 3–col. 4)	Into state ⁴ (col. 2–col. 4)	Net (col. 8–col. 7)
1	2	3	4	5	6	7	8	9
United States	2,341,931	2,301,132	1,926,091	0.82	0.84	375,041	415,840	40,799
Alabama	40,958	37,422	33,878	0.83	0.91	3,544	7,080	3,536
Alaska	2,432	4,112	2,157	0.89	0.52	1,955	275	-1,680
Arizona	43,063	35,500	32,426	0.75	0.91	3,074	10,637	7,563
Arkansas	21,644	21,120	18,690	0.86	0.88	2,430	2,954	524
California	234,630	233,558	215,154	0.92	0.92	18,404	19,476	1,072
Colorado	41,989	38,732	32,932	0.78	0.85	5,800	9,057	3,257
Connecticut	24,212	27,993	15,982	0.66	0.57	12,011	8,230	-3,781
Delaware	6,982	5,530	3,844	0.55	0.70	1,686	3,138	1,452
District of Columbia	8,789	2,766	934	0.11	0.34	1,832	7,855	6,023
Florida	108,176	98,133	87,881	0.81	0.90	10,252	20,295	10,043
Georgia	65,793	65,206	56,398	0.86	0.86	8,808	9,395	587
Hawaii	8,556	9,917	7,126	0.83	0.72	2,791	1,430	-1,361
Idaho	10,532	10,623	8,066	0.77	0.76	2,557	2,466	-91
Illinois	107,286	117,508	97,001	0.90	0.83	20,507	10,285	-10,222
Indiana	57,205	50,750	44,638	0.78	0.88	6,112	12,567	6,455
Iowa	36,816	32,677	28,717	0.78	0.88	3,960	8,099	4,139
Kansas	30,543	29,311	25,955	0.85	0.89	3,356	4,588	1,232
Kentucky	32,530	31,229	27,261	0.84	0.87	3,968	5,269	1,301
Louisiana	43,282	42,073	38,425	0.89	0.91	3,648	4,857	1,209
Maine	8,406	9,603	5,867	0.70	0.61	3,736	2,539	-1,197
Maryland	34,586	40,249	26,749	0.77	0.66	13,500	7,837	-5,663
Massachusetts	63,111	53,712	38,846	0.62	0.72	14,866	24,265	9,399
Michigan	83,792	84,176	75,978	0.91	0.90	8,198	7,814	-384
Minnesota	60,612	61,501	51,086	0.84	0.83	10,415	9,526	-889
Mississippi	30,146	27,745	25,908	0.86	0.93	1,837	4,238	2,401
Missouri	45,775	43,549	36,769	0.80	0.84	6,780	9,006	2,226
Montana	7,484	7,984	5,877	0.79	0.74	2,107	1,607	-500
Nebraska	18,633	18,457	15,559	0.84	0.84	2,898	3,074	176
Nevada	9,971	10,494	8,550	0.86	0.81	1,944	1,421	-523
New Hampshire	10,410	10,077	5,067	0.49	0.50	5,010	5,343	333
New Jersey	52,200	73,387	47,158	0.90	0.64	26,229	5,042	-21,187
New Mexico	14,175	16,061	11,997	0.85	0.75	4,064	2,178	-1,886
New York	161,173	157,398	130,227	0.81	0.83	27,171	30,946	3,775
North Carolina	67,934	59,632	54,788	0.81	0.92	4,844	13,146	8,302
North Dakota	8,462	7,845	5,626	0.66	0.72	2,219	2,836	617
Ohio	97,284	97,810	84,533	0.87	0.86	13,277	12,751	-526
Oklahoma	32,729	30,785	27,804	0.85	0.90	2,981	4,925	1,944
Oregon	25,293	24,878	20,268	0.80	0.81	4,610	5,025	415
Pennsylvania	122,024	109,303	92,858	0.76	0.85	16,445	29,166	12,721
Rhode Island	13,771	8,312	5,602	0.41	0.67	2,710	8,169	5,459
South Carolina	31,445	28,739	25,289	0.80	0.88	3,450	6,156	2,706
South Dakota	7,534	7,742	5,553	0.74	0.72	2,189	1,981	-208
Tennessee	42,459	38,788	32,596	0.77	0.84	6,192	9,863	3,671
Texas	170,464	172,715	158,655	0.93	0.92	14,060	11,809	-2,251
Utah	24,832	19,463	17,931	0.72	0.92	1,532	6,901	5,369
Vermont	6,766	5,001	2,527	0.37	0.51	2,474	4,239	1,765
Virginia	52,589	48,200	38,905	0.74	0.81	9,295	13,684	4,389
Washington	36,209	38,728	31,336	0.87	0.81	7,392	4,873	-2,519
West Virginia	15,389	13,639	11,279	0.73	0.83	2,360	4,110	1,750
Wisconsin	52,835	52,225	44,247	0.84	0.85	7,978	8,588	610
Wyoming	4,209	4,353	2,890	0.69	0.66	1,463	1,319	-144
U.S. Service Schools	3,811	†	301	†	†	-301	3,510	3,811
State unknown ⁵	†	24,421	†	†	†	24,421	†	-24,421
Outlying areas	37,536	40,789	37,261	0.99	0.91	3,528	275	-3,253
American Samoa	—	90	—	—	—	90	0	-90
Federated States of Micronesia	409	1,139	409	1.00	0.36	730	0	-730
Guam	487	530	318	0.65	0.60	212	169	-43
Marshall Islands	92	129	88	0.96	0.68	41	4	-37
Northern Marianas	—	43	—	—	—	43	0	-43
Palau	147	141	110	0.75	0.78	31	37	6
Puerto Rico	36,100	38,037	36,053	1.00	0.95	1,984	47	-1,937
Virgin Islands	301	680	283	0.94	0.42	397	18	-379
Foreign countries	†	37,546	†	†	†	37,546	†	-37,546

† Not applicable.

— Not available.

¹ All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.² All students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.³ Students who attend institutions in their home state.⁴ Includes students coming to U.S. colleges from foreign countries and the outlying areas.⁵ Students are reported in "state unknown" when an institution is unable to determine the student's home state.

NOTE: Includes all students who are enrolled at the reporting institution for the first time. Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001. (This table was prepared September 2002.)

Table 207. Residence and migration of all freshmen students in degree-granting institutions graduating from high school in the previous 12 months, by state or jurisdiction: Fall 2000

State or jurisdiction	Students enrolled in institutions located in the jurisdiction ¹	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction ²	Attending college in home jurisdiction ³	Students enrolled (col. 4/col. 2)	Student residents (col. 4/col. 3)	Out of state (col. 3–col. 4)	Into state ⁴ (col. 2–col. 4)	Net (column 8–column 7)
1	2	3	4	5	6	7	8	9
United States	1,630,344	1,608,295	1,298,677	0.80	0.81	309,618	331,667	22,049
Alabama	27,354	24,463	21,577	0.79	0.88	2,886	5,777	2,891
Alaska	1,677	3,039	1,475	0.88	0.49	1,564	202	-1,362
Arizona	23,875	20,339	17,808	0.75	0.88	2,531	6,067	3,536
Arkansas	15,838	15,153	13,283	0.84	0.88	1,870	2,555	685
California	159,367	161,235	146,279	0.92	0.91	14,956	13,088	-1,868
Colorado	23,130	21,843	16,794	0.73	0.77	5,049	6,336	1,287
Connecticut	19,613	22,812	11,824	0.60	0.52	10,988	7,789	-3,199
Delaware	5,567	4,347	2,851	0.51	0.66	1,496	2,716	1,220
District of Columbia	6,518	1,901	393	0.06	0.21	1,508	6,125	4,617
Florida	74,243	68,777	60,371	0.81	0.88	8,406	13,872	5,466
Georgia	41,223	41,921	34,423	0.84	0.82	7,498	6,800	-698
Hawaii	6,218	7,759	5,358	0.86	0.69	2,401	860	-1,541
Idaho	7,369	7,443	5,395	0.73	0.72	2,048	1,974	-74
Illinois	67,088	76,861	58,781	0.88	0.76	18,080	8,307	-9,773
Indiana	42,717	36,990	32,022	0.75	0.87	4,968	10,695	5,727
Iowa	27,187	23,622	20,230	0.74	0.86	3,392	6,957	3,565
Kansas	22,260	21,046	18,403	0.83	0.87	2,643	3,857	1,214
Kentucky	25,453	23,951	20,884	0.82	0.87	3,067	4,569	1,502
Louisiana	29,087	27,918	24,898	0.86	0.89	3,020	4,189	1,169
Maine	6,758	7,703	4,407	0.65	0.57	3,296	2,351	-945
Maryland	25,879	30,343	19,057	0.74	0.63	11,286	6,822	-4,464
Massachusetts	51,093	43,207	29,689	0.58	0.69	13,518	21,404	7,886
Michigan	55,470	58,169	51,175	0.92	0.88	6,994	4,295	-2,699
Minnesota	37,365	39,200	29,707	0.80	0.76	9,493	7,658	-1,835
Mississippi	19,550	17,677	16,310	0.83	0.92	1,367	3,240	1,873
Missouri	33,761	31,854	26,120	0.77	0.82	5,734	7,641	1,907
Montana	5,680	6,143	4,364	0.77	0.71	1,779	1,316	-463
Nebraska	13,442	13,320	10,782	0.80	0.81	2,538	2,660	122
Nevada	5,579	6,127	4,557	0.82	0.74	1,570	1,022	-548
New Hampshire	8,658	8,094	3,805	0.44	0.47	4,289	4,853	564
New Jersey	35,194	54,412	31,222	0.89	0.57	23,190	3,972	-19,218
New Mexico	10,326	11,423	8,657	0.84	0.76	2,766	1,669	-1,097
New York	106,837	107,439	83,148	0.78	0.77	24,291	23,689	-602
North Carolina	50,464	43,394	39,528	0.78	0.91	3,866	10,936	7,070
North Dakota	7,330	6,285	4,758	0.65	0.76	1,527	2,572	1,045
Ohio	69,538	70,178	58,756	0.84	0.84	11,422	10,782	-640
Oklahoma	20,366	19,538	17,048	0.84	0.87	2,490	3,318	828
Oregon	16,699	16,630	12,704	0.76	0.76	3,926	3,995	69
Pennsylvania	91,176	81,148	66,933	0.73	0.82	14,215	24,243	10,028
Rhode Island	11,823	6,513	4,106	0.35	0.63	2,407	7,717	5,310
South Carolina	25,449	22,899	20,132	0.79	0.88	2,767	5,317	2,550
South Dakota	6,156	6,224	4,380	0.71	0.70	1,844	1,776	-68
Tennessee	33,245	30,055	24,684	0.74	0.82	5,371	8,561	3,190
Texas	112,414	117,120	105,050	0.93	0.90	12,070	7,364	-4,706
Utah	16,797	12,685	11,489	0.68	0.91	1,196	5,308	4,112
Vermont	5,121	3,601	1,455	0.28	0.40	2,146	3,666	1,520
Virginia	40,330	37,504	29,390	0.73	0.78	8,114	10,940	2,826
Washington	25,336	27,150	21,109	0.83	0.78	6,041	4,227	-1,814
West Virginia	12,511	10,654	8,836	0.71	0.83	1,818	3,675	1,857
Wisconsin	37,378	36,641	29,797	0.80	0.81	6,844	7,581	737
Wyoming	3,419	3,394	2,217	0.65	0.65	1,177	1,202	25
U.S. Service Schools	3,416	†	256	†	†	-256	3,160	3,416
State unknown ⁵	†	10,151	†	†	†	10,151	†	-10,151
Outlying areas	34,482	35,927	34,271	0.99	0.95	1,656	211	-1,445
American Samoa	—	63	—	—	—	63	0	-63
Federated States of Micronesia	347	531	347	1.00	0.65	184	0	-184
Guam	365	418	238	0.65	0.57	180	127	-53
Marshall Islands	88	96	88	1.00	0.92	8	0	-8
Northern Marianas	—	37	—	—	—	37	0	-37
Palau	147	133	110	0.75	0.83	23	37	14
Puerto Rico	33,375	34,231	33,336	1.00	0.97	895	39	-856
Virgin Islands	160	418	152	0.95	0.36	266	8	-258
Foreign countries	†	20,604	†	†	†	20,604	†	-20,604

† Not applicable.

— Not available.

¹ All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.² All students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.³ Students who attend institutions in their home state.⁴ Includes students coming to U.S. colleges from foreign countries and the outlying areas.⁵ Students are reported in "state unknown" when an institution is unable to determine the student's home state.

NOTE: Includes all students who are enrolled at the reporting institution for the first time. Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001. (This table was prepared September 2002.)

Table 208. Residence and migration of all freshmen students in 4-year degree-granting institutions graduating from high school in the previous 12 months, by state or jurisdiction: Fall 2000

State or jurisdiction	Students enrolled in institutions located in the jurisdiction ¹	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction ²	Attending college in home jurisdiction ³	Students enrolled (col.4 / col.2)	Student residents (col.4 / col.3)	Out of state (col. 3 – col. 4)	Into state ⁴ (col. 2 – col. 4)	Net (col. 8 – col. 7)
1	2	3	4	5	6	7	8	9
United States	1,135,919	1,116,325	832,375	0.73	0.75	283,950	303,544	19,594
Alabama	19,207	16,366	13,837	0.72	0.85	2,529	5,370	2,841
Alaska	1,648	2,874	1,449	0.88	0.50	1,425	199	-1,226
Arizona	14,453	11,698	9,439	0.65	0.81	2,259	5,014	2,755
Arkansas	11,895	10,902	9,461	0.80	0.87	1,441	2,434	993
California	85,943	89,260	75,190	0.87	0.84	14,070	10,753	-3,317
Colorado	19,902	18,649	13,981	0.70	0.75	4,668	5,921	1,253
Connecticut	16,159	19,246	8,403	0.52	0.44	10,843	7,756	-3,087
Delaware	4,588	3,324	1,893	0.41	0.57	1,431	2,695	1,264
District of Columbia	6,518	1,805	393	0.06	0.22	1,412	6,125	4,713
Florida	41,688	40,058	32,156	0.77	0.80	7,902	9,532	1,630
Georgia	29,219	30,046	23,041	0.79	0.77	7,005	6,178	-827
Hawaii	2,630	4,160	1,834	0.70	0.44	2,326	796	-1,530
Idaho	4,545	5,512	3,728	0.82	0.68	1,784	817	-967
Illinois	42,378	51,518	34,531	0.81	0.67	16,987	7,847	-9,140
Indiana	38,034	32,171	27,724	0.73	0.86	4,447	10,310	5,863
Iowa	17,407	14,355	11,292	0.65	0.79	3,063	6,115	3,052
Kansas	13,263	12,856	10,373	0.78	0.81	2,483	2,890	407
Kentucky	17,744	16,267	13,495	0.76	0.83	2,772	4,249	1,477
Louisiana	24,714	23,054	20,556	0.83	0.89	2,498	4,158	1,660
Maine	5,778	6,687	3,455	0.60	0.52	3,232	2,323	-909
Maryland	16,898	21,352	10,527	0.62	0.49	10,825	6,371	-4,454
Massachusetts	41,105	33,296	20,109	0.60	0.60	13,187	20,996	7,809
Michigan	39,762	42,140	35,715	0.90	0.85	6,425	4,047	-2,378
Minnesota	23,300	25,657	16,662	0.72	0.65	8,995	6,638	-2,357
Mississippi	8,642	7,055	5,884	0.68	0.83	1,171	2,758	1,587
Missouri	24,626	22,649	17,643	0.72	0.78	5,006	6,983	1,977
Montana	4,902	5,108	3,626	0.74	0.71	1,482	1,276	-206
Nebraska	10,325	10,017	7,831	0.76	0.78	2,186	2,494	308
Nevada	4,207	4,681	3,286	0.78	0.70	1,395	921	-474
New Hampshire	7,727	6,975	2,945	0.38	0.42	4,030	4,782	752
New Jersey	22,109	40,925	18,291	0.83	0.45	22,634	3,818	-18,816
New Mexico	6,128	7,381	4,935	0.81	0.67	2,446	1,193	-1,253
New York	83,098	84,247	60,579	0.73	0.72	23,668	22,519	-1,149
North Carolina	35,833	28,796	25,364	0.71	0.88	3,432	10,469	7,037
North Dakota	5,232	4,095	2,943	0.56	0.72	1,152	2,289	1,137
Ohio	55,209	55,411	44,944	0.81	0.81	10,467	10,265	-202
Oklahoma	14,056	13,286	11,086	0.79	0.83	2,200	2,970	770
Oregon	11,126	11,129	7,483	0.67	0.67	3,646	3,643	-3
Pennsylvania	71,972	62,798	49,226	0.68	0.78	13,572	22,746	9,174
Rhode Island	10,076	4,854	2,529	0.25	0.52	2,325	7,547	5,222
South Carolina	16,823	14,347	11,827	0.70	0.82	2,520	4,996	2,476
South Dakota	5,192	5,168	3,570	0.69	0.69	1,598	1,622	24
Tennessee	22,909	20,692	15,617	0.68	0.75	5,075	7,292	2,217
Texas	64,582	69,950	58,666	0.91	0.84	11,284	5,916	-5,368
Utah	13,429	9,240	8,451	0.63	0.91	789	4,978	4,189
Vermont	5,100	3,511	1,444	0.28	0.41	2,067	3,656	1,589
Virginia	32,774	29,902	22,229	0.68	0.74	7,673	10,545	2,872
Washington	16,033	17,557	12,070	0.75	0.69	5,487	3,963	-1,524
West Virginia	11,476	9,440	7,970	0.69	0.84	1,470	3,506	2,036
Wisconsin	28,865	27,790	21,581	0.75	0.78	6,209	7,284	1,075
Wyoming	1,274	1,915	855	0.67	0.45	1,060	419	-641
U.S. Service Schools	3,416	†	256	†	†	-256	3,160	3,416
State unknown ⁵	†	4,153	†	†	†	4,153	†	-4,153
Outlying areas	29,575	30,711	29,416	0.99	0.96	1,295	159	-1,136
American Samoa	†	47	†	†	†	47	†	-47
Federated States of Micronesia	†	74	†	†	†	74	†	-74
Guam	322	382	210	0.65	0.55	172	112	-60
Marshall Islands	†	7	†	†	†	7	†	-7
Northern Marianas	†	30	†	†	†	30	†	-30
Palau	†	22	†	†	†	22	†	-22
Puerto Rico	29,093	29,754	29,054	1.00	0.98	700	39	-661
Virgin Islands	160	395	152	0.95	0.38	243	8	-235
Foreign countries	†	18,458	†	†	†	18,458	†	-18,458

† Not applicable.

¹ All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.² All students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.³ Students who attend institutions in their home state.⁴ Includes students coming to U.S. colleges from foreign countries and the outlying areas.⁵ Students are reported in "state unknown" when an institution is unable to determine the student's home state.

NOTE: Includes all students who are enrolled at the reporting institution for the first time. Data are for 4-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001. (This table was prepared September 2002.)

Table 209. Total fall enrollment in degree-granting institutions, by race/ethnicity, sex, attendance status, and level of study: Selected years, 1976 to 2001

Level of study, sex, and race/ethnicity of student	Institutions of higher education, in thousands ¹			Degree-granting institutions, in thousands ²					Percentage distribution of students							
	1976	1980	1990	1996	1998	1999	2000	2001	Institutions of higher education ¹			Degree-granting institutions ²				
									1976	1980	1990	1996	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
All students																
Total	10,985.6	12,086.8	13,818.6	14,367.5	14,507.0	14,791.2	15,312.3	15,928.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	9,076.1	9,833.0	10,722.5	10,263.9	10,178.8	10,282.1	10,462.1	10,774.5	82.6	81.4	77.6	71.4	70.2	69.5	68.3	67.6
Total minority	1,690.8	1,948.8	2,704.7	3,637.4	3,884.7	4,020.7	4,321.5	4,588.2	15.4	16.1	19.6	25.3	26.8	27.2	28.2	28.8
Black, non-Hispanic	1,033.0	1,106.8	1,247.0	1,505.6	1,582.9	1,643.2	1,730.3	1,850.4	9.4	9.2	9.0	10.5	10.9	11.1	11.3	11.6
Hispanic	383.8	471.7	782.4	1,166.1	1,257.1	1,319.1	1,461.8	1,560.6	3.5	3.9	5.7	8.1	8.7	8.9	9.5	9.8
Asian or Pacific Islander ..	197.9	286.4	572.4	828.2	900.5	913.0	978.2	1,019.0	1.8	2.4	4.1	5.8	6.2	6.2	6.4	6.4
American Indian/Alaska Native	76.1	83.9	102.8	137.6	144.2	145.5	151.2	158.2	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0
Nonresident alien	218.7	305.0	391.5	466.3	443.5	488.5	528.7	565.3	2.0	2.5	2.8	3.2	3.1	3.3	3.5	3.5
Men	5,794.4	5,868.1	6,283.9	6,352.8	6,369.3	6,490.6	6,721.8	6,960.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,813.7	4,772.9	4,861.0	4,552.2	4,499.4	4,551.1	4,634.6	4,762.3	83.1	81.3	77.4	71.7	70.6	70.1	68.9	68.4
Total minority	826.6	884.4	1,176.6	1,533.4	1,615.2	1,663.6	1,789.8	1,881.1	14.3	15.1	18.7	24.1	25.4	25.6	26.6	27.0
Black, non-Hispanic	469.9	463.7	484.7	564.1	584.0	604.2	635.3	672.4	8.1	7.9	7.7	8.9	9.2	9.3	9.5	9.7
Hispanic	209.7	231.6	353.9	506.6	538.6	563.6	627.1	664.2	3.6	3.9	5.6	8.0	8.5	8.7	9.3	9.5
Asian or Pacific Islander	108.4	151.3	294.9	405.5	433.6	437.1	465.9	480.8	1.9	2.6	4.7	6.4	6.8	6.7	6.9	6.9
American Indian/Alaska Native	38.5	37.8	43.1	57.2	59.0	58.6	61.4	63.6	0.7	0.6	0.7	0.9	0.9	0.9	0.9	0.9
Nonresident alien	154.1	210.8	246.3	267.2	254.6	276.0	297.3	317.4	2.7	3.6	3.9	4.2	4.0	4.3	4.4	4.6
Women	5,191.2	6,218.7	7,534.7	8,014.7	8,137.7	8,300.6	8,590.5	8,967.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,262.4	5,060.1	5,861.5	5,711.7	5,679.4	5,731.0	5,827.5	6,012.2	82.1	81.4	77.8	71.3	69.8	69.0	67.8	67.0
Total minority	864.2	1,064.4	1,528.1	2,104.0	2,269.9	2,357.2	2,531.7	2,707.1	16.6	17.1	20.3	26.3	27.9	28.4	29.5	30.2
Black, non-Hispanic	563.1	643.0	762.3	941.4	999.0	1,038.9	1,095.0	1,178.0	10.8	10.3	10.1	11.7	12.3	12.5	12.7	13.1
Hispanic	174.1	240.1	428.5	659.5	718.5	755.5	834.7	896.4	3.4	3.9	5.7	8.2	8.8	9.1	9.7	10.0
Asian or Pacific Islander	89.4	135.2	277.5	422.6	466.9	475.8	512.3	538.3	1.7	2.2	3.7	5.3	5.7	5.7	6.0	6.0
American Indian/Alaska Native	37.6	46.1	59.7	80.4	85.1	86.8	89.7	94.5	0.7	0.7	0.8	1.0	1.0	1.0	1.0	1.1
Nonresident alien	64.6	94.2	145.2	199.0	188.9	212.4	231.4	247.8	1.2	1.5	1.9	2.5	2.3	2.6	2.7	2.8
Full-time	6,703.6	7,088.9	7,821.0	8,303.0	8,563.3	8,786.5	9,009.6	9,447.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	5,512.6	5,717.0	6,016.5	5,906.1	6,022.8	6,147.1	6,231.1	6,478.1	82.2	80.6	76.9	71.1	70.3	70.0	69.2	68.6
Total minority	1,030.9	1,137.5	1,514.9	2,046.8	2,193.6	2,263.6	2,368.5	2,530.7	15.4	16.0	19.4	24.7	25.6	25.8	26.3	26.8
Black, non-Hispanic	659.2	685.6	718.3	871.9	917.5	948.1	982.6	1,059.4	9.8	9.7	9.2	10.5	10.7	10.8	10.9	11.2
Hispanic	211.1	247.0	394.7	588.8	636.3	668.5	710.3	761.9	3.1	3.5	5.0	7.1	7.4	7.6	7.9	8.1
Asian or Pacific Islander	117.7	162.0	347.4	508.5	557.0	563.8	591.2	619.9	1.8	2.3	4.4	6.1	6.5	6.4	6.6	6.6
American Indian/Alaska Native	43.0	43.0	54.4	77.5	82.8	83.2	84.4	89.5	0.6	0.6	0.7	0.9	1.0	0.9	0.9	0.9
Nonresident alien	160.0	234.4	289.6	350.1	347.0	375.8	410.0	438.7	2.4	3.3	3.7	4.2	4.1	4.3	4.6	4.6
Part-time	4,282.1	4,997.9	5,997.7	6,064.6	5,943.6	6,004.7	6,302.7	6,480.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	3,563.5	4,116.0	4,706.0	4,357.8	4,156.0	4,135.0	4,231.0	4,296.4	83.2	82.4	78.5	71.9	69.9	68.9	67.1	66.3
Total minority	659.9	811.3	1,189.8	1,590.6	1,691.1	1,757.1	1,953.0	2,057.5	15.4	16.2	19.8	26.2	28.5	29.3	31.0	31.7
Black, non-Hispanic	373.8	421.2	528.7	633.6	665.4	695.1	747.7	791.1	8.7	8.4	8.8	10.4	11.2	11.6	11.9	12.2
Hispanic	172.7	224.8	387.7	577.3	620.8	650.6	751.5	798.7	4.0	4.5	6.5	9.5	10.4	10.8	11.9	12.3
Asian or Pacific Islander	80.2	124.4	225.1	319.6	343.5	349.1	387.1	399.2	1.9	2.5	3.8	5.3	5.8	5.8	6.1	6.2
American Indian/Alaska Native	33.1	40.9	48.4	60.0	61.3	62.3	66.8	68.6	0.8	0.8	0.8	1.0	1.0	1.0	1.1	1.1
Nonresident alien	58.7	70.6	101.8	116.2	96.5	112.7	118.7	126.5	1.4	1.4	1.7	1.9	1.6	1.9	1.9	2.0
Undergraduate	9,419.0	10,469.1	11,959.1	12,326.9	12,436.9	12,681.2	13,155.4	13,715.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	7,740.5	8,480.7	9,272.6	8,769.5	8,703.6	8,805.7	8,983.5	9,278.7	82.2	81.0	77.5	71.1	70.0	69.4	68.3	67.7
Total minority	1,535.3	1,778.5	2,467.7	3,282.1	3,492.1	3,605.3	3,884.0	4,130.2	16.3	17.0	20.6	26.6	28.1	28.4	29.5	30.1
Black, non-Hispanic	943.4	1,018.8	1,147.2	1,358.6	1,421.7	1,471.9	1,548.9	1,657.1	10.0	9.7	9.6	11.0	11.4	11.6	11.8	12.1
Hispanic	352.9	433.1	724.6	1,079.4	1,159.8	1,214.0	1,351.0	1,444.4	3.7	4.1	6.1	8.8	9.3	9.6	10.3	10.5
Asian or Pacific Islander ..	169.3	248.7	500.5	717.6	778.3	786.0	845.5	883.9	1.8	2.4	4.2	5.8	6.3	6.2	6.4	6.4
American Indian/Alaska Native	69.7	77.9	95.5	126.5	132.2	133.4	138.5	144.8	0.7	0.7	0.8	1.0	1.1	1.1	1.1	1.1
Nonresident alien	143.2	209.9	218.7	275.3	241.3	270.3	288.0	306.7	1.5	2.0	1.8	2.2	1.9	2.1	2.2	2.2
Men	4,896.8	4,997.4	5,379.8	5,420.7	5,446.1	5,559.5	5,778.3	6,004.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,052.2	4,054.9	4,184.4	3,890.8	3,861.8	3,919.7	4,010.1	4,139.6	82.8	81.1	77.8	71.8	70.9	70.5	69.4	68.9
Total minority	748.2	802.7	1,069.3	1,384.1	1,455.5	1,498.0	1,618.0	1,705.9	15.3	16.1	19.9	25.5	26.7	26.9	28.0	28.4
Black, non-Hispanic	430.7	428.2	448.0	513.6	530.2	548.4	577.0	611.7	8.8	8.6	8.3	9.5	9.7	9.9	10.0	10.2
Hispanic	191.7	211.2	326.9	469.2	498.2	520.6	582.6	618.5	3.9	4.2	6.1	8.7	9.1	9.4	10.1	10.3
Asian or Pacific Islander	91.1	128.5	254.5	348.8	373.0	375.0	401.9	417.2	1.9	2.6	4.7	6.4	6.8	6.7	7.0	6.9
American Indian/Alaska Native	34.8	34.8	39.9	52.4	54.2	53.9	56.4	58.5	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0
Nonresident alien	96.4	139.8	126.1	145.8	128.8	141.8	150.2	158.9	2.0	2.8	2.3	2.7	2.4	2.6	2.6	2.6
Women	4,522.1	5,471.7	6,579.3	6,906.3	6,990.8	7,121.8	7,377.1	7,711.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	3,688.3	4,425.8	5,088.2	4,878.7	4,841.8	4,886.0	4,973.3	5,139.0	81.6	80.9	77.3	70.6	69.3	68.6	67.4	66.6
Total minority	787.0	975.8	1,398.5	1,898.1	2,036.5	2,107.4	2,266.0	2,424.4	17.4	17.8	21.3	27.5	29.1	29.6	30.7	31.4
Black, non-Hispanic	512.7	590.6	699.2	845.0	891.5	923.5	971.9	1,045.4	11.3	10.8	10.6	12.2	12.8	13.0	13.2	13.6
Hispanic	161.2	221.8	397.6	610.1	661.6	693.4	768.4	825.9	3.6	4.1	6.0	8.8	9.5	9.7	10.4	10.7
Asian or Pacific Islander	78.2	120.2	246.0	368.8	405.3	411.0	443.6	466.7	1.7	2.2	3.7	5.3	5.8	5.8	6.0	6.1
American Indian/Alaska Native	34.9	43.1	55.5	74.1	78.1	79.5	82.1	86.3	0.8	0.8	0.8	1.1	1.1	1.1	1.1	1.1
Nonresident alien	46.8	70.1	92.6	129.5	112.5	128.4	137.8	147.8	1.0	1.3	1.4	1.9	1.6	1.8	1.9	1.9

See notes at end of table.

Table 209. Total fall enrollment in degree-granting institutions, by race/ethnicity, sex, attendance status, and level of study: Selected years, 1976 to 2001—Continued

Level of study, sex, and race/ ethnicity of student	Institutions of higher education, in thousands ¹			Degree-granting institutions, in thousands ²					Percentage distribution of students							
	1976	1980	1990	1996	1998	1999	2000	2001	Institutions of higher education ¹			Degree-granting institutions ²				
									1976	1980	1990	1996	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Graduate																
Total	1,322.5	1,340.9	1,586.2	1,742.3	1,767.6	1,806.8	1,850.3	1,903.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	1,115.6	1,104.7	1,228.4	1,272.6	1,254.3	1,256.5	1,258.5	1,275.1	84.4	82.4	77.4	73.0	71.0	69.5	68.0	67.0
Total minority	134.5	144.0	190.5	286.3	318.5	339.8	359.4	378.5	10.2	10.7	12.0	16.4	18.0	18.8	19.4	19.9
Black, non-Hispanic	78.5	75.1	83.9	125.5	138.7	148.7	157.9	169.4	5.9	5.6	5.3	7.2	7.8	8.2	8.5	8.9
Hispanic	26.4	32.1	47.2	72.8	82.9	90.4	95.4	100.5	2.0	2.4	3.0	4.2	4.7	5.0	5.2	5.3
Asian or Pacific Islander ...	24.5	31.6	53.2	79.1	87.0	90.7	95.8	97.4	1.9	2.4	3.4	4.5	4.9	5.0	5.2	5.1
American Indian/Alaska Native	5.1	5.2	6.2	8.9	9.8	10.0	10.3	11.2	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.6
Nonresident alien	72.4	92.2	167.3	183.3	194.8	210.6	232.3	250.1	5.5	6.9	10.5	10.5	11.0	11.7	12.6	13.1
Men	707.9	672.2	737.4	759.4	754.3	766.1	779.6	795.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	589.1	538.5	538.8	529.0	510.4	507.4	502.6	503.4	83.2	80.1	73.1	69.7	67.7	66.2	64.5	63.3
Total minority	63.7	65.0	82.1	114.0	122.8	129.3	135.1	138.9	9.0	9.7	11.1	15.0	16.3	16.9	17.3	17.5
Black, non-Hispanic	32.0	28.2	29.3	41.2	44.2	46.7	48.9	51.5	4.5	4.2	4.0	5.4	5.9	6.1	6.3	6.5
Hispanic	14.6	15.7	20.6	29.6	32.6	35.2	36.5	37.8	2.1	2.3	2.8	3.9	4.3	4.6	4.7	4.7
Asian or Pacific Islander	14.4	18.6	29.7	39.7	42.3	43.7	45.8	45.6	2.0	2.8	4.0	5.2	5.6	5.7	5.9	5.7
American Indian/ Alaska Native	2.7	2.5	2.6	3.6	3.7	3.7	3.8	4.1	0.4	0.4	0.3	0.5	0.5	0.5	0.5	0.5
Nonresident alien	55.1	68.7	116.4	116.4	121.1	129.4	142.0	153.4	7.8	10.2	15.8	15.3	16.1	16.9	18.2	19.3
Women	614.6	668.7	848.8	982.8	1,013.3	1,040.7	1,070.7	1,108.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	526.5	566.2	689.5	743.6	743.9	749.1	756.0	771.7	85.7	84.7	81.0	75.7	73.4	72.0	70.6	69.6
Total minority	70.8	79.0	108.3	172.3	195.6	210.5	224.4	239.6	11.5	11.8	12.8	17.5	19.3	20.2	21.0	21.6
Black, non-Hispanic	46.5	46.9	54.6	84.3	94.5	102.1	109.0	117.9	7.6	7.0	6.4	8.6	9.3	9.8	10.2	10.6
Hispanic	11.8	16.4	26.6	43.2	50.4	55.2	58.8	62.8	1.9	2.4	3.1	4.4	5.0	5.3	5.5	5.7
Asian or Pacific Islander	10.1	13.0	23.6	39.4	44.8	46.9	50.0	51.8	1.6	1.9	2.8	4.0	4.4	4.5	4.7	4.7
American Indian/ Alaska Native	2.4	2.7	3.6	5.3	6.0	6.3	6.5	7.1	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.6
Nonresident alien	17.3	23.5	50.9	66.9	73.7	81.1	90.3	96.7	2.8	3.5	6.0	6.8	7.3	7.8	8.4	8.7
First-professional																
Total	244.1	276.8	273.4	298.3	302.5	303.2	306.6	308.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	220.0	247.7	221.5	221.7	220.9	219.9	220.1	220.8	90.1	89.5	81.0	74.3	73.0	72.5	71.8	71.5
Total minority	21.1	26.3	46.5	69.0	74.1	75.6	78.1	79.5	8.6	9.5	17.0	23.1	24.5	24.9	25.5	25.7
Black, non-Hispanic	11.2	12.8	15.9	21.5	22.5	22.5	23.5	23.9	4.6	4.6	5.8	7.2	7.4	7.4	7.7	7.8
Hispanic	4.5	6.5	10.7	13.9	14.4	14.7	15.4	15.6	1.9	2.4	3.9	4.7	4.7	4.9	5.0	5.1
Asian or Pacific Islander ...	4.1	6.1	18.7	31.4	35.1	36.3	36.8	37.7	1.7	2.2	6.8	10.5	11.6	12.0	12.0	12.2
American Indian/Alaska Native	1.3	0.8	1.1	2.2	2.2	2.1	2.3	2.1	0.5	0.3	0.4	0.7	0.7	0.7	0.8	0.7
Nonresident alien	3.1	2.9	5.4	7.6	7.4	7.6	8.4	8.4	1.3	1.0	2.0	2.6	2.4	2.5	2.7	2.7
Men	189.6	198.5	166.8	172.7	168.8	165.1	163.9	160.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	172.4	179.5	137.8	132.3	127.2	124.0	122.0	119.3	90.9	90.5	82.6	76.6	75.3	75.1	74.4	74.2
Total minority	14.7	16.7	25.3	35.4	36.9	36.4	36.8	36.3	7.7	8.4	15.1	20.5	21.8	22.0	22.4	22.6
Black, non-Hispanic	7.2	7.4	7.4	9.4	9.5	9.1	9.5	9.3	3.8	3.7	4.4	5.4	5.6	5.5	5.8	5.8
Hispanic	3.5	4.6	6.4	7.7	7.8	7.7	8.0	7.9	1.8	2.3	3.8	4.5	4.6	4.7	4.9	4.9
Asian or Pacific Islander	2.9	4.1	10.8	17.1	18.4	18.4	18.1	18.1	1.5	2.1	6.5	9.9	10.9	11.1	11.1	11.2
American Indian/ Alaska Native	1.0	0.5	0.6	1.2	1.1	1.1	1.2	1.1	0.5	0.3	0.4	0.7	0.7	0.7	0.7	0.7
Nonresident alien	2.5	2.3	3.8	5.1	4.8	4.7	5.1	5.1	1.3	1.1	2.3	2.9	2.8	2.9	3.1	3.2
Women	54.5	78.4	106.6	125.6	133.6	138.1	142.7	148.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	47.6	68.1	83.7	89.4	93.7	95.9	98.1	101.5	87.3	86.9	78.5	71.2	70.1	69.4	68.7	68.6
Total minority	6.4	9.6	21.3	33.6	37.3	39.3	41.3	43.1	11.7	12.3	20.0	26.8	27.9	28.5	28.9	29.1
Black, non-Hispanic	3.9	5.5	8.5	12.1	12.9	13.4	14.0	14.6	7.2	7.0	8.0	9.6	9.7	9.7	9.8	9.9
Hispanic	1.0	1.9	4.3	6.2	6.5	7.0	7.4	7.7	1.9	2.4	4.0	4.9	4.9	5.0	5.2	5.2
Asian or Pacific Islander	1.1	2.0	7.9	14.4	16.8	17.9	18.7	19.7	2.1	2.6	7.4	11.4	12.5	13.0	13.1	13.3
American Indian/ Alaska Native	0.2	0.3	0.5	1.0	1.0	1.0	1.1	1.1	0.4	0.3	0.5	0.8	0.8	0.7	0.8	0.7
Nonresident alien	0.5	0.6	1.6	2.6	2.6	2.9	3.3	3.4	1.0	0.8	1.5	2.0	2.0	2.1	2.3	2.3

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

² Data are for 4-year and 2-year degree-granting higher education institutions that participated in Title IV federal financial aid programs.

NOTE: Because of underreporting and nonreporting of racial/ethnic data, some figures are slightly lower than corresponding data in other tables. Data for 1999 were imputed

using alternative procedures. (See Guide to Sources for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1976 and 1980; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1990 through 1999, and Spring 2001 and Spring 2002 surveys. (This table was prepared September 2003.)

Table 210. Total fall enrollment in degree-granting institutions, by race/ethnicity and control and type of institution: Selected years, 1976 to 2001

Type and control of institution and race/ethnicity	Institutions of higher education, in thousands ¹			Degree-granting institutions, in thousands ²					Percentage distribution of students							
	1976	1980	1990	1996	1998	1999	2000	2001	Institutions of higher education ¹			Degree-granting institutions ²				
									1976	1980	1990	1996	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
All students	10,985.6	12,086.8	13,818.6	14,367.5	14,507.0	14,791.2	15,312.3	15,928.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	9,076.1	9,833.0	10,722.5	10,263.9	10,178.8	10,282.1	10,462.1	10,774.5	82.6	81.4	77.6	71.4	70.2	69.5	68.3	67.6
Total minority	1,690.8	1,948.8	2,704.7	3,637.4	3,884.7	4,020.7	4,321.5	4,588.2	15.4	16.1	19.6	25.3	26.8	27.2	28.2	28.8
Black, non-Hispanic	1,033.0	1,046.8	1,707.7	2,635.5	2,582.9	2,643.2	2,730.3	2,850.4	9.4	9.2	9.0	10.5	10.9	11.1	11.3	11.6
Hispanic	383.8	471.7	782.4	1,166.1	1,257.1	1,319.1	1,461.8	1,560.6	3.5	3.9	5.7	8.1	8.7	8.9	9.5	9.8
Asian or Pacific Islander	197.9	286.4	572.4	828.2	900.5	913.0	978.2	1,019.0	1.8	2.4	4.1	5.8	6.2	6.2	6.4	6.4
American Indian/Alaska																
Native	76.1	83.9	102.8	137.6	144.2	145.5	151.2	158.2	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0
Nonresident alien	218.7	305.0	391.5	466.3	443.5	488.5	528.7	565.3	2.0	2.5	2.8	3.2	3.1	3.3	3.5	3.5
Public	8,641.0	9,456.4	10,844.7	11,120.5	11,137.8	11,309.4	11,752.8	12,233.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	7,094.5	7,656.1	8,385.4	7,871.9	7,750.6	7,803.2	7,963.4	8,214.0	82.1	81.0	77.3	70.8	69.6	69.0	67.8	67.1
Total minority	1,401.2	1,596.2	2,199.2	2,944.8	3,112.4	3,192.8	3,446.3	3,645.5	16.2	16.9	20.3	26.5	27.9	28.2	29.3	29.8
Black, non-Hispanic	831.2	876.1	976.4	1,177.4	1,218.8	1,253.4	1,319.2	1,397.1	9.6	9.3	9.0	10.6	10.9	11.1	11.2	11.4
Hispanic	336.8	406.2	671.4	990.7	1,057.8	1,099.1	1,229.3	1,308.8	3.9	4.3	6.2	8.9	9.5	9.7	10.5	10.7
Asian or Pacific Islander	165.7	239.7	461.0	657.9	713.2	716.1	770.5	806.1	1.9	2.5	4.3	5.9	6.4	6.3	6.6	6.6
American Indian/Alaska																
Native	67.5	74.2	90.4	118.8	122.6	124.2	127.3	133.6	0.8	0.8	0.8	1.1	1.1	1.1	1.1	1.1
Nonresident alien	145.3	204.2	260.0	303.8	274.9	313.3	343.1	373.6	1.7	2.2	2.4	2.7	2.5	2.8	2.9	3.1
Private	2,344.6	2,630.4	2,973.9	3,247.0	3,369.2	3,481.8	3,559.5	3,694.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	1,981.6	2,176.9	2,337.0	2,392.0	2,428.3	2,478.8	2,498.7	2,560.5	84.5	82.8	78.6	73.7	72.1	71.2	70.2	69.3
Total minority	289.6	352.7	505.5	692.6	772.3	827.9	875.2	942.7	12.4	13.4	17.0	21.3	22.9	23.8	24.6	25.5
Black, non-Hispanic	201.8	230.7	270.6	328.1	364.2	389.8	411.1	453.3	8.6	8.8	9.1	10.1	10.8	11.2	11.5	12.3
Hispanic	47.0	65.6	111.0	175.4	199.3	220.0	232.5	251.8	2.0	2.5	3.7	5.4	5.9	6.3	6.5	6.8
Asian or Pacific Islander	32.2	46.7	111.5	170.3	187.3	196.9	207.7	213.0	1.4	1.8	3.7	5.2	5.6	5.7	5.8	5.8
American Indian/Alaska																
Native	8.6	9.7	12.4	18.8	21.5	21.3	23.9	24.6	0.4	0.4	0.4	0.6	0.6	0.6	0.7	0.7
Nonresident alien	73.4	100.8	131.4	162.5	168.7	175.1	185.6	191.6	3.1	3.8	4.4	5.0	5.0	5.0	5.2	5.2
4-year	7,106.5	7,565.4	8,578.6	8,804.2	9,017.7	9,198.5	9,363.9	9,677.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	5,999.0	6,274.5	6,768.1	6,483.1	6,537.5	6,610.1	6,658.0	6,818.8	84.4	82.7	78.9	73.6	72.5	71.9	71.1	70.5
Total minority	931.0	1,049.9	1,486.1	1,946.8	2,091.6	2,177.6	2,266.1	2,392.5	13.1	13.9	17.3	22.1	23.2	23.7	24.2	24.7
Black, non-Hispanic	603.7	634.3	722.8	869.6	927.6	964.1	995.4	1,054.7	8.5	8.4	8.4	9.9	10.3	10.5	10.6	10.9
Hispanic	173.6	216.6	358.2	508.8	552.9	583.4	617.9	656.3	2.4	2.9	4.2	5.8	6.1	6.3	6.6	6.8
Asian or Pacific Islander	118.7	162.1	357.2	501.1	538.5	556.8	576.3	601.6	1.7	2.1	4.2	5.7	6.0	6.1	6.2	6.2
American Indian/Alaska																
Native	35.0	36.9	47.9	67.3	72.6	73.4	76.5	80.0	0.5	0.5	0.6	0.8	0.8	0.8	0.8	0.8
Nonresident alien	176.5	240.9	324.3	374.3	388.5	410.8	439.7	466.1	2.5	3.2	3.8	4.3	4.3	4.5	4.7	4.8
Public	4,892.9	5,127.6	5,848.2	5,806.0	5,891.8	5,970.0	6,055.4	6,236.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,120.2	4,243.0	4,605.6	4,258.7	4,267.0	4,293.8	4,311.2	4,409.0	84.2	82.7	78.8	73.3	72.4	71.9	71.2	70.7
Total minority	666.7	740.8	1,046.2	1,332.3	1,400.7	1,436.6	1,486.4	1,550.0	13.6	14.4	17.9	22.9	23.8	24.1	24.5	24.9
Black, non-Hispanic	421.8	438.2	495.1	580.1	602.0	615.3	627.8	650.4	8.6	8.5	8.5	10.0	10.2	10.3	10.4	10.4
Hispanic	129.3	156.4	262.5	359.8	381.9	394.1	420.0	439.8	2.6	3.1	4.5	6.2	6.5	6.6	6.9	7.1
Asian or Pacific Islander	87.5	117.2	250.6	340.5	361.9	371.4	381.3	400.3	1.8	2.3	4.3	5.9	6.1	6.2	6.3	6.4
American Indian/Alaska																
Native	28.2	29.0	38.0	52.0	54.8	55.8	57.2	59.4	0.6	0.6	0.7	0.9	0.9	0.9	0.9	1.0
Nonresident alien	106.0	143.8	196.4	215.0	224.1	239.5	257.8	277.4	2.2	2.8	3.4	3.7	3.8	4.0	4.3	4.4
Private	2,213.6	2,437.8	2,730.3	2,998.2	3,125.8	3,228.6	3,308.5	3,441.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	1,878.8	2,031.5	2,162.5	2,224.4	2,270.5	2,316.3	2,349.9	2,409.8	84.9	83.3	79.2	74.2	72.6	71.7	70.9	70.0
Total minority	264.3	309.2	439.8	614.5	690.9	741.0	779.7	842.5	11.9	12.7	16.1	20.5	22.1	23.0	23.6	24.5
Black, non-Hispanic	182.0	196.1	227.7	289.5	325.5	348.7	367.6	404.3	8.2	8.0	8.3	9.7	10.4	10.8	11.1	11.7
Hispanic	44.3	60.2	95.7	149.0	171.0	189.3	197.9	216.5	2.0	2.5	3.5	5.0	5.5	5.9	6.0	6.3
Asian or Pacific Islander	31.2	44.9	106.6	160.7	176.6	185.4	195.0	201.3	1.4	1.8	3.9	5.4	5.6	5.7	5.9	5.8
American Indian/Alaska																
Native	6.8	7.9	9.9	15.3	17.8	17.6	19.3	20.5	0.3	0.3	0.4	0.5	0.6	0.5	0.6	0.6
Nonresident alien	70.5	97.1	127.9	159.3	164.4	171.3	181.9	188.6	3.2	4.0	4.7	5.3	5.3	5.3	5.5	5.5
2-year	3,879.1	4,521.4	5,240.1	5,563.3	5,489.3	5,592.7	5,948.4	6,250.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	3,077.1	3,558.5	3,954.3	3,780.8	3,641.3	3,672.0	3,804.1	3,955.7	79.3	78.7	75.5	68.0	66.3	65.7	64.0	63.3
Total minority	759.8	898.9	1,218.6	1,690.6	1,793.0	1,843.1	2,055.4	2,195.7	19.6	19.9	23.3	30.4	32.7	33.0	34.6	35.1
Black, non-Hispanic	429.3	472.5	524.3	636.0	655.4	679.1	734.9	795.7	11.1	10.4	10.0	11.4	11.9	12.1	12.4	12.7
Hispanic	210.2	255.1	424.2	657.3	704.2	735.7	843.9	904.3	5.4	5.6	8.1	11.8	12.8	13.2	14.2	14.5
Asian or Pacific Islander	79.2	124.3	215.2	327.0	361.9	356.2	401.9	417.5	2.0	2.8	4.1	5.9	6.6	6.4	6.8	6.7
American Indian/Alaska																
Native	41.2	47.0	54.9	70.2	71.5	72.1	74.7	78.2	1.1	1.0	1.0	1.3	1.3	1.3	1.3	1.3
Nonresident alien	42.2	64.1	67.1	92.0	55.0	77.6	89.0	99.2	1.1	1.4	1.3	1.7	1.0	1.4	1.5	1.6
Public	3,748.1	4,328.8	4,996.5	5,314.5	5,240.6	5,339.4	5,697.4	5,996.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	2,974.3	3,413.1	3,779.8	3,613.2	3,483.6	3,509.4	3,652.2	3,805.0	79.4	78.8	75.7	68.0	66.4	65.7	64	

Table 211. Total number of institutions and fall enrollment in degree-granting institutions, by control, type, and percentage of minority enrollment: 2001

Minority percentage of total enrollment	Public institutions				Private not-for-profit and for-profit institutions				Private not-for-profit institutions only							
	Total	4-year institutions			Total	4-year institutions			Total	4-year institutions						
		University	Other 4-year	2-year		Total	University	Other 4-year		2-year	Total	University	Other 4-year	2-year	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
All institutions																
Number of institutions	4,074	1,688	620	94	526	1,068	2,386	1,785	62	1,723	601	1,636	1,509	62	1,447	127
Total enrollment	15,927,987	12,233,156	6,236,455	2,336,922	3,899,533	5,996,701	3,694,831	3,440,963	789,985	2,650,968	253,878	3,167,330	3,119,781	789,985	2,329,796	47,549
U.S. citizens	15,362,725	11,859,534	5,959,006	2,191,782	3,767,224	5,900,528	3,503,191	3,252,333	707,873	2,544,460	250,858	2,986,005	2,939,476	707,873	2,231,603	46,529
Minority	4,588,206	3,645,530	1,549,997	433,963	1,116,034	2,095,533	942,676	842,534	193,588	648,946	100,142	731,319	712,321	193,588	518,733	18,998
90.0 percent or more minority enrollment	130	54	30	0	30	24	76	54	0	54	22	62	52	0	52	10
Number of institutions	325,266	244,922	146,809	0	146,809	98,113	80,344	72,453	0	72,453	7,891	72,044	68,475	0	68,475	3,569
Total enrollment	320,410	241,269	144,202	0	144,202	97,067	79,141	71,253	0	71,253	7,888	70,878	67,309	0	67,309	3,569
U.S. citizens	306,891	229,576	136,518	0	136,518	93,058	77,315	69,786	0	69,786	7,529	69,408	65,923	0	65,923	3,485
75.0 to 89.9 percent minority enrollment	146	68	20	0	20	48	78	33	1	32	45	34	19	1	18	15
Number of institutions	574,907	498,936	127,252	0	127,252	371,684	75,971	49,379	11,004	38,375	26,592	40,568	33,447	11,004	22,443	7,121
Total enrollment	559,527	486,285	123,044	0	123,044	363,241	73,242	46,872	9,716	37,156	26,370	38,375	31,301	9,716	21,585	7,074
U.S. citizens	475,078	411,613	103,915	0	103,915	307,698	63,465	41,136	9,562	31,574	22,329	33,827	27,908	9,562	18,346	5,919
50.0 to 74.9 percent minority enrollment	389	156	38	5	33	118	233	119	0	119	114	80	56	0	56	24
Number of institutions	1,930,066	1,690,677	583,795	135,365	448,410	1,106,882	239,389	188,509	0	188,509	50,880	100,231	93,660	0	93,660	6,571
Total enrollment	1,860,675	1,628,756	548,794	125,584	423,210	1,079,862	231,919	181,698	0	181,698	50,221	96,229	89,744	0	89,744	6,485
U.S. citizens	1,156,289	1,009,826	339,800	75,199	264,601	670,026	146,463	115,485	0	115,485	30,978	62,402	58,414	0	58,414	3,988
25.0 to 49.9 percent minority enrollment	944	410	111	10	101	299	534	379	24	355	155	301	276	24	252	25
Number of institutions	4,176,486	3,125,193	1,219,213	282,574	936,639	1,905,980	1,051,293	980,666	355,002	625,664	70,627	885,876	877,079	355,002	522,077	8,797
Total enrollment	4,011,047	3,033,393	1,158,922	263,150	895,772	1,874,471	977,654	908,115	313,922	594,193	69,539	816,583	808,128	313,922	494,206	8,455
U.S. citizens	1,448,796	1,097,563	415,992	89,755	326,237	681,571	351,233	324,325	110,230	214,095	26,908	290,331	287,280	110,230	177,050	3,051
10.0 to 24.9 percent minority enrollment	1,314	526	228	49	179	298	788	647	34	613	141	612	581	34	547	31
Number of institutions	5,775,763	4,290,311	2,603,030	1,305,269	1,297,761	1,687,281	1,485,452	1,426,966	376,607	1,050,359	58,486	1,348,201	1,335,669	376,607	959,062	12,532
Total enrollment	5,547,943	4,146,471	2,482,971	1,223,362	1,259,609	1,663,500	1,401,472	1,343,643	338,820	1,004,823	57,829	1,265,739	1,253,444	338,820	914,624	12,295
U.S. citizens	995,625	739,994	446,623	221,750	224,873	293,371	255,631	245,770	70,597	175,173	10,061	229,618	227,610	70,597	157,013	2,008
Less than 10.0 percent minority enrollment	1,151	474	193	30	163	281	677	553	3	550	124	547	525	3	522	22
Number of institutions	3,145,499	2,383,117	1,556,356	613,694	942,662	826,761	762,382	722,980	47,372	675,608	39,402	720,410	711,451	47,372	664,079	8,959
Total enrollment	3,063,123	2,323,360	1,501,073	579,686	921,387	822,287	739,763	700,752	45,415	655,337	39,011	698,201	689,550	45,415	644,136	8,651
U.S. citizens	205,327	156,958	107,149	47,259	59,890	49,809	48,369	46,032	3,199	42,833	2,337	45,733	45,186	3,199	41,987	547

NOTE: Minority students includes Black, Hispanic, Asian or Pacific Islander, and American Indian/Alaska Native students. Some institutions do not report separate enrollment data for each branch campus. For this reason, counts of institutions in this table are somewhat lower than figures appearing in other tables. Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002. (This table was prepared September 2003.)

Table 212. Fall enrollment in degree-granting institutions, by race/ethnicity of student and state or jurisdiction: 2001

State or jurisdiction	Total	White, non-Hispanic	Minority enrollment, by race/ethnicity					Non-resident alien	Percentage distribution of students							
			Total	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native		Total	White, non-Hispanic	Minority by race/ethnicity of students					Non-resident alien
											Total	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States	15,927,987	10,774,519	4,588,206	1,850,420	1,560,587	1,019,048	158,151	565,262	100.0	67.6	28.8	11.6	9.8	6.4	1.0	3.5
Alabama	236,146	157,489	72,583	65,280	2,475	3,055	1,773	6,074	100.0	66.7	30.7	27.6	1.0	1.3	0.8	2.6
Alaska	27,756	20,356	6,594	998	884	1,134	3,578	806	100.0	73.3	23.8	3.6	3.2	4.1	12.9	2.9
Arizona	366,485	252,108	103,778	16,027	59,736	13,450	14,565	10,599	100.0	68.8	28.3	4.4	16.3	3.7	4.0	2.9
Arkansas	122,282	93,970	25,499	21,008	1,711	1,579	1,201	2,813	100.0	76.8	20.9	17.2	1.4	1.3	1.0	2.3
California	2,380,090	1,086,589	1,207,781	178,091	574,549	430,861	24,280	75,720	100.0	46.1	50.7	7.5	24.1	18.1	1.0	3.2
Colorado	269,292	209,578	52,824	11,217	27,699	10,089	3,819	6,890	100.0	77.8	19.6	4.2	10.3	3.7	1.4	2.6
Connecticut	165,027	123,921	34,083	15,545	11,330	6,581	627	7,023	100.0	75.1	20.7	9.4	6.9	4.0	0.4	4.3
Delaware	47,104	35,067	10,936	8,179	1,341	1,210	206	1,101	100.0	74.4	23.2	17.4	2.8	2.6	0.4	2.3
District of Columbia	87,252	41,516	36,832	27,112	3,834	5,653	233	8,904	100.0	47.6	42.2	31.1	4.4	6.5	0.3	10.2
Florida	753,554	448,234	276,392	125,505	122,615	24,880	3,392	28,928	100.0	59.5	36.7	16.7	16.3	3.3	0.5	3.8
Georgia	376,098	232,837	131,789	110,516	7,338	12,831	1,104	11,472	100.0	61.9	35.0	29.4	2.0	3.4	0.3	3.1
Hawaii	62,079	15,948	40,767	1,792	1,792	36,909	319	5,364	100.0	25.7	65.7	2.8	2.9	59.5	0.5	8.6
Idaho	69,674	62,741	5,251	529	2,595	1,149	978	1,682	100.0	90.0	7.5	0.8	3.7	1.6	1.4	2.4
Illinois	748,444	493,721	230,786	99,984	83,860	44,581	2,361	23,937	100.0	66.0	30.8	13.4	11.2	6.0	0.3	3.2
Indiana	338,715	283,793	41,929	26,176	8,511	5,996	1,246	12,993	100.0	83.8	12.4	7.7	2.5	1.8	0.4	3.8
Iowa	194,822	171,005	15,647	6,219	4,017	4,472	939	8,170	100.0	87.8	8.0	3.2	2.1	2.3	0.5	4.2
Kansas	184,943	154,191	24,080	9,743	6,915	4,582	2,840	6,672	100.0	83.4	13.0	5.3	3.7	2.5	1.5	3.6
Kentucky	214,839	187,946	22,688	17,648	1,926	2,456	658	4,205	100.0	87.5	10.6	8.2	0.9	1.1	0.3	2.0
Louisiana	228,871	144,650	77,830	66,193	5,352	4,806	1,479	6,391	100.0	63.2	34.0	28.9	2.3	2.1	0.6	2.8
Maine	61,127	56,393	3,350	930	739	919	762	1,384	100.0	92.3	5.5	1.5	1.2	1.5	1.2	2.3
Maryland	288,224	173,274	102,387	74,165	9,367	17,739	1,116	12,563	100.0	60.1	35.5	25.7	3.2	6.2	0.4	4.4
Massachusetts	425,071	312,647	83,956	29,731	23,118	29,239	1,868	28,468	100.0	73.6	19.8	7.0	5.4	6.9	0.4	6.7
Michigan	585,998	453,825	106,985	69,655	14,056	18,638	4,636	25,188	100.0	77.4	18.3	11.9	2.4	3.2	0.8	4.3
Minnesota	308,233	264,997	33,920	13,872	4,875	11,554	3,619	9,316	100.0	86.0	11.0	4.5	1.6	3.7	1.2	3.0
Mississippi	137,882	84,419	51,433	48,888	870	1,085	590	2,030	100.0	61.2	37.3	35.5	0.6	0.8	0.4	1.5
Missouri	331,580	269,035	52,442	35,273	7,456	7,702	2,011	10,103	100.0	81.1	15.8	10.6	2.2	2.3	0.6	3.0
Montana	44,932	38,584	5,497	330	719	384	4,064	851	100.0	85.9	12.2	0.7	1.6	0.9	9.0	1.9
Nebraska	113,817	99,716	10,606	4,133	2,892	2,706	875	3,495	100.0	87.6	9.3	3.6	2.5	2.4	0.8	3.1
Nevada	93,368	63,118	28,012	7,113	11,196	8,206	1,497	2,238	100.0	67.6	30.0	7.6	12.0	8.8	1.6	2.4
New Hampshire	65,031	58,969	4,335	1,247	1,415	1,363	310	1,727	100.0	90.7	6.7	1.9	2.2	2.1	0.5	2.7
New Jersey	346,507	213,982	116,918	46,232	41,698	27,950	1,038	15,607	100.0	61.8	33.7	13.3	12.0	8.1	0.3	4.5
New Mexico	112,861	49,811	61,132	3,178	45,764	2,476	9,714	1,918	100.0	44.1	54.2	2.8	40.5	2.2	8.6	1.7
New York	1,057,794	661,498	337,773	144,170	111,302	78,543	3,758	58,523	100.0	62.5	31.9	13.6	10.5	7.4	0.4	5.5
North Carolina	427,784	298,827	117,883	94,954	8,302	9,618	5,009	11,074	100.0	69.9	27.6	22.2	1.9	2.2	1.2	2.6
North Dakota	42,843	37,982	3,566	504	314	366	2,372	1,305	100.0	88.7	8.3	1.2	0.7	0.9	5.5	3.0
Ohio	569,223	466,724	85,151	60,573	9,772	12,755	2,051	17,348	100.0	82.0	15.0	10.6	1.7	2.2	0.4	3.0
Oklahoma	189,785	137,130	43,677	15,802	5,933	4,489	17,453	8,978	100.0	72.3	23.0	8.3	3.1	2.4	9.2	4.7
Oregon	191,378	157,613	27,353	4,108	7,701	12,387	3,157	6,412	100.0	82.4	14.3	2.1	4.0	6.5	1.6	3.4
Pennsylvania	630,299	508,268	100,291	58,298	15,111	25,164	1,718	21,740	100.0	80.6	15.9	9.2	2.4	4.0	0.3	3.4
Rhode Island	77,235	61,984	12,289	4,313	4,394	3,246	336	2,962	100.0	80.3	15.9	5.6	5.7	4.2	0.4	3.8
South Carolina	191,590	130,386	57,458	51,648	2,517	2,676	617	3,746	100.0	68.1	30.0	27.0	1.3	1.4	0.3	2.0
South Dakota	45,534	40,378	4,276	455	374	293	3,154	880	100.0	88.7	9.4	1.0	0.8	0.6	6.9	1.9
Tennessee	258,534	197,569	54,974	46,026	3,507	4,509	932	5,991	100.0	76.4	21.3	17.8	1.4	1.7	0.4	2.3
Texas	1,076,678	598,471	434,717	121,090	254,848	53,182	5,597	43,490	100.0	55.6	40.4	11.2	23.7	4.9	0.5	4.0
Utah	177,045	158,038	13,607	1,122	6,166	4,649	1,670	5,400	100.0	89.3	7.7	0.6	3.5	2.6	0.9	3.1
Vermont	36,351	33,328	2,159	550	736	679	194	864	100.0	91.7	5.9	1.5	2.0	1.9	0.5	2.4
Virginia	389,853	272,762	105,524	71,242	11,844	20,321	2,117	11,567	100.0	70.0	27.1	18.3	3.0	5.2	0.5	3.0
Washington	325,132	250,677	64,175	12,987	14,911	30,262	6,015	10,280	100.0	77.1	19.7	4.0	4.6	9.3	1.9	3.2
West Virginia	91,319	82,780	6,367	4,327	711	966	363	2,172	100.0	90.6	7.0	4.7	0.8	1.1	0.4	2.4
Wisconsin	315,850	275,572	32,943	14,588	7,377	7,749	3,229	7,335	100.0	87.2	10.4	4.6	2.3	2.5	1.0	2.3
Wyoming	31,095	28,413	2,243	274	1,146	255	568	439	100.0	91.4	7.2	0.9	3.7	0.8	1.8	1.4
U.S. Service Schools	14,561	11,689	2,748	925	976	704	143	124	100.0	80.3	18.9	6.4	6.7	4.8	1.0	0.9
Outlying areas	201,642	1,474	199,595	2,009	188,166	9,395	25	573	100.0	0.7	99.0	1.0	93.3	4.7	0.0	0.3
American Samoa	1,178	3	1,036	0	1	1,034	1	139	100.0	0.3	87.9	0.0	0.1	87.8	0.1	11.8
Federated States of Micronesia	2,243	0	2,243	0	0	2,243	0	0	100.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
Guam	4,869	330	4,435	38	40	4,352	5	104	100.0	6.8	91.1	0.8	0.8	89.4	0.1	2.1
Marshall Islands	220	0	220	0	0	220	0	0	100.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
Northern Marianas	982	37	873	4	4	865	0	72	100.0	3.8	88.9	0.4	0.4	88.1	0.0	7.3
Palau	579	0	579	1	0	578	0	0	100.0	0.0	100.0	0.2	0.0	99.8	0.0	0.0
Puerto Rico	188,430	254	188,080	29	187,989	51	11	96	100.0	0.1	99.8	#	99.8	#	#	0.1
Virgin Islands	3,141	850	2,129	1,937	132	52	8	162	100.0	27.1	67.8	61.7	4.2	1.7	0.3	5.2

Rounds to zero.

NOTE: Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002. (This table was prepared September 2003.)

Table 213. Fall enrollment in degree-granting institutions, by race/ethnicity of student and state or jurisdiction: 2000

State or jurisdiction	Total	White, non-Hispanic	Minority enrollment, by race/ethnicity					Non-resident alien	Percentage distribution of students							
			Total	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native		Total	White, non-Hispanic	Minority by race/ethnicity of students					Non-resident alien
											Total	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States	15,312,289	10,462,099	4,321,498	1,730,318	1,461,806	978,224	151,150	528,692	100.0	68.3	28.2	11.3	9.5	6.4	1.0	3.5
Alabama	233,962	156,607	71,600	61,959	4,401	3,506	1,734	5,755	100.0	66.9	30.6	26.5	1.9	1.5	0.7	2.5
Alaska	27,953	20,850	6,350	990	893	1,062	3,405	753	100.0	74.6	22.7	3.5	3.2	3.8	12.2	2.7
Arizona	342,990	236,684	95,965	13,895	55,520	12,561	13,989	9,841	100.0	69.1	28.0	4.1	16.2	3.7	4.1	2.9
Arkansas	115,172	90,244	22,315	18,201	1,468	1,547	1,099	2,613	100.0	78.4	19.4	15.8	1.3	1.3	1.0	2.3
California	2,256,708	1,051,968	1,132,834	169,794	527,550	411,852	23,638	71,906	100.0	46.6	50.2	7.5	23.4	18.3	1.0	3.2
Colorado	263,872	206,924	50,772	10,478	26,601	9,979	3,714	6,176	100.0	78.4	19.2	4.0	10.1	3.8	1.4	2.3
Connecticut	161,243	122,933	32,058	14,378	10,446	6,635	599	6,252	100.0	76.2	19.9	8.9	6.5	4.1	0.4	3.9
Delaware	43,897	32,929	9,848	7,372	1,225	1,077	174	1,120	100.0	75.0	22.4	16.8	2.8	2.5	0.4	2.6
District of Columbia	72,689	35,199	29,145	21,064	3,255	4,623	203	8,345	100.0	48.4	40.1	29.0	4.5	6.4	0.3	11.5
Florida	707,684	428,733	252,197	113,071	112,480	23,598	3,048	26,754	100.0	60.6	35.6	16.0	15.9	3.3	0.4	3.8
Georgia	346,204	219,775	116,249	96,550	6,674	12,051	974	10,180	100.0	63.5	33.6	27.9	1.9	3.5	0.3	2.9
Hawaii	60,182	15,138	39,455	1,544	1,545	36,075	291	5,589	100.0	25.2	65.6	2.6	2.6	59.9	0.5	9.3
Idaho	65,594	59,453	4,686	417	2,218	1,108	943	1,455	100.0	90.6	7.1	0.6	3.4	1.7	1.4	2.2
Illinois	743,918	495,251	225,435	97,861	80,379	44,847	2,348	23,232	100.0	66.6	30.3	13.2	10.8	6.0	0.3	3.1
Indiana	314,334	265,225	68,883	22,566	7,680	5,474	1,163	12,226	100.0	84.4	11.7	7.2	2.4	1.7	0.4	3.9
Iowa	188,974	166,739	14,313	5,389	3,570	4,421	933	7,922	100.0	88.2	7.6	2.9	1.9	2.3	0.5	4.2
Kansas	179,968	150,502	23,771	9,619	6,579	4,729	2,844	5,695	100.0	83.6	13.2	5.3	3.7	2.6	1.6	3.2
Kentucky	188,341	163,988	20,711	15,605	1,921	2,525	660	3,642	100.0	87.1	11.0	8.3	1.0	1.3	0.4	1.9
Louisiana	223,800	142,685	75,089	63,005	5,710	5,022	1,352	6,026	100.0	63.8	33.6	28.2	2.6	2.2	0.6	2.7
Maine	58,473	54,379	3,005	718	513	974	800	1,089	100.0	93.0	5.1	1.2	0.9	1.7	1.4	1.9
Maryland	273,745	166,447	95,152	68,388	8,512	17,173	1,079	12,146	100.0	60.8	34.8	25.0	3.1	6.3	0.4	4.4
Massachusetts	421,142	312,856	80,450	28,307	22,277	27,961	1,905	27,836	100.0	74.3	19.1	6.7	5.3	6.6	0.5	6.6
Michigan	567,631	443,502	101,481	65,349	13,346	18,425	4,361	22,648	100.0	78.1	17.9	11.5	2.4	3.2	0.8	4.0
Minnesota	293,445	254,358	30,440	11,981	4,386	10,878	3,195	8,647	100.0	86.7	10.4	4.1	1.5	3.7	1.1	2.9
Mississippi	137,389	85,332	50,056	47,764	757	997	538	2,001	100.0	62.1	36.4	34.8	0.6	0.7	0.4	1.5
Missouri	321,348	263,431	48,673	32,141	6,856	7,742	1,934	9,244	100.0	82.0	15.1	10.0	2.1	2.4	0.6	2.9
Montana	42,240	36,300	5,030	179	623	345	3,883	910	100.0	85.9	11.9	0.4	1.5	0.8	9.2	2.2
Nebraska	112,117	98,619	10,426	4,101	2,772	2,619	934	3,072	100.0	88.0	9.3	3.7	2.5	2.3	0.8	2.7
Nevada	87,893	61,220	24,460	6,152	9,471	7,351	1,486	2,213	100.0	69.7	27.8	7.0	10.8	8.4	1.7	2.5
New Hampshire	61,718	55,972	4,105	1,180	1,284	1,322	319	1,641	100.0	90.7	6.7	1.9	2.1	2.1	0.5	2.7
New Jersey	335,945	211,507	109,965	43,675	38,697	26,546	1,047	14,473	100.0	63.0	32.7	13.0	11.5	7.9	0.3	4.3
New Mexico	110,739	47,882	60,893	3,317	45,136	2,555	9,885	1,964	100.0	43.2	55.0	3.0	40.8	2.3	8.9	1.8
New York	1,043,395	659,849	329,227	141,474	108,364	75,632	3,757	54,319	100.0	63.2	31.6	13.6	10.4	7.2	0.4	5.2
North Carolina	404,652	285,714	109,933	88,832	7,226	9,044	4,491	9,345	100.0	70.6	27.1	22.0	1.8	2.2	1.1	2.3
North Dakota	40,248	36,146	2,932	383	291	329	1,929	1,170	100.0	89.8	7.3	1.0	0.7	0.8	4.8	2.9
Ohio	549,553	453,193	78,687	56,232	8,931	11,518	2,006	17,673	100.0	82.5	14.3	10.2	1.6	2.1	0.4	3.2
Oklahoma	178,016	129,780	40,524	14,453	5,511	4,690	15,870	7,712	100.0	72.9	22.8	8.1	3.1	2.6	8.9	4.3
Oregon	183,065	151,135	25,687	3,708	7,788	11,254	2,937	6,243	100.0	82.6	14.0	2.0	4.3	6.1	1.6	3.4
Pennsylvania	609,521	495,754	91,972	53,280	13,836	23,193	1,663	21,795	100.0	81.3	15.1	8.7	2.3	3.8	0.3	3.6
Rhode Island	75,450	60,986	11,686	4,080	4,071	3,218	317	2,778	100.0	80.8	15.5	5.4	5.4	4.3	0.4	3.7
South Carolina	185,931	129,446	52,725	47,450	2,205	2,465	605	3,760	100.0	69.6	28.4	25.5	1.2	1.3	0.3	2.0
South Dakota	43,221	38,301	4,067	389	321	284	3,073	853	100.0	88.6	9.4	0.9	0.7	0.7	7.1	2.0
Tennessee	263,910	200,027	58,132	48,816	3,518	4,817	981	5,751	100.0	75.8	22.0	18.5	1.3	1.8	0.4	2.2
Texas	1,033,973	584,026	413,762	112,746	244,492	51,375	5,149	36,185	100.0	56.5	40.0	10.9	23.6	5.0	0.5	3.5
Utah	163,776	147,232	11,565	949	5,141	3,989	1,486	4,979	100.0	89.9	7.1	0.6	3.1	2.4	0.9	3.0
Vermont	35,489	32,827	1,797	421	585	616	175	865	100.0	92.5	5.1	1.2	1.6	1.7	0.5	2.4
Virginia	381,893	267,614	101,903	69,064	11,096	19,770	1,973	12,376	100.0	70.1	26.7	18.1	2.9	5.2	0.5	3.2
Washington	320,840	248,553	62,419	12,695	14,224	29,345	6,155	9,868	100.0	77.5	19.5	4.0	4.4	9.1	1.9	3.1
West Virginia	87,888	79,865	6,025	3,942	644	1,053	386	1,998	100.0	90.9	6.9	4.5	0.7	1.2	0.4	2.3
Wisconsin	307,179	269,738	30,322	13,309	6,749	7,188	3,076	7,119	100.0	87.8	9.9	4.3	2.2	2.3	1.0	2.3
Wyoming	30,004	27,405	2,171	255	1,150	247	519	428	100.0	91.3	7.2	0.8	3.8	0.8	1.7	1.4
U.S. Service Schools	13,475	10,876	2,490	830	918	617	125	109	100.0	80.7	18.5	6.2	6.8	4.6	0.9	0.8
Outlying areas	194,633	682	193,411	2,016	182,785	8,590	20	540	100.0	0.4	99.4	1.0	93.9	4.4	0.0	0.3
American Samoa	297	2	265	1	0	259	5	30	100.0	0.7	89.2	0.3	0.0	87.2	1.7	10.1
Federated States of Micronesia	1,576	1	1,575	0	0	1,575	0	0	100.0	0.1	99.9	0.0	0.0	99.9	0.0	0.0
Guam	5,215	277	4,812	28	33	4,746	5	126	100.0	5.3	92.3	0.5	0.6	91.0	0.1	2.4
Marshall Islands	328	0	328	0	0	328	0	0	100.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
Northern Marianas	1,078	22	1,056	0	4	1,052	0	0	100.0	2.0	98.0	0.0	0.4	97.6	0.0	0.0
Palau	581	0	581	1	0	580	0	0	100.0	0.0	100.0	0.2	0.0	99.8	0.0	0.0
Puerto Rico	183,290	307	182,756	63	182,648	37	8	227	100.0	0.2	99.7	#	99.6	#	#	0.1
Virgin Islands	2,268	73	2,038	1,923	100	13	2	157	100.0	3.2	89.9	84.8	4.4	0.6	0.1	6.9

Rounds to zero.

NOTE: Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001. (This table was prepared September 2003.)

Table 214. Number and percent of students enrolled in postsecondary institutions, by level, disability status, and selected student characteristics: 1999–2000

Selected student characteristic	Undergraduate			Graduate and first-professional ¹		
	All students	Disabled students ²	Nondisabled students	All students	Disabled students ²	Nondisabled students
1	2	3	4	5	6	7
Total (in thousands)	16,538	1,508	15,030	2,658	161	2,497
Sex (percent)	100.0	100.0	100.0	100.0	100.0	100.0
Male	43.6	41.0	43.9	43.0	34.9	43.6
Female	56.4	59.0	56.1	57.0	65.1	56.4
Race/ethnicity of student (percent)	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	67.4	71.8	67.0	72.0	73.1	71.9
Black, non-Hispanic	12.0	11.0	12.1	8.4	12.0	8.1
Hispanic	12.0	10.3	12.2	6.8	7.7	6.8
Asian/Pacific Islander	5.8	3.3	6.0	10.5	4.3	10.9
American Indian/Alaska Native	1.0	2.1	0.8	0.5	1.3	0.5
Other	1.8	1.6	1.8	1.7	1.5	1.7
Age (percent)	100.0	100.0	100.0	100.0	100.0	100.0
15 to 23	57.1	42.4	58.6	10.9	7.2	11.2
24 to 29	17.0	16.3	17.0	39.6	23.5	40.7
30 or older	25.9	41.4	24.4	49.4	69.3	48.2
Attendance status (percent)	100.0	100.0	100.0	100.0	100.0	100.0
Full-time, full-year	40.3	33.5	41.0	35.8	31.4	36.0
Part-time or part-year	59.7	66.5	59.0	64.2	68.6	64.0
Student housing status (percent)	100.0	100.0	100.0	100.0	100.0	100.0
On-campus	15.1	11.3	15.5	7.2	3.9	7.4
Off-campus	58.9	66.6	58.2	87.0	90.9	86.7
With parents or relatives	25.9	22.1	26.3	5.8	5.1	5.9
Dependency status (percent)	100.0	100.0	100.0	100.0	100.0	100.0
Dependent	50.7	36.7	52.1	‡	‡	‡
Independent, unmarried	15.1	19.9	14.6	46.8	40.9	47.2
Independent, married	6.9	8.7	6.7	17.4	16.4	17.5
Independent with dependents	27.4	34.8	26.6	35.7	42.7	35.3
Veteran status (percent)	100.0	100.0	100.0	100.0	100.0	100.0
Veteran	4.2	9.9	3.6	3.7	9.5	3.3
Not veteran	95.8	90.1	96.4	96.3	90.5	96.7
Field of study (percent)	100.0	100.0	100.0	100.0	100.0	100.0
Business/management	17.8	15.7	18.0	17.7	11.7	18.0
Education	8.0	7.9	8.0	23.4	22.0	23.5
Engineering/computer science	14.1	15.2	14.0	8.2	6.6	8.3
Health	9.6	8.3	9.7	14.2	10.8	14.4
Humanities	14.6	16.3	14.4	9.1	14.6	8.7
Law	0.0	0.0	0.0	4.8	4.5	4.8
Life/physical sciences	5.8	4.8	5.9	5.9	5.8	5.9
Social/behavioral sciences	8.5	10.0	8.3	7.8	11.5	7.6
Vocational/technical	5.3	5.0	5.3	0.0	0.0	0.0
Undeclared	7.5	6.9	7.5	4.3	6.4	4.2
Other	8.9	9.8	8.8	4.7	6.1	4.6

‡ Did not meet reporting standard.

¹ First-professional includes chiropractic medicine, medicine, dentistry, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, and theology.

² Disabled students are those who reported that they had one or more of the following conditions: a specific learning disability, a visual handicap, hard of hearing, deafness, a speech disability, an orthopedic handicap, or a health impairment.

NOTE: The estimates reported in this table are not directly comparable to previously reported data. Due to changes in 1999–2000 National Postsecondary Student Aid Study

(NPSAS) survey items, the percentage of students indicating some sort of disability is substantially higher than those indicating a disability in prior years, when a much shorter and different set of questions was asked. Detail may not sum to totals due to survey item nonresponse and rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000 National Postsecondary Student Aid Study (NPSAS:2000). (This table was prepared June 2002.)

Table 215. Enrollment in postsecondary education, by student level, type of institution, age, and major field of study: 1999–2000

Field of study	Undergraduate										Graduate and first-professional					
	All students					2-year institutions ¹						4-year institutions				
	Total, in thousands	Percentage distribution, by age				Total, in thousands	Percentage distribution, by age					Total, in thousands	Percentage distribution, by age			
		Under 25	25 to 34	Over 35			Under 25	25 to 34	Over 35				Under 25	25 to 34	Over 35	
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
Total	19,197 (1)	55.3 (0.6)	24.5 (0.3)	20.2 (0.4)	8,418 (7)	50.3 (1.0)	24.7 (0.6)	25.1 (0.6)	8,121 (34)	72.9 (0.3)	16.2 (0.2)	11 (0.2)	2,658 (31)			
Agriculture	136 (8)	75.9 (1.9)	16.7 (2.1)	7.5 (1.1)	38 (5)	71 (5.2)	13.8 (2.5)	15.2 (4.9)	80 (6)	88.9 (2.2)	9.3 (1.6)	1.8 (1.2)	17 (2)			
Architecture/city planning	98 (4)	66.2 (3.4)	25.4 (4.3)	8.4 (2.2)	27 (3)	65.9 (7.9)	22.3 (8.4)	11.7 (2.7)	57 (7)	78.2 (4.7)	15.9 (4.2)	5.8 (2.8)	14 (2)			
Area studies	17 (3)	56.4 (6.3)	24.3 (6.8)	19.3 (6.2)	1 (1)	49.1 (11.1)	24.4 (7.7)	26.5 (2.3)	10 (2)	83.1 (5.2)	11 (3.8)	5.9 (5.1)	1 (1)			
Business	2,949 (39)	52.9 (1.1)	25.7 (0.4)	21.5 (0.9)	1,117 (32)	49.8 (4.5)	24.4 (0.7)	20.2 (3.0)	1,439 (20)	66.9 (0.7)	17.8 (0.6)	15.3 (0.7)	393 (23)			
Communications/journalism	454 (28)	70.8 (1.7)	16 (0.9)	10.2 (1.3)	106 (11)	59.1 (4.5)	20 (3.3)	26.2 (3.0)	316 (21)	84.2 (1.9)	11.2 (1.3)	4.5 (0.8)	32 (2)			
Computer science	1,297 (50)	44.6 (1.5)	28.4 (1.1)	27.1 (1.5)	774 (42)	38.2 (1.8)	27.9 (1.2)	33.9 (2.3)	439 (25)	61.2 (2.4)	24.2 (1.9)	14.6 (1.3)	85 (5)			
Cosmetology	127 (29)	53.5 (4.4)	30.3 (4.7)	16.2 (1.9)	125 (29)	53.3 (4.1)	30.7 (4.9)	16 (2.2)	74 (16)	78.2 (4.7)	17 (3.8)	13.8 (1.4)	566 (14)			
Education	1,646 (25)	44.4 (1.2)	27.5 (0.5)	28.2 (1.0)	406 (32)	52.9 (1.6)	20.3 (1.7)	26.8 (2.1)	674 (18)	69.2 (1.6)	17 (0.5)	6.3 (0.6)	94 (5)			
Engineering	751 (21)	61.8 (1.0)	25 (1.2)	13.2 (0.8)	239 (13)	50.8 (2.2)	25.9 (2.3)	23.2 (1.9)	418 (15)	77.4 (1.3)	16.2 (1.1)	7.3 (1.8)	18 (2)			
Foreign language	94 (11)	57.8 (2.3)	25.4 (2.6)	16.8 (1.8)	44 (5)	59.1 (4.5)	20 (3.3)	26.2 (3.0)	56 (4)	78.7 (5.1)	14 (4.0)	7.3 (1.8)	18 (2)			
Health	1,955 (77)	50.9 (0.6)	28.3 (0.6)	20.8 (0.9)	1,047 (56)	46.4 (0.9)	29.5 (1.1)	24 (1.1)	653 (19)	66.1 (1.4)	20.6 (1.0)	13.3 (1.3)	255 (16)			
Medicine/dentistry	112 (9)	38.7 (4.0)	53.8 (4.4)	7.6 (1.0)	104 (21)	41.1 (4.3)	27 (7.3)	31.9 (6.1)	52 (6)	72.2 (4.6)	12.1 (4.3)	15.7 (2.8)	97 (8)			
Home economics	163 (25)	49.8 (4.0)	22 (5.9)	28.2 (3.8)	220 (27)	41.9 (2.7)	28.7 (2.7)	29.4 (2.1)	33 (3)	62.8 (3.0)	23.2 (7.1)	14.0 (5.6)	1 (1)			
Industrial arts	256 (28)	44.3 (2.3)	28.1 (2.2)	27.6 (1.9)	98 (14)	55.7 (6.7)	24.6 (3.6)	19.7 (7.1)	94 (6)	73.2 (2.8)	15.6 (4.0)	11.2 (2.2)	31 (3)			
Interdisciplinary science	224 (18)	58.0 (2.8)	24 (1.5)	18 (2.9)	98 (14)	55.7 (6.7)	24.6 (3.6)	19.7 (7.1)	94 (6)	73.2 (2.8)	15.6 (4.0)	11.2 (2.2)	31 (3)			
Law	318 (18)	47.7 (2.4)	34.6 (1.5)	17.7 (1.4)	123 (8)	50.1 (5.8)	23.2 (3.4)	26.7 (3.7)	63 (4)	66 (2.9)	22 (3.0)	12.0 (2.0)	132 (11)			
Letters/liberal studies	1,291 (41)	60.0 (2.5)	21.2 (1.4)	18.8 (1.5)	845 (43)	56.9 (3.3)	22.7 (1.9)	20.4 (2.0)	387 (17)	73.5 (1.7)	13.8 (1.1)	12.7 (1.0)	59 (4)			
Library science	29 (2)	3.0 (2.2)	38.2 (3.9)	58.8 (5.5)	1 (1)	48.6 (2.4)	23.3 (2.4)	8.1 (1.7)	381 (7)	85.6 (1.1)	10.5 (0.6)	3.9 (0.9)	21 (3)			
Life sciences	538 (11)	75.6 (0.8)	18.3 (0.8)	6.1 (0.7)	92 (12)	68.6 (2.4)	23.6 (3.4)	26.4 (10.3)	64 (4)	85.6 (3.1)	11 (3.3)	3.4 (1.1)	25 (2)			
Mathematics	132 (7)	60.7 (3.8)	23.2 (1.5)	16.1 (4.0)	43 (3)	45.1 (10.8)	28.6 (3.4)	26.4 (10.3)	64 (4)	85.6 (3.1)	11 (3.3)	3.4 (1.1)	25 (2)			
Mechanics/transportation	258 (20)	47.6 (2.4)	26.6 (1.9)	25.8 (2.3)	214 (21)	45.4 (2.8)	26.3 (2.1)	28.3 (2.5)	39 (6)	63.7 (3.2)	23.9 (2.7)	12.4 (2.9)	1 (1)			
Philosophy and religion	272 (32)	42.5 (1.5)	29.9 (3.7)	27.6 (3.7)	60 (9)	43.5 (5.2)	33.6 (9.2)	22.8 (10.4)	116 (16)	70.3 (3.6)	17.2 (2.8)	12.6 (2.9)	96 (14)			
Physical science	211 (10)	63.5 (1.5)	26.9 (1.6)	9.6 (1.4)	45 (5)	60.6 (3.3)	29.4 (4.6)	10 (4.4)	120 (9)	79.6 (2.3)	13.6 (1.7)	6.9 (1.7)	45 (2)			
Protective services	332 (19)	61.3 (1.9)	24 (1.4)	14.7 (1.6)	208 (12)	55.9 (2.7)	26.1 (2.3)	18.1 (2.5)	120 (12)	72.5 (1.9)	18.4 (1.9)	9.1 (1.8)	1 (1)			
Psychology	522 (19)	69.5 (1.6)	19.5 (1.1)	11 (0.9)	100 (8)	76.5 (4.0)	13.6 (3.1)	10 (1.6)	349 (9)	78.4 (1.3)	13.3 (1.5)	8.2 (0.6)	74 (12)			
Public administration/social work	248 (16)	45.9 (3.7)	23.7 (1.9)	30.4 (2.4)	91 (13)	42.8 (9.1)	19.7 (6.9)	37.5 (3.5)	105 (6)	62.1 (2.0)	18.6 (2.2)	19.3 (3.1)	51 (4)			
Social sciences	744 (18)	70.5 (0.9)	18.9 (0.5)	10.7 (0.7)	103 (11)	61.5 (5.1)	25 (2.4)	13.6 (3.8)	549 (14)	81.4 (0.7)	11.8 (0.6)	6.8 (0.5)	92 (5)			
Visual and performing arts	1,036 (34)	67.8 (0.9)	19 (0.9)	13.2 (0.6)	478 (39)	61.3 (1.5)	19.1 (1.5)	27.9 (1.1)	491 (38)	80.5 (2.3)	14.4 (1.7)	5.1 (0.8)	66 (11)			
Undeclared	1,889 (83)	54.7 (1.1)	20.8 (0.9)	24.5 (0.7)	1,140 (83)	50 (1.1)	22.1 (1.2)	27.9 (1.0)	596 (18)	73.2 (1.8)	14.9 (1.0)	11.9 (1.1)	153 (7)			
Other	158 (13)	51.6 (1.8)	27.4 (1.6)	21 (1.4)	46 (9)	42.5 (4.2)	34.1 (3.9)	23.4 (3.1)	68 (4)	82.9 (2.3)	8.5 (1.8)	8.7 (2.3)	45 (7)			
Unknown	943 (76)	50.7 (2.4)	25.2 (0.9)	24.1 (1.9)	493 (69)	47.4 (3.1)	25.3 (1.7)	27.3 (2.0)	342 (31)	66.5 (2.0)	19 (1.0)	14.6 (2.1)	108 (6)			

‡ Did not meet reporting standard.
¹ Includes less-than-2-year schools and schools not identified by level.

NOTE: Because of different survey editing and processing procedures, enrollment data in this table may differ from those appearing in other tables. Includes students who enrolled at any time during the 1999–2000 academic year. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000 National Postsecondary Student Aid Study (NPSAS:2000), unpublished data. (This table was prepared August 2002).

Table 216. Graduate enrollment in science and engineering programs in degree-granting institutions, by field of study: United States and outlying areas, fall 1989 to fall 2001

Field of engineering or science	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Percent change, 1990 to 2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total, all sciences and engineering	434,567	452,178	471,262	493,624	504,409	504,399	499,640	494,079	487,208	485,627	493,410	494,671	510,156	12.8
Engineering, total	104,043	107,625	113,576	118,003	116,872	113,024	107,201	103,224	101,148	100,038	101,691	104,684	109,506	1.7
Aerospace	3,524	3,934	4,120	4,036	3,940	3,715	3,343	3,208	3,083	3,137	3,349	3,407	3,485	-11.4
Agricultural	1,043	946	983	1,008	1,018	1,061	1,037	1,012	941	925	934	899	907	-4.1
Biomedical	1,916	2,136	2,239	2,537	2,675	2,750	2,732	2,732	2,847	2,905	3,121	3,241	3,593	68.2
Chemical	6,460	6,735	7,127	7,397	7,554	7,639	7,452	7,408	7,288	7,093	6,883	7,093	6,913	2.6
Civil	14,909	15,542	17,398	19,572	19,583	19,925	19,218	18,528	17,193	16,517	16,226	16,494	16,604	6.8
Electrical	33,257	33,722	35,182	36,428	35,290	33,020	30,721	29,702	30,548	31,129	31,382	33,318	35,745	6.0
Engineering science	2,077	2,020	2,154	2,218	2,180	2,089	1,955	1,751	1,647	1,701	1,627	1,632	1,798	-11.0
Industrial	11,094	11,248	12,676	13,525	13,905	13,992	13,475	12,675	11,957	11,221	11,803	12,253	12,940	15.0
Mechanical	16,265	16,879	17,730	18,637	18,477	17,761	16,363	15,509	15,045	14,696	14,956	15,457	15,831	-6.2
Metallurgical/materials	4,594	4,941	5,160	5,512	5,410	5,228	4,956	4,747	4,688	4,680	4,481	4,377	4,721	-4.5
Mining	418	437	489	437	427	424	373	371	348	304	328	287	240	-45.1
Nuclear	1,323	1,278	1,282	1,286	1,306	1,246	1,154	980	868	821	830	792	801	-37.3
Petroleum	665	670	705	737	725	624	610	562	561	571	642	627	680	1.5
Other engineering	6,498	7,137	6,331	4,673	4,382	3,550	3,812	4,039	4,134	4,338	5,129	4,807	5,248	-26.5
All sciences, total	330,524	344,553	357,686	375,621	387,537	391,375	392,439	390,855	386,060	385,589	391,719	389,987	400,650	16.3
Physical sciences, total	33,616	34,075	34,710	35,348	35,328	34,466	33,399	32,333	31,105	30,575	30,691	30,463	30,988	-9.1
Astronomy	789	810	829	869	880	973	912	874	778	820	832	888	916	13.1
Chemistry	18,828	19,118	19,407	19,929	20,131	19,803	19,570	19,334	18,774	18,482	18,416	18,188	18,300	-4.3
Physics	13,657	13,813	14,081	14,122	13,841	13,162	12,425	11,728	11,147	10,809	10,869	10,836	11,264	-18.5
Other physical sciences	342	334	393	428	476	528	492	397	406	464	574	551	508	52.1
Earth, atmospheric, and ocean sciences	13,643	13,984	14,480	15,333	15,721	15,957	15,716	15,183	14,548	14,258	14,083	13,940	13,841	-1.0
Atmospheric sciences	912	929	968	1,089	1,112	1,109	1,072	1,086	1,092	965	913	963	924	-0.5
Geosciences	8,052	7,692	7,567	7,744	7,759	7,713	7,582	7,304	6,959	6,687	6,637	6,595	6,544	-14.9
Oceanography	2,207	2,333	2,386	2,530	2,627	2,870	2,723	2,615	2,479	2,562	2,624	2,668	2,585	10.8
Other environmental sciences	2,472	3,030	3,559	3,970	4,223	4,265	4,339	4,178	4,018	4,044	3,909	3,714	3,788	25.0
Mathematical sciences, total	19,247	19,774	19,952	20,355	20,000	19,573	18,504	18,008	16,719	16,485	16,257	15,646	16,663	-15.7
Mathematics and applied mathematics	16,723	17,096	17,206	17,404	16,945	16,457	15,386	14,948	14,027	13,827	13,521	12,819	13,594	-20.5
Statistics	2,524	2,678	2,746	2,951	3,055	3,116	3,118	3,060	2,692	2,658	2,736	2,827	3,069	14.6
Computer sciences, total	32,482	34,257	34,610	36,325	36,213	34,158	33,458	34,626	35,991	38,027	42,560	47,594	52,196	52.4
Life sciences, total	111,862	116,348	121,849	129,010	136,948	143,560	148,304	148,965	148,507	149,656	151,256	148,166	150,401	29.3
Agricultural sciences, total	11,190	11,316	11,506	11,841	11,950	12,242	12,422	11,974	11,852	11,844	11,988	11,684	11,911	5.3
Biological sciences, total	48,852	49,989	51,778	54,180	56,292	58,033	58,680	58,060	57,044	56,994	57,115	56,494	57,826	15.7
Anatomy	1,078	1,000	1,051	991	961	1,018	982	1,019	1,003	922	886	924	867	-13.3
Biochemistry	5,082	5,039	5,201	5,376	5,489	5,615	5,562	5,275	5,102	5,148	5,101	4,963	4,917	-2.4
Biology	12,761	13,027	13,292	13,874	14,330	14,208	14,280	14,611	14,646	14,277	13,989	13,410	13,355	2.5
Biometry/epidemiology	1,722	1,871	2,032	2,365	2,658	2,710	2,812	3,001	2,900	3,511	3,529	3,471	3,629	94.0
Biophysics	655	642	697	751	780	794	845	833	748	737	710	745	893	39.1
Botany	2,826	2,733	2,694	2,689	2,714	2,748	2,609	2,504	2,402	2,328	2,261	2,176	2,182	-20.2
Cell biology	2,234	2,555	2,809	3,132	3,440	3,829	3,994	4,022	4,111	4,206	4,465	4,647	4,768	86.6
Ecology	1,084	1,136	1,180	1,301	1,410	1,566	1,615	1,619	1,655	1,687	1,744	1,848	1,848	62.7
Entomology/parasitology	1,181	1,173	1,171	1,193	1,247	1,263	1,241	1,234	1,161	1,168	1,145	1,104	1,170	-0.3
Genetics	1,365	1,408	1,520	1,639	1,785	1,699	1,700	1,729	1,760	1,705	1,767	1,705	1,833	30.2
Microbiology, immunology, & virology	4,827	4,873	4,928	4,972	5,021	5,094	5,026	4,912	4,805	4,773	4,815	4,815	4,798	-1.5
Nutrition	4,164	4,172	4,164	4,159	4,388	4,791	5,071	4,918	4,604	4,486	4,508	4,429	4,429	6.2
Pathology	1,369	1,354	1,449	1,456	1,575	1,707	1,670	1,656	1,674	1,580	1,580	1,529	1,649	21.8
Pharmacology	2,267	2,353	2,432	2,532	2,651	2,839	2,710	2,663	2,597	2,730	2,757	2,959	3,052	29.7
Physiology	2,206	2,236	2,332	2,317	2,372	2,378	2,540	2,377	2,298	2,151	2,083	2,007	1,967	-12.0
Zoology	2,083	2,104	2,191	2,139	2,042	2,028	2,006	1,852	1,669	1,622	1,558	1,481	1,448	-31.2
Other biosciences	1,948	2,313	2,635	3,294	3,429	3,746	3,952	3,839	3,945	3,995	4,274	4,384	5,021	117.1
Health fields, total	51,820	55,043	58,565	62,989	68,706	73,285	77,202	78,931	79,611	80,818	82,153	79,988	80,664	46.5
Medical fields	10,232	10,950	11,707	12,594	14,233	15,065	15,566	15,396	15,690	17,355	16,533	17,518	17,518	60.0
Other health fields	41,588	44,093	46,858	50,395	54,473	58,220	61,636	63,535	64,108	64,128	64,798	63,455	63,146	43.2
Dentistry	1,004	956	1,016	1,121	1,228	1,298	1,338	1,388	1,491	1,518	1,467	1,430	1,494	56.3
Nursing	19,689	21,194	22,012	23,213	24,781	26,997	28,405	27,388	26,861	25,591	25,074	23,341	23,609	11.4
Pharmaceutical sciences	2,787	2,889	2,968	2,792	2,859	2,887	2,808	2,846	2,710	2,882	3,422	3,605	3,908	35.3
Speech pathology/audiology	7,911	8,354	8,945	9,791	10,740	11,356	11,982	12,857	13,212	13,198	13,600	13,655	13,193	57.9
Veterinary sciences	801	900	894	942	924	922	975	997	1,224	1,288	1,314	1,367	1,476	64.0
Other health related	9,396	9,800	11,023	12,536	13,941	14,760	16,128	18,059	18,610	19,651	19,921	20,057	19,466	98.6
Psychology, total	45,528	48,167	51,343	53,484	54,557	54,554	53,641	53,122	53,126	52,557	51,864	50,704	50,798	5.5
Psychology, general	19,408	20,108	19,555	18,802	18,962	18,356	17,636	16,832	17,246	17,095	16,235	15,725	16,022	-20.3
Clinical psychology	9,298	9,916	10,834	12,090	12,526	12,684	12,519	12,787	13,098	12,733	12,798	12,488	12,473	25.8
Other psychology	16,822	18,143	20,954	22,592	23,069	23,514	23,486	23,503	22,782	22,729	22,831	22,491	22,303	22.9
Social sciences, total	74,146	77,948	80,742	85,766	88,770	89,107	89,417	88,618	86,064	84,031	85,008	83,474	85,763	10.0
Agricultural economics	2,276	2,273	2,364	2,522	2,415	2,289	2,338	2,177	2,043	1,995	2,014	2,079	2,161	-4.9
Anthropology	6,128	6,479	6,731	7,123	7,361	7,665	7,693	7,713	7,560	7,577	7,633	7,633	7,491	15.6
Economics (except agricultural)	12,139	12,326	12,707	13,252	13,214	12,913	12,673	12,080	11,097	10,701	10,562	10,778	11,340	-8.0
Geography	3,479	3,530	3,760	4,102	4,378	4,502	4,371	4,331	4,287	4,326	4,250	4,044	4	

Table 217. Number of institutions and enrollment in degree-granting institutions, by size, type and control of institution: Fall 2001

Control and type of institution	Enrollment size									
	Total	Under 200	200 to 499	500 to 999	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 or more
1	2	3	4	5	6	7	8	9	10	11
Number of institutions										
Total	4,074	474	603	557	920	613	456	298	110	43
Doctoral, extensive ¹	152	0	0	0	2	4	12	52	53	29
Doctoral, intensive ²	108	0	1	1	6	17	32	39	10	2
Master's ³	637	3	4	33	158	181	173	72	10	3
Baccalaureate ⁴	636	12	46	161	311	88	14	3	1	0
Specialized institutions ⁵	771	253	220	141	110	38	8	1	0	0
Associate of arts	1,770	206	332	221	333	285	217	131	36	9
Public	1,688	18	55	114	359	377	366	256	102	41
Doctoral, extensive ¹	103	0	0	0	0	1	1	27	47	27
Doctoral, intensive ²	63	0	0	0	2	3	16	31	9	2
Master's ³	275	0	0	2	22	56	120	63	9	3
Baccalaureate ⁴	100	0	1	9	41	32	13	3	1	0
Specialized institutions ⁵	78	9	12	21	22	13	0	1	0	0
Art, music, or design	3	0	0	2	1	0	0	0	0	0
Engineering or technology	9	0	1	1	4	3	0	0	0	0
Medical or other health	31	2	5	5	12	7	0	0	0	0
Other specialized	35	7	6	13	5	3	0	1	0	0
Associate of arts	1,069	9	42	82	272	272	216	131	36	9
Private	2,386	456	548	443	561	236	90	42	8	2
Doctoral, extensive ¹	49	0	0	0	2	3	11	25	6	2
Doctoral, intensive ²	45	0	1	1	4	14	16	8	1	0
Master's ³	362	3	4	31	136	125	53	9	1	0
Baccalaureate ⁴	536	12	45	152	270	56	1	0	0	0
Specialized institutions ⁵	693	244	208	120	88	25	8	0	0	0
Art, music, or design	79	13	22	19	18	4	3	0	0	0
Business and management	63	15	12	8	16	8	4	0	0	0
Engineering or technology	58	5	20	18	6	8	1	0	0	0
Medical or other health	125	43	37	26	18	1	0	0	0	0
Theological	277	144	90	29	12	2	0	0	0	0
Other specialized	91	24	27	20	18	2	0	0	0	0
Associate of arts	701	197	290	139	61	13	1	0	0	0
Enrollment of institutions										
Total	15,927,987	51,787	198,179	400,264	1,542,259	2,164,867	3,187,178	4,115,928	2,667,853	1,599,672
Doctoral, extensive ¹	3,262,955	0	0	0	4,002	17,837	92,095	744,550	1,295,682	1,108,789
Doctoral, intensive ²	1,169,248	0	255	910	10,534	64,118	236,816	553,835	232,759	70,021
Master's ³	3,483,774	222	1,419	24,961	282,035	643,081	1,215,622	979,528	241,842	95,064
Baccalaureate ⁴	1,067,329	1,600	15,804	119,007	497,134	285,749	85,167	40,259	22,609	0
Specialized institutions ⁵	563,342	26,714	72,734	102,344	173,301	126,965	49,815	11,469	0	0
Associate of arts	6,381,339	23,251	107,967	153,042	575,253	1,027,117	1,507,663	1,786,287	874,961	325,798
Public	12,233,156	2,389	17,991	87,072	637,701	1,368,684	2,565,553	3,556,414	2,467,585	1,529,767
Doctoral, extensive ¹	2,608,568	0	0	0	0	3,703	6,959	413,315	1,145,707	1,038,884
Doctoral, intensive ²	859,213	0	0	0	3,424	12,924	121,551	439,897	211,396	70,021
Master's ³	2,286,819	0	0	1,201	41,568	208,910	861,977	865,187	212,912	95,064
Baccalaureate ⁴	327,529	0	245	7,493	68,334	111,986	76,603	40,259	22,609	0
Specialized institutions ⁵	116,119	879	4,130	15,907	39,237	44,497	0	11,469	0	0
Art, music, or design	3,862	0	0	1,612	2,250	0	0	0	0	0
Engineering or technology	18,964	0	318	559	7,760	10,327	0	0	0	0
Medical or other health	49,442	68	1,862	4,080	22,076	21,356	0	0	0	0
Other specialized	43,851	811	1,950	9,656	7,151	12,814	0	11,469	0	0
Associate of arts	6,034,908	1,510	13,616	62,471	485,138	986,664	1,498,463	1,786,287	874,961	325,798
Private	3,694,831	49,398	180,188	313,192	904,558	796,183	621,625	559,514	200,268	69,905
Doctoral, extensive ¹	654,387	0	0	0	4,002	14,134	85,136	331,235	149,975	69,905
Doctoral, intensive ²	310,035	0	255	910	7,110	51,194	115,265	113,938	21,363	0
Master's ³	1,196,955	222	1,419	23,760	240,467	434,171	353,645	114,341	28,930	0
Baccalaureate ⁴	739,800	1,600	15,559	111,514	428,800	173,763	8,564	0	0	0
Specialized institutions ⁵	447,223	25,835	68,604	86,437	134,064	82,468	49,815	0	0	0
Art, music, or design	82,664	1,569	7,300	13,735	28,704	13,944	17,412	0	0	0
Business and management	87,598	1,330	3,817	5,698	25,020	27,707	24,026	0	0	0
Engineering or technology	65,038	334	7,590	13,125	10,022	25,590	8,377	0	0	0
Medical or other health	65,651	4,554	12,627	18,408	27,373	2,689	0	0	0	0
Theological	87,870	15,359	27,810	20,524	18,261	5,916	0	0	0	0
Other specialized	58,402	2,689	9,460	14,947	24,684	6,622	0	0	0	0
Associate of arts	346,431	21,741	94,351	90,571	90,115	40,453	9,200	0	0	0

¹ Doctoral, extensive institutions are committed to graduate education through the doctorate, and award 50 or more doctoral degrees per year across at least 15 disciplines.

² Doctoral, intensive institutions are committed to education through the doctorate and award at least 10 doctoral degrees per year across 3 or more disciplines or at least 20 doctoral degrees overall.

³ Master's institutions offer a full range of baccalaureate programs and are committed to education through the master's degree. They award at least 20 master's degrees per year.

⁴ Baccalaureate institutions primarily emphasize undergraduate education.

⁵ Specialized 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology and engineering. Also, includes some institutions which have 4-year programs, but have not reported sufficient data to identify program category.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002. (This table was prepared September 2003.)

Table 218. Selected statistics for degree-granting institutions enrolling more than 15,000 students, by institution: 2001

Line no.	Institution	State	Control ¹	Type ²	Total enrollment, fall 1990	Total enrollment, fall 1995	Total enrollment, fall 2000	Total enrollment, fall 2001	Enrollment, by sex, fall 2001		Enrollment, by attendance status, fall 2001	
									Men	Women	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13
†	United States, all institutions⁵	†	†	†	13,818,637	14,261,781	15,312,289	15,927,987	6,960,815	8,967,172	9,447,502	6,480,485
†	Colleges with enrollment over 15,000 ..	†	†	†	4,742,226	4,719,416	5,069,441	5,317,037	2,415,169	2,901,868	3,195,920	2,121,117
1	Auburn University, Main Campus	Ala.	1	1	21,537	22,122	21,860	22,469	11,629	10,840	19,241	3,228
2	University of Alabama	Ala.	1	1	19,794	18,985	19,277	19,130	8,970	10,160	16,116	3,014
3	University of Alaska, Anchorage	Alaska	1	1	17,490	16,206	14,794	15,040	5,821	9,219	6,140	8,900
4	Arizona State University, Main Campus ..	Ariz.	1	1	42,936	42,040	44,126	45,693	22,106	23,587	34,106	11,587
5	Glendale Community College	Ariz.	1	2	18,512	17,699	20,091	19,775	8,495	11,280	5,149	14,626
6	Mesa Community College	Ariz.	1	2	19,818	21,244	22,821	23,562	11,017	12,545	6,890	16,672
7	Northern Arizona University	Ariz.	1	1	16,992	20,131	19,964	19,728	7,328	12,400	13,213	6,515
8	Pima Community College	Ariz.	1	2	28,766	27,966	28,078	28,176	12,355	15,821	7,731	20,445
9	University of Arizona	Ariz.	1	1	35,729	34,777	34,488	35,747	17,058	18,689	28,846	6,901
10	University of Phoenix, Online Campus	Ariz.	3	1	—	1,346	14,783	28,930	13,675	15,255	28,930	†
11	University of Arkansas, Fayetteville	Ark.	1	1	14,732	14,692	15,346	15,752	8,136	7,616	12,250	3,502
12	American River College	Calif.	1	2	18,716	20,170	28,420	30,243	14,859	15,384	7,381	22,862
13	Bakersfield College	Calif.	1	2	10,776	11,503	14,466	15,413	6,374	9,039	5,302	10,111
14	Cal. Poly. St. U., San Luis Obispo	Calif.	1	1	17,751	16,023	16,877	18,079	9,893	8,186	16,701	1,378
15	California State Polytechnic U., Pomona ..	Calif.	1	1	19,468	16,605	18,424	19,041	10,467	8,574	14,428	4,613
16	California State University, Chico	Calif.	1	1	16,633	13,798	15,912	16,704	7,681	9,023	14,446	2,258
17	California State University, Fresno	Calif.	1	1	19,960	17,461	19,056	20,007	8,145	11,862	14,782	5,225
18	California State University, Fullerton	Calif.	1	1	25,592	22,604	28,381	30,357	11,876	18,481	19,779	10,578
19	California State University, Long Beach ..	Calif.	1	1	33,987	26,403	30,918	33,259	13,396	19,863	23,555	9,704
20	California State University, Los Angeles ..	Calif.	1	1	21,597	18,385	19,593	20,675	7,823	12,852	12,191	8,484
21	California State University, Northridge	Calif.	1	1	31,167	25,015	29,066	31,448	12,170	19,278	20,792	10,656
22	California State University, Sacramento	Calif.	1	1	26,336	22,796	25,714	26,923	11,093	15,830	18,597	8,326
23	Cal. State Univ., San Bernardino	Calif.	1	1	11,923	11,957	14,909	15,985	5,847	10,138	10,871	5,114
24	Cerritos College	Calif.	1	2	15,886	19,981	24,536	23,371	10,009	13,362	5,980	17,391
25	Chaffey Community College	Calif.	1	2	10,985	11,994	15,220	17,783	7,033	10,750	4,888	12,895
26	City College of San Francisco	Calif.	1	2	24,408	26,019	39,386	38,338	16,486	21,852	7,225	31,113
27	Cosumnes River College	Calif.	1	2	8,235	11,117	16,493	18,232	7,425	10,807	4,060	14,172
28	De Anza College	Calif.	1	2	21,948	22,545	22,770	24,186	11,446	12,740	9,015	15,171
29	Diablo Valley College	Calif.	1	2	20,255	18,192	21,581	20,830	9,478	11,352	6,944	13,886
30	East Los Angeles College	Calif.	1	2	12,447	15,289	27,199	27,592	12,611	14,981	5,846	21,746
31	El Camino College	Calif.	1	2	25,789	21,540	24,067	24,917	11,698	13,219	7,064	17,853
32	Fresno City College	Calif.	1	2	14,710	16,287	19,351	19,888	8,943	10,945	6,944	12,944
33	Fullerton College	Calif.	1	2	17,548	17,748	19,993	20,928	9,852	11,076	7,236	13,692
34	Glendale Community College	Calif.	1	2	12,072	12,460	15,596	17,100	6,616	10,484	4,220	12,880
35	Grossmont College	Calif.	1	2	15,357	14,560	16,309	17,483	7,429	10,054	6,631	10,852
36	Long Beach City College	Calif.	1	2	18,378	18,137	20,926	20,169	9,046	11,123	6,216	13,953
37	Los Angeles City College	Calif.	1	2	14,479	14,309	15,174	23,829	13,345	10,484	5,143	18,686
38	Los Angeles Pierce College	Calif.	1	2	16,970	14,262	16,111	18,532	7,984	10,548	4,914	13,618
39	Los Angeles Valley College	Calif.	1	2	16,457	15,362	17,393	17,988	7,434	10,554	4,761	13,227
40	Modesto Junior College	Calif.	1	2	11,300	13,249	15,158	16,855	7,090	9,765	5,641	11,214
41	Mount San Antonio College	Calif.	1	2	20,563	22,202	28,329	32,927	15,025	17,902	8,787	24,140
42	National University	Calif.	2	1	8,836	10,068	16,848	18,267	7,290	10,977	11,192	7,075
43	Orange Coast College	Calif.	1	2	22,365	21,135	23,315	24,847	12,061	12,786	9,261	15,586
44	Palomar College	Calif.	1	2	16,707	18,894	21,062	25,077	12,565	12,512	9,036	16,041
45	Pasadena City College	Calif.	1	2	19,581	21,101	22,948	26,227	11,568	14,659	7,573	18,654
46	Rio Hondo College	Calif.	1	2	12,048	11,161	19,506	17,843	10,104	7,739	4,165	13,678
47	Riverside Community College	Calif.	1	2	15,683	18,633	22,107	33,053	15,008	18,045	8,202	24,851
48	Sacramento City College	Calif.	1	2	14,474	16,098	20,878	22,185	9,258	12,927	6,125	16,060
49	Saddleback College	Calif.	1	2	14,527	14,093	18,563	18,891	8,138	10,753	5,586	13,305
50	San Diego City College	Calif.	1	2	13,737	13,030	27,165	27,568	12,351	15,217	2,686	24,882
51	San Diego Mesa College	Calif.	1	2	23,410	19,904	21,233	21,637	10,010	11,627	5,668	15,969
52	San Diego State University	Calif.	1	1	35,493	29,350	31,609	34,171	14,242	19,929	24,538	9,633
53	San Francisco State University	Calif.	1	1	29,343	26,791	26,826	26,866	10,503	16,363	18,043	8,823
54	San Joaquin Delta College	Calif.	1	2	14,792	14,640	16,973	17,936	7,403	10,533	6,551	11,385
55	San Jose State University	Calif.	1	1	30,334	25,997	26,698	28,007	12,957	15,050	17,847	10,160
56	Santa Ana College	Calif.	1	2	20,532	20,392	27,571	31,335	18,717	12,618	4,951	26,384
57	Santa Monica College	Calif.	1	2	18,108	20,392	27,868	29,010	12,571	16,439	9,789	19,221
58	Santa Rosa Junior College	Calif.	1	2	20,475	20,102	27,020	26,984	11,304	15,680	6,887	20,097
59	Sierra College	Calif.	1	2	11,637	13,282	17,517	18,302	7,912	10,390	5,618	12,684
60	Southwestern College	Calif.	1	2	13,010	15,037	17,994	18,137	8,019	10,118	5,268	12,869
61	Stanford University	Calif.	2	1	14,724	16,003	18,549	18,591	10,573	8,018	12,509	6,082
62	University of California, Berkeley	Calif.	1	1	30,634	29,630	31,277	32,128	15,690	16,438	29,497	2,631
63	University of California, Davis	Calif.	1	1	23,890	23,091	26,094	27,292	12,294	14,998	24,314	2,978
64	University of California, Irvine	Calif.	1	1	16,808	17,256	20,211	21,885	11,072	10,813	20,696	1,189
65	University of California, Los Angeles	Calif.	1	1	36,420	34,713	36,890	37,494	17,780	19,714	35,880	1,614
66	University of California, San Diego	Calif.	1	1	17,790	18,315	20,197	21,558	10,843	10,715	20,619	939
67	University of California, Santa Barbara	Calif.	1	1	18,385	18,224	19,962	20,373	9,631	10,742	19,452	921
68	University of Phoenix, Southern California	Calif.	3	1	28,374	27,971	29,194	29,813	15,601	14,212	25,834	3,979
69	Colorado State University	Colo.	1	1	26,828	26,340	26,807	28,103	13,234	14,869	20,929	7,174
70	Metropolitan State College of Denver	Colo.	1	1	17,400	16,932	17,688	18,445	7,863	10,582	10,356	8,089
71	University of Colorado at Boulder	Colo.	1	1	28,600	27,624	29,352	30,063	15,778	14,285	23,679	6,384
72	University of Colorado at Denver	Colo.	1	1	11,512	12,804	13,737	15,004	6,296	8,708	6,435	8,569
73	University of Connecticut	Conn.	1	1	25,497	22,471	19,393	19,876	9,645	10,231	16,296	3,580
74	University of Delaware	Del.	1	1	20,818	21,365	19,072	20,949	8,992	11,957	17,360	3,589

See notes at end of table.

Table 218. Selected statistics for degree-granting institutions enrolling more than 15,000 students, by institution: 2001—Continued

Percent minority enrollment, 2001 ³	Enrollment, by level, fall 2001		Earned degrees conferred, 2001-02					Financial statistics, 2000-01, in thousands ⁴			Full-time-equivalent enrollment, fall 2000	Full-time-equivalent enrollment, fall 2001	Line no.
	Undergraduate	Postbaccalaureate	Associate	Bachelor's	Master's	First-professional	Doctor's	Current-fund expenditures, public institutions	Educational and general expenditures, public institutions	Total expenditures, private institutions			
14	15	16	17	18	19	20	21	22	23	24	25	26	27
28.8	13,715,610	2,212,377	595,133	1,291,900	482,118	80,698	44,160	\$170,344,840	\$136,612,739	\$89,860,797	11,267,025	11,765,945	†
31.3	4,417,362	899,675	111,940	489,268	190,580	26,808	25,659	\$75,261,615	\$60,953,575	\$2,009,211	3,760,555	3,953,365	†
9.9	18,922	3,547	†	3,625	752	164	143	463,507	396,677	†	19,704	20,491	1
16.2	15,201	3,929	†	2,685	1,090	171	157	360,419	288,330	†	17,453	17,277	2
20.6	14,404	636	558	762	159	†	†	136,269	122,528	†	9,453	9,714	3
20.6	35,191	10,502	†	6,590	2,293	151	313	699,723	618,620	†	37,174	38,601	4
29.5	19,775	†	727	†	†	†	†	49,746	45,649	†	9,981	10,059	5
25.5	23,562	†	1,196	†	†	†	†	70,455	64,193	†	11,928	12,487	6
21.2	13,740	5,988	†	2,942	1,928	†	115	249,998	219,345	†	15,758	15,663	7
41.6	28,176	†	1,412	†	†	†	†	106,679	105,531	†	14,177	14,595	8
23.7	27,532	8,215	†	4,981	1,284	305	370	963,002	855,833	†	29,915	31,519	9
22.6	19,942	8,988	90	1,363	1,770	†	11	†	†	10,062	14,783	28,930	10
12.4	12,818	2,934	†	2,028	736	123	106	376,957	328,235	†	13,324	13,600	11
32.5	30,243	†	1,154	†	†	†	†	(^e)	(^e)	†	13,984	15,057	12
50.3	15,413	†	751	†	†	†	†	112,278	99,573	†	7,978	8,697	13
26.8	17,114	965	†	3,509	255	†	†	272,620	230,968	†	15,985	17,241	14
65.9	16,977	2,064	†	2,808	379	†	†	237,443	199,763	†	15,527	16,230	15
19.7	14,773	1,931	†	2,943	276	†	†	218,677	188,332	†	14,658	15,325	16
50.6	16,259	3,748	†	2,909	553	†	8	261,547	209,187	†	16,035	16,812	17
54.6	25,261	5,096	†	5,239	1,087	†	†	267,710	230,166	†	22,345	23,925	18
55.1	27,723	5,536	†	4,859	1,138	†	†	358,192	319,772	†	25,195	27,330	19
79.6	14,150	6,525	†	2,871	832	†	†	215,534	180,427	†	14,556	15,428	20
53.9	24,814	6,634	†	4,824	891	†	†	298,556	281,937	†	23,133	24,911	21
42.5	21,786	5,137	†	4,230	891	†	†	304,911	261,636	†	20,829	21,842	22
50.2	11,137	4,848	†	2,276	902	†	†	156,488	141,737	†	11,954	12,804	23
82.8	23,371	†	1,155	†	†	†	†	79,408	78,984	†	11,666	11,819	24
61.0	17,783	†	1,040	†	†	†	†	51,866	51,863	†	7,749	9,217	25
68.9	38,338	†	1,038	†	†	†	†	230,492	218,547	†	17,819	17,671	26
40.6	18,232	†	745	†	†	†	†	(^e)	(^e)	†	7,980	8,818	27
62.3	24,186	†	1,263	†	†	†	†	(^e)	(^e)	†	13,197	14,108	28
36.5	20,830	†	697	†	†	†	†	78,331	75,959	†	12,029	11,606	29
89.1	27,592	†	995	†	†	†	†	80,039	80,039	†	12,670	13,147	30
68.0	24,917	†	1,186	†	†	†	†	83,546	80,400	†	12,627	13,058	31
63.1	19,888	†	993	†	†	†	†	70,009	65,134	†	10,741	11,290	32
53.6	20,928	†	943	†	†	†	†	(^e)	(^e)	†	11,158	11,833	33
42.1	17,100	†	484	†	†	†	†	64,112	62,070	†	7,964	8,544	34
33.1	17,483	†	1,044	†	†	†	†	(^e)	(^e)	†	9,607	10,274	35
63.0	20,169	†	857	†	†	†	†	92,073	90,692	†	11,108	10,901	36
71.2	23,829	†	739	†	†	†	†	80,426	80,426	†	8,298	11,417	37
50.9	18,532	†	748	†	†	†	†	53,948	53,948	†	8,497	9,486	38
62.2	17,988	†	735	†	†	†	†	66,136	66,136	†	8,900	9,202	39
42.8	16,855	†	1,275	†	†	†	†	(^e)	(^e)	†	8,428	9,406	40
72.5	32,927	†	1,327	†	†	†	†	119,861	117,907	†	14,954	16,892	41
36.5	5,360	12,907	36	1,361	2,952	†	†	†	†	8,758	12,880	13,923	42
43.1	24,847	†	1,191	†	†	†	†	(^e)	(^e)	†	13,224	14,494	43
35.9	25,077	†	1,092	†	†	†	†	87,235	82,357	†	11,046	14,422	44
73.6	26,227	†	1,607	†	†	†	†	95,845	95,195	†	11,867	13,836	45
79.6	17,843	†	546	†	†	†	†	52,808	52,808	†	8,996	8,757	46
53.4	33,053	†	1,651	†	†	†	†	101,817	94,148	†	10,798	16,545	47
55.8	22,185	†	838	†	†	†	†	(^e)	(^e)	†	10,762	11,517	48
26.9	18,891	†	821	†	†	†	†	(^e)	(^e)	†	9,777	10,053	49
58.3	27,568	†	635	†	†	†	†	(^e)	(^e)	†	10,902	11,040	50
44.7	21,637	†	1,146	†	†	†	†	(^e)	(^e)	†	10,769	11,029	51
43.9	28,042	6,129	†	5,390	1,683	36	36	532,792	454,150	†	25,831	28,290	52
57.0	20,921	5,945	†	4,469	1,298	†	0	314,459	284,735	†	21,373	21,483	53
54.9	17,936	†	2,339	†	†	†	†	65,531	63,669	†	9,739	10,373	54
62.4	22,237	5,770	†	4,072	1,614	†	†	337,586	285,113	†	20,861	21,800	55
66.2	31,335	†	1,248	†	†	†	†	(^e)	(^e)	†	12,082	13,809	56
53.6	29,010	†	1,025	†	†	†	†	113,852	101,672	†	15,470	16,242	57
20.4	26,984	†	1,738	†	†	†	†	94,266	87,519	†	13,542	13,634	58
15.6	18,302	†	1,788	†	†	†	†	76,739	66,447	†	9,313	9,876	59
83.0	18,137	†	962	†	†	†	†	78,324	67,861	†	9,533	9,589	60
30.3	7,279	11,312	†	1,692	1,940	270	548	†	†	195,922	14,955	14,866	61
51.9	23,269	8,859	†	6,198	1,739	347	805	1,329,198	1,263,618	†	29,690	30,519	62
46.7	21,356	5,936	†	4,732	686	364	346	1,761,461	1,046,725	†	24,405	25,502	63
65.2	17,723	4,162	†	3,630	695	94	175	984,290	678,397	†	19,533	21,157	64
52.8	25,328	12,166	†	6,894	2,106	539	593	2,795,182	1,842,486	†	35,930	36,515	65
50.1	17,505	4,053	†	3,922	495	61	278	1,532,799	1,100,883	†	19,582	20,990	66
33.9	17,724	2,649	†	4,476	510	†	199	478,660	426,966	†	19,420	19,816	67
38.8	16,037	13,776	†	3,866	3,052	649	496	†	†	136,832	26,719	27,361	68
11.4	23,439	4,664	†	3,867	989	124	148	501,639	422,127	†	22,685	23,724	69
24.1	18,445	†	2,154	†	†	†	†	99,588	87,713	†	12,938	13,620	70
13.8	24,245	5,818	†	4,775	1,003	162	258	630,396	523,451	†	25,356	26,100	71
21.4	8,790	6,214	†	1,317	1,517	†	39	124,687	124,076	†	8,839	9,703	72
14.6	14,050	5,826	22	2,888	1,117	259	221	564,702	473,323	†	16,952	17,679	73
11.3	18,007	2,942	3	3,533	624	†	137	†	†	47,370	17,786	18,776	74

See notes at end of table.

Table 218. Selected statistics for degree-granting institutions enrolling more than 15,000 students, by institution: 2001—Continued

Line no.	Institution	State	Control ¹	Type ²	Total enrollment, fall 1990	Total enrollment, fall 1995	Total enrollment, fall 2000	Total enrollment, fall 2001	Enrollment, by sex, fall 2001		Enrollment, by attendance status, fall 2001	
									Men	Women	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13
75	George Washington University	D.C.	2	1	19,103	19,670	20,527	22,184	10,232	11,952	14,176	8,008
76	Broward Community College	Fla.	1	2	24,365	25,738	27,389	29,020	11,065	17,955	8,802	20,218
77	Florida Atlantic University, Boca Raton ...	Fla.	1	1	12,767	17,704	21,046	23,345	8,895	14,450	11,135	12,210
78	Florida Community College at Jacksonville	Fla.	1	2	20,974	21,237	20,838	22,121	9,104	13,017	5,339	16,782
79	Florida International University	Fla.	1	1	22,466	28,171	31,945	31,727	13,704	18,023	17,554	14,173
80	Florida State University	Fla.	1	1	28,170	30,155	33,971	34,982	15,214	19,768	28,315	6,667
81	Hillsborough Community College	Fla.	1	2	19,134	20,311	18,497	19,141	8,027	11,114	5,787	13,354
82	Miami-Dade Community College	Fla.	1	2	50,078	47,060	46,834	51,717	19,955	31,762	12,750	38,967
83	Nova Southeastern University	Fla.	2	1	9,562	13,941	18,587	19,059	6,331	12,728	8,744	10,315
84	Palm Beach Community College	Fla.	1	2	18,392	18,310	17,326	20,109	7,667	12,442	5,992	14,117
85	Saint Petersburg Junior College	Fla.	1	2	20,012	21,176	19,900	20,734	8,319	12,415	6,149	14,585
86	University of Central Florida	Fla.	1	1	21,541	26,556	33,713	35,850	16,009	19,841	24,164	11,686
87	University of Florida	Fla.	1	1	35,477	39,412	45,114	46,515	22,541	23,974	39,939	6,576
88	University of South Florida	Fla.	1	1	32,326	36,142	35,561	37,221	15,095	22,126	21,475	15,746
89	Valencia Community College	Fla.	1	2	18,438	23,569	27,565	29,307	12,575	16,732	10,639	18,668
90	Georgia Institute of Technology, Main Campus	Ga.	1	1	12,241	13,036	14,805	15,575	11,283	4,292	13,877	1,698
91	Georgia Perimeter College	Ga.	1	2	13,944	16,073	13,708	15,372	5,948	9,424	6,431	8,941
92	Georgia State University	Ga.	1	1	23,336	24,274	23,625	25,743	10,235	15,508	15,283	10,460
93	University of Georgia	Ga.	1	1	28,395	30,149	31,288	32,317	13,907	18,410	27,677	4,640
94	University of Hawaii at Manoa	Hi.	1	1	18,799	19,769	17,263	17,532	7,627	9,905	12,654	4,878
95	Boise State University	Idaho	1	1	13,367	14,543	16,287	17,100	7,688	9,332	9,705	7,395
96	City Colleges of Chicago-Harry S Truman College	Ill.	1	2	16,460	14,883	15,466	15,584	7,278	8,306	1,809	13,775
97	College of Du Page	Ill.	1	2	29,185	29,888	28,862	29,423	12,739	16,684	9,362	20,061
98	DePaul University	Ill.	2	1	15,711	17,133	20,548	21,363	9,718	11,645	14,059	7,304
99	Illinois State University	Ill.	1	1	22,662	19,756	20,755	21,240	8,695	12,545	18,062	3,178
100	Northern Illinois University	Ill.	1	1	24,509	22,218	23,248	23,783	10,683	13,100	17,607	6,176
101	Northwestern University	Ill.	2	1	17,041	17,780	16,952	17,000	8,774	8,226	13,758	3,242
102	Southern Illinois University, Carbondale ..	Ill.	1	1	24,078	22,418	22,552	21,598	11,775	9,823	17,222	4,376
103	University of Illinois at Chicago	Ill.	1	1	24,959	24,870	24,942	24,955	11,192	13,763	20,208	4,747
104	University of Illinois at Urbana-Champaign	Ill.	1	1	38,163	38,420	38,465	39,291	20,837	18,454	35,716	3,575
105	Ball State University	Ind.	1	1	20,343	20,014	19,004	18,965	8,717	10,248	15,789	3,176
106	Indiana University, Bloomington	Ind.	1	1	35,451	35,063	37,076	37,963	18,026	19,937	32,764	5,199
107	Indiana U.-Purdue U. at Indianapolis	Ind.	1	1	27,517	26,939	27,525	28,339	12,010	16,329	15,136	13,203
108	Purdue University, Main Campus	Ind.	1	1	37,588	36,427	39,667	39,882	23,515	16,367	34,895	4,987
109	Vincennes University	Ind.	1	2	9,162	8,643	9,169	18,285	8,810	9,475	5,339	12,946
110	Iowa State University	Iowa	1	1	25,737	24,673	26,845	27,823	15,541	12,282	23,964	3,859
111	University of Iowa	Iowa	1	1	28,785	28,052	28,311	28,768	13,491	15,277	22,662	6,106
112	Johnson County Community College	Kans.	1	2	13,740	15,477	16,383	17,762	7,988	9,774	5,540	12,222
113	Kansas State University	Kans.	1	1	21,137	19,681	21,929	22,396	11,451	10,945	17,766	4,630
114	University of Kansas, Main Campus	Kans.	1	1	26,434	25,036	25,920	25,782	12,255	13,527	20,498	5,284
115	University of Kentucky	Ky.	1	1	22,538	23,794	23,114	23,901	11,244	12,657	19,367	4,534
116	University of Louisville	Ky.	1	1	22,979	20,559	19,771	19,682	9,058	10,624	13,069	6,613
117	Western Kentucky University	Ky.	1	1	15,170	14,675	15,481	16,552	6,565	9,987	12,002	4,550
118	Louisiana St. U. & A&M & Hebert Laws Center	La.	1	1	26,112	26,573	31,527	32,059	15,150	16,909	27,538	4,521
119	University of Louisiana at Lafayette	La.	1	1	15,764	16,902	15,742	15,489	6,626	8,863	12,238	3,251
120	University of New Orleans	La.	1	1	15,322	15,483	16,218	17,014	7,175	9,839	10,812	6,202
121	Johns Hopkins University	Md.	2	1	13,363	15,765	17,774	17,826	8,981	8,845	9,105	8,721
122	Montgomery College	Md.	1	2	14,361	13,316	20,923	21,347	9,184	12,163	7,624	13,723
123	Community College of Baltimore County ..	Md.	1	2	—	—	18,168	18,898	7,350	11,548	6,494	12,404
124	Towson University	Md.	1	1	15,035	14,643	16,729	16,980	6,319	10,661	12,463	4,517
125	University of Maryland, College Park Campus	Md.	1	1	34,829	32,908	33,189	34,160	17,544	16,616	27,844	6,316
126	University of Maryland, University College ..	Md.	1	1	14,476	14,204	18,276	22,233	9,832	12,401	2,470	19,763
127	Boston University	Mass.	2	1	27,996	29,132	28,318	27,756	11,883	15,873	22,728	5,028
128	Harvard University	Mass.	2	1	22,851	24,687	24,279	24,474	12,502	11,972	18,885	5,589
129	Northeastern University	Mass.	2	1	30,510	24,605	23,897	23,422	11,622	11,800	16,609	6,813
130	University of Massachusetts, Amherst	Mass.	1	1	26,025	25,267	24,416	24,678	11,998	12,680	20,043	4,635
131	Central Michigan University	Mich.	1	1	18,286	23,575	26,845	27,797	11,221	16,576	18,872	8,925
132	Eastern Michigan University	Mich.	1	1	25,011	23,142	23,561	24,287	9,345	14,942	14,509	9,778
133	Grand Valley State University	Mich.	1	1	11,725	13,887	18,569	19,762	7,754	12,008	13,963	5,799
134	Lansing Community College	Mich.	1	2	22,343	16,404	16,011	17,358	7,705	9,653	5,211	12,147
135	Macomb Community College	Mich.	1	2	31,538	25,176	22,001	21,818	10,487	11,331	6,139	15,679
136	Michigan State University	Mich.	1	1	44,307	40,647	43,366	44,227	20,349	23,878	36,411	7,816
137	Oakland Community College, Bloomfield Hills	Mich.	1	2	28,069	25,913	23,188	23,503	9,495	14,008	6,117	17,386
138	Oakland University	Mich.	1	1	12,400	13,600	15,235	15,875	5,762	10,113	9,533	6,342
139	University of Michigan, Ann Arbor	Mich.	1	1	36,391	36,687	38,103	38,248	19,977	18,271	34,968	3,280
140	Wayne State University	Mich.	1	1	33,872	32,149	30,408	31,040	13,209	17,831	14,556	16,484
141	Western Michigan University	Mich.	1	1	26,989	26,537	28,657	28,931	13,501	15,430	20,863	8,068
142	Saint Cloud State University	Minn.	1	1	17,075	14,108	15,181	15,920	7,148	8,772	12,315	3,605
143	University of Minnesota, Twin Cities	Minn.	1	1	57,168	51,445	45,481	46,597	22,126	24,471	31,929	14,668
144	Mississippi State University	Miss.	1	1	14,391	14,330	16,561	16,878	8,835	8,043	13,612	3,266
145	University of Southern Mississippi	Miss.	1	1	13,490	13,657	14,509	15,233	5,933	9,300	12,094	3,139
146	Southwest Missouri State University	Mo.	1	1	19,480	16,439	17,703	18,252	7,982	10,270	13,006	5,246
147	University of Missouri, Columbia	Mo.	1	1	25,058	22,356	23,309	23,667	11,309	12,358	20,710	2,957
148	Webster University	Mo.	2	1	8,745	10,660	13,783	15,402	6,579	8,823	5,611	9,791
149	University of Nebraska at Lincoln	Nebr.	1	1	24,453	24,320	22,268	22,764	11,833	10,931	18,626	4,138
150	Community College of Southern Nevada ..	Nev.	1	2	14,161	20,417	29,905	31,851	14,347	17,504	6,114	25,737
151	University of Nevada, Las Vegas	Nev.	1	1	17,937	18,842	22,041	23,313	10,173	13,140	13,574	9,739

See notes at end of table.

Table 218. Selected statistics for degree-granting institutions enrolling more than 15,000 students, by institution: 2001—Continued

Percent minority enrollment, 2001 ³	Enrollment, by level, fall 2001		Earned degrees conferred, 2001-02					Financial statistics, 2000-01, in thousands ⁴			Full-time-equivalent enrollment, fall 2000	Full-time-equivalent enrollment, fall 2001	Line no.
	Undergraduate	Postbaccalaureate	Associate	Bachelor's	Master's	First-professional	Doctor's	Current-fund expenditures, public institutions	Educational and general expenditures, public institutions	Total expenditures, private institutions			
14	15	16	17	18	19	20	21	22	23	24	25	26	27
25.0	10,063	12,121	95	1,731	2,877	632	223	†	†	55,465	16,045	17,292	75
51.7	29,020	†	2,534	†	†	†	†	114,762	102,905	†	12,747	15,590	76
32.0	19,303	4,042	162	3,511	899	†	38	259,052	237,220	†	14,311	15,944	77
30.8	22,121	†	2,448	†	†	†	†	113,394	112,801	†	10,495	10,973	78
70.2	25,971	5,756	0	4,311	1,573	0	52	339,465	304,370	†	22,716	23,133	79
23.3	28,231	6,751	132	5,912	1,553	227	248	567,468	478,775	†	29,949	30,905	80
38.5	19,141	†	2,022	†	†	†	†	68,673	64,586	†	9,630	10,270	81
85.8	51,717	†	4,422	†	†	†	†	262,126	260,790	†	25,323	25,833	82
42.9	4,012	15,047	†	947	2,888	610	555	†	†	26,202	12,553	12,734	83
36.0	20,109	†	1,876	†	†	†	†	72,703	72,252	†	8,390	10,732	84
17.8	20,734	†	2,304	†	†	†	†	88,857	87,659	†	10,496	11,046	85
24.5	30,181	5,669	229	6,115	1,534	†	123	345,488	297,761	†	26,717	28,730	86
23.9	33,639	12,876	470	7,775	2,686	907	607	1,232,026	1,147,652	†	41,543	42,592	87
26.1	28,769	8,452	163	5,037	1,720	104	165	650,122	578,791	†	26,221	27,621	88
39.2	29,307	†	3,626	†	†	†	†	110,895	100,631	†	15,792	16,907	89
21.3	11,043	4,532	†	2,157	1,116	†	257	650,929	592,708	†	13,841	14,528	90
43.9	15,372	†	988	†	†	†	†	74,425	73,592	†	8,213	9,433	91
40.4	18,241	7,502	†	2,530	1,814	164	127	350,264	331,368	†	17,301	19,382	92
10.3	24,829	7,488	†	5,429	1,321	417	393	920,537	855,660	†	28,463	29,473	93
66.3	12,054	5,478	†	2,326	837	130	110	473,050	429,652	†	14,113	14,506	94
9.6	15,486	1,614	172	1,455	278	†	2	173,342	138,037	†	12,033	12,638	95
74.9	15,584	†	168	†	†	†	†	44,024	44,024	†	6,332	6,434	96
26.3	29,423	†	1,387	†	†	†	†	109,394	98,404	†	15,545	16,097	97
32.9	13,020	8,343	†	2,134	1,927	378	0	†	†	27,271	15,935	16,925	98
10.3	18,472	2,768	†	4,179	644	†	52	287,510	235,438	†	18,785	19,272	99
22.4	17,468	6,315	†	3,488	1,378	82	128	339,767	270,057	†	19,477	19,925	100
25.0	9,167	7,833	†	1,978	2,554	391	349	†	†	87,194	14,958	15,013	101
18.7	16,802	4,796	70	4,676	798	187	126	393,194	354,339	†	19,742	18,879	102
44.0	15,887	9,068	†	3,182	1,688	501	177	1,230,461	860,346	†	21,879	22,010	103
22.3	28,746	10,545	†	6,720	2,437	317	602	1,147,445	1,010,631	†	36,284	37,064	104
8.0	16,313	2,652	333	3,059	830	56	285,166	245,449	†	17,039	17,004	105	
9.4	30,157	7,806	62	5,711	1,620	265	347	1,067,564	643,867	†	33,835	34,762	106
14.0	20,695	7,644	538	2,200	1,010	609	29	729,916	603,157	†	19,818	20,349	107
9.0	32,648	7,234	853	5,855	1,340	192	409	911,283	774,480	†	36,406	36,826	108
15.0	18,285	†	1,035	†	†	†	†	83,858	69,984	†	6,201	9,685	109
7.4	23,060	4,763	†	4,163	802	98	239	682,123	554,242	†	24,474	25,438	110
9.2	19,603	9,165	†	3,783	1,280	570	320	1,238,184	766,202	†	24,765	24,990	111
11.9	17,762	†	1,034	†	†	†	†	100,568	92,849	†	8,857	9,643	112
7.3	18,770	3,626	107	3,369	609	98	152	359,418	334,209	†	19,211	19,552	113
9.4	19,651	6,131	†	3,242	1,252	281	204	482,920	408,724	†	22,506	22,495	114
8.7	17,137	6,764	†	3,488	906	343	216	1,079,779	736,754	†	20,492	21,100	115
15.5	14,109	5,573	70	1,851	1,126	321	90	488,508	430,839	†	15,515	15,640	116
9.9	14,113	2,439	270	1,903	509	†	†	155,567	143,510	†	12,805	13,764	117
15.8	26,518	5,541	†	4,401	981	267	222	594,181	508,161	†	28,695	29,290	118
20.1	13,913	1,576	48	1,903	352	†	27	133,370	116,236	†	13,673	13,515	119
35.0	12,967	4,047	†	1,435	770	†	72	155,088	144,072	†	12,442	13,206	120
19.6	5,370	12,456	†	1,272	3,265	114	373	†	†	196,483	12,330	12,446	121
50.3	21,347	†	1,038	†	†	†	†	137,449	129,401	†	11,829	12,231	122
31.9	18,898	†	1,156	†	†	†	†	114,889	108,889	†	10,141	10,658	123
17.0	13,959	3,021	†	2,561	687	†	†	203,581	153,398	†	13,971	14,189	124
29.5	25,099	9,061	†	5,451	1,680	27	430	969,013	867,182	†	29,298	30,241	125
45.3	16,062	6,171	72	2,228	1,033	†	†	103,845	103,787	†	8,434	10,200	126
21.3	17,602	10,154	0	3,650	2,871	588	246	†	†	96,238	25,110	24,673	127
28.3	9,637	14,837	16	1,799	3,193	781	543	†	†	206,327	20,531	21,052	128
18.5	19,205	4,217	230	2,844	1,297	234	60	†	†	39,322	19,294	19,268	129
15.7	19,368	5,310	74	3,910	913	†	287	572,574	479,999	†	21,468	21,781	130
15.6	19,530	8,267	†	3,143	2,624	†	64	245,378	195,612	†	21,353	22,222	131
20.8	18,660	5,627	†	2,847	1,207	†	6	226,451	197,150	†	17,476	18,272	132
8.9	16,385	3,377	†	2,479	744	†	†	188,581	163,722	†	15,124	16,186	133
17.0	17,358	†	711	†	†	†	†	79,586	78,716	†	8,454	9,289	134
9.3	21,818	†	1,944	†	†	†	†	90,317	79,977	†	11,057	11,403	135
16.3	34,874	9,353	†	7,073	1,879	323	428	1,158,781	972,231	†	38,639	39,424	136
20.0	23,503	†	1,349	†	†	†	†	116,383	107,872	†	11,634	11,954	137
13.6	12,529	3,346	†	1,856	803	†	20	145,556	123,849	†	11,424	11,992	138
24.7	24,547	13,701	†	5,720	2,944	674	610	3,097,868	1,624,177	†	35,684	36,211	139
34.5	18,489	12,551	†	2,347	2,374	464	202	627,267	607,622	†	20,390	20,990	140
8.6	23,156	5,775	†	3,823	1,340	†	60	361,769	280,059	†	23,132	23,918	141
4.6	14,673	1,247	96	2,109	268	†	†	134,953	119,969	†	12,913	13,736	142
13.8	32,136	14,461	†	5,322	2,459	673	560	1,690,533	1,570,003	†	36,289	37,610	143
20.0	13,604	3,274	†	2,749	801	46	96	402,455	362,079	†	14,613	14,865	144
24.3	12,844	2,389	†	2,647	700	†	112	225,398	184,097	†	12,541	13,313	145
5.7	15,147	3,105	†	2,495	697	†	†	180,829	155,749	†	14,681	15,032	146
10.0	18,431	5,236	†	3,761	991	291	252	1,026,415	590,818	†	21,443	21,834	147
33.9	3,760	11,642	†	1,038	4,536	†	7	†	†	10,047	8,251	9,367	148
6.7	17,985	4,779	4	2,897	701	117	213	510,663	409,140	†	19,807	20,203	149
40.7	31,851	†	1,065	†	†	†	†	84,190	83,819	†	13,686	14,755	150
29.7	18,606	4,707	†	2,728	773	106	35	256,701	211,426	†	15,685	17,410	151

See notes at end of table.

Table 218. Selected statistics for degree-granting institutions enrolling more than 15,000 students, by institution: 2001—Continued

Line no.	Institution	State	Control ¹	Type ²	Total enrollment, fall 1990	Total enrollment, fall 1995	Total enrollment, fall 2000	Total enrollment, fall 2001	Enrollment, by sex, fall 2001		Enrollment, by attendance status, fall 2001	
									Men	Women	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13
152	Rutgers University, New Brunswick	N.J.	1	1	33,016	33,773	35,236	35,650	15,957	19,693	28,455	7,195
153	Albuquerque Technical-Vocational Institute	N.Mex.	1	2	9,739	15,225	17,265	18,880	7,912	10,968	5,804	13,076
154	New Mexico State University, Main Campus	N.Mex.	1	1	14,812	15,127	14,958	15,224	7,024	8,200	11,904	3,320
155	University of New Mexico, Main Campus	N.Mex.	1	1	23,950	24,605	23,670	23,753	10,129	13,624	15,978	7,775
156	Columbia University in the City of New York	N.Y.	2	1	18,242	19,302	19,639	19,710	9,713	9,997	16,934	2,776
157	CUNY, Bernard M. Baruch College	N.Y.	1	1	15,849	15,433	15,698	15,773	6,968	8,805	9,920	5,853
158	CUNY, Borough of Manhattan Community College	N.Y.	1	2	14,819	16,334	15,875	16,025	5,695	10,330	9,840	6,185
159	CUNY, Brooklyn College	N.Y.	1	1	16,605	16,282	15,039	15,137	5,386	9,751	7,047	8,090
160	CUNY, Hunter College	N.Y.	1	1	19,639	18,250	20,011	20,397	5,743	14,654	10,897	9,500
161	CUNY, Kingsborough Community College	N.Y.	1	2	13,809	14,553	14,801	15,082	6,214	8,868	7,784	7,298
162	CUNY, Queens College	N.Y.	1	1	18,072	17,522	15,061	15,391	5,281	10,110	7,488	7,903
163	Monroe Community College	N.Y.	1	2	13,545	14,633	15,315	16,157	7,302	8,855	7,929	8,228
164	Nassau Community College	N.Y.	1	2	21,537	21,737	19,621	19,712	8,964	10,748	11,007	8,705
165	New York University	N.Y.	2	1	32,813	35,835	37,150	37,134	15,339	21,795	27,125	10,009
166	Saint John's University, New York	N.Y.	2	1	19,105	17,393	18,621	18,623	7,786	10,837	12,999	5,624
167	Suffolk County Community College	N.Y.	1	2	—	—	18,854	17,204	7,654	11,200	9,199	9,655
168	SUNY at Albany	N.Y.	1	1	17,400	15,996	16,751	17,204	7,945	9,259	12,937	4,267
169	SUNY at Buffalo	N.Y.	1	1	27,638	24,493	24,830	25,838	13,543	12,295	20,668	5,170
170	SUNY at Stony Brook	N.Y.	1	1	17,624	17,665	19,924	20,855	10,179	10,676	15,590	5,265
171	Syracuse University	N.Y.	2	1	21,900	18,804	18,186	18,072	8,129	9,943	14,343	3,729
172	Central Piedmont Community College	N.C.	1	2	16,311	15,176	14,908	15,648	6,685	8,963	4,952	10,696
173	East Carolina University	N.C.	1	1	17,564	17,923	18,750	19,412	7,930	11,482	15,949	3,463
174	North Carolina State University at Raleigh	N.C.	1	1	27,199	28,250	28,619	29,286	16,782	12,504	21,891	7,395
175	University of North Carolina at Chapel Hill	N.C.	1	1	23,878	24,439	24,892	25,494	10,346	15,148	21,285	4,209
176	University of North Carolina at Charlotte	N.C.	1	1	14,699	16,069	17,241	18,308	8,205	10,103	12,206	6,102
177	Bowling Green State University, Main Campus	Ohio	1	1	18,657	17,554	18,096	18,739	8,043	10,696	16,157	2,582
178	Cleveland State University	Ohio	1	1	19,214	15,566	15,294	15,701	6,906	8,795	8,699	7,002
179	Columbus State Community College	Ohio	1	2	13,290	16,013	18,094	19,642	8,469	11,173	7,597	12,045
180	Cuyahoga Community College District	Ohio	1	2	23,157	22,785	19,518	20,496	7,366	13,130	6,834	13,662
181	Kent State University, Main Campus	Ohio	1	1	24,434	20,972	21,924	22,828	8,919	13,909	17,457	5,371
182	Miami University, Oxford	Ohio	1	1	15,835	15,745	16,757	16,311	7,331	8,980	15,114	1,197
183	Ohio State University, Main Campus	Ohio	1	1	54,087	48,676	47,952	48,477	24,349	24,128	40,429	8,048
184	Ohio University, Main Campus	Ohio	1	1	18,505	19,727	19,920	20,288	9,326	10,962	18,383	1,905
185	Owens Community College-Toledo Campus	Ohio	1	2	6,857	9,682	15,845	16,603	9,003	7,600	4,337	12,266
186	Sinclair Community College	Ohio	1	2	16,367	17,344	19,026	19,770	8,384	11,386	6,885	12,885
187	University of Akron, Main Campus	Ohio	1	1	28,801	23,640	21,363	22,368	10,158	12,210	14,617	7,751
188	University of Cincinnati, Main Campus	Ohio	1	1	31,013	28,373	27,327	27,289	13,567	13,722	19,648	7,641
189	University of Toledo	Ohio	1	1	24,691	21,991	19,491	20,313	9,731	10,582	14,259	6,054
190	Oklahoma State University, Main Campus	Okla.	1	1	19,827	19,196	18,676	22,008	11,593	10,415	17,469	4,539
191	Tulsa Community College	Okla.	1	2	17,955	18,632	16,270	16,741	6,659	10,082	5,362	11,379
192	University of Oklahoma, Norman Campus	Okla.	1	1	20,774	22,299	24,205	25,104	12,709	12,395	18,703	6,401
193	Oregon State University	Oreg.	1	1	16,361	14,449	16,758	18,013	9,457	8,556	15,671	2,342
194	Portland Community College	Oreg.	1	2	21,888	26,540	24,209	24,882	11,309	13,573	6,999	17,883
195	Portland State University	Oreg.	1	1	16,921	15,600	18,889	20,024	8,758	11,266	10,368	9,656
196	University of Oregon	Oreg.	1	1	18,840	17,470	17,801	18,956	8,847	10,109	16,514	2,442
197	Community College of Allegheny County	Pa.	1	2	20,553	17,723	15,556	16,974	8,011	8,963	6,624	10,350
198	Community College of Philadelphia	Pa.	1	2	15,151	17,865	15,953	18,182	6,245	11,937	5,422	12,760
199	Pennsylvania State University, Main Campus	Pa.	1	1	38,864	39,646	40,571	40,828	21,803	19,025	37,244	3,584
200	Temple University	Pa.	1	1	29,714	29,028	28,355	29,872	12,819	17,053	21,015	8,857
201	University of Pennsylvania	Pa.	2	1	21,868	22,148	21,853	22,326	11,152	11,174	18,147	4,179
202	University of Pittsburgh, Main Campus	Pa.	1	1	28,120	26,083	26,329	26,710	12,546	14,164	21,424	5,286
203	Community College of Rhode Island	R.I.	1	2	16,620	15,889	15,583	16,223	6,155	10,068	5,463	10,760
204	Clemson University	S.C.	1	1	15,714	16,318	17,465	17,101	9,341	7,760	14,915	2,186
205	University of South Carolina at Columbia	S.C.	1	1	25,613	26,346	23,728	23,000	10,152	12,848	17,658	5,342
206	Middle Tennessee State University	Tenn.	1	1	14,865	17,424	19,121	20,073	9,160	10,913	15,640	4,433
207	University of Tennessee	Tenn.	1	1	26,055	25,723	25,890	26,033	12,243	13,790	21,940	4,093
208	University of Memphis	Tenn.	1	1	20,681	19,975	19,986	20,332	8,470	11,862	13,516	6,816
209	Austin Community College	Tex.	1	2	24,251	25,620	25,735	29,322	13,261	16,061	7,623	21,699
210	Central Texas College	Tex.	1	2	4,815	14,746	14,636	15,473	8,984	6,509	2,788	12,685
211	El Paso Community College	Tex.	1	2	17,081	21,856	18,001	20,063	7,761	12,302	8,607	11,456
212	Houston Community College System	Tex.	1	2	36,437	39,541	40,929	38,175	15,512	22,663	11,602	26,573
213	North Harris-Montgomery Community College	Tex.	1	2	15,653	19,251	24,554	27,825	11,078	16,747	9,592	18,233
214	San Antonio College	Tex.	1	2	20,083	19,319	19,253	20,064	8,405	11,659	7,630	12,434
215	Southwest Texas State University	Tex.	1	1	20,940	20,917	22,423	23,517	10,230	13,287	17,184	6,333
216	Tarrant County College	Tex.	1	2	28,161	25,953	26,868	28,852	12,277	16,575	10,773	18,079
217	Texas A&M University	Tex.	1	1	41,171	41,790	44,026	44,618	23,531	21,087	39,782	4,356
218	Texas Tech University	Tex.	1	1	25,363	24,185	24,558	25,573	13,704	11,869	21,817	3,786
219	University of Houston, University Park	Tex.	1	1	33,115	30,766	32,123	33,007	15,535	17,472	21,972	11,035
220	University of North Texas	Tex.	1	1	27,160	25,114	20,424	21,858	12,084	15,774	19,110	8,748
221	University of Texas at Arlington	Tex.	1	1	24,782	22,121	20,424	21,180	10,049	11,131	13,358	7,822
222	University of Texas at Austin	Tex.	1	1	49,617	47,905	49,996	50,616	25,450	25,166	44,880	5,736
223	University of Texas at El Paso	Tex.	1	1	16,524	16,275	15,224	16,220	7,330	8,890	10,929	5,291
224	University of Texas at San Antonio	Tex.	1	1	15,489	17,389	18,830	19,881	8,886	10,995	12,760	7,121
225	Brigham Young University	Utah	2	1	31,662	31,300	32,554	32,771	16,470	16,301	28,401	4,370
226	Salt Lake Community College	Utah	1	2	13,344	19,568	21,596	23,701	12,498	11,203	7,897	15,804
227	University of Utah	Utah	1	1	24,922	27,137	24,948	27,668	14,915	12,753	18,057	9,611
228	Utah State University	Utah	1	1	15,155	19,861	21,490	23,001	11,127	11,874	13,894	9,107
229	Utah Valley State College	Utah	1	1	7,879	14,041	20,946	22,609	12,621	9,988	11,064	11,545
230	Weber State University	Utah	1	1	13,449	13,996	16,050	16,873	8,255	8,618	9,882	6,991

See notes at end of table.

Table 218. Selected statistics for degree-granting institutions enrolling more than 15,000 students, by institution: 2001—Continued

Percent minority enrollment, 2001 ³	Enrollment, by level, fall 2001		Earned degrees conferred, 2001-02					Financial statistics, 2000-01, in thousands ⁴			Full-time-equivalent enrollment, fall 2000	Full-time-equivalent enrollment, fall 2001	Line no.
	Undergraduate	Postbaccalaureate	Associate	Bachelor's	Master's	First-professional	Doctor's	Current-fund expenditures, public institutions	Educational and general expenditures, public institutions	Total expenditures, private institutions			
14	15	16	17	18	19	20	21	22	23	24	25	26	27
33.6	28,351	7,299	†	5,778	1,312	109	363	(⁶)	(⁶)	†	30,649	31,174	152
56.2	18,880	†	861	†	†	†	†	68,480	67,530	†	9,188	10,194	153
68.6	12,584	2,640	69	1,897	595	†	77	298,807	255,170	†	12,563	13,188	154
41.1	16,441	7,312	3	2,514	1,030	286	189	949,787	566,170	†	18,779	18,964	155
24.6	6,867	12,843	†	1,647	4,175	603	452	†	†	172,217	18,008	18,007	156
57.0	12,969	2,804	†	2,454	889	†	†	131,756	131,146	†	11,938	12,206	157
77.8	16,025	†	1,735	†	†	†	†	88,434	87,690	†	11,848	11,917	158
45.8	10,112	5,025	†	1,524	895	†	†	130,853	129,989	†	10,079	10,115	159
51.7	15,702	4,695	†	2,052	1,117	†	†	159,362	157,861	†	14,121	14,568	160
52.0	15,082	†	1,242	†	†	†	†	75,611	74,893	†	9,902	10,234	161
39.6	11,213	4,178	†	2,016	1,050	†	†	131,001	129,549	†	10,278	10,515	162
22.2	16,157	†	2,062	†	†	†	†	94,691	87,199	†	10,019	10,691	163
35.3	19,712	†	2,876	†	†	†	†	139,442	139,442	†	13,710	13,930	164
33.5	19,028	18,106	671	4,115	5,302	961	415	†	†	168,773	30,699	30,985	165
40.5	14,485	4,138	130	2,370	895	358	60	†	†	24,924	15,070	15,226	166
18.1	18,854	†	2,494	†	†	†	†	116,299	116,299	†	†	12,441	167
20.7	11,884	5,320	†	2,503	1,245	†	159	307,651	262,275	†	14,168	14,528	168
19.7	17,289	8,549	10	3,163	1,385	524	231	602,274	542,691	†	21,662	22,625	169
39.0	13,646	7,209	†	509	165	143	20	963,247	503,514	†	16,829	17,549	170
16.4	12,464	5,608	8	2,574	1,811	236	129	†	†	45,447	15,858	15,787	171
31.6	15,648	†	656	†	†	†	†	71,279	64,648	†	7,967	8,543	172
18.5	15,460	3,952	†	2,833	889	69	17	408,015	250,142	†	16,633	17,251	173
17.3	22,418	6,868	154	3,928	1,179	75	300	800,739	698,279	†	23,918	24,737	174
17.7	15,844	9,650	†	3,560	1,638	589	390	1,391,203	1,061,659	†	22,324	22,862	175
22.8	15,135	3,173	†	2,484	639	†	34	201,696	154,479	†	13,705	14,571	176
8.4	15,868	2,871	†	2,987	748	72	72	274,972	207,598	†	16,537	17,138	177
25.3	10,412	5,289	†	1,516	1,241	200	39	182,146	170,280	†	11,000	11,394	178
24.1	19,642	†	1,316	†	†	†	†	88,798	80,401	†	10,583	11,641	179
35.2	20,496	†	1,385	†	†	†	†	149,713	142,010	†	10,927	11,421	180
9.7	18,382	4,446	0	3,234	1,060	†	150	289,762	233,213	†	18,677	19,522	181
8.4	15,065	1,246	237	3,654	474	†	55	303,206	218,493	†	15,704	15,566	182
15.1	36,049	12,428	375	7,350	2,457	775	617	2,096,106	1,317,468	†	42,666	43,553	183
5.8	17,178	3,110	45	3,971	950	94	112	371,973	301,535	†	18,721	19,123	184
16.6	16,603	†	917	†	†	†	†	64,527	58,048	†	7,809	8,455	185
20.6	19,770	†	1,092	†	†	†	†	99,120	90,909	†	10,577	11,211	186
17.7	18,240	4,128	518	2,063	961	157	80	272,135	236,301	†	16,800	17,667	187
21.5	19,841	7,448	303	3,005	1,219	310	214	649,035	570,613	†	22,355	22,619	188
16.3	16,754	3,559	219	2,086	828	160	75	238,977	207,749	†	15,999	16,631	189
14.5	17,236	4,772	0	3,001	782	70	188	436,271	348,704	†	16,938	19,183	190
19.1	16,741	†	1,462	†	†	†	†	75,504	66,872	†	8,727	9,182	191
22.3	18,696	6,408	†	2,892	1,526	173	158	434,821	350,595	†	20,154	21,119	192
13.6	14,869	3,144	†	2,670	596	37	156	449,383	385,924	†	15,404	16,585	193
21.2	24,882	†	1,203	†	†	†	†	132,114	121,855	†	12,132	13,003	194
18.7	14,461	5,563	†	2,270	1,183	†	35	189,533	165,767	†	13,255	14,114	195
12.3	15,113	3,843	†	2,903	801	169	137	337,365	266,915	†	16,239	17,459	196
16.2	16,974	†	1,471	†	†	†	†	83,183	80,208	†	9,058	10,099	197
65.4	18,182	†	1,257	†	†	†	†	88,396	87,838	†	8,794	9,706	198
11.5	34,539	6,289	62	8,732	1,107	†	519	1,178,845	1,061,261	†	38,248	38,611	199
34.0	19,606	10,266	10	3,358	1,594	788	226	†	†	142,966	23,007	24,434	200
25.9	11,781	10,545	5	2,775	2,362	590	380	†	†	311,391	19,324	19,765	201
13.9	17,798	8,912	†	3,470	1,873	577	336	961,739	899,887	†	22,931	23,438	202
21.0	16,223	†	1,205	†	†	†	†	69,747	64,950	†	8,650	9,076	203
10.2	13,975	3,126	†	2,809	754	†	116	445,872	370,636	†	15,962	15,741	204
20.3	15,506	7,494	19	3,164	1,637	358	253	515,381	454,370	†	19,683	19,696	205
14.6	18,130	1,943	7	2,615	495	†	25	170,827	151,863	†	16,617	17,370	206
9.9	20,124	5,909	†	3,955	1,717	541	276	648,689	556,856	†	23,333	23,504	207
35.1	15,612	4,720	†	1,998	879	106	81	232,678	220,767	†	15,831	16,164	208
35.4	29,322	†	820	†	†	†	†	115,581	115,581	†	12,819	14,908	209
50.4	15,473	†	2,005	†	†	†	†	60,533	54,960	†	6,777	7,047	210
88.9	20,063	†	918	†	†	†	†	99,511	98,125	†	11,127	12,453	211
61.9	38,175	†	1,201	†	†	†	†	190,173	187,950	†	21,140	20,524	212
32.6	27,825	†	1,073	†	†	†	†	109,584	106,187	†	13,933	15,713	213
55.7	20,064	†	768	†	†	†	†	69,610	69,217	†	11,226	11,805	214
25.9	20,179	3,338	†	3,815	786	†	7	216,233	172,603	†	18,822	19,646	215
32.2	28,852	†	1,863	†	†	†	†	144,965	139,014	†	15,454	16,843	216
14.4	36,603	8,015	†	7,698	1,638	125	504	1,110,846	982,729	†	41,117	41,650	217
15.4	21,269	4,304	†	3,678	771	188	140	390,007	317,793	†	22,440	23,276	218
50.4	25,230	7,777	†	3,800	1,240	538	183	404,094	354,790	†	25,479	26,340	219
22.7	21,675	6,183	†	3,738	1,078	†	155	276,943	238,906	†	21,673	22,473	220
32.7	16,329	4,851	†	2,889	1,075	†	72	208,248	186,311	†	15,467	16,403	221
29.1	38,609	12,007	†	7,866	2,612	587	639	1,200,738	1,048,984	†	46,503	47,154	222
73.3	13,642	2,578	†	1,659	490	†	27	191,818	164,736	†	12,071	12,994	223
54.9	16,856	3,025	†	2,690	653	†	4	163,026	156,238	†	14,495	15,538	224
6.2	29,815	2,956	†	7,095	955	153	63	†	†	65,342	29,977	30,107	225
12.8	23,701	†	2,556	†	†	†	†	101,400	90,975	†	11,896	13,203	226
9.3	22,180	5,488	†	4,261	1,155	240	218	1,288,734	857,871	†	19,866	21,875	227
4.4	19,295	3,706	100	2,582	806	†	69	345,679	314,357	†	16,384	17,461	228
5.1	22,609	†	2,086	732	†	†	†	98,018	86,370	†	14,182	15,723	229
7.9	16,619	254	1,442	1,803	86	†	†	108,572	98,184	†	12,112	12,696	230

See notes at end of table.

Table 218. Selected statistics for degree-granting institutions enrolling more than 15,000 students, by institution: 2001—Continued

Line no.	Institution	State	Control ¹	Type ²	Total enrollment, fall 1990	Total enrollment, fall 1995	Total enrollment, fall 2000	Total enrollment, fall 2001	Enrollment, by sex, fall 2001		Enrollment, by attendance status, fall 2001	
									Men	Women	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13
231	George Mason University	Va.	1	1	20,308	24,172	23,408	24,897	10,936	13,961	13,084	11,813
232	James Madison University	Va.	1	1	11,251	12,121	15,326	15,562	6,441	9,121	14,149	1,413
233	Northern Virginia Community College	Va.	1	2	35,194	37,144	37,073	38,159	17,172	20,987	11,050	27,109
234	Old Dominion University	Va.	1	1	16,729	17,077	18,969	19,627	8,347	11,280	10,192	9,435
235	Tidewater Community College	Va.	1	2	17,726	16,780	20,184	21,279	8,633	12,646	6,926	14,353
236	University of Virginia, Main Campus	Va.	1	1	21,110	21,728	22,411	22,739	10,105	12,634	18,204	4,535
237	Virginia Commonwealth University	Va.	1	1	21,764	21,349	24,066	25,001	10,131	14,870	15,875	9,126
238	Virginia Polytechnic Institute and State U.	Va.	1	1	25,568	25,492	27,869	28,203	16,409	11,794	24,921	3,282
239	University of Washington, Seattle	Wash.	1	1	33,854	33,996	36,139	37,412	18,189	19,223	31,912	5,500
240	Washington State University	Wash.	1	1	18,412	19,571	20,492	21,073	10,079	10,994	16,970	4,103
241	Marshall University	W.Va.	1	1	12,407	12,461	15,640	16,036	7,133	8,903	10,482	5,554
242	West Virginia University	W.Va.	1	1	20,854	21,517	21,987	22,774	11,457	11,317	18,959	3,815
243	Milwaukee Area Technical College	Wisc.	1	2	21,600	21,903	14,296	17,132	7,624	9,508	5,223	11,909
244	University of Wisconsin, Madison	Wisc.	1	1	43,209	39,005	40,658	40,922	19,633	21,289	36,116	4,806
245	University of Wisconsin, Milwaukee	Wisc.	1	1	26,020	21,891	23,578	24,216	10,595	13,621	16,629	7,587

† Not applicable.

—Not available.

¹ Publicly controlled institutions are identified by a "1;" private, not-for-profit, by a "2;" and private, for-profit, by a "3."

² The types of institutions are identified as follows: "1" for 4-year institutions; and "2" for 2-year institutions.

³ Minority students who are U.S. citizens or resident aliens as a percent of total enrollment, including nonresident aliens.

Table 218. Selected statistics for degree-granting institutions enrolling more than 15,000 students, by institution: 2001—Continued

Percent minority enrollment, 2001 ³	Enrollment, by level, fall 2001		Earned degrees conferred, 2001–02					Financial statistics, 2000–01, in thousands ⁴			Full-time-equivalent enrollment, fall 2000	Full-time-equivalent enrollment, fall 2001	Line no.
	Undergraduate	Postbaccalaureate	Associate	Bachelor's	Master's	First-professional	Doctor's	Current-fund expenditures, public institutions	Educational and general expenditures, public institutions	Total expenditures, private institutions			
14	15	16	17	18	19	20	21	22	23	24	25	26	27
28.0	15,802	9,095	†	2,965	1,598	198	129	314,638	249,328	†	16,565	17,629	231
10.6	14,590	972	†	3,134	276	†	4	213,991	137,086	†	14,447	14,696	232
39.9	38,159	†	2,107	†	†	†	†	115,563	114,651	†	19,406	20,151	233
28.7	13,098	6,529	†	2,153	1,235	†	63	195,464	168,271	†	13,330	13,787	234
38.2	21,279	†	1,610	†	†	†	†	69,549	68,423	†	11,042	11,745	235
19.3	13,764	8,975	†	3,213	1,487	505	321	1,309,624	650,744	†	19,602	19,885	236
27.5	17,148	7,853	†	2,198	1,318	342	108	505,503	445,213	†	18,753	19,412	237
13.6	21,593	6,610	50	4,650	1,335	86	326	700,535	589,229	†	25,754	26,135	238
29.6	26,860	10,552	†	6,515	2,306	476	452	2,108,887	1,423,122	†	32,742	34,073	239
13.4	17,476	3,597	†	3,803	702	166	161	526,403	448,557	†	18,110	18,579	240
6.0	11,862	4,174	267	1,384	788	46	4	149,833	133,215	†	12,360	12,602	241
7.1	16,121	6,653	†	2,824	1,304	303	142	464,586	406,189	†	19,666	20,387	242
35.5	17,132	†	1,223	†	†	†	†	155,369	140,345	†	7,048	9,221	243
9.1	29,861	11,061	†	5,866	1,818	607	650	1,555,385	1,436,382	†	37,607	38,019	244
17.0	19,952	4,264	†	2,725	1,179	†	86	316,454	290,910	†	18,994	19,579	245

⁴ Due to changes in survey instruments, public colleges report data on current-fund expenditures and educational and general expenditures, and private colleges report data on total expenditures.

⁵ Data for total enrollment in 1990 and 1995 are for institutions of higher education, rather than degree-granting institutions.

⁶ Data included with parent institution or central office.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1990 through 1995, and Spring 2001, Spring 2002, and Fall 2002 surveys. (This table was prepared October 2003.)

Table 219. Enrollment of the 120 largest degree-granting college and university campuses, by selected characteristics and institution: Fall 2001

Institution	State	Rank ¹	Control ²	Type ³	Total enrollment, fall 2001	Institution	State	Rank ¹	Control ²	Type ³	Total enrollment, fall 2001
1	2	3	4	5	6	1	2	3	4	5	6
Miami-Dade Community College	Fla.	1	1	2	51,717	University of North Texas	Tex.	61	1	1	27,858
University of Texas at Austin	Tex.	2	1	1	50,616	North Harris-Montgomery Community College	Tex.	62	1	2	27,825
Ohio State University, Main Campus	Ohio	3	1	1	48,477	Iowa State University	Iowa	63	1	1	27,823
University of Minnesota, Twin Cities	Minn.	4	1	1	46,597	Central Michigan University	Mich.	64	1	1	27,797
University of Florida	Fla.	5	1	1	46,515	Boston University	Mass.	65	2	1	27,756
Arizona State University, Main Campus	Ariz.	6	1	1	45,693	University of Utah	Utah	66	1	1	27,668
Texas A&M University	Tex.	7	1	1	44,618	East Los Angeles College	Calif.	67	1	2	27,592
Michigan State University	Mich.	8	1	1	44,227	San Diego City College	Calif.	68	1	2	27,568
University of Wisconsin, Madison	Wisc.	9	1	1	40,922	University of California, Davis	Calif.	69	1	1	27,292
Pennsylvania State University, Main Campus	Pa.	10	1	1	40,828	University of Cincinnati, Main Campus	Ohio	70	1	1	27,289
Purdue University, Main Campus	Ind.	11	1	1	39,882	Santa Rosa Junior College	Calif.	71	1	2	26,984
University of Illinois at Urbana-Champaign	Ill.	12	1	1	39,291	California State University, Sacramento	Calif.	72	1	1	26,923
City College of San Francisco	Calif.	13	1	2	38,338	San Francisco State University	Calif.	73	1	1	26,866
University of Michigan, Ann Arbor	Mich.	14	1	1	38,248	University of Pittsburgh, Main Campus	Pa.	74	1	1	26,710
Houston Community College System	Tex.	15	1	2	38,175	Pasadena City College	Calif.	75	1	2	26,227
Northern Virginia Community College	Va.	16	1	2	38,159	University of Tennessee	Tenn.	76	1	1	26,033
Indiana University, Bloomington	Ind.	17	1	1	37,963	SUNY at Buffalo	N.Y.	77	1	1	25,838
University of California, Los Angeles	Calif.	18	1	1	37,494	University of Kansas, Main Campus	Kans.	78	1	1	25,782
University of Washington, Seattle	Wash.	19	1	1	37,412	Georgia State University	Ga.	79	1	1	25,743
University of South Florida	Fla.	20	1	1	37,221	Texas Tech University	Tex.	80	1	1	25,573
New York University	N.Y.	21	2	1	37,134	University of North Carolina at Chapel Hill	N.C.	81	1	1	25,494
University of Central Florida	Fla.	22	1	1	35,850	University of Oklahoma, Norman Campus	Okla.	82	1	1	25,104
University of Arizona	Ariz.	23	1	1	35,747	Palomar College	Calif.	83	1	2	25,077
Rutgers University, New Brunswick	N.J.	24	1	1	35,650	Virginia Commonwealth University	Va.	84	1	1	25,001
Florida State University	Fla.	25	1	1	34,982	University of Illinois at Chicago	Ill.	85	1	1	24,955
San Diego State University	Calif.	26	1	1	34,171	El Camino College	Calif.	86	1	2	24,917
University of Maryland, College Park Campus	Md.	27	1	1	34,160	George Mason University	Va.	87	1	1	24,897
California State University, Long Beach	Calif.	28	1	1	33,259	Portland Community College	Oreg.	88	1	2	24,882
Riverside Community College	Calif.	29	1	2	33,053	Orange Coast College	Calif.	89	1	2	24,847
University of Houston, University Park	Tex.	30	1	1	33,007	University of Massachusetts, Amherst	Mass.	90	1	1	24,678
Mount San Antonio College	Calif.	31	1	2	32,927	Harvard University	Mass.	91	2	1	24,474
Brigham Young University	Utah	32	2	1	32,771	Eastern Michigan University	Mich.	92	1	1	24,287
University of Georgia	Ga.	33	1	1	32,317	University of Wisconsin, Milwaukee	Wisc.	93	1	1	24,216
University of California, Berkeley	Calif.	34	1	1	32,128	De Anza College	Calif.	94	1	2	24,186
Louisiana St. U. & A&M & Hebert Laws Center	La.	35	1	1	32,059	University of Kentucky	Ky.	95	1	1	23,901
Community College of Southern Nevada	Nev.	36	1	2	31,851	Los Angeles City College	Calif.	96	1	2	23,829
Florida International University	Fla.	37	1	1	31,727	Northern Illinois University	Ill.	97	1	1	23,783
California State University, Northridge	Calif.	38	1	1	31,448	University of New Mexico, Main Campus	N.Mex.	98	1	1	23,753
Santa Ana College	Calif.	39	1	2	31,335	Salt Lake Community College	Utah	99	1	2	23,701
Wayne State University	Mich.	40	1	1	31,040	University of Missouri, Columbia	Mo.	100	1	1	23,667
California State University, Fullerton	Calif.	41	1	1	30,357	Mesa Community College	Ariz.	101	1	2	23,562
American River College	Calif.	42	1	2	30,243	Southwest Texas State University	Tex.	102	1	1	23,517
University of Colorado at Boulder	Colo.	43	1	1	30,063	Oakland Community College, Bloomfield Hills	Mich.	103	1	2	23,503
Temple University	Pa.	44	1	1	29,872	Northeastern University	Mass.	104	2	1	23,422
University of Phoenix, Southern California	Calif.	45	3	1	29,813	Cerritos College	Calif.	105	1	2	23,371
College of Du Page	Ill.	46	1	2	29,423	Florida Atlantic University, Boca Raton	Fla.	106	1	1	23,345
Austin Community College	Tex.	47	1	2	29,322	University of Nevada, Las Vegas	Nev.	107	1	1	23,313
Valencia Community College	Fla.	48	1	2	29,307	Utah State University	Utah	108	1	1	23,001
North Carolina State University at Raleigh	N.C.	49	1	1	29,286	University of South Carolina at Columbia	S.C.	109	1	1	23,000
Broward Community College	Fla.	50	1	2	29,020	Kent State University, Main Campus	Ohio	110	1	1	22,828
Santa Monica College	Calif.	51	1	2	29,010	West Virginia University	W.Va.	111	1	1	22,774
Western Michigan University	Mich.	52	1	1	28,931	University of Nebraska at Lincoln	Nebr.	112	1	1	22,764
University of Phoenix, Online Campus	Ariz.	53	3	1	28,930	University of Virginia, Main Campus	Va.	113	1	1	22,739
Tarrant County College	Tex.	54	1	2	28,852	Utah Valley State College	Utah	114	1	1	22,609
University of Iowa	Iowa	55	1	1	28,768	Auburn University, Main Campus	Ala.	115	1	1	22,469
Indiana U.-Purdue U. at Indianapolis	Ind.	56	1	1	28,339	Kansas State University	Kans.	116	1	1	22,396
Virginia Polytechnic Institute and State U.	Va.	57	1	1	28,203	University of Akron, Main Campus	Ohio	117	1	1	22,368
Pima Community College	Ariz.	58	1	2	28,176	University of Pennsylvania	Pa.	118	2	1	22,326
Colorado State University	Colo.	59	1	1	28,103	University of Maryland, University College	Md.	119	1	1	22,233
San Jose State University	Calif.	60	1	1	28,007	Sacramento City College	Calif.	120	1	2	22,185

¹ Colleges and university campuses ranked by fall 2001 enrollment data.
² Publicly controlled institutions are identified by a "1," private, not-for-profit, by a "2," and private, for-profit, by a "3."
³ The types of institutions are identified as follows: "1" for 4-year institutions; and "2" for 2-year institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 survey. (This table was prepared October 2003.)

Table 220. Enrollment and degrees conferred in women's colleges, by selected characteristics and institution: Fall 2001 and 2001-02

Institution ¹	State	Type and control ²	Enrollment, fall 2001							Number of degrees awarded to women, 2001-02			
			Total	Women	Percent women	Men, full-time	Women, full-time	Men, part-time	Women, part-time	Associate	Bachelor's	Master's	Doctor's
			4	5	6	7	8	9	10	11	12	13	14
Total	†	†	101,174	93,430	92.3	2,604	60,697	5,140	32,733	1,005	14,697	5,982	95
Judson College	AL	3	345	326	94.5	6	283	13	43	0	45	†	†
Mills College	CA	3	1,176	1,082	92.0	80	991	14	91	0	198	97	4
Mount Saint Mary's College	CA	3	1,965	1,813	92.3	55	1,389	97	424	134	256	53	†
Scripps College	CA	3	816	808	99.0	7	795	1	13	0	189	†	†
Saint Joseph College	CT	3	1,939	1,818	93.8	10	794	111	1,024	0	205	138	†
Trinity College	DC	3	1,410	1,286	91.2	37	604	87	682	0	142	120	†
Agnes Scott College	GA	3	885	882	99.7	2	839	1	43	0	181	3	†
Brenau University	GA	3	2,251	1,847	82.1	146	1,051	258	796	0	335	201	†
Spelman College	GA	3	2,138	2,138	100.0	0	2,068	0	70	0	454	†	†
Wesleyan College	GA	3	716	707	98.7	0	528	9	179	0	100	6	†
Lexington College	IL	4	41	41	100.0	0	40	0	1	11	†	†	†
Saint Mary-of-the-Woods College	IN	3	1,502	1,477	98.3	0	391	25	1,086	16	87	13	†
Saint Mary's College	IN	3	1,523	1,521	99.9	0	1,485	2	36	0	340	†	†
Midway College	KY	3	874	756	86.5	87	551	31	205	66	109	†	†
College of Notre Dame of Maryland	MD	3	3,072	2,747	89.4	8	680	317	2,067	0	313	215	†
Hood College	MD	3	1,607	1,229	76.5	53	585	325	644	0	183	92	†
Bay Path College	MA	3	979	971	99.2	7	715	1	256	49	115	20	†
Emmanuel College	MA	3	1,449	1,196	82.5	141	752	112	444	0	268	65	†
Lesley College	MA	3	6,358	5,443	85.6	159	997	756	4,446	0	301	2,049	7
Mount Holyoke College	MA	3	2,038	2,034	99.8	1	1,966	3	68	0	485	1	†
Pine Manor College	MA	3	406	406	100.0	0	390	0	16	9	63	0	†
Regis College	MA	3	1,081	1,061	98.1	4	698	16	363	63	183	47	†
Simmons College	MA	3	3,299	3,038	92.1	83	1,590	178	1,448	0	360	731	19
Smith College	MA	3	3,113	3,064	98.4	40	2,999	9	65	0	750	142	9
Wellesley College	MA	3	2,273	2,261	99.5	0	2,201	12	60	0	585	†	†
College of Saint Benedict	MN	3	2,100	2,100	100.0	0	2,029	0	71	0	493	†	†
College of St. Catherine, St. Paul	MN	3	4,622	4,421	95.7	83	2,809	118	1,612	173	522	210	†
Blue Mountain College	MS	3	395	327	82.8	59	250	9	77	0	72	†	†
Mississippi University for Women	MS	1	2,328	1,953	83.9	202	1,349	173	604	16	334	64	†
Cottey College	MO	4	326	326	100.0	0	312	0	14	121	†	†	†
Stephens College	MO	3	669	632	94.5	18	453	19	179	9	101	13	†
College of Saint Mary	NE	3	930	911	98.0	0	549	19	362	55	146	†	†
College of Saint Elizabeth	NJ	3	1,741	1,601	92.0	5	626	135	975	0	217	90	†
Georgian Court College	NJ	3	2,708	2,357	87.0	88	1,197	263	1,160	0	294	146	†
Barnard College	NY	3	2,261	2,261	100.0	0	2,213	0	48	0	588	†	†
College of New Rochelle	NY	3	6,720	5,814	86.5	565	3,939	341	1,875	0	822	336	†
Marymount College	NY	3	1,001	953	95.2	17	810	31	143	1	167	†	†
Wells College	NY	3	443	443	100.0	0	427	0	16	0	90	†	†
Bennett College	NC	3	521	521	100.0	0	513	0	8	0	92	†	†
Meredith College	NC	3	2,466	2,431	98.6	0	1,804	35	627	0	469	43	†
Peace College	NC	3	630	630	100.0	0	591	0	39	78	119	†	†
Salem College	NC	3	1,074	1,026	95.5	11	655	37	371	0	167	12	†
Ursuline College	OH	3	1,281	1,157	90.3	44	538	80	619	0	206	89	†
Bryn Mawr College	PA	3	1,756	1,666	94.9	47	1,452	43	214	0	310	87	15
Carlow College	PA	3	1,898	1,770	93.3	51	924	77	846	0	285	88	†
Cedar Crest College	PA	3	1,619	1,532	94.6	10	775	77	757	1	223	†	†
Chatham College	PA	3	1,065	998	93.7	42	739	25	259	0	110	135	16
Chestnut Hill College	PA	3	1,645	1,406	85.5	79	600	160	806	2	160	85	0
Harcum College	PA	4	548	504	92.0	28	329	16	175	146	†	†	†
Immaculata College	PA	3	3,170	2,648	83.5	56	651	466	1,997	28	424	65	25
Moore College of Art and Design	PA	3	612	605	98.9	0	459	7	146	0	81	†	†
Rosemont College	PA	3	1,108	956	86.3	7	462	145	494	0	199	79	†
Seton Hill College	PA	3	1,370	1,122	81.9	148	722	100	400	0	182	57	†
Wilson College	PA	3	710	619	87.2	15	331	76	288	22	77	†	†
Columbia College	SC	3	1,476	1,425	96.5	21	1,187	30	238	0	249	79	†
Converse College	SC	3	1,437	1,333	92.8	18	760	86	573	0	151	151	†
Hollins University	VA	3	1,091	1,034	94.8	18	846	39	188	0	169	67	†
Mary Baldwin College	VA	3	1,564	1,488	95.1	27	1,106	49	382	0	264	16	†
Randolph-Macon Woman's College	VA	3	727	725	99.7	0	694	2	31	0	129	†	†
Sweet Briar College	VA	3	738	710	96.2	17	665	11	45	0	130	†	†
Alverno College	WI	3	1,952	1,906	97.6	0	1,003	46	903	5	256	39	†
Mount Mary College	WI	3	1,216	1,167	96.0	2	546	47	621	0	152	38	†

† Not applicable.

¹ Data are for colleges and universities identified by the Women's College Coalition as women's colleges in 2002 or 2003. Excludes women's colleges whose IPEDS data are reported together with a coed institution or coordinate men's college. The following institutions were excluded for this reason: The Women's College at the University of Denver; Hartford College for Women; Newcomb College; Douglass College; Hobart and William

Smith Colleges; Stern College of Yeshiva University; Russell Sage College; and Westhampton College.

² 1=public, 4-year; 3=private not-for-profit, 4-year; and 4=private, not-for-profit, 2-year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 and Spring 2002 surveys. (This table was prepared October 2003.)

Table 221. Enrollment and degrees conferred in Hispanic serving institutions, by selected characteristics and institution: Fall 2001 and 2001–02

Institution	Type and control ¹	Enrollment, fall 2001					Degrees awarded to Hispanics, 2001–02				
		Total	Hispanic	Percent Hispanic ²	Hispanic undergraduate	Hispanic post-baccalaureate	Associate degrees	Bachelor's degrees	Master's degrees	First-professional degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12
Total, 3 50 states	†	1,775,772	745,478	42.0	710,152	35,326	31,091	25,508	5,953	487	154
Total, 3 50 states and Puerto Rico	†	1,962,636	931,933	47.5	877,093	54,840	36,436	41,958	8,850	973	302
Arizona											
Apollo College, Phoenix	6	1,240	391	31.5	391	†	37	†	†	†	†
Arizona Automotive Institute	6	277	93	33.6	93	†	82	†	†	†	†
Arizona Inst. of Business and Tech, Mesa	4	278	72	25.9	72	†	4	†	†	†	†
Arizona Inst. of Business and Tech, Phoenix ⁴	3	249	93	37.3	93	†	5	†	†	†	†
Arizona Inst. of Business and Tech, Phoenix ⁵	4	471	210	44.6	210	†	3	†	†	†	†
Arizona Inst. of Business and Tech, Tucson	4	291	139	47.8	139	†	10	†	†	†	†
Arizona Western College	2	6,089	3,594	59.0	3,594	†	210	†	†	†	†
Central Arizona College	2	5,328	1,534	28.8	1,534	†	81	†	†	†	†
Chaparral Career College	5	343	130	37.9	130	†	32	6	†	†	†
Cochise College	2	5,872	1,598	27.2	1,598	†	87	†	†	†	†
Estrella Mountain Community College	2	4,958	1,629	32.9	1,629	†	57	†	†	†	†
High-Tech Institute	6	1,189	392	33.0	392	†	257	†	†	†	†
ITT Technical Institute	6	280	102	36.4	102	†	17	†	†	†	†
Metropolitan College of Court Reporting	3	107	28	26.2	28	†	0	0	†	†	†
Phoenix College	2	12,296	4,335	35.3	4,335	†	185	†	†	†	†
Phoenix First Pastors College	4	86	28	32.6	28	†	†	†	†	†	†
Pima Community College	2	28,176	8,540	30.3	8,540	†	388	†	†	†	†
Pima Medical Institute	6	648	305	47.1	305	†	9	†	†	†	†
South Mountain Community College	2	3,406	1,683	49.4	1,683	†	87	†	†	†	†
The Art Center Design College	5	344	95	27.6	95	†	11	3	†	†	†
The Bryman School	6	344	320	93.9	320	†	93	†	†	†	†
Universal Technical Institute Inc.	6	1,777	453	25.5	453	†	252	†	†	†	†
California											
Allan Hancock College	2	12,548	4,074	32.5	4,074	†	275	†	†	†	†
Andon College	6	297	117	39.4	117	†	4	†	†	†	†
Argosy University-Los Angeles Campus	5	180	27	15.0	11	16	†	†	0	†	0
Art Institute of Los Angeles	5	1,429	563	39.4	563	†	83	12	†	†	†
Bakersfield College	2	15,413	5,560	36.1	5,560	†	228	†	†	†	†
Barstow College	2	2,973	739	24.9	739	†	65	†	†	†	†
Brooks College	6	1,853	738	39.8	738	†	278	†	†	†	†
Bryman College-Hayward	6	396	132	33.3	132	†	†	†	†	†	†
Bryman College, Ontario	6	370	208	56.2	208	†	5	†	†	†	†
Bryman College-Los Angeles	6	487	200	41.1	200	†	1	†	†	†	†
Bryman College-Whittier	6	394	329	83.5	329	†	6	†	†	†	†
California Paramedical and Technical College	6	443	150	33.9	150	†	26	†	†	†	†
California State Polytechnic University-Pomona	1	19,041	4,822	25.3	4,356	466	†	588	33	†	†
California State University, Bakersfield	1	7,050	2,163	30.7	1,788	375	†	297	37	†	†
California State University, Dominguez Hills	1	12,871	4,451	34.6	2,930	1,521	†	569	116	†	†
California State University, Fresno	1	20,007	6,199	31.0	5,097	1,102	†	774	123	†	2
California State University, Fullerton	1	30,357	7,827	25.8	6,988	839	†	1,115	158	†	†
California State University, Long Beach	1	33,259	8,120	24.4	7,104	1,016	†	989	163	†	†
California State University, Los Angeles	1	20,675	10,453	50.6	7,556	2,897	†	1,341	240	†	†
California State University, Monterey Bay	1	3,020	935	31.0	877	58	†	100	6	†	†
California State University, Northridge	1	31,448	9,160	29.1	7,649	1,511	†	1,052	105	†	†
California State University, San Bernardino	1	15,985	4,844	30.3	3,668	1,176	†	603	134	†	†
California State University, Stanislaus	1	7,534	2,068	27.4	1,653	415	†	275	12	†	†
Canada College	2	5,402	1,614	29.9	1,614	†	33	†	†	†	†
Cei College-Anaheim	6	254	74	29.1	74	†	3	†	†	†	†
Cerritos College	2	23,371	13,853	59.3	13,853	†	526	†	†	†	†
Chaffey Community College	2	17,783	7,026	39.5	7,026	†	357	†	†	†	†
Citrus College	2	11,900	4,912	41.3	4,912	†	260	†	†	†	†
College of the Desert	2	7,463	3,374	45.2	3,374	†	135	†	†	†	†
College of the Sequoias	2	11,447	5,001	43.7	5,001	†	246	†	†	†	†
Compton Community College	2	9,415	5,152	54.7	5,152	†	98	†	†	†	†
Concorde Career Institute	6	552	270	48.9	270	†	0	†	†	†	†
Cypress College	2	13,896	3,717	26.7	3,717	†	122	†	†	†	†
D-Q University	4	193	74	38.3	74	†	2	†	†	†	†
DeVry University, Long Beach	5	2,853	798	28.0	798	†	†	†	†	†	†
DeVry University, Pomona	5	3,669	1,153	31.4	1,153	†	93	330	18	†	†
DeVry University, West Hill	5	1,351	357	26.4	357	†	†	†	†	†	†
Don Bosco Technical Institute	4	291	184	63.2	184	†	32	†	†	†	†
East Los Angeles College	2	27,592	19,054	69.1	19,054	†	730	†	†	†	†
East San Gabriel Valley Regional Occupational Program	2	651	276	42.4	276	†	10	†	†	†	†
El Camino College	2	24,917	7,793	31.3	7,793	†	331	†	†	†	†
Emmanuel Bible College	3	26	9	34.6	9	†	†	†	†	†	†
Everest College	6	354	210	59.3	210	†	0	†	†	†	†
Evergreen Valley College	2	10,987	3,218	29.3	3,218	†	46	†	†	†	†
Fashion Careers of California	6	99	30	30.3	30	†	5	†	†	†	†
Fashion Inst. of Design and Merch., Orange County	6	344	104	30.2	104	†	†	†	†	†	†
Fresno City College	2	19,888	8,304	41.8	8,304	†	254	†	†	†	†
Fullerton College	2	20,928	6,542	31.3	6,542	†	289	†	†	†	†
Gavilan College	2	5,227	2,041	39.0	2,041	†	74	†	†	†	†
Hartnell College	2	9,457	4,947	52.3	4,947	†	297	†	†	†	†
Heald College, Concord	4	1,235	366	29.6	366	†	88	†	†	†	†
Heald College, Fresno	4	692	283	40.9	283	†	0	†	†	†	†
Heald College, Hayward	4	694	213	30.7	213	†	55	†	†	†	†
Heald College, Salinas	4	568	389	68.5	389	†	152	†	†	†	†
Heald College, Stockton	4	549	171	31.1	171	†	60	†	†	†	†
High-Tech Institute	6	478	121	25.3	121	†	40	†	†	†	†
Humphreys College-Stockton	3	658	190	28.9	184	6	0	1	†	1	†
Imperial Valley College	2	6,895	5,972	86.6	5,972	†	309	†	†	†	†
Institute of Computer Technology	5	286	66	23.1	66	†	15	5	†	†	†

See notes at end of table.

Table 221. Enrollment and degrees conferred in Hispanic serving institutions, by selected characteristics and institution: Fall 2001 and 2001–02—Continued

Institution	Type and control ¹	Enrollment, fall 2001					Degrees awarded to Hispanics, 2001–02				
		Total	Hispanic	Percent Hispanic ²	Hispanic undergraduate	Hispanic post-baccalaureate	Associate degrees	Bachelor's degrees	Master's degrees	First-professional degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12
ITT Technical Institute, Anaheim	5	697	279	40.0	279	†	105	47	†	†	†
ITT Technical Institute, Hayward	5	286	76	26.6	76	†	27	8	†	†	†
ITT Technical Institute, Lathrop	5	437	145	33.2	145	†	64	†	†	†	†
ITT Technical Institute, Oxnard	5	549	254	46.3	254	†	66	42	†	†	†
ITT Technical Institute, San Bernardino	5	862	333	38.6	333	†	86	8	†	†	†
ITT Technical Institute, San Diego	5	885	227	25.6	227	†	86	23	†	†	†
ITT Technical Institute, Santa Clara	5	208	49	23.6	49	†	18	†	†	†	†
ITT Technical Institute, Sylmar	5	715	248	34.7	248	†	116	9	†	†	†
ITT Technical Institute, Torrance	5	562	243	43.2	243	†	120	†	†	†	†
ITT Technical Institute, West Covina	5	810	443	54.7	443	†	183	60	†	†	†
Kelsey-Jenney College	4	85	25	29.4	25	†	†	†	†	†	†
La Sierra University	3	1,566	372	23.8	348	24	†	27	5	†	0
Long Beach City College	2	20,169	6,085	30.2	6,085	†	205	†	†	†	†
Los Angeles City College	2	23,829	10,102	42.4	10,102	†	376	†	†	†	†
Los Angeles County Col. of Nursing and Allied Health	2	189	67	35.4	67	†	†	†	†	†	†
Los Angeles Harbor College	2	9,669	4,069	42.1	4,069	†	191	†	†	†	†
Los Angeles Mission College	2	7,238	5,064	70.0	5,064	†	182	†	†	†	†
Los Angeles Trade-Technical College	2	14,143	8,158	57.7	8,158	†	266	†	†	†	†
Los Angeles Valley College	2	17,988	7,362	40.9	7,362	†	262	†	†	†	†
Maric College, San Diego	6	1,840	478	26.0	478	†	34	†	†	†	†
Maric College, Vista	6	763	270	35.4	270	†	†	†	†	†	†
Merced College	6	11,576	4,243	36.7	4,243	†	132	†	†	†	†
Modern Technology College	6	407	228	56.0	228	†	†	†	†	†	†
Modesto Junior College	6	16,855	5,009	29.7	5,009	†	303	†	†	†	†
Mount Saint Mary's College	3	1,965	764	38.9	764	95	71	90	13	†	†
Mount San Antonio College	3	32,927	13,700	41.6	13,700	†	519	†	†	†	†
Mount Sierra College	6	1,084	374	34.5	374	†	21	†	†	†	†
National Institute of Technology, Long Beach	6	477	206	43.2	206	†	†	†	†	†	†
New School of Architecture and Design	6	137	19	13.9	2	17	0	†	1	†	†
Oxnard College	6	7,485	4,256	56.9	4,256	†	248	†	†	†	†
Pacific Oaks College	3	798	190	23.8	87	103	†	21	19	†	†
Palo Verde College	3	2,673	812	30.4	812	†	12	†	†	†	†
Pasadena City College	2	26,227	9,016	34.4	9,016	†	446	†	†	†	†
Platt College, Cerritos	6	290	116	40.0	116	†	44	†	†	†	†
Platt College Inc., Los Angeles	6	229	91	39.7	91	†	29	†	†	†	†
Platt College, Los Angeles Inc., Ontario	6	377	134	35.5	134	†	56	†	†	†	†
Porterville College	6	4,698	1,874	39.9	1,874	†	45	†	†	†	†
Reedley College	6	10,535	5,004	47.5	5,004	†	307	†	†	†	†
Rio Hondo College	6	17,843	11,651	65.3	11,651	†	387	†	†	†	†
Riverside Community College	6	33,053	10,708	32.4	10,708	†	445	†	†	†	†
St. John's Seminary College	3	104	46	44.2	44	2	4	†	†	†	†
San Bernardino Valley College	6	12,731	4,720	37.1	4,720	†	197	†	†	†	†
San Diego City College	6	27,568	7,013	25.4	7,013	†	135	†	†	†	†
San Joaquin Valley College, Bakersfield	6	727	321	44.2	321	†	129	†	†	†	†
San Joaquin Valley College, Fresno	6	693	336	48.5	336	†	152	†	†	†	†
San Joaquin Valley College-Fresno Aviation Campus	6	58	18	31.0	18	†	9	†	†	†	†
San Joaquin Valley College, Visalia	6	558	266	47.7	266	†	108	†	†	†	†
San Jose City College	6	10,153	2,970	29.3	2,970	†	46	†	†	†	†
Santa Ana College	6	31,335	14,614	46.6	14,614	†	559	†	†	†	†
Santiago Canyon College	6	11,248	3,727	33.1	3,727	†	63	†	†	†	†
Sequoia Institute	6	548	171	31.2	171	†	12	†	†	†	†
South Coast College	6	354	113	31.9	113	†	6	†	†	†	†
Southern California Institute of Architecture	3	257	17	6.6	10	7	†	7	2	†	†
Southern California International College, Brea	3	110	71	64.5	71	†	†	†	†	†	†
Southwestern College	6	18,137	10,641	58.7	10,641	†	488	†	†	†	†
Taft College	6	7,890	2,971	37.7	2,971	†	18	†	†	†	†
The Art Institute of California, San Francisco	3	519	87	16.6	87	†	11	†	†	†	†
The National Hispanic University	3	345	386	74.4	288	98	2	17	†	†	†
University of LaVerne	3	7,283	1,944	26.7	1,277	667	201	151	9	†	2
Ventura College	6	11,860	3,984	33.6	3,984	†	271	†	†	†	†
Western Career College	6	362	91	25.1	91	†	12	†	†	†	†
West Hills Community College	2	4,697	2,039	43.4	2,039	†	120	†	†	†	†
West Los Angeles College	2	13,296	4,699	35.3	4,699	†	51	†	†	†	†
Westwood College of Technology, Anaheim	5	596	281	47.1	281	0	71	0	†	†	†
Westwood College of Technology, Los Angeles	5	457	268	58.6	267	1	114	0	†	†	†
Westwood College of Technology, Upland	5	91	59	64.8	59	†	0	†	†	†	†
Whittier College	3	2,098	505	24.1	343	162	†	83	5	21	†
Woodbury University	3	1,404	389	27.7	357	32	†	53	9	†	†
Colorado											
Adams State College	1	7,826	995	12.7	605	390	3	70	31	†	†
Community College of Denver	2	6,509	1,925	29.6	1,925	†	83	†	†	†	†
Education America Inc.	5	298	96	32.2	96	†	15	†	†	†	†
Otero Junior College	2	1,404	431	30.7	431	†	40	†	†	†	†
Pima Medical Institute	6	448	141	31.5	141	†	3	†	†	†	†
Pueblo Community College	2	4,866	1,467	30.1	1,467	†	111	†	†	†	†
Trinidad State Junior College	2	1,979	847	42.8	847	†	65	†	†	†	†
University of Southern Colorado	1	5,606	1,374	24.5	1,350	24	†	178	8	†	†
Connecticut											
Goodwin College	6	494	151	30.6	151	†	4	†	†	†	†
Florida											
American Intercontinental University	5	894	289	32.3	223	66	†	18	10	†	†
Argosy University, Sarasota Campus	5	1,521	57	3.7	3	54	†	0	5	†	9
Art Institute of Fort Lauderdale	5	3,511	1,289	36.7	1,289	†	115	87	†	†	†
ATI Health Education Center	6	227	63	27.8	63	†	31	†	†	†	†
Barry University	3	8,691	2,860	32.9	2,163	697	†	482	176	22	6
Carlos Albizu University, Miami Campus	3	610	379	62.1	114	265	†	33	38	†	31
City College	4	103	67	65.0	67	†	57	†	†	†	†

See notes at end of table.

Table 221. Enrollment and degrees conferred in Hispanic serving institutions, by selected characteristics and institution: Fall 2001 and 2001-02—Continued

Institution	Type and control ¹	Enrollment, fall 2001					Degrees awarded to Hispanics, 2001-02				
		Total	Hispanic	Percent Hispanic ²	Hispanic undergraduate	Hispanic post-baccalaureate	Associate degrees	Bachelor's degrees	Master's degrees	First-professional degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12
College of Business and Technology	6	118	87	73.7	87	†	†	†	†	†	†
Florida College of Natural Health, Miami Campus	6	244	189	77.5	189	†	34	†	†	†	†
Florida International University	1	31,727	16,662	52.5	14,291	2,371	0	2,389	628	0	9
Florida Metropolitan University, South Orlando	5	1,342	506	37.7	490	16	70	20	8	†	†
Florida Metropolitan University, Tampa	5	1,060	360	34.0	342	18	34	9	2	†	†
Florida National College	4	1,273	1,210	95.1	1,210	†	89	†	†	†	†
High-Tech Institute	6	657	202	30.7	202	†	67	†	†	†	†
International Fine Arts College	5	1,100	433	39.4	410	23	39	75	4	†	†
ITT Technical Institute, Miami	6	461	237	51.4	237	†	100	†	†	†	†
Jones College, Miami Campus	3	244	163	66.8	163	†	†	†	†	†	†
Miami-Dade Community College	2	51,717	33,020	63.8	33,020	†	2,671	†	†	†	†
Nova Southeastern University	3	19,059	3,041	16.0	971	2,070	†	211	410	73	30
Saint John Vianney College Seminary	3	75	27	36.0	27	†	†	†	†	†	†
Saint Thomas University	3	2,403	994	41.4	630	364	†	105	58	47	†
The Academy, Lakeland	6	332	83	25.0	83	†	†	†	†	†	†
Trinity International University	3	377	165	43.8	150	15	†	35	3	†	†
University of Miami	3	14,436	3,511	24.3	2,445	1,066	†	528	308	106	12
University of Phoenix, Fort Lauderdale	5	1,494	365	24.4	258	107	†	16	16	†	†
Webster Tech	6	147	39	26.5	39	†	8	†	†	†	†
Illinois											
City Colleges of Chicago, Harry S Truman College	2	15,584	7,772	49.9	7,772	†	26	†	†	†	†
City Colleges of Chicago, Malcolm X College	2	8,519	2,545	29.9	2,545	†	19	†	†	†	†
City Colleges of Chicago, Richard J. Daley College	2	10,068	6,160	61.2	6,160	†	115	†	†	†	†
City Colleges of Chicago, Wilbur Wright College	2	12,233	5,758	47.1	5,758	†	101	†	†	†	†
DeVry University	5	4,011	1,049	26.2	1,049	†	52	136	10	†	†
Fox College, Inc.	6	248	149	60.1	149	†	52	†	†	†	†
ITT Technical Institute, Burr Ridge	6	270	101	37.4	101	†	25	†	†	†	†
ITT Technical Institute, Mount Prospect	5	447	115	25.7	115	†	29	10	†	†	†
MacCormac College	4	514	185	36.0	185	†	22	†	†	†	†
Morton College	2	4,328	2,870	66.3	2,870	†	131	†	†	†	†
Northeastern Illinois University	1	10,999	2,650	24.1	2,343	307	†	243	41	†	†
Northwestern Business College	6	772	316	40.9	316	†	46	†	†	†	†
Northwestern Business College, Southwestern Campus	6	803	208	25.9	208	†	28	†	†	†	†
Ravenswood Hosp. Med. Ctr., Henry J. Kutsch Sch. of Nurs.	4	18	5	27.8	5	†	11	†	†	†	†
Saint Augustine College	3	1,814	1,559	85.9	1,559	†	145	16	†	†	†
The College of Office Technology	6	494	145	29.4	145	†	4	†	†	†	†
Waubensee Community College	2	7,890	2,527	32.0	2,527	†	49	†	†	†	†
Westwood College of Technology, O'Hare Airport	5	217	83	38.2	83	†	15	†	†	†	†
Massachusetts											
Urban College of Boston	4	637	267	41.9	267	†	10	†	†	†	†
New Jersey											
Berkeley College	5	2,144	706	32.9	706	†	186	†	†	†	†
Gibbs College	6	1,369	409	29.9	409	†	92	†	†	†	†
Hudson County Community College	2	5,285	2,640	50.0	2,640	†	107	†	†	†	†
New Jersey City University	1	8,823	2,399	27.2	1,916	483	†	212	30	†	†
Passaic County Community College	2	5,129	2,765	53.9	2,765	†	105	†	†	†	†
Saint Peter's College	3	3,225	820	25.4	729	91	5	106	19	†	†
Union County College	2	8,950	2,437	27.2	2,437	†	68	†	†	†	†
New Mexico											
Albuquerque Technical Vocational Institute	2	18,880	8,035	42.6	8,035	†	306	†	†	†	†
Clovis Community College	2	2,719	748	27.5	748	†	48	†	†	†	†
Eastern New Mexico University, Main Campus	1	3,556	1,006	28.3	895	111	†	108	12	†	†
Eastern New Mexico University, Roswell Campus	2	2,666	1,128	42.3	1,128	†	54	†	†	†	†
ITT Technical Institute, Albuquerque	5	392	184	46.9	184	†	46	†	†	†	†
Luna Vocational Technical Institute	2	1,336	1,183	88.5	1,183	†	57	†	†	†	†
Mesalands Community College	2	474	187	39.5	187	†	10	†	†	†	†
Metropolitan College of Court Reporting	3	266	171	64.3	171	†	7	†	†	†	†
National American University, Albuquerque	5	276	82	29.7	82	†	8	7	†	†	†
National American University, Rio Rancho	5	234	86	36.8	86	†	8	†	†	†	†
New Mexico Highlands University	1	3,364	1,834	54.5	1,243	591	0	118	66	†	†
New Mexico Junior College	2	3,259	1,126	34.6	1,126	†	61	†	†	†	†
New Mexico State University, Alamogordo	2	1,744	629	36.1	629	†	42	†	†	†	†
New Mexico State University, Carlsbad	2	1,011	523	51.7	523	†	23	†	†	†	†
New Mexico State University, Dona Ana	2	4,717	3,545	75.2	3,545	†	255	†	†	†	†
New Mexico State University, Grants	2	820	192	23.4	192	†	19	†	†	†	†
New Mexico State University, Main Campus	2	15,224	8,898	58.4	7,720	1,178	23	707	130	†	8
Northern New Mexico Community College	2	1,001	780	77.9	780	†	91	†	†	†	†
Pima Medical Institute	6	447	272	60.9	272	†	11	†	†	†	†
Santa Fe Community College	2	2,955	1,324	44.8	1,324	†	87	†	†	†	†
The Art Center Design College, Albuquerque	6	292	97	33.2	97	†	14	3	†	†	†
University of New Mexico, Los Alamos Campus	2	822	320	38.9	320	†	16	†	†	†	†
University of New Mexico, Main Campus	1	23,753	7,009	29.5	5,615	1,394	†	774	203	65	16
University of New Mexico, Taos Education Center	2	1,212	666	55.0	666	†	25	†	†	†	†
University of New Mexico, Valencia County Branch	2	1,466	815	55.6	815	†	46	†	†	†	†
University of Phoenix, Albuquerque Campus	5	3,545	2,016	56.9	1,643	373	†	197	74	†	†
Western New Mexico University	1	2,489	1,118	44.9	979	139	46	66	17	†	†
New York											
Berkeley College of New York City	5	1,666	541	32.5	541	†	95	62	†	†	†
Borica College	3	1,163	944	81.2	915	29	155	133	3	†	†
College of Aeronautics	3	1,379	546	39.6	546	†	28	22	†	†	†
College of Mount Saint Vincent	3	1,379	439	31.8	394	45	0	75	25	†	†
CUNY, Borough of Manhattan Community College	2	16,025	4,848	30.3	4,848	†	443	†	†	†	†
CUNY, Bronx Community College	2	6,942	3,647	52.5	3,647	†	323	†	†	†	†
CUNY, City College	1	10,378	2,967	28.6	2,482	485	†	389	130	†	†
CUNY, Hostos Community College	2	3,283	2,199	67.0	2,199	†	224	†	†	†	†
CUNY, John Jay College of Criminal Justice	1	11,469	4,064	35.4	3,942	122	30	437	41	†	†

See notes at end of table.

Table 221. Enrollment and degrees conferred in Hispanic serving institutions, by selected characteristics and institution: Fall 2001 and 2001–02—Continued

Institution	Type and control ¹	Enrollment, fall 2001					Degrees awarded to Hispanics, 2001–02				
		Total	Hispanic	Percent Hispanic ²	Hispanic undergraduate	Hispanic post-baccalaureate	Associate degrees	Bachelor's degrees	Master's degrees	First-professional degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12
CUNY, La Guardia Community College	2	11,427	4,250	37.2	4,250	†	489	†	†	†	†
CUNY, Lehman College	1	8,889	3,678	41.4	3,122	556	†	458	103	†	†
CUNY, New York City Technical College	1	11,028	2,960	26.8	2,960	†	200	72	†	†	†
DeVry Institute of Technology	5	2,036	635	31.2	635	†	29	29	†	†	†
Interboro Institute	6	667	212	31.8	212	†	20	†	†	†	†
Katharine Gibbs School, New York City	6	3,561	1,484	41.7	1,484	†	405	†	†	†	†
Mercy College, Main Campus	3	9,520	3,068	32.2	2,472	596	59	373	236	†	†
Monroe College, Main Campus	5	3,449	1,638	47.5	1,638	†	327	110	†	†	†
Plaza Business Institute	6	752	241	32.0	241	†	56	†	†	†	†
Taylor Business Institute	6	600	210	35.0	210	†	31	†	†	†	†
Technical Career Institute	6	4,319	1,927	44.6	1,927	†	359	†	†	†	†
The Westchester Business Institute	6	1,113	351	31.5	351	†	91	†	†	†	†
Wood Tobe-Coburn School	6	552	331	60.0	331	†	63	†	†	†	†
Oklahoma											
American Christian College and Seminary	3	568	124	21.8	111	13	4	13	0	1	0
Oregon											
Mount Angel Seminary	3	155	29	18.7	17	12	†	6	2	5	†
Texas											
Art Institute of Houston	6	1,551	421	27.1	421	†	80	†	†	†	†
Austin Business College	6	439	141	32.1	141	†	4	†	†	†	†
Border Institute of Technology	6	147	88	59.9	88	†	17	†	†	†	†
Center for Advanced Legal Studies	5	212	55	25.9	46	9	17	†	†	†	†
Coastal Bend College	2	3,259	1,910	58.6	1,910	†	103	†	†	†	†
Computer Career Center	6	229	186	81.2	186	†	3	†	†	†	†
Del Mar College	2	10,256	5,435	53.0	5,435	†	377	†	†	†	†
Education America, Fort Worth Campus	6	259	97	37.5	97	†	17	†	†	†	†
El Paso Community College	2	20,063	17,057	85.0	17,057	†	747	†	†	†	†
Hallmark Institute of Technology	6	619	352	56.9	352	†	169	†	†	†	†
Howard County Junior College District	2	2,489	694	27.9	694	†	37	†	†	†	†
ITT Technical Institute, Austin	6	644	213	33.1	213	†	46	†	†	†	†
ITT Technical Institute, Houston ⁶	6	569	165	29.0	165	†	30	†	†	†	†
ITT Technical Institute, Houston ⁷	6	567	191	33.7	191	†	30	†	†	†	†
ITT Technical Institute, Houston ⁸	6	546	203	37.2	203	†	32	†	†	†	†
ITT Technical Institute, San Antonio	6	699	389	55.7	389	†	117	†	†	†	†
Laredo Community College	2	7,493	7,013	93.6	7,013	†	747	†	†	†	†
Lee College	2	6,336	2,012	31.8	2,012	†	65	†	†	†	†
Midland College	2	5,067	1,373	27.1	1,373	†	100	†	†	†	†
Mountain View College	2	6,055	2,251	37.2	2,251	†	101	†	†	†	†
MTI College of Business and Technology ⁹	6	703	436	62.0	436	†	79	†	†	†	†
MTI College of Business and Technology ¹⁰	6	360	136	37.8	136	†	81	†	†	†	†
Northwest Vista College	2	5,143	2,178	42.3	2,178	†	34	†	†	†	†
Oblate School of Theology	3	144	35	24.3	10	25	†	3	2	†	†
Odessa College	2	4,579	1,822	39.8	1,822	†	108	†	†	†	†
Our Lady of the Lake University, San Antonio	3	3,324	1,988	59.8	1,541	447	†	277	131	†	3
Palo Alto College	2	6,152	3,966	64.5	3,966	†	212	†	†	†	†
Saint Edward's University	3	4,151	1,100	26.5	990	110	†	172	29	†	†
St. Mary's University	3	4,135	2,394	57.9	1,804	590	†	323	104	90	2
St. Philip's College	2	8,326	4,148	49.8	4,148	†	259	†	†	†	†
San Antonio College	2	20,064	9,674	48.2	9,674	†	366	†	†	†	†
San Jacinto College, Central Campus	2	11,139	3,020	27.1	3,020	†	152	†	†	†	†
San Jacinto College, North Campus	2	4,976	1,642	33.0	1,642	†	59	†	†	†	†
South Plains College	2	8,267	2,050	24.8	2,050	†	71	†	†	†	†
South Texas Community College	2	12,469	11,782	94.5	11,782	†	528	†	†	†	†
Southwest Texas Junior College	2	3,856	2,930	76.0	2,930	†	221	†	†	†	†
Sul Ross State University	1	2,798	1,506	53.8	1,099	407	2	191	80	†	†
Texas A & M International University	1	3,373	3,002	89.0	2,441	561	†	413	103	†	†
Texas A & M University, Corpus Christi	1	7,369	2,766	37.5	2,240	526	†	362	143	†	4
Texas A & M University, Kingsville	1	6,148	3,785	61.6	3,298	487	†	445	121	†	2
Texas State Technical College, Harlingen	2	3,846	3,406	88.6	3,406	†	232	†	†	†	†
University of Texas at Brownsville	1	9,373	8,679	92.6	8,133	546	†	541	99	†	†
University of Texas at El Paso	1	16,220	11,239	69.3	9,890	1,349	†	1,186	250	†	9
University of Texas at San Antonio	1	19,881	9,057	45.6	8,037	1,020	†	1,261	212	†	1
University of Texas Health Science, San Antonio	1	2,665	668	25.1	356	312	†	99	16	44	3
University of Texas of the Permian Basin	1	2,409	761	31.6	640	121	†	133	21	†	†
University of Texas, Pan American	1	13,640	12,073	88.5	10,789	1,284	†	1,378	324	†	5
Universal Technical Institute, Inc.	6	1,650	473	28.7	473	†	†	†	†	†	†
University of Houston, Downtown	1	9,704	3,322	34.2	3,305	17	†	333	0	†	†
University of St. Thomas	3	4,288	1,085	25.3	570	515	†	95	43	1	0
University of the Incarnate Word	3	4,283	2,223	51.9	1,968	255	†	304	59	†	0
Victoria College	2	4,010	1,168	29.1	1,168	†	72	†	†	†	†
Western Technical Inst., Alabama Street, El Paso	6	444	333	75.0	333	†	115	†	†	†	†
Western Technical Inst., Texas Street, El Paso	6	307	269	87.6	269	†	119	†	†	†	†
Washington											
Heritage College	3	1,224	459	37.5	391	68	6	45	18	†	†
Yakima Valley Community College	2	4,118	993	24.1	993	†	123	†	†	†	†
Puerto Rico											
American University of Puerto Rico, Bayamon	3	2,413	2,413	100.0	2,413	†	52	260	0	†	†
American University of Puerto Rico, Manati	3	2,192	2,192	100.0	2,192	†	45	215	0	†	†
Atlantic College	3	496	496	100.0	496	†	28	55	0	†	†
Bayamon Central University	3	3,334	3,315	99.4	2,942	373	44	248	52	†	†
Caribbean University, Bayamon	3	1,362	1,362	100.0	1,324	38	30	85	6	†	†
Caribbean University, Carolina	3	629	629	100.0	576	53	5	35	0	†	†
Caribbean University, Ponce	3	742	742	100.0	545	197	13	21	11	†	†
Caribbean University, Vega Baja	3	617	617	100.0	449	168	6	15	†	†	†
Carlos Albizu University	3	824	810	98.3	205	605	†	55	63	†	44
Colégio Biblico Pentecostal de Puerto Rico	3	196	184	93.9	184	†	†	13	†	†	†

See notes at end of table.

Table 221. Enrollment and degrees conferred in Hispanic serving institutions, by selected characteristics and institution: Fall 2001 and 2001-02—Continued

Institution	Type and control ¹	Enrollment, fall 2001					Degrees awarded to Hispanics, 2001-02				
		Total	Hispanic	Percent Hispanic ²	Hispanic undergraduate	Hispanic post-baccalaureate	Associate degrees	Bachelor's degrees	Master's degrees	First-professional degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12
Colegio Tecnológico de San Juan	2	769	769	100.0	769	†	129	†	†	†	†
Columbia College, Caguas	5	899	899	100.0	899	†	133	123	†	†	†
Columbia College, Yauco	1	243	243	100.0	243	†	57	†	†	†	†
Conservatory of Music of Puerto Rico	6	246	246	100.0	246	†	†	32	†	†	†
Electronic Data Process Col. of P.R. Inc. ¹¹	5	759	759	100.0	759	†	106	0	†	†	†
Electronic Data Process Col. of P.R. Inc. ¹²	5	767	767	100.0	695	72	55	41	9	†	†
Escuela de Artes Plásticas de Puerto Rico	1	412	412	100.0	412	†	†	37	†	†	†
Huertas Junior College	6	1,731	1,731	100.0	1,731	†	492	†	†	†	†
Humacao Community College	4	405	405	100.0	405	†	81	†	†	†	†
ICPR Junior College, Arecibo	6	436	436	100.0	436	†	101	†	†	†	†
ICPR Junior College, General Institutional	6	484	482	99.6	482	†	88	†	†	†	†
ICPR Junior College, Mayaguez	6	644	644	100.0	644	†	150	†	†	†	†
Instituto Tecnológico de P.R., Guayama	2	613	613	100.0	613	†	162	†	†	†	†
Instituto Tecnológico de P.R., Recinto de Ponce	2	603	603	100.0	603	†	133	†	†	†	†
Instituto Tecnológico de P.R., Recinto de San Juan	2	751	751	100.0	751	†	190	†	†	†	†
Inter American University of P.R., Aguadilla	3	3,800	3,800	100.0	3,800	†	77	328	†	†	†
Inter American University of P.R., Arecibo	3	4,124	4,124	100.0	3,990	134	50	411	10	†	†
Inter American University of P.R., Barranquitas	3	1,817	1,817	100.0	1,817	†	30	175	†	†	†
Inter American University of P.R., Bayamon	3	5,375	5,375	100.0	5,375	†	50	334	†	†	†
Inter American University of P.R., Fajardo	3	2,105	2,105	100.0	2,105	†	18	170	†	†	†
Inter American University of P.R., Guayama	3	2,056	2,056	100.0	2,040	16	92	164	16	†	†
Inter American University of P.R., Metro	3	10,526	10,526	100.0	7,252	3,274	61	1,158	607	†	27
Inter American University of P.R., Ponce	3	4,628	4,628	100.0	4,628	†	82	389	†	†	†
Inter American University of P.R., San German	3	5,742	5,742	100.0	4,810	932	48	570	188	†	†
International Junior College	6	329	327	99.4	327	†	46	†	†	†	†
National College of Business and Tech., Arecibo	5	1,434	1,434	100.0	1,434	†	248	†	†	†	†
National College of Business and Tech., Bayamon	5	2,101	2,101	100.0	2,101	†	257	†	†	†	†
Pontifical Catholic Univ. of Puerto Rico, Arecibo	3	847	841	100.0	610	231	5	72	†	†	†
Pontifical Catholic Univ. of Puerto Rico, Guayama	3	407	407	100.0	407	†	†	†	†	†	†
Pontifical Catholic Univ. of Puerto Rico, Mayaguez	3	1,711	1,711	100.0	1,623	88	44	154	12	†	†
Pontifical Catholic Univ. of Puerto Rico, Ponce	3	7,614	7,611	100.0	5,695	1,916	16	848	119	151	1
Puerto Rico Technical Junior College Inc.	6	256	256	100.0	256	†	52	†	†	†	†
Ramirez College of Business and Technology	6	741	741	100.0	741	†	64	†	†	†	†
Universal Technology College of Puerto Rico	4	776	776	100.0	776	†	0	†	†	†	†
Universidad Adventista de Las Antillas	3	743	711	95.7	687	24	34	89	10	†	†
Universidad Central del Caribe	3	337	330	97.9	79	251	17	7	50	†	†
Universidad del Este	3	8,130	8,130	100.0	8,105	25	133	484	†	†	†
Universidad del Turabo	3	9,335	9,335	100.0	8,045	1,290	40	557	370	†	†
Universidad Metropolitana	3	7,094	7,094	100.0	6,088	1,006	53	453	328	†	†
Universidad Politecnica de Puerto Rico	3	5,408	5,408	100.0	4,895	513	†	383	118	†	†
University College of Criminal Justice of P.R.	2	949	949	100.0	949	†	955	†	†	†	†
University of Phoenix, Puerto Rico Campus	5	1,901	1,672	88.0	263	1,409	†	32	223	†	†
U. of Puerto Rico, Aguadilla U. College	1	3,276	3,276	100.0	3,276	†	146	314	†	†	†
U. of Puerto Rico, Arecibo Campus	1	4,667	4,667	100.0	4,667	†	25	470	†	†	†
U. of Puerto Rico, Bayamon Campus	1	5,811	5,811	100.0	5,811	†	132	468	†	†	†
U. of Puerto Rico, Carolina Regional College	1	4,377	4,377	100.0	4,377	†	122	449	†	†	†
U. of Puerto Rico, Cayey University College	1	4,019	4,019	100.0	4,019	†	1	528	†	†	†
U. of Puerto Rico, Humacao	1	4,476	4,474	100.0	4,474	†	116	477	†	†	†
U. of Puerto Rico, Mayaguez	1	12,244	12,244	100.0	11,351	893	†	1,774	169	†	6
U. of Puerto Rico, Medical Sciences Campus	1	2,708	2,689	99.3	904	1,785	35	333	223	152	6
U. of Puerto Rico, Ponce Univ. College	1	4,070	4,069	100.0	4,069	†	125	433	†	†	†
U. of Puerto Rico, Rio Piedras Campus	1	21,561	21,494	99.7	17,776	3,718	†	2,561	328	133	64
U. of Puerto Rico, Utuado Campus	1	1,621	1,621	100.0	1,621	†	66	81	†	†	†
University of the Sacred Heart	3	5,187	5,187	100.0	4,684	503	5	561	28	†	†

† Not applicable.

¹1=public, 4-year; 2=public, 2-year; 3=private, not-for-profit, 4-year; 4=private, not-for-profit, 2-year; 5=private, for-profit, 4-year; and 6=private, for-profit, 2-year.

²Hispanic students who are U.S. citizens or resident aliens as a percent of total enrollment, including nonresident aliens.

³Hispanic serving institutions are defined as those with full-time-equivalent undergraduate enrollment of Hispanic students at 25 percent or more. Computation based on Hispanic enrollment as a percent of U.S. citizen enrollment.

⁴North 43rd Avenue, Phoenix.

⁵North 75th Avenue, Phoenix.

⁶South Gessner.

⁷Blue Ash Drive.

⁸Bay Area Boulevard.

⁹Regency Square Boulevard, Houston.

¹⁰Space Park Drive, Houston.

¹¹San Sebastian.

¹²Hato Rey.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 and Fall 2002 surveys. (This table was prepared October 2003.)

Table 222. Enrollment and degrees conferred in tribally controlled institutions, by selected characteristics and institution: Fall 1997 to fall 2001, and 1999–2000 to 2001–02

Institution	Type and control ¹	Total enrollment				Enrollment, fall 2001				Associate degrees to American Indians and Alaska Natives			Bachelor's degrees to American Indians and Alaska Natives		
		Fall 1997	Fall 1998	Fall 1999	Fall 2000	Total	American Indian/Alaska Native	Percent American Indian/Alaska Native	American Indian/Alaska Native, undergraduate	1999–2000	2000–01	2001–02	1999–2000	2000–01	2001–02
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Tribally controlled institutions	†	13,583	13,940	14,301	13,589	13,961	11,618	83.2	11,533	984	918	1,174	144	112	139
Arizona															
Diné College	2	1,732	1,875	1,881	1,712	1,685	1,619	96.1	1,619	134	129	314	†	†	†
California															
D–Q University	4	314	225	257	172	193	73	37.8	73	—	—	13	†	†	†
Kansas															
Haskell Indian Nations University	1	846	779	885	918	967	967	100.0	967	91	68	63	63	21	24
Michigan															
Bay Mills Community College	2	453	369	321	360	368	220	59.8	220	7	12	18	†	†	†
Minnesota															
Fond du Lac Tribal and Community College	2	704	701	935	999	1,023	278	27.2	278	14	16	22	†	†	†
Leech Lake Tribal College	2	135	228	222	240	174	165	94.8	165	18	13	8	†	†	†
Montana															
Blackfeet Community College	4	411	396	291	299	341	329	96.5	329	103	47	77	†	†	†
Chief Dull Knife College	4	508	448	448	461	442	353	79.9	353	31	16	23	†	†	†
Fort Belknap College	2	218	163	266	295	170	148	87.1	148	14	30	27	†	†	†
Fort Peck Community College	2	360	316	370	400	419	344	82.1	344	13	26	20	†	†	†
Little Big Horn College	2	243	324	207	320	203	195	96.1	195	7	18	4	†	†	†
Salish Kootenai College	3	967	1,016	1,075	1,042	976	808	82.8	808	65	59	48	29	27	20
Stone Child College	2	166	255	188	38	242	232	95.9	232	32	15	23	†	†	†
Nebraska															
Little Priest Tribal College	4	—	—	147	141	88	77	87.5	77	1	1	7	†	†	†
Nebraska Indian Community College	4	223	186	186	170	191	160	83.8	160	10	14	4	†	†	†
New Mexico															
Crownpoint Institute of Technology	4	364	227	270	841	299	293	98.0	293	19	29	33	†	†	†
Institute of American Indian Arts	1	109	109	133	139	44	40	90.9	40	7	15	17	†	†	2
Southwestern Indian Polytechnic Institute	2	656	653	643	304	723	723	100.0	723	41	53	46	†	†	†
North Dakota															
Candesa Cikana Community College	2	142	124	134	9	169	158	93.5	158	5	10	16	†	†	†
Fort Berthold Community College	2	223	291	285	50	50	47	94.0	47	26	26	26	†	†	†
Sitting Bull College	2	217	231	233	22	194	172	88.7	172	32	25	32	†	†	†
Turtle Mountain Community College	1	579	624	665	686	684	636	93.0	636	38	46	45	†	†	16
United Tribes Technical College	4	263	311	299	204	302	272	90.1	272	55	65	63	†	†	†
South Dakota															
Oglala Lakota College	1	1,219	1,137	1,198	1,174	1,270	1,132	89.1	1,058	83	47	62	38	49	34
Si Tanka College	1	171	215	215	59	51	46	90.2	46	17	17	7	†	†	17
Sinte Gleska University	1	766	1,041	910	900	895	749	83.7	738	44	39	26	14	15	26
Sisseton-Wahpeton Community College	2	199	201	219	250	275	211	76.7	211	13	12	36	†	†	†
Washington															
Northwest Indian College	2	677	695	548	524	600	465	77.5	465	26	28	21	†	†	†
Wisconsin															
College of the Menominee Nation	4	225	249	385	371	407	320	78.6	320	12	12	28	†	†	†
Lac Courte Oreilles Ojibwa, Community College	2	493	551	485	489	516	386	74.8	386	26	30	45	†	†	†

† Not applicable.
 — Not available.
¹ 1=public, 4-year; 2=public, 2-year; 3=private not-for-profit, 4-year; and 4=private not-for-profit, 2-year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys 1997 through 1999; and Spring 2001, Fall 2002, and Spring 2002 surveys. (This table was prepared October 2003.)

NOTE: These colleges are, with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium. Some data revised from previously published figures.

Table 223. Fall enrollment, degrees conferred, and expenditures in degree-granting historically Black colleges and universities, by institution: 2000–01, 2001, and 2001–02

Institution	Type and control ¹	Enrollment, 2001		Degrees conferred, 2001–02					Current-fund expenditures for public institutions, 2000–01, in thousands ²	Total expenditures for private institutions, 2000–01, in thousands ²
		Total	Black	Associate	Bachelor's	Master's	First-professional	Doctor's		
1	2	3	4	5	6	7	8	9	10	11
Total	†	289,985	238,638	3,436	28,846	6,338	1,427	364	\$2,803,193	\$2,021,257
***Alabama A&M University, AL	1	5,849	4,983	0	516	294	†	10	90,296	†
Alabama State University, AL	1	5,590	5,079	0	407	247	†	†	69,328	†
Bishop State Community College, AL	2	4,433	2,730	392	†	†	†	†	24,371	†
Concordia College, AL	3	781	710	8	17	†	†	†	†	4,368
Gadsden State Community College, AL	2	6,715	1,141	335	†	†	†	†	27,501	†
J.F. Drake Technical College, AL	2	671	320	64	†	†	†	†	4,953	†
Lawson State Community College, AL	2	1,861	1,826	96	†	†	†	†	13,832	†
Miles College, AL	3	1,637	1,631	0	210	†	†	†	†	19,047
Oakwood College, AL	3	1,778	1,556	13	245	†	†	†	†	29,956
Shelton State Community College, C.A. Fredd campus, AL	2	215	105	16	†	†	†	†	2,345	†
Stillman College, AL	3	1,513	1,477	0	119	†	†	†	†	20,540
Talladega College, AL	3	540	531	0	77	†	†	†	†	10,866
Trenholm State Technical College, AL	2	600	454	80	†	†	†	†	8,922	†
***Tuskegee University, AL	3	2,880	2,753	0	431	37	53	0	†	90,353
Arkansas Baptist College, AR	3	235	233	0	14	0	†	†	†	1,986
Philander Smith College, AR	3	859	829	0	127	0	†	†	†	13,856
***University of Arkansas, Pine Bluff, AR	1	3,144	2,970	0	400	29	†	†	57,599	†
***Delaware State University, DE	1	3,343	2,645	0	346	88	†	†	61,906	†
Howard University, DC	3	11,004	9,196	0	1,252	388	371	102	†	642,609
***University of the District of Columbia, DC	1	5,456	4,410	106	291	69	†	0	86,861	†
University of the District of Columbia Law School, DC	1	133	76	†	†	†	54	†	5,077	†
Bethune-Cookman College, FL	3	2,724	2,452	0	281	0	†	†	†	42,453
Edward Waters College, FL	3	1,320	1,248	0	124	0	†	†	†	17,756
***Florida A&M University, FL	1	12,316	11,506	50	1,414	304	97	9	204,074	†
Florida Memorial College, FL	3	2,154	1,862	0	207	0	†	†	†	26,708
Albany State College, GA	1	3,456	3,146	0	365	99	†	†	45,095	†
Clark Atlanta University, GA	3	4,882	4,803	0	431	185	†	26	†	99,757
***Fort Valley State University, GA	1	2,485	2,264	5	217	88	†	0	46,595	†
Interdenominational Theological Center, GA	3	450	415	0	0	7	67	4	†	8,209
Morehouse College, GA	3	2,729	2,614	0	501	0	†	†	†	62,237
Morehouse School of Medicine, GA	3	212	174	0	0	12	35	2	†	83,986
Morris Brown College, GA	3	2,874	2,804	0	189	0	†	†	†	46,534
Paine College, GA	3	888	875	0	101	0	†	†	†	12,161
Savannah State College, GA	1	2,269	2,048	0	229	35	†	†	39,607	†
Spelman College, GA	3	2,138	2,089	0	454	0	†	†	†	52,020
***Kentucky State University, KY	1	2,313	1,485	54	208	35	†	†	55,024	†
Dillard University, LA	3	2,137	2,130	0	330	0	†	†	†	40,523
Grambling State University, LA	1	4,500	4,305	92	579	139	†	10	63,702	†
***Southern University and A&M College, Baton Rouge, LA	1	9,035	8,526	9	919	274	0	5	108,425	†
Southern University, New Orleans, LA	1	3,741	3,592	6	350	147	†	†	26,636	†
Southern University, Shreveport-Bossier City Campus, LA	2	1,444	1,282	252	†	†	†	†	8,855	†
Xavier University of Louisiana, LA	3	3,912	3,547	0	488	71	107	0	†	76,318
Bowie State University, MD	1	5,181	4,289	0	640	430	†	†	52,261	†
Coppin State College, MD	1	4,032	3,617	0	390	202	†	†	37,306	†
Morgan State University, MD	1	6,498	5,932	0	732	94	†	19	115,937	†
***University of Maryland, Eastern Shore, MD ..	1	3,295	2,527	0	412	75	†	1	59,803	†
Lewis College of Business, MI	4	358	356	15	†	†	†	†	†	2,016
***Alcorn State University, MS	1	3,096	2,829	25	410	142	†	†	56,227	†
Coahoma Community College, MS	2	1,318	1,298	175	†	†	†	†	4,003	†
Hinds Community College, Utica Campus, MS	2	1,753	1,551	174	†	†	†	†	†	†
Jackson State University, MS	1	7,098	6,680	0	767	282	†	26	109,226	†
Mary Holmes College, MS	4	309	308	40	†	†	†	†	†	4,128
Mississippi Valley State University, MS	1	3,081	2,921	0	342	67	†	†	36,618	†
Rust College, MS	3	801	725	12	117	0	†	†	†	12,461
Tougaloo College, MS	3	950	949	5	132	0	†	†	†	19,436
Harris-Stowe State College, MO	1	1,921	1,530	0	149	0	†	†	16,971	†
***Lincoln University, MO	1	3,332	1,115	66	325	65	†	†	37,248	†

See notes at end of table.

Table 223. Fall enrollment, degrees conferred, and expenditures in degree-granting historically Black colleges and universities, by institution: 2000–01, 2001, and 2001–02—Continued

Institution	Type and control ¹	Enrollment, 2001		Degrees conferred, 2001–02					Current-fund expenditures for public institutions, 2000–01, in thousands ²	Total expenditures for private institutions, 2000–01, in thousands ²
		Total	Black	Associate	Bachelor's	Master's	First-professional	Doctor's		
1	2	3	4	5	6	7	8	9	10	11
Barber-Scotia College, NC	3	571	551	0	55	0	†	†	†	8,683
Bennett College, NC	3	521	507	0	92	0	†	†	†	16,335
Elizabeth City State University, NC	1	2,004	1,558	0	299	9	†	†	39,046	†
Fayetteville State University, NC	1	5,010	3,631	0	563	86	†	10	54,677	†
Johnson C. Smith University, NC	3	1,595	1,593	0	224	0	†	†	†	33,256
Livingstone College, NC	3	440	404	0	121	0	0	†	†	15,566
***North Carolina Agricultural and Technical State University, NC	1	8,319	7,415	0	908	218	†	11	140,131	†
North Carolina Central University, NC	1	5,753	4,743	0	655	272	100	0	83,625	†
St. Augustine's College, NC	3	1,360	1,227	0	221	0	†	†	†	23,154
Shaw University, NC	3	2,523	2,372	19	374	0	24	0	†	40,721
Winston-Salem State University, NC	1	2,992	2,465	0	501	0	†	†	50,138	†
Central State University, OH	1	1,400	1,356	0	124	19	†	†	41,954	†
Wilberforce University, OH	3	925	870	0	203	0	†	†	†	17,678
***Langston University, OK	1	2,988	2,099	5	406	19	†	†	27,874	†
Cheyney University of Pennsylvania, PA	1	1,514	1,420	0	129	96	†	†	31,920	†
Lincoln University, PA	1	1,871	1,683	0	243	158	†	†	34,879	†
Allen University, SC	3	1,226	1,226	0	50	0	†	†	†	3,896
Benedict College, SC	3	2,938	2,914	0	277	0	†	†	†	45,601
Clafin College, SC	3	1,460	1,372	0	221	0	†	†	†	23,115
Clinton Junior College, SC	4	34	34	27	†	†	†	†	†	754
Denmark Technical College, SC	2	1,401	1,312	138	†	†	†	†	8,801	†
Morris College, SC	3	986	983	0	146	0	†	†	†	16,601
***South Carolina State University, SC	1	4,467	3,985	0	619	149	†	25	74,065	†
Voorhees College, SC	3	756	748	0	153	0	†	†	†	12,975
Fisk University, TN	3	845	791	0	174	18	†	†	†	20,654
Lane College, TN	3	675	669	0	88	0	†	†	†	10,491
Le Moyne-Owen College, TN	3	734	720	0	89	0	†	†	†	14,325
Meharry Medical College, TN	3	885	677	0	0	26	133	10	†	87,224
***Tennessee State University, TN	1	8,664	6,518	77	1,033	378	†	52	119,823	†
Huston-Tillotson College, TX	3	618	461	0	73	0	†	†	†	12,378
Jarvis Christian College, TX	3	571	540	0	75	0	†	†	†	12,190
Paul Quinn College, TX	3	828	761	0	70	0	†	†	†	11,220
***Prairie View A&M University, TX	1	6,747	6,059	0	747	417	†	0	97,671	†
St. Philip's College, TX	2	8,326	1,504	509	†	†	†	†	41,702	†
Southwestern Christian College, TX	3	197	175	24	3	0	†	†	†	3,815
Texas College, TX	3	511	494	0	49	0	†	†	†	7,848
Texas Southern University, TX	1	8,119	7,018	0	437	177	280	21	90,393	†
Wiley College, TX	3	584	515	1	125	0	†	†	†	10,988
Hampton University, VA	3	5,787	5,211	7	774	117	27	5	†	99,698
Norfolk State University, VA	1	6,721	5,970	66	698	159	†	5	94,910	†
St. Paul's College, VA	3	555	531	0	102	0	†	†	†	10,316
***Virginia State University, VA	1	4,638	4,296	0	543	100	†	†	78,806	†
Virginia Union University, VA	3	1,712	1,671	0	139	0	79	11	†	21,493
Bluefield State College, WV	1	2,768	265	263	213	0	†	†	18,980	†
West Virginia State College, WV	1	4,835	727	189	420	0	†	†	47,844	†
***University of the Virgin Islands, St. Thomas Campus, VI	1	1,372	1,148	21	155	15	†	†	49,352	†

† Not applicable.

—Not available.

***Land-grant institution.

¹ 1=public 4-year; 2=public 2-year; 3=private 4-year; and 4=private 2-year.² Due to changes in survey instruments, public colleges generally report data on current-fund expenditures and private colleges generally report data on total expenditures.

NOTE: Excludes historically Black colleges and universities that are not participating in Title IV programs. Historically Black colleges and universities are degree-granting institutions established prior to 1964 with the principal mission of educating Black Americans.

Federal regulations, 20 U.S. Code, Section 1061 (2), allow for certain exceptions to the founding date. Most institutions are in the southern and border states and were established prior to 1954. Federal, state, and local governments revenue includes appropriations, grants, contracts, and independent operations. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 and Spring 2002 surveys. (This table was prepared October 2003.)

Table 224. Selected statistics on degree-granting historically Black colleges and universities: 1980, 1990, 2000-01, 2001, and 2001-02

Enrollment, degrees, type of revenues, and type of expenditures	Total	Public			Private		
		Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8
Number of institutions, fall 2002	103	52	41	11	51	48	3
Total enrollment, fall 1980	233,557	168,217	155,085	13,132	65,340	62,924	2,416
Men	106,387	76,994	70,236	6,758	29,393	28,352	1,041
Men, black	81,818	56,435	53,654	2,781	25,383	24,412	971
Women	127,170	91,223	84,849	6,374	35,947	34,572	1,375
Women, black	109,171	75,226	70,582	4,644	33,945	32,589	1,356
Total enrollment, fall 1990	257,152	187,046	171,969	15,077	70,106	68,528	1,578
Men	105,157	76,541	70,220	6,321	28,616	28,054	562
Men, black	82,897	57,255	54,041	3,214	25,642	25,198	444
Women	151,995	110,505	101,749	8,756	41,490	40,474	1,016
Women, black	125,785	86,949	80,883	6,066	38,836	38,115	721
Total enrollment, fall 2001	289,985	210,083	181,346	28,737	79,902	79,201	701
Men	112,874	81,985	70,261	11,724	30,889	30,721	168
Men, black	90,718	62,603	58,019	4,584	28,115	27,947	168
Women	177,111	128,098	111,085	17,013	49,013	48,480	533
Women, black	147,920	101,751	92,812	8,939	46,169	45,639	530
Full-time enrollment, fall 2001	222,453	150,968	136,040	14,928	71,485	71,084	401
Men	89,688	61,894	55,721	6,173	27,794	27,664	130
Women	132,765	89,074	80,319	8,755	43,691	43,420	271
Part-time enrollment, fall 2001	67,532	59,115	45,306	13,809	8,417	8,117	300
Men	23,186	20,091	14,540	5,551	3,095	3,057	38
Women	44,346	39,024	30,766	8,258	5,322	5,060	262
Earned degrees conferred, 2001-02							
Associate	3,436	3,265	1,034	2,231	171	89	82
Men	1,099	1,044	279	765	55	27	28
Men, black	496	451	94	357	45	18	27
Women	2,337	2,221	755	1,466	116	62	54
Women, black	1,379	1,267	319	948	112	58	54
Bachelor's	28,846	19,101	19,101	†	9,745	9,745	†
Men	10,158	6,936	6,936	†	3,222	3,222	†
Men, black	8,623	5,707	5,707	†	2,916	2,916	†
Women	18,688	12,165	12,165	†	6,523	6,523	†
Women, black	16,499	10,326	10,326	†	6,173	6,173	†
Master's	6,338	5,477	5,477	†	861	861	†
Men	1,773	1,511	1,511	†	262	262	†
Men, black	1,163	975	975	†	188	188	†
Women	4,565	3,966	3,966	†	599	599	†
Women, black	3,298	2,803	2,803	†	495	495	†
First-professional	1,427	531	531	†	896	896	†
Men	617	226	226	†	391	391	†
Men, black	399	106	106	†	293	293	†
Women	810	305	305	†	505	505	†
Women, black	598	202	202	†	396	396	†
Doctor's	364	204	204	†	160	160	†
Men	165	82	82	†	83	83	†
Men, black	108	42	42	†	66	66	†
Women	199	122	122	†	77	77	†
Women, black	148	79	79	†	69	69	†
Financial statistics, 2000-01 in thousands of dollars							
Current-fund revenues	†	\$2,865,406	\$2,711,332	\$154,074	†	†	†
Tuition and fees	†	583,864	551,900	31,964	†	†	†
Federal government	†	499,991	469,679	30,312	†	†	†
State governments	†	1,245,385	1,171,471	73,914	†	†	†
Local governments	†	66,520	57,804	8,715	†	†	†
Private gifts, grants, and contracts	†	48,157	47,864	293	†	†	†
Endowment income	†	8,035	7,973	61	†	†	†
Sales and services	†	367,857	361,299	6,558	†	†	†
Other sources	†	45,597	43,340	2,257	†	†	†
Current-fund expenditures	†	2,803,193	2,657,909	145,283	†	†	†
Educational and general expenditures	†	2,446,802	2,306,989	139,814	†	†	†
Auxiliary enterprises	†	337,645	332,175	5,470	†	†	†
Hospitals	†	0	0	0	†	†	†
Independent operations	†	0	0	0	†	†	†
Other expenditures	†	18,745	18,745	0	†	†	†

† Not applicable.

NOTE: Historically Black colleges and universities are degree-granting institutions established prior to 1964 with the principal mission of educating Black Americans. Federal regulations, 20 U.S. Code, Section 1061 (2), allow for certain exceptions to the founding date. Most institutions are in the southern and border states and were established prior to 1954. Federal, state, and local governments revenue includes appropriations, grants, contracts, and independent operations. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education;" 1980; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," 1990 survey, and Spring 2002 and Fall 2002 surveys. (This table was prepared October 2003.)

Table 225. Fall enrollment in degree-granting historically Black colleges and universities, by type and control of institution: 1976 to 2001

Year	Total enrollment	Type of institution		Public institutions			Private institutions		
		4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
1976	222,613	206,676	15,937	156,836	143,528	13,308	65,777	63,148	2,629
1977	226,062	209,898	16,164	158,823	145,450	13,373	67,239	64,448	2,791
1978	227,797	211,651	16,146	163,237	150,168	13,069	64,560	61,483	3,077
1979	230,124	214,147	15,977	166,315	153,139	13,176	63,809	61,008	2,801
1980	233,557	218,009	15,548	168,217	155,085	13,132	65,340	62,924	2,416
1981	232,460	217,152	15,308	166,991	154,269	12,722	65,469	62,883	2,586
1982	228,371	212,017	16,354	165,871	151,472	14,399	62,500	60,545	1,955
1983	234,446	217,909	16,537	170,051	155,665	14,386	64,395	62,244	2,151
1984	227,519	212,844	14,675	164,116	151,289	12,827	63,403	61,555	1,848
1985	225,801	210,648	15,153	163,677	150,002	13,675	62,124	60,646	1,478
1986	223,275	207,231	16,044	162,048	147,631	14,417	61,227	59,600	1,627
1987	227,994	211,654	16,340	165,486	150,560	14,926	62,508	61,094	1,414
1988	239,755	223,250	16,505	173,672	158,606	15,066	66,083	64,644	1,439
1989	249,096	232,890	16,206	181,151	166,481	14,670	67,945	66,409	1,536
1990	257,152	240,497	16,655	187,046	171,969	15,077	70,106	68,528	1,578
1991	269,335	252,093	17,242	197,847	182,204	15,643	71,488	69,889	1,599
1992	279,541	261,089	18,452	204,966	188,143	16,823	74,575	72,946	1,629
1993	282,856	262,430	20,426	208,197	189,032	19,165	74,659	73,398	1,261
1994	280,071	259,997	20,074	206,520	187,735	18,785	73,551	72,262	1,289
1995	278,725	259,409	19,316	204,726	186,278	18,448	73,999	73,131	868
1996	273,018	253,654	19,364	200,569	182,063	18,506	72,449	71,591	858
1997	269,167	248,860	20,307	194,674	175,297	19,377	74,493	73,563	930
1998	273,472	248,931	24,541	198,603	174,776	23,827	74,869	74,155	714
1999	274,212	249,169	25,043	199,704	175,364	24,340	74,508	73,805	703
2000	275,680	250,710	24,970	199,725	175,404	24,321	75,955	75,306	649
2001	289,985	260,547	29,438	210,083	181,346	28,737	79,902	79,201	701

NOTE: Data for 1976 to 1995 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1976 through 1985; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1986 through 1999; and Spring 2001 and Spring 2002 surveys. (This table was prepared October 2003.)

Table 226. Employees in degree-granting institutions of higher education, by primary occupation, employment status, and control of institution: Fall 1976, fall 1991, and fall 2001

Primary occupation and control of institution	Fall 1976 ¹					Fall 1991 ¹				Fall 2001 ²			
	Total staff			Full-time equivalent staff		Total staff		Full-time equivalent staff		Total staff		Full-time equivalent staff	
	Number	Per-cent	Full-time	Total	FTE stu-dents per FTE staff	Number	Per-cent	Total	FTE stu-dents per FTE staff	Number	Per-cent	Total	FTE stu-dents per FTE staff
Total, all institutions	1,863,790	100.0	1,339,911	1,541,339	5.4	2,545,235	100.0	2,094,628	4.9	3,083,353	100.0	2,436,473	4.8
Professional staff	1,073,119	57.6	709,400	845,456	9.8	1,595,460	62.7	1,244,588	8.3	2,132,150	69.2	1,598,710	7.4
Executive/administrative/managerial	101,263	5.4	97,003	98,972	84.0	144,755	5.7	141,718	73.1	152,038	4.9	149,051	78.9
Faculty (instruction and research)	633,210	34.0	434,071	500,533	16.6	826,252	32.5	632,565	16.4	1,113,183	36.1	783,036	15.0
Instruction and research assistants	160,086	8.6	28,007	82,684	100.5	197,751	7.8	81,467	127.2	261,136	8.5	107,943	109.0
Non-faculty professionals	178,560	9.6	150,319	163,267	50.9	426,702	16.8	388,838	26.6	605,793	19.6	558,680	21.1
Nonprofessional staff	790,671	42.4	630,511	695,883	11.9	949,775	37.3	850,040	12.2	951,203	30.8	837,763	14.0
Public, total	1,329,122	100.0	946,354	1,092,558	5.8	1,783,328	100.0	1,449,398	5.4	2,136,970	100.0	1,660,294	5.2
Professional staff	769,836	57.9	502,325	601,942	10.5	1,133,264	63.5	868,112	9.1	1,477,953	69.2	1,083,384	8.0
Executive/administrative/managerial	60,733	4.6	58,649	59,579	106.6	84,446	4.7	82,835	94.9	82,811	3.9	80,942	106.7
Faculty (instruction and research)	448,733	33.8	313,367	357,761	17.7	580,908	32.6	446,113	17.6	771,124	36.1	539,581	16.0
Instruction and research assistants	127,925	9.6	19,076	63,420	100.1	173,560	9.7	70,707	111.2	219,475	10.3	89,412	96.6
Non-faculty professionals	132,445	10.0	111,233	121,182	52.4	294,350	16.5	268,458	29.3	404,543	18.9	373,449	23.1
Nonprofessional staff	559,286	42.1	444,029	490,616	12.9	650,064	36.5	581,286	13.5	659,017	30.8	576,910	15.0
Private, total	534,668	100.0	393,557	448,781	4.4	761,907	100.0	645,231	3.9	946,383	100.0	776,179	4.0
Professional staff	303,283	56.7	207,075	243,514	8.1	462,196	60.7	376,476	6.6	654,197	69.1	515,327	6.1
Executive/administrative/managerial	40,530	7.6	38,354	39,393	49.8	60,309	7.9	58,883	42.4	69,227	7.3	68,109	45.9
Faculty (instruction and research)	184,477	34.5	120,704	142,772	13.7	245,344	32.2	186,452	13.4	342,059	36.1	243,455	12.8
Instruction and research assistants	32,161	6.0	8,931	19,264	101.9	24,191	3.2	10,760	232.1	41,661	4.4	18,531	168.7
Non-faculty professionals	46,115	8.6	39,086	42,085	46.6	132,352	17.4	120,380	20.7	201,250	21.3	185,231	16.9
Nonprofessional staff	231,385	43.3	186,482	205,267	9.6	299,711	39.3	268,755	9.3	292,186	30.9	260,853	12.0

¹ Data are for 4-year and 2-year institutions that were accredited by an agency or organization that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

² Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Staff, 1976" survey; and Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" 1991, and Winter 2001-02 surveys. (This table was prepared September 2003.)

NOTE: Detail may not sum to totals due to rounding.

Table 227. Employees in degree-granting institutions, by employment status, sex, primary occupation, and control and type of institution: Fall 2001

Primary occupation and control and type of institution	Full-time and part-time					Full-time				Part-time		
	Total		Men	Women		Total		Men	Women	Total	Men	Women
	Number	Per-centage dis-tribu-tion		Number	Per-cent of all employ-ees	Number	Per-cent of all employ-ees					
1	2	3	4	5	6	7	8	9	10	11	12	13
Total, all employees	3,083,353	100.0	1,451,773	1,631,580	52.9	2,043,208	66.3	944,116	1,099,092	1,040,145	507,657	532,488
Professional staff	2,132,150	69.2	1,105,053	1,027,097	48.2	1,283,684	60.2	666,288	617,396	848,466	438,765	409,701
Executive/administrative/managerial	152,038	4.9	79,348	72,690	47.8	146,523	96.4	77,043	69,480	5,515	2,305	3,210
Faculty (instruction and research)	1,113,183	36.1	644,514	468,669	42.1	617,868	55.5	380,485	237,383	495,315	264,029	231,286
Instruction and research assistants	261,136	8.5	142,120	119,016	45.6	†	†	†	†	261,136	142,120	119,016
Non-faculty professionals	605,793	19.6	239,071	366,722	60.5	519,293	85.7	208,760	310,533	86,500	30,311	56,189
Nonprofessional staff	951,203	30.8	346,720	604,483	63.5	759,524	79.8	277,828	481,696	191,679	68,892	122,787
Technical and paraprofessionals	202,283	6.6	83,008	119,275	59.0	157,925	78.1	65,705	92,220	44,358	17,303	27,055
Clerical and secretarial	452,948	14.7	61,610	391,338	86.4	353,740	78.1	36,636	317,104	99,208	24,974	74,234
Skilled crafts	64,801	2.1	60,201	4,600	7.1	61,041	94.2	57,801	3,240	3,760	2,400	1,360
Service and maintenance	231,171	7.5	141,901	89,270	38.6	186,818	80.8	117,686	69,132	44,353	24,215	20,138
Public 4-year, total	1,558,576	100.0	744,554	814,022	52.2	1,089,547	69.9	516,305	573,242	469,029	228,249	240,780
Professional staff	1,069,161	68.6	559,497	509,664	47.7	680,305	63.6	360,671	319,634	388,856	198,826	190,030
Executive/administrative/managerial	60,245	3.9	33,599	26,646	44.2	57,750	95.9	32,477	25,273	2,495	1,122	1,373
Faculty (instruction and research)	438,459	28.1	267,658	170,801	39.0	315,829	72.0	203,233	112,596	122,630	64,425	58,205
Instruction and research assistants	218,260	14.0	118,147	100,113	45.9	†	†	†	†	218,260	118,147	100,113
Non-faculty professionals	352,197	22.6	140,093	212,104	60.2	306,726	87.1	124,961	181,765	45,471	15,132	30,339
Nonprofessional staff	489,415	31.4	185,057	304,358	62.2	409,242	83.6	155,634	253,608	80,173	29,423	50,750
Technical and paraprofessionals	103,888	6.7	44,003	59,885	57.6	85,597	82.4	36,512	49,085	18,291	7,491	10,800
Clerical and secretarial	219,555	14.1	29,062	190,493	86.8	179,207	81.6	18,512	160,695	40,348	10,550	29,798
Skilled crafts	42,213	2.7	39,779	2,434	5.8	40,867	96.8	38,862	2,005	1,346	917	429
Service and maintenance	123,759	7.9	72,213	51,546	41.7	103,571	83.7	61,748	41,823	20,188	10,465	9,723
Public 2-year, total	578,394	100.0	259,333	319,061	55.2	283,667	49.0	119,218	164,449	294,727	140,115	154,612
Professional staff	408,792	70.7	200,957	207,835	50.8	171,702	42.0	81,133	90,569	237,090	119,824	117,266
Executive/administrative/managerial	22,566	3.9	11,415	11,151	49.4	21,686	96.1	11,000	10,686	880	415	465
Faculty (instruction and research)	332,665	57.5	169,654	163,011	49.0	110,760	33.3	55,541	55,219	221,905	114,113	107,792
Instruction and research assistants	1,215	0.2	550	665	54.7	†	†	†	†	1,215	550	665
Non-faculty professionals	52,346	9.1	19,338	33,008	63.1	39,256	75.0	14,592	24,664	13,090	4,746	8,344
Nonprofessional staff	169,602	29.3	58,376	111,226	65.6	111,965	66.0	38,085	73,880	57,637	20,291	37,346
Technical and paraprofessionals	44,228	7.6	17,068	27,160	61.4	27,955	63.2	10,909	17,046	16,273	6,159	10,114
Clerical and secretarial	85,512	14.8	12,105	73,407	85.8	53,995	63.1	3,925	50,070	31,517	8,180	23,337
Skilled crafts	6,762	1.2	5,698	1,064	15.7	5,433	80.3	4,926	507	1,329	772	557
Service and maintenance	33,100	5.7	23,505	9,595	29.0	24,582	74.3	18,325	6,257	8,518	5,180	3,338
Private 4-year, total ¹	912,924	100.0	432,707	480,217	52.6	646,661	70.8	298,124	348,537	266,263	134,583	131,680
Professional staff	627,364	68.7	331,578	295,786	47.1	413,229	65.9	215,612	197,617	214,135	115,966	98,169
Executive/administrative/managerial	65,739	7.2	32,783	32,956	50.1	63,650	96.8	32,030	31,620	2,089	753	1,336
Faculty (instruction and research)	325,713	35.7	198,091	127,622	39.2	182,457	56.0	116,486	65,971	143,256	81,605	61,651
Instruction and research assistants	41,611	4.6	23,391	18,220	43.8	†	†	†	†	41,611	23,391	18,220
Non-faculty professionals	194,301	21.3	77,313	116,988	60.2	167,122	86.0	67,096	100,026	27,179	10,217	16,962
Nonprofessional staff	285,560	31.3	101,129	184,431	64.6	233,432	81.7	82,512	150,920	52,128	18,617	33,511
Technical and paraprofessionals	52,669	5.8	21,276	31,393	59.6	43,331	82.3	17,790	25,541	9,338	3,486	5,852
Clerical and secretarial	144,401	15.8	20,075	124,326	86.1	117,875	81.6	13,934	103,941	26,526	6,141	20,385
Skilled crafts	15,701	1.7	14,620	1,081	6.9	14,641	93.2	13,929	712	1,060	691	369
Service and maintenance	72,789	8.0	45,158	27,631	38.0	57,585	79.1	36,859	20,726	15,204	8,299	6,905
Private 2-year, total ¹	33,459	100.0	15,179	18,280	54.6	23,333	69.7	10,469	12,864	10,126	4,710	5,416
Professional staff	26,833	80.2	13,021	13,812	51.5	18,448	68.8	8,872	9,576	8,385	4,149	4,236
Executive/administrative/managerial	3,488	10.4	1,551	1,937	55.5	3,437	98.5	1,536	1,901	51	15	36
Faculty (instruction and research)	16,346	48.9	9,111	7,235	44.3	8,822	54.0	5,225	3,597	7,524	3,886	3,638
Instruction and research assistants	50	0.1	32	18	36.0	†	†	†	†	50	32	18
Non-faculty professionals	6,949	20.8	2,327	4,622	66.5	6,189	89.1	2,111	4,078	760	216	544
Nonprofessional staff	6,626	19.8	2,158	4,468	67.4	4,885	73.7	1,597	3,288	1,741	561	1,180
Technical and paraprofessionals	1,498	4.5	661	837	55.9	1,042	69.6	494	548	456	167	289
Clerical and secretarial	3,480	10.4	368	3,112	89.4	2,663	76.5	265	2,398	817	103	714
Skilled crafts	125	0.4	104	21	16.8	100	80.0	84	16	25	20	5
Service and maintenance	1,523	4.6	1,025	498	32.7	1,080	70.9	754	326	443	271	172
Private not-for-profit 4-year, total	872,574	100.0	410,518	462,056	53.0	627,658	71.9	289,440	338,218	244,916	121,078	123,838
Professional staff	592,902	67.9	311,445	281,457	47.5	398,897	67.3	208,464	190,433	194,005	102,981	91,024
Executive/administrative/managerial	62,910	7.2	31,415	31,495	50.1	60,861	96.7	30,677	30,184	2,049	738	1,311
Faculty (instruction and research)	302,663	34.7	182,985	119,678	39.5	177,388	58.6	113,088	64,300	125,275	69,897	55,378
Instruction and research assistants	39,942	4.6	22,303	17,639	44.2	†	†	†	†	39,942	22,303	17,639
Non-faculty professionals	187,387	21.5	74,742	112,645	60.1	160,648	85.7	64,699	95,949	26,739	10,043	16,696
Nonprofessional staff	279,672	32.1	99,073	180,599	64.6	228,761	81.8	80,976	147,785	50,911	18,097	32,814
Technical and paraprofessionals	51,809	5.9	20,776	31,033	59.9	42,649	82.3	17,377	25,272	9,160	3,399	5,761
Clerical and secretarial	140,221	16.1	19,173	121,048	86.3	114,447	81.6	13,274	101,173	25,774	5,899	19,875
Skilled crafts	15,654	1.8	14,578	1,076	6.9	14,612	93.3	13,900	712	1,042	678	364
Service and maintenance	71,988	8.3	44,546	27,442	38.1	57,053	79.3	36,425	20,628	14,935	8,121	6,814

† Not applicable.

¹ Includes not-for-profit and for-profit private institutions.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Winter 2001-02. (This table was prepared July 2003.)

Table 228. Employees in degree-granting institutions, by race/ethnicity, primary occupation, sex, employment status, and control and type of institution: Fall 2001

Primary occupation, sex, employment status, and type and control of institution	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Race/ethnicity unknown
1	2	3	4	5	6	7	8	9
Total, all institutions	3,083,353	2,232,847	309,252	157,128	148,945	18,423	135,026	81,732
Professional staff	2,132,150	1,600,939	141,535	75,120	111,797	10,831	125,033	66,895
Executive/administrative/managerial	152,038	125,770	14,171	5,412	3,662	910	674	1,439
Faculty (instruction and research)	1,113,183	881,243	61,849	36,376	54,869	5,346	28,949	44,551
Instruction and research assistants	261,136	134,774	9,203	7,869	20,442	1,135	76,188	11,525
Non-faculty professionals	605,793	459,152	56,312	25,463	32,824	3,440	19,222	9,380
Nonprofessional staff	951,203	631,908	167,717	82,008	37,148	7,592	9,993	14,837
Men, total	1,451,773	1,051,988	117,746	68,967	76,269	8,082	84,720	44,001
Professional staff	1,105,053	826,070	57,743	36,080	61,866	5,150	80,231	37,913
Executive/administrative/managerial	79,348	67,150	6,132	2,589	1,909	427	399	742
Faculty (instruction and research)	644,514	509,616	29,831	20,147	35,447	2,852	19,885	26,736
Instruction and research assistants	142,120	67,555	3,611	3,813	11,638	514	48,757	6,232
Non-faculty professionals	239,071	181,749	18,169	9,531	12,872	1,357	11,190	4,203
Nonprofessional staff	346,720	225,918	60,003	32,887	14,403	2,932	4,489	6,088
Women, total	1,631,580	1,180,859	191,506	88,161	72,676	10,341	50,306	37,731
Professional staff	1,027,097	774,869	83,792	39,040	49,931	5,681	44,802	28,982
Executive/administrative/managerial	72,690	58,620	8,039	2,823	1,753	483	275	697
Faculty (instruction and research)	468,669	371,627	32,018	16,229	19,422	2,494	9,064	17,815
Instruction and research assistants	119,016	67,219	5,592	4,056	8,804	621	27,431	5,293
Non-faculty professionals	366,722	277,403	38,143	15,932	19,952	2,083	8,032	5,177
Nonprofessional staff	604,483	405,990	107,714	49,121	22,745	4,660	5,504	8,749
Full-time, total	2,043,208	1,520,204	236,129	112,274	99,844	12,930	42,644	19,183
Professional staff	1,283,684	1,014,658	94,916	46,028	70,717	6,745	37,553	13,067
Executive/administrative/managerial	146,523	121,369	13,720	5,231	3,541	876	634	1,152
Faculty (instruction and research)	617,868	499,557	31,681	18,514	38,026	2,775	20,755	6,560
Non-faculty professionals	519,293	393,732	49,515	22,283	29,150	3,094	16,164	5,355
Nonprofessional staff	759,524	505,546	141,213	66,246	29,127	6,185	5,091	6,116
Part-time, total	1,040,145	712,643	73,123	44,854	49,101	5,493	92,382	62,549
Professional staff	848,466	586,281	46,619	29,092	41,080	4,086	87,480	53,828
Executive/administrative/managerial	5,515	4,401	451	181	121	34	40	287
Faculty (instruction and research)	495,315	381,686	30,168	17,862	16,843	2,571	8,194	37,991
Instruction and research assistants	261,136	134,774	9,203	7,869	20,442	1,135	76,188	11,525
Non-faculty professionals	86,500	65,420	6,797	3,180	3,674	346	3,058	4,025
Nonprofessional staff	191,679	126,362	26,504	15,762	8,021	1,407	4,902	8,721
Public 4-year	1,558,576	1,102,022	153,297	76,737	89,834	10,342	97,978	28,366
Professional staff	1,069,161	775,811	66,408	35,904	69,445	5,911	93,596	22,086
Executive/administrative/managerial	60,245	49,255	6,207	2,148	1,471	346	248	570
Faculty (instruction and research)	438,459	345,636	21,660	12,833	29,045	2,262	19,153	7,870
Instruction and research assistants	218,260	115,345	7,576	6,384	17,156	985	62,683	8,131
Non-faculty professionals	352,197	265,575	30,965	14,539	21,773	2,318	11,512	5,515
Nonprofessional staff	489,415	326,211	86,889	40,833	20,389	4,431	4,382	6,280
Private 4-year	912,924	669,591	96,891	40,320	41,230	2,631	33,798	28,463
Professional staff	627,364	482,505	41,628	18,282	30,652	1,565	29,281	23,451
Executive/administrative/managerial	65,739	55,430	5,541	1,896	1,643	167	405	657
Faculty (instruction and research)	325,713	260,161	16,367	7,688	15,954	796	7,919	16,828
Instruction and research assistants	41,611	18,555	1,485	1,432	3,260	103	13,493	3,283
Non-faculty professionals	194,301	148,359	18,235	7,266	9,795	499	7,464	2,683
Nonprofessional staff	285,560	187,086	55,263	22,038	10,578	1,066	4,517	5,012
Public 2-year	578,394	435,674	55,916	38,085	16,889	5,001	3,180	23,649
Professional staff	408,792	321,570	31,089	19,601	10,956	3,103	2,102	20,371
Executive/administrative/managerial	22,566	18,191	2,172	1,231	462	353	16	141
Faculty (instruction and research)	332,665	262,453	22,443	15,154	9,398	2,173	1,844	19,200
Instruction and research assistants	1,215	832	140	51	25	47	11	109
Non-faculty professionals	52,346	40,094	6,334	3,165	1,071	530	231	921
Nonprofessional staff	169,602	114,104	24,827	18,484	5,933	1,898	1,078	3,278
Private 2-year	33,459	25,560	3,148	1,986	992	449	70	1,254
Professional staff	26,833	21,053	2,410	1,333	744	252	54	987
Executive/administrative/managerial	3,488	2,894	251	137	86	44	5	71
Faculty (instruction and research)	16,346	12,993	1,379	701	472	115	33	653
Instruction and research assistants	50	42	2	2	1	0	1	2
Non-faculty professionals	6,949	5,124	778	493	185	93	15	261
Nonprofessional staff	6,626	4,507	738	653	248	197	16	267

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Winter 2001-02. (This table was prepared September 2003.)

Table 229. Staff and student to staff ratios in degree-granting institutions, by control and type of institution and state or jurisdiction: Fall 2001

State or jurisdiction	Full-time-equivalent staff				Full-time-equivalent faculty				Full-time-equivalent students per FTE staff				Full-time-equivalent students per FTE faculty				Full-time-equivalent faculty as a percent of FTE staff			
	Public		Private		Public		Private		Public		Private		Public		Private		Public		Private	
	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
United States	1,273,528	386,766	749,144	27,036	356,046	183,535	232,029	11,426	4.1	8.9	3.9	8.6	14.6	18.8	12.5	20.4	28.0	47.5	31.0	42.3
Alabama	35,442	5,591	4,136	145	7,293	2,675	1,479	47	3.0	9.6	5.9	4.6	14.8	20.0	16.6	14.5	20.6	47.8	35.8	32.0
Alaska	4,240	185	274	†	1,421	46	93	†	3.9	2.4	3.2	†	11.7	9.7	9.5	†	33.5	24.7	34.1	†
Arizona	22,373	7,771	5,114	1,023	5,139	3,419	1,815	507	4.1	11.6	11.4	9.7	17.7	26.3	32.1	19.5	23.0	44.0	35.5	49.6
Arkansas	14,633	3,285	2,277	131	4,567	1,492	706	44	4.1	7.4	5.0	7.2	13.1	16.2	21.5	31.2	45.4	31.0	33.4	
California	148,851	55,514	59,615	4,039	37,039	31,942	19,080	1,521	3.4	13.6	4.4	8.4	13.5	23.7	13.6	22.4	24.9	57.5	32.0	37.7
Colorado	24,222	4,682	5,747	658	9,144	2,022	2,056	340	4.7	9.0	5.2	9.8	12.5	20.8	14.5	18.9	37.8	43.2	35.8	51.6
Connecticut	12,201	2,945	17,707	243	3,169	1,414	5,797	103	4.0	7.6	2.8	6.3	15.3	15.8	8.5	14.8	26.0	48.0	32.7	42.6
Delaware	4,892	1,206	892	24	1,232	517	389	11	4.4	5.8	8.1	2.8	17.5	13.6	18.6	6.0	25.2	42.9	43.6	47.5
District of Columbia	800	†	19,788	†	339	†	5,839	†	4.3	†	3.3	†	10.1	†	11.1	†	42.4	†	29.5	†
Florida	38,618	25,150	24,647	1,529	11,266	9,837	7,757	705	5.2	7.4	4.9	9.8	17.8	19.0	15.5	21.4	29.2	39.1	31.5	46.1
Georgia	35,466	10,522	18,026	507	9,528	4,973	6,077	220	4.0	7.4	3.7	7.6	15.0	15.7	10.8	17.6	26.9	47.3	33.7	43.3
Hawaii	4,743	1,682	1,715	87	2,155	994	794	40	3.7	9.2	7.1	14.8	8.1	15.5	15.3	32.4	45.4	59.1	46.3	45.7
Idaho	6,153	1,269	1,470	31	2,059	524	624	15	5.8	5.7	8.2	13.2	17.4	13.8	19.4	27.1	33.5	41.3	42.5	48.8
Illinois	47,207	18,653	50,537	734	11,360	8,191	14,695	234	3.5	10.1	3.3	6.0	14.6	23.0	11.5	18.9	24.1	43.9	29.1	31.9
Indiana	36,791	4,096	14,645	532	9,588	1,927	4,594	223	4.3	8.6	4.4	12.4	16.6	18.3	14.0	29.6	26.1	47.0	31.4	41.9
Iowa	18,402	5,669	8,422	169	4,297	2,232	2,913	65	3.4	8.3	5.4	9.1	14.7	21.1	15.6	23.7	23.4	39.4	34.6	38.4
Kansas	17,438	5,848	2,754	265	4,890	2,504	1,038	104	4.3	7.2	5.6	4.7	15.4	16.7	14.9	12.0	28.0	42.8	37.7	39.3
Kentucky	26,370	5,261	5,044	577	6,558	2,862	1,826	262	3.4	8.3	5.2	9.4	13.7	15.2	14.2	20.7	24.9	54.4	36.2	45.5
Louisiana	25,587	3,309	7,007	362	7,900	1,820	2,195	181	5.0	9.5	3.8	9.4	16.1	17.3	12.2	18.9	30.9	55.0	31.3	49.9
Maine	5,506	719	3,503	104	1,597	325	996	53	4.6	7.6	3.9	10.9	15.8	16.7	13.7	21.4	29.0	45.2	28.4	51.0
Maryland	24,813	9,979	14,308	204	8,045	4,356	4,527	99	4.0	6.1	2.5	8.1	12.4	14.1	8.1	16.8	32.4	43.7	31.6	48.4
Massachusetts	19,290	8,012	67,587	467	5,580	3,406	16,603	204	4.2	6.3	2.9	8.1	14.4	14.7	12.0	18.5	28.9	42.5	24.6	43.7
Michigan	52,833	11,865	11,661	168	16,527	5,432	4,330	65	4.4	9.1	6.8	8.5	14.0	19.8	18.3	21.8	31.3	45.8	37.1	38.8
Minnesota	23,975	7,044	11,669	633	6,175	3,836	4,410	305	4.1	9.7	5.4	8.2	16.1	17.8	14.4	16.9	25.8	54.5	37.8	48.2
Mississippi	19,163	5,453	1,715	243	3,859	2,540	560	113	3.0	9.1	8.4	3.8	15.0	19.5	25.6	8.2	20.1	46.6	32.6	46.4
Missouri	26,489	5,666	24,249	994	7,680	2,627	7,675	454	3.8	8.8	3.4	8.4	13.1	19.1	10.7	18.3	29.0	46.4	31.6	45.7
Montana	5,670	686	728	106	1,804	311	268	26	5.1	7.3	5.4	5.1	15.9	16.0	14.7	20.7	31.8	45.3	36.9	24.8
Nebraska	12,632	2,890	4,657	276	3,647	1,323	1,606	97	3.6	7.4	4.1	7.5	12.4	16.2	12.0	21.2	28.9	45.8	34.5	35.2
Nevada	5,970	2,216	301	234	1,919	1,100	142	103	5.1	9.7	10.2	12.7	15.7	19.6	21.6	29.0	32.2	49.7	47.3	44.0
New Hampshire	4,075	1,171	6,707	119	1,192	722	1,687	47	5.3	5.1	3.3	10.1	18.1	8.2	13.1	25.8	29.9	61.6	25.1	39.2
New Jersey	31,229	8,606	12,893	56	8,636	3,702	3,879	31	3.7	9.7	4.3	24.5	13.2	22.5	14.2	44.0	27.7	43.0	30.1	55.7
New Mexico	13,875	4,821	867	99	3,010	1,859	406	64	2.9	6.4	8.2	10.0	13.5	16.5	17.5	15.5	21.7	38.6	46.9	64.6
New York	49,808	20,312	107,666	2,554	17,944	9,080	34,860	1,156	5.5	8.3	3.5	8.9	15.4	18.5	10.9	19.8	36.0	44.7	32.4	45.2
North Carolina	36,836	18,002	35,090	212	9,706	9,891	8,072	80	4.0	6.1	1.9	6.9	15.1	11.1	8.5	18.2	36.3	54.9	32.0	37.8
North Dakota	5,529	1,026	488	232	1,798	421	224	50	4.8	6.7	7.7	1.4	14.6	16.3	16.8	6.5	32.5	41.0	45.8	21.6
Ohio	55,447	11,559	24,822	1,033	14,018	5,564	8,606	463	4.0	8.6	4.4	11.4	15.8	18.0	12.8	25.5	25.3	48.1	34.7	44.8
Oklahoma	19,787	4,618	4,297	123	5,484	1,762	1,496	46	4.3	8.1	5.3	8.4	15.6	21.2	15.2	22.5	27.7	38.1	34.8	37.6
Oregon	19,660	8,246	5,036	140	5,783	3,369	1,953	52	3.3	5.9	4.8	9.3	11.1	14.5	12.5	25.1	29.4	40.9	38.8	37.2
Pennsylvania	49,047	8,298	57,866	3,481	17,286	4,400	18,529	1,367	4.4	7.7	3.6	7.9	12.5	14.6	11.2	20.2	35.2	53.0	32.0	39.3
Rhode Island	3,451	693	8,609	†	1,052	286	2,301	†	5.3	13.1	4.0	†	17.3	31.7	14.9	†	30.5	41.3	26.7	†
South Carolina	18,349	5,860	4,826	175	5,799	2,715	1,618	57	4.1	7.3	5.8	8.7	13.0	15.8	17.4	27.0	31.6	46.3	33.5	32.4
South Dakota	4,333	539	1,055	30	1,478	275	370	18	5.8	8.4	6.1	5.5	17.0	16.4	17.5	9.0	34.1	51.1	35.1	60.5
Tennessee	22,160	5,298	22,742	696	6,364	2,377	5,350	285	4.6	9.2	2.3	7.6	15.9	20.5	10.0	28.7	44.9	23.5	41.0	
Texas	90,485	34,334	25,440	1,481	23,243	15,089	7,940	636	4.1	8.3	4.1	9.4	16.0	18.8	13.1	21.8	25.7	43.9	31.2	42.9
Utah	14,076	2,306	4,964	220	4,342	887	1,691	107	5.5	8.0	7.3	12.9	17.9	20.8	21.4	26.5	30.8	38.5	34.1	48.7
Vermont	4,126	354	3,687	373	1,316	225	1,070	151	3.3	5.7	3.7	1.3	10.5	9.0	12.7	3.1	31.9	63.5	29.0	40.4
Virginia	40,262	7,007	12,383	650	11,379	3,876	3,933	324	3.8	11.1	4.0	8.4	13.3	20.1	12.6	16.9	28.3	55.3	31.8	49.9
Washington	27,449	12,218	6,213	328	7,265	5,281	2,387	156	3.2	9.5	5.8	9.9	12.0	22.0	15.1	20.7	26.5	43.2	38.4	47.7
West Virginia	10,383	520	2,195	135	3,839	220	734	56	5.7	8.4	4.1	21.2	15.5	19.8	12.4	50.9	37.0	42.4	33.5	41.6
Wisconsin	27,761	12,096	11,102	146	7,875	6,115	4,038	57	4.8	5.0	4.2	5.3	16.8	10.0	11.5	13.5	28.4	50.6	36.4	38.9
Wyoming	2,684	1,715	†	270	867	772	†	81	3.8	6.2	†	5.7	11.6	13.8	†	19.0	32.3	45.0	†	30.1
U.S. Service Schools	1,947	†	†	†	593	†	†	†	7.5	†	†	†	24.6	†	†	†	30.4	†	†	†
Outlying areas	13,237	1,556	8,427	531	4,460	655	3,451	256	5.0	4.8	9.9	16.7	14.9	11.4	24.2	34.6	33.7	42.1	40.9	48.1
American Samoa	†	218</																		

Table 230. Full-time and part-time senior instructional faculty in degree-granting institutions, by employment status and control and type of institution: Fall 1970 to fall 2001

[In thousands]

Year	Total	Employment status ¹			Control				Type	
		Full-time	Part-time	Percent full-time	Public	Private			4-year	2-year
						Total	Not-for-profit	For-profit		
1	2	3	4	5	6	7	8	9	10	11
1970	474	369	104	77.9	314	160	—	—	382	92
1971 ²	492	379	113	77.0	333	159	—	—	387	105
1972	500	380	120	76.0	343	157	—	—	384	116
1973 ²	527	389	138	73.8	365	162	—	—	401	126
1974 ²	567	406	161	71.6	397	170	—	—	427	140
1975 ²	628	440	188	70.1	443	185	—	—	467	161
1976	633	434	199	68.6	449	184	—	—	467	166
1977	678	448	230	66.1	492	186	—	—	485	193
1979 ²	675	445	230	65.9	488	187	—	—	494	182
1980 ²	686	450	236	65.6	495	191	—	—	494	192
1981	705	461	244	65.4	509	196	—	—	493	212
1982 ²	710	462	248	65.1	506	204	—	—	493	217
1983	724	471	254	65.0	512	212	—	—	504	220
1984 ²	717	462	255	64.4	505	212	—	—	504	213
1985 ²	715	459	256	64.2	503	212	—	—	504	211
1986 ²	722	459	263	63.6	510	212	—	—	506	216
1987 ³	793	523	270	66.0	553	240	—	—	548	246
1989 ³	824	524	300	63.6	577	247	—	—	584	241
1991 ³	826	536	291	64.8	581	245	—	—	591	235
1993 ³	915	546	370	59.6	650	265	254	11	626	290
1995 ³	932	551	381	59.1	657	275	261	14	647	285
1997 ^{3,4}	990	569	421	57.5	695	295	271	24	683	307
1999 ^{3,4}	1,028	591	437	57.5	713	315	285	30	714	314
2001 ^{3,4}	1,113	618	495	55.5	771	342	306	36	764	349

—Not available.

¹ Includes faculty members with the title of professor, associate professor, assistant professor, instructor, lecturer, assisting professor, adjunct professor, or interim professor (or the equivalent). Excluded are graduate students with titles such as graduate or teaching fellow who assist senior faculty.

² Estimated on the basis of enrollment.

³ Because of revised survey methods, data are not directly comparable with figures for years prior to 1987.

⁴ Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: Data exclude faculty employed by system offices. Data for 1970 through 1995 are for 4-year and 2-year institutions that were accredited by an agency or organization

that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. For methodological details on estimates, see National Center for Education Statistics, Projections of Education Statistics to 2000. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Employees in Institutions of Higher Education, various years; Projections of Education Statistics to 2000; Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" 1985 through 1999 surveys, and Winter 2001–02; and U.S. Equal Employment Opportunity Commission, Higher Education Staff Information (EEO-6) Survey, 1977, 1981, and 1983. (This table was prepared September 2003.)

Table 231. Full-time instructional faculty in degree-granting institutions, by race/ethnicity, academic rank, and sex: Fall 2001

Academic rank and sex	Total	White, non-Hispanic	Minority		Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaska Native	Non-resident alien	Race/ethnicity unknown
			Number	Percent ¹						
1	2	3	4	5	6	7	8	9	10	11
Men and women, all ranks	617,868	499,557	90,996	14.9	31,681	18,514	38,026	2,775	20,755	6,560
Professors	163,466	142,597	17,999	11.1	5,030	3,120	9,357	492	1,340	1,530
Associate professors	129,698	107,828	19,188	14.9	6,826	3,498	8,399	465	1,879	803
Assistant professors	145,478	109,840	25,647	17.8	9,027	4,791	11,218	611	8,351	1,640
Instructors	92,781	74,083	15,833	17.3	6,519	4,547	3,993	774	1,553	1,312
Lecturers	18,965	15,043	2,775	14.8	1,052	788	868	67	901	246
Other faculty	67,480	50,166	9,554	14.4	3,227	1,770	4,191	366	6,731	1,029
Men, all ranks	380,485	307,863	54,089	14.4	15,851	10,643	26,037	1,558	14,864	3,669
Professors	126,415	110,664	13,846	11.0	3,275	2,292	7,913	366	1,177	728
Associate professors	81,924	67,568	12,334	15.2	3,765	2,167	6,139	263	1,485	537
Assistant professors	80,320	59,251	14,066	17.7	4,101	2,589	7,078	298	6,040	963
Instructors	45,812	36,634	7,534	16.7	2,788	2,316	2,007	423	928	716
Lecturers	8,859	7,006	1,220	14.0	501	322	368	29	499	134
Other faculty	37,155	26,740	5,089	13.9	1,421	957	2,532	179	4,735	591
Women, all ranks	237,383	191,694	36,907	15.7	15,830	7,871	11,989	1,217	5,891	2,891
Professors	37,051	31,933	4,153	11.5	1,755	828	1,444	126	163	802
Associate professors	47,774	40,260	6,854	14.4	3,061	1,331	2,260	202	394	266
Assistant professors	65,158	50,589	11,581	18.0	4,926	2,202	4,140	313	2,311	677
Instructors	46,969	37,449	8,299	17.9	3,731	2,231	1,986	351	625	596
Lecturers	10,106	8,037	1,555	15.6	551	466	500	38	402	112
Other faculty	30,325	23,426	4,465	14.9	1,806	813	1,659	187	1,996	438

¹ Minority faculty as a percent of total faculty, excluding race unknown faculty (column 11).

NOTE: Data exclude faculty employed by system offices. Totals may differ from figures reported in other tables because of varying survey methodologies.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Winter 2001–02. (This table was prepared September 2003).

Table 232. Full-time instructional faculty and staff in degree-granting institutions, by type and control of institution and selected instruction activities: Fall 1998

Instruction activity	All institutions	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11
Number of full-time instructional faculty and staff (in thousands)	560 (4.8)	138 (2.3)	39 (1.7)	58 (1.6)	21 (0.6)	83 (1.9)	38 (1.1)	48 (1.3)	102 (1.7)	35 (1.5)
Percentage distribution	100.0 (†)	24.5 (0.4)	7.0 (0.3)	10.4 (0.3)	3.7 (0.1)	14.8 (0.3)	6.7 (0.2)	8.5 (0.2)	18.3 (0.3)	6.2 (0.3)
Hours worked per week										
Average hours worked per week	53.3 (0.2)	55.8 (0.3)	55.4 (0.8)	56.0 (0.6)	53.7 (0.7)	52.4 (0.4)	51.7 (0.7)	53.8 (0.5)	49.1 (0.4)	52.6 (0.8)
Paid activities within institution	45.9 (0.2)	49.5 (0.3)	48.5 (0.8)	48.5 (0.8)	45.9 (0.7)	45.1 (0.4)	43.5 (0.6)	46.6 (0.5)	40.4 (0.3)	43.8 (0.6)
Unpaid activities within institution	3.2 (0.1)	2.2 (0.2)	2.4 (0.3)	2.7 (0.2)	3.0 (0.3)	3.4 (0.2)	2.7 (0.2)	3.5 (0.3)	4.6 (0.2)	3.5 (0.4)
Unpaid activities outside institution	2.6 (0.1)	2.4 (0.2)	2.8 (0.3)	2.8 (0.5)	3.3 (0.3)	2.2 (0.2)	3.6 (0.4)	2.4 (0.2)	2.7 (0.2)	3.4 (0.4)
Unpaid activities outside institution	1.7 (0.0)	1.6 (0.1)	1.7 (0.2)	1.9 (0.3)	1.5 (0.1)	1.8 (0.1)	1.8 (0.2)	1.3 (0.1)	1.4 (0.1)	2.0 (0.2)
Work time distribution (percent)										
Total	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Teaching	56.6 (0.3)	45.9 (0.7)	41.9 (1.2)	47.4 (1.1)	46.1 (1.6)	63.1 (0.8)	61.2 (1.2)	65.4 (1.1)	71.9 (0.6)	60.0 (1.8)
Research/scholarship	15.2 (0.2)	25.9 (0.6)	29.1 (1.2)	19.4 (0.8)	19.9 (1.1)	11.0 (0.4)	8.6 (0.5)	8.1 (0.5)	3.8 (0.2)	7.4 (0.5)
Professional growth	4.5 (0.1)	3.5 (0.2)	3.4 (0.3)	3.8 (0.2)	4.5 (0.5)	4.5 (0.2)	4.7 (0.3)	4.2 (0.2)	6.3 (0.2)	5.3 (0.4)
Administration	13.9 (0.2)	13.1 (0.4)	13.7 (0.7)	15.2 (0.8)	14.8 (1.8)	12.8 (0.6)	16.8 (1.1)	15.5 (0.9)	11.5 (0.4)	18.9 (1.7)
Outside consulting	3.3 (0.1)	3.0 (0.2)	3.0 (0.3)	3.1 (0.3)	4.1 (0.5)	3.0 (0.2)	4.9 (0.7)	3.1 (0.5)	3.5 (0.3)	3.8 (0.4)
Service/non-teaching	6.5 (0.2)	8.6 (0.4)	8.8 (0.9)	11.1 (0.9)	10.7 (1.1)	5.5 (0.3)	3.9 (0.3)	3.8 (0.3)	3.2 (0.2)	4.5 (0.4)
Preferred work time distribution (percent)										
Total	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Teaching	52.3 (0.3)	42.3 (0.6)	38.1 (1.1)	44.0 (0.9)	42.4 (1.4)	57.0 (0.7)	55.4 (1.1)	59.7 (0.8)	68.6 (0.6)	54.5 (1.7)
Research/scholarship	21.9 (0.3)	32.8 (0.6)	37.1 (1.2)	27.3 (0.8)	26.5 (1.1)	18.8 (0.5)	15.0 (0.6)	15.9 (0.7)	7.3 (0.3)	16.4 (1.5)
Professional growth	7.6 (0.1)	6.5 (0.3)	6.2 (0.4)	6.6 (0.2)	6.8 (0.4)	7.7 (0.3)	8.3 (0.4)	7.8 (0.3)	9.3 (0.3)	8.9 (0.5)
Administration	8.3 (0.2)	7.2 (0.3)	7.7 (0.6)	8.7 (0.5)	9.8 (1.4)	7.5 (0.4)	11.0 (0.9)	9.5 (0.7)	7.4 (0.4)	11.8 (1.4)
Outside consulting	3.8 (0.1)	3.5 (0.2)	3.3 (0.7)	3.7 (0.3)	4.6 (0.5)	3.8 (0.3)	5.9 (0.9)	3.3 (0.4)	3.8 (0.3)	3.8 (0.3)
Service/non-teaching	6.1 (0.1)	7.7 (0.4)	7.5 (0.7)	9.7 (0.6)	9.8 (0.9)	5.2 (0.3)	4.4 (0.3)	3.8 (0.2)	3.6 (0.2)	4.6 (0.4)
Distribution of hours taught per week (percent)										
Total hours taught per week	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 4.0	22.2 (0.5)	36.3 (1.2)	42.5 (2.7)	28.6 (1.8)	34.0 (2.8)	11.9 (1.0)	13.4 (2.1)	8.2 (1.0)	9.5 (0.7)	17.3 (2.7)
4.0 to 5.9	6.8 (0.4)	10.7 (0.8)	13.9 (3.0)	7.0 (1.0)	9.4 (1.4)	4.8 (0.7)	3.9 (0.7)	5.1 (1.0)	2.4 (0.4)	4.4 (0.9)
6.0 to 7.9	14.4 (0.4)	21.8 (1.1)	19.9 (2.1)	18.6 (1.5)	15.7 (1.7)	11.1 (0.9)	13.0 (1.5)	12.8 (1.4)	4.8 (0.6)	10.7 (1.9)
8.0 to 9.9	13.9 (0.4)	11.9 (0.9)	7.6 (1.3)	18.2 (1.8)	17.3 (1.8)	19.0 (1.2)	22.2 (1.8)	20.3 (1.8)	4.8 (0.6)	16.3 (2.5)
10.0 to 14.9	21.4 (0.5)	11.5 (0.9)	10.7 (1.4)	15.7 (1.5)	11.5 (1.6)	35.3 (1.6)	29.8 (1.9)	34.8 (2.1)	21.4 (1.1)	27.6 (2.3)
15.0 or more	21.4 (0.5)	7.9 (0.7)	5.4 (1.0)	12.0 (1.2)	12.2 (1.6)	18.0 (1.2)	17.7 (1.6)	18.7 (1.7)	57.1 (1.3)	23.6 (2.7)
Distribution of number of students taught (percent)										
Total students taught	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 25	21.1 (0.5)	33.1 (1.2)	37.8 (2.6)	27.4 (1.8)	36.3 (2.8)	10.7 (0.9)	14.8 (2.1)	12.0 (1.3)	9.3 (0.7)	14.7 (2.4)
25 to 49	17.0 (0.5)	19.2 (1.1)	19.5 (2.0)	16.4 (1.3)	15.6 (1.7)	15.4 (1.1)	18.6 (1.6)	22.2 (1.7)	12.1 (0.8)	16.6 (2.4)
50 to 74	17.7 (0.5)	14.2 (0.9)	10.3 (1.5)	16.4 (1.7)	16.9 (1.7)	20.8 (1.5)	24.3 (1.9)	26.2 (2.1)	15.8 (1.0)	23.1 (2.5)
75 to 99	14.4 (0.4)	9.1 (0.8)	8.1 (1.5)	10.8 (1.2)	10.8 (1.4)	17.9 (1.2)	20.8 (1.7)	19.1 (1.7)	18.3 (1.1)	17.3 (2.5)
100 to 149	16.9 (0.4)	10.6 (0.7)	11.1 (1.7)	12.4 (1.2)	9.9 (1.5)	23.7 (1.3)	16.0 (1.4)	14.9 (1.6)	27.6 (1.2)	15.6 (1.8)
150 or more	12.9 (0.4)	13.9 (0.9)	13.2 (2.8)	16.9 (1.6)	10.5 (1.5)	11.5 (0.9)	5.6 (1.0)	5.6 (0.8)	16.9 (1.0)	12.7 (1.9)
Distribution of student classroom contact hours per week (percent) ¹										
Total contact hours	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 50	17.7 (0.5)	29.0 (1.2)	36.2 (2.6)	23.2 (1.6)	33.1 (2.8)	8.2 (0.8)	9.5 (1.5)	8.0 (1.1)	7.0 (0.7)	10.8 (1.5)
50 to 99	9.0 (0.4)	11.9 (0.9)	12.3 (1.6)	10.3 (1.2)	9.2 (1.3)	6.9 (0.8)	10.7 (1.9)	9.2 (1.0)	4.0 (0.5)	9.1 (2.3)
100 to 199	20.1 (0.5)	20.6 (1.1)	19.7 (2.0)	20.8 (1.6)	20.3 (1.9)	22.1 (1.5)	26.4 (2.0)	26.9 (1.8)	11.7 (0.9)	21.9 (2.3)
200 to 349	26.2 (0.6)	18.4 (1.0)	14.5 (1.9)	21.7 (1.8)	21.5 (2.0)	32.4 (1.5)	34.4 (2.0)	39.5 (2.2)	27.8 (1.2)	33.5 (3.1)
350 to 499	13.2 (0.4)	8.6 (0.7)	5.3 (0.9)	10.1 (1.2)	7.3 (1.2)	18.4 (1.2)	11.8 (1.3)	10.5 (1.3)	24.0 (1.2)	9.9 (1.2)
500 or more	13.7 (0.5)	11.5 (0.9)	11.9 (2.8)	14.0 (1.5)	8.6 (1.4)	12.0 (0.9)	7.1 (1.2)	5.8 (0.8)	25.5 (1.2)	14.9 (2.0)
Distribution of total classroom credit hours (percent)										
Total credit hours	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 4.0	23.7 (0.6)	35.4 (1.4)	40.2 (2.9)	29.1 (2.0)	31.1 (3.6)	12.8 (1.1)	15.1 (2.5)	12.4 (1.5)	12.7 (1.0)	19.7 (3.2)
4.0 to 5.9	7.0 (0.3)	9.8 (0.6)	10.1 (1.6)	5.9 (1.0)	9.1 (1.4)	3.8 (0.6)	6.5 (1.4)	6.8 (1.2)	3.6 (0.5)	8.7 (2.9)
6.0 to 7.9	17.1 (0.5)	24.7 (1.3)	20.2 (2.4)	21.2 (1.7)	20.0 (1.8)	13.4 (1.0)	13.1 (1.5)	13.2 (1.6)	7.9 (0.9)	14.2 (2.1)
8.0 to 9.9	17.1 (0.6)	12.6 (0.9)	13.9 (3.3)	21.2 (2.1)	19.6 (1.9)	24.8 (1.9)	23.6 (1.9)	18.8 (1.8)	11.5 (1.1)	16.7 (1.9)
10.0 to 14.9	24.7 (0.6)	12.2 (0.9)	9.2 (1.2)	15.1 (1.5)	10.6 (1.4)	37.7 (1.8)	34.8 (2.0)	41.0 (2.8)	34.9 (1.6)	30.5 (2.9)
15.0 or more	10.4 (0.4)	5.4 (0.6)	6.4 (0.9)	7.6 (1.0)	9.6 (1.6)	7.6 (0.7)	7.0 (1.2)	7.8 (1.0)	29.4 (1.5)	10.3 (1.5)
Number of classes taught for credit										
Faculty with undergraduate classes only (percent)										
Total undergraduate credit courses	100.0 (†)(†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
1	12.8 (0.6)	26.9 (1.7)	27.5 (4.0)	18.0 (2.2)	15.1 (3.3)	8.4 (1.1)	11.2 (2.5)	7.6 (1.2)	6.8 (0.7)	15.8 (4.5)
2	19.5 (0.6)	37.2 (2.0)	42.0 (4.5)	27.8 (2.8)	30.2 (3.7)	17.5 (1.6)	15.6 (1.7)	18.6 (1.7)	9.3 (0.8)	11.1 (1.7)
3	22.1 (0.7)	18.6 (1.8)	14.9 (3.6)	29.9 (2.9)	32.5 (3.8)	30.7 (2.2)	31.0 (2.6)	28.7 (2.0)	12.7 (0.9)	18.8 (2.3)
4	20.1 (0.6)	8.8 (1.2)	5.4 (1.5)	14.2 (2.2)	13.6 (3.2)	28.8 (1.7)	24.5 (2.1)	25.3 (2.3)	19.6 (1.1)	28.1 (2.9)
5 or more	25.4 (0.6)	8.6 (1.0)	10.3 (2.3)	10.1 (1.4)	8.6 (2.2)	14.6 (1.2)	17.7 (2.1)	19.8 (1.7)	51.6 (1.4)	26.2 (3.4)
Faculty with graduate classes only (percent)										
Total graduate credit courses	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	† (†)	100.0 (†)
1	41.2 (1.7)	48.0 (2.7)	49.5 (5.8)	33.8 (3.7)	40.2 (4.3)	30.4 (4.6)	29.3 (6.1)	22.5 (7.7)	† (†)	30.7 (6.9)
2	30.1 (1.7)	27.8 (2.4)	35.4 (6.6)	31.4 (4.2)	32.9 (3.9)	24.1 (3.9)	36.7 (5.6)	45.4 (12.3)	† (†)	23.6 (4.6)
3	14.3 (1.3)	12.5 (2.1)	6.6 (1.6)	18.1 (4.7)	11.0 (2.6)	23.3 (4.2)	17.6 (4.4)	21.3 (7.8)	† (†)	22.3 (4.6)
4	5.8 (0.8)	4.1 (0.8)	2.5 (0.9)	4.4 (1.3)	4.4 (1.6)	11.2 (3.0)	14.1 (4.0)	1.9 (1.9)	† (†)	14.6 (6.3)
5 or more	8.6 (0.8)	7.7 (1.1)	6.0 (1.6)	12.3 (3.3)	11.4 (2.6)	11.1 (2.7)	2.3 (1.7)	8.9 (4.8)	† (†)	9.0 (2.6)
Faculty with both undergraduate and graduate classes (percent)										
Total undergraduate and graduate courses	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	† (†)	100.0 (†)
2	35.7 (1.6)	53.0 (2.9)	56.2 (5.9)	35.9 (4.2)	27.3 (4.8)	16.8 (2.2)	18.3 (4.1)	2.9 (1.7)	† (†)	18.7 (9.2)
3	31.0 (1.5)	26.0 (2.7)	18.6 (3.8)	35.6 (4.1)	42.4 (5.1)	36.3 (2.9)	30.0 (4.6)	50.9 (9.4)	† (†)	24.9 (9.2)
4	15.0 (1.0)	7.7 (1.3)	5.5 (2.1)	10.1 (2.1)	12.7 (3.7)	26.3 (2.5)	28.9 (4.4)	31.4 (7.4)	† (†)	17.4 (5.8)
5 or more	18.3 (1.2)	13.2 (1.7)	19.7 (4.0)	18.4 (3.1)	17.6 (4.1)	20.6 (2.7)	22.8 (4.7)	14.9 (4.9)	† (†)	38.9 (10.1)

† Not applicable.

¹ Distribution of student classroom contact hours per week is based on the number of contact hours that faculty and instructional staff spend each week with students during classroom instruction multiplied by the number of students taught.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999 National Study of Postsecondary Faculty (NSOPF-99). (This table was prepared September 2001.)

Table 233. Part-time instructional faculty and staff in degree-granting institutions, by type and control of institution and selected instruction activities: Fall 1998

Instruction activity	All institutions	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11
Number of part-time instructional faculty and staff (in thousands)	416 (5.9)	36 (1.5)	15 (1.5)	26 (1.6)	18 (0.5)	48 (2.1)	37 (1.4)	33 (2.1)	170 (3.9)	34 (1.5)
Percentage distribution	100.0 (†)	8.6 (0.4)	3.6 (0.4)	6.1 (0.4)	4.3 (0.1)	11.6 (0.5)	8.8 (0.3)	7.9 (0.5)	40.9 (0.9)	8.1 (0.4)
Hours worked per week										
Average hours worked per week	36.9 (0.5)	39.6 (1.4)	38.9 (3.2)	38.9 (1.9)	39.9 (1.5)	39.0 (1.2)	34.5 (1.3)	37.5 (1.8)	35.5 (0.8)	37.0 (1.5)
Paid activities within institution	14.2 (0.2)	18.4 (0.8)	15.4 (1.5)	15.5 (1.2)	12.7 (0.8)	15.0 (0.6)	14.1 (0.7)	15.8 (0.9)	13.1 (0.4)	12.7 (0.6)
Unpaid activities within institution	2.8 (0.2)	2.8 (0.4)	3.0 (0.9)	3.0 (0.7)	2.5 (0.3)	3.5 (1.0)	1.6 (0.2)	2.6 (0.4)	3.0 (0.2)	2.0 (0.3)
Outside paid activities	18.2 (0.4)	16.4 (1.3)	18.2 (2.8)	18.8 (2.2)	22.9 (1.4)	18.7 (1.2)	17.4 (1.2)	16.9 (1.5)	17.8 (0.7)	20.6 (1.4)
Unpaid activities outside institution	1.7 (0.1)	2.0 (0.4)	2.3 (0.6)	1.6 (0.2)	1.9 (0.3)	1.7 (0.2)	1.4 (0.2)	2.2 (0.4)	1.5 (0.1)	1.8 (0.2)
Work time distribution (percent)										
Total	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Teaching	61.7 (0.7)	57.8 (2.2)	44.0 (3.4)	52.3 (3.4)	50.4 (2.3)	62.7 (2.0)	64.8 (2.1)	62.6 (2.6)	66.4 (1.1)	57.3 (2.2)
Research/scholarship	4.8 (0.2)	9.2 (1.1)	8.7 (1.6)	6.8 (1.0)	8.6 (1.1)	5.4 (0.6)	5.1 (0.7)	4.6 (1.0)	2.9 (0.2)	3.7 (0.5)
Professional growth	5.6 (0.2)	5.9 (0.7)	3.6 (0.8)	4.9 (0.6)	5.6 (0.6)	5.9 (0.6)	4.4 (0.5)	6.5 (0.8)	5.9 (0.4)	5.8 (1.0)
Administration	3.6 (0.2)	3.9 (0.6)	5.3 (2.5)	4.8 (0.8)	4.1 (0.6)	2.4 (0.3)	3.4 (0.5)	4.5 (0.9)	3.4 (0.4)	3.9 (0.7)
Outside consulting	19.1 (0.6)	16.4 (1.8)	33.2 (4.7)	17.9 (3.6)	21.4 (2.3)	18.8 (1.7)	18.6 (1.7)	16.2 (1.9)	17.9 (1.0)	24.6 (2.2)
Service/non-teaching	5.1 (0.3)	6.8 (1.2)	5.2 (1.5)	13.3 (2.8)	9.8 (1.4)	4.7 (0.7)	3.7 (0.6)	5.6 (0.8)	3.5 (0.5)	4.8 (1.1)
Preferred work time distribution (percent)										
Total	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Teaching	61.1 (0.7)	55.3 (2.0)	43.9 (3.5)	51.0 (3.1)	52.6 (2.1)	61.7 (1.8)	63.7 (2.0)	62.1 (2.3)	66.4 (1.1)	55.4 (2.1)
Research/scholarship	8.1 (0.3)	15.0 (1.3)	13.0 (1.8)	10.5 (1.1)	11.5 (1.2)	8.4 (0.7)	8.3 (0.8)	8.4 (1.1)	5.4 (0.3)	7.7 (0.8)
Professional growth	7.9 (0.3)	7.8 (0.7)	5.6 (0.9)	7.6 (0.7)	6.8 (0.6)	8.2 (0.7)	6.2 (0.6)	8.4 (1.0)	8.4 (0.6)	8.2 (1.0)
Administration	2.7 (0.2)	2.6 (0.4)	2.2 (0.6)	3.2 (0.6)	2.9 (0.5)	2.1 (0.3)	2.9 (0.5)	3.7 (0.6)	2.5 (0.3)	2.6 (0.4)
Outside consulting	15.0 (0.6)	13.2 (1.5)	29.8 (4.8)	15.4 (3.5)	16.4 (1.8)	14.4 (1.5)	15.2 (1.5)	12.1 (1.4)	13.7 (0.9)	19.9 (2.1)
Service/non-teaching	5.2 (0.3)	6.1 (1.1)	5.6 (1.5)	12.5 (2.8)	9.8 (1.4)	5.2 (0.8)	3.7 (0.5)	5.3 (0.9)	3.5 (0.5)	6.3 (1.4)
Distribution of hours taught per week (percent)										
Total hours taught per week	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 4.0	37.2 (1.0)	47.3 (3.2)	56.3 (6.5)	49.5 (4.4)	53.7 (3.3)	45.0 (2.9)	36.0 (2.9)	33.4 (3.6)	29.1 (1.5)	35.2 (3.2)
4.0 to 5.9	12.5 (0.7)	12.0 (2.2)	12.5 (6.2)	8.0 (1.7)	14.5 (2.3)	11.3 (1.6)	16.3 (2.7)	15.4 (3.0)	12.2 (1.0)	11.3 (1.7)
6.0 to 7.9	17.8 (0.8)	19.6 (2.5)	8.3 (2.1)	17.3 (3.0)	13.0 (2.1)	16.8 (1.9)	16.0 (2.5)	22.6 (4.3)	18.3 (1.2)	19.6 (3.2)
8.0 to 9.9	12.3 (0.7)	6.9 (1.2)	8.6 (3.2)	11.5 (2.6)	8.0 (1.7)	11.0 (1.7)	14.6 (2.4)	14.4 (2.6)	13.8 (1.3)	12.2 (2.7)
10.0 to 14.9	11.1 (0.6)	9.2 (1.7)	7.5 (3.2)	6.8 (1.6)	5.5 (1.5)	9.2 (1.5)	9.8 (1.8)	7.5 (1.5)	14.1 (1.1)	14.0 (2.3)
15.0 or more	9.0 (0.6)	5.1 (1.0)	6.9 (3.2)	6.9 (1.7)	5.2 (1.4)	6.6 (2.6)	7.3 (1.3)	6.6 (1.9)	12.4 (1.0)	7.7 (1.5)
Distribution of number of students taught (percent)										
Total students taught	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 25	39.5 (1.0)	39.0 (3.2)	55.1 (6.2)	45.8 (4.4)	51.6 (3.3)	29.3 (2.5)	43.3 (3.2)	41.1 (4.0)	38.2 (1.6)	37.8 (3.2)
25 to 49	28.6 (0.9)	26.3 (2.9)	19.4 (4.4)	20.4 (3.2)	26.5 (2.9)	33.5 (2.7)	31.4 (3.1)	31.9 (4.2)	29.3 (1.5)	25.7 (2.7)
50 to 74	14.6 (0.7)	14.9 (2.1)	12.8 (4.2)	12.6 (2.7)	11.4 (2.0)	15.5 (1.8)	13.6 (1.9)	13.8 (2.6)	15.7 (1.1)	13.0 (2.5)
75 to 99	7.2 (0.5)	6.4 (1.1)	3.1 (1.2)	6.6 (1.5)	5.0 (1.4)	10.5 (2.7)	5.7 (1.1)	5.5 (1.3)	7.5 (0.8)	8.5 (2.0)
100 to 149	6.4 (0.5)	6.7 (1.1)	3.6 (1.6)	6.7 (2.0)	2.9 (1.0)	7.2 (1.6)	4.2 (1.2)	6.1 (2.3)	6.5 (0.7)	9.4 (2.4)
150 or more	3.7 (0.4)	6.7 (1.5)	6.0 (3.1)	7.9 (2.2)	2.6 (1.1)	4.0 (1.1)	1.8 (0.6)	1.6 (0.6)	2.8 (0.4)	5.5 (2.5)
Distribution of student classroom contact hours per week (percent) ¹										
Total contact hours	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 50	26.8 (0.9)	32.3 (3.2)	50.1 (6.4)	39.2 (4.4)	44.8 (3.3)	18.1 (2.1)	27.9 (2.6)	32.8 (3.9)	21.2 (1.4)	25.9 (2.8)
50 to 99	21.0 (0.8)	16.9 (2.4)	12.6 (3.5)	16.5 (3.1)	18.9 (2.5)	28.4 (2.6)	24.3 (2.9)	20.3 (2.5)	20.7 (1.3)	21.9 (2.6)
100 to 199	27.2 (0.9)	24.1 (2.7)	19.6 (4.9)	20.1 (2.8)	22.4 (2.7)	26.6 (2.3)	30.4 (3.1)	28.3 (4.3)	29.4 (1.6)	26.6 (2.9)
200 to 349	15.1 (0.7)	15.2 (2.1)	10.4 (3.5)	14.0 (2.8)	8.2 (1.8)	14.8 (2.0)	11.4 (1.6)	11.7 (2.0)	17.5 (1.2)	16.9 (3.0)
350 to 499	5.1 (0.5)	5.6 (1.0)	2.0 (1.0)	2.1 (0.7)	4.3 (1.3)	7.4 (2.7)	4.5 (1.2)	3.6 (1.6)	6.0 (0.7)	3.5 (1.1)
500 or more	4.8 (0.4)	6.0 (1.2)	5.2 (3.0)	8.1 (2.2)	1.5 (0.7)	4.6 (1.1)	1.5 (0.6)	3.4 (1.8)	5.2 (0.7)	5.1 (2.3)
Distribution of total classroom credit hours (percent)										
Total credit hours	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 4.0	41.9 (1.2)	45.7 (4.0)	57.5 (8.2)	53.1 (6.6)	52.1 (3.7)	48.1 (3.3)	42.4 (3.6)	40.0 (4.1)	35.8 (1.8)	39.7 (3.6)
4.0 to 5.9	11.4 (0.6)	11.0 (2.3)	7.7 (1.8)	5.8 (1.3)	11.7 (2.1)	11.6 (1.8)	10.1 (1.8)	13.1 (2.7)	13.2 (1.1)	8.3 (1.5)
6.0 to 7.9	18.8 (0.8)	19.7 (2.7)	8.4 (1.9)	17.2 (2.7)	15.7 (2.3)	19.2 (2.1)	19.3 (2.8)	19.7 (4.9)	19.5 (1.3)	20.2 (3.1)
8.0 to 9.9	11.9 (0.8)	9.7 (1.8)	4.2 (1.7)	11.1 (2.6)	7.9 (1.8)	8.8 (1.5)	13.8 (2.4)	14.6 (3.1)	14.2 (1.5)	9.3 (2.2)
10.0 to 14.9	9.1 (0.6)	9.4 (1.7)	10.9 (4.3)	5.2 (1.5)	6.5 (1.6)	8.2 (1.5)	7.1 (1.4)	6.2 (1.2)	9.9 (0.9)	14.4 (2.6)
15.0 or more	6.8 (0.5)	4.5 (0.9)	11.3 (6.9)	7.6 (2.2)	6.1 (2.5)	4.2 (1.0)	7.4 (1.7)	6.4 (2.0)	7.4 (0.7)	8.1 (2.5)
Number of classes taught for credit										
Faculty with undergraduate classes only (percent)										
Total undergraduate credit courses	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
1	42.1 (1.1)	41.7 (4.1)	41.1 (6.4)	43.2 (5.3)	48.8 (4.9)	48.1 (3.4)	43.7 (4.1)	43.5 (4.3)	40.8 (1.6)	35.9 (3.5)
2	29.3 (1.0)	41.1 (4.0)	27.2 (5.5)	30.5 (4.8)	25.0 (4.2)	26.5 (2.6)	26.0 (3.1)	30.2 (4.9)	28.8 (1.5)	28.7 (3.1)
3	14.9 (0.9)	10.6 (2.3)	16.2 (5.2)	12.3 (3.6)	15.4 (3.6)	10.2 (2.0)	18.3 (3.3)	15.3 (2.7)	15.8 (1.5)	17.4 (3.8)
4	6.3 (0.5)	2.6 (0.9)	6.0 (3.0)	7.8 (3.7)	2.7 (1.6)	7.2 (1.9)	5.6 (1.4)	7.7 (2.2)	6.2 (0.8)	8.6 (2.1)
5 or more	7.4 (0.6)	4.1 (1.1)	9.5 (4.4)	6.2 (1.9)	8.1 (2.7)	8.1 (3.2)	6.4 (1.5)	3.3 (0.9)	8.4 (0.7)	9.5 (2.0)
Faculty with graduate classes only (percent)										
Total graduate credit courses	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	† (†)	† (†)	100.0 (†)
1	73.6 (2.5)	71.3 (6.3)	83.3 (8.1)	63.2 (7.3)	75.1 (5.0)	82.6 (4.9)	75.0 (4.7)	† (†)	† (†)	66.9 (8.4)
2	14.0 (1.6)	14.1 (3.6)	7.2 (3.3)	11.4 (5.6)	18.9 (4.5)	8.7 (3.3)	21.9 (4.5)	† (†)	† (†)	12.9 (4.1)
3	7.0 (1.9)	8.6 (5.6)	0.0 (0.0)	10.7 (5.0)	3.8 (2.2)	6.3 (2.9)	1.3 (1.3)	† (†)	† (†)	18.0 (8.6)
4	2.3 (1.1)	2.6 (1.5)	8.1 (7.7)	5.1 (3.5)	0.0 (0.0)	1.2 (1.2)	0.0 (0.0)	† (†)	† (†)	0.4 (0.4)
5 or more	3.0 (0.8)	3.4 (1.7)	1.4 (1.4)	9.6 (4.7)	2.2 (1.7)	1.2 (1.2)	1.8 (1.3)	† (†)	† (†)	1.8 (1.2)
Faculty with both undergraduate and graduate classes (percent)										
Total undergraduate and graduate courses	100.0 (†)	100.0 (†)	† (†)	† (†)	† (†)	100.0 (†)	† (†)	† (†)	† (†)	† (†)
1	44.7 (5.9)	49.6 (9.6)	† (†)	† (†)	† (†)	54.0 (10.2)	† (†)	† (†)	† (†)	† (†)
2	24.1 (5.5)	18.3 (7.3)	† (†)	† (†)	† (†)	15.2 (5.8)	† (†)	† (†)	† (†)	† (†)
3	7.8 (1.9)	13.2 (6.5)	† (†)	† (†)	† (†)	3.2 (3.3)	† (†)	† (†)	† (†)	† (†)
4	23.4 (3.5)	18.9 (7.4)	† (†)	† (†)	† (†)	27.5 (8.1)	† (†)	† (†)	† (†)	† (†)

† Not applicable.

‡ Reporting standards not met.

¹ Distribution of student classroom contact hours per week is based on the number of contact hours that faculty and instructional staff spend each week with students during classroom instruction multiplied by the number of students taught.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999 National Study of Postsecondary Faculty (NSOPF:99). (This table was prepared September 2001.)

Table 234. Full-time and part-time instructional faculty and staff in degree-granting institutions, by type and control of institution and selected characteristics: Fall 1992 and fall 1998

Selected characteristic	Number in thousands, 1992	Fall 1998										
		Number in thousands	Total	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
Full-time instructional faculty												
Total, (in thousands)	528	560	560.4 (4.8)	137.5 (2.3)	39.0 (1.7)	58.1 (1.6)	20.7 (0.6)	83.0 (1.9)	37.5 (1.1)	47.6 (1.3)	102.5 (1.7)	34.6 (1.5)
Percent	†	†	100.0 †	24.5 (0.4)	7.0 (0.3)	10.4 (0.3)	3.7 (0.1)	14.8 (0.3)	6.7 (0.2)	8.5 (0.2)	18.3 (0.3)	6.2 (0.3)
Percentage distribution												
Total	†	†	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †
Sex												
Male	353	357	63.7 (0.6)	70.5 (1.0)	73.9 (2.0)	66.7 (1.7)	63.6 (2.9)	61.7 (1.4)	63.3 (2.1)	62.2 (1.9)	50.1 (1.3)	67.9 (3.6)
Female	176	203	36.3 (0.6)	29.5 (1.0)	26.2 (2.0)	33.3 (1.7)	36.4 (2.9)	38.3 (1.4)	36.7 (2.1)	37.9 (1.9)	49.9 (1.3)	32.1 (3.6)
Race												
White, non-Hispanic	457	477	85.1 (0.5)	84.5 (0.9)	85.6 (2.4)	85.8 (1.4)	81.8 (2.0)	82.6 (1.7)	87.8 (1.8)	88.1 (2.1)	85.3 (1.2)	86.4 (2.6)
Black, non-Hispanic	27	28	5.1 (0.4)	3.2 (0.4)	3.7 (2.0)	3.9 (0.7)	4.4 (1.2)	7.4 (1.3)	4.5 (1.3)	6.4 (1.6)	6.0 (0.7)	7.1 (2.2)
Hispanic	14	19	3.3 (0.2)	3.4 (0.5)	3.5 (0.9)	3.0 (0.8)	3.9 (0.9)	3.6 (0.6)	2.7 (0.9)	1.6 (0.5)	4.6 (0.8)	1.3 (0.4)
Asian/Pacific Islander	28	33	5.8 (0.3)	8.5 (0.8)	7.0 (0.9)	6.0 (0.6)	9.2 (1.3)	5.9 (0.6)	3.7 (0.7)	2.9 (0.5)	3.4 (0.6)	4.6 (1.3)
American Indian/Alaska Native	3	4	0.7 (0.1)	0.5 (0.1)	0.2 (0.2)	1.3 (0.6)	0.7 (0.4)	0.5 (0.2)	1.2 (0.4)	1.1 (0.4)	0.8 (0.2)	0.6 (0.3)
Age												
29 or younger	8	9	1.6 (0.2)	1.4 (0.3)	0.8 (0.3)	1.5 (0.6)	1.3 (0.7)	1.4 (0.4)	1.8 (0.9)	1.7 (0.4)	1.4 (0.3)	4.3 (2.4)
30 to 34	35	32	5.8 (0.3)	6.3 (0.6)	7.3 (1.6)	5.6 (0.8)	7.5 (1.1)	4.8 (0.7)	6.3 (1.0)	7.0 (1.2)	5.2 (0.6)	2.9 (0.8)
35 to 39	67	60	10.7 (0.4)	10.8 (0.8)	15.3 (3.0)	13.1 (1.4)	10.8 (1.5)	9.2 (0.8)	9.8 (1.3)	11.6 (1.5)	9.1 (0.8)	9.6 (2.0)
40 to 44	90	82	14.6 (0.5)	16.6 (1.0)	13.0 (2.1)	15.4 (1.7)	18.8 (3.1)	12.6 (0.9)	12.2 (1.2)	18.0 (1.8)	12.8 (0.9)	13.3 (1.8)
45 to 49	98	97	17.3 (0.5)	17.3 (0.8)	14.0 (1.8)	16.7 (1.4)	20.1 (3.0)	15.9 (1.2)	17.2 (1.5)	17.2 (1.3)	18.4 (1.1)	20.2 (2.6)
50 to 54	95	105	18.7 (0.5)	17.3 (1.0)	18.3 (1.5)	17.2 (1.3)	16.3 (2.4)	18.2 (1.1)	20.2 (2.3)	15.8 (1.8)	22.8 (1.1)	20.0 (2.7)
55 to 59	67	90	16.1 (0.5)	15.5 (1.0)	16.1 (2.7)	14.8 (1.4)	12.1 (1.7)	18.2 (1.6)	17.7 (2.2)	13.8 (1.6)	18.4 (1.0)	12.8 (1.3)
60 to 64	45	55	9.8 (0.4)	8.7 (0.7)	7.9 (1.4)	9.5 (1.2)	8.8 (1.5)	13.1 (1.3)	10.9 (1.3)	10.3 (1.4)	8.7 (0.8)	10.9 (1.8)
65 or older	24	31	5.5 (0.3)	6.1 (0.7)	7.5 (1.3)	6.4 (1.3)	4.2 (0.9)	6.7 (0.9)	4.1 (0.9)	4.6 (0.9)	3.2 (0.5)	6.0 (2.1)
Highest degree												
Less than bachelor's	6	7	1.2 (0.1)	0.1 (0.1)	# (#)	0.2 (0.1)	0.5 (0.3)	0.2 (0.1)	0.1 (0.1)	0.3 (0.2)	5.6 (0.7)	0.7 (0.3)
Bachelor's	21	23	4.0 (0.3)	1.8 (0.4)	1.6 (0.8)	1.4 (0.3)	1.2 (0.5)	2.1 (0.5)	2.3 (0.8)	2.0 (0.6)	12.7 (1.1)	5.3 (1.3)
Master's	156	156	27.8 (0.7)	13.3 (1.1)	6.6 (1.1)	15.3 (1.5)	11.0 (1.5)	25.1 (1.3)	30.4 (2.7)	34.4 (2.9)	61.7 (1.6)	34.6 (4.0)
First-professional	58	52	9.2 (0.6)	12.1 (1.2)	22.7 (3.4)	18.9 (2.7)	25.2 (4.5)	2.3 (0.6)	5.1 (1.0)	2.6 (0.7)	1.9 (0.4)	9.0 (2.8)
Doctoral	284	324	57.7 (0.8)	72.7 (1.6)	69.1 (3.4)	64.2 (2.6)	62.1 (4.2)	70.3 (1.4)	62.1 (2.7)	60.7 (2.8)	18.2 (1.2)	50.3 (4.3)
Academic rank												
Full professor	161	172	30.7 (0.7)	36.1 (1.5)	41.9 (2.7)	29.9 (2.1)	27.6 (2.4)	33.0 (1.8)	31.4 (2.5)	24.9 (2.0)	21.7 (1.5)	28.4 (3.4)
Associate professor	124	132	23.6 (0.6)	27.2 (1.3)	24.0 (3.2)	27.6 (1.8)	28.2 (2.6)	26.3 (1.6)	26.6 (1.9)	26.3 (2.3)	12.1 (1.1)	19.3 (2.3)
Assistant professor	124	125	22.3 (0.6)	21.9 (0.9)	22.5 (2.5)	28.3 (1.9)	26.3 (2.1)	25.6 (1.4)	25.6 (1.9)	30.4 (2.2)	10.8 (1.1)	23.0 (3.2)
Instructor	74	75	13.4 (0.6)	5.4 (0.8)	4.1 (1.2)	7.2 (1.1)	11.7 (2.4)	7.9 (1.0)	9.3 (1.5)	10.5 (1.6)	38.9 (2.1)	12.7 (2.2)
Lecturer	12	14	2.5 (0.3)	3.5 (0.7)	3.9 (0.9)	2.6 (0.9)	1.1 (0.6)	4.1 (0.7)	1.7 (0.5)	0.9 (0.4)	0.5 (0.2)	3.1 (2.4)
Other	17	26	4.7 (0.3)	5.6 (0.8)	3.6 (0.9)	3.7 (0.6)	4.0 (0.8)	2.8 (0.4)	4.4 (1.3)	4.9 (1.2)	6.5 (0.6)	3.8 (0.9)
No rank	17	16	2.8 (0.4)	0.3 (0.2)	0.1 (0.1)	0.6 (0.2)	1.1 (0.5)	0.3 (0.2)	1.2 (0.4)	2.2 (1.9)	9.5 (0.9)	9.7 (3.8)
Base salary												
Under \$10,000	14	10	1.7 (0.2)	0.9 (0.3)	0.9 (0.3)	2.2 (1.1)	1.8 (0.8)	1.8 (0.4)	2.9 (1.0)	2.3 (0.5)	1.9 (0.3)	2.7 (0.7)
\$10,000 to 24,999	29	19	3.4 (0.3)	3.7 (0.6)	3.6 (0.9)	3.1 (0.7)	1.8 (0.6)	3.3 (0.6)	4.4 (1.1)	5.0 (1.0)	2.9 (0.5)	2.8 (0.9)
\$25,000 to 39,999	182	124	22.1 (0.8)	11.3 (1.0)	5.5 (1.2)	16.6 (1.7)	11.3 (1.7)	23.5 (1.8)	23.0 (2.2)	37.9 (3.1)	35.0 (1.8)	34.9 (4.2)
\$40,000 to 54,999	164	171	30.5 (0.7)	24.2 (1.2)	20.2 (2.8)	24.8 (1.7)	26.3 (2.3)	36.5 (1.8)	34.6 (2.3)	35.5 (2.5)	36.4 (1.4)	36.6 (3.5)
\$55,000 to 69,999	77	106	19.0 (0.6)	21.6 (1.1)	17.4 (2.4)	20.1 (1.7)	20.7 (2.8)	21.9 (1.4)	21.3 (2.0)	11.6 (1.6)	17.1 (1.2)	12.8 (2.5)
\$70,000 to 84,999	32	58	10.3 (0.5)	15.9 (1.0)	14.6 (2.2)	13.2 (1.4)	13.4 (2.4)	9.2 (0.9)	7.3 (1.5)	5.2 (1.0)	5.5 (0.8)	3.8 (1.1)
\$85,000 to 99,999	11	28	5.0 (0.3)	9.0 (0.7)	10.1 (1.5)	6.8 (1.0)	6.3 (1.3)	2.6 (0.6)	3.9 (1.7)	1.6 (0.7)	0.8 (0.3)	4.0 (2.3)
\$100,000 or more	20	44	7.9 (0.6)	13.5 (1.2)	27.7 (3.4)	13.3 (2.3)	18.4 (3.5)	1.2 (0.4)	2.5 (0.7)	0.9 (0.3)	0.3 (0.1)	2.5 (1.1)

See notes at end of table.

Table 234. Full-time and part-time instructional faculty and staff in degree-granting institutions, by type and control of institution and selected characteristics: Fall 1992 and fall 1998—Continued

Selected characteristic	Number in thousands, 1992	Fall 1998										
		Number in thousands	Total	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
Part-time instructional faculty												
Total, (in thousands)	377	416	416.0 (5.9)	35.8 (1.5)	14.8 (1.5)	25.5 (1.6)	18.0 (0.5)	48.4 (2.1)	36.7 (1.4)	33.0 (2.1)	170.1 (3.9)	33.8 (1.5)
Percent	†	†	100.0 †	8.6 (0.4)	3.6 (0.4)	6.1 (0.4)	4.3 (0.1)	11.6 (0.5)	8.8 (0.3)	7.9 (0.5)	40.9 (0.9)	8.1 (0.4)
Percentage distribution												
Total	†	†	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †	100.0 †
Sex												
Male	209	217	52.2 (1.1)	55.2 (3.5)	60.3 (4.6)	49.6 (5.6)	58.6 (3.5)	46.5 (3.0)	59.1 (3.2)	44.0 (4.3)	51.8 (1.6)	54.3 (3.8)
Female	168	199	47.9 (1.1)	44.8 (3.5)	39.8 (4.6)	50.4 (5.6)	41.4 (3.5)	53.5 (3.0)	40.9 (3.2)	56.1 (4.3)	48.2 (1.6)	45.8 (3.8)
Race												
White, non-Hispanic	333	364	87.6 (0.7)	87.1 (2.1)	89.9 (3.6)	87.9 (2.3)	86.8 (2.5)	85.5 (2.8)	93.1 (1.1)	86.7 (2.4)	86.6 (1.2)	90.3 (1.9)
Black, non-Hispanic	18	19	4.5 (0.4)	2.9 (1.1)	3.3 (1.7)	3.6 (1.3)	3.4 (0.8)	4.1 (0.8)	2.7 (0.8)	6.9 (1.9)	5.3 (0.7)	4.6 (1.2)
Hispanic	11	16	3.7 (0.4)	3.5 (0.9)	4.3 (2.1)	3.1 (1.2)	2.3 (0.7)	3.8 (1.0)	2.0 (0.6)	3.1 (1.1)	4.8 (0.8)	2.0 (0.7)
Asian/Pacific Islander	12	13	3.2 (0.4)	4.6 (1.2)	2.5 (1.0)	3.1 (0.9)	7.1 (2.3)	5.5 (2.5)	1.7 (0.5)	3.2 (1.4)	2.3 (0.4)	2.9 (1.1)
American Indian/Alaska Native	2	4	1.0 (0.2)	1.9 (1.2)	# (#)	2.3 (1.5)	0.4 (0.4)	1.2 (0.6)	0.5 (0.3)	0.2 (0.2)	1.0 (0.3)	0.2 (0.2)
Age												
29 or younger	20	15	3.6 (0.4)	6.2 (1.5)	1.3 (0.6)	2.2 (1.0)	1.1 (0.6)	4.3 (1.0)	4.5 (1.7)	3.9 (1.7)	3.7 (0.6)	2.1 (0.8)
30 to 34	36	37	8.9 (0.7)	9.6 (2.2)	6.5 (2.4)	8.3 (2.0)	6.2 (1.3)	8.1 (1.5)	12.1 (2.9)	11.8 (4.2)	8.4 (0.9)	8.5 (1.8)
35 to 39	59	47	11.4 (0.7)	12.7 (2.6)	11.7 (3.3)	14.0 (4.5)	15.2 (2.2)	7.9 (1.3)	9.2 (1.4)	11.2 (1.9)	12.1 (1.1)	9.5 (2.1)
40 to 44	70	60	14.5 (0.8)	14.3 (1.9)	11.8 (4.1)	17.3 (3.6)	14.9 (2.4)	15.1 (2.9)	14.4 (2.1)	15.4 (3.0)	13.8 (1.1)	15.8 (2.6)
45 to 49	68	72	17.3 (0.8)	10.8 (1.5)	14.3 (3.7)	19.5 (3.5)	19.5 (2.6)	17.2 (2.5)	13.7 (2.0)	13.8 (2.2)	19.8 (1.4)	17.9 (2.2)
50 to 54	45	70	16.8 (0.8)	13.1 (2.1)	10.7 (3.5)	16.2 (2.3)	13.4 (2.7)	17.7 (2.3)	16.8 (2.0)	16.9 (3.5)	17.5 (1.2)	20.6 (2.7)
55 to 59	29	47	11.3 (0.6)	16.4 (2.7)	12.9 (4.5)	6.1 (1.7)	10.1 (1.6)	12.0 (2.0)	10.6 (1.8)	9.0 (1.7)	11.8 (1.1)	9.6 (1.3)
60 to 64	23	29	6.9 (0.5)	5.4 (1.4)	10.8 (3.3)	6.5 (1.7)	6.6 (1.6)	8.0 (1.3)	8.0 (1.7)	8.0 (2.5)	6.4 (0.7)	6.2 (2.1)
65 or older	27	38	9.2 (0.6)	11.5 (1.8)	20.1 (5.9)	9.8 (1.8)	13.1 (2.6)	9.7 (1.8)	10.6 (2.5)	10.1 (1.9)	6.5 (0.7)	9.9 (1.8)
Highest degree												
Less than bachelor's	17	20	4.9 (0.5)	0.5 (0.2)	# (#)	0.6 (0.6)	0.6 (0.4)	0.9 (0.4)	0.5 (0.3)	1.3 (0.6)	10.8 (1.2)	1.3 (0.6)
Bachelor's	63	59	14.1 (0.7)	8.4 (1.9)	10.7 (3.9)	5.4 (1.5)	9.3 (4.5)	10.8 (1.5)	8.1 (1.5)	13.6 (3.5)	19.8 (1.3)	14.5 (2.6)
Master's	190	225	54.1 (1.2)	43.4 (3.5)	29.8 (6.5)	40.0 (6.8)	41.1 (3.0)	60.0 (2.7)	62.7 (2.9)	57.3 (4.3)	58.6 (1.8)	50.2 (4.4)
First-professional	40	36	8.7 (0.8)	15.2 (2.4)	17.2 (4.2)	30.3 (7.9)	19.3 (4.0)	6.8 (1.5)	6.5 (1.2)	4.6 (0.8)	2.7 (0.4)	15.2 (4.4)
Doctoral	59	76	18.2 (0.8)	32.5 (2.8)	42.3 (5.2)	23.7 (3.3)	29.6 (3.5)	21.5 (2.4)	22.2 (2.7)	23.1 (3.1)	8.2 (0.9)	18.8 (3.2)
Academic rank												
Full professor	32	30	7.3 (0.7)	11.8 (1.9)	21.2 (6.1)	7.8 (1.7)	12.5 (2.8)	6.2 (1.7)	7.3 (1.9)	4.4 (1.0)	4.9 (1.2)	9.5 (2.7)
Associate professor	23	19	4.7 (0.5)	10.4 (2.6)	8.1 (3.4)	10.4 (2.0)	9.4 (2.9)	4.4 (1.3)	6.5 (1.7)	3.7 (1.2)	1.7 (0.4)	4.3 (1.5)
Assistant professor	24	23	5.6 (0.6)	8.7 (1.7)	15.3 (5.2)	17.4 (5.7)	8.6 (2.3)	3.8 (0.9)	10.3 (2.0)	5.3 (1.3)	1.4 (0.3)	6.1 (1.8)
Instructor	215	205	49.4 (1.2)	29.5 (3.1)	12.2 (3.1)	36.4 (5.0)	31.2 (5.7)	36.5 (2.8)	37.7 (3.6)	46.2 (4.3)	68.4 (1.7)	44.7 (3.9)
Lecturer	45	46	11.1 (0.8)	23.1 (3.3)	26.3 (8.9)	11.9 (3.6)	11.2 (3.1)	21.6 (3.2)	9.5 (1.9)	18.4 (3.8)	4.2 (0.7)	6.0 (2.1)
Other	28	75	18.1 (0.8)	15.8 (2.6)	16.4 (4.4)	15.3 (2.7)	24.6 (3.9)	24.2 (2.5)	25.1 (2.6)	18.0 (2.7)	14.4 (1.2)	21.9 (2.6)
No rank	9	16	4.0 (0.4)	0.9 (0.4)	0.5 (0.4)	0.9 (0.5)	2.6 (1.5)	3.2 (1.3)	3.6 (1.4)	4.0 (1.5)	5.1 (0.6)	7.6 (2.0)
Base salary												
Under \$10,000	281	256	61.6 (1.1)	50.0 (3.5)	44.5 (5.6)	56.9 (4.7)	54.2 (3.6)	70.5 (2.6)	62.0 (3.2)	63.1 (4.4)	64.0 (1.8)	61.9 (4.0)
\$10,000 to 24,999	68	112	27.0 (1.0)	31.2 (3.7)	33.0 (6.3)	20.5 (3.7)	30.0 (3.3)	20.1 (1.9)	29.0 (3.1)	22.5 (2.9)	28.0 (1.5)	30.3 (3.7)
\$25,000 to 39,999	16	26	6.3 (0.6)	10.7 (1.8)	10.0 (3.8)	8.8 (2.6)	11.9 (3.4)	6.2 (1.4)	4.0 (1.0)	5.7 (1.9)	5.3 (1.1)	4.0 (1.1)
\$40,000 to 54,999	5	12	2.8 (0.4)	1.8 (0.5)	5.5 (3.0)	6.6 (2.1)	1.1 (0.7)	1.8 (0.5)	3.0 (0.9)	7.8 (4.0)	1.8 (0.4)	2.7 (1.2)
\$55,000 to 69,999	2	4	1.0 (0.2)	2.8 (1.2)	3.8 (2.6)	1.3 (0.8)	0.8 (0.5)	0.8 (0.3)	1.2 (0.6)	0.7 (0.4)	0.6 (0.2)	0.5 (0.3)
\$70,000 to 84,999	1	2	0.6 (0.1)	1.5 (0.6)	0.5 (0.4)	2.5 (1.2)	1.0 (0.5)	0.5 (0.2)	0.4 (0.3)	# (#)	0.2 (0.1)	0.5 (0.3)
\$85,000 to 99,999	1	#	0.2 (0.1)	0.4 (0.3)	0.9 (0.7)	1.6 (0.8)	0.3 (0.3)	# (#)	0.4 (0.3)	0.1 (0.1)	# (#)	# (#)
\$100,000 or more	3	#	0.4 (0.1)	1.7 (0.6)	1.7 (0.9)	1.8 (0.9)	0.7 (0.7)	0.2 (0.1)	# (#)	# (#)	0.1 (0.1)	0.2 (0.2)

† Not applicable.
Rounds to zero.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1993 National Study of Postsecondary Faculty (NSOPF:93) and 1999 National Study of Postsecondary Faculty (NSOPF:99). (This table was prepared June 2001.)

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Standard errors appear in parentheses. Detail may not sum to totals due to rounding or missing data.

Table 235. Full-time and part-time instructional faculty and staff in degree-granting institutions, by race/ethnicity, sex, type and control of institution, academic rank, age, salary, and household income: Fall 1998

Selected characteristic	Number, in thousands	Percent	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian/Pacific Islander		American Indian/Alaska Native	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
Full-time instructional faculty and staff												
Number, in thousands	560 (4.8)	†	305 (4.9)	172 (3.1)	15 (1.0)	14 (1.0)	11 (1.0)	7 (0.7)	23 (1.3)	10 (0.9)	3 (0.5)	1 (0.2)
Percentage distribution ..	† †	100.0	54.5 (0.6)	30.6 (0.5)	2.6 (0.2)	2.5 (0.2)	2.0 (0.2)	1.3 (0.1)	4.0 (0.2)	1.8 (0.2)	0.5 (0.1)	0.2 (0.0)
Type and control												
Public research	138 (2.3)	100.0	60.7 (1.2)	23.8 (1.0)	1.4 (0.2)	1.8 (0.3)	2.0 (0.4)	1.4 (0.4)	6.2 (0.6)	2.3 (0.4)	0.3 (0.1)	0.2 (0.1)
Private research	39 (1.7)	100.0	64.1 (2.4)	21.4 (2.0)	1.9 (0.4)	1.7 (0.5)	2.5 (0.7)	1.0 (0.3)	5.2 (1.0)	1.8 (0.4)	0.1 (0.1)	0.1 (0.1)
Public doctoral	58 (1.6)	100.0	56.7 (2.0)	29.1 (1.8)	1.9 (0.4)	2.0 (0.4)	2.0 (0.6)	1.0 (0.3)	5.2 (0.7)	0.9 (0.2)	0.9 (0.6)	0.3 (0.1)
Private doctoral	21 (0.6)	100.0	51.5 (2.8)	30.4 (2.8)	2.7 (0.6)	1.7 (0.5)	2.6 (0.8)	1.2 (0.4)	6.4 (1.2)	2.9 (0.9)	0.5 (0.3)	0.2 (0.2)
Public comprehensive	83 (1.9)	100.0	51.1 (1.6)	31.5 (1.4)	3.9 (0.5)	3.5 (0.8)	2.3 (0.4)	1.3 (0.3)	4.0 (0.6)	1.8 (0.4)	0.4 (0.1)	0.2 (0.1)
Private comprehensive	38 (1.1)	100.0	54.5 (2.2)	33.3 (2.0)	2.8 (0.6)	1.7 (0.4)	1.9 (0.8)	0.8 (0.3)	3.1 (0.6)	0.7 (0.2)	1.0 (0.4)	0.3 (0.2)
Private liberal arts	48 (1.3)	100.0	54.7 (2.1)	33.4 (1.9)	4.0 (0.7)	2.4 (0.5)	0.8 (0.3)	0.8 (0.3)	2.1 (0.5)	0.7 (0.3)	0.6 (0.3)	0.5 (0.2)
Public 2-year	102 (1.7)	100.0	42.9 (1.3)	42.4 (1.3)	2.4 (0.3)	3.6 (0.4)	2.7 (0.5)	1.9 (0.3)	1.3 (0.3)	2.0 (0.4)	0.7 (0.2)	0.1 (0.1)
Other	35 (1.5)	100.0	59.5 (2.9)	26.9 (2.4)	4.9 (1.8)	2.2 (0.5)	0.9 (0.4)	0.4 (0.3)	2.4 (0.6)	2.2 (0.9)	0.1 (0.1)	0.5 (0.3)
Academic rank												
Full professor	172 (2.8)	100.0	70.7 (1.0)	18.4 (0.8)	2.0 (0.2)	0.9 (0.2)	2.1 (0.4)	0.6 (0.2)	4.1 (0.4)	0.8 (0.2)	0.4 (0.1)	# (#)
Associate professor	132 (2.4)	100.0	55.7 (1.3)	29.3 (1.1)	3.0 (0.3)	2.4 (0.3)	1.8 (0.3)	0.9 (0.2)	4.8 (0.5)	1.5 (0.4)	0.4 (0.1)	0.1 (0.1)
Assistant professor	125 (2.1)	100.0	44.1 (1.3)	36.1 (1.2)	3.4 (0.5)	4.0 (0.6)	1.9 (0.3)	1.7 (0.3)	5.3 (0.5)	2.7 (0.4)	0.4 (0.1)	0.4 (0.1)
Instructor or lecturer	89 (2.1)	100.0	40.1 (1.7)	44.2 (1.6)	2.3 (0.3)	2.9 (0.4)	2.5 (0.5)	2.3 (0.4)	2.1 (0.5)	2.6 (0.5)	0.9 (0.4)	0.2 (0.1)
Other	26 (0.7)	100.0	42.1 (2.5)	41.2 (2.4)	2.2 (0.6)	3.7 (0.7)	3.3 (1.3)	1.7 (0.4)	2.3 (0.6)	2.3 (0.8)	0.8 (0.4)	0.5 (0.3)
No rank	16 (0.6)	100.0	52.7 (3.2)	36.5 (3.1)	2.0 (0.9)	2.8 (1.2)	0.9 (0.3)	1.0 (0.5)	0.5 (0.3)	1.6 (0.7)	0.6 (0.4)	1.4 (0.7)
Age												
Under 35	41 (1.4)	100.0	43.6 (2.4)	38.3 (2.2)	1.6 (0.4)	3.1 (0.8)	3.5 (1.1)	1.8 (0.4)	3.6 (0.6)	3.8 (0.8)	0.4 (0.2)	0.3 (0.2)
35 to 44	142 (2.6)	100.0	47.3 (1.3)	33.1 (1.2)	2.5 (0.3)	2.6 (0.4)	2.8 (0.4)	1.9 (0.3)	6.5 (0.6)	2.3 (0.3)	0.7 (0.3)	0.3 (0.1)
45 to 54	202 (2.7)	100.0	50.5 (1.0)	34.6 (0.9)	3.1 (0.4)	2.7 (0.3)	1.8 (0.3)	1.4 (0.3)	3.3 (0.3)	1.8 (0.3)	0.6 (0.1)	0.2 (0.1)
55 to 64	145 (2.4)	100.0	66.8 (1.1)	23.2 (1.0)	2.4 (0.3)	2.1 (0.4)	1.3 (0.3)	0.3 (0.1)	2.5 (0.3)	0.9 (0.2)	0.3 (0.1)	0.1 (0.1)
65 to 69	23 (1.0)	100.0	70.6 (2.9)	16.8 (2.5)	3.0 (0.8)	0.9 (0.5)	1.3 (0.5)	1.1 (0.5)	5.1 (1.5)	0.8 (0.4)	0.2 (0.2)	0.1 (0.1)
70 or older	8 (0.8)	100.0	69.7 (5.0)	18.7 (4.0)	1.6 (0.9)	1.9 (1.2)	1.1 (1.1)	1.5 (0.9)	4.4 (2.3)	0.7 (0.5)	# (#)	0.3 (0.3)
Base salary												
Under \$10,000	8 (0.7)	100.0	50.4 (6.1)	37.0 (6.4)	3.3 (1.4)	3.8 (1.6)	1.1 (0.6)	1.6 (0.9)	1.4 (0.9)	1.0 (0.7)	# (#)	0.4 (0.4)
\$10,000 to 24,999	15 (0.9)	100.0	40.4 (4.4)	45.4 (4.3)	1.5 (0.6)	1.6 (0.6)	6.4 (2.8)	0.8 (0.4)	2.4 (0.9)	1.1 (0.7)	0.3 (0.3)	0.2 (0.2)
\$25,000 to 39,999	123 (2.3)	100.0	40.8 (1.4)	45.0 (1.3)	2.3 (0.3)	3.5 (0.4)	1.4 (0.3)	1.8 (0.2)	2.0 (0.4)	2.0 (0.3)	0.8 (0.3)	0.4 (0.1)
\$40,000 to 54,999	173 (2.3)	100.0	50.3 (1.1)	33.2 (0.9)	3.7 (0.4)	3.1 (0.4)	1.9 (0.3)	1.6 (0.3)	3.6 (0.4)	1.8 (0.3)	0.5 (0.1)	0.2 (0.1)
\$55,000 to 69,999	108 (2.2)	100.0	60.1 (1.4)	24.7 (1.2)	2.0 (0.3)	2.1 (0.3)	2.1 (0.4)	1.2 (0.4)	5.0 (0.6)	2.1 (0.5)	0.4 (0.1)	0.2 (0.1)
\$70,000 to 84,999	60 (1.5)	100.0	66.9 (1.7)	18.9 (1.5)	2.4 (0.4)	1.3 (0.3)	2.8 (0.8)	0.5 (0.2)	5.4 (0.6)	1.2 (0.4)	0.4 (0.2)	0.1 (0.1)
\$85,000 to 99,999	29 (1.3)	100.0	70.4 (2.7)	15.4 (2.3)	2.0 (0.6)	0.7 (0.3)	2.2 (0.6)	0.6 (0.3)	7.3 (1.4)	1.1 (0.4)	0.2 (0.2)	0.1 (0.1)
\$100,000 or more	45 (1.3)	100.0	73.1 (1.9)	14.4 (1.6)	1.5 (0.4)	0.7 (0.3)	2.0 (0.5)	0.2 (0.1)	6.1 (1.0)	1.5 (0.4)	0.3 (0.2)	0.1 (0.1)
Total household income												
Under \$10,000	1 (0.1)	100.0	47.5 (11.9)	40.1 (11.7)	8.2 (5.5)	# (#)	1.1 (1.1)	1.1 (1.1)	2.1 (2.1)	# (#)	# (#)	# (#)
\$10,000 to 24,999	15 (0.8)	100.0	52.5 (4.0)	29.0 (3.3)	1.6 (0.7)	5.9 (1.4)	3.8 (2.1)	0.7 (0.3)	4.4 (1.2)	1.4 (0.6)	0.6 (0.4)	# (#)
\$25,000 to 39,999	31 (1.2)	100.0	41.2 (2.9)	42.8 (2.7)	1.8 (0.5)	2.9 (0.5)	2.6 (0.9)	1.6 (0.5)	4.3 (1.2)	1.5 (0.4)	0.8 (0.4)	0.6 (0.3)
\$40,000 to 54,999	59 (1.6)	100.0	48.0 (2.0)	34.5 (1.7)	3.4 (0.5)	5.0 (1.1)	1.7 (0.3)	1.6 (0.4)	3.3 (0.5)	1.4 (0.4)	0.9 (0.5)	0.3 (0.1)
\$55,000 to 69,999	63 (1.7)	100.0	54.4 (1.9)	30.4 (1.7)	2.6 (0.4)	2.7 (0.6)	2.5 (0.7)	0.7 (0.2)	4.8 (0.9)	1.1 (0.3)	0.5 (0.2)	0.2 (0.1)
\$70,000 to 84,999	67 (1.7)	100.0	54.5 (1.8)	30.0 (1.5)	3.1 (0.5)	2.3 (0.5)	2.1 (0.5)	1.5 (0.5)	3.7 (0.5)	2.0 (0.6)	0.6 (0.2)	0.1 (0.1)
\$85,000 to 99,999	57 (1.5)	100.0	62.5 (1.7)	25.6 (1.5)	2.7 (0.4)	2.4 (0.4)	1.3 (0.3)	0.9 (0.2)	2.7 (0.5)	1.3 (0.4)	0.3 (0.2)	0.2 (0.1)
\$100,000 or more	266 (3.2)	100.0	55.9 (0.9)	29.6 (0.8)	2.4 (0.3)	1.6 (0.2)	2.0 (0.3)	1.3 (0.2)	4.3 (0.3)	2.1 (0.3)	0.4 (0.1)	0.2 (0.1)

See notes at end of table.

Table 235. Full-time and part-time instructional faculty and staff in degree-granting institutions, by race/ethnicity, sex, type and control of institution, academic rank, age, salary, and household income: Fall 1998—Continued

Selected characteristic	Number, in thousands	Percent	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian/Pacific Islander		American Indian/Alaska Native	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
Part-time instructional faculty and staff												
Number, in thousands	416 (5.9)	†	191 (5.2)	173 (4.8)	10 (1.1)	9 (0.9)	9 (1.2)	7 (0.8)	6 (0.8)	7 (1.5)	1 (0.3)	3 (0.8)
Percentage distribution	† †	100.0	45.9 (1.0)	41.7 (1.0)	2.4 (0.3)	2.2 (0.2)	2.1 (0.3)	1.7 (0.2)	1.5 (0.2)	1.7 (0.4)	0.3 (0.1)	0.6 (0.2)
Type and control												
Public research	36 (1.5)	100.0	48.3 (3.2)	38.8 (3.1)	1.7 (0.8)	1.2 (0.5)	2.1 (0.7)	1.4 (0.5)	2.6 (0.8)	2.0 (0.7)	0.6 (0.3)	1.4 (1.2)
Private research	15 (1.5)	100.0	54.9 (6.2)	35.0 (5.6)	0.8 (0.6)	2.6 (1.7)	2.9 (1.5)	1.5 (0.6)	1.8 (0.8)	0.7 (0.5)	# (#)	# (#)
Public doctoral	26 (1.6)	100.0	44.8 (4.5)	43.1 (4.2)	2.6 (1.1)	1.1 (0.4)	0.9 (0.4)	2.2 (1.0)	1.4 (0.8)	1.6 (0.8)	# (#)	2.3 (1.6)
Private doctoral	18 (0.5)	100.0	50.6 (3.5)	36.2 (3.2)	2.5 (0.8)	0.9 (0.4)	1.3 (0.5)	1.0 (0.5)	4.2 (2.0)	2.8 (0.9)	# (#)	0.4 (0.4)
Public comprehensive	48 (2.1)	100.0	40.9 (2.8)	44.6 (2.9)	1.9 (0.5)	2.1 (0.5)	2.1 (0.8)	1.7 (0.5)	1.4 (0.4)	4.1 (2.6)	0.3 (0.2)	0.9 (0.6)
Private comprehensive	37 (1.4)	100.0	54.7 (3.2)	38.3 (3.1)	2.0 (0.8)	0.7 (0.4)	1.3 (0.5)	0.7 (0.4)	0.8 (0.4)	0.9 (0.4)	0.2 (0.2)	0.3 (0.2)
Private liberal arts	33 (2.1)	100.0	37.7 (3.7)	49.0 (4.2)	3.9 (1.8)	2.9 (0.9)	1.3 (0.5)	1.8 (0.8)	0.8 (0.4)	2.3 (1.4)	0.2 (0.2)	# (#)
Public 2-year	170 (3.9)	100.0	44.7 (1.6)	41.9 (1.6)	2.5 (0.4)	2.8 (0.4)	2.9 (0.6)	1.9 (0.4)	1.1 (0.2)	1.1 (0.2)	0.5 (0.2)	0.5 (0.3)
Other	34 (1.5)	100.0	49.7 (3.4)	40.6 (3.4)	2.3 (0.8)	2.3 (0.7)	0.4 (0.3)	1.7 (0.6)	1.9 (1.1)	1.0 (0.4)	# (#)	0.2 (0.2)
Academic rank												
Full professor	30 (2.3)	100.0	68.0 (3.9)	21.9 (3.3)	1.9 (0.8)	1.1 (0.7)	1.6 (0.6)	0.8 (0.4)	4.2 (1.4)	0.3 (0.2)	# (#)	0.2 (0.2)
Associate professor	19 (1.1)	100.0	65.5 (4.0)	23.5 (3.5)	3.3 (1.4)	1.6 (0.7)	1.9 (0.9)	0.6 (0.4)	2.1 (0.9)	1.2 (0.7)	# (#)	0.3 (0.3)
Assistant professor	23 (1.3)	100.0	46.2 (4.2)	41.5 (4.0)	2.4 (0.9)	2.7 (0.9)	1.6 (0.9)	1.1 (0.6)	1.9 (1.1)	1.9 (0.7)	# (#)	0.7 (0.7)
Instructor or lecturer	252 (4.7)	100.0	41.8 (1.3)	45.6 (1.3)	2.4 (0.3)	2.5 (0.3)	2.1 (0.4)	1.8 (0.3)	1.0 (0.2)	2.0 (0.6)	0.4 (0.1)	0.3 (0.2)
Other	75 (2.0)	100.0	45.9 (2.1)	40.1 (2.1)	2.3 (0.8)	1.7 (0.4)	2.5 (0.8)	2.0 (0.4)	1.6 (0.5)	1.5 (0.4)	0.4 (0.2)	1.9 (0.8)
No rank	16 (1.0)	100.0	44.9 (4.6)	46.2 (4.8)	2.0 (1.2)	1.1 (0.6)	1.4 (0.6)	1.8 (0.9)	1.4 (0.7)	1.2 (0.7)	# (#)	0.0 (0.0)
Age												
Under 35	52 (2.4)	100.0	38.9 (3.0)	46.3 (3.2)	1.3 (0.5)	2.3 (0.6)	2.3 (0.6)	3.8 (1.1)	2.4 (0.7)	2.5 (0.6)	0.1 (0.1)	# (#)
35 to 44	108 (3.1)	100.0	40.0 (2.0)	45.0 (2.0)	2.5 (0.4)	2.0 (0.4)	2.5 (0.7)	1.8 (0.3)	1.4 (0.4)	3.5 (1.3)	0.3 (0.1)	1.1 (0.5)
45 to 54	142 (3.5)	100.0	45.3 (1.8)	43.9 (1.7)	2.3 (0.5)	2.5 (0.4)	1.9 (0.5)	1.2 (0.3)	0.8 (0.2)	0.9 (0.2)	0.2 (0.1)	0.9 (0.4)
55 to 64	76 (2.3)	100.0	51.6 (2.3)	37.8 (2.2)	2.2 (0.5)	2.1 (0.4)	1.4 (0.3)	1.4 (0.4)	1.8 (0.5)	0.8 (0.3)	0.7 (0.3)	0.1 (0.1)
65 to 69	22 (1.0)	100.0	63.8 (3.6)	24.2 (2.9)	2.3 (0.8)	2.1 (1.0)	3.0 (1.7)	0.7 (0.4)	1.9 (1.6)	0.8 (0.4)	0.7 (0.5)	0.6 (0.4)
70 or older	16 (1.3)	100.0	62.4 (4.8)	26.5 (4.1)	6.5 (3.1)	0.8 (0.5)	1.3 (0.7)	0.5 (0.4)	1.6 (0.9)	0.4 (0.4)	# (#)	# (#)
Base salary												
Under \$10,000	259 (4.5)	100.0	45.9 (1.3)	41.8 (1.3)	2.4 (0.4)	2.4 (0.3)	2.0 (0.4)	1.4 (0.2)	1.4 (0.2)	1.8 (0.5)	0.4 (0.1)	0.6 (0.3)
\$10,000 to 24,999	111 (2.9)	100.0	43.8 (1.9)	44.9 (1.9)	1.9 (0.4)	1.9 (0.4)	2.2 (0.6)	2.3 (0.6)	1.1 (0.3)	1.4 (0.3)	0.2 (0.1)	0.3 (0.2)
\$25,000 to 39,999	27 (2.0)	100.0	49.7 (4.8)	35.0 (3.9)	2.0 (0.7)	1.7 (0.8)	0.8 (0.3)	2.6 (0.8)	3.2 (1.5)	2.9 (0.9)	0.5 (0.4)	1.5 (1.4)
\$40,000 to 54,999	11 (1.5)	100.0	46.3 (8.2)	36.8 (9.6)	8.0 (3.4)	2.0 (0.9)	1.1 (0.8)	1.5 (0.7)	2.1 (1.3)	1.1 (0.8)	# (#)	1.0 (0.7)
\$55,000 to 69,999	4 (0.5)	100.0	69.0 (7.5)	21.9 (6.4)	2.5 (2.0)	1.1 (0.9)	5.4 (3.3)	# (#)	# (#)	# (#)	# (#)	# (#)
\$70,000 to 84,999	2 (0.2)	100.0	58.9 (11.2)	23.4 (9.8)	1.7 (1.7)	0.9 (0.9)	# (#)	# (#)	13.2 (9.1)	2.1 (2.1)	# (#)	# (#)
\$85,000 to 99,999	‡ (‡)	‡	‡ (‡)	‡ (‡)	‡ (‡)	‡ (‡)	‡ (‡)	‡ (‡)	‡ (‡)	‡ (‡)	‡ (‡)	‡ (‡)
\$100,000 or more	2 (0.1)	100.0	60.1 (11.2)	19.5 (9.1)	# (#)	# (#)	15.4 (8.2)	# (#)	2.0 (2.1)	2.9 (2.1)	# (#)	# (#)
Total household income												
Under \$10,000	7 (0.6)	100.0	25.2 (5.0)	43.9 (6.5)	7.0 (3.0)	8.7 (5.0)	1.2 (0.7)	3.2 (1.8)	2.3 (1.8)	7.5 (5.7)	1.0 (1.0)	# (#)
\$10,000 to 24,999	33 (1.6)	100.0	45.0 (3.6)	44.3 (3.6)	1.8 (0.7)	2.5 (0.9)	1.6 (0.7)	1.2 (0.4)	1.0 (0.3)	1.9 (0.8)	0.5 (0.3)	0.2 (0.2)
\$25,000 to 39,999	36 (1.8)	100.0	52.8 (3.5)	36.5 (3.2)	1.2 (0.4)	3.3 (1.0)	1.7 (0.5)	1.5 (0.6)	1.3 (0.5)	1.0 (0.4)	0.6 (0.4)	0.1 (0.1)
\$40,000 to 54,999	48 (1.7)	100.0	40.4 (2.7)	46.1 (2.8)	3.7 (1.2)	2.3 (0.6)	1.7 (0.4)	1.7 (0.5)	0.5 (0.2)	1.4 (0.4)	0.5 (0.3)	1.7 (1.0)
\$55,000 to 69,999	49 (2.3)	100.0	43.8 (3.0)	39.7 (3.0)	2.9 (0.8)	1.9 (0.6)	3.3 (1.3)	3.2 (1.1)	1.1 (0.4)	3.6 (2.5)	0.1 (0.1)	0.5 (0.4)
\$70,000 to 84,999	48 (1.6)	100.0	46.1 (2.7)	40.0 (2.6)	3.7 (1.4)	3.0 (0.7)	2.5 (0.9)	2.3 (0.5)	1.6 (0.5)	0.4 (0.2)	0.3 (0.2)	0.1 (0.1)
\$85,000 to 99,999	42 (1.7)	100.0	47.1 (3.1)	40.9 (3.1)	2.5 (0.7)	2.2 (0.6)	4.0 (1.4)	1.3 (0.4)	0.7 (0.3)	1.2 (0.4)	# (#)	0.2 (0.2)
\$100,000 or more	152 (3.9)	100.0	47.6 (1.8)	42.2 (1.8)	1.5 (0.3)	1.3 (0.2)	1.3 (0.4)	1.2 (0.3)	2.1 (0.4)	1.6 (0.3)	0.3 (0.1)	0.8 (0.4)

‡ Reporting standards not met.
 † Not applicable.
 # Rounds to zero.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999 National Study of Postsecondary Faculty (NSOPF:99). (This table was prepared September 2001.)

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

Table 236. Full-time and part-time instructional faculty and staff in degree-granting institutions, by field and faculty characteristics: Fall 1992 and fall 1998

Faculty characteristic	Number in thousands, 1992	Fall 1998											
		Number in thousands	All fields	Agriculture and home economics	Business	Education	Engineering	Fine arts	Health	Humanities	Natural sciences	Social sciences	Other
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Full-time instructional faculty and staff													
Full-time, in thousands	528	560	560.4 (4.8)	10.5 (0.4)	38.7 (1.1)	39.9 (1.4)	25.0 (0.9)	33.3 (1.4)	83.8 (2.0)	80.8 (1.8)	111.3 (2.1)	58.4 (1.3)	78.7 (2.1)
Percent	†	†	100.0 (†)	1.9 (0.1)	6.9 (0.3)	7.1 (0.3)	4.5 (0.3)	5.9 (0.3)	15.0 (0.4)	14.4 (0.4)	19.9 (0.5)	10.4 (0.4)	14.0 (0.5)
Percentage distribution of full-time faculty													
Total	528	560	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Sex													
Male	353	357	63.7 (0.6)	80.5 (2.9)	65.0 (2.1)	42.5 (2.4)	90.8 (1.8)	68.5 (2.2)	49.8 (1.9)	55.9 (1.6)	75.1 (1.1)	67.6 (1.6)	66.8 (1.7)
Female	176	203	36.3 (0.6)	19.5 (2.9)	35.1 (2.1)	57.5 (2.4)	9.2 (1.8)	31.5 (2.2)	50.2 (1.9)	44.1 (1.6)	24.9 (1.1)	32.4 (1.6)	33.2 (1.7)
Race/ethnicity													
White, non-Hispanic	457	477	85.1 (0.5)	90.7 (1.9)	86.7 (1.4)	83.8 (1.7)	77.0 (2.3)	89.3 (1.4)	85.5 (1.1)	83.9 (1.4)	85.5 (1.0)	84.0 (1.3)	87.3 (1.2)
Black, non-Hispanic	27	28	5.1 (0.4)	4.1 (1.3)	5.3 (0.9)	8.6 (1.5)	2.4 (0.5)	6.7 (1.2)	4.4 (0.6)	4.5 (0.8)	3.1 (0.5)	6.7 (0.8)	6.2 (0.8)
Hispanic	14	19	3.3 (0.2)	1.4 (0.6)	1.6 (0.4)	3.3 (0.6)	3.9 (1.4)	1.1 (0.3)	3.3 (0.5)	6.5 (0.9)	2.9 (0.5)	3.0 (0.5)	2.6 (0.6)
Asian/Pacific Islander	28	33	5.8 (0.3)	2.9 (0.9)	5.2 (0.8)	3.6 (0.9)	16.1 (2.1)	2.3 (0.6)	6.1 (0.7)	4.7 (1.0)	8.2 (0.6)	5.1 (0.8)	2.9 (0.6)
American Indian/Alaska Native	3	4	0.7 (0.1)	1.0 (1.0)	1.3 (0.8)	0.8 (0.3)	0.6 (0.4)	0.6 (0.3)	0.7 (0.2)	0.4 (0.2)	0.3 (0.1)	1.3 (0.3)	1.0 (0.3)
Age													
Under 30	8	9	1.6 (0.2)	1.3 (0.8)	1.8 (1.2)	2.5 (1.8)	1.6 (1.2)	1.3 (0.4)	1.3 (0.5)	0.9 (0.2)	1.1 (0.2)	1.1 (0.3)	3.2 (0.7)
30 to 34	35	32	5.8 (0.3)	7.9 (3.0)	4.3 (0.7)	3.2 (0.7)	8.6 (1.7)	3.9 (0.8)	4.4 (0.6)	7.3 (1.0)	6.5 (0.7)	7.1 (0.9)	5.3 (0.7)
35 to 39	67	60	10.7 (0.4)	5.2 (1.6)	10.8 (1.4)	7.1 (0.9)	10.6 (1.4)	10.1 (1.6)	13.9 (1.6)	10.1 (0.9)	12.8 (1.0)	10.3 (1.2)	8.0 (0.9)
40 to 44	90	82	14.6 (0.5)	10.6 (2.1)	13.6 (1.7)	9.8 (1.3)	17.5 (2.6)	16.3 (2.1)	18.4 (1.4)	10.7 (0.9)	15.2 (1.0)	14.4 (1.3)	15.5 (1.3)
45 to 49	98	97	17.3 (0.5)	17.9 (2.7)	16.5 (1.4)	21.4 (2.1)	17.2 (2.3)	16.3 (1.7)	20.4 (1.4)	16.7 (1.3)	14.0 (0.8)	15.8 (1.3)	18.6 (1.3)
50 to 54	95	105	18.7 (0.5)	21.8 (3.1)	22.7 (1.9)	20.7 (1.9)	13.5 (1.6)	23.4 (2.7)	17.8 (1.2)	16.2 (1.2)	19.1 (1.2)	17.5 (1.3)	18.8 (1.4)
55 to 59	67	90	16.1 (0.5)	21.9 (3.3)	17.4 (1.7)	18.3 (2.0)	14.3 (1.8)	14.0 (2.2)	12.8 (1.0)	19.4 (1.3)	14.3 (0.9)	18.2 (1.5)	16.4 (1.7)
60 to 64	45	55	9.8 (0.4)	8.5 (1.7)	9.3 (1.3)	11.8 (1.6)	11.1 (2.0)	11.0 (1.6)	7.1 (0.7)	11.2 (1.1)	10.0 (0.8)	11.3 (1.2)	8.7 (0.9)
65 or older	24	31	5.5 (0.3)	4.9 (1.5)	3.7 (0.7)	5.1 (1.4)	5.7 (1.0)	3.8 (0.8)	3.9 (0.5)	7.7 (1.0)	7.0 (0.9)	4.3 (0.8)	5.6 (1.0)
Degree													
Less than bachelor's	6	7	1.2 (0.1)	1.1 (0.7)	0.3 (0.2)	0.4 (0.2)	1.5 (0.6)	1.4 (0.5)	1.7 (0.3)	0.1 (0.1)	0.4 (0.2)	# (#)	4.6 (0.8)
Bachelor's	21	23	4.0 (0.3)	5.3 (1.4)	4.6 (0.9)	1.5 (0.4)	5.3 (1.5)	4.8 (0.9)	5.1 (0.7)	0.9 (0.4)	3.6 (0.6)	0.9 (0.3)	9.4 (1.1)
Master's	156	156	27.8 (0.7)	19.2 (3.1)	42.5 (2.4)	27.2 (2.3)	16.4 (2.2)	58.9 (2.9)	23.0 (1.6)	30.5 (1.6)	20.0 (1.2)	16.0 (1.4)	34.4 (1.9)
First-professional	58	52	9.2 (0.6)	0.8 (0.5)	3.9 (0.8)	0.9 (0.3)	0.5 (0.3)	1.4 (0.9)	41.1 (2.1)	2.3 (0.9)	2.0 (0.5)	2.3 (0.9)	12.6 (1.3)
Doctorate	284	324	57.7 (0.8)	73.7 (3.7)	48.7 (2.3)	70.1 (2.4)	76.3 (2.7)	33.6 (2.7)	29.0 (1.7)	66.3 (1.7)	74.1 (1.3)	80.8 (1.6)	39.1 (2.1)
Rank													
Full professor	161	172	30.7 (0.7)	42.9 (4.4)	23.9 (1.9)	24.8 (2.1)	37.3 (2.8)	29.9 (2.6)	21.1 (1.3)	30.9 (1.6)	38.2 (1.5)	38.8 (1.9)	28.8 (2.0)
Associate professor	124	132	23.6 (0.6)	23.2 (3.2)	26.4 (2.1)	23.7 (2.0)	27.9 (2.6)	25.8 (2.6)	28.4 (1.7)	21.5 (1.3)	23.1 (1.2)	24.0 (1.6)	18.0 (1.3)
Assistant professor	124	125	22.3 (0.6)	16.5 (3.4)	19.8 (1.7)	24.8 (2.1)	20.4 (2.3)	21.3 (2.2)	30.5 (1.5)	21.3 (1.4)	20.7 (1.2)	22.6 (1.4)	18.6 (1.3)
Instructor or lecturer	74	75	13.4 (0.6)	8.0 (2.0)	19.5 (2.2)	10.9 (1.5)	8.6 (2.2)	11.9 (2.2)	14.9 (1.2)	15.4 (1.3)	10.1 (0.8)	7.0 (1.1)	20.6 (1.6)
Lecturer	12	14	2.5 (0.3)	2.0 (0.9)	3.4 (0.9)	4.3 (1.9)	0.9 (0.4)	2.1 (0.6)	0.9 (0.2)	5.0 (0.9)	2.0 (0.3)	1.1 (0.3)	3.2 (0.7)
Other/no rank	17	26	4.7 (0.3)	5.6 (1.4)	3.8 (0.7)	8.5 (1.3)	4.3 (1.4)	3.3 (0.7)	3.1 (0.5)	2.3 (0.4)	3.6 (0.5)	4.2 (0.7)	6.8 (0.7)
No rank	17	16	2.8 (0.4)	1.8 (0.9)	3.3 (0.8)	2.9 (0.9)	0.5 (0.4)	5.8 (1.5)	1.1 (0.3)	3.7 (0.7)	2.3 (0.4)	2.3 (0.5)	4.0 (0.7)

See notes at end of table.

Table 236. Full-time and part-time instructional faculty and staff in degree-granting institutions, by field and faculty characteristics: Fall 1992 and fall 1998—Continued

Faculty characteristic	Number in thousands, 1992	Fall 1998											
		Number in thousands	All fields	Agriculture and home economics	Business	Education	Engineering	Fine arts	Health	Humanities	Natural sciences	Social sciences	Other
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Part-time instructional faculty and staff											
Part-time, in thousands	377	416	416.0 (5.9)	2.5 (0.2)	31.6 (1.8)	33.6 (1.6)	9.3 (0.8)	38.1 (1.5)	48.7 (2.2)	74.1 (2.1)	65.5 (2.2)	41.2 (2.4)	71.6 (2.1)
Percent	†	†	100.0 (†)	0.6 (0.1)	7.6 (0.6)	8.1 (0.5)	2.2 (0.3)	9.2 (0.5)	11.7 (0.7)	17.8 (0.7)	15.7 (0.7)	9.9 (0.7)	17.2 (0.8)
		Percentage distribution of part-time faculty											
Total	377	416	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Sex													
Male	209	217	52.2 (1.1)	34.5 (10.1)	61.9 (4.1)	28.2 (2.8)	95.8 (1.6)	48.5 (3.1)	41.3 (3.8)	44.3 (2.2)	62.8 (2.3)	55.1 (3.7)	61.8 (2.8)
Female	168	199	47.9 (1.1)	65.5 (10.1)	38.1 (4.1)	71.8 (2.8)	4.2 (1.6)	51.5 (3.1)	58.7 (3.8)	55.7 (2.2)	37.3 (2.3)	44.9 (3.7)	38.2 (2.8)
Race/ethnicity													
White, non-Hispanic	333	364	87.6 (0.7)	88.2 (7.0)	91.1 (1.7)	89.2 (2.1)	75.0 (6.2)	92.4 (1.7)	90.2 (1.5)	86.6 (1.4)	86.8 (1.5)	85.2 (2.3)	86.3 (2.2)
Black, non-Hispanic	18	19	4.5 (0.4)	1.3 (1.3)	5.4 (1.4)	5.1 (1.4)	4.9 (2.5)	2.9 (0.9)	2.8 (0.7)	2.7 (0.6)	6.0 (1.1)	8.1 (1.7)	4.4 (0.9)
Hispanic	11	16	3.7 (0.4)	3.9 (3.1)	1.4 (0.4)	3.5 (1.1)	11.2 (5.7)	3.1 (1.3)	1.9 (0.5)	5.8 (1.0)	2.4 (0.5)	4.8 (1.4)	4.1 (0.8)
Asian/Pacific Islander	12	13	3.2 (0.4)	6.6 (6.3)	2.2 (0.6)	0.5 (0.3)	8.1 (2.6)	1.0 (0.3)	3.7 (0.9)	3.7 (0.8)	4.3 (0.8)	1.0 (0.3)	4.3 (2.0)
American Indian/Alaska Native	2	4	1.0 (0.2)	# (#)	# (#)	1.9 (1.3)	0.9 (0.9)	0.7 (0.4)	1.4 (0.8)	1.3 (0.5)	0.5 (0.3)	0.9 (0.4)	1.0 (0.7)
Age													
Under 30	20	15	3.6 (0.4)	# (#)	1.3 (0.5)	1.6 (0.5)	# (#)	5.3 (1.7)	2.0 (0.6)	7.4 (1.4)	3.8 (0.9)	3.4 (0.8)	2.4 (0.5)
30 to 34	36	37	8.9 (0.7)	15.9 (7.6)	9.4 (4.2)	5.1 (1.5)	3.7 (2.4)	8.6 (1.9)	7.7 (1.8)	9.7 (1.3)	7.9 (1.0)	9.1 (2.5)	11.6 (1.8)
35 to 39	59	47	11.4 (0.7)	25.6 (8.0)	8.1 (1.5)	9.3 (2.1)	13.4 (4.8)	14.6 (2.4)	15.5 (2.9)	7.1 (1.0)	13.6 (1.8)	8.8 (1.7)	12.6 (1.7)
40 to 44	70	60	14.5 (0.8)	18.0 (5.5)	13.7 (2.2)	8.9 (2.0)	19.7 (6.2)	20.4 (2.7)	17.0 (2.2)	13.0 (1.7)	12.8 (1.7)	14.7 (2.0)	16.1 (2.3)
45 to 49	68	72	17.3 (0.8)	18.4 (8.1)	15.6 (2.6)	16.4 (2.8)	8.0 (2.5)	16.5 (1.8)	23.9 (2.4)	14.5 (1.4)	14.9 (1.8)	22.3 (3.9)	18.0 (2.0)
50 to 54	45	70	16.8 (0.8)	16.5 (6.9)	20.1 (2.9)	24.1 (2.8)	14.7 (3.4)	14.9 (1.9)	16.4 (2.4)	15.7 (1.5)	17.3 (2.0)	15.4 (2.6)	15.5 (1.9)
55 to 59	29	47	11.3 (0.6)	# (#)	13.4 (2.0)	8.7 (1.4)	17.2 (5.2)	8.7 (1.5)	6.5 (1.4)	13.1 (1.6)	15.3 (2.0)	10.8 (1.8)	10.4 (1.4)
60 to 64	23	29	6.9 (0.5)	3.2 (3.1)	8.3 (1.8)	13.3 (2.8)	6.8 (2.1)	4.9 (1.3)	3.0 (0.8)	7.8 (1.2)	6.1 (1.0)	9.3 (2.4)	5.3 (1.1)
65 or older	27	38	9.2 (0.6)	2.4 (2.4)	10.2 (2.3)	12.8 (1.8)	16.5 (4.4)	6.1 (1.2)	8.1 (1.5)	11.7 (1.4)	8.4 (1.5)	6.3 (1.5)	8.3 (1.8)
Degree													
Less than bachelor's	17	20	4.9 (0.5)	11.6 (5.4)	3.1 (1.4)	0.5 (0.3)	3.7 (1.7)	3.3 (0.9)	7.7 (1.8)	0.2 (0.1)	4.3 (1.3)	0.2 (0.2)	13.4 (1.8)
Bachelor's	63	59	14.1 (0.7)	20.0 (8.2)	18.0 (2.8)	11.9 (2.9)	19.1 (4.4)	27.0 (3.3)	15.1 (2.1)	7.1 (1.1)	14.1 (1.7)	4.1 (1.3)	17.7 (1.9)
Master's	190	225	54.1 (1.2)	54.6 (8.8)	65.7 (3.4)	59.7 (3.5)	32.3 (6.7)	59.5 (3.3)	34.8 (3.7)	69.6 (2.0)	57.6 (2.4)	56.3 (0.4)	39.3 (2.8)
First-professional	40	36	8.7 (0.8)	2.7 (2.7)	3.8 (1.0)	2.1 (0.6)	4.2 (2.3)	1.4 (0.5)	33.3 (4.3)	2.9 (0.7)	2.7 (0.8)	6.7 (1.6)	15.2 (2.0)
Doctorate	59	76	18.2 (0.8)	11.1 (4.7)	9.4 (2.0)	25.8 (2.9)	40.7 (7.1)	8.7 (1.6)	9.0 (1.6)	20.2 (1.8)	21.3 (2.0)	32.8 (3.3)	14.5 (2.1)
Rank													
Full professor	32	30	7.3 (0.7)	5.63 (3.9)	6.3 (2.0)	4.3 (1.0)	16.8 (4.1)	6.5 (1.7)	8.1 (1.9)	6.7 (1.1)	7.4 (1.6)	10.0 (4.0)	7.3 (1.4)
Associate professor	23	19	4.7 (0.5)	3.01 (3.0)	3.7 (1.0)	3.5 (1.0)	9.9 (4.5)	3.0 (0.9)	11.3 (1.9)	2.4 (0.7)	4.1 (1.0)	5.5 (1.7)	3.8 (1.0)
Assistant professor	24	23	5.6 (0.6)	2.58 (2.4)	3.0 (0.8)	4.5 (1.0)	2.2 (1.2)	5.7 (1.4)	16.8 (3.7)	3.3 (0.7)	3.4 (0.7)	6.2 (1.1)	4.3 (0.9)
Instructor or lecturer	215	205	49.4 (1.2)	64.47 (9.0)	50.6 (4.2)	43.5 (3.3)	37.5 (6.4)	53.4 (3.1)	46.0 (3.9)	54.9 (2.3)	51.0 (2.5)	43.2 (3.6)	48.9 (2.9)
Lecturer	45	46	11.1 (0.8)	10.23 (4.4)	11.4 (2.3)	12.9 (2.8)	9.3 (2.8)	14.5 (2.5)	5.9 (1.6)	11.9 (1.5)	10.8 (1.6)	12.8 (2.4)	11.3 (2.6)
Other/no rank	28	75	18.1 (0.8)	11.46 (5.0)	21.0 (2.6)	24.8 (2.8)	18.1 (4.6)	12.0 (1.8)	10.8 (1.5)	17.6 (1.8)	17.1 (1.7)	20.2 (2.4)	21.7 (2.3)
No rank	9	16	4.0 (0.4)	2.62 (2.6)	4.1 (1.6)	6.4 (2.2)	6.2 (4.2)	5.0 (1.1)	1.3 (0.4)	3.3 (0.7)	6.1 (1.2)	2.1 (0.7)	2.7 (0.6)

† Not applicable.
Rounds to zero.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1993 National Study of Postsecondary Faculty (NSOPF:93) and 1999 National Study of Postsecondary Faculty (NSOPF:99). (This table was prepared July 2001.)

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Standard errors appear in parentheses. Detail may not sum to totals due to survey item nonresponse and rounding.

Table 237. Full-time and part-time instructional faculty and staff in degree-granting institutions, by race/ethnicity, sex, and program area: Fall 1992 and fall 1998

Program area	Number in thousands, 1992	Fall 1998												
		Number in thousands	Percent	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian/Pacific Islander		American Indian/Alaska Native		
				Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Full-time instructional faculty and staff														
Total	528	560 (4.8)	100.0	54.5 (0.6)	30.6 (0.5)	2.6 (0.2)	2.5 (0.2)	2.0 (0.2)	1.3 (0.1)	4.0 (0.2)	1.8 (0.2)	0.5 (0.1)	0.2 (0.0)	
Agriculture and home economics ..	11	10 (0.4)	100.0	74.3 (2.9)	16.4 (2.4)	1.7 (0.7)	2.3 (1.0)	1.2 (0.6)	0.1 (0.1)	2.2 (0.9)	0.7 (0.4)	1.0 (1.0)	# (#)	
Business	40	39 (1.1)	100.0	54.7 (2.2)	32.0 (2.1)	3.8 (0.7)	1.5 (0.3)	1.0 (0.3)	0.7 (0.3)	4.4 (0.7)	0.8 (0.3)	1.2 (0.8)	0.1 (0.1)	
Communications	10	10 (1.0)	100.0	60.8 (5.0)	26.7 (3.8)	3.5 (1.1)	1.9 (0.8)	0.8 (0.3)	2.3 (0.9)	2.8 (1.7)	1.0 (0.8)	# (#)	0.3 (0.3)	
Education	37	40 (1.4)	100.0	37.9 (2.6)	45.9 (2.4)	2.4 (0.4)	6.2 (1.4)	1.4 (0.4)	1.8 (0.4)	0.7 (0.3)	2.9 (0.9)	0.1 (0.1)	0.7 (0.3)	
Teacher education	12	14 (0.6)	100.0	33.1 (3.4)	52.6 (3.7)	2.2 (0.6)	7.7 (3.3)	0.2 (0.1)	1.2 (0.5)	0.3 (0.4)	2.5 (1.0)	# (#)	0.3 (0.3)	
Other education	25	26 (1.3)	100.0	40.4 (3.5)	42.3 (3.1)	2.5 (0.6)	5.4 (1.2)	2.1 (0.6)	2.2 (0.5)	0.9 (0.4)	3.1 (1.2)	0.2 (0.2)	0.9 (0.4)	
Engineering	24	25 (0.9)	100.0	69.9 (2.6)	7.1 (1.6)	2.3 (0.6)	0.1 (0.1)	3.5 (1.3)	0.4 (0.2)	14.5 (1.9)	1.6 (0.8)	0.6 (0.4)	# (#)	
Fine arts	32	33 (1.4)	100.0	60.7 (2.6)	28.5 (2.3)	4.6 (1.0)	2.1 (0.6)	0.9 (0.3)	0.3 (0.1)	1.9 (0.5)	0.5 (0.2)	0.5 (0.3)	0.1 (0.1)	
Health sciences	79	84 (2.0)	100.0	42.7 (1.7)	42.8 (1.5)	1.3 (0.3)	3.1 (0.4)	1.7 (0.3)	1.6 (0.4)	3.8 (0.6)	2.4 (0.4)	0.4 (0.2)	0.4 (0.1)	
First-professional	37	40 (1.6)	100.0	60.9 (2.5)	22.9 (2.2)	1.1 (0.3)	1.7 (0.4)	2.8 (0.7)	0.8 (0.2)	6.2 (1.1)	3.4 (0.7)	0.2 (0.2)	0.1 (0.1)	
Nursing	22	20 (0.6)	100.0	3.5 (1.0)	83.9 (2.1)	0.0 (0.0)	6.4 (1.2)	0.1 (0.1)	3.6 (1.6)	0.2 (0.2)	1.4 (0.5)	# (#)	0.9 (0.4)	
Other health sciences	21	24 (1.0)	100.0	45.0 (3.2)	41.8 (2.8)	2.6 (0.9)	2.6 (0.7)	1.2 (0.5)	1.4 (0.5)	2.7 (1.0)	1.5 (0.5)	0.9 (0.5)	0.3 (0.2)	
Humanities	74	81 (1.8)	100.0	47.9 (1.7)	36.0 (1.5)	2.4 (0.7)	2.1 (0.5)	3.7 (0.7)	2.8 (0.5)	1.7 (0.5)	3.0 (0.7)	0.2 (0.1)	0.1 (0.1)	
English and literature	37	40 (1.2)	100.0	42.7 (2.4)	45.8 (2.3)	1.1 (0.3)	2.8 (0.6)	2.3 (0.8)	2.1 (0.8)	0.9 (0.3)	2.1 (0.7)	0.1 (0.1)	0.1 (0.1)	
Foreign languages	14	15 (0.8)	100.0	32.1 (3.5)	35.7 (3.5)	0.8 (0.4)	0.7 (0.4)	9.3 (2.1)	8.3 (1.8)	4.1 (2.2)	8.2 (2.8)	0.4 (0.4)	0.4 (0.4)	
History	15	14 (0.6)	100.0	59.0 (3.7)	26.2 (3.0)	3.6 (1.1)	3.5 (2.2)	3.4 (2.1)	1.3 (0.6)	0.9 (0.5)	1.5 (1.2)	0.7 (0.5)	# (#)	
Philosophy	8	12 (0.8)	100.0	72.1 (4.7)	15.1 (2.9)	7.0 (4.2)	0.4 (0.3)	2.0 (1.0)	0.0 (0.0)	2.3 (2.0)	1.0 (0.5)	# (#)	# (#)	
Law	9	8 (0.6)	100.0	60.2 (5.3)	29.8 (5.4)	1.9 (0.8)	3.0 (1.6)	1.1 (0.4)	0.2 (0.2)	0.3 (0.4)	2.1 (1.1)	1.3 (0.9)	# (#)	
Natural sciences	102	111 (2.1)	100.0	63.7 (1.3)	21.9 (1.1)	2.1 (0.3)	1.0 (0.2)	2.2 (0.4)	0.7 (0.3)	6.9 (0.6)	1.2 (0.2)	0.2 (0.0)	0.1 (0.1)	
Biological sciences	34	40 (1.3)	100.0	60.3 (2.3)	26.2 (2.0)	2.0 (0.5)	1.0 (0.3)	1.6 (0.4)	0.3 (0.2)	6.4 (1.1)	1.6 (0.4)	0.3 (0.2)	0.1 (0.1)	
Physical sciences	28	27 (0.8)	100.0	76.9 (2.1)	11.0 (1.5)	1.8 (0.6)	0.6 (0.5)	1.3 (0.4)	1.2 (1.0)	5.7 (1.0)	1.2 (0.4)	0.2 (0.2)	0.1 (0.1)	
Mathematics	25	26 (1.0)	100.0	59.3 (2.8)	21.4 (1.9)	3.3 (0.8)	1.1 (0.5)	3.7 (1.6)	1.1 (0.4)	9.2 (1.6)	1.0 (0.4)	# (#)	# (#)	
Computer sciences	14	17 (0.9)	100.0	57.2 (3.6)	29.4 (3.4)	1.1 (0.4)	1.3 (0.5)	2.7 (0.9)	0.4 (0.2)	6.6 (1.2)	0.7 (0.4)	0.6 (0.4)	# (#)	
Social sciences	58	58 (1.3)	100.0	58.0 (1.8)	26.0 (1.5)	3.1 (0.5)	3.6 (0.7)	1.8 (0.3)	1.2 (0.4)	3.7 (0.7)	1.3 (0.4)	1.0 (0.3)	0.3 (0.2)	
Economics	10	9 (0.6)	100.0	67.6 (4.4)	16.2 (3.1)	2.5 (0.9)	0.0 (0.0)	1.1 (0.6)	0.3 (0.2)	10.7 (3.6)	0.5 (0.4)	0.4 (0.4)	0.6 (0.6)	
Political science	9	8 (0.5)	100.0	69.7 (4.1)	17.5 (3.0)	3.5 (1.3)	2.9 (2.0)	3.2 (1.3)	1.1 (0.8)	1.3 (0.9)	0.8 (0.6)	# (#)	# (#)	
Psychology	18	20 (0.7)	100.0	54.8 (3.1)	31.7 (2.9)	2.3 (0.7)	3.4 (1.1)	1.5 (0.5)	1.6 (0.6)	2.0 (0.6)	1.0 (0.4)	1.7 (0.7)	0.2 (0.2)	
Sociology	10	9 (0.4)	100.0	55.0 (4.2)	31.1 (4.0)	2.5 (0.9)	3.9 (1.4)	1.6 (0.7)	0.4 (0.4)	2.2 (0.9)	2.7 (1.9)	0.5 (0.5)	# (#)	
Other social sciences	12	13 (0.6)	100.0	51.6 (3.7)	25.5 (2.9)	5.0 (1.3)	6.4 (2.2)	2.0 (0.7)	1.7 (1.2)	4.1 (1.4)	1.8 (0.8)	1.2 (0.7)	0.8 (0.4)	
Occupationally specific programs ...	15	16 (0.8)	100.0	72.6 (3.2)	12.9 (2.3)	3.5 (0.9)	2.5 (1.0)	2.7 (1.7)	0.1 (0.1)	3.0 (1.4)	0.5 (0.4)	2.4 (0.9)	0.0 (0.0)	
All other programs	28	44 (1.2)	100.0	49.0 (2.2)	36.6 (2.1)	3.8 (0.7)	3.2 (0.6)	1.6 (0.7)	1.1 (0.3)	2.1 (0.4)	2.1 (0.6)	0.0 (0.0)	0.4 (0.2)	
Part-time instructional faculty and staff														
Total	377	416 (5.9)	100.0	45.9 (1.0)	41.7 (1.0)	2.4 (0.3)	2.1 (0.2)	2.1 (0.3)	1.7 (0.2)	1.5 (0.2)	1.7 (0.4)	0.3 (0.1)	0.6 (0.2)	
Agriculture and home economics ...	3	3 (0.2)	100.0	31.5 (7.8)	56.8 (9.5)	0.0 (0.0)	1.3 (1.3)	3.1 (3.1)	0.8 (0.8)	# (#)	6.7 (6.4)	# (#)	# (#)	
Business	35	32 (1.8)	100.0	57.8 (4.0)	33.3 (4.2)	2.4 (0.8)	3.0 (1.0)	0.8 (0.3)	0.6 (0.2)	0.9 (0.4)	1.3 (0.5)	# (#)	# (#)	
Communications	10	10 (1.0)	100.0	43.6 (6.9)	50.2 (7.1)	1.7 (0.9)	1.0 (0.6)	1.4 (1.2)	0.6 (0.6)	1.1 (0.8)	0.4 (0.4)	# (#)	# (#)	
Education	31	34 (1.6)	100.0	25.4 (2.5)	63.8 (3.0)	1.9 (0.8)	3.1 (0.8)	0.6 (0.3)	2.8 (1.0)	# (#)	0.5 (0.3)	0.2 (0.2)	1.7 (1.3)	
Teacher education	12	13 (1.0)	100.0	20.2 (3.4)	65.0 (5.0)	2.4 (1.5)	4.4 (1.9)	1.1 (0.7)	2.6 (1.2)	# (#)	# (#)	0.6 (0.6)	3.7 (3.1)	
Other education	18	20 (1.2)	100.0	28.7 (3.4)	63.0 (3.8)	1.7 (0.9)	2.2 (0.6)	0.3 (0.2)	3.0 (1.4)	# (#)	0.8 (0.5)	# (#)	0.3 (0.4)	
Engineering	12	9 (0.8)	100.0	72.6 (6.0)	2.3 (1.4)	4.2 (2.4)	0.7 (0.5)	11.2 (5.7)	# (#)	6.9 (1.8)	1.2 (0.7)	0.9 (0.9)	# (#)	
Fine arts	33	38 (1.5)	100.0	43.7 (3.0)	48.6 (3.1)	2.5 (0.8)	0.3 (0.2)	1.5 (1.2)	1.5 (0.6)	0.2 (0.2)	0.8 (0.3)	0.5 (0.3)	0.2 (0.2)	
Health sciences	45	49 (2.2)	100.0	37.4 (3.3)	52.9 (3.2)	0.5 (0.2)	2.3 (0.6)	1.1 (0.4)	0.8 (0.2)	2.3 (0.8)	1.4 (0.5)	0.1 (0.1)	1.2 (0.8)	
First-professional	18	15 (1.3)	100.0	53.4 (5.7)	36.4 (5.3)	# (#)	1.1 (0.5)	2.1 (1.2)	0.6 (0.4)	4.5 (2.4)	1.9 (1.2)	# (#)	# (#)	
Nursing	10	12 (0.8)	100.0	3.5 (1.7)	84.9 (3.8)	0.3 (0.3)	4.1 (1.5)	0.3 (0.3)	1.4 (0.7)	# (#)	1.8 (0.9)	# (#)	3.7 (3.1)	
Other health sciences	17	21 (1.7)	100.0	44.6 (5.4)	47.0 (5.0)	0.9 (0.4)	2.1 (1.0)	0.8 (0.3)	0.6 (0.3)	2.0 (0.9)	0.9 (0.5)	0.3 (0.3)	0.8 (0.8)	
Humanities	60	74 (2.1)	100.0	39.1 (2.2)	47.6 (2.2)	1.3 (0.4)	1.4 (0.4)	2.4 (0.7)	3.4 (0.7)	1.0 (0.3)	2.7 (0.8)	0.6 (0.3)	0.7 (0.4)	
English and literature	37	43 (1.4)	100.0	31.1 (2.6)	58.5 (2.8)	0.9 (0.4)	1.9 (0.6)	1.0 (0.4)	2.1 (1.1)	1.0 (0.5)	2.4 (0.7)	# (#)	1.1 (0.7)	
Foreign languages	11	12 (1.2)	100.0	18.8 (6.1)	52.0 (6.3)	0.5 (0.5)	# (#)	7.9 (3.6)	12.5 (2.6)	0.9 (0.7)	7.5 (3.8)	# (#)	# (#)	
History	8	11 (0.7)	100.0	66.3 (4.9)	21.8 (4.1)	3.8 (1.8)	2.0 (1.7)	2.6 (1.1)	1.3 (0.8)	# (#)	# (#)	2.1 (1.2)	# (#)	
Philosophy	4	9 (0.6)	100.0	72.8 (5.0)	18.6 (4.4)	0.8 (0.8)	# (#)	1.6 (1.0)	# (#)	2.4 (1.3)	0.5 (0.5)	2.6 (1.5)	0.7 (0.5)	
Law	14	11 (0.8)	100.0	67.2 (5.2)	19.9 (3.9)	2.7 (1.6)	0.3 (0.3)	2.9 (1.4)	2.2 (2.0)	2.9 (2.5)	1.2 (0.8)	0.7 (0.7)	# (#)	
Natural sciences	65	65 (2.2)	100.0	54.4 (2.5)	32.4 (2.3)	3.9 (0.9)	2.0 (0.5)	1.4 (0.3)	1.1 (0.3)	2.9 (0.7)	1.4 (0.4)	0.2 (0.2)	0.3 (0.3)	
Biological sciences	12	11 (0.9)	100.0	54.6 (6.0)	36.7 (5.8)	2.2 (1.1)	1.0 (0.8)	0.2 (0.2)	0.7 (0.7)	1.2 (0.8)	2.7 (1.3)	0.7 (0.7)	# (#)	
Physical sciences	11	11 (0.8)	100.0	71.9 (4.4)	19.4 (3.7)	1.3 (0.8)	1.3 (0.8)	0.8 (0.4)	0.7 (0.7)	4.3 (2.4)	0.4 (0.4)	# (#)	# (#)	
Mathematics	25	24 (1.4)	100.0	45.9 (4.2)	36.5 (4.0)	6.6 (2.2)	2.3 (0.9)	1.9 (0.6)	1.8 (0.7)	2.8 (0.9)	1.7 (0.7)	0.3 (0.3)	# (#)	
Computer sciences	13	19 (1.2)	100.0	55.3 (4.6)	31.9 (4.4)	2.9 (1.2)	2.7 (1.2)	1.6 (0.7)	0.6 (0.4)	3.1 (1.4)	0.9 (0.5)	# (#)	1.0 (1.0)	
Social sciences	34	41 (2.4)	100.0	46.2 (3.8)	39.0 (3.5)	4.2 (1.5)	3.9 (1.0)	3.5 (1.4)	1.4 (0.5)	0.5 (0.2)	0.5 (0.2)	0.7 (0.4)	0.2 (0.2)	
Economics	3	4 (0.5)	100.0	73.9 (8.8)	16.9 (6.8)	# (#)	5.2 (5.1)	1.3 (1.0)	# (#)	2.7 (1.7)	# (#)	# (#)	# (#)	
Political science	3	4 (0.4)	100.0	75.8 (6.5)	17.6 (5.8)	3.4 (1.8)	0.9 (0.9)	2.4 (1.3)	# (#)	# (#)	# (#)	# (#)	# (#)	
Psychology	16	18 (2.1)	100.0	45.4 (7.1)	47.4 (6.8)	2.6 (1.3)	1.8 (0.8)	1.8 (0.8)	0.8 (0.6)	# (#)	0.2 (0.2)	# (#)	# (#)	
Sociology	4	6 (0.5)	100.0	37.8 (7.3)	43.7 (7.2)	5.4 (3.3)	3.9 (1.8)	0.8 (0.6)	4.6 (2.2)	# (#)	1.3 (1.0)	1.1 (1.1)	1.2 (1.2)	
Other social sciences	8	10 (0.9)	100.0	31.4 (5.5)	37.4 (6.2)	8.2 (5.4)	8.4 (3.0)	9.1 (5.1)	1.4 (1.2)	1.0 (0.7)	0.9 (0.6)	2.3 (1.3)	# (#)	
Occupationally specific programs ...	16	17 (1.1)	100.0	68.6 (4.2)	11.8 (3.1)	2.2 (0.8)	2.2 (1.3)	2.9 (1.4)	0.6 (0.6)	0.9 (0.7)	8.0 (0.7)	# (#)	2.7 (2.7)	
All other programs	20	35 (1.6)	100.0	45.0 (3.4)	40.6 (3.3)	2.4 (0.8)	3.6 (1.2)	2.6 (0.8)	1.9 (0.8)	1.6 (0.5)	1.9 (0.6)	# (#)	0.3 (0.3)	

Rounds to zero.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Standard errors appear in parentheses. Detail may not sum to totals due to rounding and nonresponse to program area question.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1993 National Study of Postsecondary Faculty (NSOPF:93) and 1999 National Study of Postsecondary Faculty (NSOPF:99). (This table was prepared September 2001.)

Table 238. Average base salaries of full-time instructional faculty and staff in degree-granting institutions, by type and control of institution and field of instruction: 1987-88, 1992-93, and 1998-99

Field of instruction	All institutions	Total public	Total private	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
1987-88 academic year salaries in 1998-99 dollars¹												
All fields	\$55,854	\$56,369	\$54,707	\$67,095	\$73,504	\$62,374	\$66,053	\$52,347	\$45,676	\$40,940	\$46,002	\$43,522
Agriculture and home economics	55,937	56,238	50,887	62,840	70,212	50,221	50,221	54,184	52,320	33,942	46,996	40,744
Business	52,232	52,858	38,709	67,212	52,945	56,756	50,006	50,119	38,674	33,942	47,487	40,744
Education	46,754	49,084	63,606	52,945	70,842	50,006	50,006	48,218	38,674	33,942	42,478	40,744
Engineering	60,279	59,354	39,677	70,842	52,945	61,341	58,089	58,089	59,433	39,811	42,478	40,744
Fine arts	43,686	45,656	39,677	46,522	44,049	44,049	44,049	46,428	38,294	39,811	46,428	40,744
Health	74,879	74,402	75,836	84,801	89,061	82,043	77,670	66,948	55,049	44,016	42,736	40,156
Humanities	48,973	50,903	46,026	53,482	58,556	45,403	53,467	51,491	42,818	44,016	50,175	40,156
Natural sciences	55,197	55,875	53,677	66,898	71,267	57,628	54,158	53,895	44,750	43,593	45,824	43,292
Social sciences	53,376	53,690	52,794	66,898	70,472	57,628	54,158	53,895	44,750	43,593	47,393	43,292
Other	51,619	51,073	52,914	60,779	70,472	52,444	52,444	48,318	41,253	41,253	43,595	51,179
1992-93 academic year salaries in 1998-99 dollars¹												
All fields	\$4,068	\$3,991	\$4,253	\$5,162	\$3,848	\$9,453	\$4,663	\$0,204	\$9,937	\$4,435	\$5,429	\$6,708
Agriculture and home economics	55,194	55,978	54,253	63,191	73,848	59,453	64,663	50,204	49,937	43,435	45,429	46,708
Business	56,827	57,672	54,628	63,191	73,848	51,351	62,768	50,078	62,095	37,315	45,934	38,776
Education	48,541	49,942	43,429	75,283	57,519	67,893	56,862	55,113	43,826	37,427	48,508	47,592
Engineering	64,154	64,562	62,561	77,097	70,520	61,853	63,542	47,860	52,938	37,427	44,618	64,692
Fine arts	46,842	45,354	49,095	47,722	99,540	45,463	43,725	45,191	41,344	43,597	43,320	39,367
Health	64,216	62,454	68,946	84,816	84,369	73,701	76,335	44,229	52,734	48,907	41,318	48,373
Humanities	47,301	48,027	45,756	50,818	51,599	45,787	49,559	47,027	47,384	43,485	47,545	42,193
Natural sciences	55,636	54,837	57,646	63,995	77,546	59,677	65,418	53,016	53,875	43,332	45,776	48,653
Social sciences	53,060	53,225	52,722	61,347	68,456	56,233	57,153	50,435	45,992	46,747	46,540	51,246
Other	51,482	50,141	54,295	58,886	75,831	50,540	71,409	52,363	48,167	42,065	43,487	45,255
1998-99 academic year salaries in 1998-99 dollars¹												
All fields	\$6,851 (394)	\$6,060 (433)	\$9,124 (869)	\$6,399 (816)	\$1,574 (2,507)	\$5,466 (1,851)	\$70,240 (1,985)	\$0,143 (576)	\$49,374 (1,122)	\$43,600 (711)	\$44,636 (424)	\$47,227 (1,599)
Agriculture and home economics	58,434 (2,366)	60,698 (1,765)	58,758 (1,993)	67,336 (2,353)	80,949 (7,916)	55,237 (4,834)	69,354 (5,706)	58,622 (1,567)	59,245 (1,861)	42,328 (2,927)	44,227 (2,087)	42,440 (4,921)
Business	55,837 (9,004)	54,599 (1,147)	46,194 (1,827)	69,241 (3,356)	53,412 (1,768)	46,385 (2,852)	49,261 (1,795)	49,261 (1,992)	43,677 (1,918)	40,857 (2,031)	46,141 (1,238)	41,434 (3,714)
Education	47,789 (9,004)	48,263 (1,425)	67,688 (2,988)	69,867 (2,400)	76,075 (4,982)	64,345 (2,396)	52,625 (4,992)	52,625 (4,992)	57,909 (5,842)	45,102 (1,691)	43,324 (1,301)	36,592 (3,202)
Engineering	63,401 (1,302)	62,265 (1,425)	47,061 (2,802)	49,342 (2,822)	100,068 (7,573)	41,907 (1,276)	76,335 (4,398)	44,774 (1,470)	49,828 (6,924)	43,471 (1,677)	45,957 (2,312)	53,383 (3,385)
Fine arts	45,655 (1,161)	45,109 (1,150)	84,877 (3,705)	85,518 (2,776)	100,068 (7,573)	85,842 (4,398)	93,003 (4,958)	53,179 (2,732)	47,376 (4,070)	44,588 (3,674)	43,617 (1,142)	36,592 (3,202)
Health	75,238 (1,516)	71,755 (1,550)	47,865 (766)	53,929 (1,985)	57,033 (4,251)	85,842 (4,398)	49,336 (2,610)	46,577 (1,065)	46,463 (1,777)	43,199 (1,583)	45,046 (1,201)	43,203 (1,889)
Humanities	47,697 (646)	47,865 (766)	47,290 (1,202)	53,929 (1,985)	57,033 (4,251)	64,037 (2,548)	61,723 (3,056)	51,150 (1,328)	47,764 (1,989)	42,635 (1,331)	44,127 (878)	55,565 (5,206)
Natural sciences	57,331 (719)	56,929 (777)	58,548 (1,671)	65,951 (1,381)	79,784 (3,981)	64,443 (1,855)	58,922 (3,083)	53,419 (1,120)	46,434 (1,794)	47,318 (2,362)	47,190 (1,587)	49,232 (3,892)
Social sciences	58,714 (1,778)	59,450 (2,255)	56,785 (2,450)	69,074 (3,122)	80,645 (6,527)	69,589 (13,661)	65,125 (3,585)	45,854 (1,774)	52,818 (3,009)	43,143 (1,878)	43,662 (1,020)	46,653 (3,863)
Other	52,150 (878)	50,422 (918)	57,596 (2,087)	59,896 (2,037)	80,645 (6,527)	56,448 (2,404)	65,125 (3,585)	45,854 (1,774)	52,818 (3,009)	43,143 (1,878)	43,662 (1,020)	46,653 (3,863)

† Reporting standards not met.
¹ Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1988 National Study of Postsecondary Faculty (NSOPF:88), 1993 National Study of Postsecondary Faculty (NSOPF:93), and 1999 National Study of Postsecondary Faculty (NSOPF:99). (This table was prepared October 2001.)

Table 239. Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions, by academic rank, control and type of institution, and sex: 1970–71 to 2001–02

Academic year and sex	All faculty	Academic rank						Public institutions			Private institutions		
		Professor	Associate professor	Assistant professor	Instructor	Lecturer	No rank	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Current dollars													
Total													
1970–71	\$12,710	\$17,958	\$13,563	\$11,176	\$9,360	\$11,196	\$12,333	\$12,953	\$13,121	\$12,644	\$11,619	\$11,824	\$8,664
1972–73	13,856	19,191	14,580	12,032	10,737	11,637	12,676	14,016	14,417	12,919	13,452	13,622	9,288
1974–75	15,622	21,277	16,146	13,295	12,691	12,575	13,532	15,879	16,271	14,897	14,912	15,092	10,242
1975–76	16,659	22,649	17,065	13,986	13,672	12,906	15,196	16,942	17,400	15,820	15,921	16,116	10,901
1976–77	17,560	23,792	17,905	14,662	13,835	13,431	16,634	17,845	18,313	16,685	16,787	16,977	11,637
1977–78	18,709	25,133	18,987	15,530	12,504	14,528	17,831	19,045	19,517	17,895	17,773	17,966	12,191
1978–79	19,820	26,470	20,047	16,374	13,193	15,281	18,725	20,179	20,722	18,844	18,807	19,010	12,496
1979–80	21,348	28,388	21,451	17,465	14,023	16,122	20,262	21,798	22,349	20,429	20,105	20,318	13,250
1980–81	23,302	30,753	23,214	18,901	15,178	17,301	22,334	23,745	24,373	22,177	22,093	22,325	15,065
1981–82	25,449	33,437	25,278	20,608	16,450	18,756	24,331	25,886	26,591	24,193	24,255	24,509	15,926
1982–83	27,196	35,540	26,921	22,056	17,601	20,072	25,557	27,488	28,293	25,567	26,393	26,691	16,595
1984–85	30,447	39,743	29,945	24,668	20,230	22,334	27,683	30,646	31,764	27,864	29,910	30,247	18,510
1985–86	32,392	42,268	31,787	26,277	20,918	23,770	29,088	32,750	34,033	29,590	31,402	31,732	19,436
1987–88	35,897	47,040	35,231	29,110	22,728	25,977	31,532	36,231	37,840	32,209	35,049	35,346	21,867
1989–90	40,133	52,810	39,392	32,689	25,030	28,990	34,559	40,416	42,365	35,516	39,464	39,817	24,601
1990–91	42,165	55,540	41,414	34,434	26,332	30,097	36,395	42,317	44,510	37,055	41,788	42,224	24,088
1991–92	43,851	57,433	42,929	35,745	30,916	30,456	37,783	43,641	45,638	38,959	44,376	44,793	25,673
1992–93	44,714	58,788	43,945	36,625	28,499	30,543	37,771	44,197	46,515	38,935	45,985	46,427	26,105
1993–94	46,364	60,649	45,278	37,630	28,828	32,729	40,584	45,920	48,019	41,040	47,465	47,880	28,435
1994–95	47,811	62,709	46,713	38,756	29,665	33,198	41,227	47,432	49,738	42,101	48,741	49,379	25,613
1995–96	49,309	64,540	47,966	39,696	30,344	34,136	42,996	48,837	51,172	43,295	50,466	50,819	31,915
1996–97	50,829	66,659	49,307	40,687	31,193	34,962	44,200	50,303	52,718	44,584	52,117	52,443	32,628
1997–98	52,335	68,731	50,828	41,830	32,449	35,484	45,268	51,638	54,114	45,919	54,039	54,379	33,592
1998–99	54,097	71,322	52,576	43,348	33,819	36,819	46,250	53,319	55,948	47,285	55,981	56,284	34,821
1999–2000	55,888	74,410	54,524	44,978	34,918	38,194	47,389	55,011	57,950	48,240	58,013	58,323	35,925
2001–02	59,742	80,792	58,724	48,796	46,959	41,798	46,569	58,524	62,013	50,837	62,818	63,088	33,139
Men													
1972–73	14,422	19,414	14,723	12,193	11,147	12,106	13,047	14,545	14,944	13,268	14,116	14,253	9,571
1974–75	16,303	21,532	16,282	13,458	13,350	13,232	14,008	16,522	16,918	15,350	15,709	15,852	10,633
1975–76	17,414	22,902	17,209	14,174	14,430	13,579	15,761	17,661	18,121	16,339	16,784	16,946	11,378
1976–77	18,378	24,029	18,055	14,851	14,147	14,147	17,253	18,620	19,091	17,235	17,736	17,891	12,193
1977–78	19,575	25,370	19,133	15,726	12,729	15,181	18,459	19,867	20,347	18,479	18,783	18,935	12,759
1978–79	20,777	26,727	20,221	16,602	13,441	15,927	19,400	21,080	21,628	19,475	19,935	20,086	13,048
1979–80	22,394	28,672	21,651	17,720	14,323	16,932	20,901	22,789	23,350	21,131	21,317	21,472	13,938
1980–81	24,499	31,082	23,451	19,227	15,545	18,281	23,170	24,873	25,509	22,965	23,493	23,669	16,075
1981–82	26,796	33,799	25,553	21,025	16,906	19,721	25,276	27,149	27,864	25,085	25,849	26,037	16,834
1982–83	28,664	35,956	27,262	22,586	18,160	21,225	26,541	28,851	29,661	26,524	28,159	28,300	17,346
1984–85	32,182	40,269	30,392	25,330	21,159	23,557	28,670	32,240	33,344	28,891	32,028	32,278	19,460
1985–86	34,294	42,833	32,273	27,094	21,693	25,238	30,267	34,528	35,786	30,758	33,656	33,900	20,412
1987–88	38,112	47,735	35,823	30,086	23,645	27,652	32,747	38,314	39,998	33,477	37,603	37,817	22,641
1989–90	42,763	53,650	40,131	33,781	25,933	31,162	35,980	42,959	44,834	37,081	42,312	42,595	25,218
1990–91	45,065	56,549	42,239	35,636	27,388	32,398	38,036	45,084	47,168	38,877	45,019	45,319	25,937
1991–92	46,848	58,494	43,814	36,969	33,359	32,843	39,422	46,483	48,401	40,811	47,733	48,042	26,825
1992–93	47,866	59,972	44,855	37,842	29,583	32,512	39,365	47,175	49,392	40,725	49,518	49,837	27,402
1993–94	49,579	61,857	46,229	38,794	29,815	34,796	42,251	48,956	50,989	42,938	51,076	51,397	30,783
1994–95	51,228	64,046	47,705	39,923	30,528	35,082	43,103	50,629	52,874	44,020	52,653	53,036	29,639
1995–96	52,814	65,949	49,037	40,858	30,940	36,135	44,624	52,163	54,448	45,209	54,364	54,649	33,301
1996–97	54,465	68,214	50,457	41,864	31,738	36,932	45,688	53,737	56,162	46,393	56,185	56,453	34,736
1997–98	56,115	70,468	52,041	43,017	33,070	37,481	46,822	55,191	57,744	47,690	58,293	58,576	36,157
1998–99	58,048	73,260	53,830	44,650	34,741	38,976	47,610	57,038	59,805	48,961	60,392	60,641	38,040
1999–2000	60,084	76,478	55,939	46,414	35,854	40,202	48,788	58,984	62,030	50,033	62,631	62,905	38,636
2001–02	64,320	83,356	60,300	50,518	48,844	44,519	48,049	62,835	66,577	52,360	67,871	68,100	33,395
Women													
1972–73	11,925	17,123	13,827	11,510	10,098	10,775	11,913	12,250	12,300	12,165	11,044	11,219	8,888
1974–75	13,471	19,012	15,481	12,858	11,740	11,543	12,619	13,892	13,831	13,987	12,233	12,423	9,735
1975–76	14,308	20,308	16,364	13,522	12,572	11,901	14,094	14,762	14,758	14,769	13,030	13,231	10,201
1976–77	15,100	21,536	17,189	14,225	11,589	12,397	15,467	15,573	15,539	15,628	13,709	13,899	10,850
1977–78	16,159	22,943	18,325	15,109	12,288	13,688	16,637	16,684	16,619	16,785	14,597	14,799	11,470
1978–79	17,080	24,143	19,300	15,914	12,966	14,465	17,482	17,646	17,627	17,676	15,388	15,611	11,898
1979–80	18,396	25,910	20,642	16,974	13,750	15,142	19,069	19,042	18,985	19,134	16,539	16,787	12,541
1980–81	19,906	27,959	22,295	18,302	14,854	16,168	20,843	20,673	20,608	20,778	18,073	18,326	13,892
1981–82	21,802	30,438	24,271	19,866	16,054	17,676	22,672	22,524	22,454	22,632	19,743	20,024	14,984
1982–83	23,261	32,221	25,738	21,130	17,102	18,830	23,855	23,892	23,876	23,917	21,451	21,785	15,845
1984–85	25,941	35,824	28,517	23,575	19,362	21,004	26,050	26,566	26,813	26,172	24,186	24,560	17,575
1985–86	27,576	38,252	30,300	24,966	20,237	22,273	27,171	28,299	28,680	27,693	25,523	25,889	18,504
1987–88	30,499	42,371	33,528	27,600	21,962	24,370	29,605	31,215	31,820	30,228	28,621	28,946	21,215
1989–90	34,183	47,663	37,469	31,090	24,320	26,995	32,528	34,796	35,704	33,307	32,650	33,010	24,002
1990–91	35,881	49,728	39,329	32,724	25,534	28,111	34,179	36,459	37,573	34,720	34,359	34,898	22,585
1991–92	37,534	51,											

Table 239. Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions, by academic rank, control and type of institution, and sex: 1970-71 to 2001-02—Continued

Academic year and sex	All faculty	Academic rank						Public institutions			Private institutions		
		Professor	Associate professor	Assistant professor	Instructor	Lecturer	No rank	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Constant 2001-02 dollars													
Total													
1970-71	\$57,011	\$80,551	\$60,840	\$50,132	\$41,984	\$50,221	\$55,322	\$58,104	\$58,858	\$56,716	\$52,116	\$53,039	\$38,864
1972-73	57,677	79,882	60,691	50,083	44,692	48,438	52,765	58,342	60,011	53,775	55,995	56,702	38,663
1974-75	53,748	73,204	55,552	45,740	43,662	43,266	46,558	54,632	55,982	51,255	51,304	51,924	35,237
1975-76	53,526	72,774	54,832	44,939	43,931	41,468	48,826	54,436	55,908	50,830	51,155	51,784	35,025
1976-77	53,314	72,234	54,360	44,516	43,932	40,778	50,501	54,178	55,600	50,656	50,965	51,542	35,330
1977-78	53,226	71,505	54,019	44,184	35,573	41,332	50,730	54,184	55,527	50,911	50,566	51,112	34,682
1978-79	51,559	68,859	52,150	42,595	34,319	39,750	48,709	52,492	53,905	49,019	48,924	49,450	32,506
1979-80	49,001	65,160	49,236	40,088	32,186	37,004	46,507	50,034	51,297	46,891	46,146	46,635	30,413
1980-81	47,933	63,260	47,752	38,880	31,222	35,589	45,942	48,845	50,136	45,619	45,446	45,924	30,989
1981-82	48,187	63,312	47,863	39,021	31,148	35,514	46,070	49,014	50,350	45,809	45,927	46,408	30,155
1982-83	49,375	64,523	48,875	40,043	31,955	36,441	46,399	49,905	51,366	46,417	47,917	48,458	30,128
1984-85	51,296	66,957	50,450	41,560	34,083	37,627	46,639	51,631	53,515	46,944	50,391	50,959	31,185
1985-86	53,043	69,215	52,052	43,030	34,254	38,924	47,633	53,629	55,730	48,455	51,422	51,962	31,827
1987-88	55,218	72,359	54,194	44,778	34,960	39,958	48,504	55,732	58,207	49,545	53,914	54,370	33,637
1989-90	56,321	74,111	55,282	45,875	35,126	40,684	48,498	56,718	59,453	49,842	55,382	55,878	34,524
1990-91	56,106	73,902	55,106	45,819	35,038	40,048	48,428	56,308	59,226	49,306	55,604	56,184	32,052
1991-92	56,538	74,048	55,348	46,087	39,860	39,266	48,714	56,267	58,841	50,230	57,214	57,751	33,100
1992-93	55,904	73,499	54,942	45,790	35,631	38,186	47,223	55,257	58,155	48,678	57,493	58,046	32,638
1993-94	56,504	73,912	55,179	45,859	35,132	39,886	49,459	55,962	58,520	50,014	57,845	58,350	34,653
1994-95	56,643	74,292	55,344	45,915	35,144	39,331	48,843	56,194	58,925	49,878	57,444	58,500	30,344
1995-96	56,871	74,437	55,321	45,784	34,998	39,370	49,589	56,326	59,019	49,934	58,205	58,612	36,809
1996-97	56,998	74,749	55,291	45,624	34,979	39,205	49,564	56,407	59,115	49,994	58,436	58,807	36,588
1997-98	57,658	75,722	55,997	46,084	35,749	39,093	49,872	56,890	59,618	50,589	59,536	59,910	37,008
1998-99	58,584	77,239	56,937	46,944	36,624	39,873	50,087	57,742	60,589	51,207	60,626	60,953	37,709
1999-2000	58,826	78,322	57,390	47,343	36,754	40,202	49,880	57,903	60,996	50,776	61,063	61,389	37,813
2001-02	59,742	80,792	58,724	48,796	46,959	41,798	46,569	58,524	62,013	50,837	62,818	63,088	33,139
Men													
1972-73	60,033	80,813	61,287	50,755	46,401	50,390	54,310	60,546	62,205	55,230	58,758	59,330	39,840
1974-75	56,090	74,081	56,018	46,304	45,930	45,524	48,194	56,844	58,207	52,812	54,048	54,538	36,583
1975-76	55,952	73,586	55,293	45,543	46,365	43,630	50,641	56,747	58,223	52,500	53,930	54,448	36,558
1976-77	55,796	72,952	54,817	45,090	36,692	42,950	52,382	56,531	57,961	52,326	53,846	54,318	37,019
1977-78	55,692	72,178	54,434	44,741	36,215	43,189	52,516	56,521	57,887	52,573	53,439	53,869	36,298
1978-79	54,047	69,527	52,601	43,187	34,964	41,432	50,465	54,837	56,263	50,662	51,857	52,250	33,942
1979-80	51,401	65,811	49,696	40,673	32,876	38,863	47,974	52,308	53,596	48,501	48,930	49,285	31,993
1980-81	50,396	63,937	48,240	39,551	31,977	37,605	47,662	51,165	52,473	47,240	48,326	48,688	33,067
1981-82	50,738	63,998	48,384	39,811	32,011	37,341	47,860	51,405	52,760	47,498	48,945	49,300	31,875
1982-83	52,040	65,278	49,494	41,005	32,970	38,534	48,185	52,379	53,850	48,155	51,123	51,524	31,492
1984-85	54,219	67,844	51,203	42,675	35,648	39,688	48,302	54,317	56,177	48,674	53,959	54,381	32,785
1985-86	56,158	70,141	52,848	44,367	35,523	41,328	49,563	56,541	58,601	50,367	55,113	55,513	33,425
1987-88	58,625	73,427	55,104	46,280	36,371	42,536	50,372	58,936	61,372	51,495	57,842	58,171	34,827
1989-90	60,013	75,290	56,318	47,407	36,393	43,731	50,493	60,287	62,919	52,039	59,380	59,776	35,391
1990-91	59,965	75,245	56,203	47,417	36,443	43,109	50,611	59,990	62,762	51,611	59,903	60,303	34,512
1991-92	60,401	75,416	56,490	47,664	43,010	42,345	50,827	59,931	62,404	52,618	61,542	61,940	34,585
1992-93	59,844	74,980	56,081	47,312	36,986	40,648	49,216	58,980	61,753	50,916	61,910	62,309	34,259
1993-94	60,421	75,384	56,338	47,277	36,335	42,405	51,490	59,661	62,139	52,327	62,246	62,637	37,515
1994-95	60,691	75,877	56,517	47,297	36,167	41,563	51,066	59,982	62,641	52,152	62,379	62,833	35,115
1995-96	60,913	76,062	56,557	47,123	35,685	41,676	51,467	60,162	62,798	52,142	62,700	63,030	38,408
1996-97	61,074	76,492	56,580	46,945	35,590	41,414	51,232	60,258	62,977	52,022	63,003	63,303	38,951
1997-98	61,823	77,635	57,334	47,392	36,434	41,293	51,584	60,804	63,617	52,540	64,222	64,534	39,834
1998-99	62,863	79,338	58,295	48,354	37,623	42,209	51,560	61,770	64,767	53,023	65,402	65,671	41,196
1999-2000	63,242	80,498	58,880	48,854	37,739	42,315	51,353	62,085	65,291	52,664	65,924	66,212	40,667
2001-02	64,320	83,356	60,300	50,518	48,844	44,519	48,049	62,835	66,577	52,360	67,871	68,100	33,395
Women													
1972-73	49,637	71,274	57,555	47,911	42,035	44,851	49,591	50,993	51,201	50,636	45,972	46,699	36,995
1974-75	46,347	65,411	53,265	44,237	40,393	39,713	43,415	47,794	47,586	48,123	42,089	42,742	33,494
1975-76	45,972	65,251	52,579	43,447	40,394	38,238	45,285	47,433	47,420	47,454	41,868	42,512	32,775
1976-77	45,843	65,384	52,187	43,189	35,184	37,637	46,958	47,280	47,176	47,446	41,621	42,199	32,940
1977-78	45,972	65,273	52,135	42,988	34,959	38,943	47,334	47,466	47,282	47,754	41,529	42,105	32,634
1978-79	44,231	62,804	50,207	41,397	33,729	37,628	45,478	45,903	45,855	45,980	40,030	40,610	30,950
1979-80	42,225	59,473	47,379	38,960	31,562	34,757	43,770	43,707	43,576	43,920	37,962	38,531	28,784
1980-81	41,133	57,513	45,862	37,648	30,555	33,258	42,875	42,525	42,392	42,741	37,177	37,698	28,577
1981-82	41,282	57,634	45,957	37,616	30,398	33,469	42,929	42,516	42,853	37,383	37,914	28,372	
1982-83	42,231	58,497	46,728	38,362	31,049	34,186	43,309	43,376	43,347	43,421	38,944	39,551	28,767
1984-85	43,704	60,355	48,044	39,718	32,620	35,387	43,888	44,757	45,173	44,094	40,748	41,378	29,610
1985-86	45,157	62,639	49,617	40,883	33,139	36,473	44,494	46,341	46,965	45,348	41,795	42,394	30,301
1987-88	46,915	65,176	51,574	42,456	33,782	37,487	45,539	48,016	48,947	46,498	44,026	44,526	32,634
1989-90	47,971	66,888	52,582	43,630	34,129	37,884	45,649	48,832	50,106	46,741	45,819	46,325	33,684
1990-91	47,743	66,169	52,332	43,543	33,976	37,405	45,479	48,513	49,996	46,199	45,718	46,436	30,052
1991-92	48,392	66,555											

Table 240. Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions, by academic rank, sex, and type and control of institution: Selected years, 1980–81 to 2001–02

Academic year and type and control of institution	All faculty	Academic rank						Sex	
		Professor	Associate professor	Assistant professor	Instructor	Lecturer	No academic rank	Men	Women
1	2	3	4	5	6	7	8	9	10
1980–81									
All institutions	\$23,302	\$30,753	\$23,214	\$18,901	\$15,178	\$17,301	\$22,334	\$24,499	\$19,996
4-year	23,693	31,016	23,265	18,867	15,056	17,375	17,380	24,909	19,809
University	25,949	33,622	24,392	19,684	15,530	17,327	17,856	27,206	20,736
Other 4-year	22,230	28,798	22,558	18,398	14,887	17,425	17,334	23,271	19,372
2-year	21,898	26,528	22,750	19,166	15,621	16,222	22,615	22,736	20,434
Public institutions	23,745	31,077	23,772	19,431	15,613	17,620	22,820	24,731	20,673
4-year	24,373	31,442	23,898	19,442	15,486	17,712	19,240	25,509	20,608
University	25,571	32,945	24,268	19,637	15,305	17,426	17,358	26,788	20,564
Other 4-year	23,500	30,097	23,639	19,315	15,567	17,997	19,798	24,499	20,633
2-year	22,177	26,880	22,947	19,370	15,928	16,458	22,875	22,965	20,778
Private institutions	22,093	29,994	21,833	17,767	14,192	15,899	15,946	23,493	18,073
4-year	22,325	30,089	21,887	17,816	14,316	15,971	16,706	23,669	18,326
University	26,897	35,227	24,730	19,792	16,197	16,956	18,933	28,251	21,176
Other 4-year	19,996	26,173	20,502	16,939	13,905	14,741	16,617	21,040	17,342
2-year	15,065	18,645	17,685	14,663	12,155	12,441	14,993	16,075	13,892
1990–91									
All institutions	42,165	55,540	41,414	34,434	26,332	30,097	36,395	45,065	35,881
4-year	43,693	56,485	41,811	34,657	25,772	30,209	31,494	46,519	36,574
University	49,430	63,437	44,877	37,838	27,105	31,748	31,533	52,426	39,788
Other 4-year	40,313	51,467	39,994	33,020	25,370	29,009	31,488	42,660	35,135
2-year	36,642	44,916	37,650	32,253	27,933	28,048	36,752	38,465	34,224
Public institutions	42,317	55,371	42,101	35,137	26,907	29,881	36,990	45,084	36,459
4-year	44,510	56,668	42,742	35,520	26,134	29,956	32,349	47,168	37,573
University	47,499	60,536	43,851	36,889	25,647	30,429	30,412	50,405	38,363
Other 4-year	42,499	53,704	41,969	34,680	26,316	29,664	33,507	44,804	37,147
2-year	37,055	45,411	38,051	32,673	28,389	28,780	37,096	38,787	34,720
Private institutions	41,788	55,911	39,983	33,116	24,928	30,864	28,523	45,019	34,359
4-year	42,224	56,127	40,122	33,235	25,159	31,053	31,122	45,319	34,898
University	53,875	69,732	47,405	40,013	31,239	34,444	36,211	56,989	43,273
Other 4-year	36,888	47,405	36,965	30,688	23,973	25,416	30,915	39,162	32,251
2-year	24,088	29,520	26,353	24,587	20,911	—	23,187	25,937	22,585
1995–96									
All institutions	49,309	64,540	47,966	39,696	30,344	34,136	42,996	52,814	42,871
4-year	51,044	65,866	48,432	39,991	29,941	34,082	35,657	54,520	43,702
University	58,173	74,650	51,993	43,838	30,689	35,272	36,818	61,972	48,011
Other 4-year	46,946	59,599	46,356	38,179	29,718	33,140	35,470	49,726	41,773
2-year	43,009	51,454	43,107	36,927	31,421	35,165	43,537	44,944	40,791
Public institutions	48,837	63,189	48,122	40,092	30,581	33,634	43,590	52,163	42,871
4-year	51,172	64,946	48,815	40,562	29,907	33,525	36,829	54,448	43,986
University	55,068	69,924	50,186	42,335	29,186	34,139	35,532	58,648	45,676
Other 4-year	48,566	61,076	47,850	39,544	30,178	33,134	37,266	51,375	43,063
2-year	43,295	51,679	43,389	37,241	31,805	35,244	43,754	45,209	41,086
Private institutions	50,466	67,457	47,654	38,964	29,701	35,792	34,599	54,364	42,871
4-year	50,819	67,598	47,760	39,071	30,002	35,810	35,098	54,649	43,236
University	65,405	84,970	56,517	47,387	35,782	37,516	38,649	69,579	53,717
Other 4-year	44,504	57,089	44,186	36,325	28,993	33,170	34,771	47,126	39,982
2-year	31,915	37,929	33,283	29,887	23,895	—	33,410	33,301	30,671
1999–2000									
All institutions	55,888	74,410	54,524	44,978	34,918	38,194	47,389	60,084	48,997
4-year	58,087	76,419	55,198	45,312	33,950	38,124	40,452	62,348	50,124
University	67,507	88,079	59,996	50,678	35,465	40,306	44,591	72,363	56,060
Other 4-year	52,716	67,985	52,404	42,902	33,479	36,295	39,851	55,908	47,454
2-year	48,012	57,677	47,844	41,730	37,433	39,928	48,012	49,819	46,096
Public institutions	55,011	72,475	54,641	45,285	35,007	37,403	47,990	58,984	48,714
4-year	57,950	75,204	55,681	45,822	33,528	37,261	40,579	62,030	50,168
University	63,595	82,344	57,984	48,671	33,230	38,576	41,147	68,135	53,216
Other 4-year	54,255	69,641	54,062	44,293	33,641	36,351	40,430	57,618	48,527
2-year	48,240	57,806	48,056	41,984	37,634	40,061	48,233	50,033	46,340
Private institutions	58,013	78,490	54,295	44,410	34,641	40,652	39,630	62,631	49,737
4-year	58,323	78,582	54,384	44,494	34,809	40,674	40,381	62,905	50,052
University	76,132	99,634	64,782	55,232	43,456	43,822	49,454	81,418	62,787
Other 4-year	50,415	65,277	50,087	40,971	33,197	36,056	39,572	53,271	45,926
2-year	35,925	39,454	36,349	31,499	27,178	25,965	37,532	38,636	32,951
2001–02									
All institutions	59,742	80,792	58,724	48,796	46,959	41,798	46,569	64,320	52,662
4-year	62,404	83,265	59,637	49,287	47,187	41,545	50,238	67,126	54,094
University	72,822	96,478	65,179	55,498	38,404	43,273	62,378	78,355	60,651
Other 4-year	56,384	73,571	56,436	46,461	36,810	40,117	42,130	59,801	51,067
2-year	50,636	60,415	50,206	44,168	52,273	45,479	45,675	52,164	49,088
Public institutions	58,524	78,387	58,663	48,956	48,279	40,809	46,772	62,835	52,123
4-year	62,013	81,726	60,041	49,697	36,820	40,361	53,777	66,577	53,895
University	68,510	89,888	62,886	53,138	36,733	41,300	64,351	73,658	57,585
Other 4-year	57,724	75,268	58,059	47,859	36,855	39,754	40,080	61,402	51,875
2-year	50,837	60,614	50,436	44,487	52,505	45,610	45,756	52,360	49,290
Private institutions	62,818	85,848	58,845	48,489	47,517	44,762	44,391	67,871	54,149
4-year	63,088	85,997	58,955	48,605	37,934	44,794	45,121	68,100	54,434
University	82,487	109,721	70,639	60,874	45,536	46,714	52,528	88,508	68,109
Other 4-year	54,331	70,811	54,159	44,435	36,735	41,697	43,674	57,294	49,867
2-year	33,139	39,811	37,879	30,892	30,404	23,484	32,985	33,395	32,921

—Not available

NOTE: Data for 1980–81 to 1995–96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Faculty Salaries, Tenure, and Fringe Benefits, 1980–81;" and Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty" surveys, 1990–91, 1995–96, 1999–2000, and Winter 2001–02. (This table was prepared September 2003.)

Table 241. Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions, by type and control of institution and state or jurisdiction: 2001–02

State or jurisdiction	All institutions	Public institutions					Private institutions				
		Total	4-year institutions			2-year	Total	4-year institutions			2-year
			Total	University	Other 4-year			Total	University	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12
United States	\$59,742	\$58,524	\$62,013	\$68,510	\$57,724	\$50,837	\$62,818	\$63,088	\$82,487	\$54,331	\$33,139
Alabama	49,572	50,250	53,084	58,687	49,466	43,501	46,039	46,412	†	46,412	28,249
Alaska	52,206	52,723	52,627	53,861	51,839	64,859	43,763	43,763	†	43,763	†
Arizona	61,190	61,586	65,830	69,758	54,526	54,662	50,850	50,850	†	50,850	†
Arkansas	46,128	46,220	49,667	60,322	46,636	36,777	45,628	45,867	†	45,867	25,435
California	70,342	69,973	75,180	95,519	71,292	64,334	71,992	72,145	89,713	62,348	47,338
Colorado	56,869	56,342	60,175	69,804	53,021	40,567	60,731	60,731	64,457	56,506	†
Connecticut	71,234	69,002	72,397	82,386	63,445	58,973	73,553	73,558	97,740	63,713	30,808
Delaware	67,193	67,880	70,844	73,271	54,496	52,119	60,140	60,140	†	60,140	†
District of Columbia	71,377	60,196	60,196	†	60,196	†	71,905	71,905	73,977	55,634	†
Florida	55,597	55,543	60,924	68,933	56,858	47,767	55,787	55,787	67,760	51,814	†
Georgia	56,926	57,112	59,747	69,740	57,486	43,685	56,408	57,098	89,687	48,490	37,709
Hawaii	57,401	57,364	62,403	64,829	49,895	49,071	57,555	57,555	†	57,555	†
Idaho	49,638	50,210	51,584	56,468	49,463	42,817	43,904	43,904	†	43,904	†
Illinois	62,075	59,507	61,528	65,788	57,643	55,782	66,423	66,581	87,658	52,845	32,172
Indiana	57,521	57,003	60,211	64,270	52,144	39,284	58,600	58,847	87,233	49,838	35,585
Iowa	54,857	60,129	67,947	71,935	56,549	40,431	46,269	46,314	56,174	45,145	22,478
Kansas	50,727	53,006	58,029	61,642	50,019	41,210	36,874	37,485	†	37,485	28,367
Kentucky	51,104	52,720	55,263	64,494	49,752	43,801	44,913	45,217	†	45,217	27,921
Louisiana	51,294	49,637	51,035	59,160	48,598	38,383	48,598	58,071	65,385	46,434	†
Maine	53,273	49,775	51,383	56,347	48,817	42,376	59,233	59,434	†	59,434	39,628
Maryland	61,539	60,752	65,095	77,823	58,786	53,435	64,178	64,178	80,429	54,266	†
Massachusetts	72,752	61,988	65,239	75,540	61,090	54,180	78,410	78,545	89,580	66,055	36,621
Michigan	63,146	65,167	65,977	76,728	57,943	62,254	50,459	50,548	52,607	50,305	27,242
Minnesota	56,398	57,820	63,264	81,494	54,271	49,784	52,985	53,034	†	53,034	31,588
Mississippi	46,211	46,984	50,697	54,383	47,979	42,256	39,871	41,141	†	41,141	25,237
Missouri	54,667	53,371	55,639	66,945	53,302	46,252	57,352	57,908	78,165	44,495	38,469
Montana	47,679	49,424	51,096	53,614	44,963	36,247	37,152	38,197	†	38,197	26,700
Nebraska	52,338	53,998	58,099	66,950	51,323	38,461	47,412	47,789	56,126	43,563	23,513
Nevada	62,183	62,407	67,349	70,241	65,625	52,133	44,654	44,654	†	44,654	†
New Hampshire	60,461	57,211	61,904	66,691	53,990	40,073	64,668	64,668	†	64,668	†
New Jersey	70,350	69,353	73,085	81,279	70,285	59,830	72,892	72,892	91,268	60,063	†
New Mexico	47,681	47,936	51,400	59,110	32,350	39,525	42,052	47,662	†	47,662	28,299
New York	65,946	61,341	63,641	73,966	62,177	56,445	70,783	70,984	83,383	61,606	35,822
North Carolina	52,055	49,931	61,356	74,778	55,884	36,117	59,052	59,277	88,976	45,130	33,134
North Dakota	43,049	43,845	46,739	49,326	40,884	35,317	37,291	39,502	†	39,502	28,389
Ohio	57,984	59,528	63,018	64,743	56,569	49,376	54,410	54,561	80,851	51,704	22,255
Oklahoma	49,294	49,564	52,180	58,577	46,042	40,594	48,174	48,174	62,942	41,923	†
Oregon	51,887	50,820	53,492	56,901	49,976	47,677	56,010	56,010	†	56,010	†
Pennsylvania	64,428	64,478	66,383	73,100	62,518	53,112	64,371	64,734	89,787	56,758	34,560
Rhode Island	64,875	61,413	65,248	70,970	55,565	49,953	67,593	67,593	†	67,593	†
South Carolina	50,891	51,942	58,027	66,675	49,243	39,994	46,519	46,774	†	46,774	33,882
South Dakota	44,930	46,159	48,258	50,135	46,169	36,857	39,530	39,530	†	39,530	†
Tennessee	51,804	51,499	55,680	65,341	52,570	38,800	52,452	52,650	79,455	43,474	26,284
Texas	55,113	54,098	58,919	66,671	52,785	45,432	59,498	59,692	71,042	50,610	29,852
Utah	56,940	53,788	56,214	62,686	48,086	42,440	66,253	66,567	68,536	50,209	44,528
Vermont	52,119	52,297	52,297	57,070	43,184	†	51,950	55,253	†	55,253	29,869
Virginia	59,123	60,747	64,846	71,399	60,784	46,679	53,356	53,356	†	53,356	†
Washington	57,480	58,135	64,981	68,748	55,677	45,911	54,004	54,004	†	54,004	†
West Virginia	48,311	49,744	50,412	58,693	46,798	40,145	40,349	40,349	†	40,349	†
Wisconsin	58,942	60,932	63,236	81,261	56,566	57,460	50,572	50,659	63,759	47,093	36,745
Wyoming	47,707	47,707	54,784	54,784	†	40,458	†	†	†	†	†
U.S. Service Schools	73,971	73,971	73,971	†	73,971	†	†	†	†	†	†
Outlying areas	37,667	37,790	40,828	38,489	43,636	19,219	20,381	20,381	†	20,381	†
American Samoa	26,037	26,037	†	†	†	26,037	†	†	†	†	†
Federated States of Micronesia	19,722	19,722	†	†	†	19,722	†	†	†	†	†
Guam	49,205	49,205	55,690	†	55,690	37,462	†	†	†	†	†
Marshall Islands	7,442	7,442	†	†	†	7,442	†	†	†	†	†
Northern Marianas	39,644	39,644	39,644	†	39,644	†	†	†	†	†	†
Palau	†	†	†	†	†	†	†	†	†	†	†
Puerto Rico	38,765	38,939	39,166	38,489	40,324	†	20,381	20,381	†	20,381	†
Virgin Islands	50,598	50,598	50,598	†	50,598	†	†	†	†	†	†

† Not applicable.

NOTE: Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Winter 2001–02. (This table was prepared September 2003.)

Table 242. Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions, by type and control of institution and state or jurisdiction: 1999–2000

State or jurisdiction	All institutions	Public institutions					Private institutions				
		Total	4-year institutions			2-year	Total	4-year institutions			2-year
			Total	University	Other 4-year			Total	University	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12
United States	\$55,888	\$55,011	\$57,950	\$63,595	\$54,255	\$48,240	\$58,013	\$58,323	\$76,132	\$50,415	\$35,925
Alabama	47,349	48,373	50,623	55,670	47,264	42,509	41,982	42,305	†	42,305	26,939
Alaska	51,825	52,601	52,519	53,624	51,768	61,613	40,345	40,345	†	40,345	†
Arizona	58,430	59,115	62,040	65,598	51,942	53,558	43,619	43,619	†	43,619	†
Arkansas	43,523	44,048	47,253	55,945	44,668	35,108	40,713	40,955	†	40,955	23,130
California	65,824	65,645	71,115	89,615	67,562	59,219	66,568	66,694	83,350	57,405	44,916
Colorado	53,462	52,945	56,363	64,173	50,417	38,565	57,526	57,526	59,780	54,686	†
Connecticut	66,458	63,992	67,058	75,251	59,240	54,557	69,118	69,523	92,262	60,177	35,301
Delaware	62,647	63,263	66,425	68,887	53,414	47,803	56,490	56,788	†	56,788	38,600
District of Columbia	66,937	54,594	54,594	†	54,594	†	67,487	67,487	68,802	54,265	†
Florida	51,567	51,629	56,624	62,921	53,373	44,573	51,342	51,920	64,584	47,980	21,852
Georgia	53,666	54,232	56,290	65,581	54,201	41,858	52,091	52,850	81,141	45,218	32,627
Hawaii	55,776	55,407	60,710	62,776	49,422	47,096	59,872	59,872	†	59,872	†
Idaho	47,115	47,049	48,563	53,061	46,647	39,188	47,320	43,390	†	43,390	48,790
Illinois	58,447	56,106	57,416	63,195	52,609	53,905	62,451	62,736	82,388	49,294	34,684
Indiana	53,388	53,049	55,880	59,247	49,252	37,290	54,079	54,269	79,691	46,910	33,628
Iowa	51,973	55,599	63,120	67,108	51,823	38,950	45,570	45,595	55,374	44,340	28,617
Kansas	46,347	48,299	53,093	56,090	46,244	38,166	34,490	34,970	†	34,970	27,087
Kentucky	47,784	49,476	51,837	59,423	47,621	41,196	41,763	41,767	†	41,767	36,779
Louisiana	47,017	45,382	46,507	53,708	44,430	36,699	54,610	54,610	61,793	43,548	†
Maine	49,379	46,255	48,552	52,098	46,640	37,919	55,006	55,549	†	55,549	29,762
Maryland	55,807	54,845	57,754	66,678	53,462	49,832	58,917	59,020	74,303	50,391	32,333
Massachusetts	65,572	55,077	60,435	69,955	56,580	42,560	71,355	71,639	81,038	60,936	38,590
Michigan	59,084	61,439	61,961	70,412	55,105	59,511	46,805	46,943	51,003	46,486	20,731
Minnesota	52,694	54,141	59,508	76,264	51,113	45,968	49,259	49,385	†	49,385	39,734
Mississippi	45,508	46,218	49,660	53,967	46,702	41,773	39,574	40,482	†	40,482	25,947
Missouri	51,247	50,827	53,078	62,883	51,116	43,485	52,095	52,400	71,011	41,952	36,277
Montana	45,486	47,292	49,423	51,913	43,395	34,265	34,392	35,757	†	35,757	22,789
Nebraska	48,265	49,475	52,650	59,306	47,749	35,376	44,542	44,542	53,324	40,097	†
Nevada	56,656	56,768	61,797	66,168	59,180	47,187	41,828	41,828	†	41,828	†
New Hampshire	54,322	50,578	53,938	56,018	50,412	37,874	58,849	58,989	†	58,989	25,638
New Jersey	66,505	65,948	69,126	77,369	66,306	58,191	67,909	68,046	83,869	55,701	30,152
New Mexico	46,684	47,175	51,598	54,400	44,251	36,162	40,424	42,199	†	42,199	30,166
New York	62,350	59,630	61,388	67,431	60,456	56,149	65,023	65,240	76,861	56,619	31,992
North Carolina	53,227	53,066	57,301	69,369	52,322	34,516	53,600	53,807	79,911	41,176	39,179
North Dakota	40,068	40,718	42,563	44,658	38,260	34,720	35,270	37,565	†	37,565	26,154
Ohio	55,098	57,017	59,888	61,704	53,184	47,999	50,844	51,027	74,742	48,505	28,819
Oklahoma	46,939	47,367	50,070	56,268	44,351	38,707	45,244	45,556	58,722	39,713	27,570
Oregon	48,812	48,298	50,085	52,997	46,832	46,343	50,577	50,577	†	50,577	†
Pennsylvania	59,915	60,290	61,775	68,311	58,094	51,663	59,475	59,863	83,825	52,798	31,977
Rhode Island	60,482	57,556	61,208	66,482	52,031	46,205	62,588	62,588	†	62,588	†
South Carolina	46,991	48,389	54,067	61,573	46,004	36,935	41,163	41,268	†	41,268	34,914
South Dakota	41,728	42,609	44,529	45,233	43,594	34,017	37,643	37,643	†	37,643	†
Tennessee	48,513	48,290	51,995	60,338	49,304	37,019	49,008	49,213	76,432	40,310	24,989
Texas	51,192	50,191	54,107	61,358	48,301	43,101	55,473	55,659	66,347	47,071	28,142
Utah	51,949	48,741	51,476	56,851	43,761	38,592	59,961	60,163	61,420	44,873	43,231
Vermont	48,723	49,413	49,413	54,365	39,699	†	48,072	49,587	†	49,587	26,992
Virginia	54,864	56,484	60,218	65,691	56,877	44,007	49,523	49,631	†	49,631	32,214
Washington	50,256	50,222	56,453	61,257	48,685	42,334	50,397	50,397	†	50,397	†
West Virginia	45,239	46,560	47,071	55,107	43,413	39,482	38,953	38,953	†	38,953	†
Wisconsin	54,618	56,437	58,552	75,303	52,817	53,355	46,973	46,973	59,430	43,517	†
Wyoming	42,507	42,507	50,452	50,452	†	34,283	†	†	†	†	†
U.S. Service Schools	68,010	68,010	68,010	†	68,010	†	†	†	†	†	†
Outlying areas	41,250	42,424	43,907	42,372	44,833	30,381	27,996	27,996	†	27,996	†
American Samoa	25,265	25,265	†	†	†	25,265	†	†	†	†	†
Federated States of Micronesia	20,100	20,100	†	†	†	20,100	†	†	†	†	†
Guam	51,060	51,060	54,108	†	54,108	46,391	†	†	†	†	†
Marshall Islands	15,299	15,299	†	†	†	15,299	†	†	†	†	†
Northern Marianas	36,596	36,596	†	†	†	36,596	†	†	†	†	†
Palau	16,810	16,810	†	†	†	16,810	†	†	†	†	†
Puerto Rico	41,675	43,129	43,230	42,372	43,825	37,684	27,996	27,996	†	27,996	†
Virgin Islands	48,486	48,486	48,486	†	48,486	†	†	†	†	†	†

† Not applicable.

NOTE: Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty, 1999–2000" survey. (This table was prepared July 2002).

Table 243. Average salary of full-time instructional faculty on 9-month contracts in 4-year degree-granting institutions, by type and control of institution, rank of faculty, and state or jurisdiction: 2001–02

State or other area	Public university			Public other 4-year			Private university			Private other 4-year		
	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	\$89,888	\$62,886	\$53,138	\$75,268	\$58,059	\$47,859	\$109,721	\$70,639	\$60,874	\$70,811	\$54,159	\$44,435
Alabama	76,836	57,075	46,807	64,233	51,597	44,856	†	†	†	60,808	45,761	39,885
Alaska	70,620	54,661	46,142	66,579	53,278	45,971	†	†	†	55,659	48,319	39,409
Arizona	88,215	62,725	54,392	71,344	56,177	44,727	†	†	†	61,255	58,619	43,893
Arkansas	80,324	60,882	53,341	61,076	52,361	43,172	†	†	†	55,325	46,511	40,350
California	115,841	73,894	65,950	86,742	65,598	53,166	115,769	76,948	66,657	79,816	59,185	48,407
Colorado	86,327	64,032	53,900	69,364	54,027	45,420	81,808	63,228	51,048	76,299	54,880	45,151
Connecticut	102,553	74,518	59,577	78,040	61,218	49,179	131,749	75,414	60,865	82,802	61,610	50,230
Delaware	98,897	69,029	56,473	68,506	56,474	47,858	†	†	†	77,334	62,956	39,731
District of Columbia	†	†	†	67,315	54,978	43,149	97,988	67,013	55,238	80,920	58,111	48,407
Florida	85,365	59,738	53,367	75,748	58,387	49,002	95,715	63,384	56,006	67,986	52,038	44,220
Georgia	92,320	62,877	53,373	80,058	60,042	48,590	118,542	74,929	64,284	56,501	50,547	41,998
Hawaii	79,946	60,269	52,793	60,966	48,884	45,720	†	†	†	81,038	65,734	51,872
Idaho	71,104	56,749	50,327	60,161	53,353	44,040	†	†	†	56,648	47,718	39,554
Illinois	92,683	63,666	53,806	77,539	59,864	49,759	117,968	71,576	63,150	66,278	54,982	44,618
Indiana	85,652	60,513	50,840	70,913	55,236	46,514	109,901	73,622	64,256	61,453	49,961	42,100
Iowa	91,695	63,531	54,188	73,885	57,520	47,909	71,895	50,890	44,903	57,531	45,256	38,986
Kansas	79,827	58,386	50,497	65,389	52,257	43,536	†	†	†	45,045	38,472	34,566
Kentucky	84,566	59,729	49,428	66,920	53,124	45,223	†	†	†	56,181	44,908	39,138
Louisiana	84,717	59,721	53,725	65,391	51,781	43,667	90,975	60,159	50,819	59,960	49,927	41,729
Maine	68,069	56,562	47,425	59,894	49,986	40,208	†	†	†	83,703	58,570	46,019
Maryland	101,718	72,697	68,356	79,082	61,816	51,091	105,800	71,478	61,830	68,883	55,169	44,818
Massachusetts	89,654	70,471	55,688	72,042	60,402	47,284	119,803	73,264	65,321	85,709	62,541	51,991
Michigan	99,570	71,125	58,828	73,713	59,201	48,149	68,371	55,120	40,988	60,853	50,788	41,228
Minnesota	99,446	69,112	58,725	66,242	55,620	45,944	†	†	†	69,857	52,949	43,601
Mississippi	74,503	58,740	48,021	62,755	50,446	43,254	†	†	†	53,691	42,323	37,689
Missouri	88,099	64,242	53,007	69,433	54,579	44,374	101,198	66,907	60,186	56,851	46,745	39,316
Montana	67,025	52,009	44,987	54,609	45,016	39,854	†	†	†	45,207	39,833	34,044
Nebraska	87,718	63,122	54,807	63,754	55,064	44,424	84,507	55,399	44,406	53,767	45,163	38,809
Nevada	91,558	66,611	52,938	82,077	67,149	52,717	†	†	†	69,909	52,250	35,245
New Hampshire	83,464	61,525	49,630	66,610	52,004	42,951	†	†	†	86,270	58,242	46,585
New Jersey	106,395	73,785	57,359	91,719	70,408	53,883	124,387	71,533	60,030	77,175	61,309	48,258
New Mexico	75,271	56,563	48,808	39,558	33,782	31,751	†	†	†	57,195	49,976	40,395
New York	94,727	67,413	55,743	80,839	62,110	48,126	108,259	73,037	62,237	82,730	61,328	49,278
North Carolina	98,273	68,556	59,833	73,411	58,103	49,741	113,105	77,205	61,911	55,543	47,078	39,257
North Dakota	61,323	51,999	45,959	50,297	44,417	38,856	†	†	†	46,903	39,976	38,563
Ohio	84,948	60,687	49,742	73,437	56,528	45,737	97,579	70,153	64,061	65,429	51,434	43,165
Oklahoma	80,130	56,871	48,105	58,049	50,194	42,847	83,273	60,078	50,441	53,850	43,286	36,483
Oregon	75,289	56,434	48,230	63,686	50,143	43,229	†	†	†	73,048	52,504	45,255
Pennsylvania	97,030	67,534	55,196	82,729	64,746	52,961	114,972	76,559	65,619	75,117	57,186	46,189
Rhode Island	82,417	62,663	50,454	62,931	53,778	46,037	†	†	†	91,719	61,765	51,698
South Carolina	84,000	61,812	52,078	60,904	51,017	43,108	†	†	†	60,539	47,953	40,319
South Dakota	62,776	50,779	43,614	62,776	43,909	43,929	†	†	†	50,255	42,586	35,644
Tennessee	80,834	62,148	50,115	66,306	51,308	44,220	106,773	70,481	59,347	54,018	44,764	38,842
Texas	90,455	60,739	52,802	69,125	55,283	47,397	96,463	65,970	57,556	65,624	50,843	41,436
Utah	81,534	57,154	50,231	58,837	49,978	43,607	84,864	64,629	55,060	60,448	50,559	45,958
Vermont	74,925	56,891	46,964	50,815	41,070	33,785	†	†	†	68,599	53,959	47,022
Virginia	94,894	67,742	55,002	79,662	60,869	48,171	†	†	†	67,246	52,291	43,090
Washington	85,647	62,148	55,669	64,552	53,924	47,795	†	†	†	68,100	53,403	44,959
West Virginia	74,487	55,750	45,317	57,397	47,431	39,891	†	†	†	49,583	42,210	35,635
Wisconsin	93,553	71,881	59,925	67,828	55,746	47,765	78,927	61,397	50,976	58,368	48,051	41,141
Wyoming	69,285	52,522	49,668	†	†	†	†	†	†	†	†	†
U.S. Service Schools	†	†	†	88,901	70,471	56,051	†	†	†	†	†	†
Outlying areas	43,089	37,058	31,614	56,840	48,113	39,396	†	†	†	†	†	†
American Samoa	†	†	†	†	†	†	†	†	†	†	†	†
Federated States of Micronesia	†	†	†	†	†	†	†	†	†	†	†	†
Guam	†	†	†	71,980	57,289	44,710	†	†	†	†	†	†
Northern Marianas	†	†	†	†	†	†	†	†	†	†	†	†
Palau	†	†	†	†	†	†	†	†	†	†	†	†
Puerto Rico	43,089	37,058	31,614	52,632	43,692	36,877	†	†	†	†	†	†
Virgin Islands	†	†	†	66,710	53,926	43,575	†	†	†	†	†	†

† Not applicable.

NOTE: Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Winter, 2001–02. (This table was prepared September 2003.)

Table 244. Average salary of full-time instructional faculty on 9-month contracts in 4-year degree-granting institutions, by type and control of institution, rank of faculty, and state or jurisdiction: 1999–2000

State or jurisdiction	Public university			Public other 4-year			Private university			Private other 4-year		
	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	\$82,344	\$57,984	\$48,671	\$69,641	\$54,062	\$44,293	\$99,634	\$64,782	\$55,232	\$65,277	\$50,087	\$40,971
Alabama	74,020	53,994	45,453	61,191	49,021	42,314	†	†	†	55,173	41,676	36,138
Alaska	69,405	54,189	45,613	65,431	52,500	42,904	†	†	†	49,813	42,698	36,157
Arizona	82,943	58,995	50,511	69,492	55,273	43,157	†	†	†	59,565	52,661	43,833
Arkansas	74,362	55,602	48,173	58,660	48,261	40,822	†	†	†	49,737	41,473	35,729
California	108,180	69,534	61,387	79,175	60,684	49,265	106,886	70,211	59,996	73,092	54,319	44,382
Colorado	78,954	57,867	48,904	63,630	50,280	41,653	75,917	58,566	47,441	70,616	51,259	41,887
Connecticut	93,513	68,658	53,932	74,185	57,323	44,588	119,229	69,136	54,883	76,659	57,350	47,370
Delaware	89,598	64,627	52,495	67,534	54,345	46,348	†	†	†	69,828	60,773	35,938
District of Columbia	†	†	†	61,439	48,723	40,318	89,562	61,951	51,048	73,882	53,612	45,220
Florida	76,663	54,771	48,995	69,887	54,417	45,410	88,221	58,089	52,943	62,450	47,408	40,351
Georgia	85,521	58,597	50,175	73,565	56,555	45,919	107,832	67,476	56,871	60,460	46,658	38,566
Hawaii	77,265	57,709	49,611	60,101	50,620	43,451	†	†	†	68,867	59,716	53,900
Idaho	64,375	52,129	43,145	57,441	47,875	41,119	†	†	†	50,899	43,786	36,590
Illinois	84,736	57,405	48,887	67,412	54,094	44,128	109,037	67,060	59,104	61,897	50,296	41,938
Indiana	78,595	56,455	45,936	66,582	51,545	43,408	100,822	67,951	55,416	67,779	46,787	39,393
Iowa	85,510	60,584	49,966	69,976	53,728	44,835	69,224	49,000	43,384	55,225	43,891	37,470
Kansas	70,528	51,595	46,710	59,552	48,523	39,436	†	†	†	41,545	35,822	31,732
Kentucky	75,274	55,110	45,155	62,689	49,198	41,748	†	†	†	51,528	41,903	35,528
Louisiana	74,259	53,176	47,393	59,378	46,760	39,734	78,160	56,018	51,128	54,063	46,483	38,780
Maine	62,609	51,729	44,222	56,693	46,633	37,763	†	†	†	77,472	54,228	41,550
Maryland	85,905	63,089	57,800	71,193	55,783	45,763	88,077	66,955	54,815	63,882	50,719	40,046
Massachusetts	82,196	63,728	51,714	66,166	55,846	43,393	107,500	66,433	58,149	77,333	58,030	47,427
Michigan	90,568	65,381	54,183	68,375	55,326	45,245	66,035	53,182	38,001	55,975	46,988	39,527
Minnesota	91,583	64,079	53,667	60,976	51,375	42,382	†	†	†	63,879	48,883	40,137
Mississippi	72,756	55,950	46,876	61,995	51,001	42,417	†	†	†	52,167	42,175	35,979
Missouri	78,641	59,147	48,206	66,004	51,971	41,648	92,414	59,607	53,464	52,293	43,802	37,541
Montana	63,687	50,701	43,052	52,573	43,497	36,651	†	†	†	41,113	36,145	32,300
Nebraska	78,604	55,535	47,799	59,630	50,961	40,113	79,861	51,701	41,389	49,276	40,030	35,845
Nevada	84,710	61,659	49,534	78,557	61,144	47,330	†	†	†	52,664	40,490	33,667
New Hampshire	70,034	51,497	41,702	61,037	48,353	39,863	†	†	†	77,882	55,231	42,338
New Jersey	100,193	70,802	54,009	85,117	66,634	50,342	113,318	65,105	53,154	70,450	56,687	44,153
New Mexico	69,092	51,376	44,097	56,312	44,963	38,856	†	†	†	46,760	41,823	36,317
New York	86,059	61,055	49,655	75,763	58,726	47,130	98,204	67,079	56,197	74,476	56,623	45,231
North Carolina	89,518	62,837	54,210	68,187	53,843	45,505	102,077	70,452	54,443	51,267	42,348	36,374
North Dakota	54,799	47,264	40,866	47,709	41,307	36,158	†	†	†	45,074	38,955	35,265
Ohio	79,889	57,576	46,605	68,924	53,377	43,374	90,267	65,124	56,609	61,596	47,605	39,689
Oklahoma	73,480	52,478	44,424	54,639	47,340	41,118	78,591	56,891	46,360	50,447	41,625	35,068
Oregon	70,021	52,117	45,490	58,982	46,331	40,001	†	†	†	65,077	47,801	39,891
Pennsylvania	89,901	62,651	49,740	77,040	60,790	47,787	104,906	70,210	60,346	69,231	52,983	43,095
Rhode Island	76,275	57,538	46,313	59,148	50,547	43,297	†	†	†	80,972	57,670	47,803
South Carolina	78,119	58,092	48,530	57,042	47,472	40,065	†	†	†	53,626	41,515	35,778
South Dakota	56,754	46,440	39,556	57,612	45,472	39,505	†	†	†	46,623	40,390	34,286
Tennessee	73,194	56,472	45,536	61,609	47,470	41,137	99,495	64,697	52,755	50,225	41,617	35,835
Texas	82,256	55,557	47,859	63,229	50,199	43,010	89,140	60,760	52,992	60,733	46,999	37,841
Utah	71,986	52,399	44,066	52,805	44,003	39,022	76,056	57,224	49,213	53,081	44,503	39,789
Vermont	69,970	53,218	43,002	45,738	39,609	31,752	†	†	†	61,916	47,170	42,595
Virginia	85,313	62,279	50,921	73,510	56,747	44,381	†	†	†	63,212	48,857	39,559
Washington	77,278	55,509	49,579	58,543	48,859	42,793	†	†	†	62,220	49,458	41,789
West Virginia	69,554	53,771	43,357	52,962	44,288	36,504	†	†	†	48,210	40,550	34,988
Wisconsin	85,091	66,413	55,861	63,296	51,594	44,360	75,549	57,912	47,275	54,903	43,888	38,372
Wyoming	61,759	49,053	44,044	†	†	†	†	†	†	†	†	†
U.S. Service Schools	†	†	†	80,245	63,135	52,248	†	†	†	†	†	†
Outlying areas	49,960	41,240	35,612	57,384	49,340	39,863	†	†	†	41,495	30,782	26,810
American Samoa	†	†	†	†	†	†	†	†	†	†	†	†
Federated States of Micronesia	†	†	†	†	†	†	†	†	†	†	†	†
Guam	†	†	†	71,215	57,812	46,050	†	†	†	†	†	†
Northern Marianas	†	†	†	†	†	†	†	†	†	†	†	†
Palau	†	†	†	†	†	†	†	†	†	†	†	†
Puerto Rico	49,960	41,240	35,612	56,333	48,282	39,282	†	†	†	41,495	30,782	26,810
Virgin Islands	†	†	†	59,546	50,430	40,709	†	†	†	†	†	†

† Not applicable.

NOTE: Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty, 1999–2000" survey. (This table was prepared July 2002.)

Table 245. Full-time instructional faculty with tenure for degree-granting institutions reporting tenure status, by academic rank, sex, and type and control of institution: Selected years, 1993–94 to 2001–02

Academic year and type and control of institution	Percent with tenure, by rank														
	All ranks			Professor			Associate professor			Assistant professor			Instructor	Lecturer	No academic rank
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1993–94															
All institutions	56.2	62.6	42.7	91.9	92.8	87.7	76.8	77.5	75.1	14.4	13.6	15.5	38.3	10.8	26.0
4-year	54.0	61.0	38.0	93.0	93.5	90.6	76.2	77.0	74.3	12.1	11.5	12.9	4.8	9.6	9.4
University	54.3	61.0	35.8	94.1	94.5	91.3	78.0	78.6	76.4	6.6	6.2	7.3	5.7	10.5	9.9
Other 4-year	53.8	61.1	39.4	92.1	92.5	90.2	74.9	75.7	73.1	15.7	15.4	16.0	4.4	8.3	8.7
2-year	69.3	74.7	62.4	80.8	83.7	75.7	83.8	86.1	81.1	46.6	50.5	43.2	67.9	41.2	65.6
Public institutions	58.9	65.4	45.6	92.6	93.6	87.5	80.8	81.6	78.9	17.1	16.1	18.5	45.5	7.2	28.6
4-year	56.3	63.5	39.3	94.3	94.7	92.0	80.4	81.2	78.4	13.8	13.0	14.8	4.4	5.4	6.1
University	57.0	64.2	37.2	95.6	96.0	92.5	83.9	84.4	82.6	7.6	7.0	8.6	3.1	1.0	7.0
Other 4-year	55.7	62.9	40.8	93.2	93.5	91.7	77.5	78.3	75.5	18.1	17.6	18.7	5.1	9.8	4.9
2-year	69.9	75.4	63.0	80.7	83.7	75.5	84.2	86.4	81.5	47.7	51.1	44.6	68.9	39.9	65.7
Private institutions	49.5	56.0	35.4	90.3	90.8	88.1	67.6	68.1	66.5	9.0	8.7	9.4	6.8	21.9	18.8
4-year	49.5	56.0	35.4	90.3	90.8	88.0	67.6	68.1	66.5	9.0	8.7	9.4	5.5	21.6	15.7
University	48.4	54.1	32.9	90.8	91.1	89.1	63.2	64.1	60.6	4.7	4.8	4.7	10.4	30.0	15.4
Other 4-year	50.3	57.5	36.8	89.9	90.5	87.4	70.2	70.7	69.1	11.6	11.5	11.7	3.1	1.4	16.3
2-year	45.4	51.9	36.8	89.8	86.8	95.0	62.9	64.1	61.8	12.0	11.8	12.0	25.8	—	64.8
1997–98															
All institutions	55.9	62.2	44.3	92.6	93.1	90.4	78.6	79.0	78.0	14.0	13.2	14.9	32.0	4.6	20.6
4-year	53.5	60.6	39.3	92.5	93.0	89.9	78.0	78.5	77.1	10.8	10.4	11.4	3.5	2.8	3.5
University	52.5	59.6	35.4	91.8	92.6	86.5	79.5	79.9	78.7	5.4	5.2	5.8	2.2	0.8	1.3
Other 4-year	54.4	61.5	41.8	93.1	93.4	91.9	76.9	77.4	76.2	14.3	14.1	14.5	4.3	5.0	7.5
2-year	71.7	75.6	67.3	93.8	94.4	92.9	86.0	87.1	84.9	54.5	57.5	52.0	62.0	34.1	69.3
Public institutions	58.5	64.8	47.1	94.4	94.8	92.8	82.4	82.8	81.7	16.6	15.6	17.8	38.2	5.7	23.9
4-year	55.5	62.8	40.4	94.5	94.8	92.7	82.0	82.4	81.0	12.1	11.5	12.7	4.1	3.4	2.6
University	55.4	62.9	37.7	95.1	95.5	92.6	84.3	84.6	83.6	6.1	5.7	6.6	2.9	0.8	1.4
Other 4-year	55.5	62.7	42.3	94.0	94.2	92.8	80.0	80.5	79.2	16.0	15.7	16.5	4.8	5.7	4.7
2-year	72.0	75.9	67.7	93.8	94.4	92.9	86.3	87.2	85.2	54.9	57.8	52.3	62.3	34.4	70.1
Private institutions	49.7	56.1	37.0	88.4	89.3	84.7	70.1	70.2	69.8	8.8	8.5	9.1	3.3	1.2	7.7
4-year	49.7	56.1	37.0	88.4	89.3	84.6	70.1	70.3	69.8	8.7	8.4	9.1	2.4	1.2	5.8
University	46.2	52.7	30.4	84.9	86.6	75.9	67.7	68.3	66.2	4.1	4.1	4.1	0.6	0.9	1.1
Other 4-year	52.2	59.0	40.9	91.4	91.8	90.3	71.5	71.6	71.4	11.4	11.4	11.4	3.2	1.8	18.8
2-year	46.2	54.6	37.2	90.2	89.4	91.4	60.5	63.3	58.9	31.7	36.2	28.9	32.0	—	49.3
1999–2000															
All institutions	53.6	59.6	43.1	92.8	93.2	91.2	76.8	76.8	76.7	11.7	10.9	12.8	34.1	3.4	18.4
4-year	51.5	58.3	38.5	92.9	93.2	91.5	76.3	76.5	76.0	9.1	8.6	9.7	3.6	2.5	4.9
University	50.1	57.1	34.5	92.5	92.9	90.3	77.1	77.4	76.6	4.1	3.9	4.5	1.7	0.9	1.3
Other 4-year	52.6	59.4	41.1	93.2	93.5	92.2	75.7	75.8	75.7	12.4	12.1	12.8	4.7	4.4	11.6
2-year	67.7	70.6	64.6	91.3	92.3	89.9	83.2	83.3	83.1	53.5	55.9	51.6	60.9	21.1	64.5
Public institutions	55.9	61.9	45.5	93.9	94.4	91.9	81.0	81.2	80.7	14.0	13.0	15.2	39.9	4.1	21.2
4-year	53.1	60.3	39.3	94.2	94.6	92.5	80.8	81.0	80.3	10.0	9.6	10.6	3.9	3.0	4.0
University	53.0	60.4	36.7	94.2	94.7	91.4	83.0	83.2	82.7	4.6	4.3	5.1	2.3	0.7	1.7
Other 4-year	53.2	60.2	41.2	94.1	94.4	93.1	78.9	79.0	78.5	13.8	13.5	14.1	4.8	5.2	7.5
2-year	67.8	70.7	64.6	91.3	92.3	89.8	83.4	83.5	83.4	53.7	56.0	51.8	61.0	21.2	64.4
Private institutions	48.3	54.3	37.0	90.3	90.5	89.7	68.1	67.9	68.5	7.5	6.9	8.2	4.1	1.2	8.6
4-year	48.2	54.3	36.8	90.3	90.5	89.7	68.1	67.9	68.5	7.4	6.8	8.2	3.1	1.2	7.2
University	44.1	50.3	29.8	88.9	89.1	87.9	64.1	64.6	62.8	3.2	3.1	3.3	0.4	1.3	0.4
Other 4-year	51.4	57.7	41.1	91.4	91.7	90.6	70.6	70.2	71.3	10.1	9.6	10.6	4.6	1.0	28.3
2-year	59.9	60.3	59.6	95.9	92.0	100.0	60.0	66.7	55.8	33.8	40.0	30.0	50.5	—	68.8
2001–02															
All institutions	50.8	56.5	41.5	92.0	92.3	90.7	75.6	75.4	75.9	10.0	9.1	11.1	30.0	3.2	18.9
4-year	48.7	55.2	36.9	92.0	92.3	90.7	75.0	74.9	75.1	7.5	6.8	8.2	3.1	2.0	3.4
University	47.8	54.5	33.5	91.9	92.3	89.6	76.0	76.2	75.8	3.4	3.1	3.7	1.4	0.5	1.1
Other 4-year	49.4	55.8	39.2	92.1	92.4	91.3	74.1	73.9	74.6	10.2	9.6	10.9	4.0	3.8	7.4
2-year	64.2	66.6	61.8	91.8	92.2	91.2	84.0	83.9	84.0	49.6	51.5	48.0	53.0	31.5	67.8
Public institutions	52.6	58.2	43.5	93.2	93.6	91.8	79.4	79.3	79.5	11.9	10.8	13.3	34.4	3.9	22.1
4-year	49.8	56.6	37.4	93.4	93.7	92.0	78.9	78.9	78.8	8.1	7.5	9.0	2.5	2.4	2.4
University	50.2	57.3	35.5	93.7	94.2	91.4	81.3	81.6	80.6	3.6	3.2	4.1	1.8	0.6	0.8
Other 4-year	49.4	56.0	38.7	93.0	93.2	92.3	76.9	76.6	77.4	11.3	10.7	12.0	2.8	4.2	4.8
2-year	64.3	66.6	61.8	91.8	92.3	91.2	84.0	83.9	84.1	49.9	51.9	48.2	53.0	30.6	67.9
Private institutions	46.5	52.4	36.2	89.3	89.6	88.2	67.7	67.3	68.4	6.3	5.7	7.0	6.6	1.1	6.8
4-year	46.5	52.3	36.0	89.3	89.6	88.2	67.7	67.3	68.4	6.3	5.7	7.0	4.4	0.9	6.0
University	42.7	48.9	29.1	88.0	88.4	85.8	64.4	64.5	64.2	3.0	3.0	3.0	0.6	0.4	1.7
Other 4-year	49.4	55.2	40.3	90.4	90.7	89.6	69.7	69.2	70.4	8.4	7.7	9.0	6.3	2.1	18.6
2-year	61.0	63.0	58.1	88.7	86.5	91.1	80.4	81.0	80.0	24.2	17.1	30.0	57.8	—	65.6

—Not available.

NOTE: The coverage of this tabulation differs from similar tables published in earlier editions of the *Digest*. Previous tenure tabulations included only instructional staff classified as full-time faculty; this table includes all staff with full-time instructional duties, including faculty and other instructional staff. Data for 1993–94 are for institutions of higher education that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" surveys, 1993–94, 1997–98, and 1999–2000, and Winter 2001–02 survey. (This table was prepared September 2003.)

Table 246. Degree-granting institutions, by control and type of institution: 1949–50 to 2002–03

Year	All institutions			Public			Private		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
Institutions of higher education ¹ excluding branch campuses									
1949–50	1,851	1,327	524	641	344	297	1,210	983	227
1950–51	1,852	1,312	540	636	341	295	1,216	971	245
1951–52	1,832	1,326	506	641	350	291	1,191	976	215
1953–54	1,863	1,345	518	662	369	293	1,201	976	225
1955–56	1,850	1,347	503	650	360	290	1,200	987	213
1956–57	1,878	1,355	523	656	359	297	1,222	996	226
1957–58	1,930	1,390	540	666	366	300	1,264	1,024	240
1958–59	1,947	1,394	553	673	366	307	1,274	1,028	246
1959–60	2,004	1,422	582	695	367	328	1,309	1,055	254
1960–61	2,021	1,431	590	700	368	332	1,321	1,063	258
1961–62	2,033	1,443	590	718	374	344	1,315	1,069	246
1962–63	2,093	1,468	625	740	376	364	1,353	1,092	261
1963–64	2,132	1,499	633	760	386	374	1,372	1,113	259
1964–65	2,175	1,521	654	799	393	406	1,376	1,128	248
1965–66	2,230	1,551	679	821	401	420	1,409	1,150	259
1966–67	2,329	1,577	752	880	403	477	1,449	1,174	275
1967–68	2,374	1,588	786	934	414	520	1,440	1,174	266
1968–69	2,483	1,619	864	1,011	417	594	1,472	1,202	270
1969–70	2,525	1,639	886	1,060	426	634	1,465	1,213	252
1970–71	2,556	1,665	891	1,089	435	654	1,467	1,230	237
1971–72	2,606	1,675	931	1,137	440	697	1,469	1,235	234
1972–73	2,665	1,701	964	1,182	449	733	1,483	1,252	231
1973–74	2,720	1,717	1,003	1,200	440	760	1,520	1,277	243
1974–75	2,747	1,744	1,003	1,214	447	767	1,533	1,297	236
1975–76	2,765	1,767	998	1,219	447	772	1,546	1,320	226
1976–77	2,785	1,783	1,002	1,231	452	779	1,554	1,331	223
1977–78	2,826	1,808	1,018	1,241	454	787	1,585	1,354	231
1978–79	2,954	1,843	1,111	1,308	463	845	1,646	1,380	266
1979–80	2,975	1,863	1,112	1,310	464	846	1,665	1,399	266
1980–81	3,056	1,861	1,195	1,334	465	869	1,722	1,396	² 326
1981–82	3,083	1,883	1,200	1,340	471	869	1,743	1,412	² 331
1982–83	3,111	1,887	1,224	1,336	472	864	1,775	1,415	² 360
1983–84	3,117	1,914	1,203	1,325	474	851	1,792	1,440	352
1984–85	3,146	1,911	1,235	1,329	461	868	1,817	1,450	367
1985–86	3,155	1,915	1,240	1,326	461	865	1,829	1,454	375
Institutions of higher education, including branch campuses									
1974–75	3,004	1,866	1,138	1,433	537	896	1,571	1,329	242
1975–76	3,026	1,898	1,128	1,442	545	897	1,584	1,353	231
1976–77	3,046	1,913	1,133	1,455	550	905	1,591	1,363	228
1977–78	3,095	1,938	1,157	1,473	552	921	1,622	1,386	236
1978–79	3,134	1,941	1,193	1,474	550	924	1,660	1,391	269
1979–80	3,152	1,957	1,195	1,475	549	926	1,677	1,408	269
1980–81	3,231	1,957	1,274	1,497	552	945	1,734	1,405	² 329
1981–82	3,253	1,979	1,274	1,498	558	940	1,755	1,421	² 334
1982–83	3,280	1,984	1,296	1,493	560	933	1,787	1,424	² 363
1983–84	3,284	2,013	1,271	1,481	565	916	1,803	1,448	355
1984–85	3,331	2,025	1,306	1,501	566	935	1,830	1,459	371
1985–86	3,340	2,029	1,311	1,498	566	932	1,842	1,463	379
1986–87 ³	3,406	2,070	1,336	1,533	573	960	1,873	1,497	376
1987–88 ³	3,587	2,135	1,452	1,591	599	992	1,996	1,536	460
1988–89 ³	3,565	2,129	1,436	1,582	598	984	1,983	1,531	452
1989–90 ³	3,535	2,127	1,408	1,563	595	968	1,972	1,532	440
1990–91 ³	3,559	2,141	1,418	1,567	595	972	1,992	1,546	446
1991–92 ³	3,601	2,157	1,444	1,598	599	999	2,003	1,558	445
1992–93 ³	3,638	2,169	1,469	1,624	600	1,024	2,014	1,569	445
1993–94 ³	3,632	2,190	1,442	1,625	604	1,021	2,007	1,586	421
1994–95 ³	3,688	2,215	1,473	1,641	605	1,036	2,047	1,610	437
1995–96 ³	3,706	2,244	1,462	1,655	608	1,047	2,051	1,636	415
Title IV eligible degree-granting institutions									
1996–97	4,009	2,267	1,742	1,702	614	1,088	2,307	1,653	654
1997–98	4,064	2,309	1,755	1,707	615	1,092	2,357	1,694	663
1998–99	4,048	2,335	1,713	1,681	612	1,069	2,367	1,723	644
1999–2000	4,084	2,363	1,721	1,682	614	1,068	2,402	1,749	653
2000–01	4,182	2,450	1,732	1,698	622	1,076	2,484	1,828	656
2001–02	4,197	2,364	1,833	1,713	612	1,101	2,484	1,752	732
2002–03	4,168	2,324	1,844	1,712	611	1,101	2,456	1,713	743

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

² Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

³ Because of revised survey procedures, data are not entirely comparable with figures for earlier years. The number of branch campuses reporting separately has increased since 1986–87.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Education Directory, Colleges and Universities*, 1949–50 through 1965–66; Higher Edu-

cation General Information Survey (HEGIS), "Institutional Characteristics of Colleges and Universities" surveys, 1966–67 through 1985–86; and Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys, 1986–87 through 2000–01, and Spring 2001 and Spring 2002 surveys. (This table was prepared November 2003.)

Table 247. Degree-granting institutions and branches, by type and control of institution and state or jurisdiction: 2002-03

State or jurisdiction	Total	All public institutions	Public, 4-year institutions						Public 2-year	All private institutions	Private 4-year institutions						Private 2-year
			Total	Doc-tor's exten-sive ¹	Doc-tor's inten-sive ²	Mas-ter's ³	Bac-calau-re-ate ⁴	Other 4-year ⁵			Total	Doc-tor's exten-sive ¹	Doc-tor's inten-sive ²	Mas-ter's ³	Bac-calau-re-ate ⁴	Other 4-year ⁵	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
United States	4,168	1,712	611	103	63	283	100	62	1,101	2,456	1,713	49	46	363	558	697	743
Alabama	75	47	18	3	3	11	1	0	29	28	17	0	0	4	9	4	11
Alaska	8	5	3	0	1	2	0	0	2	3	2	0	0	1	1	0	1
Arizona	71	25	5	2	1	1	0	1	20	46	21	0	0	6	1	14	25
Arkansas	46	33	10	1	1	5	2	1	23	13	10	0	0	1	8	1	3
California	400	144	33	8	2	20	1	2	111	256	176	4	9	31	26	106	80
Colorado	76	28	13	2	2	3	4	2	15	48	27	1	0	5	5	16	21
Connecticut	45	22	10	1	0	7	1	1	12	23	18	1	2	5	5	5	5
Delaware	10	5	2	1	0	1	0	0	3	5	4	0	1	0	1	2	1
District of Columbia	16	2	2	0	0	1	0	1	0	14	14	5	0	4	1	4	0
Florida	161	40	12	4	2	4	1	1	28	121	80	1	4	20	23	32	41
Georgia	124	74	19	3	0	13	1	2	55	50	38	1	1	5	17	14	12
Hawaii	20	10	3	1	0	0	2	0	7	10	7	0	0	3	1	3	3
Idaho	14	7	4	1	1	1	1	0	3	7	5	0	0	1	1	3	2
Illinois	175	60	12	4	1	7	0	0	48	115	92	3	3	15	24	47	23
Indiana	99	29	14	2	3	6	3	0	15	70	44	1	0	8	22	13	26
Iowa	62	18	3	2	0	1	0	0	15	44	36	0	0	4	22	10	8
Kansas	60	35	9	2	1	4	0	2	26	25	21	0	0	8	10	3	4
Kentucky	79	37	8	2	0	6	0	0	29	42	26	0	0	4	16	6	16
Louisiana	87	62	15	1	3	9	0	2	47	25	13	1	0	4	4	4	12
Maine	32	15	8	1	0	1	5	1	7	17	11	0	0	3	5	3	6
Maryland	63	29	13	2	1	9	1	0	16	34	28	1	0	4	7	16	6
Massachusetts	119	31	15	1	2	7	1	4	16	88	77	7	2	15	21	32	11
Michigan	109	44	15	4	3	8	0	0	29	65	59	0	1	9	23	26	6
Minnesota	113	52	11	1	0	7	3	0	41	61	39	0	3	6	13	17	22
Mississippi	41	26	9	3	1	3	1	1	17	15	11	0	0	2	5	4	4
Missouri	119	32	13	1	3	6	2	1	19	87	61	2	0	11	16	32	26
Montana	22	17	6	0	2	2	1	1	11	5	4	0	0	1	2	1	1
Nebraska	38	14	7	1	0	5	0	1	7	24	15	0	0	4	8	3	9
Nevada	14	6	2	1	1	0	0	0	4	8	3	0	0	1	2	0	5
New Hampshire	25	9	5	1	0	2	2	0	4	16	13	0	2	2	5	4	3
New Jersey	57	33	14	1	2	8	2	1	19	24	20	1	2	5	6	6	4
New Mexico	43	27	7	2	1	3	0	1	20	16	13	0	0	4	3	6	3
New York	310	80	41	6	1	20	7	7	39	230	167	9	7	32	35	84	63
North Carolina	126	75	16	2	2	8	3	1	59	51	44	1	1	7	29	6	7
North Dakota	22	16	7	0	2	1	3	1	9	6	4	0	0	1	1	2	2
Ohio	179	61	19	5	5	1	6	2	42	118	68	1	2	15	25	25	50
Oklahoma	53	29	14	2	0	7	3	2	15	24	17	0	1	5	7	4	7
Oregon	57	26	9	2	1	3	1	2	17	31	27	0	0	6	9	12	4
Pennsylvania	257	68	45	3	1	19	20	2	23	189	96	3	3	28	34	28	93
Rhode Island	13	3	2	1	0	1	0	0	1	10	9	1	0	4	1	3	1
South Carolina	63	33	12	2	1	5	3	1	21	30	23	0	0	3	15	5	7
South Dakota	27	14	9	0	2	2	2	3	5	13	12	0	0	3	5	4	1
Tennessee	89	22	9	2	3	4	0	0	13	67	47	1	0	11	17	18	20
Texas	200	109	42	6	6	20	2	8	67	91	55	2	2	14	19	18	36
Utah	25	10	5	2	0	2	1	0	5	15	6	1	0	2	1	2	9
Vermont	27	6	5	1	0	2	1	1	21	17	0	0	0	6	9	2	4
Virginia	100	38	14	4	2	5	3	0	24	62	46	0	0	9	18	19	16
Washington	78	45	11	2	0	8	1	0	34	33	27	0	0	11	4	12	6
West Virginia	37	15	12	1	0	1	9	1	3	22	10	0	0	2	6	2	12
Wisconsin	68	31	13	2	0	11	0	0	18	37	33	1	0	8	10	14	4
Wyoming	9	8	1	1	0	0	0	0	7	1	0	0	0	0	0	0	1
U.S. Service Schools ..	5	5	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0
Outlying areas	83	29	15	0	1	4	7	3	14	54	40	0	0	7	18	15	14
American Samoa	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Federated States of																	
Micronesia	4	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
Guam	3	2	1	0	0	1	0	0	1	1	1	0	0	0	0	1	0
Marshall Islands	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Northern Marianas	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Palau	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Puerto Rico	70	17	12	0	1	1	7	3	5	53	39	0	0	7	18	14	14
Virgin Islands	2	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0

¹ Doctoral, extensive institutions are committed to graduate education through the doctorate, and award 50 or more doctor's degrees per year across at least 15 disciplines.

² Doctoral, intensive institutions are committed to education through the doctorate and award at least 10 doctor's degrees per year across 3 or more disciplines or at least 20 doctor's degrees overall.

³ Master's institutions offer a full range of baccalaureate programs and are committed to education through the master's degree. They award at least 20 master's degrees per year.

⁴ Baccalaureate institutions primarily emphasize undergraduate education.

⁵ Other specialized 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology and engineering. Includes some institu-

tions which have 4-year programs, but have not reported sufficient data to identify program category. Also, includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie classification system because they primarily award associate degrees.

NOTE: New institutions which do not have sufficient data to report by detailed level are included under "other 4-year" or 2-year depending on the level reported by the institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002. (This table was prepared November 2003.)

Table 248. Degree-granting institutions that have closed their doors, by control and type of institution: 1960-61 to 2002-03

Year	All institutions			Public			Private		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
Excluding branch campuses:									
Total, 1960-61 to 1991-92	343	179	164	38	1	37	305	178	127
1960-61	8	1	7	1	0	1	7	1	6
1961-62	2	1	1	0	0	0	2	1	1
1962-63	0	0	0	0	0	0	0	0	0
1963-64	7	1	6	1	0	1	6	1	5
1964-65	8	1	7	4	0	4	4	1	3
1965-66	8	2	6	4	0	4	4	2	2
1966-67	9	2	7	3	0	3	6	2	4
1967-68	14	6	8	0	0	0	14	6	8
1968-69	21	11	10	1	0	1	20	11	9
1969-70	18	8	10	3	0	3	15	8	7
1970-71	32	9	23	9	0	9	23	9	14
1971-72	12	3	9	3	0	3	9	3	6
1972-73	19	12	7	2	0	2	17	12	5
1973-74	18	11	7	0	0	0	18	11	7
1974-75	17	13	4	3	0	3	14	13	1
1975-76	8	6	2	2	1	1	6	5	1
1976-77	8	5	3	0	0	0	8	5	3
1977-78	12	9	3	0	0	0	12	9	3
1978-79	9	4	5	0	0	0	9	4	5
1979-80	6	5	1	0	0	0	6	5	1
1980-81	4	3	1	0	0	0	4	3	1
1981-82	7	6	1	0	0	0	7	6	1
1982-83	7	4	3	0	0	0	7	4	3
1983-84	4	4	0	0	0	0	4	4	0
1984-85	4	4	0	0	0	0	4	4	0
1985-86	10	6	4	1	0	1	9	6	3
1986-87 and 1987-88	25	19	6	1	0	1	24	19	5
1988-89	14	6	8	0	0	0	14	6	8
1989-90	12	6	6	0	0	0	12	6	6
1990-91	10	4	6	0	0	0	10	4	6
1991-92	10	7	3	0	0	0	10	7	3
Including branch campuses:									
Total, 1969-70 to 2002-03	523	237	286	44	5	39	479	232	247
1969-70	24	10	14	5	1	4	19	9	10
1970-71	35	10	25	11	0	11	24	10	14
1971-72	14	5	9	3	0	3	11	5	6
1972-73	21	12	9	4	0	4	17	12	5
1973-74	20	12	8	1	0	1	19	12	7
1974-75	18	13	5	4	0	4	14	13	1
1975-76	9	7	2	2	1	1	7	6	1
1976-77	9	6	3	0	0	0	9	6	3
1977-78	12	9	3	0	0	0	12	9	3
1978-79	9	4	5	0	0	0	9	4	5
1979-80	6	5	1	0	0	0	6	5	1
1980-81	4	3	1	0	0	0	4	3	1
1981-82	7	6	1	0	0	0	7	6	1
1982-83	7	4	3	0	0	0	7	4	3
1983-84	5	5	0	1	1	0	4	4	0
1984-85	4	4	0	0	0	0	4	4	0
1985-86	12	8	4	1	1	0	11	7	4
1986-87 and 1987-88	26	19	7	1	0	1	25	19	6
1988-89	14	6	8	0	0	0	14	6	8
1989-90	19	8	11	0	0	0	19	8	11
1990-91	18	6	12	0	0	0	18	6	12
1991-92	26	8	18	1	0	1	25	8	17
1992-93	24	6	18	0	0	0	24	6	18
1993-94	38	10	28	1	0	1	37	10	27
1994-95	15	8	7	2	0	2	13	8	5
1995-96	21	8	13	1	1	0	20	7	13
1996-97	36	13	23	2	0	2	34	13	21
1997-98	5	0	5	0	0	0	5	0	5
1998-99	7	1	6	1	0	1	6	1	5
1999-2000	16	3	13	3	0	3	13	3	10
2000-01	14	9	5	0	0	0	14	9	5
2001-02	15	2	13	0	0	0	15	2	13
2002-03	13	7	6	0	0	0	13	7	6

NOTE: This table indicates the year in which the institution closed. Data for 1960-61 to 1995-96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Education Directory, Higher Education, 1960-61 to 1974-75; Education Directory, Colleges and Universities, 1975-76 to 1983-84; 1982-83 Supplement to the Education Directory, Colleges and Universities*; and Integrated Postsecondary Education Data System, "Institutional Characteristics" surveys, 1986 through 1999, and Spring 2000 through Spring 2003 surveys; and unpublished data. (This table was prepared October 2003.)

Table 249. Earned degrees conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1869–70 to 2012–13

Year	Associate degrees			Bachelor's degrees			Master's degrees			First-professional degrees			Doctor's degrees ¹		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1869–70	—	—	—	² 9,371	² 7,993	² 1,378	0	0	0	(³)	(³)	(³)	1	1	0
1879–80	—	—	—	² 12,896	² 10,411	² 2,485	879	868	11	(³)	(³)	(³)	54	51	3
1889–90	—	—	—	² 15,539	² 12,857	² 2,682	1,015	821	194	(³)	(³)	(³)	149	147	2
1899–1900	—	—	—	² 27,410	² 22,173	² 5,237	1,583	1,280	303	(³)	(³)	(³)	382	359	23
1909–10	—	—	—	² 37,199	² 28,762	² 8,437	2,113	1,555	558	(³)	(³)	(³)	443	399	44
1919–20	—	—	—	² 48,622	² 31,980	² 16,642	4,279	2,985	1,294	(³)	(³)	(³)	615	522	93
1929–30	—	—	—	² 122,484	² 73,615	² 48,869	14,969	8,925	6,044	(³)	(³)	(³)	2,299	1,946	353
1939–40	—	—	—	² 186,500	² 109,546	² 76,954	26,731	16,508	10,223	(³)	(³)	(³)	3,290	2,861	429
1949–50	—	—	—	² 432,058	² 328,841	² 103,217	58,183	41,220	16,963	(³)	(³)	(³)	6,420	5,804	616
1959–60	—	—	—	² 392,440	² 254,063	² 138,377	74,435	50,899	23,537	(³)	(³)	(³)	9,829	8,801	1,028
1960–61	—	—	—	365,174	224,538	140,636	84,609	57,830	26,779	25,253	24,577	676	10,575	9,463	1,112
1961–62	—	—	—	383,961	230,456	153,505	91,418	62,603	28,815	25,607	24,836	771	11,622	10,377	1,245
1962–63	—	—	—	411,420	241,309	170,111	98,684	67,302	31,382	26,590	25,753	837	12,822	11,448	1,374
1963–64	—	—	—	461,266	265,349	195,917	109,183	73,850	35,333	27,209	26,357	852	14,490	12,955	1,535
1964–65	—	—	—	493,757	282,173	211,584	121,167	81,319	39,848	28,290	27,283	1,007	16,467	14,692	1,775
1965–66	111,607	63,779	47,828	520,115	299,287	220,828	140,602	93,081	47,521	30,124	28,982	1,142	18,237	16,121	2,116
1966–67	139,183	78,356	60,827	558,534	322,711	235,823	157,726	103,109	54,617	31,695	30,401	1,294	20,617	18,163	2,454
1967–68	159,441	90,317	69,124	632,889	357,682	274,607	176,749	113,552	63,197	33,939	32,402	1,537	23,089	20,183	2,906
1968–69	183,279	105,661	77,618	722,245	410,595	318,250	193,756	121,531	72,225	35,114	33,595	1,519	26,158	22,722	3,436
1969–70	206,023	117,432	88,591	792,316	451,097	341,219	208,291	125,624	82,667	34,918	33,077	1,841	29,866	25,890	3,976
1970–71	252,311	144,144	108,167	839,730	475,594	364,136	230,509	138,146	92,363	37,946	35,544	2,402	32,107	27,530	4,577
1971–72	292,014	166,227	125,787	887,273	500,590	386,683	251,633	149,550	102,083	43,411	40,723	2,688	33,363	28,090	5,273
1972–73	316,174	175,413	140,761	922,362	518,191	404,171	263,371	154,468	108,903	50,018	46,489	3,529	34,777	28,571	6,206
1973–74	343,924	188,591	155,333	945,776	527,313	418,463	277,033	157,842	119,191	53,816	48,530	5,286	33,816	27,365	6,451
1974–75	360,171	191,017	169,154	922,933	504,841	418,092	292,450	161,570	130,880	55,916	48,956	6,960	34,083	26,817	7,266
1975–76	391,454	209,996	181,458	925,746	504,925	420,821	311,771	167,248	144,523	62,649	52,892	9,757	34,064	26,267	7,797
1976–77	406,377	210,842	195,535	919,549	495,545	424,004	317,164	167,783	149,381	64,359	52,374	11,985	33,232	25,142	8,090
1977–78	412,246	204,718	207,528	921,204	487,347	433,857	311,620	161,212	150,408	66,581	52,270	14,311	32,131	23,658	8,473
1978–79	402,702	192,091	210,611	921,390	477,344	444,046	301,079	153,370	147,709	68,848	52,652	16,196	32,730	23,541	9,189
1979–80	400,910	183,737	217,173	929,417	473,611	455,806	298,081	150,749	147,332	70,131	52,716	17,415	32,615	22,943	9,672
1980–81	416,377	188,638	227,739	935,140	469,883	465,257	295,739	147,043	148,696	71,956	52,792	19,164	32,958	22,711	10,247
1981–82	434,526	196,944	237,582	952,998	473,364	479,634	295,546	145,532	150,014	72,032	52,223	19,809	32,707	22,224	10,483
1982–83	449,620	203,991	245,629	969,510	479,140	490,370	289,921	144,697	145,224	73,054	51,250	21,804	32,775	21,902	10,873
1983–84	452,240	202,704	249,536	974,309	482,319	491,990	284,263	143,595	140,668	74,468	51,378	23,090	33,209	22,064	11,145
1984–85	454,712	202,932	251,780	979,477	482,528	496,949	286,251	143,390	142,861	75,063	50,455	24,608	32,943	21,700	11,243
1985–86	446,047	196,166	249,881	987,823	485,923	501,900	288,567	143,508	145,059	73,910	49,261	24,649	33,653	21,819	11,834
1986–87	436,304	190,839	245,465	991,264	480,782	510,482	289,349	141,269	148,080	71,617	46,523	25,094	34,041	22,061	11,980
1987–88	435,085	190,047	245,038	994,829	477,203	517,626	299,317	145,163	154,154	70,735	45,484	25,251	34,870	22,615	12,255
1988–89	436,764	186,316	250,448	1,018,755	483,346	535,409	310,621	149,354	161,267	70,856	45,046	25,810	35,720	22,648	13,072
1989–90	455,102	191,195	263,907	1,051,344	491,696	559,648	324,301	153,653	170,648	70,988	43,961	27,027	38,371	24,401	13,970
1990–91	481,720	198,634	283,086	1,094,538	504,045	590,493	337,168	156,482	180,686	71,948	43,846	28,102	39,294	24,756	14,538
1991–92	504,231	207,481	296,750	1,136,553	520,811	615,742	352,838	161,842	190,996	74,146	45,071	29,075	40,659	25,557	15,102
1992–93	514,756	211,964	302,792	1,165,178	532,881	632,297	369,585	169,258	200,327	75,387	45,153	30,234	42,132	26,073	16,059
1993–94	530,632	215,261	315,371	1,169,275	532,422	636,853	387,070	176,085	210,985	75,418	44,707	30,711	43,185	26,552	16,633
1994–95	539,691	218,352	321,339	1,160,134	526,131	634,003	397,629	178,598	219,031	75,800	44,853	30,947	44,446	26,916	17,530
1995–96	555,216	219,514	335,702	1,164,792	522,454	642,338	406,301	179,081	227,220	76,734	44,748	31,986	44,652	26,841	17,811
1996–97	571,226	223,948	347,278	1,172,879	520,515	652,364	419,401	180,947	238,454	78,730	45,564	33,166	45,876	27,146	18,730
1997–98	558,555	217,613	340,942	1,184,406	519,956	664,450	430,164	184,375	245,789	78,598	44,911	33,687	46,010	26,664	19,346
1998–99	559,954	218,417	341,537	1,200,303	518,746	681,557	439,986	186,148	253,838	78,439	44,339	34,100	44,077	25,146	18,931
1999–2000	564,933	224,721	340,212	1,237,875	530,367	707,508	457,056	191,792	265,264	80,057	44,239	35,818	44,808	25,028	19,780
2000–01	578,865	231,645	347,220	1,244,171	531,840	712,331	468,476	194,351	274,125	79,707	42,862	36,845	44,904	24,728	20,176
2001–02	595,133	238,109	357,024	1,291,900	549,816	742,084	482,118	199,120	282,998	80,698	42,507	38,191	44,160	23,708	20,452
2002–03 ⁴	662,000	246,000	416,000	1,311,000	548,000	763,000	492,000	210,000	282,000	80,400	42,300	38,100	43,300	22,900	20,400
2003–04 ⁴	660,000	243,000	417,000	1,333,000	559,000	774,000	502,000	213,000	289,000	84,400	44,300	40,100	44,200	23,300	20,900
2004–05 ⁴	669,000	243,000	426,000	1,352,000	578,000	774,000	506,000	213,000	293,000	87,800	46,300	41,500	44,600	23,600	21,000
2005–06 ⁴	675,000	244,000	431,000	1,397,000	584,000	813,000	513,000	215,000	298,000	89,100	47,100	42,000	45,000	23,700	21,300
2006–07 ⁴	676,000	243,000	433,000	1,413,000	585,000	828,000	519,000	217,000	302,000	90,100	47,300	42,800	45,300	23,800	21,500
2007–08 ⁴	681,000	244,000	437,000	1,425,000	589,000	836,000	522,000	218,000	304,000	91,300	47,800	43,500	45,600	24,000	21,600
2008–09 ⁴	684,000	244,000	440,000	1,441,000	594,000	847,000	526,000	219,000	307,000	92,200	48,300	43,900	45,700	24,100	21,600
2009–10 ⁴	688,000	245,000	443,000	1,456,000	598,000	858,000	530,000	220,000	310,000	92,900	48,600	44,300	45,900	24,200	21,700
2010–11 ⁴	692,000	246,000	446,000	1,469,000	603,000	866,000	536,000	222,000	314,000	93,600	48,800	44,800	46,200	24,400	21,800
2011–12 ⁴	696,000	247,000	449,000	1,488,000	610,000	878,000	544,000	224,000	320,000	94,600	49,200	45,400	46,600	24,500	22,100
2012–13 ⁴	699,000	248,000	451,000	1,509,000	616,000	893,000	556,000	228,000	328,000	95,900	49,600	46,300	47,300	24,700	22,600

—Not

Table 250. Associate degrees conferred by degree-granting institutions, by field of study: 1990-91 to 2001-02

Field of study	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	481,720	504,231	514,756	530,632	539,691	555,216	571,226	558,555	559,954	564,933	578,865	595,133
Agriculture and natural resources, total	4,910	5,251	5,398	5,636	5,730	6,182	6,463	6,673	6,633	6,667	6,649	6,494
Agricultural business and production	2,905	3,046	3,222	3,434	3,564	3,846	4,176	4,247	4,327	4,350	4,221	4,221
Agricultural sciences	879	951	837	871	829	877	845	959	894	943	979	904
Conservation and renewable natural resources	1,126	1,254	1,339	1,331	1,337	1,459	1,442	1,467	1,412	1,374	1,449	1,369
Architecture and related programs	2,031	443	372	353	277	256	316	265	405	392	417	443
Area, ethnic, and cultural studies	19	29	33	75	68	111	84	104	308	259	307	319
Biological/life sciences	1,119	1,361	1,435	1,771	1,879	2,037	2,116	2,113	2,211	1,434	1,444	1,517
Business management and administrative services	89,537	93,762	91,719	92,284	90,113	93,487	95,532	91,399	91,190	92,274	93,072	93,073
Accounting	14,577	15,687	15,115	15,307	14,970	15,926	16,017	14,807	14,325	13,562	13,158	12,315
Business, general	11,618	11,823	11,190	11,452	11,622	11,397	11,385	11,311	11,514	12,283	12,621	12,936
Business administration and management	26,625	31,185	29,556	29,691	28,968	28,901	29,804	28,793	28,615	28,486	28,947	30,268
Business and management, other	11,663	11,089	12,285	11,114	10,233	9,950	12,166	8,632	8,575	7,841	7,805	7,546
Business data processing	8,182	6,394	6,405	6,883	6,962	7,381	8,553	8,576	10,003	13,129	14,033	15,579
Secretarial and related programs	16,872	17,584	17,168	17,837	17,358	19,932	17,607	19,280	18,158	16,973	16,508	14,429
Communications	1,847	1,886	1,904	2,052	3,160	2,187	2,030	2,368	2,639	2,754	2,949	2,819
Communications technologies	2,032	1,794	1,828	2,469	1,984	1,757	1,743	1,602	1,541	1,709	1,983	2,021
Computer and information sciences	7,677	9,290	9,196	9,301	9,152	9,658	10,990	13,870	16,968	20,450	26,339	30,965
Construction trades	1,793	1,560	1,653	1,695	1,728	2,141	1,928	2,172	2,137	2,337	2,682	2,639
Consumer and personal services	2,494	4,420	4,692	5,175	5,626	7,721	8,211	7,744	9,206	9,570	10,429	10,115
Education	7,842	10,267	9,315	9,271	9,658	9,750	10,526	9,278	9,971	8,226	9,219	9,267
Engineering	2,451	2,685	2,478	2,445	2,232	2,197	1,952	2,149	2,033	1,752	1,825	1,724
Engineering-related technologies	37,890	35,861	36,321	35,618	34,732	33,002	33,810	32,748	34,047	35,395	34,467	32,895
English language and literature/letters	426	1,019	1,320	1,289	1,548	1,310	1,455	1,609	1,621	947	877	864
Foreign languages and literatures	327	433	511	492	616	607	689	543	549	501	529	517
Health professions and related sciences	70,833	79,453	86,237	94,601	98,474	101,872	98,921	92,031	90,557	84,081	82,184	79,888
Dental assisting	3,810	4,013	4,165	4,259	4,312	4,564	4,866	4,904	6,628	5,566	4,709	5,237
Emergency medical technician-ambulance and paramedic	371	378	442	510	771	889	1,048	975	918	1,152	1,134	1,203
Medical lab technician	1,731	1,874	2,172	2,570	2,769	2,982	2,641	2,370	2,033	1,644	1,502	1,384
Medical assisting	1,496	1,960	2,130	2,785	3,544	4,941	5,019	5,102	5,358	5,414	5,863	4,748
Nursing assisting	5	19	86	6	2	7	13	23	12	7	2	0
Practical nursing	797	795	890	740	772	605	429	499	447	575	619	814
Nursing, R.N. and other	45,317	51,193	54,085	57,405	57,456	56,562	53,103	47,365	43,035	40,772	40,284	40,819
Health sciences, other	17,306	19,221	22,267	26,326	28,848	31,322	31,802	30,793	32,126	28,951	28,071	25,683
Home economics and vocational home economics	8,067	6,436	6,914	7,463	7,821	8,192	8,551	8,292	8,502	8,381	8,630	9,480
Law and legal studies	5,484	7,053	8,028	8,681	9,140	9,106	8,968	7,797	7,400	7,265	6,854	6,825
Liberal arts and sciences, general studies, and humanities	142,722	154,594	158,040	165,106	170,817	174,970	181,341	186,248	181,977	187,454	196,843	207,163
Library science	111	103	85	118	101	94	126	96	86	98	103	96
Marketing operations/marketing and distribution	12,713	8,465	7,445	6,736	6,187	5,960	5,656	5,516	5,452	5,557	5,317	5,723
Mathematics	670	744	743	704	782	758	792	844	823	675	695	685
Mechanics and repairers	7,640	10,264	10,966	11,332	11,497	12,524	12,180	10,616	10,806	11,614	12,650	12,086
Multi/interdisciplinary studies	7,454	7,841	8,486	8,436	8,692	8,611	9,182	9,401	8,658	11,784	10,438	13,204
Parks, recreation, leisure, and fitness studies	425	620	717	755	864	936	913	895	871	855	841	830
Philosophy and religion	89	60	111	82	81	83	89	94	74	63	65	134
Physical sciences	2,091	2,066	2,241	2,546	2,456	2,612	2,526	2,286	2,399	2,460	2,337	2,308
Physical sciences, other	1,281	1,228	1,390	1,567	1,645	1,749	1,728	1,584	1,594	1,350	1,207	1,346
Science technologies	810	838	851	979	811	863	798	702	805	1,110	1,130	962
Precision production trades	9,093	9,005	9,204	9,357	9,344	10,217	10,368	11,085	11,598	11,814	11,493	10,818
Protective services	13,564	15,117	16,834	18,199	19,709	19,196	19,889	19,002	17,430	16,298	16,425	16,689
Criminal justice and corrections	11,358	12,649	14,295	15,262	16,584	15,990	16,644	15,915	14,448	13,487	13,589	13,603
Fire control and safety	1,634	1,989	2,020	2,243	2,447	2,523	2,638	2,480	2,395	2,364	2,346	2,619
Protective services, other	572	479	519	694	678	683	607	607	587	447	490	467
Psychology	997	1,209	1,237	1,377	1,600	1,583	1,612	1,765	1,625	1,455	1,554	1,705
Public administration and services	2,779	3,162	3,301	3,696	3,882	4,218	4,270	4,156	3,881	3,656	3,333	3,323
R.O.T.C. and military technologies	85	172	52	265	364	556	556	22	42	65	120	62
Social sciences and history	2,505	3,160	3,930	3,936	3,634	4,021	4,056	4,196	4,550	5,136	5,132	5,593
Theological studies/religious vocations	578	496	508	641	607	608	574	570	476	636	576	414
Transportation and material moving workers	2,609	2,418	2,210	1,922	1,446	1,571	1,612	1,009	1,154	1,021	1,068	1,159
Visual and performing arts	9,126	11,888	12,690	13,227	12,544	13,534	13,593	14,980	17,640	17,100	18,435	20,911
Fine arts, general	1,166	1,159	1,346	1,473	1,420	1,515	1,516	1,281	3,029	1,314	1,435	1,521
Design and music	5,986	9,142	9,699	10,173	9,805	10,579	10,459	11,591	12,026	12,780	14,410	16,388
Visual and performing arts, other	1,974	1,587	1,645	1,581	1,319	1,440	1,618	2,108	2,585	3,006	2,590	3,002
Not classified by field of study	19,690	9,844	6,602	1,526	1,146	1,591	7,606	3,017	2,494	2,798	584	365

NOTE: Data were imputed for 1998-99 using alternative procedures. (See Guide to Sources for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1990-91 through 1998-99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 251. Associate degrees and other subbaccalaureate awards conferred by degree-granting institutions, by length of curriculum, sex of student, and field of study: 2001–02

Field of study	Less than 1-year awards			1- to less than 4-year awards			Associate degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Total	163,977	80,414	83,563	145,254	61,915	83,339	595,133	238,109	357,024
Agriculture and natural resources, total	2,994	2,445	549	2,272	1,526	746	6,494	4,195	2,299
Agricultural business and production	1,950	1,519	431	2,117	1,421	696	4,221	2,700	1,521
Agricultural sciences	104	87	17	47	25	22	904	449	455
Conservation and renewable natural resources	940	839	101	108	80	28	1,369	1,046	323
Architecture and related programs	31	11	20	114	15	99	443	101	342
Area, ethnic, and cultural studies	263	65	198	96	14	82	319	63	256
Biological/life sciences	82	44	38	29	12	17	1,517	478	1,039
Business management and administrative services	25,816	8,890	16,926	24,160	6,396	17,764	93,073	29,848	63,225
Accounting	2,498	373	2,125	3,578	574	3,004	12,315	2,230	10,085
Business, general	796	444	352	1,221	442	779	12,936	4,546	8,390
Business administration and management	2,877	1,100	1,777	2,760	870	1,890	30,268	10,902	19,366
Business and management, other	4,434	1,787	2,647	1,359	509	850	7,546	2,595	4,951
Business data processing	6,518	3,822	2,696	6,058	3,420	2,638	15,579	8,715	6,864
Secretarial and related programs	8,693	1,364	7,329	9,184	581	8,603	14,429	860	13,569
Communications	386	154	232	208	109	99	2,819	1,395	1,424
Communications technologies	399	239	160	475	290	185	2,021	1,247	774
Computer and information sciences	9,014	6,176	2,838	8,634	5,463	3,171	30,965	19,815	11,150
Construction trades	3,916	3,699	217	5,440	5,233	207	2,639	2,500	139
Consumer and personal services	5,881	1,367	4,514	8,945	2,321	6,624	10,115	5,307	4,808
Education	2,056	440	1,616	893	123	770	9,267	1,870	7,397
Engineering	84	66	18	78	49	29	1,724	1,436	288
Engineering-related technologies	4,996	4,096	900	6,032	5,275	757	32,895	28,380	4,515
English language and literature/letters	324	112	212	121	41	80	864	295	569
Foreign languages and literatures	280	81	199	41	2	39	517	220	297
Health professions and related sciences	44,405	9,702	34,703	43,942	5,668	38,274	79,888	10,185	69,703
Dental assisting	1,238	71	1,167	3,672	183	3,489	5,237	193	5,044
Emergency medical technician-ambulance and paramedic	8,135	5,241	2,894	2,091	1,483	608	1,203	785	419
Medical lab technician	254	26	228	391	187	204	1,384	287	1,097
Medical assisting	5,261	328	4,933	5,993	254	5,739	4,748	188	4,560
Nursing assisting	13,617	1,288	12,329	929	66	863	0	0	0
Practical nursing	1,221	111	1,110	17,832	1,359	16,473	814	69	745
Nursing, R.N. and other	1,343	98	1,245	1,891	200	1,691	40,819	4,121	36,698
Health sciences, other	13,336	2,539	10,797	11,143	1,936	9,207	25,683	4,542	21,141
Home economics and vocational home economics	9,025	2,238	6,787	4,443	456	3,987	9,480	741	8,739
Law and legal studies	768	105	663	1,390	169	1,221	6,825	777	6,048
Liberal arts and sciences, general studies, and humanities	268	86	182	3,408	1,162	2,246	207,163	76,176	130,987
Library science	150	14	136	49	10	39	96	12	84
Marketing operations/marketing and distribution	8,523	4,315	4,208	934	289	645	5,723	1,363	4,360
Mathematics	2	2	0	5	2	3	685	445	240
Mechanics and repairers	9,419	8,475	944	15,180	14,356	824	12,086	11,319	767
Multi/interdisciplinary studies	436	212	224	193	50	143	13,204	5,770	7,434
Parks, recreation, leisure, and fitness studies	250	126	124	411	133	278	830	463	367
Philosophy and religion	11	2	9	30	10	20	134	70	64
Physical sciences	167	91	76	130	67	63	2,308	1,246	1,062
Physical sciences, other	21	10	11	6	5	1	1,346	714	632
Science technologies	146	81	65	124	62	62	962	532	430
Precision production trades	5,454	4,650	804	7,823	6,651	1,172	10,818	8,391	2,427
Protective services	13,740	10,558	3,182	4,104	3,117	987	16,689	10,292	6,397
Criminal justice and corrections	11,348	8,378	2,970	3,417	2,548	869	13,603	7,632	5,971
Fire control and safety	2,308	2,134	174	548	495	53	2,619	2,417	202
Protective services, other	84	46	38	139	74	65	467	243	224
Psychology	50	8	42	34	4	30	1,705	371	1,334
Public administration and services	489	79	410	376	67	309	3,323	468	2,855
R.O.T.C. and military technologies	0	0	0	0	0	0	62	54	8
Social sciences and history	291	156	135	48	23	25	5,593	1,846	3,747
Theological studies/religious vocations	70	30	40	440	234	206	414	178	236
Transportation and material moving workers	12,275	10,793	1,482	842	776	66	1,159	998	161
Visual and performing arts	1,659	885	774	3,854	1,781	2,073	20,911	9,613	11,298
Fine arts, general	23	4	19	106	37	69	1,521	526	995
Design and music	1,279	726	553	3,373	1,596	1,777	16,388	7,488	8,900
Visual and performing arts, other	357	155	202	375	148	227	3,002	1,599	1,403
Not classified by field of study	3	2	1	80	21	59	365	181	184

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 252. Bachelor's degrees conferred by degree-granting institutions, by discipline division: Selected years, 1970-71 to 2001-02

Discipline division	1970-71	1975-76	1980-81	1985-86	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	839,730	925,746	935,140	987,823	1,094,538	1,136,553	1,165,178	1,169,275	1,160,134	1,164,792	1,172,879	1,184,406	1,200,303	1,237,875	1,244,171	1,291,900
Agriculture and natural resources	12,672	19,402	21,886	16,823	13,124	15,124	16,778	18,070	19,841	21,431	22,602	23,284	23,930	24,247	23,382	23,353
Architecture and related programs	5,570	9,146	9,455	9,119	9,781	8,753	9,167	8,975	8,756	8,352	7,944	7,652	8,246	8,462	8,480	8,808
Area, ethnic, and cultural studies	2,582	3,577	2,887	3,178	4,884	5,342	5,481	5,573	5,706	5,786	5,839	6,153	6,252	6,381	6,317	6,557
Biological sciences/life sciences	35,743	54,275	43,216	38,524	39,530	42,941	47,038	51,383	55,984	60,994	63,975	65,868	65,014	63,532	60,553	60,256
Business	114,729	142,034	198,983	237,319	249,311	256,603	256,842	246,654	234,323	227,102	226,633	233,119	242,236	257,709	265,746	281,330
Communications	10,324	20,045	29,424	41,666	51,650	54,257	53,874	51,164	48,104	47,320	47,230	49,385	51,384	55,760	58,013	62,791
Communications technologies	478	1,237	1,854	1,410	1,123	720	832	663	699	683	538	729	935	1,150	1,050	1,110
Computer and information sciences	2,388	5,652	15,121	41,889	25,083	24,557	24,200	24,200	24,404	24,098	24,768	26,852	29,345	36,195	41,954	47,299
Education	176,307	154,437	109,074	87,114	110,807	108,006	107,781	107,600	106,079	105,509	105,233	105,968	107,172	108,168	105,566	106,383
Engineering	44,898	38,388	63,287	76,225	61,531	61,206	61,973	62,220	62,342	62,114	61,185	59,910	57,918	58,427	58,098	59,481
Engineering-related technologies	5,148	7,943	11,713	19,435	17,119	16,335	16,078	16,005	15,812	15,323	13,972	14,000	13,986	14,128	14,189	14,483
English language and literature/letters	64,342	42,006	32,254	34,552	51,841	54,951	56,133	53,924	51,901	50,698	49,345	49,708	50,535	50,920	51,419	53,162
Foreign languages and literatures	20,536	16,484	11,273	10,984	13,133	13,903	14,387	14,378	13,775	13,952	13,674	14,451	14,962	14,968	15,146	15,318
Health professions and related sciences	25,226	53,958	63,649	64,396	59,070	61,720	67,089	74,421	79,855	84,036	85,631	84,379	82,622	78,458	73,490	70,517
Home economics and vocational home economics	11,167	17,409	18,370	14,889	14,892	14,898	15,100	15,522	15,345	15,803	16,571	17,296	17,689	17,779	17,777	18,153
Law and legal studies	545	531	776	1,197	1,758	2,144	2,056	2,171	2,032	2,052	2,038	2,017	1,901	1,925	1,958	1,971
Liberal arts and sciences, general studies, and humanities	7,481	18,855	21,643	21,336	30,526	32,174	33,456	33,397	33,356	33,997	34,776	33,202	34,772	36,104	37,962	39,333
Library science	1,013	843	375	155	90	97	83	62	50	58	48	73	78	154	52	74
Mathematics	24,937	16,329	11,433	17,147	15,310	14,783	14,812	14,396	13,723	13,143	12,820	12,328	12,539	12,070	11,674	12,395
Multi/interdisciplinary studies	6,286	13,588	12,848	13,489	17,561	20,647	23,955	25,167	26,033	26,515	26,137	26,163	26,581	27,460	25,999	27,629
Parks, recreation, leisure and fitness studies	1,621	5,182	5,729	4,620	4,315	8,446	9,859	11,470	12,889	13,983	15,401	16,781	18,064	19,111	19,565	20,554
Philosophy and religion	8,146	8,447	6,776	6,239	7,315	7,526	7,781	7,546	7,276	7,388	7,685	8,207	8,263	8,366	8,560	9,306
Physical sciences and science technologies	21,412	21,465	23,952	21,717	16,344	16,960	17,545	18,400	19,177	19,647	19,531	19,416	18,337	18,385	17,979	17,851
Precision production trades	—	—	—	400	460	378	388	420	353	401	326	407	386	393	347	468
Protective services	2,045	12,507	13,707	12,704	16,806	18,855	20,902	23,009	24,157	24,810	25,165	25,076	24,601	24,877	25,211	25,536
Psychology	38,187	50,278	41,068	40,628	58,655	63,513	66,728	69,259	72,083	73,291	74,191	73,972	73,536	74,060	73,534	76,671
Public administration and services	5,466	15,440	16,707	11,887	14,350	15,987	16,775	17,815	18,586	19,849	20,649	20,408	20,287	20,185	19,447	19,392
R.O.T.C. and military technologies	357	952	42	256	183	184	11	19	27	7	4	3	2	7	21	3
Social sciences and history	155,324	126,396	100,513	93,840	125,107	133,974	135,703	133,680	128,154	126,479	124,891	125,040	124,658	127,101	128,036	132,874
Theological studies/religious vocations	3,744	5,520	5,841	5,607	4,813	4,729	5,433	5,434	5,578	5,358	5,591	5,903	6,280	6,809	6,967	7,785
Transportation and material moving workers	662	1,282	1,801	1,837	2,622	3,598	3,930	3,923	3,698	3,561	3,547	3,206	3,383	3,395	3,748	4,020
Visual and performing arts	30,394	42,138	40,479	37,241	42,186	46,522	47,761	49,053	48,690	49,296	50,083	52,077	54,404	58,791	61,148	66,773
Not classified by field of study	0	0	0	0	13,258	6,720	5,247	3,302	1,346	1,756	4,856	1,373	5	2,398	783	264

—Not available.
 NOTE: The new Classification of Instructional Programs was initiated in 1991-92. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services; and "Engineering-related technologies" includes Engineering-related technologies, Mechanics and repairers, and Construction trades. Data for 1998-99 were imputed using alternative procedures. (See Guide to Sources for details.)
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1990-91 through 1998-99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 253. Master's degrees conferred by degree-granting institutions, by discipline division: Selected years, 1970-71 to 2001-02

Discipline division	1970-71	1975-76	1980-81	1985-86	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	230,509	311,771	295,739	288,567	337,168	352,838	369,585	387,070	397,629	406,301	419,401	430,164	439,986	457,056	468,476	482,118
Agriculture and natural resources	2,457	3,340	4,003	3,801	3,295	3,735	3,965	4,119	4,252	4,569	4,516	4,475	4,417	4,375	4,281	4,519
Architecture and related programs	1,705	3,215	3,153	3,260	3,490	3,640	3,808	3,943	3,923	3,993	4,034	4,347	4,172	4,268	4,302	4,566
Area, ethnic, and cultural studies	1,032	995	804	945	1,263	1,385	1,523	1,633	1,639	1,713	1,651	1,617	1,500	1,591	1,601	1,578
Biological sciences/life sciences	5,728	6,582	5,978	5,013	4,765	4,785	4,756	5,196	5,393	6,157	6,466	6,261	6,192	6,198	6,344	6,205
Business	25,977	42,054	57,391	66,689	78,255	84,642	89,615	93,437	93,809	93,982	97,619	102,171	108,085	112,258	116,475	120,785
Communications	1,770	2,961	2,896	3,500	4,123	4,180	4,754	5,005	5,142	5,080	5,227	5,611	5,293	5,169	5,218	5,510
Communications technologies	86	165	209	323	213	284	455	414	467	524	374	564	325	436	533	549
Computer and information sciences	1,588	2,603	4,218	8,070	9,324	9,530	10,163	10,416	10,326	10,151	10,098	11,246	12,250	14,264	16,038	16,113
Education	87,666	126,061	96,713	74,801	87,943	92,668	96,028	98,938	101,242	106,253	110,087	114,691	119,427	124,240	129,066	136,579
Engineering	16,309	16,014	16,386	21,040	23,962	24,983	27,626	28,621	28,553	27,441	25,787	25,936	25,544	25,596	26,250	26,015
Engineering-related technologies	134	328	323	617	996	994	1,100	1,133	1,117	1,125	1,040	1,152	1,014	926	858	905
English language and literature/letters	10,686	8,809	5,929	5,518	7,026	7,450	7,790	7,885	7,845	7,893	7,722	7,795	7,478	7,230	6,941	7,268
Foreign languages and literatures	5,217	4,190	2,690	2,494	2,800	2,926	3,198	3,288	3,136	3,124	3,077	2,927	2,860	2,780	2,801	2,861
Health professions and related sciences	5,749	12,556	16,515	18,573	21,200	23,065	25,718	28,025	31,243	33,398	35,958	39,260	40,589	42,456	43,617	43,644
Home economics and vocational home economics	1,452	2,179	2,570	2,294	2,019	2,412	2,479	2,421	2,864	2,917	2,888	2,914	2,880	2,830	2,801	2,616
Law and legal studies	955	1,442	1,832	1,924	2,057	2,369	2,197	2,432	2,511	2,751	2,886	3,228	3,308	3,750	3,829	4,053
Liberal arts and sciences, general studies, and humanities	885	2,633	2,375	1,586	2,213	2,394	2,416	2,496	2,565	2,778	2,661	2,801	3,101	3,256	3,193	2,754
Library science	7,001	8,037	4,859	3,564	4,763	4,893	4,871	5,116	5,057	5,099	4,982	4,871	4,752	4,577	4,727	5,113
Mathematics	5,695	4,315	3,074	3,607	4,041	4,011	4,067	4,100	4,181	4,031	3,783	3,643	3,466	3,412	3,373	3,487
Multidisciplinary studies	821	1,158	2,144	2,625	1,796	2,126	2,498	2,464	2,457	2,347	2,819	2,677	2,663	3,064	2,960	3,211
Parks, recreation, leisure and fitness studies	218	571	643	570	483	1,358	1,434	1,625	1,755	1,751	1,966	2,024	2,076	2,478	2,487	2,754
Philosophy and religion	1,326	1,356	1,229	1,163	1,441	1,146	1,425	1,350	1,380	1,302	1,252	1,307	1,295	1,329	1,340	1,334
Physical sciences and science technologies	6,367	5,466	5,284	5,902	5,309	5,374	5,366	5,679	5,753	5,847	5,563	5,361	5,159	4,841	5,082	5,034
Precision production trades	—	1,197	1,538	1,074	1,108	1,249	1,357	1,437	1,706	1,812	1,845	2,000	2,249	2,609	2,514	2,935
Protective services	194	—	—	0	0	0	2	2	5	8	3	15	7	5	2	2
Psychology	5,717	10,167	10,223	9,845	11,349	10,215	10,957	12,181	13,921	13,792	14,353	13,747	14,247	14,465	15,196	14,888
Public administration and services	7,785	15,209	17,803	15,692	17,905	19,243	20,634	21,833	23,501	24,229	24,781	25,144	24,925	25,594	25,268	25,448
R.O.T.C. and military technologies	2	0	43	83	0	0	108	124	124	136	136	0	0	0	0	0
Social sciences and history	16,539	15,953	11,945	10,564	12,233	12,702	13,471	14,561	14,845	15,012	14,787	14,938	14,431	14,066	13,791	14,112
Theological studies/religious vocations	2,710	3,290	4,220	4,556	4,810	5,185	4,985	4,956	5,240	5,107	4,975	4,692	4,727	5,576	4,900	4,952
Transportation and material moving workers	63	108	120	454	406	385	495	664	823	919	919	736	713	697	756	709
Visual and performing arts	6,675	8,817	8,629	8,420	8,657	9,353	9,440	9,925	10,277	10,280	10,627	11,145	10,753	10,918	11,404	11,595
Not classified by field of study	0	0	0	0	8,523	4,156	884	1,651	577	780	4,519	868	88	1,802	528	24

—Not available.
 NOTE: The new Classification of Instructional Programs was initiated in 1991-92. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services; and "Engineering-related technologies" includes Engineering-related technologies, Mechanics and repairers, and Construction trades. Data for 1998-99 were imputed using alternative procedures. (See Guide to Sources for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1990-91 through 1998-99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 254. Doctor's degrees conferred by degree-granting institutions, by discipline division: Selected years, 1970-71 to 2001-02

Discipline division	1970-71	1975-76	1980-81	1985-86	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	32,107	34,064	32,958	33,653	39,294	40,659	42,132	43,185	44,446	44,652	45,876	46,010	44,077	44,808	44,904	44,160
Agriculture and natural resources	1,086	928	1,067	1,158	1,185	1,214	1,173	1,278	1,264	1,271	1,217	1,302	1,248	1,181	1,139	1,166
Architecture and related programs	36	82	93	73	135	132	148	141	141	141	135	131	123	129	153	183
Area, ethnic, and cultural studies	144	188	162	159	167	155	178	155	186	184	182	181	197	217	220	216
Biological sciences/life sciences	3,645	3,392	3,718	3,358	4,093	4,243	4,435	4,534	4,645	4,780	4,812	4,961	4,619	4,867	4,600	4,489
Business	757	900	795	934	1,185	1,242	1,346	1,364	1,394	1,368	1,336	1,290	1,202	1,196	1,180	1,158
Communications	145	196	171	212	259	252	293	337	320	338	296	354	347	347	368	374
Communications technologies	0	8	11	11	15	3	8	8	1	7	4	5	5	10	2	9
Computer and information sciences	128	244	252	344	676	772	805	810	884	867	857	858	800	777	768	750
Education	6,041	7,202	7,279	6,605	6,187	6,864	7,030	6,908	6,905	6,676	6,751	6,729	6,841	6,830	6,716	6,967
Engineering	3,637	2,819	2,551	3,398	5,258	5,488	5,823	5,963	6,110	6,369	6,201	5,980	5,422	5,384	5,558	5,195
Engineering-related technologies	1	2	10	12	14	11	20	16	18	11	9	14	5	6	19	15
English language and literature/letters	1,650	1,672	1,164	991	1,184	1,273	1,341	1,344	1,561	1,535	1,575	1,639	1,540	1,628	1,506	1,446
Foreign languages and literatures	988	1,076	804	672	758	850	830	886	905	876	915	959	904	915	894	843
Health professions and related sciences	466	577	842	1,241	1,613	1,661	1,767	1,902	2,069	2,119	2,672	2,484	2,535	2,676	2,855	3,523
Home economics and vocational home economics	123	178	247	311	253	293	345	365	388	414	382	424	361	357	388	355
Law and legal studies	20	76	60	54	90	68	86	79	88	91	81	66	58	74	286	79
Liberal arts and sciences, general studies, and humanities	32	162	121	90	70	67	81	80	90	75	77	87	78	83	102	113
Library science	39	71	71	62	56	50	77	45	55	53	46	48	55	68	58	45
Mathematics	1,249	909	775	777	1,036	1,082	1,189	1,157	1,226	1,209	1,174	1,259	1,124	1,106	1,024	958
Multidisciplinary studies	59	111	158	263	220	231	196	227	238	441	451	508	441	384	413	384
Parks, recreation, leisure, and fitness studies	2	15	42	39	28	61	108	116	149	104	108	129	137	134	177	151
Philosophy and religion	554	554	410	477	456	475	448	528	507	549	593	585	574	586	596	606
Physical sciences and science technologies	4,390	3,431	3,141	3,551	4,290	4,391	4,393	4,650	4,483	4,571	4,474	4,571	4,190	4,018	3,976	3,803
Protective services	1	9	21	21	28	24	32	25	26	38	31	39	48	52	44	49
Psychology	2,144	3,157	3,576	3,593	3,932	3,373	3,651	3,563	3,822	3,711	4,053	4,073	4,248	4,310	4,659	4,341
Public administration and services	174	292	362	382	430	432	459	519	556	499	518	499	532	537	574	571
Social sciences and history	3,660	4,157	3,122	2,955	3,012	3,218	3,460	3,627	3,725	3,760	3,989	4,127	3,855	4,095	3,930	3,902
Theoretical studies/religious vocations	312	1,033	1,276	1,185	1,079	1,259	1,417	1,448	1,591	1,521	1,395	1,460	1,452	1,643	1,469	1,355
Transportation and material moving workers	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0
Visual and performing arts	621	620	654	722	838	906	882	1,054	1,080	1,067	1,060	1,163	1,130	1,127	1,167	1,114
Not classified by field of study	0	0	0	0	747	569	111	36	19	7	482	85	6	71	63	0

NOTE: Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees such as M.D., D.D.S., and law degrees. The new Classification of Instructional Programs was initiated in 1991-92. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services; and "Engineering-related technologies" includes Engineering-related technologies, Mechanics and repairers, and Construction trades. Data for 1998-99 were imputed using alternative procedures. (See Guide to Sources for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1990-91 through 1998-99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
All fields	1,291,900	549,816	742,084	482,118	199,120	282,998	44,160	23,708	20,452
Agriculture and natural resources, total	23,353	12,643	10,710	4,519	2,345	2,174	1,166	775	391
Agricultural business and production, total	5,976	3,868	2,108	557	340	217	175	119	56
Agricultural business and management, total	3,956	2,586	1,370	415	252	163	135	96	39
Agricultural business and management, general	929	580	349	65	41	24	0	0	0
Agricultural business/agribusiness operations	1,541	1,026	515	26	16	10	0	0	0
Agricultural economics	860	600	260	316	189	127	135	96	39
Agricultural business and management, other	626	380	246	8	6	2	0	0	0
Agricultural mechanization	267	239	28	2	2	0	0	0	0
Agricultural production workers and managers	242	135	107	53	44	9	9	7	2
Horticulture service operations and management	751	499	252	41	18	23	16	11	5
International agriculture	20	6	14	8	5	3	0	0	0
Agricultural business and production, other	740	403	337	38	19	19	15	5	10
Agricultural sciences, total	8,442	3,896	4,546	1,649	871	778	616	395	221
Agriculture/agricultural sciences, general	1,338	826	512	200	124	76	6	3	3
Animal sciences, total	3,930	1,268	2,662	447	227	220	191	127	64
Animal sciences, general	3,455	1,084	2,371	362	185	177	144	97	47
Agricultural animal breeding and genetics	51	28	23	5	2	3	9	6	3
Agricultural animal health	0	0	0	7	3	4	0	0	0
Agricultural animal nutrition	0	0	0	2	1	1	5	2	3
Dairy science	98	46	52	19	9	10	2	2	0
Poultry science	94	57	37	24	11	13	9	3	6
Animal sciences, other	232	53	179	28	16	12	22	17	5
Food sciences and technology	607	185	422	288	110	178	132	66	66
Plant sciences, total	2,189	1,406	783	543	322	221	224	157	67
Plant sciences, general	393	257	136	80	46	34	41	24	17
Agronomy and crop science	626	486	140	233	150	83	105	75	30
Horticulture science	909	489	420	97	49	48	42	28	14
Plant breeding and genetics	0	0	0	7	7	0	4	3	1
Agricultural plant pathology	22	13	9	10	3	7	9	8	1
Plant protection (pest management)	39	23	16	14	8	6	3	2	1
Range science and management	110	75	35	48	26	22	9	7	2
Plant sciences, other	90	63	27	54	33	21	11	10	1
Soil sciences	78	47	31	80	43	37	49	32	17
Agriculture/agricultural sciences, other	300	164	136	91	45	46	14	10	4
Conservation and renewable natural resources, total	8,935	4,879	4,056	2,313	1,134	1,179	375	261	114
Natural resources conservation, general	5,407	2,565	2,842	1,269	558	711	139	88	51
Natural resources management and policy	522	286	236	199	102	97	4	4	0
Fishing and fisheries sciences and management	162	99	63	87	51	36	30	21	9
Forest harvesting and production technology/technician	174	127	47	19	15	4	22	19	3
Forestry, general	1,249	985	264	524	293	231	130	100	30
Wildlife and wildlands management	1,000	589	411	164	91	73	26	18	8
Conservation and renewable natural resources, other	421	228	193	51	24	27	24	11	13
Architecture and related programs, total	8,808	5,224	3,584	4,566	2,606	1,960	183	117	66
Architecture	5,155	3,322	1,833	2,473	1,568	905	60	35	25
City/urban, community, and regional planning	456	292	164	1,284	664	620	90	60	30
Architectural environmental design	837	502	335	54	17	37	8	7	1
Interior architecture	716	70	646	32	7	25	0	0	0
Landscape architecture	969	605	364	380	162	218	0	0	0
Architectural urban design and planning	0	0	0	131	78	53	4	1	3
Architecture and related programs, other	675	433	242	212	110	102	21	14	7
Area, ethnic, and cultural studies, total	6,557	2,042	4,515	1,578	610	968	216	107	109
Area studies, total	3,768	1,369	2,399	999	449	550	154	80	74
African studies	27	10	17	21	11	10	5	4	1
American studies/civilization	1,633	543	1,090	225	85	140	76	38	38
Latin American studies	402	112	290	198	75	123	7	1	6
Middle Eastern studies	65	26	39	86	48	38	25	13	12
Russian and Slavic studies	91	41	50	78	45	33	0	0	0
Asian studies	738	335	403	231	109	122	25	14	11
European studies	208	68	140	55	28	27	3	3	0
Area studies, other	604	234	370	105	48	57	13	7	6
Ethnic and cultural studies, total	2,001	426	1,575	333	77	256	43	15	28
Afro-American (Black) studies	668	228	440	70	19	51	22	9	13
Hispanic-American studies	234	79	155	38	18	20	2	2	0
Women's studies	729	13	716	105	2	103	7	0	7
Ethnic studies, other	370	106	264	120	38	82	12	4	8
Area, ethnic and cultural studies, other	788	247	541	246	84	162	19	12	7
Biological sciences/life sciences, total	60,256	23,612	36,644	6,205	2,616	3,589	4,489	2,500	1,989
Biology, general	42,281	15,968	26,313	2,424	1,026	1,398	689	392	297

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Biochemistry and biophysics	3,592	1,788	1,804	259	122	137	550	357	193
Botany, total	303	104	199	198	76	122	171	88	83
Botany, general	264	95	169	120	45	75	89	44	45
Plant pathology	3	0	3	63	24	39	52	27	25
Botany, other	36	9	27	15	7	8	30	17	13
Cell and molecular biology, total	2,449	1,080	1,369	292	114	178	604	339	265
Cell biology	304	132	172	42	17	25	167	92	75
Molecular biology	646	290	356	136	49	87	229	137	92
Cell and molecular biology, other	1,499	658	841	114	48	66	208	110	98
Microbiology/bacteriology	2,545	1,081	1,464	269	114	155	378	200	178
Miscellaneous biological specializations, total	4,109	1,515	2,594	1,712	633	1,079	1,212	627	585
Anatomy	108	59	49	118	50	68	63	32	31
Ecology	911	410	501	193	93	100	110	55	55
Marine/aquatic biology	771	251	520	118	57	61	51	33	18
Neurosciences	894	348	546	74	37	37	281	169	112
Nutritional sciences	417	62	355	398	50	348	100	25	75
Toxicology	40	11	29	67	30	37	88	44	44
Genetics, plant and animal	315	119	196	116	40	76	247	133	114
Biometrics	21	13	8	77	35	42	21	9	12
Miscellaneous specialized areas, other	632	242	390	551	241	310	251	127	124
Zoology, total	3,030	1,226	1,804	731	391	340	718	418	300
Zoology, general	2,377	967	1,410	174	98	76	143	90	53
Entomology	96	51	45	154	87	67	114	81	33
Pathology, human and animal	6	1	5	59	25	34	94	48	46
Pharmacology, human and animal	45	16	29	97	47	50	215	112	103
Physiology, human and animal	506	191	315	247	134	113	152	87	65
Zoology, other	0	0	0	0	0	0	0	0	0
Biological sciences/life sciences, other	1,947	850	1,097	320	140	180	167	79	88
Business management, administrative services and marketing operations/marketing and distribution, total	281,330	140,566	140,764	120,785	71,157	49,628	1,158	748	410
Business management and administrative services, total	276,443	138,847	137,596	120,278	70,928	49,350	1,155	747	408
Business, general	27,281	14,017	13,264	10,273	6,562	3,711	177	121	56
Business administration and management, total	105,159	52,102	53,057	74,985	45,819	29,166	581	384	197
Office supervision and management	626	188	438	60	17	43	0	0	0
Operations management and supervision	2,184	1,568	616	1,729	1,141	588	6	4	2
Business administration and management, other	102,349	50,346	52,003	73,196	44,661	28,535	575	380	195
Accounting	32,460	12,401	20,059	5,921	2,637	3,284	36	17	19
Secretarial and related programs	265	79	186	46	20	26	0	0	0
Business/managerial economics	3,493	2,134	1,359	199	114	85	41	32	9
Small business management and ownership	820	435	385	621	286	335	0	0	0
Finance, general and banking and financial support services	26,231	16,889	9,342	5,142	3,539	1,603	61	47	14
Actuarial sciences	248	140	108	53	27	26	0	0	0
Insurance and risk management	547	296	251	168	112	56	4	3	1
Investments and securities and financial planning	565	313	252	381	249	132	0	0	0
Hospitality services management	5,907	2,602	3,305	493	231	262	18	14	4
Human resources management	4,900	1,570	3,330	2,813	854	1,959	24	9	15
Labor/personnel relations and studies	880	429	451	591	191	400	16	9	7
Organizational behavior studies	2,164	832	1,332	2,259	815	1,444	76	38	38
International business	4,501	2,028	2,473	2,779	1,631	1,148	15	10	5
Business information systems, total	21,682	14,020	7,662	6,007	3,805	2,202	14	11	3
Management information systems and data processing, general	18,202	11,540	6,662	4,692	2,958	1,734	12	9	3
Business information systems, other	3,480	2,480	1,000	1,315	847	468	2	2	0
Quantitative methods and management science, total	4,117	2,380	1,737	1,388	806	582	14	8	6
Business statistics	23	14	9	17	7	10	4	1	3
Management science, other	4,094	2,366	1,728	1,371	799	572	10	7	3
Marketing management and research	28,916	13,225	15,691	1,603	694	909	45	25	20
Real estate	524	351	173	243	186	57	0	0	0
Taxation	0	0	0	1,246	654	592	0	0	0
Consumer and personal services	396	200	196	1	0	1	0	0	0
Business management and administrative services, other	5,387	2,404	2,983	3,066	1,696	1,370	33	19	14
Marketing operations/marketing and distribution, total	4,887	1,719	3,168	507	229	278	3	1	2
Apparel and accessories marketing operations	1,221	68	1,153	24	5	19	1	0	1
Business and personal services marketing operations	14	6	8	0	0	0	0	0	0
General/retailing and wholesaling operations and skills	2,432	1,069	1,363	304	135	169	2	1	1
Transportation and travel marketing	206	62	144	4	1	3	0	0	0
Marketing and distribution, other	1,014	514	500	175	88	87	0	0	0
Communications and communications technologies, total	63,901	23,613	40,288	6,059	2,201	3,858	383	168	215
Communications, total	62,791	22,914	39,877	5,510	1,906	3,604	374	168	206
Communications, general	31,029	10,967	20,062	2,128	713	1,415	237	101	136
Advertising	3,647	1,167	2,480	270	82	188	1	0	1
Journalism	10,329	3,303	7,026	1,377	411	966	28	17	11
Broadcast journalism	681	286	395	15	1	14	0	0	0

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001-02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Public relations and organizational communications	3,549	841	2,708	323	76	247	0	0	0
Radio and television broadcasting	5,943	3,268	2,675	287	126	161	8	4	4
Communications, other	7,613	3,082	4,531	1,110	497	613	100	46	54
Communications technologies, total	1,110	699	411	549	295	254	9	0	9
Photographic technology	15	5	10	0	0	0	0	0	0
Radio and television technology	546	290	256	312	149	163	9	0	9
Communications technologies, other	549	404	145	237	146	91	0	0	0
Computer and information sciences, total	47,299	34,248	13,051	16,113	10,753	5,360	750	579	171
Computer and information sciences, general	26,652	19,956	6,696	9,512	6,606	2,906	551	440	111
Computer programming	582	421	161	160	104	56	3	3	0
Data processing technology/technician	256	177	79	3	1	2	0	0	0
Information science and systems	9,920	6,356	3,564	3,180	1,920	1,260	60	31	29
Computer systems analysis	253	180	73	184	131	53	2	2	0
Computer and information sciences, other	9,636	7,158	2,478	3,074	1,991	1,083	134	103	31
Education, total	106,383	24,051	82,332	136,579	32,172	104,407	6,967	2,335	4,632
Education, general	2,572	444	2,128	20,030	4,560	15,470	1,201	374	827
Bilingual/bicultural education	93	8	85	1,470	480	990	17	4	13
Curriculum and instruction	0	0	0	12,522	2,525	9,997	829	199	630
Education administration and supervision, total	30	16	14	17,187	6,881	10,306	2,487	934	1,553
Education administration and supervision, general	5	3	2	12,124	4,865	7,259	1,798	689	1,109
Administration of special education	0	0	0	14	1	13	2	0	2
Adult and continuing education administration	14	11	3	181	54	127	82	39	43
Educational supervision	0	0	0	841	304	537	40	10	30
Elementary, middle, and secondary education administration	10	2	8	2,734	1,177	1,557	106	29	77
Higher education administration	0	0	0	491	159	332	241	88	153
Community and junior college education administration	0	0	0	30	8	22	0	0	0
Education administration and supervision, other	1	0	1	772	313	459	218	79	139
Educational/instructional media design	120	34	86	2,299	607	1,692	60	26	34
Educational evaluation and research, general	0	0	0	19	7	12	17	6	11
Educational statistics and research methods	0	0	0	30	9	21	27	9	18
Educational assessment, testing and measurement	0	0	0	37	2	35	19	6	13
Social and philosophical foundations of education	4	1	3	718	207	511	105	36	69
Special education, total	8,867	923	7,944	11,311	1,582	9,729	163	43	120
Special education, general	6,812	749	6,063	9,077	1,300	7,777	136	34	102
Education of the deaf and hearing impaired	242	15	227	208	36	172	4	2	2
Education of the gifted and talented	2	0	2	175	13	162	0	0	0
Education of the emotionally handicapped	201	35	166	191	42	149	4	0	4
Education of the mentally handicapped	293	27	266	84	6	78	0	0	0
Education of the multiple handicapped	60	3	57	258	25	233	2	2	0
Education of the physically handicapped	14	4	10	28	4	24	2	0	2
Education of the blind and visually handicapped	34	4	30	61	10	51	0	0	0
Education of the specific learning disabled	362	36	326	586	62	524	5	1	4
Education of the speech impaired	476	14	462	211	9	202	0	0	0
Special education, other	371	36	335	432	75	357	10	4	6
Counselor education/counseling and guidance services	30	5	25	12,256	2,331	9,925	334	101	233
General teacher education, total	60,520	7,477	53,043	28,373	5,321	23,052	286	90	196
Adult and continuing education	36	14	22	821	216	605	107	44	63
Elementary education	46,704	5,125	41,579	14,147	1,641	12,506	58	8	50
Junior high/intermediate/middle school education	1,643	346	1,297	896	234	662	2	2	0
Pre-elementary/early childhood/kindergarten education	7,289	301	6,988	2,008	95	1,913	27	4	23
Secondary education	3,841	1,572	2,269	5,299	1,939	3,360	42	12	30
Teacher education, general programs, other	1,007	119	888	5,202	1,196	4,006	50	20	30
Teacher education, academic and vocational programs	32,210	14,368	17,842	19,079	5,329	13,750	678	275	403
Agricultural education (vocational)	633	331	302	321	127	194	39	19	20
Art education	1,657	287	1,370	675	126	549	25	10	15
Business education (vocational)	656	201	455	298	106	192	4	2	2
Driver and safety education	1	1	0	9	6	3	0	0	0
English education	2,460	512	1,948	865	218	647	17	6	11
Foreign languages education	181	32	149	215	37	178	10	4	6
Health education	1,682	449	1,233	689	203	486	42	4	38
Home economics education (vocational)	330	14	316	87	3	84	3	0	3
Technology/industrial arts education	1,130	905	225	321	212	109	6	4	2
Marketing operations/marketing and distribution education	57	27	30	7	2	5	6	3	3
Mathematics education	1,442	469	973	867	306	561	47	17	30
Music education	3,317	1,275	2,042	796	285	511	79	37	42
Physical education and coaching	11,484	6,378	5,106	3,004	1,680	1,324	145	80	65
Reading education	158	16	142	5,556	297	5,259	53	10	43
Science education	1,092	422	670	802	273	529	35	14	21
Social science education	748	406	342	144	60	84	3	2	1
Social studies education	1,809	1,022	787	549	300	249	1	1	0
Technical education (vocational)	196	115	81	213	80	133	89	29	60
Trade and industrial education (vocational)	1,143	755	388	396	160	236	21	12	9
Teacher education, academic and vocational programs, other	2,034	751	1,283	3,265	848	2,417	53	21	32

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001-02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Teaching English as a second language/foreign language	88	15	73	1,532	309	1,223	17	6	11
Education, other	1,849	760	1,089	9,716	2,022	7,694	727	226	501
Engineering and engineering-related technologies, total	73,964	59,990	13,974	26,920	21,167	5,753	5,210	4,310	900
Engineering, total	59,481	47,171	12,310	26,015	20,512	5,503	5,195	4,299	896
Engineering, general	1,755	1,391	364	1,339	1,077	262	180	146	34
Aerospace, aeronautical, and astronautical engineering	1,747	1,435	312	682	557	125	193	174	19
Agricultural engineering	654	467	187	154	93	61	69	47	22
Architectural engineering	515	392	123	58	41	17	2	2	0
Bioengineering and biomedical engineering	1,476	817	659	674	417	257	216	154	62
Ceramic sciences and engineering	154	107	47	31	22	9	15	14	1
Chemical engineering	5,462	3,470	1,992	973	684	289	605	457	148
Civil engineering	7,665	5,851	1,814	3,295	2,464	831	574	474	100
Computer engineering	5,542	4,837	705	1,651	1,246	405	126	120	6
Electrical, electronics, and communications engineering	13,056	11,124	1,932	6,587	5,432	1,155	1,235	1,093	142
Engineering mechanics	131	104	27	121	103	18	41	36	5
Engineering physics	287	240	47	24	21	3	12	10	2
Engineering science	259	193	66	351	274	77	45	32	13
Environmental/environmental health engineering	452	248	204	568	363	205	93	65	28
Geological engineering	124	68	56	22	12	10	8	7	1
Geophysical engineering	20	8	12	4	3	1	0	0	0
Industrial/manufacturing engineering	3,516	2,338	1,178	2,049	1,544	505	232	170	62
Material engineering	508	345	163	461	337	124	263	211	52
Mechanical engineering	13,058	11,342	1,716	3,391	2,942	449	772	679	93
Metallurgical engineering	180	139	41	51	38	13	38	34	4
Mining and mineral engineering	113	94	19	49	41	8	8	8	0
Naval architecture and marine engineering	216	194	22	53	44	9	5	5	0
Nuclear engineering	145	120	25	123	98	25	60	49	11
Ocean engineering	104	74	30	75	63	12	19	16	3
Petroleum engineering	295	240	55	211	180	31	37	30	7
Systems engineering	490	375	115	565	458	107	46	38	8
Textile sciences and engineering	199	102	97	50	27	23	17	10	7
Engineering, other	1,358	1,056	302	2,403	1,931	472	284	218	66
Engineering-related technologies, total	14,483	12,819	1,664	905	655	250	15	11	4
Architectural engineering technologies	727	644	83	0	0	0	0	0	0
Civil technologies	395	360	35	0	0	0	0	0	0
Electrical and electronic technologies	3,974	3,610	364	7	7	0	0	0	0
Electromechanical instrumentation and maintenance technologies	371	326	45	2	0	2	3	1	2
Environmental control technologies	133	100	33	117	77	40	0	0	0
Industrial production technologies	3,385	2,858	527	257	199	58	4	4	0
Quality control and safety technologies	419	344	75	191	126	65	0	0	0
Mechanical and related technologies	1,565	1,425	140	0	0	0	0	0	0
Mining and petroleum technologies	10	9	1	0	0	0	0	0	0
Surveying	172	153	19	8	8	0	8	6	2
Mechanics and repairers	164	157	7	0	0	0	0	0	0
Construction trades	202	182	20	9	8	1	0	0	0
Engineering and related technologies, other	2,966	2,651	315	314	230	84	0	0	0
English language and literature/letters, total	53,162	16,704	36,458	7,268	2,326	4,942	1,446	600	846
English language and literature, general	38,280	11,514	26,766	4,449	1,421	3,028	1,033	429	604
Comparative literature	787	247	540	171	56	115	155	68	87
English composition	417	150	267	34	5	29	7	5	2
English creative writing	1,287	502	785	1,563	546	1,017	12	6	6
American literature (United States)	42	16	26	4	1	3	12	7	5
English literature (British and Commonwealth)	1,062	374	688	190	55	135	52	20	32
Speech and rhetorical studies	9,622	3,349	6,273	540	154	386	118	43	75
English technical and business writing	381	131	250	222	63	159	2	1	1
English language and literature/letters, other	1,284	421	863	95	25	70	55	21	34
Foreign languages and literatures, total	15,318	4,413	10,905	2,861	881	1,980	843	346	497
Foreign languages and literatures, total	1,888	493	1,395	705	199	506	189	75	114
Foreign languages and literatures, general	1,041	250	791	185	39	146	37	12	25
Linguistics	847	243	604	520	160	360	152	63	89
East and Southeast Asian languages and literatures, total	677	366	311	91	34	57	37	18	19
Chinese	189	91	98	16	3	13	12	8	4
Japanese	390	217	173	33	12	21	8	2	6
East and Southeast Asian languages, other	98	58	40	42	19	23	17	8	9
East European languages and literatures, total	307	150	157	89	31	58	43	20	23
Russian languages	277	137	140	34	9	25	5	1	4
Slavic languages (other than Russian)	25	12	13	49	19	30	35	18	17
East European languages, other	5	1	4	6	3	3	3	1	2

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Germanic languages and literatures, total	1,128	456	672	219	87	132	71	34	37
German	1,092	444	648	208	80	128	64	31	33
Scandinavian languages	25	7	18	4	3	1	6	3	3
Germanic languages, other	11	5	6	7	4	3	1	0	1
South Asian languages and literatures	8	2	6	4	4	0	5	1	4
Romance languages and literatures, total	10,034	2,398	7,636	1,312	343	969	384	135	249
French	2,396	480	1,916	356	92	264	89	31	58
Italian	263	60	203	46	14	32	15	4	11
Portuguese	31	18	13	10	2	8	2	1	1
Spanish	7,243	1,820	5,423	792	202	590	193	68	125
Romance languages, other	101	20	81	108	33	75	85	31	54
Middle Eastern languages and literatures, total	47	23	24	47	25	22	17	13	4
Arabic	13	6	7	2	0	2	2	2	0
Hebrew	17	7	10	12	9	3	5	5	0
Middle East languages, other	17	10	7	33	16	17	10	6	4
Classical and ancient Near East languages and literatures, total ...	999	458	541	182	103	79	56	32	24
Classics	855	393	462	166	94	72	55	32	23
Greek (ancient and medieval)	33	13	20	8	5	3	1	0	1
Latin (ancient and medieval)	111	52	59	8	4	4	0	0	0
Foreign languages, other	230	67	163	212	55	157	41	18	23
Health professions and related sciences, total	70,517	10,257	60,260	43,644	9,797	33,847	3,523	1,293	2,230
Communication disorders sciences and services	5,644	249	5,395	5,644	261	5,383	509	146	363
Community health liaison	1,032	210	822	184	34	150	3	0	3
Dentistry	0	0	0	438	300	138	38	20	18
Dental services	1,129	48	1,081	32	12	20	0	0	0
Epidemiology	0	0	0	547	168	379	128	46	82
Health services administration, total	3,569	759	2,810	3,892	1,227	2,665	76	36	40
Health services administration	1,966	428	1,538	2,686	798	1,888	52	26	26
Medical records administration	486	52	434	24	11	13	0	0	0
Medical records technology/technician	0	0	0	3	3	0	0	0	0
Health and medical administrative services, other	1,117	279	838	1,179	415	764	24	10	14
Health and medical assistants, total	2,356	833	1,523	2,154	785	1,369	0	0	0
Medical assistant	1	0	1	0	0	0	0	0	0
Physician assistant	2,094	790	1,304	2,116	771	1,345	0	0	0
Health and medical assistants, other	261	43	218	38	14	24	0	0	0
Health and medical diagnostic and treatment services, total	1,930	555	1,375	62	38	24	8	5	3
Respiratory therapy technology/technician	427	130	297	0	0	0	0	0	0
Health and medical diagnostic and treatment services, other	1,503	425	1,078	62	38	24	8	5	3
Medical laboratory technologies, total	1,710	385	1,325	499	166	333	102	38	64
Medical technology	1,452	319	1,133	80	21	59	1	1	0
Health and medical laboratory technologies/technicians, other ...	258	66	192	419	145	274	101	37	64
Pre-dentistry studies	48	28	20	0	0	0	0	0	0
Pre-medicine studies	508	243	265	0	0	0	0	0	0
Pre-pharmacy studies	85	29	56	0	0	0	0	0	0
Pre-veterinary studies	218	43	175	0	0	0	0	0	0
Medical basic sciences	441	126	315	570	270	300	544	285	259
Mental health services, total	614	86	528	657	119	538	14	6	8
Alcohol/drug abuse counseling	77	22	55	70	10	60	0	0	0
Psychiatric/mental health services technician	104	7	97	36	10	26	0	0	0
Clinical and medical social work	123	20	103	126	25	101	8	3	5
Mental health services, other	310	37	273	425	74	351	6	3	3
Nursing	37,127	3,388	33,739	11,276	1,291	9,985	471	27	444
Optometry	30	11	19	56	32	24	2	1	1
Pharmacy	1,768	661	1,107	355	143	212	244	148	96
Rehabilitation/therapeutic services, total	6,174	1,027	5,147	9,179	2,209	6,970	787	243	544
Art therapy	87	2	85	228	12	216	0	0	0
Dance therapy	4	0	4	24	1	23	0	0	0
Music therapy	235	19	216	58	5	53	0	0	0
Occupational therapy	3,062	345	2,717	2,046	238	1,808	26	3	23
Orthotics/prosthetics	22	14	8	0	0	0	0	0	0
Physical therapy	1,517	418	1,099	5,782	1,712	4,070	733	232	501
Recreational therapy	245	21	224	7	0	7	0	0	0
Vocational rehabilitation counseling	126	21	105	549	130	419	5	3	2
Rehabilitative services, other	876	187	689	485	111	374	23	5	18
Veterinary medicine	4	0	4	157	61	96	116	70	46
Miscellaneous health professions	589	185	404	2,423	985	1,438	53	31	22
Health professions and related sciences, other	5,541	1,391	4,150	5,519	1,696	3,823	428	191	237
Home economics and vocational home economics, total	18,153	2,182	15,971	2,616	390	2,226	355	108	247
Home economics, total	17,679	1,984	15,695	2,608	389	2,219	355	108	247
Home economics, general	2,858	263	2,595	340	37	303	62	19	43
Home economics business services	47	6	41	0	0	0	0	0	0
Family and community studies	490	49	441	88	17	71	1	1	0
Family and consumer resource management	1,597	488	1,109	73	17	56	14	5	9

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001-02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Food and nutrition studies	3,364	379	2,985	626	62	564	56	16	40
Housing studies	398	70	328	10	4	6	8	1	7
Individual and family development studies	6,838	556	6,282	1,383	241	1,142	190	61	129
Clothing/apparel and textile studies	1,888	150	1,738	75	10	65	16	3	13
Home economics, other	199	23	176	13	1	12	8	2	6
Vocational home economics, total	474	198	276	8	1	7	0	0	0
Child care and guidance management	78	1	77	1	0	1	0	0	0
Vocational home economics, other	396	197	199	7	1	6	0	0	0
Law and legal studies, total	1,971	588	1,383	4,053	2,360	1,693	79	48	31
Pre-law studies	160	72	88	0	0	0	0	0	0
Paralegal/legal assistant	931	147	784	41	11	30	0	0	0
Law and legal studies, other	880	369	511	4,012	2,349	1,663	79	48	31
Liberal arts and sciences, general studies, and humanities, total	39,333	12,902	26,431	2,754	1,030	1,724	113	40	73
Liberal arts and sciences/liberal studies	24,091	6,820	17,271	1,543	596	947	12	4	8
Humanities/humanistic studies	3,127	920	2,207	715	268	447	76	23	53
Liberal arts and sciences, general studies, other	12,115	5,162	6,953	496	166	330	25	13	12
Library science, total	74	18	56	5,113	932	4,181	45	17	28
Library science/librarianship	57	7	50	4,864	883	3,981	40	16	24
Library science, other	17	11	6	249	49	200	5	1	4
Mathematics, total	12,395	6,608	5,787	3,487	2,009	1,478	958	680	278
Mathematics	10,495	5,489	5,006	1,932	1,118	814	618	456	162
Applied mathematics, total	1,249	753	496	472	312	160	148	101	47
Applied mathematics, general and other	804	478	326	335	216	119	113	79	34
Operations research (quantitative methods)	445	275	170	137	96	41	35	22	13
Mathematical statistics	388	209	179	918	478	440	178	112	66
Mathematics, other	263	157	106	165	101	64	14	11	3
Multi/interdisciplinary studies, total	27,629	8,948	18,681	3,211	1,237	1,974	384	209	175
Biological and physical sciences	2,239	899	1,340	307	113	194	17	11	6
Systems science and theory	91	58	33	94	35	59	15	13	2
Museology/museum studies	18	1	17	145	22	123	0	0	0
Multi/interdisciplinary studies, other	25,281	7,990	17,291	2,665	1,067	1,598	352	185	167
Parks, recreation, leisure, and fitness studies, total	20,554	9,919	10,635	2,754	1,358	1,396	151	86	65
Parks, recreation and leisure studies	2,462	1,092	1,370	218	103	115	17	9	8
Parks, recreation and leisure facilities management	2,765	1,241	1,524	219	94	125	15	11	4
Health and physical education/fitness	15,198	7,507	7,691	2,294	1,152	1,142	109	61	48
Parks, recreation, leisure and fitness studies, other	129	79	50	23	9	14	10	5	5
Philosophy and religion, total	9,306	5,688	3,618	1,334	830	504	606	437	169
Philosophy	5,363	3,595	1,768	626	455	171	313	239	74
Religion/religious studies	3,527	1,838	1,689	547	293	254	274	183	91
Philosophy and religion, other	416	255	161	161	82	79	19	15	4
Physical sciences and science technologies, total	17,851	10,314	7,537	5,034	3,142	1,892	3,803	2,740	1,063
Physical sciences, total	17,650	10,195	7,455	5,009	3,125	1,884	3,800	2,737	1,063
Physical sciences, general	305	164	141	37	25	12	3	3	0
Astronomy	145	84	61	84	60	24	61	50	11
Astrophysics	131	76	55	28	25	3	9	6	3
Atmospheric science and meteorology	525	374	151	141	95	46	68	47	21
Chemistry, total	9,136	4,622	4,514	1,845	1,004	841	2,027	1,339	688
Chemistry, general	8,895	4,490	4,405	1,749	955	794	1,885	1,256	629
Analytical chemistry	0	0	0	17	9	8	7	5	2
Inorganic chemistry	0	0	0	1	1	0	2	0	2
Organic chemistry	8	6	2	11	7	4	9	6	3
Medicinal/pharmaceutical chemistry	52	22	30	22	7	15	43	21	22
Chemistry, other	181	104	77	45	25	20	81	51	30
Geological and related sciences, total	2,721	1,503	1,218	1,001	603	398	351	251	100
Geology	2,438	1,359	1,079	844	501	343	245	180	65
Geochemistry	3	1	2	5	2	3	3	2	1
Geophysics and seismology	67	38	29	62	44	18	68	47	21
Geological and related sciences, other	213	105	108	90	56	34	35	22	13
Miscellaneous physical sciences, total	774	424	350	366	168	198	155	95	60
Metallurgy	0	0	0	11	8	3	1	1	0
Oceanography	225	120	105	114	61	53	90	54	36
Earth and planetary sciences	503	281	222	148	74	74	53	33	20
Miscellaneous physical sciences, other	46	23	23	93	25	68	11	7	4
Physics, total	3,627	2,806	821	1,344	1,063	281	1,096	926	170
Physics, general	3,508	2,710	798	1,237	973	264	1,014	859	155

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Physics, other	119	96	23	107	90	17	82	67	15
Physical sciences, other	286	142	144	163	82	81	30	20	10
Science technologies, total	201	119	82	25	17	8	3	3	0
Precision production trades, total	468	324	144	2	1	1	0	0	0
Drafting, general	94	76	18	0	0	0	0	0	0
Precision production trades, other	374	248	126	2	1	1	0	0	0
Protective services, total	25,536	13,727	11,809	2,935	1,613	1,322	49	23	26
Criminal justice and corrections, total	25,200	13,415	11,785	2,891	1,574	1,317	48	23	25
Corrections/correctional administration	602	261	341	16	12	4	0	0	0
Criminal justice/law enforcement administration	7,485	4,034	3,451	1,391	841	550	3	2	1
Criminal justice studies	14,840	7,811	7,029	1,195	616	579	39	19	20
Forensic studies	152	37	115	186	58	128	0	0	0
Law enforcement/police science	1,345	882	463	73	32	41	0	0	0
Criminal justice, other	776	390	386	30	15	15	6	2	4
Fire control and safety	326	304	22	35	31	4	1	0	1
Protective services, other	10	8	2	9	8	1	0	0	0
Psychology, total	76,671	17,275	59,396	14,888	3,517	11,371	4,341	1,379	2,962
Psychology, general	71,091	16,010	55,081	4,332	1,160	3,172	1,396	504	892
Clinical psychology	121	18	103	1,594	379	1,215	1,902	574	1,328
Counseling psychology	356	81	275	5,208	1,041	4,167	349	100	249
Developmental and child psychology	921	102	819	150	22	128	73	14	59
Experimental psychology	321	68	253	50	21	29	55	21	34
Industrial and organizational psychology	212	47	165	1,080	355	725	71	33	38
Physiological psychology/psychobiology	237	64	173	7	2	5	29	11	18
Social psychology	736	166	570	190	26	164	43	13	30
School psychology	0	0	0	851	126	725	215	45	170
Psychology, other	2,676	719	1,957	1,426	385	1,041	208	64	144
Public administration and services, total	19,392	3,706	15,686	25,448	6,505	18,943	571	250	321
Public administration	2,318	1,140	1,178	7,411	3,406	4,005	189	113	76
Community organization, resources and services	2,103	458	1,645	650	197	453	7	2	5
Public policy analysis	704	289	415	988	456	532	119	55	64
Social work	13,713	1,645	12,068	15,679	2,169	13,510	248	74	174
Public affairs, other	554	174	380	720	277	443	8	6	2
R.O.T.C. and military technologies, total	3	3	0	0	0	0	0	0	0
Social sciences and history, total	132,874	64,170	68,704	14,112	6,941	7,171	3,902	2,219	1,683
Social sciences, general	7,916	3,038	4,878	562	243	319	63	36	27
Anthropology	7,018	2,220	4,798	990	362	628	492	202	290
Archeology	160	47	113	27	13	14	16	7	9
Criminology	3,181	1,609	1,572	230	107	123	15	9	6
Demography and population studies	1	0	1	26	8	18	13	5	8
Economics	20,927	13,818	7,109	2,330	1,409	921	826	594	232
Geography, total	4,002	2,534	1,468	759	457	302	205	138	67
Geography	3,925	2,472	1,453	743	447	296	205	138	67
Cartography	77	62	15	16	10	6	0	0	0
History	26,001	15,259	10,742	2,420	1,336	1,084	924	561	363
International relations and affairs	5,482	1,991	3,491	2,353	1,132	1,221	51	30	21
Political science and government, general	29,354	15,158	14,196	1,641	919	722	625	369	256
Sociology	25,202	7,271	17,931	1,928	632	1,296	534	210	324
Urban affairs/studies	670	266	404	239	83	156	37	22	15
Social sciences and history, other	2,960	959	2,001	607	240	367	101	36	65
Theological studies/religious vocations, total	7,785	5,293	2,492	4,952	3,064	1,888	1,355	1,104	251
Biblical and other theological languages and literatures	23	15	8	43	21	22	5	4	1
Bible/biblical studies	2,584	1,723	861	382	282	100	22	20	2
Missions/missionary studies and misology	319	133	186	241	136	105	49	39	10
Religious education	952	459	493	443	234	209	32	20	12
Religious/sacred music	143	83	60	41	19	22	0	0	0
Theology/theological studies	2,821	2,289	532	2,893	1,973	920	961	802	159
Pastoral counseling and specialized ministries	435	284	151	624	219	405	164	136	28
Theological studies and religious vocations, other	508	307	201	285	180	105	122	83	39
Transportation and material moving workers, total	4,020	3,555	465	709	633	76	0	0	0
Air transportation workers	3,777	3,343	434	705	631	74	0	0	0
Water transportation workers	227	203	24	0	0	0	0	0	0
Transportation and material moving, other	16	9	7	4	2	2	0	0	0
Visual and performing arts, total	66,773	27,130	39,643	11,595	4,912	6,683	1,114	490	624

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Visual and performing arts, general	1,864	760	1,104	101	22	79	1	0	1
Crafts, folk art, and artisanry	142	48	94	1	1	0	0	0	0
Dance	1,404	93	1,311	235	31	204	8	0	8
Design and applied art	12,190	4,989	7,201	1,015	422	593	3	3	0
Dramatic/theater arts and stagecraft	8,425	3,253	5,172	1,390	613	777	88	35	53
Film/video and photographic arts, total	5,325	3,071	2,254	865	477	388	18	11	7
Film-video making/cinematography and production	1,944	1,297	647	534	318	216	11	8	3
Photography	1,252	420	832	167	73	94	0	0	0
Film arts, other	2,129	1,354	775	164	86	78	7	3	4
Fine arts and art studies, total	25,060	8,737	16,323	3,408	1,248	2,160	207	54	153
Art, general	13,241	4,755	8,486	867	369	498	16	5	11
Art history, criticism and conservation	2,521	416	2,105	558	92	466	186	47	139
Arts management	294	74	220	177	27	150	0	0	0
Painting	679	307	372	197	104	93	0	0	0
Ceramic arts and ceramics	200	67	133	57	23	34	0	0	0
Fiber, textile and weaving arts	116	6	110	34	2	32	0	0	0
Metal and jewelry arts	86	19	67	33	13	20	0	0	0
Fine arts and art studies, other	7,923	3,093	4,830	1,485	618	867	5	2	3
Music, total	11,636	5,835	5,801	4,092	1,910	2,182	763	383	380
Music, general	5,959	2,834	3,125	1,399	653	746	349	177	172
Music history and literature	101	51	50	60	22	38	14	8	6
Music, general performance	3,531	1,709	1,822	1,890	850	1,040	243	119	124
Music theory and composition	404	306	98	185	126	59	75	46	29
Music, other	1,641	935	706	558	259	299	82	33	49
Visual and performing arts, other	727	344	383	488	188	300	26	4	22
Not classified by field of study	264	103	161	24	15	9	0	0	0

NOTE: Aggregations by field of study were derived from the Classification of Instructional Programs developed by the National Center for Education Statistics.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 256. Degrees conferred by degree-granting institutions, by control of institution and level of degree: Selected years, 1969–70 to 2001–02

Year	Public institutions					Private institutions				
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees ¹	First-professional degrees ²	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees ¹	First-professional degrees ²
1	2	3	4	5	6	7	8	9	10	11
1969–70	170,966	519,550	134,545	19,183	14,542	35,057	272,766	73,746	10,683	20,376
1970–71	215,645	557,996	151,603	20,788	16,139	36,666	281,734	78,906	11,319	21,807
1975–76	345,006	635,161	206,298	21,751	25,766	46,448	290,585	105,473	12,313	36,883
1979–80	344,536	624,084	187,499	20,608	27,942	56,374	305,333	110,582	12,007	42,189
1980–81	352,391	626,452	184,384	20,895	29,128	63,986	308,688	111,355	12,063	42,828
1981–82	³ 366,732	636,475	182,295	20,889	29,611	³ 67,794	316,523	113,251	11,818	42,421
1982–83	377,817	646,317	176,246	21,186	29,757	71,803	323,193	113,675	11,589	43,297
1983–84	³ 379,249	646,013	170,693	21,141	29,586	³ 72,991	328,296	113,570	12,068	44,882
1984–85	377,625	652,246	170,000	21,337	30,152	77,087	327,231	116,251	11,606	44,911
1985–86	369,052	658,586	169,903	21,433	29,568	76,995	329,237	118,664	12,220	44,342
1986–87	358,811	659,260	167,797	21,870	29,346	77,493	332,004	121,552	12,171	42,271
1987–88	354,180	658,491	173,778	22,488	29,153	80,905	336,338	125,539	12,382	41,582
1988–89	357,001	675,675	179,109	22,970	28,993	79,763	343,080	131,512	12,750	41,863
1989–90	375,635	700,015	186,104	24,641	28,810	79,467	351,329	138,197	13,730	42,178
1990–91	398,055	724,062	193,057	25,681	29,554	83,665	370,476	144,111	13,613	42,394
1991–92	420,265	759,475	203,398	26,820	29,366	83,966	377,078	149,440	13,839	44,780
1992–93	430,321	785,112	213,843	27,392	29,628	84,435	380,066	155,742	14,740	45,759
1993–94	444,373	789,148	221,428	28,524	29,842	86,259	380,127	165,642	14,661	45,576
1994–95	451,539	776,670	224,152	28,917	29,871	88,152	383,464	173,477	15,529	45,929
1995–96	454,291	774,070	227,179	29,516	29,882	100,925	390,722	179,122	15,136	46,852
1996–97	465,494	776,677	233,237	29,838	31,243	105,732	396,202	186,164	16,038	47,487
1997–98	455,084	784,296	235,922	29,715	31,233	103,471	400,110	194,242	16,295	47,365
1998–99 ⁴	448,334	790,287	238,501	28,134	31,693	111,620	410,016	201,485	15,943	46,746
1999–2000	448,446	810,855	243,157	28,408	32,247	116,487	427,020	213,899	16,400	47,810
2000–01	456,487	812,438	246,054	28,187	32,633	122,378	431,733	222,422	16,717	47,074
2001–02	471,660	841,512	249,828	27,622	33,439	123,473	450,388	232,290	16,538	47,259

¹ Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and law degrees.
² Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training).
³ Data are approximations.
⁴ Data were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1986–87 through 1998–99, and fall 2000 through fall 2002. (This table was prepared August 2003.)

Table 257. Degrees conferred by degree-granting institutions, by control of institution, level of degree, and discipline division: 2001–02

Discipline division	Public institutions				Private institutions			
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees ¹	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees ¹
1	2	3	4	5	6	7	8	9
Total	471,660	841,512	249,828	27,622	123,473	450,388	232,290	16,538
Agriculture and natural resources ²	6,135	21,051	3,918	1,146	359	2,302	601	20
Architecture and related programs	353	6,770	2,944	123	90	2,038	1,622	60
Area, ethnic, and cultural studies	85	3,791	807	120	234	2,766	771	96
Biological sciences/life sciences	1,400	39,633	4,123	3,059	117	20,623	2,082	1,430
Business ³	72,727	164,170	46,580	676	36,184	117,160	74,205	482
Communications	1,695	43,857	2,681	293	1,124	18,934	2,829	81
Communications technologies	1,516	528	110	0	505	582	439	9
Computer and information sciences	14,381	25,873	7,936	448	16,584	21,426	8,177	302
Construction trades	2,216	73	0	0	423	129	9	0
Education	7,927	76,042	75,485	4,798	1,340	30,341	61,094	2,169
Engineering	1,508	44,738	17,632	3,730	216	14,743	8,383	1,465
Engineering-related technologies	17,280	10,367	784	14	15,615	3,750	112	1
English language and literature/letters	813	36,435	5,221	1,066	51	16,727	2,047	380
Foreign languages and literatures	431	10,147	2,080	557	86	5,171	781	286
Health professions and related sciences	65,791	46,272	23,224	2,049	14,097	24,245	20,420	1,474
Home economics and vocational home economics	9,004	15,558	1,569	255	476	2,595	1,047	100
Law and legal studies	3,862	1,106	854	10	2,963	865	3,199	69
Liberal arts and sciences, general studies, and humanities	198,924	27,626	1,112	33	8,239	11,707	1,642	80
Library science	94	73	4,139	43	2	1	974	2
Mathematics	668	8,002	2,659	682	17	4,393	828	276
Mechanics and repairers	7,697	74	0	0	4,389	90	0	0
Multi/interdisciplinary studies	12,972	20,282	1,835	210	232	7,347	1,376	174
Parks, recreation, leisure, and fitness studies	657	15,127	2,189	138	173	5,427	565	13
Philosophy and religion	89	3,842	438	212	45	5,464	896	394
Physical sciences and science technologies	2,224	11,678	3,684	2,693	84	6,173	1,350	1,110
Precision production trades	6,968	356	0	0	3,850	112	2	0
Protective services	15,258	19,037	1,580	46	1,431	6,499	1,355	3
Psychology	1,526	51,095	5,881	1,742	179	25,576	9,007	2,599
Public administration and services	3,007	13,254	15,784	311	316	6,138	9,664	260
R.O.T.C. and military technologies	62	3	0	0	0	0	0	0
Social sciences and history	5,334	86,454	8,773	2,457	259	46,420	5,339	1,445
Theological studies/religious vocations	0	0	0	0	414	7,785	4,952	1,355
Transportation and material moving workers	741	1,649	74	0	418	2,371	635	0
Visual and performing arts	8,262	36,549	5,732	711	12,649	30,224	5,863	403
Not classified by field of study	53	0	0	0	312	264	24	0

¹ Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and law degrees.
² Includes "Agricultural business and production," "Agricultural sciences," and "Conservation and renewable natural resources."

³ Includes "Business management and administrative services," "Marketing operations/marketing and distribution," and "Consumer and personal services."

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 258. Number of degree-granting institutions conferring degrees, by control, level of degree, and discipline division: 2001-02

Discipline division	Total number of institutions awarding degrees				Number of public institutions awarding degrees				Number of private institutions awarding degrees			
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	2,581	2,035	1,514	539	1,308	590	503	235	1,273	1,445	1,011	304
Agricultural business and production ..	350	124	58	31	336	95	56	31	14	29	2	0
Agricultural sciences	97	131	79	50	93	115	75	50	4	16	4	0
Architecture and related programs	43	175	127	29	37	110	89	21	6	65	38	8
Area, ethnic, and cultural studies	40	406	124	40	33	193	75	22	7	213	49	18
Biological sciences/life sciences	192	1,274	436	220	175	486	311	149	17	788	125	71
Business management and administrative services	1,787	1,530	898	129	1,166	531	379	84	621	999	519	45
Communications	226	979	247	54	179	393	169	43	47	586	78	11
Communications technologies	195	47	15	2	173	19	3	0	22	28	12	2
Computer and information sciences	1,092	1,224	390	120	636	466	240	78	456	758	150	42
Conservation and renewable natural resources	149	425	147	54	137	193	112	49	12	232	35	5
Consumer and personal services	308	21	1	0	236	9	0	0	72	12	1	0
Construction trades	219	12	1	0	206	6	0	0	13	6	1	0
Education	441	1,154	965	258	361	429	439	169	80	725	526	89
Engineering	259	417	284	183	236	234	187	134	23	183	97	49
Engineering-related technologies	1,051	307	72	4	812	211	61	3	239	96	11	1
English language and literature/letters	137	1,265	448	143	128	490	311	98	9	775	137	45
Foreign languages and literatures	77	869	198	90	74	389	148	59	3	480	50	31
Health professions and related sciences	1,442	1,020	703	179	1,020	444	339	116	422	576	364	63
Home economics	105	317	183	45	85	209	121	35	20	108	62	10
Law and legal studies	540	167	89	19	340	51	35	4	200	116	54	15
Liberal arts and sciences, general studies, and humanities	1,341	821	178	17	1,044	342	94	6	297	479	84	11
Library science	26	11	75	15	25	10	59	14	1	1	16	1
Marketing operations/marketing and distribution	367	149	19	2	302	55	4	1	65	94	15	1
Mathematics	143	1,125	323	149	137	471	245	105	6	654	78	44
Mechanics and repairers	619	9	0	0	564	5	0	0	55	4	0	0
Multi/interdisciplinary studies	253	678	239	66	234	274	151	41	19	404	88	25
Parks, recreation, leisure, and fitness studies	149	665	176	37	133	288	139	34	16	377	37	3
Philosophy and religion	33	871	188	98	19	294	85	50	14	577	103	48
Physical sciences	158	1,049	339	205	148	466	246	138	10	583	93	67
Precision production trades	734	37	1	0	595	25	0	0	139	12	1	0
Protective services	877	548	156	14	771	276	108	11	106	272	48	3
Psychology	176	1,295	607	266	148	483	316	134	28	812	291	132
Public administration and services	279	675	383	91	249	304	255	58	30	371	128	33
R.O.T.C. and military technologies	2	1	0	0	2	1	0	0	0	0	0	0
Science technologies	129	21	6	1	120	13	5	1	9	8	1	0
Social sciences and history	244	1,298	422	180	211	495	296	119	33	803	126	61
Theological studies/religious vocations	74	369	272	107	0	0	0	0	74	369	272	107
Transportation and material moving workers	106	69	8	0	90	37	3	0	16	32	5	0
Visual and performing arts	656	1,283	387	101	472	459	241	67	184	824	146	34
Vocational home economics	626	25	3	0	603	12	2	0	23	13	1	0
Not classified by field of study	8	17	3	0	5	0	0	0	3	17	3	0

NOTE: Doctor's degrees include Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and law degrees. Data represent programs, not organizational units within institutions. Details in each column do not sum to totals, because each institution can be counted in more than one row.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 259. First-professional degrees conferred by degree-granting institutions in dentistry, medicine, and law, by number of institutions conferring degrees and sex of student: Selected years, 1949–50 to 2001–02

Year	Dentistry (D.D.S. or D.M.D.)				Medicine (M.D.)				Law (LL.B. or J.D.)			
	Number of institutions conferring degrees	Degrees conferred			Number of institutions conferring degrees	Degrees conferred			Number of institutions conferring degrees	Degrees conferred		
		Total	Men	Women		Total	Men	Women		Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
1949–50	40	2,579	2,561	18	72	5,612	5,028	584	—	—	—	—
1951–52	41	2,918	2,895	23	72	6,201	5,871	330	—	—	—	—
1953–54	42	3,102	3,063	39	73	6,712	6,377	335	—	—	—	—
1955–56	42	3,009	2,975	34	73	6,810	6,464	346	131	8,262	7,974	288
1957–58	43	3,065	3,031	34	75	6,816	6,469	347	131	9,394	9,122	272
1959–60	45	3,247	3,221	26	79	7,032	6,645	387	134	9,240	9,010	230
1961–62	46	3,183	3,166	17	81	7,138	6,749	389	134	9,364	9,091	273
1963–64	46	3,180	3,168	12	82	7,303	6,878	425	133	10,679	10,372	307
1965–66	47	3,178	3,146	32	84	7,673	7,170	503	136	13,246	12,776	470
1967–68	48	3,422	3,375	47	85	7,944	7,318	626	138	16,454	15,805	649
1969–70	48	3,718	3,684	34	86	8,314	7,615	699	145	14,916	14,115	801
1970–71	48	3,745	3,703	42	89	8,919	8,110	809	147	17,421	16,181	1,240
1971–72	48	3,862	3,819	43	92	9,253	8,423	830	147	21,764	20,266	1,498
1972–73	51	4,047	3,992	55	97	10,307	9,388	919	152	27,205	25,037	2,168
1973–74	52	4,440	4,355	85	99	11,356	10,093	1,263	151	29,326	25,986	3,340
1974–75	52	4,773	4,627	146	104	12,447	10,818	1,629	154	29,296	24,881	4,415
1975–76	56	5,425	5,187	238	107	13,426	11,252	2,174	166	32,293	26,085	6,208
1976–77	57	5,138	4,764	374	109	13,461	10,891	2,570	169	34,104	26,447	7,657
1977–78	57	5,189	4,623	566	109	14,279	11,210	3,069	169	34,402	25,457	8,945
1978–79	58	5,434	4,794	640	109	14,786	11,381	3,405	175	35,206	25,180	10,026
1979–80	58	5,258	4,558	700	112	14,902	11,416	3,486	179	35,647	24,893	10,754
1980–81	58	5,460	4,672	788	116	15,505	11,672	3,833	176	36,331	24,563	11,768
1981–82	59	5,282	4,467	815	119	15,814	11,867	3,947	180	35,991	23,965	12,026
1982–83	59	5,585	4,631	954	118	15,484	11,350	4,134	177	36,853	23,550	13,303
1983–84	60	5,353	4,302	1,051	119	15,813	11,359	4,454	179	37,012	23,382	13,630
1984–85	59	5,339	4,233	1,106	120	16,041	11,167	4,874	181	37,491	23,070	14,421
1985–86	59	5,046	3,907	1,139	120	15,938	11,022	4,916	181	35,844	21,874	13,970
1986–87	58	4,741	3,603	1,138	121	15,428	10,431	4,997	179	36,056	21,561	14,495
1987–88	57	4,477	3,300	1,177	122	15,358	10,278	5,080	180	35,397	21,067	14,330
1988–89	58	4,265	3,124	1,141	124	15,460	10,310	5,150	182	35,634	21,069	14,565
1989–90	57	4,100	2,834	1,266	124	15,075	9,923	5,152	182	36,485	21,079	15,406
1990–91	55	3,699	2,510	1,189	121	15,043	9,629	5,414	179	37,945	21,643	16,302
1991–92	52	3,593	2,431	1,162	120	15,243	9,796	5,447	177	38,848	22,260	16,588
1992–93	55	3,605	2,383	1,222	122	15,531	9,679	5,852	184	40,302	23,182	17,120
1993–94	53	3,787	2,330	1,457	121	15,368	9,544	5,824	185	40,044	22,826	17,218
1994–95	53	3,897	2,480	1,417	119	15,537	9,507	6,030	183	39,349	22,592	16,757
1995–96	53	3,697	2,374	1,323	119	15,341	9,061	6,280	183	39,828	22,508	17,320
1996–97	52	3,784	2,387	1,397	118	15,571	9,121	6,450	184	40,079	22,548	17,531
1997–98	53	4,032	2,490	1,542	117	15,424	9,006	6,418	185	39,331	21,876	17,455
1998–99	53	4,144	2,674	1,470	118	15,562	8,954	6,608	188	39,167	21,628	17,539
1999–2000	54	4,250	2,547	1,703	118	15,286	8,761	6,525	190	38,152	20,638	17,514
2000–01	54	4,391	2,696	1,695	118	15,403	8,728	6,675	192	37,904	19,981	17,923
2001–02	53	4,239	2,608	1,631	118	15,237	8,469	6,768	192	38,981	20,254	18,727

—Not available.

NOTE: Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*; Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 260. First-professional degrees conferred by degree-granting institutions, by sex of student, control of institution, and field of study: Selected years, 1985-86 to 2001-02

Control of institution and field of study	1985-86		1990-91		1991-92		1992-93		1993-94		1994-95		1995-96		1996-97		1997-98		1998-99		1999-2000		2000-01		2001-02						
	Total	Sex	Total	Sex	Total	Sex	Total	Sex	Total	Sex	Total	Sex	Total	Sex	Total	Sex	Total	Sex	Total	Sex	Total	Sex	Total	Sex	Total	Sex					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18														
Total, all institutions	73,910	71,948	74,146	75,387	75,418	75,800	76,734	78,730	78,598	78,439	80,057	79,707	42,862	36,845	80,698	42,507	38,191														
Dentistry (D.D.S. or D.M.D.)	5,046	3,699	3,593	3,605	3,787	3,897	3,697	3,784	4,032	4,144	4,250	4,391	2,696	1,695	4,239	2,608	1,631														
Medicine (M.D.)	15,938	15,043	15,243	15,531	15,368	15,537	15,341	15,571	15,424	15,562	15,286	15,403	8,728	6,675	15,237	8,469	6,768														
Optometry (O.D.)	1,029	1,115	1,232	1,148	1,103	1,185	1,231	1,264	1,293	1,285	1,293	1,289	586	703	1,280	565	715														
Osteopathic medicine (D.O.)	1,547	1,459	1,326	1,627	1,798	1,854	1,895	2,011	2,110	2,135	2,236	2,450	1,496	954	2,416	1,415	1,001														
Pharmacy (Pharm.D.)	903	1,244	1,339	1,904	1,936	2,264	2,555	2,708	3,660	3,992	5,669	6,324	2,141	4,183	7,076	4,428	4,648														
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	612	589	504	476	465	545	650	614	594	578	569	528	334	194	474	315	159														
Veterinary medicine (D.V.M.)	2,270	2,032	2,044	2,057	2,089	2,148	2,109	2,188	2,193	2,226	2,251	2,248	679	1,569	2,289	652	1,637														
Chiropractic (D.C. or D.C.M.)	3,395	2,640	2,694	2,799	2,806	2,968	3,379	3,654	3,735	3,639	3,809	3,796	2,657	1,139	3,284	2,248	1,036														
Law (LL.B. or J.D.)	35,844	37,945	38,848	40,302	40,044	39,349	39,828	40,079	39,331	39,167	38,152	37,904	19,981	17,923	38,981	20,254	18,727														
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.)	7,283	5,695	5,251	5,447	5,967	5,978	5,879	5,859	5,873	5,558	6,129	5,026	3,419	1,607	5,195	3,484	1,711														
Other	43	487	2,072	491	55	75	170	998	372	153	413	348	145	203	227	69	158														
Total, public institutions	29,568	29,554	29,366	29,628	29,842	29,871	29,882	31,243	31,233	31,693	32,247	32,633	16,965	15,668	33,439	17,010	16,429														
Dentistry (D.D.S. or D.M.D.)	2,827	2,308	2,200	2,167	2,189	2,236	2,198	2,350	2,468	2,479	2,512	2,477	1,581	896	2,525	1,629	896														
Medicine (M.D.)	9,991	9,364	9,259	9,370	9,506	9,599	9,370	9,773	9,474	9,515	9,389	9,408	5,442	3,966	9,390	5,318	4,072														
Optometry (O.D.)	441	477	595	460	471	461	499	488	537	488	493	497	218	279	503	201	302														
Osteopathic medicine (D.O.)	486	493	416	490	531	492	528	535	568	548	535	535	337	225	538	282	256														
Pharmacy (Pharm.D.)	473	808	852	1,171	1,185	1,344	1,557	1,765	2,212	2,503	3,485	3,876	1,347	2,529	4,382	1,525	2,857														
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	0	0	0	0	0	0	0	0	103	97	84	84	47	37	75	49	26														
Veterinary medicine (D.V.M.)	1,931	1,814	1,831	1,840	1,895	1,927	1,889	1,950	1,971	1,989	2,021	2,017	625	1,392	2,052	581	1,471														
Chiropractic (D.C. or D.C.M.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
Law (LL.B. or J.D.)	13,419	14,290	14,097	14,130	14,065	13,812	13,841	14,380	13,900	14,074	13,728	13,712	7,368	6,344	13,974	7,425	6,549														
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
Other	0	0	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
Total, private institutions	44,342	42,394	44,780	45,759	45,576	45,929	46,852	47,487	47,365	46,746	47,810	47,074	25,897	21,177	47,259	25,497	21,762														
Dentistry (D.D.S. or D.M.D.)	2,219	1,391	1,393	1,438	1,598	1,661	1,499	1,434	1,564	1,665	1,738	1,914	1,115	799	1,714	979	735														
Medicine (M.D.)	5,947	5,679	5,984	6,161	5,862	5,938	5,971	5,798	5,950	6,047	5,897	5,995	3,286	2,709	5,847	3,151	2,696														
Optometry (O.D.)	588	638	637	688	632	724	732	766	737	797	800	792	368	424	777	364	413														
Osteopathic medicine (D.O.)	1,061	966	910	1,137	1,267	1,362	1,367	1,484	1,542	1,587	1,701	1,888	1,159	729	1,878	1,133	745														
Pharmacy (Pharm.D.)	430	436	487	733	751	920	998	943	1,448	1,489	2,184	2,448	794	1,654	2,694	903	1,791														
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	612	589	504	476	465	545	650	614	491	481	485	444	287	157	399	266	133														
Veterinary medicine (D.V.M.)	339	218	213	217	194	221	220	238	222	237	230	231	54	177	237	71	166														
Chiropractic (D.C. or D.C.M.)	3,395	2,640	2,694	2,799	2,806	2,968	3,379	3,654	3,735	3,639	3,809	3,796	2,657	1,139	3,284	2,248	1,036														
Law (LL.B. or J.D.)	22,425	23,655	24,751	26,172	25,979	25,537	25,987	25,699	25,431	25,093	24,424	24,192	12,613	11,579	25,007	12,829	12,178														
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.)	7,283	5,695	5,251	5,447	5,967	5,978	5,879	5,859	5,873	5,558	6,129	5,026	3,419	1,607	5,195	3,484	1,711														
Other	43	487	1,956	491	55	75	170	998	372	153	413	348	145	203	227	69	158														

NOTE: Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training). Data for 1998-99 were imputed using alternative procedures. (See Guide to Sources for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1990-91 through 1998-99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 261. Associate degrees conferred by degree-granting institutions, by racial/ethnic group and sex of student: Selected years, 1976–77 to 2001–02

Year	Number of degrees conferred							Percentage distribution of degrees conferred						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total														
1976–77 ¹	404,956	342,290	33,159	16,636	7,044	2,498	3,329	100.0	84.5	8.2	4.1	1.7	0.6	0.8
1978–79 ²	396,745	331,092	34,979	16,269	7,518	2,336	4,551	100.0	83.5	8.8	4.1	1.9	0.6	1.1
1980–81 ³	410,174	339,167	35,330	17,800	8,650	2,584	6,643	100.0	82.7	8.6	4.3	2.1	0.6	1.6
1984–85 ⁴	429,815	355,343	35,791	19,407	9,914	2,953	6,407	100.0	82.7	8.3	4.5	2.3	0.7	1.5
1986–87	436,304	361,861	35,447	19,334	11,779	3,195	4,688	100.0	82.9	8.1	4.4	2.7	0.7	1.1
1988–89 ⁵	432,144	354,865	34,664	20,384	12,519	3,331	6,381	100.0	82.1	8.0	4.7	2.9	0.8	1.5
1989–90	455,102	376,816	34,326	21,504	13,066	3,430	5,960	100.0	82.8	7.5	4.7	2.9	0.8	1.3
1990–91	481,720	391,264	38,835	25,540	15,257	3,871	6,953	100.0	81.2	8.1	5.3	3.2	0.8	1.4
1991–92	504,231	408,871	40,228	27,262	15,821	4,060	7,989	100.0	81.1	8.0	5.4	3.1	0.8	1.6
1992–93	514,756	411,435	42,886	30,283	16,763	4,408	8,981	100.0	79.9	8.3	5.9	3.3	0.9	1.7
1993–94	530,632	419,694	45,523	32,118	18,444	4,876	9,977	100.0	79.1	8.6	6.1	3.5	0.9	1.9
1994–95	539,691	420,656	47,067	35,962	20,677	5,482	9,847	100.0	77.9	8.7	6.7	3.8	1.0	1.8
1995–96	555,216	426,106	52,014	38,254	23,138	5,573	10,131	100.0	76.7	9.4	6.9	4.2	1.0	1.8
1996–97	571,226	429,464	56,306	43,549	25,159	5,984	10,764	100.0	75.2	9.9	7.6	4.4	1.0	1.9
1997–98	558,555	413,561	55,314	45,876	25,196	6,246	12,362	100.0	74.0	9.9	8.2	4.5	1.1	2.2
1998–99	559,954	409,086	57,439	48,670	27,586	6,424	10,749	100.0	73.1	10.3	8.7	4.9	1.1	1.9
1999–2000	564,933	408,772	60,221	51,573	27,782	6,497	10,088	100.0	72.4	10.7	9.1	4.9	1.2	1.8
2000–01	578,865	411,075	63,855	57,288	28,463	6,623	11,561	100.0	71.0	11.0	9.9	4.9	1.1	2.0
2001–02	595,133	417,739	67,337	60,003	30,947	6,830	12,277	100.0	70.2	11.3	10.1	5.2	1.1	2.1
Men														
1976–77 ¹	209,672	178,236	15,330	9,105	3,630	1,216	2,155	100.0	85.0	7.3	4.3	1.7	0.6	1.0
1978–79 ²	187,284	156,671	14,425	8,135	4,058	1,069	2,926	100.0	83.7	7.7	4.3	2.2	0.6	1.6
1980–81 ³	183,819	151,242	14,290	8,327	4,557	1,108	4,295	100.0	82.3	7.8	4.5	2.5	0.6	2.3
1984–85 ⁴	190,409	157,278	14,184	8,561	5,492	1,198	3,696	100.0	82.6	7.4	4.5	2.9	0.6	1.9
1986–87	190,839	158,132	13,959	8,760	6,169	1,263	2,556	100.0	82.9	7.3	4.6	3.2	0.7	1.3
1988–89 ⁵	183,963	150,978	12,884	9,217	6,366	1,323	3,195	100.0	82.1	7.0	5.0	3.5	0.7	1.7
1989–90	191,195	158,954	12,502	9,370	6,170	1,364	2,835	100.0	83.1	6.5	4.9	3.2	0.7	1.5
1990–91	198,634	161,858	14,143	10,738	7,164	1,439	3,292	100.0	81.5	7.1	5.4	3.6	0.7	1.7
1991–92	207,481	168,976	14,529	11,664	7,349	1,545	3,418	100.0	81.4	7.0	5.6	3.5	0.7	1.6
1992–93	211,964	169,841	15,689	13,014	7,937	1,680	3,803	100.0	80.1	7.4	6.1	3.7	0.8	1.8
1993–94	215,261	170,905	16,931	13,214	8,289	1,837	4,085	100.0	79.4	7.9	6.1	3.9	0.9	1.9
1994–95	218,352	170,251	16,727	15,670	9,252	2,098	4,354	100.0	78.0	7.7	7.2	4.2	1.0	2.0
1995–96	219,514	169,230	17,941	15,740	10,229	1,993	4,381	100.0	77.1	8.2	7.2	4.7	0.9	2.0
1996–97	223,948	168,882	19,394	17,990	10,937	2,068	4,677	100.0	75.4	8.7	8.0	4.9	0.9	2.1
1997–98	217,613	161,212	18,686	19,108	10,953	2,252	5,402	100.0	74.1	8.6	8.8	5.0	1.0	2.5
1998–99	218,417	160,794	19,402	19,379	11,671	2,241	4,930	100.0	73.6	8.9	8.9	5.3	1.0	2.3
1999–2000	224,721	164,315	20,967	20,946	12,010	2,225	4,258	100.0	73.1	9.3	9.3	5.3	1.0	1.9
2000–01	231,645	166,322	22,147	23,350	12,339	2,294	5,193	100.0	71.8	9.6	10.1	5.3	1.0	2.2
2001–02	238,109	170,627	22,800	23,963	13,259	2,306	5,154	100.0	71.7	9.6	10.1	5.6	1.0	2.2
Women														
1976–77 ¹	195,284	164,054	17,829	7,531	3,414	1,282	1,174	100.0	84.0	9.1	3.9	1.7	0.7	0.6
1978–79 ²	209,461	174,421	20,554	8,134	3,460	1,267	1,625	100.0	83.3	9.8	3.9	1.7	0.6	0.8
1980–81 ³	226,355	187,925	21,040	9,473	4,093	1,476	2,348	100.0	83.0	9.3	4.2	1.8	0.7	1.0
1984–85 ⁴	239,406	198,065	21,607	10,846	4,422	1,755	2,711	100.0	82.7	9.0	4.5	1.8	0.7	1.1
1986–87	245,465	203,729	21,488	10,574	5,610	1,932	2,132	100.0	83.0	8.8	4.3	2.3	0.8	0.9
1988–89 ⁵	248,181	203,887	21,780	11,167	6,153	2,008	3,186	100.0	82.2	8.8	4.5	2.5	0.8	1.3
1989–90	263,907	217,862	21,824	12,134	6,896	2,066	3,125	100.0	82.6	8.3	4.6	2.6	0.8	1.2
1990–91	283,086	229,406	24,692	14,802	8,093	2,432	3,661	100.0	81.0	8.7	5.2	2.9	0.9	1.3
1991–92	296,750	239,895	25,699	15,598	8,472	2,515	4,571	100.0	80.8	8.7	5.3	2.9	0.8	1.5
1992–93	302,792	241,594	27,197	17,269	8,826	2,728	5,178	100.0	79.8	9.0	5.7	2.9	0.9	1.7
1993–94	315,371	248,789	28,592	18,904	10,155	3,039	5,892	100.0	78.9	9.1	6.0	3.2	1.0	1.9
1994–95	321,339	250,405	30,340	20,292	11,425	3,384	5,493	100.0	77.9	9.4	6.3	3.6	1.1	1.7
1995–96	335,702	256,876	34,073	22,514	12,909	3,580	5,750	100.0	76.5	10.1	6.7	3.8	1.1	1.7
1996–97	347,278	260,582	36,912	25,559	14,222	3,916	6,087	100.0	75.0	10.6	7.4	4.1	1.1	1.8
1997–98	340,942	252,349	36,628	26,768	14,243	3,994	6,960	100.0	74.0	10.7	7.9	4.2	1.2	2.0
1998–99	341,537	248,292	38,037	29,291	15,915	4,183	5,819	100.0	72.7	11.1	8.6	4.7	1.2	1.7
1999–2000	340,212	244,457	39,254	30,627	15,772	4,272	5,830	100.0	71.9	11.5	9.0	4.6	1.3	1.7
2000–01	347,220	244,753	41,708	33,938	16,124	4,329	6,368	100.0	70.5	12.0	9.8	4.6	1.2	1.8
2001–02	357,024	247,112	44,537	36,040	17,688	4,524	7,123	100.0	69.2	12.5	10.1	5.0	1.3	2.0

¹ Excludes 1,170 men and 251 women whose racial/ethnic group was not available.

² Excludes 4,807 men and 1,150 women whose racial/ethnic group was not available.

³ Excludes 4,819 men and 1,384 women whose racial/ethnic group was not available.

⁴ Excludes 1,033 men and 1,512 women whose racial/ethnic group was not available.

⁵ Excludes 2,353 men and 2,267 women whose racial/ethnic group was not available.

NOTE: For years 1984–85 to 2001–02, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Data for 1998–99 were imputed using alter-

native procedures. (See Guide to Sources for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys 1976–77 through 1984–85, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 262. Associate degrees conferred by degree-granting institutions, by sex, racial/ethnic group, and major field of study: 2001-02

Major field of study	Total										Men					Women					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	595,133	417,739	67,337	60,003	30,947	6,830	12,277	238,109	170,627	22,800	23,963	13,259	2,306	5,154	357,024	247,112	44,537	36,040	17,688	4,524	7,123
Agriculture and natural resources	6,494	6,118	51	120	39	89	77	4,195	3,966	38	66	21	58	46	2,299	2,152	13	54	18	31	31
Architecture and related programs	443	331	23	28	30	3	3	101	71	9	5	6	1	9	260	260	14	23	24	2	19
Area, ethnic, and cultural studies	319	240	13	17	2	32	15	63	34	9	5	2	10	3	256	206	4	12	0	22	12
Biological sciences/life sciences	1,517	1,074	141	137	91	44	30	478	338	44	49	23	11	13	1,039	736	97	88	68	33	17
Business	108,911	73,361	16,052	9,823	5,505	1,244	2,926	36,518	25,708	4,479	3,026	1,824	326	1,155	72,393	47,653	11,573	6,797	3,681	918	1,771
Communications	2,819	2,252	240	167	89	26	45	1,395	1,168	108	66	36	7	10	1,424	1,084	132	101	53	19	35
Communications technologies	2,021	1,518	166	185	55	19	78	1,247	957	95	117	32	10	36	774	561	71	68	23	9	42
Computer and information sciences	30,965	19,943	4,328	3,024	2,392	301	977	19,815	13,445	2,233	1,959	1,502	154	522	11,150	6,498	2,095	1,065	890	147	455
Construction trades	2,639	2,216	172	117	63	62	9	2,500	2,118	151	108	59	55	9	139	98	21	9	4	7	0
Education	9,267	6,318	1,397	1,050	98	316	88	1,870	1,286	280	197	18	66	23	7,397	5,032	1,117	853	80	250	65
Engineering	1,724	1,284	140	124	101	18	57	1,436	1,092	107	96	78	16	47	288	192	33	28	23	2	10
Engineering-related technologies ¹	32,895	22,920	3,743	3,468	2,154	263	347	28,380	20,049	2,950	3,085	1,801	208	287	4,515	2,871	793	383	353	55	60
English language and literature/letters	864	625	69	101	44	16	19	295	203	24	46	15	3	4	569	422	45	55	29	3	15
Foreign languages and literatures	517	298	13	143	26	16	21	220	141	7	44	19	5	4	297	157	6	99	7	11	17
Health professions and related sciences	79,888	60,300	9,381	5,903	2,922	862	520	10,185	6,977	1,193	1,152	622	121	120	69,703	53,323	8,188	4,751	2,300	741	400
Home economics and vocational home economics	9,480	5,652	1,792	1,252	466	154	164	741	443	97	58	114	9	20	8,739	5,209	1,695	1,194	352	145	144
Law and legal studies	6,825	4,785	1,174	626	133	73	34	777	474	184	83	18	12	6	6,048	4,311	990	543	115	61	28
Liberal arts and sciences, general studies, and humanities	207,163	144,594	19,935	23,275	11,944	2,170	5,245	76,176	53,965	6,724	7,970	4,652	674	2,191	130,987	90,629	13,211	15,305	7,292	1,496	3,054
Library science	96	85	3	5	2	1	0	12	10	2	0	0	0	0	84	75	1	5	2	1	0
Mathematics	685	407	28	112	95	7	36	445	260	20	76	62	6	21	240	147	8	36	33	1	15
Mechanics and repairers	12,086	9,012	824	1,343	613	175	119	11,319	8,532	734	1,257	532	158	106	767	480	90	86	81	17	13
Multi/interdisciplinary studies	13,204	8,826	1,379	1,476	1,137	101	285	5,770	3,935	617	627	436	31	124	7,434	4,891	762	849	701	70	161
Parks, recreation, leisure and fitness studies	830	629	88	68	16	10	19	463	351	53	38	11	2	8	367	278	35	30	5	8	11
Philosophy and religion	134	67	21	27	17	0	2	70	39	12	14	4	1	1	64	28	9	13	13	0	1
Physical sciences and science technologies	2,308	1,707	205	200	118	22	56	1,246	944	89	123	56	10	24	1,062	763	116	77	62	12	32
Precision production trades	10,818	8,470	673	1,033	452	109	81	8,391	6,660	493	804	315	71	48	2,427	1,810	180	229	137	38	33
Protective services	16,689	12,276	1,941	1,832	376	200	64	10,292	8,105	772	1,026	257	91	41	6,397	4,171	1,169	806	119	109	23
Psychology	1,705	1,166	147	270	53	33	36	371	242	42	54	16	7	10	1,334	924	105	216	37	26	26
Public administration and services	3,323	1,862	817	460	87	73	24	468	236	114	76	25	14	3	2,855	1,626	703	384	62	59	21
R.O.T.C. and military technologies	62	32	27	3	0	0	0	54	29	23	2	0	0	0	8	3	4	1	0	0	0
Social sciences and history	5,593	3,326	650	946	382	172	117	1,846	1,115	193	310	137	44	47	3,747	2,211	457	636	245	128	70
Theological studies and religious vocations	414	314	68	16	4	1	11	178	128	36	10	1	1	2	236	186	32	6	3	0	9
Transportation and material moving workers	1,159	901	61	96	41	13	47	998	800	55	74	33	10	26	161	101	6	22	8	3	21
Visual and performing arts	20,911	14,546	1,521	2,545	1,388	211	700	9,613	6,668	786	1,333	524	114	188	11,298	7,878	735	1,212	864	97	512
Not classified by field of study	365	284	54	11	12	4	0	181	138	27	7	8	1	0	184	146	27	4	4	3	0

¹ Excludes "Construction trades" and "Mechanics and repairers," which are listed separately.

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Construction trades" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 263. Associate degrees conferred by degree-granting institutions, by sex, racial/ethnic group, and major field of study: 2000-01

Major field of study	Total										Men										Women									
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22									
All fields, total	578,865	411,075	63,855	57,288	28,463	6,623	11,561	231,645	166,322	22,147	23,350	12,339	2,294	5,193	347,220	244,753	41,708	33,938	16,124	4,329	6,368									
Agriculture and natural resources	6,649	6,227	45	172	34	83	88	4,282	4,024	34	103	19	56	46	2,367	2,203	11	69	15	27	42									
Architecture and related programs	417	330	18	34	19	1	15	118	95	8	0	3	0	2	299	235	10	24	16	1	13									
Area, ethnic, and cultural studies	307	234	10	9	7	25	22	44	27	0	2	0	9	6	263	207	10	7	7	16	16									
Biological sciences/life sciences	1,444	1,012	134	142	87	34	35	456	323	48	40	26	7	12	988	689	86	102	61	27	23									
Business	108,818	75,038	15,199	9,495	5,294	1,202	2,590	35,773	25,694	4,227	2,847	1,700	290	1,015	73,045	49,344	10,972	6,648	3,594	912	1,575									
Communications	2,949	2,185	287	264	120	31	62	1,435	1,046	140	148	64	16	21	1,514	1,139	147	116	56	15	41									
Communications technologies	1,983	1,399	196	217	62	9	100	1,231	894	118	130	40	5	44	752	505	78	87	22	4	56									
Computer and information sciences	26,339	17,437	3,773	2,525	1,934	289	681	15,672	10,634	1,828	1,569	1,143	142	356	10,667	6,503	1,945	956	791	147	325									
Construction trades	2,682	2,115	192	232	89	50	4	2,532	1,994	181	223	87	43	4	150	121	11	9	2	7	0									
Education	9,219	6,328	1,296	1,155	99	271	70	2,010	1,397	305	208	19	59	22	7,209	4,931	991	947	80	212	48									
Engineering	1,825	1,302	120	155	133	18	97	1,517	1,106	102	117	105	15	72	308	196	18	38	28	3	25									
Engineering-related technologies ¹	34,467	23,884	3,950	3,644	2,010	268	711	29,683	20,729	3,163	3,228	1,733	211	619	47,84	3,155	787	416	277	57	92									
English language and literature/letters	877	641	58	103	39	6	30	322	226	20	43	18	5	10	555	415	38	60	21	1	20									
Foreign languages and literatures	529	312	12	141	38	6	20	242	167	2	37	26	4	6	287	145	10	104	12	2	14									
Health professions and related sciences	82,184	62,573	9,180	5,939	3,022	948	522	11,125	7,769	1,259	1,216	642	142	97	71,059	54,804	7,921	4,723	2,380	806	425									
Home economics and vocational home economics	8,630	5,356	1,443	1,093	506	112	120	712	403	95	52	133	10	19	7,918	4,953	1,348	1,041	373	102	101									
Law and legal studies	6,854	4,790	1,167	675	120	77	25	898	555	184	114	22	14	9	5,956	4,235	983	561	98	63	16									
Liberal arts and sciences, general studies, and humanities	196,843	138,463	18,636	22,086	10,870	2,094	4,694	73,015	51,707	6,418	7,861	4,306	695	2,028	123,828	86,756	12,218	14,225	6,564	1,399	2,666									
Library science	103	86	0	7	6	3	1	9	8	0	0	1	0	0	94	78	0	7	5	3	1									
Mathematics	695	374	52	104	111	12	42	449	240	32	67	74	8	28	246	134	20	37	37	4	14									
Mechanics and repairers	12,650	9,318	858	1,361	840	173	100	11,853	8,839	765	1,285	718	153	93	797	479	93	76	122	20	7									
Multi/interdisciplinary studies	10,438	7,769	1,083	810	520	105	151	4,658	3,411	515	381	227	44	80	5,780	4,358	568	429	293	61	71									
Parks, recreation, leisure and fitness studies	841	620	102	71	20	10	18	487	347	72	37	16	6	9	354	273	30	34	4	4	9									
Philosophy and religion	65	50	7	5	3	0	0	46	33	6	4	3	0	0	19	17	1	1	0	0	0									
Physical sciences and science technologies	2,337	1,665	249	225	119	22	57	1,266	905	122	143	52	11	33	1,071	760	127	82	67	11	24									
Precision production trades	11,493	8,900	682	1,081	452	131	247	8,857	6,901	496	862	326	99	173	2,636	1,999	186	219	126	32	74									
Protective services	16,425	12,238	1,861	1,768	299	196	43	10,430	8,292	763	1,023	222	105	25	5,995	3,946	1,098	765	77	91	18									
Psychology	1,554	1,056	150	231	57	35	25	360	235	35	57	18	7	8	1,194	821	115	174	39	28	17									
Public administration and services	3,333	1,895	796	435	97	90	20	477	254	112	83	12	12	4	2,856	1,641	684	352	85	78	16									
R.O.T.C. and military technologies	120	42	57	16	3	2	0	96	34	46	12	2	0	0	24	8	11	4	1	0	0									
Social sciences and history	5,132	3,063	589	909	330	115	126	1,717	1,042	184	285	135	26	45	3,415	2,021	405	624	195	89	81									
Theological studies and religious vocations	576	396	111	39	8	9	13	288	166	61	24	5	5	7	288	210	50	15	3	4	6									
Transportation and material moving workers	1,068	843	53	96	30	3	43	919	736	43	79	29	3	29	149	107	10	17	1	0	14									
Visual and performing arts	18,435	13,176	1,331	1,920	1,054	174	780	8,300	5,904	690	972	385	87	262	10,135	7,272	641	948	669	87	518									
Not classified by field of study	584	258	158	109	31	19	9	366	165	73	88	28	3	9	218	93	85	21	3	16	0									

¹Excludes "Construction trades" and "Mechanics and repairers," which are listed separately.

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 survey. (This table was prepared October 2002.)

Table 264. Bachelor's degrees conferred by degree-granting institutions, by racial/ethnic group and sex of student: Selected years, 1976–77 to 2001–02

Year	Number of degrees conferred							Percentage distribution of degrees conferred						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total														
1976–77 ¹	917,900	807,688	58,636	18,743	13,793	3,326	15,714	100.0	88.0	6.4	2.0	1.5	0.4	1.7
1978–79 ²	919,540	802,542	60,246	20,096	15,407	3,410	17,839	100.0	87.3	6.6	2.2	1.7	0.4	1.9
1980–81 ³	934,800	807,319	60,673	21,832	18,794	3,593	22,589	100.0	86.4	6.5	2.3	2.0	0.4	2.4
1984–85 ⁴	968,311	826,106	57,473	25,874	25,395	4,246	29,217	100.0	85.3	5.9	2.7	2.6	0.4	3.0
1986–87	991,264	841,818	56,560	26,988	32,624	3,968	29,306	100.0	84.9	5.7	2.7	3.3	0.4	3.0
1988–89 ⁵	1,016,350	859,703	58,078	29,918	37,674	3,951	27,026	100.0	84.6	5.7	2.9	3.7	0.4	2.7
1989–90	1,051,344	887,151	61,046	32,829	39,230	4,390	26,698	100.0	84.4	5.8	3.1	3.7	0.4	2.5
1990–91	1,094,538	914,093	66,375	37,342	42,529	4,583	29,616	100.0	83.5	6.1	3.4	3.9	0.4	2.7
1991–92	1,136,553	941,663	72,680	41,087	47,428	5,228	28,467	100.0	82.9	6.4	3.6	4.2	0.5	2.5
1992–93	1,165,178	952,194	78,099	45,417	51,481	5,683	32,304	100.0	81.7	6.7	3.9	4.4	0.5	2.8
1993–94	1,169,275	939,008	83,909	50,299	55,689	6,192	34,178	100.0	80.3	7.2	4.3	4.8	0.5	2.9
1994–95	1,160,134	914,610	87,236	54,230	60,502	6,610	36,946	100.0	78.8	7.5	4.7	5.2	0.6	3.2
1995–96	1,164,792	905,846	91,496	58,351	64,433	6,976	37,690	100.0	77.8	7.9	5.0	5.5	0.6	3.2
1996–97	1,172,879	900,809	94,349	62,509	68,859	7,425	38,928	100.0	76.8	8.0	5.3	5.9	0.6	3.3
1997–98	1,184,406	901,344	98,251	66,005	71,678	7,903	39,225	100.0	76.1	8.3	5.6	6.1	0.7	3.3
1998–99	1,200,303	907,245	102,214	70,085	74,197	8,423	38,139	100.0	75.6	8.5	5.8	6.2	0.7	3.2
1999–2000	1,237,875	929,106	108,013	75,059	77,912	8,719	39,066	100.0	75.1	8.7	6.1	6.3	0.7	3.2
2000–01	1,244,171	927,357	111,307	77,745	78,902	9,049	39,811	100.0	74.5	8.9	6.2	6.3	0.7	3.2
2001–02	1,291,900	958,585	116,624	82,969	83,101	9,165	41,456	100.0	74.2	9.0	6.4	6.4	0.7	3.2
Men														
1976–77 ¹	494,424	438,161	25,147	10,318	7,638	1,804	11,356	100.0	88.6	5.1	2.1	1.5	0.4	2.3
1978–79 ²	476,065	418,215	24,659	10,418	8,261	1,736	12,776	100.0	87.8	5.2	2.2	1.7	0.4	2.7
1980–81 ³	469,625	406,173	24,511	10,810	10,107	1,700	16,324	100.0	86.5	5.2	2.3	2.2	0.4	3.5
1984–85 ⁴	476,148	405,085	23,018	12,402	13,554	1,998	20,091	100.0	85.1	4.8	2.6	2.8	0.4	4.2
1986–87	480,782	406,749	22,501	12,865	17,253	1,817	19,597	100.0	84.6	4.7	2.7	3.6	0.4	4.1
1988–89 ⁵	481,946	407,154	22,370	13,950	19,260	1,730	17,482	100.0	84.5	4.6	2.9	4.0	0.4	3.6
1989–90	491,696	414,982	23,257	14,932	19,711	1,860	16,954	100.0	84.4	4.7	3.0	4.0	0.4	3.4
1990–91	504,045	421,290	24,800	16,598	21,203	1,938	18,216	100.0	83.6	4.9	3.3	4.2	0.4	3.6
1991–92	520,811	432,635	27,092	18,167	23,652	2,195	17,070	100.0	83.1	5.2	3.5	4.5	0.4	3.3
1992–93	532,881	437,262	28,962	19,883	25,303	2,450	19,021	100.0	82.1	5.4	3.7	4.7	0.5	3.6
1993–94	532,422	430,526	30,766	21,834	26,952	2,620	19,724	100.0	80.9	5.8	4.1	5.1	0.5	3.7
1994–95	526,131	417,878	31,793	23,626	28,992	2,739	21,103	100.0	79.4	6.0	4.5	5.5	0.5	4.0
1995–96	522,454	409,565	32,974	25,029	30,669	2,885	21,332	100.0	78.4	6.3	4.8	5.9	0.6	4.1
1996–97	520,515	403,366	33,616	26,318	32,521	2,996	21,698	100.0	77.5	6.5	5.1	6.2	0.6	4.2
1997–98	519,956	399,553	34,510	27,677	33,445	3,151	21,620	100.0	76.8	6.6	5.3	6.4	0.6	4.2
1998–99	518,746	396,996	34,876	28,662	34,225	3,323	20,664	100.0	76.5	6.7	5.5	6.6	0.6	4.0
1999–2000	530,367	402,961	37,024	30,301	35,853	3,464	20,764	100.0	76.0	7.0	5.7	6.8	0.7	3.9
2000–01	531,840	401,780	38,103	31,368	35,865	3,700	21,024	100.0	75.5	7.2	5.9	6.7	0.7	4.0
2001–02	549,816	414,885	39,194	32,953	37,666	3,625	21,493	100.0	75.5	7.1	6.0	6.9	0.7	3.9
Women														
1976–77 ¹	423,476	369,527	33,489	8,425	6,155	1,522	4,358	100.0	87.3	7.9	2.0	1.5	0.4	1.0
1978–79 ²	443,475	384,327	35,587	9,678	7,146	1,674	5,063	100.0	86.7	8.0	2.2	1.6	0.4	1.1
1980–81 ³	465,175	401,146	36,162	11,022	8,687	1,893	6,265	100.0	86.2	7.8	2.4	1.9	0.4	1.3
1984–85 ⁴	492,163	421,021	34,455	13,472	11,841	2,248	9,126	100.0	85.5	7.0	2.7	2.4	0.5	1.9
1986–87	510,482	435,069	34,059	14,123	15,371	2,151	9,709	100.0	85.2	6.7	2.8	3.0	0.4	1.9
1988–89 ⁵	534,404	452,549	35,708	15,968	18,414	2,221	9,544	100.0	84.7	6.7	3.0	3.4	0.4	1.8
1989–90	559,648	472,169	37,789	17,897	19,519	2,530	9,744	100.0	84.4	6.8	3.2	3.5	0.5	1.7
1990–91	590,493	492,803	41,575	20,744	21,326	2,645	11,400	100.0	83.5	7.0	3.5	3.6	0.4	1.9
1991–92	615,742	509,028	45,588	22,920	23,776	3,033	11,397	100.0	82.7	7.4	3.7	3.9	0.5	1.9
1992–93	632,297	514,932	49,137	25,534	26,178	3,233	13,283	100.0	81.4	7.8	4.0	4.1	0.5	2.1
1993–94	636,853	508,482	53,143	28,465	28,737	3,572	14,454	100.0	79.8	8.3	4.5	4.5	0.6	2.3
1994–95	634,003	496,732	55,443	30,604	31,510	3,871	15,843	100.0	78.3	8.7	4.8	5.0	0.6	2.5
1995–96	642,338	496,281	58,522	33,322	33,764	4,091	16,358	100.0	77.3	9.1	5.2	5.3	0.6	2.5
1996–97	652,364	497,443	60,733	36,191	36,338	4,429	17,230	100.0	76.3	9.3	5.5	5.6	0.7	2.6
1997–98	664,450	501,791	63,741	38,328	38,233	4,752	17,605	100.0	75.5	9.6	5.8	5.8	0.7	2.6
1998–99	681,557	510,249	67,338	41,423	39,972	5,100	17,475	100.0	74.9	9.9	6.1	5.9	0.7	2.6
1999–2000	707,508	526,145	70,989	44,758	42,059	5,255	18,302	100.0	74.4	10.0	6.3	5.9	0.7	2.6
2000–01	712,331	525,577	73,204	46,377	43,037	5,349	18,787	100.0	73.8	10.3	6.5	6.0	0.8	2.6
2001–02	742,084	543,700	77,430	50,016	45,435	5,540	19,963	100.0	73.3	10.4	6.7	6.1	0.7	2.7

¹ Excludes 1,121 men and 528 women whose racial/ethnic group was not available.² Excludes 1,279 men and 571 women whose racial/ethnic group was not available.³ Excludes 258 men and 82 women whose racial/ethnic group was not available.⁴ Excludes 6,380 men and 4,786 women whose racial/ethnic group was not available.⁵ Excludes 1,400 men and 1,005 women whose racial/ethnic group was not available.

NOTE: For years 1984–85 to 2001–02, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Data for 1998–99 were imputed using alter-

native procedures. (See Guide to Sources for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys 1976–77 through 1984–85, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 265. Bachelor's degrees conferred by degree-granting institutions, by sex, racial/ethnic group, and major field of study: 2001-02

Major field of study	Total						Men						Women								
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	1,291,900	958,585	116,624	82,969	83,101	9,165	41,456	549,816	414,885	39,194	32,953	37,666	3,625	21,493	742,084	543,700	77,430	50,016	45,435	5,540	19,963
Agriculture and natural resources	23,353	20,659	653	744	760	191	346	12,643	11,365	281	378	334	107	178	10,710	9,294	372	366	426	84	168
Architecture and related programs	8,808	6,518	348	640	729	58	515	5,224	3,932	203	395	360	330	39	3,584	2,586	145	245	256	19	220
Area, ethnic, and cultural studies	6,557	3,841	881	775	758	132	170	2,042	1,193	290	239	223	46	51	4,515	2,648	591	536	535	86	119
Biological sciences/life sciences	60,256	42,831	4,807	3,256	7,485	426	1,451	23,612	17,263	1,329	1,307	3,008	169	536	36,644	25,568	3,478	1,949	4,477	952	915
Business	281,330	199,906	28,153	17,557	20,083	1,810	13,821	140,566	105,165	10,088	8,140	8,961	858	7,354	140,764	94,741	18,065	9,417	11,122	952	6,467
Communications	62,791	49,483	5,540	3,510	2,368	344	1,546	22,914	18,474	1,873	1,127	765	122	553	39,877	31,009	3,667	2,383	1,603	222	993
Communications technologies	1,110	781	149	94	62	5	19	699	478	76	78	53	4	10	411	303	73	16	9	1	9
Computer and information sciences	47,298	28,311	5,030	2,442	7,408	239	3,869	34,248	22,111	2,670	1,689	4,988	152	2,638	13,051	6,200	2,360	753	2,420	87	1,231
Construction trades	202	182	6	10	1	0	3	182	166	4	10	0	0	1	20	16	2	0	0	0	2
Education	106,383	90,475	6,976	4,893	1,916	1,018	1,105	24,051	20,102	1,822	1,096	474	239	318	82,332	70,373	5,154	3,797	1,442	779	787
Engineering	59,481	41,192	3,099	3,208	7,400	320	4,262	47,171	33,492	1,966	2,484	5,475	243	3,511	12,310	7,700	1,133	724	1,925	77	751
Engineering-related technologies ¹	14,117	10,567	1,387	875	739	102	447	12,480	9,536	1,077	746	652	87	382	1,637	1,031	310	129	87	15	65
English language and literature/letters	53,162	43,129	4,049	2,908	2,233	308	535	16,704	13,892	1,029	913	634	88	146	29,237	3,020	1,995	1,599	1,599	220	387
Foreign languages and literatures	15,318	10,885	622	2,558	726	73	454	4,413	3,276	153	641	211	211	26	10,905	7,609	469	1,917	515	47	348
Health professions and related sciences	70,517	53,533	8,011	3,700	3,961	528	784	10,257	7,418	1,041	721	819	86	172	60,260	46,115	6,970	2,979	3,142	442	612
Home economics and vocational home economics	18,153	14,722	1,659	724	653	123	272	2,182	1,715	235	101	74	12	45	15,971	13,007	1,424	623	579	111	227
Law and legal studies	1,971	1,359	303	146	136	15	12	588	414	58	46	62	4	4	1,383	945	245	100	74	11	8
Liberal arts and sciences, general studies, and humanities	39,333	27,786	4,688	4,106	1,572	442	739	12,902	9,630	1,399	989	460	138	286	26,431	18,156	3,289	3,117	1,112	304	453
Library science	74	67	0	1	1	4	2	18	15	0	0	0	2	0	56	52	0	1	2	0	1
Mathematics	12,395	9,190	935	695	1,057	59	459	6,608	4,970	417	356	550	31	284	5,787	4,220	518	339	507	28	175
Mechanics and repairers	164	104	18	21	13	0	8	157	100	17	20	13	0	7	7	4	1	1	0	0	1
Multi/interdisciplinary studies	27,629	19,866	2,739	2,793	1,474	194	563	8,948	6,616	824	623	579	65	241	18,681	13,250	1,915	2,170	895	129	322
Parks, recreation, leisure and fitness studies	20,554	16,795	1,751	1,068	447	157	336	9,919	7,902	951	591	222	69	184	10,635	8,893	800	477	225	88	152
Philosophy and religion	9,306	7,661	481	472	474	56	162	5,688	4,684	273	325	280	31	95	3,618	2,977	208	147	194	25	67
Physical sciences and science technologies	17,851	13,900	1,142	709	1,379	114	607	10,314	8,316	463	424	695	63	353	7,537	5,584	679	285	684	51	254
Precision production trades	468	391	25	24	16	1	11	324	288	21	18	9	1	7	144	123	4	6	7	0	4
Protective services	25,536	17,262	4,484	2,659	715	306	110	13,727	9,980	1,812	1,284	441	156	54	11,809	7,282	2,672	1,375	274	150	56
Psychology	76,671	55,824	8,107	6,381	4,426	567	1,366	17,275	12,525	1,614	1,524	1,171	131	310	59,396	43,299	6,493	4,857	3,255	436	1,056
Public administration and services	19,392	12,529	4,036	1,847	595	178	207	3,706	2,316	757	378	173	40	42	15,686	10,213	3,279	1,469	422	138	165
R.O.T.C. and military sciences	3	3	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
Social sciences and history	132,874	96,346	12,530	9,917	9,258	886	3,937	64,170	48,921	4,493	4,269	4,198	385	1,904	68,704	47,425	8,037	5,648	5,060	501	2,033
Theological studies and religious vocations	7,785	6,699	411	258	161	28	228	5,293	4,596	247	164	109	15	162	2,482	2,103	164	94	52	13	66
Transportation and material moving workers	4,020	3,339	220	181	101	29	150	3,555	2,949	197	153	96	22	138	465	390	23	28	5	7	12
Visual and performing arts	66,773	52,224	3,373	3,787	3,983	456	2,850	27,130	21,020	1,506	1,718	1,571	196	1,119	39,643	31,204	1,867	2,069	2,412	260	1,831
Not classified by field of study	264	225	11	10	8	0	10	103	82	8	6	3	0	4	161	143	3	4	5	0	6

¹Excludes "Construction trades" and "Mechanics and repairers," which are listed separately.

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Construction trades" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 266. Bachelor's degrees conferred by degree-granting institutions, by sex, racial/ethnic group, and major field of study: 2000-01

Major field of study	Total										Men					Women					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	1,244,171	927,357	111,307	77,745	76,902	9,049	39,811	531,840	401,760	38,103	31,368	35,865	3,700	21,024	712,331	525,577	73,204	46,377	43,037	5,349	18,787
Agriculture and natural resources	23,382	20,789	610	685	710	251	337	12,845	11,612	278	348	289	138	180	10,537	9,177	332	337	421	113	157
Architecture and related programs	8,480	6,234	330	585	698	42	591	5,086	3,821	200	357	368	30	310	3,394	2,413	130	228	330	12	281
Area, ethnic, and cultural studies	6,317	3,715	788	734	804	117	179	1,916	1,106	228	249	239	49	45	4,401	2,609	540	485	565	68	134
Biological sciences/life sciences	60,553	42,717	4,851	3,343	7,764	447	1,431	24,549	17,642	1,370	1,423	3,333	201	580	36,004	25,075	3,481	1,920	4,431	246	851
Business	265,746	190,353	26,303	16,352	18,053	1,595	13,090	133,856	100,478	9,931	7,509	8,017	732	7,189	131,890	89,875	16,372	8,843	10,036	863	5,901
Communications	58,013	45,930	5,013	3,135	2,108	362	1,465	21,813	17,688	1,750	1,111	641	120	503	36,200	28,242	3,263	2,024	1,467	242	962
Communications technologies	1,050	708	162	88	41	3	48	651	436	69	71	33	3	39	399	272	93	17	8	0	9
Computer and information sciences	41,954	25,247	4,384	2,116	6,537	286	3,384	30,347	19,608	2,339	1,460	4,404	204	2,332	11,607	5,639	2,045	656	2,133	82	1,052
Construction trades	174	157	6	4	0	1	6	159	147	5	2	0	0	4	15	10	1	2	0	0	2
Education	105,566	89,715	7,394	4,696	1,900	921	940	24,592	20,577	1,981	1,032	505	235	262	80,974	69,138	5,413	3,664	1,395	686	678
Engineering	58,098	40,022	2,994	3,123	7,278	264	4,417	46,519	32,763	1,932	2,445	5,540	198	3,641	11,579	7,259	1,062	678	1,738	66	776
Engineering-related technologies ¹	13,922	10,444	1,330	801	721	132	494	12,343	9,365	1,068	712	631	120	447	15,791	10,791	262	89	90	12	47
English language and literature/letters	51,419	41,696	3,872	2,773	2,234	329	515	16,257	13,610	917	862	626	118	124	35,162	28,086	2,955	1,911	1,608	211	391
Foreign languages and literatures	15,146	10,716	650	2,574	717	76	413	4,411	3,213	162	708	190	27	111	10,735	7,503	488	1,866	527	49	302
Health professions and related sciences	73,490	56,540	7,520	3,669	4,183	530	1,048	11,908	8,811	1,028	776	991	89	213	61,582	47,729	6,492	2,893	3,192	441	835
Home economics and vocational home economics	17,777	14,432	1,607	697	679	134	228	2,207	1,696	240	101	119	8	43	15,570	12,736	1,367	596	560	126	185
Law and legal studies	1,958	1,366	281	172	110	14	15	530	353	63	65	44	4	1	1,428	1,013	218	107	66	10	14
Liberal arts and sciences, general studies, and humanities	37,962	27,065	4,418	3,835	1,537	404	703	12,567	9,354	1,326	958	478	151	300	25,395	17,711	3,092	2,877	1,059	253	403
Library science	52	42	6	0	0	2	0	7	4	1	1	0	0	2	45	38	5	0	2	0	0
Mathematics	11,674	8,657	874	673	983	54	433	6,107	4,535	390	356	526	28	272	5,567	4,122	484	317	457	26	161
Mechanics and repairers	93	80	3	4	1	2	3	89	77	2	4	1	1	2	4	3	1	0	0	0	0
Multi/interdisciplinary studies	25,999	18,823	2,556	2,508	1,422	192	498	8,434	6,263	746	612	567	59	187	17,565	12,560	1,810	1,896	855	133	311
Parks, recreation, leisure and fitness studies	19,565	15,958	1,702	1,014	427	159	305	9,324	7,388	912	573	192	94	165	10,241	8,570	790	441	235	65	140
Philosophy and religion	8,560	7,044	422	413	463	62	156	5,318	4,396	246	272	256	38	110	3,242	2,648	176	141	207	24	46
Physical sciences and science technologies	17,979	13,913	1,113	721	1,507	114	611	10,574	8,475	473	428	774	62	362	7,405	5,438	640	293	733	52	249
Precision production trades	347	303	24	5	7	1	7	238	207	17	4	4	5	4	109	96	7	1	2	0	3
Protective services	25,211	17,220	4,509	2,532	589	264	97	13,772	10,104	1,896	1,258	353	110	51	11,439	7,116	2,613	1,274	236	154	46
Psychology	73,534	53,659	7,863	5,832	4,313	584	1,283	16,572	12,093	1,625	1,332	1,089	163	270	56,962	41,566	6,238	4,500	3,224	421	1,013
Public administration and services	19,447	12,769	3,960	1,735	596	214	173	3,670	2,337	715	359	180	41	38	15,777	10,432	3,245	1,376	416	173	135
R.O.T.C. and military sciences	21	18	0	1	1	0	1	20	18	0	1	0	0	1	1	0	0	0	1	0	0
Social sciences and history	128,036	93,199	12,149	9,134	8,790	985	3,779	61,749	47,001	4,384	4,074	3,952	428	1,910	66,287	46,198	7,765	5,060	4,838	557	1,869
Theological studies and religious vocations	6,967	6,106	348	184	119	42	168	4,816	4,254	220	121	76	25	120	2,151	1,852	128	63	43	17	48
Transportation and material moving workers	3,748	3,094	189	185	106	46	128	3,312	2,747	161	159	94	44	107	436	28	26	12	2	2	21
Visual and performing arts	61,148	48,063	2,996	3,392	3,470	422	2,805	24,967	19,373	1,389	1,613	1,339	177	1,076	36,181	28,690	1,607	1,779	2,131	245	1,729
Not classified by field of study	783	563	100	30	32	0	58	315	228	39	13	13	0	22	468	335	61	17	19	0	36

¹ Excludes "Construction trades" and "Mechanics and repairers," which are listed separately.

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 survey. (This table was prepared November 2002.)

Table 267. Master's degrees conferred by degree-granting institutions, by racial/ethnic group and sex of student: Selected years, 1976–77 to 2001–02

Year	Number of degrees conferred							Percentage distribution of degrees conferred						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total														
1976–77 ¹	316,602	266,061	21,037	6,071	5,122	967	17,344	100.0	84.0	6.6	1.9	1.6	0.3	5.5
1978–79 ²	300,255	249,360	19,418	5,555	5,496	999	19,427	100.0	83.0	6.5	1.9	1.8	0.3	6.5
1980–81 ³	294,183	241,216	17,133	6,461	6,282	1,034	22,057	100.0	82.0	5.8	2.2	2.1	0.4	7.5
1984–85 ⁴	280,421	223,628	13,939	6,864	7,782	1,256	26,952	100.0	79.7	5.0	2.4	2.8	0.4	9.6
1986–87	289,349	228,874	13,873	7,044	8,559	1,103	29,896	100.0	79.1	4.8	2.4	3.0	0.4	10.3
1988–89 ⁵	309,770	242,764	14,095	7,277	10,335	1,086	34,213	100.0	78.4	4.6	2.3	3.3	0.4	11.0
1989–90	324,301	254,299	15,336	7,892	10,439	1,090	35,245	100.0	78.4	4.7	2.4	3.2	0.3	10.9
1990–91	337,168	261,232	16,616	8,887	11,650	1,178	37,605	100.0	77.5	4.9	2.6	3.5	0.3	11.2
1991–92	352,838	271,177	18,256	9,521	12,960	1,280	39,644	100.0	76.9	5.2	2.7	3.7	0.4	11.2
1992–93	369,585	279,827	19,744	10,638	13,863	1,405	44,108	100.0	75.7	5.3	2.9	3.8	0.4	11.9
1993–94	387,070	289,536	21,986	11,933	15,411	1,699	46,505	100.0	74.8	5.7	3.1	4.0	0.4	12.0
1994–95	397,629	293,345	24,166	12,905	16,847	1,621	48,745	100.0	73.8	6.1	3.2	4.2	0.4	12.3
1995–96	406,301	298,133	25,822	14,442	18,216	1,778	47,910	100.0	73.4	6.4	3.6	4.5	0.4	11.8
1996–97	419,401	305,005	28,403	15,440	19,061	1,940	49,552	100.0	72.7	6.8	3.7	4.5	0.5	11.8
1997–98	430,164	308,196	30,155	16,248	21,133	2,053	52,379	100.0	71.6	7.0	3.8	4.9	0.5	12.2
1998–99	439,986	313,487	32,541	17,838	22,072	2,016	52,032	100.0	71.2	7.4	4.1	5.0	0.5	11.8
1999–2000	457,056	320,485	35,874	19,253	23,218	2,246	55,980	100.0	70.1	7.8	4.2	5.1	0.5	12.2
2000–01	468,476	320,480	38,265	21,543	24,283	2,481	61,424	100.0	68.4	8.2	4.6	5.2	0.5	13.1
2001–02	482,118	327,635	40,373	22,387	25,414	2,626	63,683	100.0	68.0	8.4	4.6	5.3	0.5	13.2
Men														
1976–77 ¹	167,396	139,210	7,781	3,268	3,123	521	13,493	100.0	83.2	4.6	2.0	1.9	0.3	8.1
1978–79 ²	152,637	124,058	7,070	2,786	3,325	495	14,903	100.0	81.3	4.6	1.8	2.2	0.3	9.8
1980–81 ³	145,666	115,562	6,158	3,085	3,773	501	16,587	100.0	79.3	4.2	2.1	2.6	0.3	11.4
1984–85 ⁴	139,417	106,059	5,200	3,059	4,842	583	19,674	100.0	76.1	3.7	2.2	3.5	0.4	14.1
1986–87	141,269	105,572	5,153	3,331	5,239	518	21,456	100.0	74.7	3.6	2.4	3.7	0.4	15.2
1988–89 ⁵	148,872	109,715	5,175	3,325	6,048	476	24,133	100.0	73.7	3.5	2.2	4.1	0.3	16.2
1989–90	153,653	114,203	5,474	3,548	5,896	455	24,077	100.0	74.3	3.6	2.3	3.8	0.3	15.7
1990–91	156,482	114,419	5,916	3,936	6,575	488	25,148	100.0	73.1	3.8	2.5	4.2	0.3	16.1
1991–92	161,842	117,512	6,112	4,220	7,234	529	26,235	100.0	72.6	3.8	2.6	4.5	0.3	16.2
1992–93	169,258	120,783	6,803	4,722	7,545	584	28,821	100.0	71.4	4.0	2.8	4.5	0.3	17.0
1993–94	176,085	124,409	7,424	5,122	8,298	692	30,140	100.0	70.7	4.2	2.9	4.7	0.4	17.1
1994–95	178,598	124,277	8,097	5,487	8,923	659	31,155	100.0	69.6	4.5	3.1	5.0	0.4	17.4
1995–96	179,081	124,847	8,445	5,843	9,400	705	29,841	100.0	69.7	4.7	3.3	5.2	0.4	16.7
1996–97	180,947	125,552	8,960	6,246	9,218	734	30,237	100.0	69.4	5.0	3.5	5.1	0.4	16.7
1997–98	184,375	125,605	9,652	6,512	10,262	782	31,562	100.0	68.1	5.2	3.5	5.6	0.4	17.1
1998–99	186,148	126,674	10,058	7,032	10,491	771	31,122	100.0	68.1	5.4	3.8	5.6	0.4	16.7
1999–2000	191,792	128,046	11,212	7,635	11,047	836	33,016	100.0	66.8	5.8	4.0	5.8	0.4	17.2
2000–01	194,351	125,993	11,568	8,271	11,349	917	36,253	100.0	64.8	6.0	4.3	5.8	0.5	18.7
2001–02	199,120	128,770	11,796	8,431	11,749	994	37,380	100.0	64.7	5.9	4.2	5.9	0.5	18.8
Women														
1976–77 ¹	149,206	126,851	13,256	2,803	1,999	446	3,851	100.0	85.0	8.9	1.9	1.3	0.3	2.6
1978–79 ²	147,618	125,302	12,348	2,769	2,171	504	4,524	100.0	84.9	8.4	1.9	1.5	0.3	3.1
1980–81 ³	148,517	125,654	10,975	3,376	2,509	533	5,470	100.0	84.6	7.4	2.3	1.7	0.4	3.7
1984–85 ⁴	141,004	117,569	8,739	3,805	2,940	673	7,278	100.0	83.4	6.2	2.7	2.1	0.5	5.2
1986–87	148,080	123,302	8,720	3,713	3,320	585	8,440	100.0	83.3	5.9	2.5	2.2	0.4	5.7
1988–89 ⁵	160,898	133,049	8,920	3,952	4,287	610	10,080	100.0	82.7	5.5	2.5	2.7	0.4	6.3
1989–90	170,648	140,096	9,862	4,344	4,543	635	11,168	100.0	82.1	5.8	2.5	2.7	0.4	6.5
1990–91	180,686	146,813	10,700	4,951	5,075	690	12,457	100.0	81.3	5.9	2.7	2.8	0.4	6.9
1991–92	190,996	153,665	12,144	5,301	5,726	751	13,409	100.0	80.5	6.4	2.8	3.0	0.4	7.0
1992–93	200,327	159,044	12,941	5,916	6,318	821	15,287	100.0	79.4	6.5	3.0	3.2	0.4	7.6
1993–94	210,985	165,127	14,562	6,811	7,113	1,007	16,365	100.0	78.3	6.9	3.2	3.4	0.5	7.8
1994–95	219,031	169,068	16,069	7,418	7,924	962	17,590	100.0	77.2	7.3	3.4	3.6	0.4	8.0
1995–96	227,220	173,286	17,377	8,599	8,816	1,073	18,069	100.0	76.3	7.6	3.8	3.9	0.5	8.0
1996–97	238,454	179,453	19,443	9,194	9,843	1,206	19,315	100.0	75.3	8.2	3.9	4.1	0.5	8.1
1997–98	245,789	182,591	20,503	9,736	10,871	1,271	20,817	100.0	74.3	8.3	4.0	4.4	0.5	8.5
1998–99	253,838	186,813	22,483	10,806	11,581	1,245	20,910	100.0	73.6	8.9	4.3	4.6	0.5	8.2
1999–2000	265,264	192,439	24,662	11,618	12,171	1,410	22,964	100.0	72.5	9.3	4.4	4.6	0.5	8.7
2000–01	274,125	194,487	26,697	13,272	12,934	1,564	25,171	100.0	70.9	9.7	4.8	4.7	0.6	9.2
2001–02	282,998	198,865	28,577	13,956	13,665	1,632	26,303	100.0	70.3	10.1	4.9	4.8	0.6	9.3

¹ Excludes 387 men and 175 women whose racial/ethnic group was not available.

² Excludes 733 men and 91 women whose racial/ethnic group was not available.

³ Excludes 1,377 men and 179 women whose racial/ethnic group was not available.

⁴ Excludes 3,973 men and 1,857 women whose racial/ethnic group was not available.

⁵ Excludes 482 men and 369 women whose racial/ethnic group was not available.

NOTE: For years 1984–85 to 2001–02, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Data for 1998–99 were imputed using alter-

native procedures. (See Guide to Sources for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys 1976–77 through 1984–85, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 268. Master's degrees conferred by degree-granting institutions, by sex, racial/ethnic group, and major field of study: 2001-02

Major field of study	Total										Men					Women					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	482,118	327,635	40,373	22,387	25,414	2,626	63,683	199,120	128,770	11,796	8,431	11,749	994	37,380	282,998	198,865	28,577	13,956	13,665	1,632	26,303
Agriculture and natural resources	4,519	3,454	122	117	139	27	660	2,345	1,806	61	71	50	19	338	2,174	1,648	61	46	89	8	322
Architecture and related programs	4,566	2,797	164	220	267	14	1,104	2,606	1,660	76	122	117	11	620	2,174	1,648	61	46	89	8	322
Area, ethnic, and cultural studies	1,578	959	130	125	106	23	235	610	391	36	62	40	6	75	988	568	94	63	66	17	160
Biological sciences/life sciences	6,205	4,265	303	261	552	35	789	2,616	1,846	92	123	239	14	302	3,589	2,419	211	138	313	21	487
Business	120,785	76,435	10,434	5,024	8,352	510	20,030	71,157	46,963	3,982	2,862	4,745	315	12,310	49,628	29,472	6,472	2,162	3,607	195	7,720
Communications	5,510	3,512	532	189	251	19	1,007	1,906	1,294	116	59	79	5	353	3,604	2,218	416	130	172	14	654
Communications technologies	549	312	36	11	22	2	166	295	181	14	6	6	9	84	254	131	22	5	13	82	
Computer and information sciences	16,113	5,144	745	307	2,264	36	7,617	10,753	3,774	403	212	1,329	22	5,013	5,360	1,370	342	95	935	14	2,604
Construction trades	9	2	1	2	3	0	4	8	2	1	2	0	0	3	1	0	0	0	0	0	1
Education	136,579	107,793	13,069	7,751	3,095	955	39,916	32,172	25,471	2,829	1,819	694	237	11,122	104,407	82,322	10,240	5,932	2,401	718	2,794
Engineering	26,015	11,215	794	775	2,378	61	10,792	20,512	8,974	512	560	1,758	44	8,664	5,503	2,241	282	215	620	17	2,128
Engineering-related technologies ¹	896	583	75	21	36	4	177	647	430	49	17	24	3	124	249	153	26	4	12	1	53
English language and literature/letters	7,268	5,897	349	243	250	43	486	2,326	1,931	275	74	85	80	17	139	4,942	3,966	275	158	170	347
Foreign languages and literatures	2,861	1,598	55	351	115	7	735	881	529	17	89	33	4	209	1,980	1,069	38	262	82	3	526
Health professions and related sciences	43,644	33,012	3,249	1,740	3,304	227	21,112	9,797	6,883	568	456	998	74	818	33,847	26,129	2,681	1,284	2,306	153	1,294
Home economics and vocational home economics	2,616	1,911	270	130	104	22	179	390	276	36	21	10	6	41	2,226	1,635	234	109	94	16	138
Law and legal studies	4,053	1,304	176	167	211	11	2,184	2,360	799	82	86	114	6	1,273	1,693	505	94	81	97	5	911
Liberal arts and sciences, general studies, and humanities	2,754	2,156	214	119	72	20	173	1,030	813	66	47	32	7	65	1,724	1,343	148	72	40	13	108
Library science	5,113	4,280	259	212	152	31	179	932	787	35	41	30	3	56	4,181	3,513	224	171	122	28	123
Mathematics	3,487	1,727	126	85	239	10	1,300	2,009	986	55	54	131	9	774	1,478	741	71	31	108	1	526
Multi/interdisciplinary studies	3,211	2,236	250	156	150	24	395	1,237	852	63	61	56	7	198	1,974	1,384	187	95	94	17	197
Parks, recreation, leisure and fitness studies	2,754	2,231	210	71	56	9	177	1,358	1,083	102	42	25	3	103	1,396	1,148	108	29	31	6	74
Philosophy and religion	1,334	1,063	60	36	64	4	107	830	647	37	22	42	3	79	504	416	23	14	22	1	28
Physical sciences and science technologies	5,034	3,056	149	148	267	21	1,393	3,142	1,916	74	91	146	11	904	1,892	1,140	75	57	121	10	489
Precision production trades	2	0	0	1	1	0	0	1	0	0	0	0	1	0	1	0	0	1	0	0	0
Protective services	2,935	2,119	482	159	59	25	91	1,613	1,222	205	88	29	12	57	1,322	897	277	71	30	13	34
Psychology	14,888	10,931	1,837	921	592	111	496	3,517	2,610	381	231	129	31	135	11,371	8,321	1,456	690	463	80	361
Public administration and services	25,448	16,889	4,386	1,743	882	228	1,320	6,505	4,145	1,010	446	215	53	636	18,943	12,744	3,376	1,297	667	175	684
Social sciences and history	14,112	8,660	1,022	670	570	80	3,110	6,941	4,328	403	295	227	38	1,650	7,171	4,332	619	375	343	42	1,460
Theological studies and religious vocations	4,952	3,570	334	164	276	10	598	3,064	2,178	178	105	165	6	432	1,888	1,392	156	59	111	4	166
Transportation and material moving workers	709	604	32	31	11	3	28	633	541	29	28	8	3	24	76	63	3	3	3	0	4
Visual and performing arts	11,595	7,906	508	437	577	54	2,113	4,912	3,464	230	228	194	24	772	6,663	4,442	278	209	363	30	1,341
Not classified by field of study	24	14	0	0	0	0	10	15	8	0	0	0	0	7	9	6	0	0	0	0	3

¹Excludes "Construction trades" which is listed separately.

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 269. Master's degrees conferred by degree-granting institutions, by sex, racial/ethnic group, and major field of study: 2000-01

Major field of study	Total										Men					Women					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	468,476	320,480	38,265	21,543	24,283	2,481	61,424	194,351	125,993	11,568	8,271	11,349	917	36,253	274,125	194,487	26,697	13,272	12,934	1,564	25,171
Agriculture and natural resources	4,281	3,271	126	100	119	24	641	2,254	1,737	65	45	43	16	348	2,027	1,534	61	55	76	8	293
Architecture and related programs	4,302	2,588	159	206	297	9	1,043	2,515	1,546	91	112	134	163	594	1,787	1,042	68	94	94	0	449
Area, ethnic, and cultural studies	1,601	977	105	130	122	23	244	622	400	29	53	45	7	88	979	577	76	77	16	16	156
Biological sciences/life sciences	6,344	4,283	329	282	558	31	861	2,689	1,836	98	134	247	16	358	2,447	2,447	231	148	311	15	503
Business	116,475	74,238	9,872	5,107	7,649	516	19,093	69,060	45,487	4,053	2,987	4,292	278	11,963	47,415	28,751	5,819	2,120	3,357	238	7,130
Communications	5,218	3,363	478	165	213	20	979	1,735	1,161	106	46	69	4	349	3,483	2,202	372	119	144	16	630
Communications technologies	533	322	41	14	40	0	116	265	171	13	8	21	0	52	268	151	28	6	19	6	64
Computer and information sciences	16,038	4,875	697	405	2,292	63	7,706	10,606	3,623	363	264	1,325	38	4,993	5,432	1,252	334	141	967	25	2,713
Construction trades	7	4	0	0	0	0	0	3	1	0	0	0	0	0	4	3	0	0	0	0	1
Education	129,066	102,752	12,148	7,157	2,831	845	3,333	30,238	24,132	2,736	1,709	615	209	837	98,828	78,620	9,412	5,448	2,216	636	2,496
Engineering	26,250	11,137	750	726	2,574	64	10,999	20,688	8,968	487	539	1,903	46	8,745	5,562	2,169	263	187	671	18	2,254
Engineering-related technologies ¹	851	568	80	32	32	3	136	609	415	47	27	24	2	94	242	153	33	5	8	1	42
English language and literature/letters	6,941	5,653	355	217	228	52	436	2,225	1,855	85	93	65	16	111	4,716	3,798	270	124	163	36	325
Foreign languages and literatures	2,801	1,566	60	327	135	5	708	874	531	22	92	27	2	200	1,927	1,035	38	235	108	3	508
Health professions and related sciences	43,617	33,571	3,085	1,685	2,990	214	2,072	9,975	7,198	498	428	935	54	762	33,742	26,373	2,587	1,257	2,055	160	1,310
Home economics and vocational home economics	2,801	2,059	253	145	104	15	225	416	290	32	31	12	2	49	2,385	1,769	221	114	92	13	176
Law and legal studies	3,829	1,451	183	143	192	12	1,848	2,227	883	87	78	103	5	1,071	1,602	568	96	65	89	7	777
Liberal arts and sciences, general studies, and humanities	3,193	2,587	215	111	67	28	185	1,137	931	63	35	32	16	60	2,056	1,656	152	76	35	12	125
Library science	4,727	4,071	251	131	116	19	139	971	807	49	36	27	4	48	3,756	3,264	202	95	89	15	91
Mathematics	3,373	1,676	128	77	227	10	1,255	1,962	1,962	75	43	111	7	753	1,411	703	53	34	116	3	502
Multi/interdisciplinary studies	2,960	2,176	208	138	113	24	301	1,159	838	63	43	42	9	164	1,801	1,338	145	95	71	15	137
Parks, recreation, leisure and fitness studies	2,487	2,036	172	59	65	12	143	1,197	974	83	29	33	6	72	1,290	1,062	89	30	32	6	71
Philosophy and religion	1,340	1,067	52	50	53	4	114	867	691	26	36	31	4	79	473	376	26	14	22	0	35
Physical sciences and science technologies	5,082	3,106	161	117	263	22	1,413	3,226	1,970	88	71	151	10	936	1,856	1,136	73	46	112	12	477
Precision production trades	2	2	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0
Protective services	2,514	1,868	367	133	75	13	58	1,429	1,134	148	68	42	3	34	1,085	734	219	65	33	10	24
Psychology	15,196	11,349	1,784	922	551	116	474	3,615	2,763	334	221	137	32	128	11,581	8,586	1,450	701	414	84	346
Public administration and services	25,268	16,950	4,270	1,740	931	176	1,201	6,544	4,233	977	426	254	43	611	18,724	12,717	3,293	1,314	677	133	590
R.O.T.C. and military technologies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social sciences and history	13,791	8,631	1,014	590	573	106	2,877	6,816	4,301	428	274	246	49	1,518	6,975	4,330	566	316	327	57	1,359
Theological studies and religious vocations	4,900	3,559	354	151	240	7	589	2,907	2,103	167	91	140	7	399	1,993	1,456	187	60	100	0	190
Transportation and material moving workers	756	641	32	33	18	7	25	679	576	27	31	18	6	21	77	65	5	2	0	1	4
Visual and performing arts	11,404	7,725	491	391	597	41	2,159	4,788	3,372	213	202	193	17	791	6,616	4,353	278	189	404	24	1,368
Not classified by field of study	528	358	45	59	18	0	48	152	92	15	19	3	0	23	376	266	30	40	15	0	25

¹ Excludes "Construction trades" which is listed separately.

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 survey. (This table was prepared October 2002.)

Table 270. Doctor's degrees conferred by degree-granting institutions, by racial/ethnic group and sex of student: Selected years, 1976-77 to 2001-02

Year	Number of degrees conferred ¹							Percentage distribution of degrees conferred						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total														
1976-77 ²	33,126	26,851	1,253	522	658	95	3,747	100.0	81.1	3.8	1.6	2.0	0.3	11.3
1978-79 ³	32,675	26,138	1,268	439	811	104	3,915	100.0	80.0	3.9	1.3	2.5	0.3	12.0
1980-81 ⁴	32,839	25,908	1,265	456	877	130	4,203	100.0	78.9	3.9	1.4	2.7	0.4	12.8
1984-85 ⁵	32,307	23,934	1,154	677	1,106	119	5,317	100.0	74.1	3.6	2.1	3.4	0.4	16.5
1986-87	34,041	24,434	1,057	751	1,098	105	6,596	100.0	71.8	3.1	2.2	3.2	0.3	19.4
1988-89 ⁶	35,659	24,884	1,066	629	1,323	85	7,672	100.0	69.8	3.0	1.8	3.7	0.2	21.5
1989-90	38,371	26,221	1,149	780	1,225	98	8,898	100.0	68.3	3.0	2.0	3.2	0.3	23.2
1990-91	39,294	25,855	1,248	757	1,504	106	9,824	100.0	65.8	3.2	1.9	3.8	0.3	25.0
1991-92	40,659	26,229	1,239	824	1,598	120	10,649	100.0	64.5	3.0	2.0	3.9	0.3	26.2
1992-93	42,132	26,816	1,350	824	1,578	107	11,457	100.0	63.6	3.2	2.0	3.7	0.3	27.2
1993-94	43,185	27,212	1,385	900	2,024	134	11,530	100.0	63.0	3.2	2.1	4.7	0.3	26.7
1994-95	44,446	27,846	1,667	984	2,689	130	11,130	100.0	62.7	3.8	2.2	6.1	0.3	25.0
1995-96	44,652	27,773	1,632	997	2,641	159	11,450	100.0	62.2	3.7	2.2	5.9	0.4	25.6
1996-97	45,876	28,596	1,865	1,120	2,667	175	11,453	100.0	62.3	4.1	2.4	5.8	0.4	25.0
1997-98	46,010	28,803	2,067	1,275	2,339	186	11,340	100.0	62.6	4.5	2.8	5.1	0.4	24.6
1998-99	44,077	27,838	2,136	1,302	2,299	194	10,308	100.0	63.2	4.8	3.0	5.2	0.4	23.4
1999-2000	44,808	27,843	2,246	1,305	2,420	160	10,834	100.0	62.1	5.0	2.9	5.4	0.4	24.2
2000-01	44,904	27,454	2,207	1,516	2,587	177	10,963	100.0	61.1	4.9	3.4	5.8	0.4	24.4
2001-02	44,160	26,905	2,397	1,432	2,317	180	10,929	100.0	60.9	5.4	3.2	5.2	0.4	24.7
Men														
1976-77 ²	25,036	20,032	766	383	540	67	3,248	100.0	80.0	3.1	1.5	2.2	0.3	13.0
1978-79 ³	23,488	18,433	734	294	646	69	3,312	100.0	78.5	3.1	1.3	2.8	0.3	14.1
1980-81 ⁴	22,595	17,310	694	277	655	95	3,564	100.0	76.6	3.1	1.2	2.9	0.4	15.8
1984-85 ⁵	21,296	15,017	561	431	802	64	4,421	100.0	70.5	2.6	2.0	3.8	0.3	20.8
1986-87	22,061	14,812	485	441	794	57	5,472	100.0	67.1	2.2	2.0	3.6	0.3	24.8
1988-89 ⁶	22,597	14,541	491	350	945	50	6,220	100.0	64.3	2.2	1.5	4.2	0.2	27.5
1989-90	24,401	15,314	531	419	865	49	7,223	100.0	62.8	2.2	1.7	3.5	0.2	29.6
1990-91	24,756	14,853	597	399	1,017	59	7,831	100.0	60.0	2.4	1.6	4.1	0.2	31.6
1991-92	25,557	14,956	584	465	1,088	66	8,398	100.0	58.5	2.3	1.8	4.3	0.3	32.9
1992-93	26,073	14,991	617	437	1,040	52	8,936	100.0	57.5	2.4	1.7	4.0	0.2	34.3
1993-94	26,552	15,159	627	463	1,373	66	8,864	100.0	57.1	2.4	1.7	5.2	0.2	33.4
1994-95	26,916	15,375	730	488	1,756	58	8,509	100.0	57.1	2.7	1.8	6.5	0.2	31.6
1995-96	26,841	15,112	727	514	1,692	80	8,716	100.0	56.3	2.7	1.9	6.3	0.3	32.5
1996-97	27,146	15,499	795	585	1,645	87	8,535	100.0	57.1	2.9	2.2	6.1	0.3	31.4
1997-98	26,664	15,399	824	652	1,392	83	8,314	100.0	57.8	3.1	2.4	5.2	0.3	31.2
1998-99	25,146	14,726	873	625	1,337	92	7,493	100.0	58.6	3.5	2.5	5.3	0.4	29.8
1999-2000	25,028	14,472	876	611	1,356	57	7,656	100.0	57.8	3.5	2.4	5.4	0.2	30.6
2000-01	24,728	13,937	855	687	1,453	76	7,720	100.0	56.4	3.5	2.8	5.9	0.3	31.2
2001-02	23,708	13,334	921	649	1,240	67	7,497	100.0	56.2	3.9	2.7	5.2	0.3	31.6
Women														
1976-77 ²	8,090	6,819	487	139	118	28	499	100.0	84.3	6.0	1.7	1.5	0.3	6.2
1978-79 ³	9,187	7,705	534	145	165	35	603	100.0	83.9	5.8	1.6	1.8	0.4	6.6
1980-81 ⁴	10,244	8,598	571	179	222	35	639	100.0	83.9	5.6	1.7	2.2	0.3	6.2
1984-85 ⁵	11,011	8,917	593	246	304	55	896	100.0	81.0	5.4	2.2	2.8	0.5	8.1
1986-87	11,980	9,622	572	310	304	48	1,124	100.0	80.3	4.8	2.6	2.5	0.4	9.4
1988-89 ⁶	13,062	10,343	575	279	378	35	1,452	100.0	79.2	4.4	2.1	2.9	0.3	11.1
1989-90	13,970	10,907	618	361	360	49	1,675	100.0	78.1	4.4	2.6	2.6	0.4	12.0
1990-91	14,538	11,002	651	358	487	47	1,993	100.0	75.7	4.5	2.5	3.3	0.3	13.7
1991-92	15,102	11,273	655	359	510	54	2,251	100.0	74.6	4.3	2.4	3.4	0.4	14.9
1992-93	16,059	11,825	733	387	538	55	2,521	100.0	73.6	4.6	2.4	3.4	0.3	15.7
1993-94	16,633	12,053	758	437	651	68	2,666	100.0	72.5	4.6	2.6	3.9	0.4	16.0
1994-95	17,530	12,471	937	496	933	72	2,621	100.0	71.1	5.3	2.8	5.3	0.4	15.0
1995-96	17,811	12,661	905	483	949	79	2,734	100.0	71.1	5.1	2.7	5.3	0.4	15.4
1996-97	18,730	13,097	1,070	535	1,022	88	2,918	100.0	69.9	5.7	2.9	5.5	0.5	15.6
1997-98	19,346	13,404	1,243	623	947	103	3,026	100.0	69.3	6.4	3.2	4.9	0.5	15.6
1998-99	18,931	13,112	1,263	677	962	102	2,815	100.0	69.3	6.7	3.6	5.1	0.5	14.9
1999-2000	19,780	13,371	1,370	694	1,064	103	3,178	100.0	67.6	6.9	3.5	5.4	0.5	16.1
2000-01	20,176	13,517	1,352	829	1,134	101	3,243	100.0	67.0	6.7	4.1	5.6	0.5	16.1
2001-02	20,452	13,571	1,476	783	1,077	113	3,432	100.0	66.4	7.2	3.8	5.3	0.6	16.8

¹ Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and law degrees.

² Excludes 106 men whose racial/ethnic group was not available.

³ Excludes 53 men and 2 women whose racial/ethnic group was not available.

⁴ Excludes 116 men and 3 women whose racial/ethnic group was not available.

⁵ Excludes 404 men and 232 women whose racial/ethnic group was not available.

⁶ Excludes 51 men and 10 women whose racial/ethnic group was not available.

NOTE: For years 1984-85 to 2001-02, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for stu-

dents whose race/ethnicity was not reported. Data for 1998-99 were imputed using alternative procedures. (See Guide to Sources for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys 1976-77 through 1984-85, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1986-87 through 1998-99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 271. Doctor's degrees conferred by degree-granting institutions, by sex, racial/ethnic group, and major field of study: 2001-02

Major field of study	Total				Men				Women												
	White, non-Hispanic	Black, non-Hispanic	Hispanic	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Total	Amer-Asian/Indian/Alaska Native	Asian/Pacific Islander	Hispanic	Amer-Asian/Indian/Alaska Native	Non-resident alien				
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	44,160	26,905	2,397	1,432	2,317	180	10,929	23,708	13,334	921	649	1,240	67	7,497	20,452	13,571	1,476	763	1,077	113	3,432
Agriculture and natural resources	1,166	562	19	25	24	0	536	775	355	12	15	15	0	378	391	207	7	10	9	0	158
Architecture and related programs	183	8	8	11	11	0	85	117	44	0	5	5	0	60	66	27	8	3	3	0	25
Area, ethnic, and cultural studies	216	125	33	11	15	3	29	107	65	14	7	6	0	15	109	60	19	4	9	3	14
Biological sciences/life sciences	4,489	2,691	117	127	401	14	1,139	2,500	1,520	54	53	209	9	655	1,989	1,171	63	74	192	5	484
Business	1,158	612	71	22	53	4	396	748	369	42	10	28	3	296	410	243	29	12	25	1	100
Communications	374	243	33	8	14	1	75	168	110	10	3	5	0	40	206	133	23	5	9	1	35
Communications technologies	9	0	0	0	0	0	3	0	0	0	0	0	0	0	9	6	0	0	0	0	0
Computer and information sciences	750	288	22	21	78	1	340	579	218	14	18	58	0	271	171	70	8	3	20	1	69
Education	6,967	4,938	900	312	180	54	583	2,335	1,665	252	99	54	16	249	4,632	3,273	648	213	126	38	334
Engineering	5,195	1,696	86	93	380	6	2,934	4,299	1,389	60	72	283	6	2,489	896	307	26	21	97	0	445
Engineering-related technologies	15	5	0	0	1	0	9	11	2	0	0	0	0	0	4	3	0	0	0	0	1
English language and literature/letters	1,446	1,101	74	49	56	10	156	600	468	24	24	23	5	66	846	643	50	25	33	5	90
Foreign languages and literatures	843	463	17	96	34	1	232	346	197	7	39	9	1	93	497	266	10	57	25	0	139
Health professions and related sciences	3,523	2,461	124	82	258	11	587	1,293	836	32	33	100	3	289	2,230	1,625	92	49	158	8	298
Home economics and vocational home economics	355	227	32	10	12	0	74	108	70	6	3	5	0	24	247	157	26	7	7	0	50
Law and legal studies	79	18	1	1	0	1	58	48	8	0	1	0	0	39	31	10	1	0	0	1	19
Liberal arts and sciences, general studies, and humanities	113	94	6	2	1	1	9	40	36	1	1	1	1	1	73	58	5	1	0	0	9
Library science	45	25	5	1	0	0	14	17	8	0	0	0	0	8	28	17	5	0	0	0	6
Mathematics	958	396	16	9	27	2	508	680	281	7	7	20	1	364	278	115	9	2	7	1	144
Multi/interdisciplinary studies	384	259	18	14	19	3	71	209	132	11	8	11	1	46	175	127	7	6	8	2	25
Parks, recreation, leisure and fitness studies	151	107	5	4	3	0	32	86	57	2	2	3	0	22	65	50	3	1	1	0	10
Philosophy and religion	606	466	17	13	23	1	86	437	330	6	13	17	1	70	169	136	11	0	6	0	16
Physical sciences and science technologies	3,803	2,054	77	68	196	9	1,399	2,740	1,459	44	48	138	5	1,046	1,063	595	33	20	58	4	353
Protective services	49	43	3	1	0	0	2	23	19	2	0	0	0	2	26	24	1	1	1	0	0
Psychology	4,341	3,454	257	263	192	28	147	1,379	1,131	52	77	56	8	55	2,962	2,323	205	186	136	20	92
Public administration and services	571	386	75	13	29	2	66	250	163	31	6	13	1	36	321	223	44	7	16	1	30
Social sciences and history	3,902	2,485	206	120	149	19	923	2,219	1,366	107	64	89	2	611	1,683	1,119	99	56	80	17	312
Theological studies and religious vocations	1,355	862	150	22	105	4	212	1,104	694	115	18	91	1	185	251	168	35	4	14	3	27
Visual and performing arts	1,114	767	25	37	56	5	224	490	352	16	21	18	3	80	624	415	9	16	38	2	144

NOTE: Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and law degrees. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Con- sultation Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

servation and renewable natural resources; and "Business" includes Business management and administrative serv- ices, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Edu- cation Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 272. Doctor's degrees conferred by degree-granting institutions, by sex, racial/ethnic group, and major field of study: 2000-01

Major field of study	Total						Men						Women								
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	44,904	27,454	2,207	1,516	2,587	177	10,963	24,728	13,937	855	687	1,453	76	7,720	20,176	13,517	1,352	829	1,134	101	3,243
Agriculture and natural resources	1,139	536	21	25	30	1	526	749	332	12	15	13	0	377	390	204	9	10	17	1	149
Architecture and related programs	153	80	1	1	1	12	1	83	38	2	2	1	8	33	70	42	4	0	4	4	0
Area, ethnic, and cultural studies	220	130	28	10	13	2	37	86	51	7	5	6	0	17	134	79	21	5	5	2	20
Biological sciences/life sciences	4,600	2,783	103	141	410	15	1,148	2,572	1,555	38	77	214	9	679	2,028	1,228	65	64	176	6	469
Business	1,180	646	79	34	68	3	350	783	403	46	17	50	1	266	397	243	33	17	18	2	84
Communications	368	245	27	12	13	0	71	189	123	10	5	5	0	46	179	122	17	7	8	0	25
Communications technologies	2	1	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	1
Computer and information sciences	768	314	10	13	57	1	373	632	253	6	8	44	0	321	136	61	4	5	13	1	52
Education	6,716	4,891	765	286	208	48	518	2,360	1,704	228	98	79	19	232	4,356	3,187	537	188	129	29	286
Engineering	5,558	1,939	103	90	418	10	2,998	4,639	1,600	71	65	335	7	2,561	919	339	32	25	53	3	437
Engineering-related technologies	19	7	0	0	1	0	11	16	4	0	0	0	1	0	3	3	0	0	0	0	0
English language and literature/letters	1,506	1,169	70	57	58	6	146	598	465	19	21	25	2	66	908	704	51	36	33	4	80
Foreign languages and literatures	894	511	14	97	37	1	234	348	198	4	36	12	0	98	546	313	10	61	25	1	136
Health professions and related sciences	2,855	1,835	105	87	250	10	568	1,116	650	25	37	112	3	289	1,739	1,185	80	50	138	7	279
Home economics and vocational home economics	388	264	34	12	8	1	69	106	72	5	4	4	0	21	282	192	29	8	4	1	48
Law and legal studies	286	161	10	22	32	1	60	147	81	2	7	23	1	33	139	80	8	15	9	0	27
Liberal arts and sciences, general studies, and humanities	102	86	3	4	2	1	6	50	40	2	2	1	4	4	52	46	1	2	2	0	2
Library science	58	37	4	2	2	0	13	20	10	0	0	0	0	10	38	27	4	2	2	0	3
Mathematics	1,024	435	19	20	60	2	488	729	313	11	12	48	1	344	295	122	8	8	12	1	144
Multi/interdisciplinary studies	413	279	22	15	28	2	67	209	141	10	7	11	0	40	204	138	12	8	17	2	27
Parks, recreation, leisure and fitness studies	177	131	9	2	6	0	29	97	75	4	1	4	0	13	80	56	5	1	2	0	16
Philosophy and religion	596	449	23	14	26	3	81	430	319	14	11	23	2	61	166	130	9	3	3	1	20
Physical sciences and science technologies	3,976	2,075	81	84	260	5	1,471	2,912	1,519	44	55	172	3	1,119	1,064	556	37	29	88	2	352
Protective services	44	37	1	1	1	1	3	28	24	0	0	1	0	2	16	13	1	0	0	0	1
Psychology	4,659	3,716	265	262	223	32	1,61	1,475	1,196	77	67	51	11	73	3,184	2,520	188	195	172	21	88
Public administration and services	574	368	68	22	38	4	74	263	152	31	14	11	1	54	311	216	37	8	27	3	20
Social sciences and history	3,930	2,503	174	143	152	19	939	2,302	1,399	91	81	82	9	640	1,628	1,104	83	62	70	10	299
Theological studies and religious vocations	1,469	937	125	33	113	4	257	1,186	762	77	24	103	2	218	283	175	48	9	10	2	39
Visual and performing arts	1,167	848	35	27	60	3	194	568	438	18	16	15	2	79	599	410	17	11	45	1	115
Not classified by field of study	63	41	3	0	1	1	17	34	19	1	0	0	1	13	29	22	2	0	1	0	4

NOTE: Includes Ph.D., Ed.D. and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and law degrees. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey. "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 survey. (This table was prepared October 2002.)

Table 273. First-professional degrees conferred by degree-granting institutions, by racial/ethnic group and sex of student: Selected years, 1976–77 to 2001–02

Year	Number of degrees conferred							Percentage distribution of degrees conferred						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total														
1976–77 ¹	63,953	58,422	2,537	1,076	1,021	196	701	100.0	91.4	4.0	1.7	1.6	0.3	1.1
1978–79 ²	68,611	62,430	2,836	1,283	1,205	216	641	100.0	91.0	4.1	1.9	1.8	0.3	0.9
1980–81 ³	71,340	64,551	2,931	1,541	1,456	192	669	100.0	90.5	4.1	2.2	2.0	0.3	0.9
1984–85 ⁴	71,057	63,219	3,029	1,884	1,816	248	861	100.0	89.0	4.3	2.7	2.6	0.3	1.2
1986–87	71,617	62,688	3,420	2,051	2,270	304	884	100.0	87.5	4.8	2.9	3.2	0.4	1.2
1988–89	70,856	61,214	3,148	2,269	2,976	264	985	100.0	86.4	4.4	3.2	4.2	0.4	1.4
1989–90	70,988	60,487	3,409	2,425	3,362	257	1,048	100.0	85.2	4.8	3.4	4.7	0.4	1.5
1990–91	71,948	60,631	3,588	2,547	3,835	261	1,086	100.0	84.3	5.0	3.5	5.3	0.4	1.5
1991–92	74,146	61,170	3,628	2,867	4,841	298	1,342	100.0	82.5	4.9	3.9	6.5	0.4	1.8
1992–93	75,387	61,165	4,132	2,996	5,176	370	1,548	100.0	81.1	5.5	4.0	6.9	0.5	2.1
1993–94	75,418	60,143	4,444	3,131	5,892	371	1,437	100.0	79.7	5.9	4.2	7.8	0.5	1.9
1994–95	75,800	59,402	4,747	3,231	6,396	413	1,611	100.0	78.4	6.3	4.3	8.4	0.5	2.1
1995–96	76,734	59,525	5,022	3,475	6,627	463	1,622	100.0	77.6	6.5	4.5	8.6	0.6	2.1
1996–97	78,730	60,280	5,301	3,615	7,374	514	1,646	100.0	76.6	6.7	4.6	9.4	0.7	2.1
1997–98	78,598	59,443	5,499	3,552	7,757	561	1,786	100.0	75.6	7.0	4.5	9.9	0.7	2.3
1998–99	78,439	58,720	5,333	3,864	8,152	612	1,758	100.0	74.9	6.8	4.9	10.4	0.8	2.2
1999–2000	80,057	59,637	5,555	3,865	8,584	564	1,852	100.0	74.5	6.9	4.8	10.7	0.7	2.3
2000–01	79,707	58,598	5,416	3,806	9,261	543	2,083	100.0	73.5	6.8	4.8	11.6	0.7	2.6
2001–02	80,698	58,874	5,811	3,965	9,584	581	1,883	100.0	73.0	7.2	4.9	11.9	0.7	2.3
Men														
1976–77 ¹	51,980	47,777	1,761	893	776	159	614	100.0	91.9	3.4	1.7	1.5	0.3	1.2
1978–79 ²	52,425	48,123	1,783	989	860	150	520	100.0	91.8	3.4	1.9	1.6	0.3	1.0
1980–81 ³	52,194	47,629	1,772	1,131	991	134	537	100.0	91.3	3.4	2.2	1.9	0.3	1.0
1984–85 ⁴	47,501	42,630	1,623	1,239	1,152	176	681	100.0	89.7	3.4	2.6	2.4	0.4	1.4
1986–87	46,523	41,149	1,835	1,303	1,420	183	633	100.0	88.4	3.9	2.8	3.1	0.4	1.4
1988–89	45,046	39,399	1,618	1,374	1,819	148	688	100.0	87.5	3.6	3.1	4.0	0.3	1.5
1989–90	43,961	38,036	1,671	1,449	1,962	135	708	100.0	86.5	3.8	3.3	4.5	0.3	1.6
1990–91	43,846	37,533	1,679	1,517	2,211	144	762	100.0	85.6	3.8	3.5	5.0	0.3	1.7
1991–92	45,071	37,849	1,645	1,695	2,775	159	948	100.0	84.0	3.6	3.8	6.2	0.4	2.1
1992–93	45,153	37,415	1,801	1,771	2,871	192	1,103	100.0	82.9	4.0	3.9	6.4	0.4	2.4
1993–94	44,707	36,574	1,902	1,780	3,214	222	1,015	100.0	81.8	4.3	4.0	7.2	0.5	2.3
1994–95	44,853	36,147	2,077	1,835	3,490	223	1,081	100.0	80.6	4.6	4.1	7.8	0.5	2.4
1995–96	44,748	35,786	2,112	1,947	3,539	256	1,108	100.0	80.0	4.7	4.4	7.9	0.6	2.5
1996–97	45,564	36,008	2,201	1,985	3,959	290	1,121	100.0	79.0	4.8	4.4	8.7	0.6	2.5
1997–98	44,911	35,172	2,310	1,973	4,017	291	1,148	100.0	78.3	5.1	4.4	8.9	0.6	2.6
1998–99	44,339	34,271	2,197	2,064	4,333	333	1,141	100.0	77.3	5.0	4.7	9.8	0.8	2.6
1999–2000	44,239	34,004	2,313	2,095	4,372	285	1,170	100.0	76.9	5.2	4.7	9.9	0.6	2.6
2000–01	42,862	32,717	2,110	1,977	4,518	278	1,262	100.0	76.3	4.9	4.6	10.5	0.6	2.9
2001–02	42,507	32,224	2,223	2,045	4,613	292	1,110	100.0	75.8	5.2	4.8	10.9	0.7	2.6
Women														
1976–77 ¹	11,973	10,645	776	183	245	37	87	100.0	88.9	6.5	1.5	2.0	0.3	0.7
1978–79 ²	16,186	14,307	1,053	294	345	66	121	100.0	88.4	6.5	1.8	2.1	0.4	0.7
1980–81 ³	19,146	16,922	1,159	410	465	58	132	100.0	88.4	6.1	2.1	2.4	0.3	0.7
1984–85 ⁴	23,556	20,589	1,406	645	664	72	180	100.0	87.4	6.0	2.7	2.8	0.3	0.8
1986–87	25,094	21,539	1,585	748	850	121	251	100.0	85.8	6.3	3.0	3.4	0.5	1.0
1988–89	25,810	21,815	1,530	895	1,157	116	297	100.0	84.5	5.9	3.5	4.5	0.4	1.2
1989–90	27,027	22,451	1,738	976	1,400	122	340	100.0	83.1	6.4	3.6	5.2	0.5	1.3
1990–91	28,102	23,098	1,909	1,030	1,624	117	324	100.0	82.2	6.8	3.7	5.8	0.4	1.2
1991–92	29,075	23,321	1,983	1,172	2,066	139	394	100.0	80.2	6.8	4.0	7.1	0.5	1.4
1992–93	30,234	23,750	2,331	1,225	2,305	178	445	100.0	78.6	7.7	4.1	7.6	0.6	1.5
1993–94	30,711	23,569	2,542	1,351	2,678	149	422	100.0	76.7	8.3	4.4	8.7	0.5	1.4
1994–95	30,947	23,255	2,670	1,396	2,906	190	530	100.0	75.1	8.6	4.5	9.4	0.6	1.7
1995–96	31,986	23,739	2,910	1,528	3,088	207	514	100.0	74.2	9.1	4.8	9.7	0.6	1.6
1996–97	33,166	24,272	3,100	1,630	3,415	224	525	100.0	73.2	9.3	4.9	10.3	0.7	1.6
1997–98	33,687	24,271	3,189	1,579	3,740	270	638	100.0	72.0	9.5	4.7	11.1	0.8	1.9
1998–99	34,100	24,449	3,136	1,800	3,819	279	617	100.0	71.7	9.2	5.3	11.2	0.8	1.8
1999–2000	35,818	25,633	3,242	1,770	4,212	279	682	100.0	71.6	9.1	4.9	11.8	0.8	1.9
2000–01	36,845	25,881	3,306	1,829	4,743	265	821	100.0	70.2	9.0	5.0	12.9	0.7	2.2
2001–02	38,191	26,650	3,588	1,920	4,971	289	773	100.0	69.8	9.4	5.0	13.0	0.8	2.0

¹ Excludes 394 men and 12 women whose racial/ethnic group was not available.² Excludes 227 men and 10 women whose racial/ethnic group was not available.³ Excludes 598 men and 18 women whose racial/ethnic group was not available.⁴ Excludes 2,954 men and 1,052 women whose racial/ethnic group was not available.

NOTE: For years 1984–85 to 2001–02, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Data for 1998–99 were imputed using alter-

native procedures. (See Guide to Sources for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys 1976–77 through 1984–85, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 274. First-professional degrees conferred by degree-granting institutions, by sex, racial/ethnic group, and major field of study: 2001–02

Major field of study	Total										Men					Women					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields	80,698	58,874	5,811	3,965	9,584	581	1,883	42,507	32,224	2,223	2,045	4,613	292	1,110	38,191	26,650	3,588	1,920	4,971	289	773
Dentistry (D.D.S. or D.M.D.)	4,239	2,630	155	173	974	26	281	2,608	1,730	63	98	540	20	157	1,631	900	92	75	434	6	124
Medicine (M.D.)	15,237	10,148	1,104	757	2,959	123	146	8,469	5,834	407	408	1,661	63	96	6,768	4,314	697	349	1,298	60	50
Optometry (O.D.)	1,280	800	22	40	344	8	66	565	399	10	10	109	4	33	715	401	12	30	235	4	33
Osteopathic medicine (D.O.)	2,416	1,825	97	67	414	10	3	1,415	1,112	39	37	221	4	2	1,001	713	58	30	193	6	1
Pharmacy (Pharm.D.)	7,076	4,551	570	229	1,501	57	168	2,428	1,613	190	97	440	27	61	4,648	2,938	380	132	1,061	30	107
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	474	332	38	15	71	7	11	315	229	16	12	43	5	10	159	103	22	3	28	2	1
Veterinary medicine (D.V.M.)	2,289	2,055	67	61	65	22	19	652	586	17	19	14	11	5	1,637	1,469	50	42	51	11	14
Chiropractic medicine (D.C. or D.C.M.)	3,284	2,426	116	121	354	20	247	2,248	1,672	63	86	251	11	165	1,036	754	53	35	103	9	82
Naturopathic medicine	227	200	4	2	11	1	9	69	64	2	0	3	0	0	158	136	2	2	8	1	9
Law (LL.B. or J.D.)	38,981	30,125	3,002	2,368	2,621	299	566	20,254	16,445	1,092	1,169	1,121	145	282	18,727	13,690	1,910	1,199	1,500	154	284
Theology (M.Div., M.H.L., B.D., or Ord.)	5,195	3,782	636	132	270	8	367	3,484	2,540	324	109	210	2	299	1,711	1,242	312	23	60	6	68

NOTE: Reported racial/ethnic distributions of students by level of degree, field of study, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 275. First-professional degrees conferred by degree-granting institutions, by sex, racial/ethnic group, and major field of study: 2000–01

Major field of study	Total										Men					Women					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields	79,707	58,598	5,416	3,806	9,261	543	2,083	42,862	32,717	2,110	1,977	4,518	278	1,262	36,845	25,881	3,306	1,829	4,743	265	821
Dentistry (D.D.S. or D.M.D.)	4,391	2,613	192	188	1,036	34	328	2,696	1,775	75	98	542	24	182	1,695	838	117	90	494	10	146
Medicine (M.D.)	15,403	10,284	1,085	787	2,888	88	271	8,728	6,065	401	437	1,621	45	159	6,675	4,219	684	350	1,267	43	112
Optometry (O.D.)	1,289	820	28	37	328	2	74	586	432	10	9	100	1	34	703	388	18	28	228	1	40
Osteopathic medicine (D.O.)	2,450	1,913	92	97	317	23	8	1,496	1,216	43	52	163	17	5	954	697	49	45	154	6	3
Pharmacy (Pharm.D.)	6,324	4,163	446	212	1,339	24	140	2,141	1,475	126	80	404	10	46	4,183	2,688	320	132	935	14	94
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	528	399	34	14	66	1	14	334	267	10	4	46	1	6	194	132	24	10	20	0	8
Veterinary medicine (D.V.M.)	2,248	2,048	55	62	52	20	11	679	637	6	16	12	5	3	1,569	1,411	49	46	40	15	8
Chiropractic medicine (D.C. or D.C.M.)	3,796	2,738	106	149	366	28	409	2,657	1,907	58	112	268	23	289	1,139	831	48	37	98	5	120
Naturopathic medicine	275	237	3	8	21	0	3	79	66	0	2	10	1	0	196	171	3	6	11	2	3
Law (LL.B. or J.D.)	37,904	29,619	2,773	2,126	2,584	303	499	19,981	16,326	1,058	1,060	1,137	141	259	17,923	13,293	1,715	1,066	1,447	162	240
Theology (M.Div., M.H.L., B.D., or Ord.)	5,026	3,731	588	118	261	15	313	3,419	2,523	310	100	212	8	266	1,607	1,208	278	18	49	7	47
Other	73	33	14	8	3	2	13	66	28	13	7	3	2	13	7	5	1	1	0	0	0

NOTE: Reported racial/ethnic distributions of students by level of degree, field of study, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 survey. (This table was prepared September 2002.)

Table 276. Earned degrees in agriculture and natural resources conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1970–71 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	12,672	12,136	536	2,457	2,313	144	1,086	1,055	31
1971–72	13,516	12,779	737	2,680	2,490	190	971	945	26
1975–76	19,402	15,845	3,557	3,340	2,862	478	928	867	61
1976–77	21,467	16,690	4,777	3,724	3,177	547	893	831	62
1977–78	22,650	17,069	5,581	4,023	3,268	755	971	909	62
1978–79	23,134	16,854	6,280	3,994	3,187	807	950	877	73
1979–80	22,802	16,045	6,757	3,976	3,082	894	991	879	112
1980–81	21,886	15,154	6,732	4,003	3,061	942	1,067	940	127
1981–82	21,029	14,443	6,586	4,163	3,114	1,049	1,079	925	154
1982–83	20,909	14,085	6,824	4,254	3,129	1,125	1,149	1,004	145
1983–84	19,317	13,206	6,111	4,178	2,989	1,189	1,172	1,001	171
1984–85	18,107	12,477	5,630	3,928	2,846	1,082	1,213	1,036	177
1985–86	16,823	11,544	5,279	3,801	2,701	1,100	1,158	966	192
1986–87	14,991	10,314	4,677	3,522	2,460	1,062	1,049	871	178
1987–88	14,222	9,744	4,478	3,479	2,427	1,052	1,142	926	216
1988–89	13,492	9,298	4,194	3,245	2,231	1,014	1,183	950	233
1989–90	12,900	8,822	4,078	3,382	2,239	1,143	1,295	1,038	257
1990–91	13,124	8,832	4,292	3,295	2,160	1,135	1,185	953	232
1991–92	15,124	9,869	5,255	3,735	2,413	1,322	1,214	963	251
1992–93	16,778	11,080	5,698	3,965	2,477	1,488	1,173	879	294
1993–94	18,070	11,748	6,322	4,119	2,515	1,604	1,278	982	296
1994–95	19,841	12,692	7,149	4,252	2,551	1,701	1,264	962	302
1995–96	21,431	13,535	7,896	4,569	2,650	1,919	1,271	935	336
1996–97	22,602	13,794	8,808	4,516	2,608	1,908	1,217	884	333
1997–98	23,284	13,809	9,475	4,475	2,552	1,923	1,302	931	371
1998–99	23,930	13,873	10,057	4,417	2,381	2,036	1,248	869	379
1999–2000	24,247	13,850	10,397	4,375	2,362	2,013	1,181	811	370
2000–01	23,382	12,845	10,537	4,281	2,254	2,027	1,139	749	390
2001–02	23,353	12,643	10,710	4,519	2,345	2,174	1,166	775	391

NOTE: Includes degrees in agricultural business and production; agricultural sciences; and conservation and renewable natural resources. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 277. Earned degrees in architecture and related programs conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	2,563	2,441	122	166	159	7	1	1	0
1959–60	1,801	1,744	57	319	305	14	17	17	0
1967–68	3,057	2,931	126	1,021	953	68	15	15	0
1969–70	4,105	3,888	217	1,427	1,260	167	35	33	2
1970–71	5,570	4,906	664	1,705	1,469	236	36	33	3
1971–72	6,440	5,667	773	1,899	1,626	273	50	43	7
1975–76	9,146	7,396	1,750	3,215	2,545	670	82	69	13
1976–77	9,222	7,249	1,973	3,213	2,489	724	73	62	11
1977–78	9,250	7,054	2,196	3,115	2,304	811	73	57	16
1978–79	9,273	6,876	2,397	3,113	2,226	887	96	74	22
1979–80	9,132	6,596	2,536	3,139	2,245	894	79	66	13
1980–81	9,455	6,800	2,655	3,153	2,234	919	93	73	20
1981–82	9,728	6,825	2,903	3,327	2,242	1,085	80	58	22
1982–83	9,823	6,403	3,420	3,357	2,224	1,133	97	74	23
1983–84	9,186	5,895	3,291	3,223	2,197	1,026	84	62	22
1984–85	9,325	6,019	3,306	3,275	2,148	1,127	89	66	23
1985–86	9,119	5,824	3,295	3,260	2,129	1,131	73	56	17
1986–87	8,950	5,617	3,333	3,163	2,086	1,077	92	66	26
1987–88	8,603	5,271	3,332	3,159	2,042	1,117	98	66	32
1988–89	9,150	5,545	3,605	3,383	2,192	1,191	86	63	23
1989–90	9,364	5,703	3,661	3,499	2,228	1,271	103	73	30
1990–91	9,781	5,788	3,993	3,490	2,244	1,246	135	101	34
1991–92	8,753	5,805	2,948	3,640	2,271	1,369	132	93	39
1992–93	9,167	5,940	3,227	3,808	2,376	1,432	148	105	43
1993–94	8,975	5,764	3,211	3,943	2,428	1,515	161	111	50
1994–95	8,756	5,741	3,015	3,923	2,310	1,613	141	95	46
1995–96	8,352	5,340	3,012	3,993	2,361	1,632	141	96	45
1996–97	7,944	5,090	2,854	4,034	2,336	1,698	135	93	42
1997–98	7,652	4,966	2,686	4,347	2,537	1,810	131	80	51
1998–99	8,246	5,157	3,089	4,172	2,394	1,778	123	80	43
1999–2000	8,462	5,193	3,269	4,268	2,508	1,760	129	85	44
2000–01	8,480	5,086	3,394	4,302	2,515	1,787	153	83	70
2001–02	8,808	5,224	3,584	4,566	2,606	1,960	183	117	66

NOTE: Prior to 1969–70, includes degrees in architecture. Beginning in 1969–70, includes degrees in architecture; city/urban, community, and regional planning; architectural environmental design; interior architecture; landscape architecture; architectural urban design and planning; and architecture and related programs, other. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 278. Earned degrees in the biological/life sciences conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1951–52 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1951–52	11,094	8,212	2,882	2,307	1,908	399	764	680	84
1953–54	9,279	6,710	2,569	1,610	1,287	323	1,077	977	100
1955–56	12,423	9,515	2,908	1,759	1,379	380	1,025	908	117
1965–66	26,916	19,368	7,548	4,232	3,085	1,147	2,097	1,792	305
1970–71	35,743	25,333	10,410	5,728	3,805	1,923	3,645	3,050	595
1971–72	37,293	26,323	10,970	6,101	4,087	2,014	3,653	3,031	622
1974–75	51,741	34,612	17,129	6,550	4,587	1,963	3,384	2,641	743
1975–76	54,275	35,520	18,755	6,582	4,497	2,085	3,392	2,663	729
1976–77	53,605	34,218	19,387	7,114	4,718	2,396	3,397	2,671	726
1977–78	51,502	31,705	19,797	6,806	4,400	2,406	3,309	2,511	798
1978–79	48,846	29,191	19,655	6,831	4,265	2,566	3,542	2,636	906
1979–80	46,370	26,828	19,542	6,510	4,098	2,412	3,636	2,690	946
1980–81	43,216	24,149	19,067	5,978	3,654	2,324	3,718	2,666	1,052
1981–82	41,639	22,754	18,885	5,874	3,426	2,448	3,743	2,654	1,089
1982–83	39,982	21,564	18,418	5,696	3,214	2,482	3,341	2,266	1,075
1983–84	38,640	20,558	18,082	5,406	2,996	2,410	3,437	2,381	1,056
1984–85	38,445	20,064	18,381	5,059	2,647	2,412	3,432	2,307	1,125
1985–86	38,524	19,993	18,531	5,013	2,616	2,397	3,358	2,229	1,129
1986–87	38,121	19,657	18,464	4,952	2,538	2,414	3,419	2,225	1,194
1987–88	36,755	18,245	18,510	4,784	2,423	2,361	3,629	2,349	1,280
1988–89	36,059	17,953	18,106	4,961	2,492	2,469	3,520	2,234	1,286
1989–90	37,204	18,312	18,892	4,869	2,395	2,474	3,844	2,394	1,450
1990–91	39,530	19,412	20,118	4,765	2,302	2,463	4,093	2,577	1,516
1991–92	42,941	20,798	22,143	4,785	2,301	2,484	4,243	2,620	1,623
1992–93	47,038	22,842	24,196	4,756	2,343	2,413	4,435	2,664	1,771
1993–94	51,383	25,050	26,333	5,196	2,465	2,731	4,534	2,690	1,844
1994–95	55,984	26,687	29,297	5,393	2,602	2,791	4,645	2,771	1,874
1995–96	60,994	28,849	32,145	6,157	2,902	3,255	4,780	2,773	2,007
1996–97	63,975	29,470	34,505	6,466	3,035	3,431	4,812	2,738	2,074
1997–98	65,868	29,589	36,279	6,261	2,981	3,280	4,961	2,852	2,109
1998–99	65,014	28,254	36,760	6,192	2,839	3,353	4,619	2,669	1,950
1999–2000	63,532	26,504	37,028	6,198	2,773	3,425	4,867	2,722	2,145
2000–01	60,553	24,549	36,004	6,344	2,689	3,655	4,600	2,572	2,028
2001–02	60,256	23,612	36,644	6,205	2,616	3,589	4,489	2,500	1,989

NOTE: Includes degrees in biology; biochemistry and biophysics; botany; cell and molecular biology; microbiology/bacteriology; zoology; and other biological sciences. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 279. Earned degrees in biology, microbiology, and zoology conferred by degree-granting institutions, by level of degree: Selected years, 1970–71 to 2001–02

Year	Biology, general			Microbiology ¹			Zoology ²		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1970–71	26,294	2,665	536	1,475	456	365	5,722	1,167	1,107
1971–72	27,473	2,943	580	1,548	470	351	5,522	1,189	1,094
1975–76	40,163	3,177	624	2,927	585	364	6,105	1,153	909
1976–77	39,530	3,322	608	2,884	659	325	5,608	1,168	950
1977–78	37,598	3,094	664	2,695	615	353	5,139	1,160	885
1978–79	35,962	3,093	663	2,670	597	395	4,913	1,109	938
1979–80	33,523	2,911	718	2,631	596	376	4,374	1,078	955
1980–81	31,323	2,598	734	2,414	482	370	3,946	1,090	946
1981–82	29,651	2,579	678	2,377	470	350	3,664	1,028	936
1982–83	28,022	2,354	521	2,306	446	331	3,453	918	809
1983–84	27,379	2,313	617	2,329	447	360	3,294	867	826
1984–85	27,593	2,130	658	2,180	413	302	3,128	778	802
1985–86	27,618	2,173	574	2,217	353	336	2,940	723	844
1986–87	27,465	2,022	537	2,098	390	337	2,858	740	787
1987–88	26,838	1,981	576	2,014	357	386	2,580	725	786
1988–89	26,229	2,097	527	1,780	411	356	2,582	736	744
1989–90	27,213	1,998	551	1,814	366	409	2,501	638	810
1990–91	29,285	1,956	632	1,757	324	419	2,673	640	833
1991–92	31,909	1,995	657	1,722	336	454	2,840	620	818
1992–93	34,932	2,000	671	1,769	328	520	3,071	637	786
1993–94	38,103	2,178	665	1,841	332	478	3,207	749	805
1994–95	41,658	2,350	729	1,908	295	443	3,206	689	767
1995–96	44,818	2,606	768	2,130	324	477	3,549	815	855
1996–97	46,632	2,742	693	2,417	326	455	3,526	875	807
1997–98	47,054	2,617	809	2,781	352	438	3,723	821	819
1998–99 ³	46,078	2,608	711	2,768	355	365	3,507	739	800
1999–2000	44,982	2,599	727	2,948	323	383	3,291	743	821
2000–01	42,310	2,582	780	2,694	289	386	3,119	736	694
2001–02	42,281	2,424	689	2,545	269	378	3,030	731	718

¹ Includes bacteriology.

² Includes general zoology; entomology; pathology; pharmacology; physiology; and zoology, other.

³ Data were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 280. Earned degrees in business conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1955–56 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1955–56	42,813	38,706	4,107	3,280	3,118	162	129	127	2
1959–60	51,076	47,262	3,814	4,643	4,476	167	135	133	2
1965–66	62,721	57,516	5,205	12,959	12,628	331	387	370	17
1967–68	79,074	72,126	6,948	17,795	17,186	609	441	427	14
1969–70	105,580	96,346	9,234	21,561	20,792	769	620	610	10
1970–71	114,729	104,275	10,454	25,977	24,967	1,010	757	736	21
1971–72	121,266	109,688	11,578	30,028	28,845	1,183	859	840	19
1975–76	142,034	113,954	28,080	42,054	37,145	4,909	900	851	49
1976–77	150,765	115,353	35,412	46,006	39,400	6,606	827	775	52
1977–78	159,691	116,171	43,520	47,837	39,743	8,094	823	753	70
1978–79	171,241	118,825	52,416	49,855	40,274	9,581	821	724	97
1979–80	184,867	122,508	62,359	54,484	42,288	12,196	753	642	111
1980–81	198,983	125,523	73,460	57,391	42,980	14,411	795	675	120
1981–82	213,374	129,262	84,112	60,763	43,807	16,956	815	668	147
1982–83	226,627	131,538	95,089	64,758	45,999	18,759	776	644	132
1983–84	229,478	129,559	99,919	66,150	46,178	19,972	929	730	199
1984–85	232,636	127,659	104,977	66,996	46,209	20,787	831	688	143
1985–86	237,319	128,780	108,539	66,689	45,938	20,751	934	729	205
1986–87	240,546	128,603	111,943	67,093	44,913	22,180	1,062	808	254
1987–88	243,021	129,552	113,469	69,230	45,980	23,250	1,063	810	253
1988–89	246,399	131,157	115,242	73,065	48,540	24,525	1,100	800	300
1989–90	248,698	132,329	116,369	76,676	50,585	26,091	1,093	818	275
1990–91	249,311	131,624	117,687	78,255	50,883	27,372	1,185	876	309
1991–92	256,603	135,440	121,163	84,642	54,705	29,937	1,242	953	289
1992–93	256,842	135,573	121,269	89,615	57,651	31,964	1,346	969	377
1993–94	246,654	129,161	117,493	93,437	59,335	34,102	1,364	980	384
1994–95	234,323	121,898	112,425	93,809	59,109	34,700	1,394	1,014	380
1995–96	227,102	116,842	110,260	93,982	58,685	35,297	1,368	974	394
1996–97	226,633	116,519	110,114	97,619	59,611	38,008	1,336	947	389
1997–98	233,119	120,069	113,050	102,171	62,713	39,458	1,290	885	405
1998–99	242,236	123,158	119,078	108,085	65,113	42,972	1,202	844	358
1999–2000	257,709	129,664	128,045	112,258	67,544	44,714	1,196	814	382
2000–01	265,746	133,856	131,890	116,475	69,060	47,415	1,180	783	397
2001–02	281,330	140,566	140,764	120,785	71,157	49,628	1,158	748	410

NOTE: Includes degrees in business management/administrative services; marketing operations/marketing and distribution; and consumer and personal services. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 281. Earned degrees in communications conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1970–71 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	10,802	6,989	3,813	1,856	1,214	642	145	126	19
1971–72	12,340	7,964	4,376	2,200	1,443	757	111	96	15
1975–76	21,282	12,458	8,824	3,126	1,818	1,308	204	154	50
1976–77	23,214	12,932	10,282	3,091	1,719	1,372	171	130	41
1977–78	25,400	13,480	11,920	3,296	1,673	1,623	191	138	53
1978–79	26,457	13,266	13,191	2,882	1,483	1,399	192	138	54
1979–80	28,616	13,656	14,960	3,082	1,527	1,555	193	121	72
1980–81	31,282	14,179	17,103	3,105	1,448	1,657	182	107	75
1981–82	34,222	14,917	19,305	3,327	1,578	1,749	200	136	64
1982–83	38,567	16,161	22,406	3,604	1,661	1,943	214	126	88
1983–84	40,113	16,604	23,509	3,656	1,600	2,056	219	131	88
1984–85	42,002	17,175	24,827	3,669	1,576	2,093	234	143	91
1985–86	43,076	17,639	25,437	3,823	1,610	2,213	223	116	107
1986–87	45,337	18,110	27,227	3,893	1,590	2,303	275	158	117
1987–88	46,649	18,527	28,122	3,925	1,568	2,357	234	134	100
1988–89	48,609	19,215	29,394	4,257	1,737	2,520	253	138	115
1989–90	51,308	20,218	31,090	4,362	1,707	2,655	273	145	128
1990–91	52,773	20,645	32,128	4,336	1,711	2,625	274	151	123
1991–92	54,977	21,497	33,480	4,464	1,692	2,772	255	132	123
1992–93	54,706	22,028	32,678	5,209	1,980	3,229	301	146	155
1993–94	51,827	21,359	30,468	5,419	2,098	3,321	345	174	171
1994–95	48,803	20,404	28,399	5,609	2,108	3,501	321	162	159
1995–96	48,003	19,760	28,243	5,604	2,171	3,433	345	190	155
1996–97	47,768	19,688	28,080	5,601	2,004	3,597	300	155	145
1997–98	50,114	20,014	30,100	6,175	2,392	3,783	359	171	188
1998–99	52,319	20,861	31,458	5,618	2,032	3,586	352	183	169
1999–2000	56,910	22,063	34,847	5,605	2,059	3,546	357	168	189
2000–01	59,063	22,464	36,599	5,751	2,000	3,751	370	190	180
2001–02	63,901	23,613	40,288	6,059	2,201	3,858	383	168	215

NOTE: Includes degrees in communications, general; advertising; journalism; broadcast journalism; public relations and organizational communications; radio and television broadcasting; other communications; and communications technologies. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 282. Earned degrees in computer and information sciences conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1970–71 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	2,388	2,064	324	1,588	1,424	164	128	125	3
1971–72	3,402	2,941	461	1,977	1,752	225	167	155	12
1975–76	5,652	4,534	1,118	2,603	2,226	377	244	221	23
1976–77	6,407	4,876	1,531	2,798	2,332	466	216	197	19
1977–78	7,201	5,349	1,852	3,038	2,471	567	196	181	15
1978–79	8,719	6,272	2,447	3,055	2,480	575	236	206	30
1979–80	11,154	7,782	3,372	3,647	2,883	764	240	213	27
1980–81	15,121	10,202	4,919	4,218	3,247	971	252	227	25
1981–82	20,267	13,218	7,049	4,935	3,625	1,310	251	230	21
1982–83	24,510	15,606	8,904	5,321	3,813	1,508	262	228	34
1983–84	32,172	20,246	11,926	6,190	4,379	1,811	251	225	26
1984–85	38,878	24,579	14,299	7,101	5,064	2,037	248	223	25
1985–86	41,889	26,923	14,966	8,070	5,658	2,412	344	299	45
1986–87	39,589	25,865	13,724	8,481	5,985	2,496	374	322	52
1987–88	34,523	23,331	11,192	9,197	6,726	2,471	428	380	48
1988–89	30,454	21,087	9,367	9,414	6,775	2,639	551	466	85
1989–90	27,257	19,117	8,140	9,677	6,960	2,717	627	534	93
1990–91	25,083	17,726	7,357	9,324	6,563	2,761	676	584	92
1991–92	24,557	17,510	7,047	9,530	6,884	2,646	772	669	103
1992–93	24,200	17,403	6,797	10,163	7,410	2,753	805	689	116
1993–94	24,200	17,317	6,883	10,416	7,724	2,692	810	685	125
1994–95	24,404	17,463	6,941	10,326	7,627	2,699	884	723	161
1995–96	24,098	17,468	6,630	10,151	7,444	2,707	867	741	126
1996–97	24,768	18,037	6,731	10,098	7,248	2,850	857	721	136
1997–98	26,852	19,686	7,166	11,246	7,987	3,259	858	718	140
1998–99	29,345	21,392	7,953	12,250	8,458	3,792	800	649	151
1999–2000	36,195	26,042	10,153	14,264	9,512	4,752	777	646	131
2000–01	41,954	30,347	11,607	16,038	10,606	5,432	768	632	136
2001–02	47,299	34,248	13,051	16,113	10,753	5,360	750	579	171

NOTE: Includes degrees in computer and information sciences, general; computer programming; data processing technology/technician; information science and systems; computer systems analysis; and other computer and information sciences. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 283. Earned degrees in education conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	61,472	31,398	30,074	20,069	12,025	8,044	953	797	156
1959–60	89,002	25,556	63,446	33,433	18,057	15,376	1,591	1,279	312
1967–68	133,965	31,926	102,039	63,399	30,672	32,727	4,078	3,250	828
1969–70	163,964	40,420	123,544	78,020	34,832	43,188	5,588	4,479	1,109
1970–71	176,307	44,896	131,411	87,666	38,365	49,301	6,041	4,771	1,270
1971–72	190,880	49,344	141,536	96,668	41,141	55,527	6,648	5,104	1,544
1975–76	154,437	42,004	112,433	126,061	44,831	81,230	7,202	4,826	2,376
1976–77	143,234	39,867	103,367	124,267	42,308	81,959	7,338	4,832	2,506
1977–78	135,821	37,410	98,411	116,916	37,662	79,254	7,018	4,281	2,737
1978–79	125,873	33,743	92,130	109,866	34,410	75,456	7,170	4,174	2,996
1979–80	118,038	30,901	87,137	101,819	30,300	71,519	7,314	4,100	3,214
1980–81	108,074	27,039	81,035	96,713	27,548	69,165	7,279	3,843	3,436
1981–82	100,932	24,380	76,552	91,601	25,339	66,262	6,999	3,612	3,387
1982–83	97,895	23,644	74,251	83,250	22,823	60,427	7,057	3,547	3,510
1983–84	92,299	22,195	70,104	75,664	21,142	54,522	6,911	3,446	3,465
1984–85	88,072	21,252	66,820	74,654	20,537	54,117	6,612	3,172	3,440
1985–86	87,114	20,959	66,155	74,801	20,295	54,506	6,605	3,088	3,517
1986–87	86,936	20,729	66,207	74,045	19,293	54,752	6,407	2,931	3,476
1987–88	91,112	20,988	70,124	76,566	19,108	57,458	6,060	2,739	3,321
1988–89	96,913	21,662	75,251	81,174	19,956	61,218	6,337	2,704	3,633
1989–90	105,112	23,007	82,105	84,881	20,467	64,414	6,502	2,776	3,726
1990–91	110,807	23,417	87,390	87,343	20,448	66,895	6,187	2,613	3,574
1991–92	108,006	22,686	85,320	92,668	21,244	71,424	6,864	2,783	4,081
1992–93	107,781	23,233	84,548	96,028	22,197	73,831	7,030	2,867	4,163
1993–94	107,600	24,450	83,150	98,938	23,008	75,930	6,908	2,706	4,202
1994–95	106,079	25,641	80,438	101,242	23,806	77,436	6,905	2,621	4,284
1995–96	105,509	26,233	79,276	106,253	25,214	81,039	6,676	2,525	4,151
1996–97	105,233	26,271	78,962	110,087	25,806	84,281	6,751	2,512	4,239
1997–98	105,968	26,302	79,666	114,691	27,070	87,621	6,729	2,479	4,250
1998–99	107,172	26,226	80,946	119,427	28,263	91,164	6,841	2,423	4,418
1999–2000	108,168	26,124	82,044	124,240	29,321	94,919	6,830	2,419	4,411
2000–01	105,566	24,592	80,974	129,066	30,238	98,828	6,716	2,360	4,356
2001–02	106,383	24,051	82,332	136,579	32,172	104,407	6,967	2,335	4,632

NOTE: Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 284. Earned degrees in engineering conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	52,246	52,071	175	4,496	4,481	15	417	416	1
1959–60	37,679	37,537	142	7,159	7,133	26	786	783	3
1969–70	44,479	44,149	330	15,593	15,421	172	3,681	3,657	24
1970–71	50,046	49,646	400	16,443	16,258	185	3,638	3,615	23
1971–72	51,164	50,638	526	16,960	16,688	272	3,671	3,649	22
1975–76	46,331	44,871	1,460	16,342	15,760	582	2,821	2,755	66
1976–77	49,283	47,065	2,218	16,245	15,525	720	2,586	2,513	73
1977–78	55,654	51,945	3,709	16,398	15,533	865	2,440	2,383	57
1978–79	62,375	57,201	5,174	15,495	14,544	951	2,506	2,423	83
1979–80	68,893	62,488	6,405	16,243	15,101	1,142	2,507	2,412	95
1980–81	75,000	67,301	7,699	16,709	15,347	1,362	2,561	2,457	104
1981–82	80,005	70,899	9,106	17,939	16,311	1,628	2,636	2,496	140
1982–83	89,018	78,096	10,922	19,344	17,548	1,796	2,831	2,706	125
1983–84	94,185	82,092	12,093	20,655	18,500	2,155	2,981	2,816	165
1984–85	95,828	83,232	12,596	21,555	19,247	2,308	3,230	3,022	208
1985–86	95,660	83,117	12,543	21,657	19,165	2,492	3,410	3,181	229
1986–87	92,816	80,104	12,712	22,654	19,804	2,850	3,818	3,555	263
1987–88	88,506	76,372	12,134	23,385	20,476	2,909	4,191	3,898	293
1988–89	85,002	73,436	11,566	24,568	21,374	3,194	4,523	4,123	400
1989–90	81,322	70,071	11,251	24,772	21,357	3,415	4,981	4,536	445
1990–91	78,650	67,738	10,912	24,958	21,430	3,528	5,272	4,787	485
1991–92	77,541	66,716	10,825	25,977	22,143	3,834	5,499	4,972	527
1992–93	78,051	66,836	11,215	28,726	24,454	4,272	5,843	5,283	560
1993–94	78,225	66,597	11,628	29,754	25,154	4,600	5,979	5,315	664
1994–95	78,154	65,933	12,221	29,670	24,836	4,834	6,128	5,399	729
1995–96	77,437	64,956	12,481	28,566	23,641	4,925	6,380	5,580	800
1996–97	75,157	62,648	12,509	26,827	21,928	4,899	6,210	5,446	764
1997–98	73,910	61,440	12,470	27,088	21,698	5,390	5,994	5,261	733
1998–99	71,904	59,187	12,717	26,558	21,268	5,290	5,427	4,649	778
1999–2000	72,555	59,145	13,410	26,522	20,968	5,554	5,390	4,555	835
2000–01	72,287	59,110	13,177	27,108	21,300	5,808	5,577	4,655	922
2001–02	73,964	59,990	13,974	26,920	21,167	5,753	5,210	4,310	900

NOTE: Includes degrees in engineering; engineering-related technologies; construction trades; and mechanics and repairers from 1969–70 through 2001–02. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 285. Earned degrees in chemical, civil, electrical, and mechanical engineering conferred by degree-granting institutions, by level of degree: Selected years, 1970–71 to 2001–02

Year	Chemical engineering			Civil engineering			Electrical, electronics, and communications engineering			Mechanical engineering		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
1970–71	3,579	1,100	406	6,526	2,425	446	12,198	4,282	879	8,858	2,237	438
1971–72	3,625	1,154	394	6,803	2,487	415	12,101	4,206	824	8,530	2,282	411
1975–76	3,140	1,031	308	7,923	2,999	370	9,791	3,774	649	6,800	1,907	305
1976–77	3,524	1,086	291	8,228	2,964	309	9,936	3,788	566	7,703	1,952	283
1977–78	4,569	1,235	259	9,135	2,685	277	11,133	3,740	503	8,875	1,942	279
1978–79	5,568	1,149	304	9,809	2,646	253	12,338	3,591	586	10,107	1,877	271
1979–80	6,320	1,270	284	10,326	2,683	270	13,821	3,836	525	11,808	2,060	281
1980–81	6,527	1,267	300	10,678	2,891	325	14,938	3,901	535	13,329	2,291	276
1981–82	6,740	1,285	311	10,524	2,995	329	16,455	4,462	526	13,922	2,399	333
1982–83	7,185	1,368	319	9,989	3,074	340	18,049	4,531	550	15,675	2,511	299
1983–84	7,475	1,514	330	9,693	3,146	369	19,943	5,078	585	16,629	2,797	319
1984–85	7,146	1,544	418	9,162	3,172	377	21,691	5,153	660	16,794	3,053	409
1985–86	5,877	1,361	446	8,679	2,926	395	23,742	5,534	722	16,194	3,075	426
1986–87	4,991	1,184	497	8,147	2,901	451	24,547	6,183	724	15,450	3,198	528
1987–88	3,917	1,088	579	7,488	2,836	481	23,597	6,688	860	14,900	3,329	596
1988–89	3,663	1,093	602	7,312	2,903	505	21,908	7,028	998	14,843	3,498	633
1989–90	3,430	1,035	562	7,252	2,812	516	20,711	7,225	1,162	14,336	3,424	742
1990–91	3,444	903	611	7,314	2,927	536	19,320	7,095	1,220	13,977	3,516	757
1991–92	3,754	956	590	8,034	3,113	540	17,958	7,360	1,282	14,067	3,653	851
1992–93	4,459	990	595	8,868	3,610	577	17,281	7,870	1,413	14,464	3,982	871
1993–94	5,163	1,032	604	9,479	3,873	651	15,823	7,791	1,470	15,030	4,099	887
1994–95	5,901	1,085	571	9,927	4,077	625	14,929	7,693	1,543	14,794	4,213	890
1995–96	6,319	1,176	670	10,607	3,905	616	13,900	7,103	1,591	14,177	3,881	940
1996–97	6,564	1,131	650	10,437	3,833	640	13,336	6,393	1,512	13,493	3,608	913
1997–98	6,319	1,128	652	9,926	3,795	610	12,995	6,737	1,458	13,071	3,441	933
1998–99	6,033	1,130	572	9,121	3,648	543	12,531	6,690	1,303	12,705	3,258	774
1999–2000	5,807	1,078	590	8,136	3,433	543	12,930	6,926	1,392	12,807	3,273	776
2000–01	5,611	1,083	610	7,588	3,310	571	13,091	6,815	1,417	12,817	3,371	849
2001–02	5,462	973	605	7,665	3,295	574	13,056	6,587	1,235	13,058	3,391	772

NOTE: From 1970–71 to 1981–82, civil engineering includes construction and transportation engineering. Degrees in engineering-related technologies are not included in this tabulation. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 286. Earned degrees in English language and literature/letters conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	17,240	8,221	9,019	2,259	1,320	939	230	181	49
1959–60	20,128	7,580	12,548	2,931	1,458	1,473	397	314	83
1969–70	56,410	18,650	37,760	8,517	3,326	5,191	1,213	837	376
1970–71	64,342	22,155	42,187	10,686	4,211	6,475	1,650	1,175	475
1971–72	63,976	22,657	41,319	10,579	4,123	6,456	1,826	1,233	593
1975–76	42,006	16,073	25,933	8,809	3,383	5,426	1,672	967	705
1976–77	37,794	14,295	23,499	8,016	2,985	5,031	1,508	841	667
1977–78	35,328	13,137	22,191	7,655	2,706	4,949	1,400	758	642
1978–79	33,561	12,198	21,363	6,684	2,369	4,315	1,314	708	606
1979–80	32,541	11,380	21,161	6,189	2,233	3,956	1,294	686	608
1980–81	32,254	11,198	21,056	5,929	2,092	3,837	1,164	553	611
1981–82	33,419	11,414	22,005	5,772	1,983	3,789	1,101	511	590
1982–83	31,829	10,859	20,970	5,048	1,710	3,338	991	471	520
1983–84	32,834	11,170	21,664	5,010	1,736	3,274	1,018	459	559
1984–85	33,218	11,334	21,884	5,187	1,786	3,401	1,041	470	571
1985–86	34,552	11,819	22,733	5,518	1,881	3,637	991	428	563
1986–87	36,284	12,353	23,931	5,483	1,891	3,592	961	415	546
1987–88	38,661	12,836	25,825	5,562	1,870	3,692	981	428	553
1988–89	42,470	13,927	28,543	5,950	2,002	3,948	1,022	458	564
1989–90	47,519	15,662	31,857	6,567	2,205	4,362	1,078	480	598
1990–91	51,841	17,146	34,695	7,026	2,296	4,730	1,184	517	667
1991–92	54,951	18,536	36,415	7,450	2,513	4,937	1,273	537	736
1992–93	56,133	19,247	36,886	7,790	2,667	5,123	1,341	550	791
1993–94	53,924	18,425	35,499	7,885	2,712	5,173	1,344	568	776
1994–95	51,901	17,810	34,091	7,845	2,764	5,081	1,561	665	896
1995–96	50,698	17,253	33,445	7,893	2,814	5,079	1,535	590	945
1996–97	49,345	16,531	32,814	7,722	2,733	4,989	1,575	670	905
1997–98	49,708	16,477	33,231	7,795	2,643	5,152	1,639	670	969
1998–99	50,535	16,490	34,045	7,478	2,504	4,974	1,540	612	928
1999–2000	50,920	16,341	34,579	7,230	2,393	4,837	1,628	671	957
2000–01	51,419	16,257	35,162	6,941	2,225	4,716	1,506	598	908
2001–02	53,162	16,704	36,458	7,268	2,326	4,942	1,446	600	846

NOTE: Includes degrees conferred in English language and literature, general; comparative literature; English composition; English creative writing; American literature; English literature; speech and rhetorical studies; English technical and business writing; and English language and literature/letters, other. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 287. Earned degrees in modern foreign languages and literatures conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	4,477	1,746	2,731	919	456	463	168	135	33
1959–60	4,527	1,548	2,979	832	392	440	150	100	50
1969–70	19,457	4,921	14,536	4,154	1,476	2,678	590	369	221
1970–71	19,055	4,734	14,321	4,407	1,492	2,915	703	425	278
1971–72	18,137	4,445	13,692	4,277	1,449	2,828	753	466	287
1975–76	15,079	3,495	11,584	3,359	1,095	2,264	830	429	401
1976–77	13,626	3,225	10,401	2,986	886	2,100	728	347	381
1977–78	12,448	2,938	9,510	2,653	768	1,885	626	282	344
1978–79	11,531	2,705	8,826	2,338	685	1,653	625	287	338
1979–80	10,816	2,583	8,233	2,152	628	1,524	522	217	305
1980–81	10,050	2,402	7,648	2,018	657	1,361	556	259	297
1981–82	9,576	2,278	7,298	1,913	571	1,342	495	220	275
1982–83	9,334	2,343	6,991	1,597	528	1,069	451	183	268
1983–84	9,152	2,399	6,753	1,640	512	1,128	424	191	233
1984–85	9,675	2,529	7,146	1,611	503	1,108	387	156	231
1985–86	9,808	2,685	7,123	1,655	482	1,173	426	173	253
1986–87	9,858	2,655	7,203	1,692	491	1,201	403	162	241
1987–88	9,790	2,628	7,162	1,795	564	1,231	380	159	221
1988–89	10,498	2,767	7,731	1,821	552	1,269	389	145	244
1989–90	11,092	2,902	8,190	1,931	584	1,347	475	183	292
1990–91	11,724	3,207	8,517	1,973	595	1,378	477	200	277
1991–92	12,367	3,390	8,977	2,119	652	1,467	537	222	315
1992–93	12,819	3,537	9,282	2,353	744	1,609	535	210	325
1993–94	12,785	3,672	9,113	2,343	712	1,631	578	208	370
1994–95	12,309	3,666	8,643	2,306	688	1,618	626	250	376
1995–96	13,020	3,916	9,104	2,443	789	1,654	636	261	375
1996–97	12,256	3,553	8,703	2,229	668	1,561	622	247	375
1997–98	12,769	3,679	9,090	2,064	612	1,452	628	253	375
1998–99	13,268	3,835	9,433	1,964	578	1,386	591	231	360
1999–2000	13,172	3,666	9,506	1,900	564	1,336	614	237	377
2000–01	13,260	3,656	9,604	1,923	574	1,349	605	214	391
2001–02	13,242	3,645	9,597	1,947	563	1,384	594	233	361

NOTE: Includes degrees conferred in a single language or a combination of modern foreign languages. Excludes degrees in linguistics, Latin, classics, ancient and medieval Greek, and other foreign languages. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 288. Earned degrees in French, German, and Spanish conferred by degree-granting institutions, by level of degree: Selected years, 1949–50 to 2001–02

Year	French			German			Spanish		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1949–50	1,471	299	53	540	121	40	2,122	373	34
1959–60	1,927	316	58	659	126	21	1,610	261	31
1967–68	7,068	1,301	152	2,368	771	117	6,381	1,188	123
1969–70	7,624	1,409	181	2,652	669	118	7,226	1,372	139
1970–71	7,306	1,437	192	2,601	690	144	7,068	1,456	168
1971–72	6,822	1,421	193	2,477	608	167	6,847	1,421	152
1974–75	5,745	1,077	200	2,289	480	147	6,719	1,228	202
1975–76	4,783	914	190	1,983	471	164	5,984	1,080	176
1976–77	4,228	875	177	1,820	394	126	5,359	930	153
1977–78	3,708	692	155	1,647	357	101	4,832	822	113
1978–79	3,558	576	143	1,524	344	106	4,563	720	118
1979–80	3,285	513	128	1,466	309	94	4,331	685	103
1980–81	3,178	460	115	1,286	294	79	3,870	592	131
1981–82	3,054	485	92	1,327	324	76	3,633	568	140
1982–83	2,871	360	106	1,367	281	68	3,349	506	129
1983–84	2,876	418	86	1,292	241	63	3,254	537	102
1984–85	2,991	385	74	1,411	240	58	3,415	505	115
1985–86	3,015	409	86	1,396	249	73	3,385	521	95
1986–87	3,062	421	85	1,366	234	70	3,450	504	104
1987–88	3,082	437	89	1,350	244	71	3,416	553	93
1988–89	3,297	444	83	1,428	263	59	3,748	552	101
1989–90	3,259	478	115	1,437	253	67	4,176	573	108
1990–91	3,355	480	98	1,543	242	58	4,480	609	125
1991–92	3,371	465	112	1,616	273	85	4,768	647	143
1992–93	3,280	513	98	1,572	317	86	5,233	667	145
1993–94	3,094	479	104	1,580	298	61	5,505	691	160
1994–95	2,764	470	118	1,352	278	83	5,602	709	161
1995–96	2,655	446	113	1,290	305	75	5,995	769	151
1996–97	2,468	414	119	1,214	281	80	6,161	677	175
1997–98	2,530	389	104	1,181	209	94	6,595	781	160
1998–99	2,555	357	116	1,246	238	77	6,964	694	152
1999–2000	2,514	343	129	1,125	184	76	7,031	718	175
2000–01	2,371	376	115	1,143	242	73	7,164	716	185
2001–02	2,396	356	89	1,092	208	64	7,243	792	193

NOTE: Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 289. Earned degrees in the health professions and related sciences conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1970–71 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	25,226	5,788	19,438	5,749	2,567	3,182	466	389	77
1971–72	28,611	7,005	21,606	7,207	3,141	4,066	442	362	80
1975–76	53,958	11,456	42,502	12,556	4,217	8,339	577	411	166
1976–77	57,328	11,947	45,381	12,951	4,163	8,788	538	366	172
1977–78	59,434	11,593	47,841	14,325	4,265	10,060	654	402	252
1978–79	62,085	11,205	50,880	15,485	4,494	10,991	718	454	264
1979–80	63,920	11,391	52,529	15,704	4,357	11,347	786	435	351
1980–81	63,649	10,519	53,130	16,515	4,316	12,199	842	475	367
1981–82	63,653	10,105	53,548	16,503	4,006	12,497	925	503	422
1982–83	64,685	10,218	54,467	17,047	4,235	12,812	1,155	649	506
1983–84	64,288	10,040	54,248	17,411	4,251	13,160	1,164	574	590
1984–85	64,422	9,741	54,681	17,385	4,119	13,266	1,199	565	634
1985–86	64,396	9,630	54,766	18,573	4,428	14,145	1,241	604	637
1986–87	63,103	9,134	53,969	18,394	3,874	14,520	1,213	564	649
1987–88	60,644	8,929	51,715	18,657	4,047	14,610	1,261	548	713
1988–89	59,005	8,872	50,133	19,268	4,226	15,042	1,437	609	828
1989–90	58,302	9,118	49,184	20,321	4,534	15,787	1,536	704	832
1990–91	59,070	9,596	49,474	21,200	4,444	16,756	1,613	694	919
1991–92	61,720	10,189	51,531	23,065	4,691	18,374	1,661	698	963
1992–93	67,089	11,347	55,742	25,718	5,227	20,491	1,767	753	1,014
1993–94	74,421	13,062	61,359	28,025	5,814	22,211	1,902	789	1,113
1994–95	79,855	14,443	65,412	31,243	6,754	24,489	2,069	867	1,202
1995–96	84,036	15,432	68,604	33,398	7,021	26,377	2,119	919	1,200
1996–97	85,631	15,877	69,754	35,958	7,702	28,256	2,672	1,176	1,496
1997–98	84,379	15,082	69,297	39,260	8,751	30,509	2,484	931	1,553
1998–99	82,622	14,520	68,102	40,589	9,434	31,155	2,535	1,037	1,498
1999–2000	78,458	12,727	65,731	42,456	9,624	32,832	2,676	1,038	1,638
2000–01	73,490	11,908	61,582	43,617	9,875	33,742	2,855	1,116	1,739
2001–02	70,517	10,257	60,260	43,644	9,797	33,847	3,523	1,293	2,230

NOTE: Includes degrees in chiropractic; communication disorders sciences; community health liaison; dentistry; dental services; health services administration; health and medical assistants; health and medical diagnostic and treatment services; medical laboratory technologies; pre-dentistry; premedicine; prepharmacy; preveterinary; medical basic sciences; mental health services; nursing; optometry; pharmacy; epidemiology; rehabilitation and therapeutic services; veterinary medicine; and other health professions. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 290. Earned degrees in mathematics conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	6,382	4,942	1,440	974	784	190	160	151	9
1959–60	11,399	8,293	3,106	1,757	1,422	335	303	285	18
1967–68	23,513	14,782	8,731	5,527	4,199	1,328	947	895	5
1969–70	27,442	17,177	10,265	5,636	3,966	1,670	1,236	1,140	96
1970–71	24,937	15,498	9,439	5,695	4,149	1,546	1,249	1,154	95
1971–72	23,807	14,542	9,265	5,537	3,976	1,561	1,165	1,075	90
1975–76	16,329	9,788	6,541	4,315	2,961	1,354	909	812	97
1976–77	14,395	8,476	5,919	4,109	2,762	1,347	859	748	111
1977–78	13,065	7,806	5,259	3,862	2,635	1,227	848	722	126
1978–79	12,329	7,301	5,028	3,553	2,412	1,141	769	644	125
1979–80	11,872	6,951	4,921	3,382	2,262	1,120	763	659	104
1980–81	11,433	6,614	4,819	3,074	2,106	968	775	656	119
1981–82	12,226	6,999	5,227	3,263	2,257	1,006	721	623	98
1982–83	12,719	7,175	5,544	3,398	2,316	1,082	731	611	120
1983–84	13,764	7,716	6,048	3,244	2,178	1,066	743	614	129
1984–85	15,861	8,537	7,324	3,413	2,289	1,124	734	620	114
1985–86	17,147	9,216	7,931	3,607	2,397	1,210	777	648	129
1986–87	16,999	9,110	7,889	3,730	2,328	1,402	759	628	131
1987–88	16,608	8,919	7,689	3,867	2,391	1,476	796	668	128
1988–89	15,994	8,662	7,332	3,903	2,418	1,485	915	737	178
1989–90	15,176	8,236	6,940	4,146	2,568	1,578	966	794	172
1990–91	15,310	8,178	7,132	4,041	2,446	1,595	1,036	837	199
1991–92	14,783	7,888	6,895	4,011	2,452	1,559	1,082	851	231
1992–93	14,812	7,827	6,985	4,067	2,455	1,612	1,189	906	283
1993–94	14,396	7,735	6,661	4,100	2,536	1,564	1,157	904	253
1994–95	13,723	7,295	6,428	4,181	2,543	1,638	1,226	955	271
1995–96	13,143	7,134	6,009	4,031	2,465	1,566	1,209	962	247
1996–97	12,820	6,908	5,912	3,783	2,241	1,542	1,174	891	283
1997–98	12,328	6,596	5,732	3,643	2,151	1,492	1,259	936	323
1998–99	12,539	6,545	5,994	3,466	2,027	1,439	1,124	830	294
1999–2000	12,070	6,382	5,688	3,412	1,881	1,531	1,106	830	276
2000–01	11,674	6,107	5,567	3,373	1,962	1,411	1,024	729	295
2001–02	12,395	6,608	5,787	3,487	2,009	1,478	958	680	278

NOTE: Includes degrees conferred in statistics. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 291. Earned degrees in the physical sciences conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1959–60 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1959–60	16,007	14,013	1,994	3,376	3,049	327	1,838	1,776	62
1967–68	19,380	16,739	2,641	5,499	4,869	630	3,593	3,405	188
1969–70	21,439	18,522	2,917	5,935	5,093	842	4,312	4,077	235
1970–71	21,412	18,459	2,953	6,367	5,521	846	4,390	4,144	246
1971–72	20,745	17,663	3,082	6,287	5,404	883	4,103	3,830	273
1975–76	21,465	17,353	4,112	5,466	4,648	818	3,431	3,132	299
1976–77	22,497	17,996	4,501	5,331	4,450	881	3,341	3,022	319
1977–78	22,986	18,090	4,896	5,561	4,620	941	3,133	2,821	312
1978–79	23,207	17,985	5,222	5,451	4,461	990	3,102	2,752	350
1979–80	23,410	17,864	5,546	5,219	4,248	971	3,089	2,705	384
1980–81	23,952	18,064	5,888	5,284	4,200	1,084	3,141	2,765	376
1981–82	24,052	17,866	6,186	5,514	4,318	1,196	3,286	2,835	451
1982–83	23,381	16,993	6,388	5,290	4,157	1,133	3,269	2,811	458
1983–84	23,651	17,116	6,535	5,576	4,268	1,308	3,306	2,815	491
1984–85	23,704	17,069	6,635	5,796	4,452	1,344	3,403	2,851	552
1985–86	21,717	15,755	5,962	5,902	4,470	1,432	3,551	2,963	588
1986–87	20,070	14,372	5,698	5,629	4,219	1,410	3,673	3,039	634
1987–88	17,806	12,389	5,417	5,733	4,324	1,409	3,809	3,123	686
1988–89	17,186	12,077	5,109	5,723	4,199	1,524	3,858	3,088	770
1989–90	16,066	11,031	5,035	5,449	4,010	1,439	4,164	3,356	808
1990–91	16,344	11,176	5,168	5,309	3,837	1,472	4,290	3,447	843
1991–92	16,960	11,431	5,529	5,374	3,909	1,465	4,391	3,429	962
1992–93	17,545	11,825	5,720	5,366	3,808	1,558	4,393	3,432	961
1993–94	18,400	12,223	6,177	5,679	4,018	1,661	4,650	3,642	1,008
1994–95	19,177	12,497	6,680	5,753	4,013	1,740	4,483	3,428	1,055
1995–96	19,647	12,578	7,069	5,847	3,966	1,881	4,571	3,515	1,056
1996–97	19,531	12,228	7,303	5,563	3,752	1,811	4,474	3,444	1,030
1997–98	19,416	11,955	7,461	5,361	3,435	1,926	4,571	3,417	1,154
1998–99	18,337	11,029	7,308	5,159	3,384	1,775	4,190	3,174	1,016
1999–2000	18,385	10,972	7,413	4,841	3,126	1,715	4,018	2,994	1,024
2000–01	17,979	10,574	7,405	5,082	3,226	1,856	3,976	2,912	1,064
2001–02	17,851	10,314	7,537	5,034	3,142	1,892	3,803	2,740	1,063

NOTE: Includes degrees in physical sciences, general; astronomy; astrophysics; atmospheric science and meteorology; chemistry; geology; miscellaneous physical sciences; physics; science technologies; and other physical sciences. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 292. Earned degrees in chemistry, geology, and physics conferred by degree-granting institutions, by level of degree: Selected years, 1970–71 to 2001–02

Year	Chemistry			Geology			Physics		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1970–71	11,063	2,275	2,159	2,414	651	324	5,071	2,188	1,482
1971–72	10,590	2,248	1,971	2,573	841	310	4,634	2,033	1,344
1975–76	11,022	1,783	1,621	3,358	1,003	313	3,544	1,451	997
1976–77	11,215	1,767	1,568	3,879	1,047	325	3,420	1,319	945
1977–78	11,315	1,886	1,521	4,342	1,239	268	3,330	1,294	873
1978–79	11,509	1,757	1,516	4,502	1,300	286	3,337	1,319	918
1979–80	11,232	1,723	1,545	4,597	1,295	313	3,396	1,192	830
1980–81	11,347	1,654	1,622	5,202	1,396	294	3,441	1,294	866
1981–82	11,062	1,751	1,722	5,538	1,540	282	3,472	1,284	873
1982–83	10,796	1,622	1,746	6,102	1,552	295	3,793	1,369	873
1983–84	10,704	1,667	1,744	6,549	1,514	315	3,907	1,532	953
1984–85	10,482	1,719	1,789	6,308	1,692	289	4,097	1,523	951
1985–86	10,116	1,754	1,908	4,974	1,767	271	4,180	1,501	1,010
1986–87	9,670	1,738	1,976	3,665	1,603	280	4,318	1,543	1,074
1987–88	9,052	1,708	1,995	2,551	1,523	350	4,100	1,675	1,093
1988–89	8,625	1,774	2,037	2,252	1,404	358	4,352	1,736	1,112
1989–90	8,132	1,682	2,183	1,767	1,200	414	4,155	1,831	1,192
1990–91	8,321	1,665	2,238	1,784	1,089	446	4,236	1,725	1,209
1991–92	8,641	1,780	2,280	2,078	990	413	4,098	1,834	1,337
1992–93	8,914	1,842	2,261	2,299	925	406	4,063	1,777	1,277
1993–94	9,425	1,999	2,353	2,677	937	422	4,001	1,945	1,465
1994–95	9,722	2,099	2,273	3,118	993	398	3,823	1,817	1,424
1995–96	10,415	2,254	2,287	3,190	991	372	3,679	1,678	1,462
1996–97	10,644	2,240	2,259	3,219	996	388	3,376	1,496	1,410
1997–98	10,582	2,141	2,342	3,066	966	416	3,441	1,371	1,393
1998–99	10,120	2,037	2,191	2,837	936	367	3,213	1,309	1,252
1999–2000	10,043	1,888	2,083	2,802	944	310	3,342	1,232	1,208
2000–01	9,526	1,985	2,121	2,814	933	314	3,418	1,365	1,169
2001–02	9,136	1,845	2,027	2,721	1,001	351	3,627	1,344	1,096

NOTE: Geology includes geology, geochemistry, and geophysics and seismology. Beginning in 1982–83, also includes other geological sciences. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 293. Earned degrees in psychology conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	9,569	6,055	3,514	1,316	948	368	283	241	42
1959–60	8,061	4,773	3,288	1,406	981	425	641	544	97
1967–68	23,819	13,792	10,027	3,479	2,321	1,158	1,268	982	286
1969–70	33,679	19,077	14,602	5,158	2,975	2,183	1,962	1,505	457
1970–71	38,187	21,227	16,960	5,717	3,395	2,322	2,144	1,629	515
1971–72	43,433	23,352	20,081	6,764	3,934	2,830	2,277	1,694	583
1975–76	50,278	22,898	27,380	10,167	5,136	5,031	3,157	2,115	1,042
1976–77	47,861	20,627	27,234	10,859	5,293	5,566	3,386	2,127	1,259
1977–78	44,879	18,422	26,457	10,282	4,670	5,612	3,164	1,974	1,190
1978–79	42,697	16,540	26,157	10,132	4,405	5,727	3,228	1,895	1,333
1979–80	42,093	15,440	26,653	9,938	4,096	5,842	3,395	1,921	1,474
1980–81	41,068	14,332	26,736	10,223	4,066	6,157	3,576	2,002	1,574
1981–82	41,212	13,645	27,567	9,947	3,823	6,124	3,461	1,856	1,605
1982–83	40,460	13,131	27,329	9,981	3,647	6,334	3,602	1,838	1,764
1983–84	39,955	12,812	27,143	9,525	3,400	6,125	3,535	1,774	1,761
1984–85	39,900	12,706	27,194	9,891	3,452	6,439	3,447	1,739	1,708
1985–86	40,628	12,605	28,023	9,845	3,347	6,498	3,593	1,724	1,869
1986–87	42,994	13,362	29,632	9,562	3,172	6,390	3,560	1,615	1,945
1987–88	45,187	13,538	31,649	9,180	2,923	6,257	3,480	1,573	1,907
1988–89	48,910	14,246	34,664	9,940	3,122	6,818	3,685	1,590	2,095
1989–90	53,952	15,336	38,616	10,730	3,377	7,353	3,811	1,566	2,245
1990–91	58,655	16,067	42,588	11,349	3,329	8,020	3,932	1,520	2,412
1991–92	63,513	17,031	46,482	10,215	2,988	7,227	3,373	1,359	2,014
1992–93	66,728	17,908	48,820	10,957	3,029	7,928	3,651	1,415	2,236
1993–94	69,259	18,642	50,617	12,181	3,401	8,780	3,563	1,346	2,217
1994–95	72,083	19,548	52,535	13,921	3,893	10,028	3,822	1,431	2,391
1995–96	73,291	19,817	53,474	13,792	3,813	9,979	3,711	1,259	2,452
1996–97	74,191	19,379	54,812	14,353	3,852	10,501	4,053	1,350	2,703
1997–98	73,972	18,959	55,013	13,747	3,699	10,048	4,073	1,325	2,748
1998–99	73,536	18,294	55,242	14,247	3,693	10,554	4,248	1,385	2,863
1999–2000	74,060	17,430	56,630	14,465	3,552	10,913	4,310	1,405	2,905
2000–01	73,534	16,572	56,962	15,196	3,615	11,581	4,659	1,475	3,184
2001–02	76,671	17,275	59,396	14,888	3,517	11,371	4,341	1,379	2,962

NOTE: Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 294. Earned degrees in public administration and services conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1970–71 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	5,466	1,726	3,740	7,785	3,893	3,892	174	132	42
1971–72	7,508	2,588	4,920	8,756	4,537	4,219	193	150	43
1972–73	10,690	3,998	6,692	10,068	5,271	4,797	198	160	38
1973–74	11,966	4,266	7,700	11,415	6,028	5,387	201	154	47
1974–75	13,661	4,630	9,031	13,617	7,200	6,417	257	192	65
1975–76	15,440	5,706	9,734	15,209	7,969	7,240	292	192	100
1976–77	16,136	5,544	10,592	17,026	8,810	8,216	292	197	95
1977–78	16,607	5,096	11,511	17,337	8,513	8,824	357	237	120
1978–79	17,328	4,938	12,390	17,306	8,051	9,255	315	215	100
1979–80	16,644	4,451	12,193	17,560	7,866	9,694	342	216	126
1980–81	16,707	4,248	12,459	17,803	7,460	10,343	362	212	150
1981–82	16,495	4,176	12,319	17,416	6,975	10,441	372	205	167
1982–83	14,414	3,343	11,071	16,046	5,961	10,085	347	184	163
1983–84	12,570	2,998	9,572	15,060	5,634	9,426	420	230	190
1984–85	11,754	2,829	8,925	15,575	5,573	10,002	431	213	218
1985–86	11,887	2,966	8,921	15,692	5,594	10,098	382	171	211
1986–87	12,328	2,993	9,335	16,432	5,673	10,759	398	216	182
1987–88	12,385	2,923	9,462	16,424	5,631	10,793	470	238	232
1988–89	13,162	3,214	9,948	17,020	5,615	11,405	428	210	218
1989–90	13,908	3,334	10,574	17,399	5,634	11,765	508	235	273
1990–91	14,350	3,215	11,135	17,905	5,679	12,226	430	190	240
1991–92	15,987	3,479	12,508	19,243	5,769	13,474	432	204	228
1992–93	16,775	3,801	12,974	20,634	6,105	14,529	459	215	244
1993–94	17,815	3,919	13,896	21,833	6,406	15,427	519	238	281
1994–95	18,586	3,935	14,651	23,501	6,870	16,631	556	274	282
1995–96	19,849	4,205	15,644	24,229	6,927	17,302	499	220	279
1996–97	20,649	4,177	16,472	24,781	6,957	17,824	518	243	275
1997–98	20,408	3,881	16,527	25,144	7,025	18,119	499	223	276
1998–99	20,287	3,791	16,496	24,925	6,556	18,369	532	239	293
1999–2000	20,185	3,816	16,369	25,594	6,808	18,786	537	227	310
2000–01	19,447	3,670	15,777	25,268	6,544	18,724	574	263	311
2001–02	19,392	3,706	15,686	25,448	6,505	18,943	571	250	321

NOTE: Includes degrees in public administration; community organization, resources and services; public policy analysis; social work; and public affairs, other. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 295. Earned degrees in the social sciences and history conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1970–71 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	155,324	98,173	57,151	16,539	11,833	4,706	3,660	3,153	507
1971–72	158,060	100,895	57,165	17,445	12,540	4,905	4,081	3,483	598
1972–73	155,970	99,735	56,235	17,477	12,605	4,872	4,234	3,573	661
1973–74	150,320	95,650	54,670	17,293	12,321	4,972	4,124	3,383	741
1974–75	135,190	84,826	50,364	16,977	11,875	5,102	4,212	3,334	878
1975–76	126,396	78,691	47,705	15,953	10,918	5,035	4,157	3,262	895
1976–77	117,040	71,128	45,912	15,533	10,413	5,120	3,802	2,957	845
1977–78	112,952	67,217	45,735	14,718	9,845	4,873	3,594	2,722	872
1978–79	108,059	62,852	45,207	12,963	8,395	4,568	3,371	2,501	870
1979–80	103,662	58,511	45,151	12,176	7,794	4,382	3,230	2,357	873
1980–81	100,513	56,131	44,382	11,945	7,457	4,488	3,122	2,274	848
1981–82	99,705	55,196	44,509	12,002	7,468	4,534	3,061	2,237	824
1982–83	95,228	52,771	42,457	11,205	6,974	4,231	2,931	2,042	889
1983–84	93,323	52,154	41,169	10,577	6,551	4,026	2,911	2,030	881
1984–85	91,570	51,226	40,344	10,503	6,475	4,028	2,851	1,933	918
1985–86	93,840	52,724	41,116	10,564	6,419	4,145	2,955	1,970	985
1986–87	96,342	53,949	42,393	10,506	6,373	4,133	2,916	2,026	890
1987–88	100,460	56,377	44,083	10,412	6,310	4,102	2,781	1,849	932
1988–89	108,151	60,121	48,030	11,023	6,599	4,424	2,885	1,949	936
1989–90	118,083	65,887	52,196	11,634	6,898	4,736	3,010	2,019	991
1990–91	125,107	68,701	56,406	12,233	7,016	5,217	3,012	1,956	1,056
1991–92	133,974	73,001	60,973	12,702	7,237	5,465	3,218	2,126	1,092
1992–93	135,703	73,589	62,114	13,471	7,671	5,800	3,460	2,203	1,257
1993–94	133,680	72,006	61,674	14,561	8,152	6,409	3,627	2,317	1,310
1994–95	128,154	68,139	60,015	14,845	8,207	6,638	3,725	2,319	1,406
1995–96	126,479	65,872	60,607	15,012	8,093	6,919	3,760	2,339	1,421
1996–97	124,891	64,115	60,776	14,787	7,830	6,957	3,989	2,479	1,510
1997–98	125,040	63,537	61,503	14,938	7,960	6,978	4,127	2,445	1,682
1998–99	124,658	61,736	62,922	14,431	7,456	6,975	3,855	2,270	1,585
1999–2000	127,101	62,062	65,039	14,066	7,024	7,042	4,095	2,407	1,688
2000–01	128,036	61,749	65,287	13,791	6,816	6,975	3,930	2,302	1,628
2001–02	132,874	64,170	68,704	14,112	6,941	7,171	3,902	2,219	1,683

NOTE: Includes degrees in social sciences, general; anthropology; archeology; criminology; demography and population studies; economics; geography; history; international relations and affairs; political science and government; sociology; urban affairs/studies; and social sciences and history, other. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 296. Earned degrees in economics, history, political science and government, and sociology conferred by degree-granting institutions, by level of degree: Selected years, 1949–50 to 2001–02

Year	Economics			History			Political science and government			Sociology		
	Bach-elor's	Master's	Doctor's	Bach-elor's	Master's	Doctor's	Bach-elor's	Master's	Doctor's	Bach-elor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
1949–50	14,568	921	200	13,542	1,801	275	6,336	710	127	7,870	552	98
1959–60	7,453	708	237	14,737	1,794	342	6,596	722	201	7,147	440	161
1969–70	17,197	1,988	794	43,386	5,049	1,038	25,713	2,105	525	30,436	1,813	534
1970–71	15,758	1,995	721	44,663	5,157	991	27,482	2,318	700	33,263	1,808	574
1971–72	15,231	2,224	794	43,695	5,217	1,133	28,135	2,451	758	35,216	1,944	636
1975–76	14,741	2,087	763	28,400	3,658	1,014	28,302	2,191	723	27,634	2,009	729
1976–77	15,296	2,158	758	25,433	3,393	921	26,411	2,222	641	24,713	1,830	714
1977–78	15,661	1,995	706	23,004	3,033	813	26,069	2,069	636	22,750	1,611	599
1978–79	16,409	1,955	712	21,019	2,536	756	25,628	2,037	563	20,285	1,415	612
1979–80	17,863	1,821	677	19,301	2,367	712	25,457	1,938	535	18,881	1,341	583
1980–81	18,753	1,911	727	18,301	2,237	643	24,977	1,875	484	17,272	1,240	610
1981–82	19,876	1,964	677	17,146	2,210	636	25,658	1,954	513	16,042	1,145	558
1982–83	20,517	1,972	734	16,467	2,041	575	25,791	1,829	435	14,105	1,112	522
1983–84	20,719	1,891	729	16,643	1,940	561	25,719	1,769	457	13,145	1,008	520
1984–85	20,711	1,992	749	16,049	1,921	468	25,834	1,500	441	11,968	1,022	480
1985–86	21,602	1,937	789	16,415	1,961	497	26,439	1,704	439	12,271	965	504
1986–87	22,378	1,855	750	16,997	2,021	534	26,817	1,618	435	12,239	950	451
1987–88	22,911	1,847	770	18,207	2,093	517	27,207	1,579	391	13,024	984	452
1988–89	23,454	1,886	827	20,159	2,121	487	30,450	1,598	452	14,435	1,135	451
1989–90	23,923	1,950	806	22,476	2,369	570	33,560	1,580	480	16,035	1,198	432
1990–91	23,488	1,951	802	24,541	2,591	606	35,737	1,772	468	17,550	1,260	465
1991–92	23,423	2,106	866	26,966	2,754	644	37,805	1,908	535	19,568	1,347	501
1992–93	21,321	2,292	879	27,774	2,952	690	37,931	1,943	529	20,896	1,521	536
1993–94	19,496	2,521	869	27,503	3,009	752	36,097	2,147	616	22,368	1,639	530
1994–95	17,673	2,400	910	26,598	3,091	816	33,013	2,019	637	22,886	1,748	546
1995–96	16,674	2,533	916	26,005	2,898	805	30,775	2,024	634	24,071	1,772	527
1996–97	16,539	2,433	968	25,214	2,901	873	28,969	1,909	686	24,672	1,731	591
1997–98	17,074	2,435	928	25,726	2,895	937	28,044	1,957	705	24,806	1,737	596
1998–99	17,611	2,323	810	24,794	2,633	921	27,418	1,681	696	24,933	1,943	515
1999–2000	18,441	2,168	851	25,247	2,573	984	27,635	1,627	693	25,598	1,996	595
2000–01	19,437	2,139	851	25,090	2,365	931	27,792	1,596	688	25,268	1,845	546
2001–02	20,927	2,330	826	26,001	2,420	924	29,354	1,641	625	25,202	1,928	534

NOTE: Political science and government excludes degrees in public administration and international relations. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 297. Earned degrees in visual and performing arts conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1970–71 to 2001–02

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	30,394	12,256	18,138	6,675	3,510	3,165	621	483	138
1971–72	33,831	13,580	20,251	7,537	4,049	3,488	572	428	144
1975–76	42,138	16,491	25,647	8,817	4,507	4,310	620	447	173
1976–77	41,793	16,166	25,627	8,636	4,211	4,425	662	447	215
1977–78	40,951	15,572	25,379	9,036	4,327	4,709	708	448	260
1978–79	40,969	15,380	25,589	8,524	3,933	4,591	700	454	246
1979–80	40,892	15,065	25,827	8,708	4,067	4,641	655	413	242
1980–81	40,479	14,798	25,681	8,629	4,056	4,573	654	396	258
1981–82	40,422	14,819	25,603	8,746	3,866	4,880	670	380	290
1982–83	39,794	14,690	25,104	8,763	4,013	4,750	692	404	288
1983–84	40,131	15,089	25,042	8,526	3,897	4,629	730	406	324
1984–85	38,140	14,462	23,678	8,718	3,894	4,824	696	407	289
1985–86	37,241	14,236	23,005	8,420	3,775	4,645	722	396	326
1986–87	36,615	13,751	22,864	8,508	3,756	4,752	793	447	346
1987–88	36,944	14,068	22,876	7,939	3,442	4,497	727	424	303
1988–89	38,227	14,539	23,688	8,267	3,611	4,656	753	446	307
1989–90	39,934	15,189	24,745	8,481	3,706	4,775	849	472	377
1990–91	42,186	15,761	26,425	8,657	3,830	4,827	838	466	372
1991–92	46,522	17,616	28,906	9,353	4,078	5,275	906	504	402
1992–93	47,761	18,610	29,151	9,440	4,099	5,341	882	478	404
1993–94	49,053	19,538	29,515	9,925	4,229	5,696	1,054	585	469
1994–95	48,690	19,781	28,909	10,277	4,374	5,903	1,080	545	535
1995–96	49,296	20,126	29,170	10,280	4,361	5,919	1,067	524	543
1996–97	50,083	20,729	29,354	10,627	4,470	6,157	1,060	525	535
1997–98	52,077	21,483	30,594	11,145	4,596	6,549	1,163	566	597
1998–99	54,404	22,281	32,123	10,753	4,543	6,210	1,130	574	556
1999–2000	58,791	24,003	34,788	10,918	4,672	6,246	1,127	537	590
2000–01	61,148	24,967	36,181	11,404	4,788	6,616	1,167	568	599
2001–02	66,773	27,130	39,643	11,595	4,912	6,683	1,114	490	624

NOTE: Prior to 1982–83: Includes visual and performing arts, general; crafts, folk art, and arts and crafts; design and applied art; theatre arts; film and photographic arts; fine arts; graphic arts technology; music; and precision production. From 1982–83: Includes visual and performing arts, general; crafts, folk art, and arts and crafts; design and applied art; theatre arts and stagecraft; film/video and photographic arts; fine arts and art studies; music; and visual and performing arts, other. Data for 1998–99 were imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" 1970–71 through 1985–86 surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 1986–87 through 1998–99, and Fall 2000 through Fall 2002 surveys. (This table was prepared August 2003.)

Table 298. Statistical profile of persons receiving doctor's degrees, by field of study and selected characteristics: 2000-01

Item	All fields	Field of study								
		Education	Engineering	Humanities	Life sciences	Physical sciences ¹		Business and management	Social sciences and psychology	Other professional fields
						Total	Mathematics			
1	2	3	4	5	6	7	8	9	10	11
Doctor's degrees conferred (number)	40,744	6,324	5,502	5,589	8,296	5,970	1,006	1,049	6,825	1,189
Sex (percent)										
Men	56.0	35.4	83.1	49.4	52.8	74.8	72.6	66.0	45.6	49.7
Women	44.0	64.6	16.9	50.6	47.2	25.2	27.4	34.0	54.4	50.3
Racial/ethnic group (percent) ²										
White, non-Hispanic	81.0	78.8	74.2	85.6	80.4	83.5	83.6	78.4	82.4	78.0
Black, non-Hispanic	6.2	12.6	3.9	4.2	3.8	2.8	3.7	8.8	6.3	9.2
Hispanic	4.5	5.1	3.9	5.3	3.7	3.1	2.9	4.1	5.4	4.4
Asian ³	7.7	2.7	17.7	4.4	11.7	10.2	9.4	8.4	5.2	7.7
American Indian/Alaska Native	0.5	0.8	0.3	0.5	0.4	0.4	0.4	0.3	0.7	0.8
Citizenship (percent)										
United States	66.0	84.0	38.9	78.4	65.0	52.3	46.5	62.5	74.1	70.9
Non-U.S., permanent visa	4.5	1.8	5.4	5.1	5.4	5.5	5.4	4.9	3.5	5.0
Non-U.S., temporary visa	24.0	7.9	50.4	12.0	24.2	37.8	43.2	26.2	15.8	18.6
Unknown	5.5	6.2	5.4	4.5	5.4	4.4	4.9	6.4	6.6	5.6
Median age at doctorate (years)	33.3	43.8	31.2	35.0	31.8	30.6	30.5	36.7	32.9	39.1
Percent with bachelor's degree in same field as doctorate	53.3	33.2	74.6	55.1	47.3	64.2	69.2	34.1	58.2	28.6
Median time lapse from bachelor's to doctorate (years)										
Total time	10.0	19.0	8.4	11.5	9.0	7.8	8.0	13.0	9.7	14.9
Registered time	7.5	8.3	6.7	9.0	7.0	6.7	6.7	7.8	7.6	8.9
Postdoctoral plans (percent)										
Postdoctoral study plans	25.4	6.6	18.5	9.2	52.7	39.0	33.7	4.6	22.9	7.9
Fellowship	13.5	2.2	6.2	5.8	30.7	17.5	17.7	1.2	15.7	3.4
Research associateship	8.9	2.1	10.2	1.5	15.5	19.5	13.3	2.1	4.7	2.8
Traineeship	1.0	0.6	1.4	0.5	1.5	0.8	1.6	0.4	1.2	0.8
Other	2.0	1.7	0.8	1.4	5.0	1.1	1.1	0.9	1.3	1.0
Postdoctoral employment	64.3	81.5	71.5	80.5	37.9	52.3	58.2	82.8	66.2	80.6
Educational institution ⁴	34.8	65.2	12.3	62.1	16.4	15.3	29.8	61.5	34.6	51.7
Industry, business	18.8	5.9	51.0	7.2	12.5	30.3	19.9	16.1	13.6	10.2
Government	4.3	3.7	5.3	1.5	4.5	3.1	2.8	2.4	7.1	5.1
Nonprofit organization	3.4	3.4	1.2	4.5	2.2	1.2	1.5	1.0	6.8	10.3
Other and unknown	3.2	3.3	1.8	5.3	2.4	2.4	4.2	1.8	4.2	3.3
Postdoctoral plans unknown	10.3	11.9	10.0	10.3	9.4	8.6	8.2	12.6	10.8	11.5
Primary postdoctoral activity (percent) ⁵										
Research and development	33.4	6.6	72.0	8.7	42.5	60.8	39.7	35.8	32.0	14.4
Teaching	37.2	39.0	10.7	76.7	31.4	22.8	47.6	46.1	31.9	52.1
Administration	12.2	39.9	1.9	4.9	5.9	2.8	0.7	6.5	6.1	14.0
Professional services	13.3	11.0	11.3	5.9	16.0	9.3	5.5	8.7	26.1	16.3
Other	0.4	0.2	0.7	0.4	0.3	0.3	0.5	0.1	0.4	0.1
Activity unknown	3.4	3.3	3.4	3.4	3.8	3.9	6.0	2.7	3.4	3.0
Region of employment after doctorate (percent) ⁵										
New England	6.6	3.9	7.2	7.2	6.4	8.8	7.1	7.5	7.3	5.3
Middle Atlantic	14.7	13.9	15.5	15.4	11.7	18.4	16.5	13.4	13.5	16.5
East North Central	13.2	14.9	11.7	15.7	11.2	10.8	13.9	14.9	13.0	13.4
West North Central	6.5	8.7	3.8	7.8	6.7	4.3	5.9	6.0	6.6	6.4
South Atlantic	16.0	18.7	10.7	14.8	16.1	13.5	17.5	17.3	19.1	18.9
East South Central	3.9	5.9	2.0	4.6	3.9	2.3	2.6	5.4	3.1	5.0
West South Central	8.4	11.2	7.9	8.3	8.7	6.3	7.3	9.1	6.4	8.8
Mountain	5.2	5.9	5.5	4.8	5.0	4.8	4.3	5.0	4.8	5.3
Pacific and insular	16.2	11.1	24.9	13.4	14.7	23.3	16.5	11.5	15.5	10.1
Foreign	9.0	5.3	10.4	7.7	15.1	7.0	7.6	9.9	10.5	10.1
Region unknown	0.3	0.4	0.3	0.2	0.4	0.5	0.7	0.0	0.2	0.1

¹Includes mathematics, computer science, physics and astronomy, chemistry, and earth, atmospheric, and marine sciences.

²Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

³Does not include Native Hawaiians or other Pacific Islanders.

⁴Includes 2-year, 4-year, and foreign colleges and universities, medical schools, and elementary/secondary schools.

⁵Includes only recipients with definite employment plans.

NOTE: The above classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major differences are that history is included under humanities rather than social sciences and

that psychology is included under social sciences. Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and D.V.M. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. The above tabulation excludes some non-research doctoral degrees such as doctor's degrees in theology. Detail may not sum to totals due to rounding.

SOURCE: *Doctorate Recipients from United States Universities, 2001*, sponsored by the National Science Foundation, National Institutes of Health, U.S. Department of Education, National Endowment for the Humanities, U.S. Department of Agriculture, and the National Aeronautics and Space Administration. (This table was prepared June 2003.)

Table 299. Statistical profile of persons receiving doctor's degrees in education: Selected years, 1979–80 to 2000–01

Item	1979–80	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	7,576	7,489	6,649	6,510	6,454	6,677	6,689	6,708	6,649	6,772	6,497	6,559	6,557	6,420	6,324
Sex (percent)															
Men	55.5	52.8	45.6	42.4	41.9	40.5	41.3	39.1	38.4	38.3	36.7	37.0	35.8	35.1	35.4
Women	44.5	47.2	54.4	57.6	58.1	59.5	58.7	60.9	61.6	61.7	63.3	63.0	64.2	64.9	64.6
Racial/ethnic group (percent)															
White, non-Hispanic	86.3	85.9	86.1	86.0	85.6	84.8	83.7	83.9	81.6	82.2	81.1	79.1	79.3	78.3	78.8
Black, non-Hispanic	9.1	9.1	8.1	8.2	7.9	8.4	9.4	8.6	10.4	10.1	10.2	11.6	11.7	12.6	12.6
Hispanic	2.4	2.5	3.7	3.3	3.3	3.5	3.7	4.0	4.4	3.6	4.6	5.1	4.8	5.1	5.1
Asian ¹	1.3	1.9	1.6	1.8	2.2	2.4	2.4	2.9	3.0	3.1	3.2	3.2	3.1	3.1	2.7
American Indian/Alaska Native	0.8	0.6	0.5	0.6	1.0	0.8	0.8	0.6	0.7	1.0	0.9	0.9	1.1	0.9	0.8
Citizenship (percent)															
United States	88.7	87.7	84.7	84.4	84.8	86.8	86.4	87.4	86.8	86.6	82.6	84.3	82.8	86.2	84.0
Foreign	8.2	8.8	9.6	9.7	10.2	10.7	10.8	11.0	11.0	9.9	8.2	9.1	10.6	10.3	9.7
Unknown	3.1	3.6	5.6	5.8	5.0	2.4	2.7	1.6	2.3	3.4	9.3	6.6	6.5	3.5	6.2
Median age at doctorate (years)	37.0	37.3	39.4	41.6	42.1	42.7	43.0	43.6	43.8	44.3	44.0	44.3	44.3	44.4	43.8
Percent with bachelor's degree in same field as doctorate	39.0	38.9	39.0	37.5	39.3	38.7	37.4	36.9	37.0	36.1	34.1	35.0	34.8	33.7	33.2
Median time lapse from bachelor's to doctorate (years)															
Total time	13.1	13.5	15.7	17.9	18.4	18.9	19.2	19.7	19.9	20.2	20.0	20.0	19.9	19.4	19.0
Registered time	6.9	7.0	7.8	8.1	8.1	8.2	8.2	8.1	8.2	8.2	8.4	8.4	8.2	8.1	8.3

¹ Does not include Native Hawaiians or other Pacific Islanders.

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The classification of degrees by field used in this survey differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The number of degrees also differs

slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: *Survey of Doctorate Recipients from United States Universities*, various years, sponsored by the National Science Foundation, National Institutes of Health, U.S. Department of Education, National Endowment for the Humanities, U.S. Department of Agriculture, and the National Aeronautics and Space Administration. (This table was prepared June 2003.)

Table 300. Statistical profile of persons receiving doctor's degrees in engineering: Selected years, 1979–80 to 2000–01

Item	1979–80	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	2,479	2,528	3,376	4,894	5,214	5,438	5,698	5,822	6,008	6,305	6,052	5,919	5,337	5,330	5,502
Sex (percent)															
Men	96.4	96.1	93.3	91.5	91.3	90.7	90.9	89.1	88.4	87.7	87.6	86.9	85.1	84.2	83.1
Women	3.6	3.9	6.7	8.5	8.7	9.3	9.1	10.9	11.6	12.3	12.4	13.1	14.9	15.8	16.9
Racial/ethnic group (percent)															
White, non-Hispanic	77.8	77.3	80.6	80.4	77.4	76.5	75.9	67.0	63.7	67.6	71.5	73.9	74.9	75.2	74.2
Black, non-Hispanic	1.2	1.4	1.4	1.8	2.4	1.9	1.9	1.8	2.2	2.2	3.1	2.9	3.4	3.3	3.9
Hispanic	1.9	1.0	2.1	2.4	2.6	3.0	2.4	2.2	2.4	2.9	2.8	3.8	2.9	3.2	3.9
Asian ¹	18.9	20.0	15.6	15.3	17.4	18.2	19.7	28.8	31.5	26.8	22.3	19.0	18.4	17.9	17.7
American Indian/Alaska Native	0.2	0.3	0.3	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.3
Citizenship (percent)															
United States	50.6	46.2	40.8	39.4	37.9	38.7	39.1	38.0	39.7	41.1	44.3	43.0	46.4	41.4	38.9
Foreign	46.3	49.1	50.8	52.5	54.7	57.8	57.1	60.0	57.9	55.7	49.5	48.5	48.6	52.5	55.8
Unknown	3.1	4.7	8.4	8.1	7.3	3.5	3.9	2.1	2.5	3.3	6.2	8.5	5.1	6.2	5.4
Median age at doctorate (years)	30.3	30.5	31.0	31.2	31.4	31.5	31.6	31.7	31.7	31.7	31.3	31.6	31.4	31.4	31.2
Percent with bachelor's degree in same field as doctorate	75.2	74.1	73.0	76.9	79.0	81.8	80.1	80.4	79.1	80.2	75.9	71.0	71.2	74.0	74.6
Median time lapse from bachelor's to doctorate (years)															
Total time	7.6	7.9	8.1	8.2	8.5	8.7	8.8	9.0	9.1	9.0	8.7	8.9	8.7	8.7	8.4
Registered time	5.6	5.6	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.4	6.5	6.7	6.6	6.8	6.7

¹ Does not include Native Hawaiians or other Pacific Islanders.

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The classification of degrees by field used in this survey differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: *Survey of Doctorate Recipients from United States Universities*, various years, sponsored by the National Science Foundation, National Institutes of Health, U.S. Department of Education, National Endowment for the Humanities, U.S. Department of Agriculture, and the National Aeronautics and Space Administration. (This table was prepared June 2003.)

Table 301. Statistical profile of persons receiving doctor's degrees in the humanities: Selected years, 1979–80 to 2000–01

Item	1979–80	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	3,863	3,745	3,461	3,822	4,099	4,444	4,482	4,744	5,061	5,116	5,387	5,499	5,468	5,634	5,589
Sex (percent)															
Men	60.4	58.7	54.8	54.4	53.5	53.7	52.5	52.3	51.7	50.3	51.9	51.3	51.1	49.7	49.4
Women	39.6	41.3	45.2	45.6	46.5	46.3	47.5	47.7	48.3	49.7	48.1	48.7	48.9	50.3	50.6
Racial/ethnic group (percent)															
White, non-Hispanic	91.6	91.7	91.6	90.9	89.9	89.9	88.9	87.5	87.8	87.0	86.4	0.0	85.8	86.5	85.6
Black, non-Hispanic	3.0	2.9	2.9	2.3	3.0	2.7	3.0	2.9	2.9	3.1	3.6	0.0	4.2	3.8	4.2
Hispanic	3.0	3.2	3.5	4.2	4.3	3.9	4.2	4.4	3.8	4.3	4.5	0.0	4.7	4.8	5.3
Asian ¹	2.0	1.8	1.8	2.4	2.5	3.0	3.6	4.6	5.1	5.1	4.9	0.0	4.8	4.4	4.4
American Indian/ Alaska Native	0.3	0.4	0.2	0.3	0.3	0.5	0.3	0.6	0.4	0.5	0.5	0.0	0.6	0.5	0.5
Citizenship (percent)															
United States	87.3	85.7	78.8	78.3	77.0	77.7	78.3	78.3	78.6	77.4	76.5	77.1	78.0	78.5	78.4
Foreign	8.8	10.2	13.7	15.2	18.3	19.2	18.7	19.9	19.4	19.6	16.1	15.9	17.4	17.6	17.1
Unknown	3.9	4.1	7.4	6.5	4.7	3.2	3.0	1.8	1.9	3.0	7.4	7.0	4.6	3.9	4.5
Median age at doctorate (years)	33.4	33.5	35.0	35.7	35.8	35.6	35.6	35.7	35.4	35.2	35.2	35.1	35.1	34.8	35.0
Percent with bachelor's degree in same field as doctorate	64.2	61.0	58.2	57.1	57.7	56.5	56.4	57.4	56.6	55.8	46.1	46.9	48.2	47.9	55.1
Median time lapse from bachelor's to doctorate (years)															
Total time	10.6	10.8	12.1	12.2	12.3	12.0	11.9	12.0	12.0	11.8	11.7	11.6	11.7	11.4	11.5
Registered time	7.7	7.7	8.2	8.3	8.4	8.3	8.3	8.5	8.4	8.3	8.6	8.7	8.9	8.8	9.0

¹ Does not include Native Hawaiians or other Pacific Islanders.

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The classification of degrees by field used in this survey differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major differences are that history is included under humanities rather than social sciences and that psychology is included under social sciences. Includes American studies, archeology, art history, classics, com-

parative literature, history, English language and literature, foreign languages and literatures, letters, linguistics, music, philosophy, religion, speech and rhetorical studies, and theatre. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: *Survey of Doctorate Recipients from United States Universities*, various years, sponsored by the National Science Foundation, National Institutes of Health, U.S. Department of Education, National Endowment for the Humanities, U.S. Department of Agriculture, and the National Aeronautics and Space Administration. (This table was prepared June 2003.)

Table 302. Statistical profile of persons receiving doctor's degrees in the life sciences: Selected years, 1979–80 to 2000–01

Item	1979–80	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	5,325	5,461	5,734	6,605	6,933	7,115	7,395	7,739	7,918	8,255	8,213	8,540	8,126	8,529	8,296
Sex (percent)															
Men	74.8	73.6	66.0	62.6	61.4	60.7	58.3	58.4	57.9	56.5	55.0	54.5	55.3	53.1	52.8
Women	25.2	26.4	34.0	37.4	38.6	39.3	41.7	41.6	42.1	43.5	45.0	45.5	44.7	46.9	47.2
Racial/ethnic group (percent)															
White, non-Hispanic	91.8	91.7	90.5	89.6	88.0	87.3	85.1	78.2	74.9	75.5	77.5	78.5	78.5	80.1	80.4
Black, non-Hispanic	1.6	1.9	1.9	1.9	2.4	2.3	2.9	2.6	3.1	2.9	3.4	3.3	3.6	3.8	3.8
Hispanic	1.1	1.4	2.1	2.7	2.6	2.8	3.0	3.2	3.0	3.1	3.5	4.1	4.0	4.0	3.7
Asian ¹	5.3	4.8	4.9	5.6	6.6	7.1	8.7	15.7	18.5	17.9	15.3	13.6	13.4	11.7	11.7
American Indian/ Alaska Native	0.2	0.2	0.5	0.2	0.4	0.4	0.3	0.4	0.5	0.5	0.3	0.4	0.5	0.4	0.4
Citizenship (percent)															
United States	80.4	80.3	75.9	68.0	66.8	65.7	65.3	64.0	63.1	60.7	62.0	61.9	63.0	64.6	65.0
Foreign	17.6	17.1	18.8	26.3	29.1	31.8	32.6	34.9	35.2	37.0	31.7	31.4	33.4	31.6	29.6
Unknown	2.0	2.6	5.3	5.6	4.0	2.5	2.2	1.1	1.7	2.2	6.3	6.7	3.6	3.9	5.4
Median age at doctorate (years)	30.0	30.1	31.6	32.3	32.4	32.7	32.5	32.7	32.4	32.5	32.3	32.3	32.1	32.1	31.8
Percent with bachelor's degree in same field as doctorate	40.9	40.7	57.1	53.8	54.1	53.5	51.9	51.0	50.8	49.2	46.9	48.9	47.0	49.3	47.3
Median time lapse from bachelor's to doctorate (years)															
Total time	7.3	7.3	8.7	9.1	9.1	9.4	9.4	9.5	9.5	9.6	9.2	9.1	9.0	9.0	9.0
Registered time	5.8	5.9	6.4	6.7	6.7	6.7	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

¹ Does not include Native Hawaiians or other Pacific Islanders.

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The classification of degrees by field used in this survey differs somewhat from that in most publications of the National Center for Education Statistics (NCES). Includes agricultural, biological, and health sciences. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: *Survey of Doctorate Recipients from United States Universities*, various years, sponsored by the National Science Foundation, National Institutes of Health, U.S. Department of Education, National Endowment for the Humanities, U.S. Department of Agriculture, and the National Aeronautics and Space Administration. (This table was prepared June 2003.)

Table 303. Statistical profile of persons receiving doctor's degrees in the physical sciences: Selected years, 1979–80 to 2000–01

Item	1979–80	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates¹	3,151	3,208	3,679	4,262	4,441	4,575	4,470	4,799	4,618	4,632	4,573	4,639	4,389	4,168	4,138
Sex (percent)															
Men	87.7	88.7	83.6	81.2	81.0	79.1	78.9	79.0	77.3	78.1	77.2	75.2	76.2	74.4	74.1
Women	12.3	11.3	16.4	18.8	19.0	20.9	21.1	21.0	22.7	21.9	22.8	22.8	23.8	25.6	25.9
Racial/ethnic group (percent)															
White, non-Hispanic	90.0	90.5	89.5	89.3	88.8	86.4	84.5	74.8	70.6	76.0	78.9	81.8	82.8	83.8	84.2
Black, non-Hispanic	1.0	1.3	1.0	1.0	1.2	1.1	1.6	1.6	1.4	2.1	2.0	2.2	2.9	2.7	2.4
Hispanic	1.1	1.3	2.1	3.1	2.9	3.2	3.4	2.6	2.5	2.8	2.6	2.4	2.8	3.8	3.3
Asian ²	7.7	6.9	7.1	6.6	6.6	8.9	10.2	20.8	25.3	18.9	16.1	13.2	10.8	9.2	9.5
American Indian/ Alaska Native	0.2	0.1	0.2	0.1	0.5	0.5	0.3	0.2	0.3	0.3	0.4	0.4	0.6	0.6	0.5
Citizenship (percent)															
United States	75.9	75.4	66.1	61.0	59.3	57.9	57.1	56.3	56.7	54.7	57.5	56.5	56.8	56.5	55.3
Foreign	21.6	21.3	27.8	32.4	35.9	39.6	39.7	41.7	41.7	41.8	36.3	36.4	37.9	38.2	40.7
Unknown	2.4	3.3	6.1	6.7	4.8	2.5	3.2	2.1	1.8	3.5	6.2	7.1	5.3	5.2	3.9
Median age at doctorate (years)	29.1	29.0	29.9	30.7	30.2	30.3	30.6	30.7	30.7	30.8	30.4	30.2	30.6	30.3	30.3
Percent with bachelor's degree in same field as doctorate	76.5	76.6	73.4	80.0	76.9	74.5	72.9	73.0	70.8	69.6	65.4	66.8	66.7	66.2	68.2
Median time lapse from bachelor's to doctorate (years)															
Total time	6.8	6.7	7.1	7.8	7.5	7.8	8.0	8.2	8.1	8.0	7.5	7.5	7.6	7.7	7.4
Registered time	5.7	5.7	6.0	6.3	6.2	6.4	6.4	6.6	6.8	6.6	6.6	6.5	6.6	6.7	6.6

¹ Excludes mathematics and computer science.² Does not include Native Hawaiians or other Pacific Islanders.

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The classification of degrees by field used in this survey differs somewhat from that in most publications of the National Center for Education Statistics (NCES). Includes physics, astronomy, chemistry,

and earth, atmospheric, and marine sciences. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: *Survey of Doctorate Recipients from United States Universities*, various years, sponsored by the National Science Foundation, National Institutes of Health, U.S. Department of Education, National Endowment for the Humanities, U.S. Department of Agriculture, and the National Aeronautics and Space Administration. (This table was prepared June 2003.)

Table 304. Statistical profile of persons receiving doctor's degrees in the social sciences: Selected years, 1979–80 to 2000–01

Item	1979–80	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	6,253	6,505	5,893	6,093	6,152	6,216	6,545	6,613	6,635	6,814	6,917	7,075	7,036	7,115	6,825
Sex (percent)															
Men	65.4	64.4	57.6	53.7	50.6	52.6	50.7	50.6	49.2	48.4	47.3	45.5	45.5	45.4	45.6
Women	34.6	35.6	42.4	46.3	49.4	47.4	49.3	49.4	50.8	51.6	52.7	54.5	54.5	54.6	54.4
Racial/ethnic group (percent)															
White, non-Hispanic	90.7	91.0	89.7	88.2	87.2	87.7	86.9	85.0	82.8	83.3	82.9	1.7	82.0	82.0	82.4
Black, non-Hispanic	4.2	4.0	4.1	4.4	4.9	4.5	4.7	4.7	5.2	5.0	5.5	0.1	6.0	6.6	6.3
Hispanic	2.0	2.3	3.3	3.9	4.2	3.8	4.1	3.6	4.2	4.6	4.8	0.1	5.4	5.1	5.4
Asian ¹	2.8	2.5	2.6	3.0	3.3	3.6	4.0	6.1	7.3	6.4	6.2	0.0	5.4	5.5	5.2
American Indian/ Alaska Native	0.3	0.2	0.4	0.5	0.4	0.5	0.4	0.5	0.5	0.7	0.5	0.0	1.1	0.7	0.7
Citizenship (percent)															
United States	84.7	84.0	77.9	73.8	73.4	74.3	75.5	75.5	76.0	76.2	72.5	75.1	76.1	76.4	74.1
Foreign	11.6	11.9	15.3	18.0	19.8	21.2	21.3	21.7	21.4	20.7	17.8	17.1	17.5	18.1	19.3
Unknown	3.7	4.2	6.9	8.2	6.8	4.4	3.1	2.8	2.6	3.1	9.7	7.8	6.5	5.5	6.6
Median age at doctorate (years)	31.6	32.0	33.4	34.2	34.1	34.3	34.3	34.1	34.1	33.7	33.4	33.2	33.2	33.0	32.9
Percent with bachelor's degree in same field as doctorate	58.6	59.1	57.0	55.4	54.2	53.1	53.7	53.2	52.2	53.4	55.2	56.2	55.8	58.3	58.2
Median time lapse from bachelor's to doctorate (years)															
Total time	8.7	9.0	10.0	10.6	10.5	10.6	10.4	10.5	10.5	10.3	10.0	9.9	9.9	9.8	9.7
Registered time	6.4	6.5	7.2	7.5	7.5	7.5	7.5	7.5	7.5	7.4	7.5	7.5	7.5	7.5	7.6

¹ Does not include Native Hawaiians or other Pacific Islanders.

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The classification of degrees by field used in this survey differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major differences are that history is included under humanities rather than social sciences and that psychology is included under social sciences. Includes anthropology, area studies, criminology, demographic/population studies, economics, econometrics, geography, international relations/affairs, political science, public policy, psychology, sociology, statistics, and urban affairs/studies.

The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: *Survey of Doctorate Recipients from United States Universities*, various years, sponsored by the National Science Foundation, National Institutes of Health, U.S. Department of Education, National Endowment for the Humanities, U.S. Department of Agriculture, and the National Aeronautics and Space Administration. (This table was prepared June 2003.)

Table 305. Degrees awarded by degree-granting institutions, by control, level of degree, and state or jurisdiction: 2001–02

State or jurisdiction	Public					Private				
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	First-professional degrees ¹	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	First-professional degrees ¹
1	2	3	4	5	6	7	8	9	10	11
United States	471,660	841,512	249,828	27,622	33,439	123,473	450,388	232,290	16,538	47,259
Alabama	6,677	16,757	7,740	482	640	1,250	3,557	544	45	426
Alaska	858	1,277	354	19	0	48	100	78	0	0
Arizona	7,980	16,123	5,836	798	456	5,028	5,891	5,412	11	257
Arkansas	4,007	8,009	2,286	165	490	206	2,069	184	0	0
California	70,271	96,179	21,455	2,733	2,125	13,938	34,973	26,244	2,798	5,931
Colorado	5,029	18,168	5,016	607	492	3,047	4,107	3,549	114	353
Connecticut	3,349	6,954	2,553	221	379	1,064	7,693	4,957	372	613
Delaware	919	3,879	712	137	0	244	1,057	837	21	291
District of Columbia	106	291	69	0	54	506	8,300	7,295	541	2,627
Florida	38,746	38,064	11,371	1,269	1,335	10,206	18,287	8,923	1,014	1,882
Georgia	7,297	20,517	7,645	855	796	1,764	9,482	4,407	307	1,530
Hawaii	2,204	2,910	838	110	130	1,105	1,991	705	20	1
Idaho	1,618	4,497	1,113	91	132	2,965	416	128	0	0
Illinois	21,791	31,821	10,473	1,087	1,133	4,133	25,609	18,056	1,448	3,368
Indiana	8,165	22,681	6,281	887	1,066	3,726	11,266	2,808	135	545
Iowa	8,702	10,366	2,501	571	668	1,237	9,022	1,377	8	912
Kansas	6,635	11,602	3,830	416	682	574	3,185	1,225	0	19
Kentucky	5,187	12,469	4,018	306	757	2,118	3,932	896	76	247
Louisiana	4,054	16,767	4,265	401	763	1,316	3,545	1,590	136	747
Maine	1,459	3,450	742	39	67	516	2,343	577	0	117
Maryland	7,305	17,136	6,009	585	922	445	5,194	5,582	387	207
Massachusetts	11,605	12,645	4,074	372	89	2,646	30,452	21,810	1,915	3,823
Michigan	15,202	35,784	15,455	1,432	1,506	3,566	12,145	6,614	65	934
Minnesota	9,169	15,250	4,089	560	673	2,673	9,456	4,288	313	848
Mississippi	6,934	10,021	2,751	334	420	668	1,878	635	0	121
Missouri	7,234	16,965	4,401	401	692	3,714	15,117	9,513	552	1,728
Montana	1,348	4,700	959	73	121	180	577	31	0	0
Nebraska	3,415	6,952	2,422	255	337	791	3,687	789	78	458
Nevada	1,974	4,175	1,131	107	152	418	314	370	0	0
New Hampshire	1,443	3,698	791	55	0	1,480	3,551	1,587	68	166
New Jersey	10,937	20,884	5,861	528	1,019	1,706	7,492	4,469	452	521
New Mexico	3,493	5,333	2,034	280	286	264	1,099	582	0	0
New York	37,483	41,519	13,436	1,008	1,279	13,665	56,813	37,485	2,456	7,198
North Carolina	13,936	24,066	6,751	844	833	803	12,005	2,626	270	998
North Dakota	1,737	4,045	722	54	181	147	765	191	0	0
Ohio	15,737	33,545	11,050	1,450	2,018	4,151	19,203	7,026	471	1,264
Oklahoma	6,766	12,783	4,008	365	688	484	3,449	1,217	74	337
Oregon	5,832	10,207	3,299	362	366	686	4,243	1,606	56	654
Pennsylvania	11,506	34,136	9,037	1,164	1,652	12,320	34,863	14,164	1,143	2,786
Rhode Island	1,205	2,971	884	81	78	2,352	5,874	1,195	161	171
South Carolina	6,267	12,391	3,548	433	589	865	4,495	607	16	188
South Dakota	1,487	3,215	802	69	138	369	1,150	141	4	25
Tennessee	6,072	14,983	5,038	476	700	2,013	8,497	2,933	305	735
Texas	27,633	61,210	19,256	2,233	3,118	4,198	18,385	6,160	327	1,992
Utah	8,276	10,277	2,158	287	240	884	7,911	1,508	63	153
Vermont	758	2,319	417	54	93	757	2,354	963	3	168
Virginia	9,747	25,249	8,440	1,016	1,306	2,508	7,699	2,249	151	907
Washington	18,540	18,635	4,285	613	642	1,495	5,827	3,266	41	554
West Virginia	2,074	7,433	2,094	146	407	852	1,589	151	0	0
Wisconsin	9,809	21,304	5,083	736	607	641	7,479	2,740	121	457
Wyoming	1,682	1,655	445	55	122	741	0	0	0	0
U.S. Service Schools ²	0	3,245	0	0	0	0	0	0	0	0
Outlying areas	2,053	8,549	880	76	285	3,108	8,521	2,537	75	508
American Samoa	174	0	0	0	0	0	0	0	0	0
Federated States of Micronesia	176	0	0	0	0	0	0	0	0	0
Guam	125	354	131	0	0	25	0	0	0	0
Marshall Islands	35	0	0	0	0	0	0	0	0	0
Northern Marianas	82	27	0	0	0	0	0	0	0	0
Palau	32	0	0	0	0	0	0	0	0	0
Puerto Rico	1,382	7,957	720	76	285	3,083	8,521	2,537	75	508
Virgin Islands	47	211	29	0	0	0	0	0	0	0

¹ Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training). See Definitions for details.

² Excludes Uniformed Services University of the Health Sciences, National Defense University, Air Force Institute of Technology, Community College of the Air Force, Naval Postgraduate School, Joint Military Intelligence College, and the U.S. Army Command and General Staff College.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 306. Bachelor's and master's degrees conferred by degree-granting institutions, by field of study and state or jurisdiction: 2001–02

State or jurisdiction	Total		Humanities ¹		Social and behavioral sciences ²		Natural sciences ³		Computer sciences and engineering ⁴		Education		Business/management		Other fields ⁵	
	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States	1,291,900	482,118	225,863	35,553	209,545	29,000	90,502	14,726	121,263	43,033	106,383	136,579	281,330	120,785	257,014	102,442
Alabama	20,314	8,284	2,138	276	2,080	493	1,161	182	2,023	500	2,934	2,824	5,458	1,966	4,520	2,043
Alaska	1,377	432	211	44	197	29	111	26	90	41	184	162	257	61	327	69
Arizona	22,014	11,248	3,056	436	2,375	307	1,173	220	2,786	544	2,348	3,954	5,999	4,497	4,277	1,290
Arkansas	10,078	2,470	1,222	114	1,098	126	710	99	842	109	1,270	1,021	2,380	377	2,556	624
California	131,152	47,699	30,908	4,824	28,241	4,114	10,743	1,445	12,178	5,175	4,206	11,922	25,666	11,310	19,210	8,909
Colorado	22,275	8,565	3,939	505	4,552	602	1,984	363	2,435	1,203	47	1,723	4,832	2,708	4,486	1,461
Connecticut	14,647	7,510	3,331	592	3,617	397	1,079	249	762	568	501	2,122	2,594	1,932	2,763	1,650
Delaware	4,936	1,549	513	103	1,003	95	289	37	325	83	499	580	1,175	375	1,132	276
District of Columbia	8,591	7,364	1,345	683	2,315	861	402	280	1,334	1,075	78	664	1,870	1,726	1,247	2,075
Florida	56,351	20,294	6,785	755	7,698	1,061	2,638	530	4,970	1,868	5,189	4,778	15,467	6,100	13,604	5,202
Georgia	29,999	12,052	4,328	746	4,330	541	2,105	251	3,527	1,381	3,240	3,068	7,617	3,900	4,852	2,165
Hawaii	4,901	1,543	704	126	865	171	290	59	342	139	263	290	1,407	470	1,030	288
Idaho	4,913	1,241	671	63	562	38	385	69	431	73	786	565	793	177	1,285	256
Illinois	57,430	28,529	11,196	2,207	7,805	1,551	3,732	847	5,692	2,242	6,512	7,827	12,017	8,607	10,476	5,248
Indiana	33,947	9,089	5,171	803	3,931	402	1,992	333	3,783	633	4,263	2,111	7,394	2,791	7,413	2,016
Iowa	19,388	3,878	2,961	422	2,561	155	1,293	197	1,696	319	2,450	906	4,537	945	3,890	934
Kansas	14,787	5,055	2,048	317	1,802	224	964	135	1,347	367	1,635	1,579	3,371	1,234	3,620	1,199
Kentucky	16,401	4,914	2,202	265	2,289	230	1,189	132	1,041	400	1,901	2,014	3,718	655	4,061	1,218
Louisiana	20,312	5,855	2,922	454	2,343	285	1,679	285	1,984	432	2,057	1,388	4,631	1,212	4,696	1,799
Maine	5,793	1,319	1,161	65	1,087	28	517	27	441	34	663	532	644	158	1,280	475
Maryland	22,330	11,591	5,771	832	4,315	1,038	1,774	476	2,480	1,407	1,394	2,780	3,268	3,164	3,328	1,894
Massachusetts	43,097	25,884	8,001	1,706	9,780	1,573	3,305	611	4,170	2,387	1,611	7,577	7,955	5,707	8,275	6,323
Michigan	47,929	22,069	6,322	1,112	6,067	666	3,053	459	5,832	2,551	4,761	6,808	11,752	6,163	10,142	4,310
Minnesota	24,706	8,377	4,677	598	3,820	426	2,186	153	1,865	673	2,696	3,222	4,586	1,688	4,876	1,617
Mississippi	11,899	3,366	1,192	132	1,232	161	922	221	916	191	1,932	1,421	2,921	615	2,784	645
Missouri	32,082	13,914	4,263	740	4,000	1,354	2,046	247	3,123	723	3,361	3,135	8,574	5,157	6,715	2,558
Montana	5,277	990	839	99	645	89	449	76	641	75	727	302	909	102	1,067	247
Nebraska	10,639	3,211	936	146	1,156	152	692	92	656	162	1,326	1,006	3,055	618	2,818	1,045
Nevada	4,489	1,501	403	84	535	62	226	33	272	95	722	707	1,384	274	947	246
New Hampshire	7,249	2,378	1,279	100	1,465	91	467	61	514	176	536	636	1,636	937	1,352	377
New Jersey	28,376	10,330	5,172	821	6,240	447	2,169	331	2,985	1,324	2,129	2,794	5,045	2,444	4,636	2,169
New Mexico	6,432	2,616	1,089	202	658	125	412	105	745	248	875	777	1,488	579	1,165	580
New York	98,332	50,921	20,212	4,627	18,837	3,185	5,797	1,423	9,483	3,878	8,415	17,067	18,379	8,887	17,209	11,854
North Carolina	36,071	9,377	4,559	677	6,573	485	3,026	483	3,112	834	2,672	1,696	7,681	2,822	8,448	2,380
North Dakota	4,810	913	437	30	403	33	281	42	530	63	684	220	918	204	1,557	321
Ohio	52,748	18,076	8,216	1,617	7,103	901	3,383	647	4,638	1,397	6,422	6,019	11,558	4,396	11,428	3,099
Oklahoma	16,232	5,225	2,169	379	1,736	826	1,085	157	1,432	398	2,059	1,251	4,325	1,356	3,426	858
Oregon	14,450	4,905	3,314	383	3,183	269	1,069	165	1,113	331	544	1,952	2,607	764	2,620	1,041
Pennsylvania	68,999	23,201	10,578	1,738	10,541	1,231	4,957	671	6,847	2,135	7,188	6,184	15,157	5,812	13,731	5,430
Rhode Island	8,845	2,079	1,368	154	1,273	147	564	107	717	125	723	482	2,433	563	1,767	501
South Carolina	16,886	4,155	2,453	243	2,760	185	1,576	177	1,171	309	1,616	1,299	4,332	825	2,978	1,117
South Dakota	4,365	943	351	53	488	74	321	31	554	125	670	303	823	148	1,158	209
Tennessee	23,480	7,971	4,890	489	3,625	403	1,480	202	1,776	485	1,151	2,934	5,352	1,731	5,206	1,727
Texas	79,595	25,416	17,043	2,020	10,551	1,474	5,510	896	6,526	2,862	2,400	5,626	19,810	7,428	17,755	5,110
Utah	18,188	3,666	3,037	314	2,850	143	1,224	120	1,786	345	2,047	723	3,287	1,188	3,957	833
Vermont	4,673	1,380	1,298	530	1,071	73	310	46	201	43	275	450	606	115	912	123
Virginia	32,948	10,689	7,015	983	7,106	801	2,587	319	3,101	1,245	798	3,266	6,548	1,936	5,793	2,139
Washington	24,462	7,551	5,683	432	4,522	422	1,908	296	1,973	522	1,445	2,260	4,401	1,683	4,530	1,936
West Virginia	9,022	2,245	1,682	107	1,078	97	554	70	676	183	1,168	805	1,647	311	2,217	672
Wisconsin	28,783	7,823	3,590	372	4,367	317	2,217	191	2,398	517	2,704	2,751	6,592	1,895	6,915	1,780
Wyoming	1,655	445	106	33	194	40	159	52	198	38	306	96	246	72	446	114
U.S. Service Schools	3,245	0	1,106	0	620	0	357	0	803	0	0	0	228	0	131	0
Outlying areas	17,070	3,417	657	60	1,224	195	1,700	57	1,545	194	2,374	1,037	6,025	1,157	3,545	717
Guam	354	131	26	0	33	0	25	2	11	0	98	59	60	50	101	20
Northern Marianas	27	0	0	0	0	0	0	0	0	0	27	0	0	0	0	0
Puerto Rico	16,478	3,257	613	60	1,181	195	1,652	55	1,525	194	2,201	963	5,878	1,097	3,428	693
Virgin Islands	211	29	18	0	10	0	23	0	9	0	48	15	87	10	16	4

¹ Includes degrees in area and ethnic studies; English language, literature, and letters; foreign languages; liberal/general studies; multi/interdisciplinary studies; philosophy and religion; theology; and visual and performing arts.

² Includes psychology and social sciences and history.

³ Includes biological sciences; physical sciences and science technologies; and mathematics.

⁴ Includes computer and information sciences; engineering; engineering technologies, mechanics and repairers, and construction trades.

⁵ Includes agriculture and natural resources; architecture and environmental design; communications and communications technologies; health sciences; home economics and vocational home economics; law; library and archival sciences; military sciences; parks and recreation; protective services; public affairs; transportation and material moving; and not classified by field of study.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)

Table 307. Earned degrees conferred by degree-granting institutions, by level of degree and state or jurisdiction: 2000-01 and 2001-02

State or jurisdiction	2000-01					2001-02				
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	First-professional degrees ¹	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	First-professional degrees ¹
1	2	3	4	5	6	7	8	9	10	11
United States	578,865	1,244,171	468,476	44,904	79,707	595,133	1,291,900	482,118	44,160	80,698
Alabama	8,140	20,823	8,138	510	1,124	7,927	20,314	8,284	527	1,066
Alaska	961	1,338	406	27	0	906	1,377	432	19	0
Arizona	13,334	20,856	10,537	696	709	13,008	22,014	11,248	809	713
Arkansas	4,014	9,628	2,267	144	512	4,213	10,078	2,470	165	490
California	79,468	123,382	45,933	5,795	8,343	84,209	131,152	47,699	5,531	8,056
Colorado	7,982	21,410	8,398	748	839	8,076	22,275	8,565	721	845
Connecticut	4,257	14,080	7,607	607	962	4,413	14,647	7,510	593	992
Delaware	1,097	4,504	1,479	191	267	1,163	4,936	1,549	158	291
District of Columbia	659	8,166	7,381	527	2,517	612	8,591	7,364	541	2,681
Florida	50,049	52,557	19,482	2,120	3,027	48,952	56,351	20,294	2,283	3,217
Georgia	8,173	28,790	10,761	1,101	2,336	9,061	29,999	12,052	1,162	2,326
Hawaii	3,315	4,896	1,704	193	133	3,309	4,901	1,543	130	131
Idaho	5,016	4,646	1,072	91	159	4,583	4,913	1,241	91	132
Illinois	25,931	55,633	27,170	2,671	4,491	25,924	57,430	28,529	2,535	4,501
Indiana	10,849	31,881	8,473	1,179	1,596	11,891	33,947	9,089	1,022	1,611
Iowa	9,387	18,652	3,493	617	1,622	9,939	19,388	3,878	579	1,580
Kansas	7,294	14,662	5,155	426	672	7,209	14,787	5,055	416	701
Kentucky	6,560	15,434	4,820	361	1,018	7,305	16,401	4,914	382	1,004
Louisiana	6,817	19,990	5,860	553	1,565	5,370	20,312	5,855	537	1,510
Maine	2,197	5,429	1,189	41	212	1,975	5,793	1,319	39	184
Maryland	7,431	22,085	10,872	964	1,028	7,750	22,330	11,591	972	1,129
Massachusetts	10,372	42,731	25,371	2,234	3,898	14,251	43,097	25,884	2,287	3,912
Michigan	19,534	46,115	21,342	1,403	2,371	18,768	47,929	22,069	1,497	2,440
Minnesota	10,898	23,355	8,096	975	1,568	11,842	24,706	8,377	873	1,521
Mississippi	7,158	11,232	3,340	332	481	7,602	11,899	3,386	334	541
Missouri	10,671	30,174	13,456	908	2,480	10,948	32,082	13,914	953	2,420
Montana	1,471	5,183	977	56	83	1,528	5,277	990	73	121
Nebraska	3,988	10,782	3,187	340	793	4,206	10,639	3,211	333	795
Nevada	2,164	4,358	1,517	91	139	2,392	4,489	1,501	107	152
New Hampshire	2,975	7,254	2,387	126	183	2,923	7,249	2,378	123	166
New Jersey	11,774	26,948	9,757	1,055	1,605	12,643	28,376	10,330	980	1,540
New Mexico	4,806	6,551	2,596	265	249	3,757	6,432	2,616	280	286
New York	51,605	96,287	49,922	3,633	7,778	51,148	98,332	50,921	3,464	8,477
North Carolina	14,264	34,767	9,419	1,130	1,900	14,739	36,071	9,377	1,114	1,831
North Dakota	2,044	4,688	842	67	168	1,884	4,810	913	54	181
Ohio	19,289	50,856	17,612	2,021	3,222	19,888	52,748	18,076	1,921	3,282
Oklahoma	7,002	15,932	5,232	504	989	7,250	16,232	5,225	439	1,025
Oregon	6,312	13,887	4,848	463	1,133	6,518	14,450	4,905	418	1,020
Pennsylvania	23,295	66,514	22,209	2,244	4,278	23,826	68,999	23,201	2,307	4,438
Rhode Island	3,582	8,283	1,928	250	250	3,557	8,845	2,079	242	249
South Carolina	6,938	16,316	4,588	419	755	7,132	16,886	4,155	449	777
South Dakota	1,754	4,223	983	99	160	1,856	4,365	943	73	163
Tennessee	7,584	22,823	8,093	767	1,446	8,085	23,480	7,971	781	1,435
Texas	31,560	76,074	24,687	2,752	5,044	31,831	79,595	25,416	2,560	5,110
Utah	8,534	17,091	3,642	336	387	9,160	18,188	3,666	350	393
Vermont	1,484	4,697	1,357	62	263	1,515	4,673	1,380	57	261
Virginia	11,502	32,822	10,867	1,094	2,134	12,255	32,948	10,689	1,167	2,213
Washington	18,710	23,441	7,753	662	1,183	20,035	24,462	7,551	654	1,196
West Virginia	2,959	8,704	2,389	132	437	2,926	9,022	2,245	146	407
Wisconsin	9,458	28,493	7,468	852	1,080	10,450	28,783	7,823	857	1,064
Wyoming	2,247	1,677	414	70	118	2,423	1,655	445	55	122
U.S. Service Schools ²	0	3,071	0	0	0	0	3,245	0	0	0
Outlying areas	6,745	16,137	2,853	164	865	5,161	17,070	3,417	151	793
American Samoa	160	0	0	0	0	174	0	0	0	0
Federated States of Micronesia	147	0	0	0	0	176	0	0	0	0
Guam	86	159	45	0	0	150	354	131	0	0
Marshall Islands	55	0	0	0	0	35	0	0	0	0
Northern Marianas	72	0	0	0	0	82	27	0	0	0
Palau	30	0	0	0	0	32	0	0	0	0
Puerto Rico	6,130	15,758	2,756	164	865	4,465	16,478	3,257	151	793
Virgin Islands	65	220	52	0	0	47	211	29	0	0

¹ Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training). See Definitions for details.

² Excludes Uniformed Services University of the Health Sciences, National Defense University, Air Force Institute of Technology, Community College of the Air Force, Naval Postgraduate School, Joint Military Intelligence College, and the U.S. Army Command and General Staff College.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2002 surveys. (This table was prepared August 2003.)

Table 308. Doctor's degrees conferred by 60 large degree-granting institutions: 1992-93 to 2001-02

Institution	Rank order ¹	Total, 1992-93 to 2001-02	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11	12	13
United States, all institutions	†	444,250	42,132	43,185	44,446	44,652	45,876	46,010	44,077	44,808	44,904	44,160
Total, 60 large institutions	†	242,991	23,997	24,621	25,021	24,852	25,089	25,305	23,750	23,929	23,605	22,822
University of California, Berkeley	1	7,859	810	896	828	770	759	756	720	756	759	805
The University of Texas at Austin	2	7,278	686	714	727	744	786	836	754	659	733	639
University of Wisconsin, Madison	3	7,238	676	783	758	753	782	757	687	729	663	650
University of Illinois at Urbana	4	6,783	705	666	761	698	735	706	646	597	667	602
University of Minnesota, Twin Cities	5	6,669	627	707	685	763	704	729	658	604	632	560
Ohio State University, Main Campus	6	6,599	685	710	699	717	721	636	561	620	633	617
University of Michigan, Ann Arbor	7	6,490	654	649	714	691	635	690	650	629	568	610
University of California, Los Angeles	8	6,174	657	620	663	611	616	607	589	606	612	593
Harvard University	9	5,868	540	538	556	528	623	803	615	602	520	543
Stanford University	10	5,797	581	560	574	585	607	606	574	589	573	548
Pennsylvania State University, Main Campus	11	5,287	495	507	563	510	523	571	560	513	526	519
Texas A & M University	12	5,283	496	579	564	574	541	525	501	490	509	504
Columbia University in the City of New York	13	5,138	687	644	660	404	482	469	414	461	465	452
Nova Southeastern University	14	5,087	433	485	450	447	534	540	537	587	519	555
Massachusetts Institute of Technology	15	5,087	516	508	521	554	514	520	486	475	492	501
University of Southern California	16	4,906	415	415	539	539	448	515	536	481	522	496
Cornell University ²	17	4,844	520	593	525	516	485	474	485	441	423	382
Purdue University, Main Campus	18	4,825	504	493	509	508	478	496	496	468	464	409
University of Washington, Seattle	19	4,797	416	455	482	495	526	479	520	486	486	452
University of Maryland, College Park Campus	20	4,765	490	528	480	466	505	474	501	461	430	430
University of Florida	21	4,675	372	442	400	434	429	456	445	516	574	607
University of Pennsylvania	22	4,419	506	488	539	447	440	436	380	427	376	380
Michigan State University	23	4,285	401	429	419	484	411	451	404	444	414	428
University of Arizona	24	3,996	373	442	396	384	445	411	411	405	359	370
Rutgers University, New Brunswick	25	3,910	376	400	405	416	410	402	375	371	392	363
New York University	26	3,854	404	391	380	356	392	446	300	402	368	415
University of North Carolina at Chapel Hill	27	3,851	388	373	369	365	387	382	374	425	398	390
Indiana University, Bloomington	28	3,719	348	348	383	374	366	361	363	409	420	347
University of Chicago	29	3,699	346	395	366	381	364	368	384	391	371	333
University of Georgia	30	3,504	352	309	342	343	328	369	365	352	351	393
Virginia Polytechnic Institute and State U.	31	3,498	369	379	361	378	410	349	349	309	268	326
University of Pittsburgh, Main Campus	32	3,488	333	334	324	358	387	380	360	316	360	336
Northwestern University	33	3,465	363	305	375	359	357	377	309	321	350	349
Yale University	34	3,423	369	348	366	367	329	365	322	334	313	310
University of California, Davis	35	3,405	306	323	341	397	351	337	310	357	337	346
University of Iowa	36	3,362	331	342	340	377	364	327	310	317	334	320
Johns Hopkins University	37	3,335	318	262	271	321	329	360	366	351	384	373
University of Virginia, Main Campus	38	3,198	315	294	312	325	368	302	302	343	316	321
North Carolina State University at Raleigh	39	3,128	283	300	304	325	314	322	358	316	306	300
State University of New York at Buffalo	40	3,037	320	345	318	346	314	295	271	303	294	231
University of Massachusetts, Amherst	41	3,028	370	338	307	338	282	299	270	276	261	287
University of Colorado at Boulder	42	2,961	299	306	299	297	328	309	307	266	292	258
City University of New York, Graduate School and University Center	43	2,921	318	286	294	302	310	333	277	280	250	271
Boston University	44	2,878	271	289	315	309	276	307	287	274	304	246
Arizona State University, Main Campus	45	2,858	270	258	305	315	274	287	273	286	277	313
University of California, San Diego	46	2,849	280	285	274	259	281	310	303	294	285	278
Iowa State University	47	2,766	322	307	318	287	255	300	257	238	243	239
Florida State University	48	2,751	262	274	295	273	306	305	273	263	252	248
Temple University	49	2,731	282	287	315	281	306	285	248	263	238	226
Princeton University	50	2,688	249	267	300	286	296	263	250	279	268	230
University of Tennessee	51	2,618	249	226	257	281	295	254	255	286	239	276
University of South Carolina at Columbia	52	2,592	281	288	237	267	274	243	268	246	235	253
University of Missouri, Columbia	53	2,537	260	253	219	248	264	277	230	256	278	252
University of Cincinnati, Main Campus	54	2,492	226	273	264	227	298	274	230	238	248	214
University of Nebraska at Lincoln	55	2,446	221	227	229	261	276	282	251	251	235	213
University of Connecticut	56	2,430	216	246	265	239	254	253	227	275	234	221
University of Kansas, Main Campus	57	2,385	193	225	250	243	248	278	267	246	231	204
Louisiana St. U. & A&M and Hebert Laws Center	58	2,372	188	218	222	238	234	258	253	275	264	222
Duke University	59	2,348	191	201	246	230	258	238	249	230	259	246
State University of New York at Stony Brook	60	2,315	283	268	241	261	275	265	227	244	231	20

†Not applicable.

¹Institutions are ranked by the total number of doctor's degrees conferred during the 10-year period ending June 30, 2002.²Includes degrees conferred by the Endowed and Statutory Colleges.

NOTE: Data for 1998-99 imputed using alternative procedures. (See Guide to Sources for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys, 1992-93 through 1998-99, and Fall 2000 through Fall 2002 surveys. (This table was prepared October 2003.)

Table 309. Percentage distribution of 1980 high school sophomores, by highest level of education completed through 1992 and selected student characteristics: 1980, 1982, and 1992

Student characteristic	All 1980 sophomores	Less than high school	High school	Certificate	Associate degree	Bachelor's degree	Master's degree	Professional degree	Doctor's degree
1	2	3	4	5	6	7	8	9	10
Total	100.0	5.8	51.5	11.0	7.9	20.0	2.7	0.9	0.2
Sex									
Male	100.0	6.5	53.5	9.7	6.7	19.5	2.6	1.3	0.2
Female	100.0	5.0	49.5	12.4	9.1	20.5	2.8	0.5	0.1
Race/ethnicity									
White, non-Hispanic	100.0	4.9	49.1	10.1	8.4	23.1	3.2	1.0	0.2
Black, non-Hispanic	100.0	6.9	59.6	16.3	5.2	10.0	1.5	0.5	0.2
Hispanic	100.0	11.9	59.6	11.2	7.3	9.0	0.6	0.3	—
Asian/Pacific Islander	100.0	0.6	40.9	6.9	6.2	32.7	4.7	7.5	0.7
American Indian/Alaska Native	100.0	17.8	58.2	11.8	5.0	6.7	0.5	—	—
Socioeconomic status (1980)									
Low quartile	100.0	9.0	64.6	12.3	6.9	6.4	0.7	0.1	—
Middle two quartiles	100.0	3.9	53.8	11.5	9.1	19.0	2.0	0.5	0.1
High quartile	100.0	1.4	32.7	7.0	7.6	41.2	6.9	2.7	0.5
Test score composite (1982)									
Low quartile	100.0	15.6	64.0	13.0	4.1	3.0	0.2	—	0.1
Middle two quartiles	100.0	3.1	56.2	12.8	10.1	16.1	1.5	0.3	—
High quartile	100.0	0.1	26.5	4.8	7.2	49.2	8.7	3.0	0.6
Parents' educational attainment in 1980									
No high school diploma	100.0	6.5	59.8	12.8	8.6	10.8	1.2	0.3	0.1
High school graduate	100.0	5.2	59.1	12.4	6.0	16.6	0.3	0.4	—
Vocational/technical	100.0	3.0	49.2	15.4	10.2	19.1	2.4	0.5	0.1
Some college	100.0	2.1	43.7	8.4	8.4	32.0	4.3	1.0	0.2
Bachelor's degree	100.0	1.4	32.6	4.9	8.1	42.4	6.9	3.1	0.5
Advanced degree	100.0	3.5	23.9	8.6	4.9	44.1	10.0	4.3	0.7
High school diploma status									
Regular diploma in 1982	100.0	0.3	51.9	10.8	8.7	23.9	3.2	1.1	0.2
Returned for diploma	100.0	6.8	68.3	14.4	7.0	3.4	0.1	0.1	—
Returned but no diploma	100.0	27.1	47.7	19.9	3.4	1.9	—	—	—
Never returned	100.0	51.5	35.7	9.5	2.1	0.9	0.3	—	—
Postsecondary expectations in 1982									
None	100.0	15.5	71.1	9.3	3.0	1.0	0.1	—	0.1
Vocational/technical	100.0	4.6	61.6	19.8	10.7	3.3	0.1	—	—
Less-than-4-year degree	100.0	1.6	53.2	13.3	15.6	15.0	1.1	0.2	—
Bachelor's degree	100.0	0.9	35.3	6.8	6.3	44.9	5.0	0.8	0.1
Advanced degree	100.0	0.8	28.9	5.2	5.7	45.1	9.0	4.4	0.8
Type of start in postsecondary education									
Fall 1982 full-time 4-year	100.0	—	21.2	3.5	4.6	57.8	9.0	3.4	0.5
Fall 1982 full-time public 2-year	100.0	0.3	36.5	11.9	24.4	24.6	2.1	0.2	—
Fall 1982 part-time 4-year	100.0	—	52.2	6.7	10.0	27.2	3.5	0.1	0.4
Fall 1982 part-time public 2-year	100.0	1.6	59.5	13.4	9.4	14.4	0.9	0.8	—
Fall 1982 other	100.0	0.2	23.0	34.3	24.5	15.7	1.9	0.4	—
Delayed 4-year	100.0	0.4	55.6	8.1	7.4	24.0	3.7	0.4	0.4
Delayed public 2-year	100.0	1.7	63.0	16.9	12.0	6.2	0.2	—	—
Delayed other	100.0	1.9	31.4	48.4	14.4	3.8	0.1	0.1	—
Other enrollment	100.0	—	—	86.5	5.1	6.0	1.1	0.4	0.8
Never enrolled	100.0	16.1	83.9	—	—	—	—	—	—

—Not available.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: National Center for Education Statistics, High School and Beyond, *Educational Attainment of High School Sophomores by 1992*. (This table was prepared May 1995.)

Table 310. Mean number of semester credits completed by bachelor's degree recipients, by course area and major: 1976, 1984, and 1992-93

Selected college major	Course areas									
	Total	Business	Computer science	Education	Engineering	Mathematics	Biological sciences	Physical sciences	Social sciences and psychology	Other
1	2	3	4	5	6	7	8	9	10	11
1972 high school seniors who completed bachelor's degrees by 1976										
Mean, all majors	124.0	7.8	1.0	9.7	2.3	7.4	7.6	9.0	30.3	48.8
Business and management	124.4	41.2	2.3	0.5	0.4	10.2	2.5	4.8	30.4	32.0
Computer science	133.3	6.6	33.5	0.4	5.3	22.4	1.9	7.8	20.6	34.8
Education	126.4	0.9	0.3	40.2	—	5.0	5.5	4.3	23.9	46.4
Engineering	134.8	1.6	2.0	0.1	50.0	18.2	1.3	20.5	14.0	27.1
English	117.8	0.5	0.1	7.8	0.1	3.2	3.4	3.4	24.2	75.2
Fine arts	124.9	0.3	0.1	6.6	—	1.3	2.5	2.1	13.6	98.4
Life sciences	122.2	0.4	0.8	1.7	—	8.4	35.6	26.2	17.8	31.3
Physical sciences	122.7	0.8	1.4	0.9	1.9	16.2	9.6	49.5	13.1	29.2
Psychology	119.1	2.0	0.5	5.9	0.3	5.5	6.2	5.9	56.0	36.9
Social sciences	120.6	3.4	0.4	3.3	0.4	5.3	3.2	4.3	60.3	40.1
1980 high school seniors who completed bachelor's degrees by 1984										
Mean, all majors	123.5	12.8	3.3	6.2	4.6	8.4	5.3	8.1	27.5	47.2
Business and management	122.8	41.2	4.5	0.6	1.1	8.9	2.2	3.9	27.5	32.7
Computer science	129.3	11.8	27.9	0.3	4.7	21.3	1.8	8.5	19.0	33.9
Education	127.4	0.7	0.3	45.5	0.1	4.4	4.4	3.8	20.8	47.3
Engineering	132.3	1.0	2.3	0.8	52.5	16.2	1.1	20.2	12.3	25.9
English	114.8	1.7	1.5	6.9	—	2.2	2.1	4.7	21.4	74.4
Fine arts	120.5	1.7	0.6	5.1	—	1.7	2.7	1.5	14.1	93.1
Life sciences	121.9	0.7	1.5	1.9	0.2	10.1	33.5	22.6	18.1	33.3
Physical sciences	124.3	0.2	4.9	0.1	2.0	14.1	12.9	48.7	11.6	30.0
Psychology	120.7	3.0	2.7	2.1	—	6.5	5.8	4.2	55.2	41.2
Social sciences	119.2	6.0	1.4	1.0	0.5	5.4	4.4	5.1	52.0	43.3
1988-89 high school seniors who completed bachelor's degrees by 1993										
Mean, all majors	126.5	12.8	3.0	5.7	3.2	7.3	6.0	7.6	29.5	51.7
Business and management	123.9	44.4	3.9	0.9	0.1	7.6	2.6	3.3	23.1	37.9
Computer science	127.6	15.7	34.3	0.4	2.4	15.7	1.7	6.4	17.6	33.5
Education	126.8	1.6	1.5	32.6	—	5.9	4.7	4.4	24.5	51.6
Engineering	136.9	1.4	7.0	0.6	57.9	16.7	1.4	19.0	12.2	20.8
English	127.5	1.8	1.0	3.0	0.1	4.0	3.5	3.8	22.7	87.5
Fine arts	129.6	1.8	1.3	2.2	0.8	3.1	2.4	2.6	19.8	95.7
Life sciences	128.9	1.1	1.4	2.1	1.0	8.0	33.8	23.3	20.7	37.5
Physical sciences	129.1	1.1	2.7	1.1	2.3	15.0	7.5	49.3	16.9	33.2
Psychology	125.3	3.8	1.2	3.6	0.1	5.0	4.9	4.5	53.6	48.6
Social sciences	125.5	6.2	1.2	1.8	0.1	4.8	2.9	5.1	55.7	47.6
All bachelor's degree recipients of 1992-93										
Mean, all majors	132.2	14.6	3.7	7.2	5.4	8.3	6.0	7.8	27.3	52.0
Business and management	129.5	46.8	4.7	0.9	0.7	8.8	2.8	3.6	23.6	37.6
Computer science	137.0	17.4	37.1	0.4	5.0	16.7	2.5	7.5	17.3	33.0
Education	135.9	2.2	1.5	40.1	0.3	6.3	5.4	5.0	24.7	50.5
Engineering	142.1	2.1	7.1	0.3	61.3	17.8	1.3	18.1	11.4	22.8
English	128.8	2.9	1.4	4.6	0.1	4.3	3.5	4.2	23.2	84.5
Fine arts	133.4	2.7	2.0	3.2	0.9	3.7	2.5	4.2	19.3	94.7
Life sciences	132.5	1.7	1.6	2.9	0.9	8.7	34.8	22.3	21.3	38.2
Physical sciences	137.8	2.6	2.9	1.9	4.0	15.5	8.2	50.6	18.2	33.9
Psychology	129.0	4.0	1.4	4.2	0.3	5.5	5.1	4.2	52.4	52.0
Social sciences	127.9	6.2	1.4	2.3	0.3	5.6	3.3	5.4	54.8	48.6

—Not available.

NOTE: All majors total includes fields not shown separately. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Longitudinal Study of 1972; High School and Beyond; and Baccalaureate and Beyond survey. (This table was prepared January 1999.)

Table 311. Percent of degree-granting institutions with first-year undergraduates using various selection criteria for admission, by type and control of institution: 2000–01, 2001–02, and 2002–03

Selection criteria	All institutions			Public institutions			Private institutions								
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Not-for-profit			For-profit		
										Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of institutions with first-year undergraduates															
2000–01	3,717	2,034	1,683	1,647	580	1,067	2,070	1,454	616	1,383	1,247	136	687	207	480
2001–02	3,803	2,102	1,701	1,663	579	1,084	2,140	1,523	617	1,410	1,278	132	730	245	485
2002–03	3,796	2,105	1,691	1,655	577	1,078	2,141	1,528	613	1,392	1,268	124	749	260	489
Percent of institutions															
Open admissions															
2000–01	40.2	12.9	73.2	63.8	12.1	91.9	21.4	13.3	40.7	14.0	11.7	34.6	36.5	22.7	42.5
2001–02	42.3	14.8	76.2	65.5	11.4	94.5	24.2	16.2	44.1	14.2	11.7	37.9	43.6	39.2	45.8
2002–03	43.3	16.2	76.9	66.5	12.5	95.4	25.3	17.7	44.4	14.6	12.5	36.3	45.3	43.1	46.4
Some admission requirements¹															
2000–01	58.4	85.8	25.1	35.4	87.4	7.1	76.6	85.2	56.3	84.5	86.8	63.2	60.7	75.4	54.4
2001–02	56.4	83.6	22.8	34.1	87.9	5.4	73.8	82.0	53.5	84.0	86.4	61.4	54.0	59.2	51.3
2002–03	55.4	82.5	21.6	33.2	87.0	4.5	72.5	80.8	51.9	84.0	86.1	62.1	51.1	54.6	49.3
Secondary grades															
2000–01	34.6	58.7	5.5	23.9	63.4	2.4	43.0	56.7	10.7	60.1	64.1	23.5	8.7	12.6	7.1
2001–02	34.3	58.0	4.9	24.4	65.8	2.3	42.0	55.1	9.6	59.7	63.4	24.2	7.7	11.8	5.6
2002–03	34.3	58.1	4.8	24.2	65.5	2.1	42.1	55.2	9.5	61.4	64.6	28.2	6.4	9.6	4.7
Secondary class rank															
2000–01	13.7	24.3	1.0	10.9	30.3	0.3	16.0	21.9	2.3	23.2	25.1	5.9	1.6	2.4	1.3
2001–02	13.1	23.1	0.7	10.6	30.2	0.2	15.0	20.4	1.6	22.1	23.8	6.1	1.1	2.4	0.4
2002–03	12.5	21.9	0.7	10.5	29.8	0.2	14.0	18.9	1.6	21.0	22.6	5.6	0.8	1.2	0.6
Secondary school record															
2000–01	45.8	70.3	16.2	29.4	72.9	5.8	58.7	69.2	34.1	73.2	75.5	52.2	29.5	30.9	29.0
2001–02	46.1	71.1	15.1	29.3	75.0	5.0	59.1	69.7	32.9	74.8	77.2	51.5	28.8	30.6	27.8
2002–03	48.3	73.1	17.4	29.2	75.7	4.4	63.0	72.1	40.3	76.4	78.3	57.3	38.1	41.9	36.0
College preparatory program															
2000–01	15.5	27.3	1.2	16.2	44.0	1.1	14.9	20.7	1.3	22.1	24.1	4.4	0.4	0.5	0.4
2001–02	15.6	27.5	1.0	17.0	46.6	1.1	14.6	20.2	0.8	22.1	23.9	3.8	0.1	0.4	#
2002–03	15.7	27.6	0.8	17.3	47.8	1.0	14.4	20.0	0.5	22.1	24.1	2.4	0.1	0.4	#
Recommendations															
2000–01	20.4	34.4	3.5	2.7	7.4	0.2	34.4	45.1	9.3	46.6	49.2	22.8	10.0	20.8	5.4
2001–02	19.9	33.3	3.2	3.0	8.1	0.3	32.9	42.9	8.3	47.5	50.2	22.0	4.8	5.3	4.5
2002–03	20.0	33.8	2.9	3.1	8.5	0.3	33.1	43.4	7.5	48.4	51.1	21.0	4.7	5.8	4.1
Demonstration of competencies²															
2000–01	8.0	12.1	3.0	2.2	5.0	0.7	12.7	15.0	7.1	12.1	12.7	7.4	13.7	29.0	7.1
2001–02	6.7	9.8	2.9	2.3	6.0	0.3	10.1	11.2	7.5	10.2	10.6	6.8	9.9	14.3	7.6
2002–03	7.0	9.5	3.8	2.5	6.8	0.3	10.4	10.5	10.1	9.8	10.2	5.6	11.6	12.3	11.2
Test scores³															
2000–01	47.2	72.5	16.7	33.2	83.4	5.8	58.5	68.2	35.6	70.3	73.4	41.9	34.6	36.7	33.8
2001–02	45.5	70.5	14.7	32.1	84.1	4.3	55.9	65.3	32.9	68.2	71.8	34.1	32.2	31.4	32.6
2002–03	43.3	69.1	11.2	31.5	83.5	3.7	52.5	63.7	24.5	67.2	71.3	25.0	25.1	26.5	24.3
TOEFL⁴															
2000–01	43.4	71.2	9.9	30.2	77.4	4.6	54.0	68.7	19.2	66.2	70.1	30.9	29.3	60.4	15.8
2001–02	42.1	68.7	9.3	29.8	78.1	4.0	51.7	65.1	18.6	65.5	69.2	29.5	25.1	43.7	15.7
2002–03	42.4	69.2	8.9	30.0	79.0	3.7	51.9	65.5	18.1	66.8	70.3	31.5	24.3	42.3	14.7
No admission requirements, only recommendations															
2000–01	1.4	1.2	1.7	0.8	0.5	0.9	1.9	1.5	2.9	1.5	1.4	2.2	2.8	1.9	3.1
2001–02	1.3	1.5	1.0	0.4	0.7	0.2	2.0	1.8	2.4	1.8	1.9	0.8	2.5	1.6	2.9
2002–03	1.4	1.3	1.5	0.3	0.5	0.2	2.2	1.6	3.8	1.4	1.4	1.6	3.6	2.3	4.3

Rounds to zero.

¹ Many institutions have more than one admission requirement.

² Formal demonstration of competencies (e.g. portfolios, certificates of mastery, assessment instruments).

³ Includes SAT, ACT, or other admission tests.

⁴ Test of English as a Foreign Language.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics, 2000–01 survey," and Spring 2001 and Spring 2002 surveys. (This table was prepared November 2003.)

Table 312. Percent of degree-granting institutions offering remedial services, by type and control of institution: 1988–89 to 2002–03

Type and control of institution	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–2001	2001–02	2002–03	Change in percentage points	
																1988–89 to 1996–97	1997–98 to 2002–03
Total	74.9	76.6	77.7	78.6	78.5	79.0	79.8	79.5	80.0	76.7	76.1	76.1	75.1	73.3	72.5	5.1	–4.2
All 4-year colleges	68.2	69.6	70.6	71.4	71.5	72.2	73.6	73.0	73.1	72.5	72.0	71.6	71.4	69.0	67.6	4.8	–4.9
All 2-year colleges	84.7	87.2	88.4	89.2	88.8	89.5	89.1	89.4	91.0	82.2	81.5	82.2	80.4	79.5	79.5	6.3	–2.7
Public institutions	91.0	92.4	93.0	93.9	93.5	93.7	93.7	93.7	94.0	93.8	93.6	93.5	93.1	92.3	91.7	2.9	–2.1
4-year colleges	81.8	82.9	83.5	84.5	84.5	84.6	85.3	85.4	85.1	85.2	84.2	83.6	81.7	79.9	78.4	3.3	–6.7
2-year colleges	96.6	98.2	98.9	99.6	98.8	98.7	98.6	98.6	99.2	98.7	99.0	99.2	99.7	99.4	99.4	2.6	0.7
Private institutions	62.0	64.1	65.6	66.3	66.4	67.4	68.6	68.0	68.6	64.2	63.6	63.9	62.8	60.2	59.0	6.6	–5.2
4-year colleges	63.0	64.5	65.6	66.4	66.5	67.5	69.2	68.4	68.6	67.8	67.7	67.4	67.9	65.3	63.9	5.7	–4.0
2-year colleges	58.6	63.0	65.5	65.8	65.8	67.0	66.6	66.3	68.4	55.1	52.8	54.4	48.8	45.0	44.8	9.7	–10.3
Not-for-profit	—	65.0	65.6	66.2	66.7	67.7	69.3	68.9	69.2	69.0	68.6	69.2	67.6	66.1	65.4	—	–3.6
4-year colleges	—	64.2	64.9	65.8	66.2	67.0	68.7	68.3	68.3	68.3	68.3	68.5	67.0	65.5	64.7	—	–3.6
2-year colleges	—	71.8	71.3	69.9	71.5	73.5	74.0	73.3	77.3	75.4	71.6	76.7	73.6	72.6	74.0	—	–1.4
For-profit	—	59.5	65.6	66.6	64.6	65.6	65.2	63.5	65.2	51.7	51.1	51.5	52.7	48.0	45.6	—	–6.1
4-year colleges	—	71.7	81.3	79.2	73.7	76.3	76.0	69.2	72.7	63.9	63.4	60.1	72.9	64.5	59.6	—	–4.3
2-year colleges	—	57.0	62.0	63.2	62.0	62.1	60.8	60.5	60.8	47.5	46.2	47.7	41.8	37.3	37.2	—	–10.3

—Not available.

NOTE: Data for 1988–89 to 1996–97 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-

year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys, 1998–99 through 2000–01, and Spring 2001 and Spring 2002 surveys. (This table was prepared November 2003.)

Table 313. Percentage distribution of enrollment and completion status of first-time postsecondary students starting during the 1995–96 academic year, by type of institution and other student characteristics: 2001

Student and institution characteristics	Students starting in 2-year institutions						Students starting in 4-year institutions					
	Highest degree attained				No degree, still enrolled	No degree, not enrolled	Highest degree attained				No degree, still enrolled	No degree, not enrolled
	Total, any degree ¹	Certificate	Associate	Bachelor's ²			Total, any degree ¹	Certificate	Associate	Bachelor's ²		
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	38.4 (1.7)	11.5 (1.2)	17.3 (1.3)	9.7 (1.1)	16.4 (1.4)	45.2 (1.6)	65.1 (1.0)	2.7 (0.3)	4.0 (0.4)	58.4 (1.2)	14.4 (0.6)	20.5 (0.8)
Male	39.2 (2.4)	10.8 (1.6)	18.7 (1.9)	9.7 (1.5)	18.0 (2.2)	42.8 (2.4)	60.6 (1.4)	2.5 (0.4)	3.6 (0.6)	54.6 (1.5)	16.2 (0.9)	23.2 (1.1)
Female	37.7 (2.2)	12.0 (1.6)	15.9 (1.7)	9.8 (1.4)	14.9 (1.7)	47.4 (2.2)	68.7 (1.3)	2.9 (0.3)	4.3 (0.5)	61.6 (1.4)	12.9 (0.8)	18.4 (1.0)
Age when first enrolled												
18 years or younger	43.8 (2.2)	7.3 (1.2)	19.4 (2.0)	17.0 (1.9)	17.8 (2.1)	38.4 (2.1)	70.0 (1.0)	1.8 (0.2)	3.4 (0.4)	64.7 (1.1)	13.4 (0.6)	16.6 (0.7)
19 years	38.2 (4.1)	8.2 (2.0)	24.3 (4.0)	5.7 (2.2)	20.9 (3.6)	40.9 (4.0)	57.1 (2.8)	3.3 (0.9)	6.0 (1.3)	47.9 (2.9)	16.4 (2.0)	28.6 (2.3)
20 to 23 years	29.9 (4.2)	13.1 (3.0)	13.0 (3.4)	3.7 (1.6)	20.1 (4.2)	50.0 (4.8)	37.7 (3.8)	8.7 (2.1)	6.7 (2.1)	22.3 (3.0)	20.9 (3.0)	41.4 (3.6)
24 to 29 years	36.5 (4.8)	25.6 (4.6)	8.4 (2.2)	2.5 (1.5)	11.0 (3.5)	52.6 (5.1)	34.4 (5.5)	4.3 (1.8)	7.2 (3.5)	23.0 (4.7)	22.7 (5.8)	42.9 (6.3)
30 years or over	30.6 (5.5)	14.1 (3.8)	14.5 (3.3)	2.0 (1.5)	8.7 (2.4)	60.7 (5.8)	26.1 (4.3)	11.5 (3.5)	4.3 (1.6)	10.3 (2.8)	17.0 (4.2)	56.9 (5.1)
Race/ethnicity												
White, non-Hispanic	40.5 (2.0)	10.9 (1.3)	18.2 (1.5)	11.4 (1.6)	16.5 (1.7)	43.0 (2.0)	68.1 (1.1)	2.4 (0.3)	3.8 (0.4)	61.9 (1.3)	12.5 (0.7)	19.4 (0.9)
Black, non-Hispanic	28.4 (4.2)	16.7 (4.0)	8.5 (2.3)	3.2 (1.3)	13.3 (2.9)	58.3 (4.3)	51.3 (2.6)	4.6 (1.0)	3.2 (0.8)	43.4 (2.8)	20.6 (2.3)	28.2 (2.2)
Hispanic	34.3 (4.8)	11.1 (3.2)	17.8 (3.2)	5.5 (2.3)	18.1 (3.3)	47.6 (4.8)	53.9 (2.3)	3.1 (0.7)	6.8 (1.7)	44.0 (2.4)	20.4 (1.8)	25.7 (2.1)
Asian/Pacific Islander	41.9 (9.2)	11.6 (6.4)	23.0 (8.2)	7.4 (3.7)	21.2 (7.7)	36.9 (8.7)	71.3 (3.1)	0.2 (0.2)	2.0 (0.8)	69.1 (3.1)	13.9 (2.3)	14.8 (2.4)
American Indian/Alaska Native	# (#)	# (#)	# (#)	# (#)	# (#)	# (#)	55.4 (10.6)	# (#)	3.7 (3.7)	51.7 (10.7)	26.1 (8.4)	18.5 (6.8)
Highest education level of parents												
High school diploma or less	36.5 (2.3)	13.5 (1.8)	17.0 (1.9)	6.0 (1.2)	12.4 (1.6)	51.1 (2.4)	52.0 (1.6)	4.1 (0.6)	4.8 (0.6)	43.1 (1.6)	16.5 (1.3)	31.5 (1.5)
Some postsecondary	32.8 (3.3)	10.1 (2.1)	14.3 (2.6)	8.4 (2.0)	19.0 (2.8)	48.2 (2.9)	59.5 (1.9)	3.1 (0.7)	5.4 (1.1)	50.9 (2.1)	16.4 (1.4)	24.2 (1.6)
Bachelor's degree	47.7 (4.2)	9.1 (2.3)	22.4 (3.7)	16.2 (3.2)	18.8 (3.5)	33.5 (3.9)	72.1 (1.5)	1.8 (0.4)	4.0 (0.6)	66.3 (1.5)	13.4 (1.1)	14.5 (1.1)
Advanced degree	45.4 (6.0)	3.1 (2.0)	17.2 (4.4)	25.2 (5.5)	25.2 (5.4)	29.4 (6.0)	76.5 (1.7)	1.2 (0.3)	1.4 (0.3)	73.9 (1.7)	11.7 (1.2)	11.8 (1.2)
Dependency status when first enrolled												
Dependent	42.1 (2.2)	8.2 (1.2)	20.1 (1.8)	13.8 (1.7)	18.3 (1.9)	39.6 (2.1)	68.0 (1.0)	2.1 (0.2)	3.6 (0.4)	62.1 (1.2)	14.0 (0.6)	18.1 (0.7)
Independent	32.9 (3.1)	17.6 (2.4)	13.7 (1.9)	3.0 (0.9)	13.8 (2.4)	53.4 (3.5)	35.9 (2.9)	8.8 (1.7)	6.4 (1.6)	20.6 (2.3)	19.1 (2.5)	45.0 (3.2)
Dependent student family income in 1994												
Less than \$25,000	43.0 (3.8)	10.9 (2.6)	24.5 (3.4)	7.6 (2.1)	14.3 (2.6)	42.7 (3.5)	58.8 (1.8)	3.4 (0.7)	5.1 (1.0)	50.3 (2.1)	18.6 (1.5)	22.6 (1.5)
\$25,000 to \$44,999	41.2 (4.5)	10.5 (2.3)	16.4 (2.9)	14.3 (2.7)	19.1 (3.0)	39.6 (3.6)	61.7 (1.7)	2.3 (0.4)	4.4 (0.8)	55.0 (1.7)	15.1 (1.3)	23.1 (1.4)
\$45,000 to \$69,999	40.2 (3.8)	5.3 (1.8)	22.1 (3.2)	12.8 (2.5)	19.3 (3.5)	40.5 (4.0)	69.1 (1.6)	1.7 (0.4)	3.7 (0.7)	63.6 (1.7)	13.2 (1.0)	17.7 (1.3)
\$70,000 or more	44.7 (5.5)	4.5 (1.8)	15.8 (3.6)	24.4 (4.5)	22.1 (4.2)	33.2 (4.8)	77.4 (1.3)	1.6 (0.4)	2.0 (0.4)	73.8 (1.5)	10.7 (1.0)	11.9 (0.9)
Timing of postsecondary enrollment												
Did not delay ³	43.9 (2.3)	7.0 (1.1)	20.9 (2.0)	15.9 (1.8)	18.4 (2.0)	37.7 (2.1)	69.2 (1.0)	1.9 (0.2)	3.3 (0.4)	64.0 (1.1)	13.7 (0.6)	17.1 (0.7)
Delayed entry	32.8 (2.7)	15.6 (2.0)	13.7 (1.8)	3.5 (1.0)	14.9 (2.0)	52.3 (2.8)	45.0 (2.2)	6.6 (1.0)	7.0 (1.3)	31.4 (2.1)	18.0 (1.6)	37.0 (2.2)
Attendance status when first enrolled												
Full-time	47.3 (2.4)	10.2 (1.4)	21.3 (1.9)	15.8 (2.1)	15.9 (2.0)	36.8 (2.3)	69.3 (1.0)	1.9 (0.2)	4.0 (0.4)	63.3 (1.2)	12.7 (0.6)	18.0 (0.8)
Part-time	29.5 (3.2)	13.9 (2.7)	12.2 (2.3)	3.4 (1.0)	15.6 (2.4)	54.9 (3.4)	33.4 (3.2)	7.3 (2.0)	2.1 (0.8)	23.9 (3.3)	27.3 (3.0)	39.3 (3.4)
Intensity of enrollment through 2001												
Always part-time	13.2 (2.9)	11.5 (2.8)	1.7 (0.8)	# (#)	13.3 (3.0)	73.4 (3.8)	10.3 (2.9)	9.7 (2.9)	0.6 (0.6)	# (#)	12.9 (3.8)	76.8 (4.1)
Mixed	42.3 (2.5)	12.6 (1.7)	20.8 (2.0)	8.9 (1.3)	21.7 (2.1)	36.0 (2.2)	51.7 (1.5)	4.4 (0.6)	5.5 (0.8)	41.8 (1.6)	26.6 (1.3)	21.7 (1.1)
Always full-time	49.5 (3.2)	9.3 (1.4)	22.0 (2.8)	18.1 (3.1)	9.1 (1.8)	41.4 (3.1)	74.2 (1.1)	1.5 (0.2)	3.3 (0.5)	69.4 (1.2)	8.1 (0.6)	17.8 (0.9)
Degree goal at first institution												
Certificate	45.2 (5.1)	38.4 (5.3)	6.2 (2.3)	0.7 (0.4)	6.8 (2.5)	48.0 (4.8)	37.7 (7.0)	16.1 (6.2)	14.2 (7.5)	7.5 (3.0)	19.4 (6.5)	42.8 (6.7)
Associate degree	40.9 (2.3)	8.7 (1.3)	24.7 (2.1)	7.5 (1.4)	15.6 (2.0)	43.5 (2.3)	52.6 (4.2)	7.3 (2.4)	24.7 (3.7)	20.7 (3.3)	8.9 (2.3)	38.5 (4.2)
Bachelor's degree	⁴ 40.3 (3.7)	⁴ 6.0 (1.9)	⁴ 11.7 (2.4)	⁴ 22.6 (3.3)	⁴ 21.9 (3.5)	⁴ 37.8 (3.4)	67.6 (1.0)	2.1 (0.3)	2.7 (0.3)	62.9 (1.1)	14.2 (0.6)	18.2 (0.7)
Worked while enrolled 1995–96												
Did not work	43.0 (3.0)	13.9 (2.3)	21.5 (2.8)	7.6 (1.9)	10.4 (2.5)	46.6 (3.1)	71.1 (1.3)	2.0 (0.4)	3.7 (0.7)	65.3 (1.6)	11.9 (0.8)	17.0 (1.1)
Worked part time	44.7 (2.6)	8.5 (1.5)	20.9 (2.1)	15.2 (2.0)	18.4 (2.4)	36.9 (2.3)	65.0 (1.3)	2.3 (0.4)	4.0 (0.4)	58.6 (1.4)	14.7 (0.8)	20.3 (1.0)
Worked full time	27.2 (2.6)	14.3 (2.2)	9.6 (1.5)	3.4 (0.9)	17.0 (2.5)	55.8 (2.9)	41.7 (2.6)	7.1 (1.3)	4.2 (1.1)	30.5 (2.5)	21.7 (2.2)	36.6 (2.5)
Control of first institution												
Public	36.7 (1.8)	10.1 (1.3)	16.4 (1.4)	10.3 (1.3)	17.4 (1.6)	45.9 (1.7)	60.5 (1.2)	2.8 (0.3)	4.4 (0.6)	53.3 (1.4)	17.4 (0.8)	22.2 (1.0)
Private, not for profit	58.9 (5.4)	19.3 (4.6)	27.8 (3.9)	11.8 (3.3)	8.4 (2.4)	32.7 (4.6)	73.6 (1.7)	1.8 (0.3)	2.8 (0.5)	68.9 (2.0)	9.3 (0.8)	17.1 (1.3)
Private, for profit	55.6 (3.2)	27.8 (3.9)	25.8 (3.9)	2.0 (0.8)	4.3 (1.2)	40.0 (3.4)	52.8 (10.5)	17.9 (7.2)	14.9 (6.0)	20.0 (5.1)	11.1 (3.1)	36.1 (8.6)
Socioeconomic status in 1995–96 ⁵												
Not disadvantaged	41.7 (2.8)	8.9 (1.8)	18.1 (2.1)	14.6 (2.0)	20.4 (2.7)	38.0 (2.7)	71.4 (1.1)	2.0 (0.3)	3.3 (0.4)	66.1 (1.3)	12.3 (0.7)	16.3 (0.8)
Minimally disadvantaged	33.9 (2.4)	12.8 (1.7)	14.9 (1.8)	6.2 (1.4)	13.1 (1.6)	53.0 (2.7)	59.8 (1.6)	3.7 (0.6)	5.4 (0.7)	50.8 (1.7)	16.4 (1.2)	23.8 (1.3)
Moderately or highly disadvantaged	43.7 (3.6)	14.6 (3.0)	21.6 (3.4)	7.5 (1.9)	14.5 (2.7)	41.8 (3.7)	47.1 (2.0)	3.7 (0.8)	3.8 (0.8)	39.6 (2.1)	19.5 (1.9)	33.4 (2.1)

Rounds to zero.

¹ Includes a small percent of students who had attained a degree and were still enrolled. Includes recipients of degrees not shown separately.

² Includes a small percent of students who had attained an advanced degree.

³ Includes students with a standard high school diploma who enrolled in postsecondary education in the same year as their graduation.

⁴ Includes students whose goal was to transfer to a 4-year institution.

⁵ Determined by a socioeconomic diversity index that includes parental income as a percentage of the 1994 federal poverty level, parental education, and the proportion of

the student body at the student's high school that was eligible for free or reduced-price lunch.

NOTE: Data reflect completion and enrollment status by spring 2001 of first-time postsecondary students starting in academic year 1995–96. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1996/2001 Beginning Postsecondary Students Longitudinal Study (BPS:96/01), previously unpublished tabulation. (This table was prepared August 2003.)

Table 314. Scores on Graduate Record Examination (GRE) and subject matter tests: 1965 to 2000

Academic year ending	Number of GRE takers	GRE takers as a percent of bachelor's degrees	Verbal		Quantitative		Analytical		Subject matter tests											
			Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Biology		Chemistry		Education		Engineering		Literature		Psychology	
									Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1965	93,792	18.7	530	124	533	137	†	†	617	117	628	114	481	86	618	108	591	95	556	91
1966	123,960	23.8	520	124	528	133	†	†	610	115	618	110	474	87	609	106	588	94	552	91
1967	151,134	27.0	519	125	527	134	†	†	613	114	615	104	476	90	603	104	582	91	553	93
1968	182,432	28.8	520	124	527	135	†	†	614	114	617	104	478	87	601	105	572	91	547	93
1969	206,113	28.3	515	124	524	132	†	†	613	112	613	104	477	88	591	103	569	89	543	89
1970	265,359	33.5	503	123	516	132	†	†	603	111	613	113	462	92	586	110	556	90	532	91
1971	293,600	35.0	497	125	512	134	†	†	603	114	618	117	457	95	587	115	546	91	530	92
1972	293,506	33.1	494	126	508	136	†	†	606	115	624	124	446	93	594	119	544	96	528	92
1973	290,104	31.5	497	125	512	135	†	†	619	110	630	114	459	96	593	114	545	96	529	92
1974	301,070	31.8	492	126	509	137	†	†	624	110	634	115	452	93	591	121	547	99	530	95
1975	298,335	32.3	493	125	508	137	†	†	—	—	—	—	—	—	—	—	—	—	—	—
1976	299,292	32.3	492	127	510	138	†	†	627	112	627	107	454	93	594	119	539	101	531	93
1977	287,715	31.3	490	129	514	139	†	†	625	113	630	109	453	93	592	115	532	101	532	95
1978	286,383	31.1	484	128	518	135	†	†	622	113	624	108	452	91	594	114	530	102	529	97
1979	282,482	30.7	476	130	517	135	†	†	621	117	623	104	451	89	592	115	525	102	530	97
1980	272,281	29.3	474	131	522	136	†	†	619	115	618	105	449	90	590	116	521	105	534	98
1981	262,855	28.1	473	128	523	136	†	†	617	115	615	103	453	90	590	116	520	99	532	97
1982	256,381	26.9	469	130	533	137	498	126	616	114	616	105	456	89	593	115	521	100	532	97
1983	263,674	27.2	473	131	541	138	504	128	623	115	620	105	459	90	599	114	527	98	542	95
1984	265,221	27.2	475	130	541	139	512	129	622	115	619	102	461	90	604	114	530	97	543	96
1985	271,972	27.8	474	126	545	140	516	129	619	114	621	101	459	89	615	120	531	95	541	95
1986	279,428	28.3	475	126	552	140	520	129	612	114	628	106	464	87	616	119	527	96	542	97
1987	293,560	29.6	477	126	550	140	521	128	616	116	629	104	465	86	619	119	526	95	536	95
1988	303,703	30.5	483	123	557	140	528	128	615	114	631	108	467	85	622	120	525	94	537	94
1989	326,096	32.0	484	125	560	142	530	129	612	114	642	117	465	87	626	116	528	91	538	95
1990	344,572	32.8	486	123	562	143	534	128	612	114	662	123	461	84	617	111	523	92	537	95
1991	379,882	34.7	485	122	562	141	536	129	609	113	660	123	457	85	611	111	523	93	535	95
1992	411,528	36.2	483	120	561	140	537	129	605	113	654	128	462	82	610	117	525	92	536	95
1993	400,246	34.4	481	117	557	140	541	129	606	114	662	133	462	80	602	115	516	94	536	97
1994	1,399,395	34.2	479	116	553	139	545	129	620	116	627	113	2,493	104	601	115	517	95	538	96
1995	1,389,539	33.6	477	115	553	140	544	131	622	116	675	138	2,488	102	596	113	513	96	544	98
1996	1,376,013	32.3	473	114	558	139	549	131	614	114	678	135	2,489	104	604	119	512	97	547	99
1997	1,376,062	32.1	472	113	562	139	548	129	620	115	684	143	2,487	103	602	114	525	100	554	99
1998	1,364,554	30.8	471	113	569	141	543	133	628	113	686	137	2,477	100	609	118	530	100	563	100
1999 ³	396,330	33.0	468	114	565	143	542	133	626	114	684	137	—	—	604	115	527	100	559	100
2000 ⁴	363,932	29.4	465	116	578	147	562	141	629	114	686	133	—	—	—	—	530	99	563	98

† Not applicable.
 — Not available.
¹ Total includes examinees who received no score on one or more General Test measures.
² Data reported for 1994 through 1998 are from the revised education test.
³ Subject test score data for 1999 reflect the three-year average for all examinees who tested between October 1, 1996 and September 30, 1999 and are not directly comparable with previous years.
⁴ Subject test score data for 2000 reflect the three-year average for all examinees who tested between October 1, 1997 and September 30, 2000 and are not directly comparable with previous years.
 NOTE: GRE scores for the verbal, quantitative, and analytical sections range from 200 to 800. The range of scores is different for the various subject tests—from 200 to 990—although the range for any particular subject test is usually smaller. The education subject test was administered for the final time in April 1998. The engineering subject test was administered for the final time in April 2001. Some data have been revised from previously published figures.
 SOURCE: Graduate Record Examination Board, *Examinee and Score Trends for the GRE General Test*, various years; and *A Summary of Data Collected From Graduate Record Examinations Test-Takers During 1986-87: Guide to the Use of Scores*, various years; *Sex, Race, Ethnicity, and Performance on the GRE General Test*, various years; unpublished data; and U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS) "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS) "Completions" surveys. (This table was prepared July 2002.)

Table 316. Average undergraduate tuition and fees and room and board rates paid by full-time-equivalent students in degree-granting institutions, by type and control of institution and state: 2001–02 and 2002–03

State	Public 4-year, 2001–02		Public 4-year, 2002–03 ¹				Private 4-year, 2001–02		Private 4-year, 2002–03 ¹				Public 2-year, tuition only (in-state)	
	Total	Tuition and required fees (in-state)	Total	Tuition and required fees (in-state)	Room	Board	Total	Tuition and required fees	Total	Tuition and required fees	Room	Board	2001–02	2002–03 ¹
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	\$9,196	\$3,735	\$9,828	\$4,059	\$3,022	\$2,747	\$22,896	\$16,211	\$23,940	\$16,948	\$3,762	\$3,229	\$1,380	\$1,479
Alabama	7,647	3,242	7,931	3,511	2,257	2,163	15,137	10,135	15,833	10,607	2,518	2,709	1,989	2,133
Alaska	9,260	3,062	9,457	3,162	3,074	3,221	16,179	10,161	17,697	11,108	3,018	3,571	1,706	1,748
Arizona	8,233	2,488	8,797	2,587	3,390	2,820	15,913	10,716	17,075	11,723	2,889	2,462	963	1,024
Arkansas	7,287	3,371	7,791	3,714	2,111	1,966	14,347	9,888	15,091	10,437	2,085	2,568	1,290	1,514
California	10,289	2,719	10,849	2,782	4,090	3,977	26,193	18,394	26,760	18,623	4,354	3,783	316	317
Colorado	8,815	3,166	9,179	3,102	2,814	3,263	25,038	16,917	24,425	16,461	4,059	3,904	1,693	1,728
Connecticut	11,066	4,780	11,805	5,142	3,553	3,110	29,008	21,016	30,634	22,257	5,040	3,337	1,889	2,008
Delaware	10,889	5,063	11,523	5,439	3,324	2,760	14,886	8,980	15,626	9,348	3,225	3,053	1,800	1,878
District of Columbia	†	2,070	†	2,070	†	†	26,977	18,751	28,053	19,595	5,407	3,051	†	†
Florida	8,364	2,555	8,762	2,594	3,391	2,777	20,287	13,988	21,216	14,675	3,506	3,035	1,494	1,496
Georgia	7,945	2,836	8,749	2,945	3,437	2,368	21,018	14,451	22,125	15,263	3,943	2,919	1,275	1,336
Hawaii	7,987	3,051	8,242	3,133	2,507	2,601	16,755	8,985	17,350	8,829	3,487	5,034	1,067	1,069
Idaho	7,162	2,859	7,585	3,033	2,048	2,504	10,116	5,278	10,643	5,542	2,045	3,057	1,410	1,542
Illinois	10,206	4,572	11,027	5,171	2,819	3,037	22,781	16,105	24,604	17,353	3,977	3,274	1,567	1,662
Indiana	9,781	3,999	10,655	4,620	2,730	3,305	22,419	16,854	23,741	17,762	3,077	2,903	2,154	2,436
Iowa	8,251	3,470	9,185	4,140	2,657	2,389	20,289	15,332	21,392	16,201	2,393	2,799	2,359	2,559
Kansas	6,986	2,701	7,791	3,174	2,206	2,412	16,570	11,911	17,542	12,612	2,166	2,763	1,444	1,640
Kentucky	7,365	3,184	7,691	3,405	2,262	2,024	15,743	11,037	15,080	10,187	2,331	2,562	1,494	1,861
Louisiana	6,711	2,877	6,922	2,881	2,049	1,992	23,266	16,737	24,175	17,198	3,748	3,228	963	994
Maine	10,292	4,821	10,329	4,624	2,829	2,877	24,152	17,621	25,678	18,851	3,337	3,490	2,647	2,768
Maryland	11,372	4,966	12,332	5,406	3,906	3,020	26,936	19,606	27,668	20,156	4,279	3,233	2,238	2,358
Massachusetts	9,361	3,991	10,818	4,974	3,208	2,637	29,939	21,492	32,108	23,309	4,908	3,892	1,939	2,353
Michigan	10,551	5,042	11,408	5,494	2,934	2,979	16,843	11,600	17,770	12,109	2,815	2,846	1,779	1,810
Minnesota	9,065	4,483	9,983	5,036	2,682	2,265	22,349	16,918	23,517	17,900	2,825	2,792	2,749	2,880
Mississippi	7,613	3,417	8,039	3,716	2,358	1,965	14,342	10,106	15,223	10,612	2,344	2,268	1,362	1,453
Missouri	8,673	4,112	9,395	4,602	2,676	2,117	18,745	13,201	19,743	13,724	3,075	2,943	1,514	1,792
Montana	8,310	3,468	8,966	3,925	2,261	2,780	16,033	10,107	15,892	10,805	2,305	2,782	2,152	2,309
Nebraska	7,739	3,224	8,408	3,612	2,277	2,519	18,805	14,060	17,937	12,953	2,457	2,528	1,495	1,567
Nevada	8,575	2,450	9,001	2,529	3,781	2,692	19,482	13,273	17,811	10,956	3,530	3,325	1,410	1,454
New Hampshire	12,343	6,725	9,415	3,524	3,575	2,316	25,955	18,707	27,384	19,777	4,245	3,362	4,330	4,492
New Jersey	12,853	6,076	13,937	6,709	4,472	2,756	25,111	17,333	26,705	18,413	4,366	3,926	2,237	2,315
New Mexico	7,587	2,846	7,979	3,016	2,323	2,639	20,417	14,393	17,329	11,664	2,776	2,890	923	945
New York	10,739	4,119	10,984	4,220	3,762	3,003	26,419	18,275	27,812	19,272	4,995	3,544	2,594	2,729
North Carolina	7,655	2,640	8,350	3,097	2,791	2,462	21,054	15,143	22,248	16,079	2,979	3,190	1,015	1,112
North Dakota	6,844	3,128	7,388	3,401	1,551	2,435	11,853	8,379	12,551	8,947	1,565	2,039	2,104	2,230
Ohio	11,170	5,138	12,260	5,898	3,559	2,803	22,022	16,161	23,265	17,125	3,115	3,026	2,376	2,597
Oklahoma	6,295	2,373	6,832	2,612	1,962	2,258	16,311	11,218	16,778	11,609	2,444	2,725	1,209	1,301
Oregon	10,065	3,864	10,548	4,028	3,443	3,077	24,454	18,312	25,194	18,737	3,249	3,208	1,716	1,964
Pennsylvania	11,867	6,316	12,944	7,072	3,156	2,716	26,168	18,917	27,506	19,976	4,076	3,455	2,365	2,384
Rhode Island	11,575	4,689	12,266	5,072	3,866	3,328	27,172	19,142	27,827	20,007	4,229	3,591	1,854	2,014
South Carolina	10,038	5,448	11,139	6,306	2,650	2,183	18,009	13,041	18,934	13,708	2,634	2,591	1,791	2,182
South Dakota	7,544	3,787	7,724	3,971	1,568	2,186	16,306	12,023	16,806	12,287	2,045	2,474	2,969	3,167
Tennessee	7,780	3,339	8,349	3,589	2,303	2,457	19,161	13,692	20,134	14,384	3,078	2,672	1,652	1,751
Texas	8,057	2,967	8,661	3,318	2,839	2,504	18,160	12,673	19,708	13,970	2,907	2,832	977	1,023
Utah	7,411	2,389	7,410	2,638	1,961	2,812	8,947	3,969	9,237	4,250	2,455	2,533	1,676	1,798
Vermont	13,426	7,449	14,016	7,754	3,916	2,345	23,208	16,454	23,990	17,165	3,733	3,093	3,148	3,652
Virginia	8,989	3,770	9,538	4,087	2,922	2,529	20,096	14,429	21,584	15,754	2,938	2,893	1,133	1,275
Washington	9,994	3,790	10,816	4,288	3,031	3,497	22,690	16,706	23,720	17,264	3,216	3,241	1,884	2,095
West Virginia	7,628	2,646	8,175	2,899	2,611	2,665	18,066	12,854	18,210	12,815	2,556	2,839	1,676	1,741
Wisconsin	7,788	3,693	8,204	3,965	2,382	1,856	21,234	15,829	22,402	16,724	2,909	2,768	2,310	2,555
Wyoming	7,421	2,807	7,977	2,997	2,182	2,798	†	†	†	†	†	†	1,493	1,561

† Not applicable.

¹ Preliminary data based on fall 2001 enrollments.

students. (See Guide to Sources for details.) Data revised from previously published figures. Detail may not sum to totals due to rounding.

NOTE: Data are for the entire academic year and are average charges. Tuition and fees were weighted by the number of full-time-equivalent undergraduates in 2001, but are not adjusted to reflect student residency. Room and board are based on full-time

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002. (This table was prepared November 2003.)

Table 317. Average undergraduate tuition and fees and room and board rates in degree-granting institutions, by control and type of institution and percentile of students: 2001–02 and 2002–03

Type of student charge and percentile of students	Public institutions						Private institutions					
	Total		4-year		2-year		Total		4-year		2-year	
	2001–02	2002–03	2001–02	2002–03	2001–02	2002–03	2001–02	2002–03	2001–02	2002–03	2001–02	2002–03
1	2	3	4	5	6	7	8	9	10	11	12	13
Tuition, room, and board												
10th percentile	\$6,153	\$6,410	\$6,998	\$7,342	\$3,613	\$3,734	\$14,675	\$15,400	\$14,740	\$15,592	\$10,314	\$11,395
25th percentile	7,342	7,827	7,697	8,171	4,078	4,475	18,673	19,713	18,790	19,794	11,527	12,189
Median (50th percentile)	8,602	9,159	8,881	9,497	4,921	5,347	23,585	24,925	23,645	25,085	16,118	16,990
75th percentile	10,136	10,964	10,525	11,331	6,187	6,519	28,788	30,547	28,907	30,613	17,391	21,448
90th percentile	12,207	13,169	12,416	13,439	7,060	7,829	33,993	35,810	34,064	35,810	24,214	29,777
Tuition and required fees												
10th percentile	468	484	2,272	2,373	308	308	7,950	8,247	8,700	8,600	6,085	6,375
25th percentile	1,539	1,650	2,648	2,944	768	780	11,350	11,700	12,150	12,300	7,575	7,995
Median (50th percentile)	2,529	2,694	3,489	3,804	1,440	1,536	15,560	16,293	16,200	16,845	9,102	9,555
75th percentile	3,648	3,975	4,373	4,804	1,888	2,077	19,700	20,935	20,200	21,350	11,704	12,280
90th percentile	4,815	5,452	5,536	6,280	2,534	2,693	25,485	26,702	25,533	26,932	14,500	15,275

NOTE: Data are for the entire academic year and are average charges paid by students. Student charges were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect student residency. The data have not been adjusted for changes in the purchasing power of the dollar. Data for 2002-03 are preliminary figures based on fall 2001 enrollment. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002 surveys. (This table was prepared November 2003.)

Table 318. Average graduate and first-professional tuition and required fees in degree-granting institutions, by first-professional discipline and control of institution: 1987–88 to 2002–03

Year and control	Average full-time graduate tuition	Average full-time first-professional tuition									
		Chiropractic	Dentistry	Medicine	Optometry	Osteopathic medicine	Pharmacy	Podiatry	Veterinary medicine	Law	Theology
1	2	3	4	5	6	7	8	9	10	11	12
All institutions											
1987–88	\$3,599	\$6,996	\$9,399	\$9,034	\$7,926	\$10,674	\$5,201	\$12,736	\$4,503	\$6,636	\$3,572
1988–89	3,728	7,972	9,324	9,439	8,503	11,462	4,952	13,232	4,856	7,099	3,911
1989–90	4,135	8,315	10,515	10,597	9,469	11,888	5,890	14,611	5,470	8,059	4,079
1990–91	4,488	9,108	10,270	10,571	9,512	12,830	5,889	15,143	5,396	8,708	4,569
1991–92	5,116	10,226	12,049	11,646	9,610	13,004	6,731	16,257	6,367	9,469	4,876
1992–93	5,475	11,117	12,710	12,265	10,858	14,297	6,635	17,426	6,771	10,463	5,331
1993–94	5,973	11,503	14,403	13,074	10,385	15,038	7,960	17,621	7,159	11,552	5,253
1994–95	6,247	12,324	15,164	13,834	11,053	15,913	8,315	18,138	7,741	12,374	5,648
1995–96	6,741	12,507	15,647	14,860	11,544	16,785	8,602	18,434	8,208	13,278	5,991
1996–97	7,111	12,721	16,585	15,481	12,250	17,888	9,207	19,056	8,668	14,081	6,558
1997–98	7,246	13,131	17,393	16,075	12,685	18,654	9,544	19,355	9,013	14,877	6,761
1998–99	7,685	13,582	18,800	17,110	14,066	19,718	9,636	19,547	9,392	15,590	7,147
1999–2000	8,071	14,256	19,314	17,775	14,389	20,817	10,601	20,102	9,865	16,399	7,425
2000–01	8,429	15,092	21,696	18,935	15,360	21,685	11,175	20,313	10,365	17,659	10,100
2001–02 ¹	8,857	15,605	22,643	19,973	16,066	22,753	12,008	21,115	10,940	18,577	8,543
2002–03 ²	9,264	—	—	—	—	—	—	—	—	—	—
Public³											
1987–88	1,827	†	4,614	5,245	2,789	5,125	2,462	†	3,523	2,810	†
1988–89	1,913	†	5,286	5,669	3,455	6,269	2,218	†	3,889	2,766	†
1989–90	1,999	†	5,728	6,259	3,569	6,521	2,816	†	4,505	3,196	†
1990–91	2,206	†	5,927	6,437	3,821	7,188	2,697	†	4,840	3,430	†
1991–92	2,524	†	6,595	7,106	4,161	7,699	2,871	†	5,231	3,933	†
1992–93	2,791	†	7,006	7,867	5,106	8,404	2,987	†	5,553	4,261	†
1993–94	3,050	†	7,525	8,329	5,325	8,640	3,567	†	6,107	4,835	†
1994–95	3,250	†	8,125	8,812	5,643	8,954	3,793	†	6,571	5,307	†
1995–96	3,449	†	8,806	9,585	6,130	9,448	4,100	†	6,907	5,821	†
1996–97	3,607	†	9,434	10,057	6,561	9,932	4,884	†	7,343	6,565	†
1997–98	3,744	†	9,657	10,501	7,366	10,358	5,065	19,541	7,742	7,004	†
1998–99	3,897	†	10,277	11,141	7,890	10,802	5,482	19,818	7,975	7,425	†
1999–2000	4,043	†	10,615	11,569	8,021	11,211	5,897	19,578	8,601	7,740	†
2000–01	4,243	†	11,574	12,074	8,302	11,516	6,245	20,228	8,964	8,326	†
2001–02 ¹	4,496	†	12,446	13,264	9,060	12,587	7,020	21,254	9,524	9,043	†
2002–03 ²	4,855	†	—	—	—	—	—	—	—	—	†
Private											
1987–88	6,769	6,996	16,201	14,945	11,635	13,311	8,834	12,736	12,544	9,048	3,572
1988–89	6,945	7,972	16,127	15,610	12,050	13,536	9,692	13,232	13,285	9,892	3,911
1989–90	7,881	8,315	16,800	16,826	13,640	14,117	10,656	14,611	14,184	10,901	4,079
1990–91	8,507	9,108	18,270	17,899	13,767	15,009	11,546	15,143	14,159	12,247	4,569
1991–92	9,592	10,226	20,318	19,225	14,366	16,098	12,937	16,257	15,816	12,946	4,876
1992–93	10,008	11,117	21,309	19,585	14,459	17,098	13,373	17,426	17,103	13,975	5,331
1993–94	10,790	11,503	23,824	20,769	14,156	17,720	14,838	17,621	17,433	15,193	5,253
1994–95	11,338	12,324	24,641	21,819	14,497	18,422	14,894	18,138	17,940	16,201	5,648
1995–96	12,083	12,507	25,678	23,001	15,235	19,619	15,618	18,434	19,380	17,251	5,991
1996–97	12,537	12,721	26,618	24,242	15,949	20,714	15,934	19,056	19,526	18,276	6,558
1997–98	12,774	13,151	29,223	25,189	16,415	21,710	16,307	19,316	20,299	19,171	6,761
1998–99	13,299	13,582	31,659	26,502	17,848	22,796	16,905	19,492	21,286	20,154	7,147
1999–2000	13,782	14,256	32,268	27,694	18,087	23,838	18,091	20,193	21,772	21,081	7,425
2000–01	14,420	15,092	35,234	29,863	19,592	24,712	19,031	20,329	22,600	22,775	10,100
2001–02 ¹	15,165	15,605	36,207	30,485	20,463	25,779	20,459	21,089	23,303	23,911	8,543
2002–03 ²	15,279	—	—	—	—	—	—	—	—	—	—

† Not applicable.

— Not available.

¹ Preliminary first-professional figures based on 2000–01 graduates.

² Preliminary data based on fall 2001 enrollment.

³ Data are based on in-state tuition only.

NOTE: Average graduate student tuition weighted by fall full-time-equivalent graduate enrollment. Average first-professional tuition weighted by number of degrees conferred during the academic year. Some year-to-year fluctuations in tuition data may reflect non-reporting by individual institutions. Excludes institutions not reporting degrees conferred and institutions not reporting tuition. Some data have been revised from previously published figures. Data for 1987–88 to 1997–98 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher

education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys, 1987 through 1999, and "Institutional Characteristics" surveys, 1987–88 through 2000–01, and Spring 2001 and Spring 2002 surveys. (This table was prepared November 2003.)

Table 319. Percent of undergraduates receiving aid, by type and source of aid and selected student characteristics: 1999–2000

Selected student characteristic	Enrollment of undergraduates, ¹ in thousands	Any aid			Grants			Loans			Work study	Other		
		Total ²	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total ³	Total	Federal	Non-federal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
All undergraduates	16,539	55.3 (0.6)	40.5 (0.6)	36.8 (0.6)	44.4 (0.6)	23.1 (0.5)	34.0 (0.6)	28.8 (0.5)	27.9 (0.5)	3.9 (0.1)	5.4 (0.2)	6.9 (0.3)	2.9 (0.1)	1.6 (0.2)
Sex														
Men	7,231	52.5 (0.7)	37.7 (0.7)	34.7 (0.7)	40.3 (0.7)	19.4 (0.5)	31.7 (0.7)	27.3 (0.6)	26.4 (0.6)	4.0 (0.2)	4.7 (0.2)	8.8 (0.3)	3.1 (0.1)	1.7 (0.2)
Women	9,308	57.5 (0.7)	42.7 (0.7)	38.3 (0.7)	47.5 (0.6)	26.0 (0.6)	35.8 (0.7)	30.0 (0.6)	29.1 (0.6)	3.8 (0.2)	6.0 (0.2)	5.5 (0.3)	2.7 (0.1)	1.6 (0.2)
Race/ethnicity⁴														
White, non-Hispanic	11,074	53.3 (0.6)	37.5 (0.6)	36.7 (0.6)	41.4 (0.6)	17.7 (0.4)	34.0 (0.6)	29.1 (0.6)	28.2 (0.6)	4.2 (0.2)	5.5 (0.2)	7.1 (0.3)	3.2 (0.1)	1.5 (0.1)
Black, non-Hispanic	2,051	69.5 (1.4)	55.3 (1.5)	39.9 (2.0)	58.3 (1.5)	40.1 (1.2)	36.9 (2.1)	35.9 (1.9)	35.2 (1.8)	3.3 (0.3)	5.9 (0.5)	7.9 (0.7)	2.6 (0.3)	2.1 (0.5)
Hispanic	1,984	58.3 (1.6)	46.4 (1.7)	36.5 (1.3)	50.3 (1.6)	35.1 (1.7)	33.3 (1.3)	24.4 (1.2)	23.3 (1.2)	3.5 (0.4)	5.3 (0.5)	6.2 (0.7)	2.0 (0.2)	1.8 (0.6)
Asian American/ Pacific Islander	1,050	44.3 (1.7)	33.5 (1.4)	32.1 (1.4)	37.4 (1.5)	22.4 (1.2)	30.2 (1.3)	22.4 (1.3)	21.8 (1.3)	2.5 (0.3)	5.3 (0.6)	4.6 (0.5)	1.8 (0.3)	1.5 (0.3)
American Indian/ Alaska Native	170	56.5 (3.5)	44.0 (3.6)	36.9 (2.7)	50.0 (3.5)	33.7 (3.6)	33.9 (2.8)	23.3 (2.6)	22.5 (2.5)	2.4 (0.8)	3.0 (0.7)	8.7 (1.9)	1.2 (0.5)	3.7 (1.4)
Age														
23 years old or younger	9,462	58.9 (0.6)	44.7 (0.6)	40.6 (0.6)	47.1 (0.6)	22.9 (0.5)	37.8 (0.6)	33.8 (0.5)	32.8 (0.5)	5.2 (0.2)	8.1 (0.3)	7.3 (0.2)	5.0 (0.2)	1.2 (0.1)
24 to 29 years old	2,806	55.7 (1.1)	44.7 (1.0)	31.2 (1.0)	44.3 (1.0)	30.4 (0.9)	28.5 (1.0)	30.1 (0.9)	29.3 (0.9)	2.6 (0.2)	2.6 (0.2)	7.2 (0.5)	# (#)	1.6 (0.2)
30 years old or over	4,271	47.1 (1.0)	28.6 (0.8)	31.9 (1.1)	38.4 (0.9)	18.8 (0.6)	29.1 (1.0)	16.9 (0.6)	16.2 (0.6)	1.7 (0.1)	1.4 (0.2)	5.9 (0.6)	# (#)	2.6 (0.5)
Marital status														
Married	3,578	48.1 (1.0)	30.0 (0.8)	31.0 (0.9)	38.1 (0.9)	18.5 (0.6)	28.4 (0.9)	18.1 (0.7)	17.4 (0.6)	1.9 (0.2)	1.3 (0.2)	6.5 (0.5)	# (#)	2.1 (0.4)
Not married ⁵	12,715	56.9 (0.6)	42.9 (0.6)	38.3 (0.6)	45.6 (0.6)	23.7 (0.5)	35.5 (0.6)	31.6 (0.5)	30.7 (0.5)	4.4 (0.2)	6.6 (0.2)	7.0 (0.3)	3.8 (0.1)	1.5 (0.2)
Separated	247	77.1 (2.4)	69.6 (2.7)	39.2 (2.6)	69.4 (2.5)	59.6 (2.8)	35.3 (2.7)	39.0 (2.4)	37.9 (2.3)	3.5 (0.8)	4.2 (0.9)	6.6 (1.3)	# (#)	2.6 (0.7)
Attendance status														
Full-time, full-year	6,364	72.5 (0.5)	57.7 (0.6)	51.8 (0.7)	58.6 (0.6)	30.3 (0.6)	48.3 (0.7)	45.4 (0.6)	44.3 (0.6)	6.8 (0.3)	11.2 (0.4)	9.6 (0.3)	5.6 (0.2)	1.9 (0.2)
Part-time and part-year	10,176	44.6 (0.8)	29.8 (0.7)	27.4 (0.8)	35.4 (0.7)	18.6 (0.5)	25.0 (0.7)	18.4 (0.6)	17.7 (0.6)	2.0 (0.1)	1.9 (0.1)	5.2 (0.4)	1.2 (0.1)	1.5 (0.3)
Dependency status and family income														
Dependent	8,126	58.9 (0.6)	44.2 (0.6)	41.8 (0.6)	46.1 (0.6)	20.1 (0.5)	38.9 (0.6)	34.9 (0.6)	33.8 (0.6)	5.6 (0.2)	8.9 (0.3)	7.8 (0.3)	5.8 (0.2)	1.1 (0.1)
Less than \$20,000	1,079	77.4 (1.1)	70.3 (1.3)	50.2 (1.4)	75.0 (1.2)	65.9 (1.3)	47.8 (1.5)	35.8 (1.3)	35.2 (1.3)	4.6 (0.4)	12.2 (0.8)	5.1 (0.5)	2.8 (0.3)	1.3 (0.3)
\$20,000–\$39,999	1,686	67.6 (0.9)	56.8 (1.1)	49.3 (1.1)	61.1 (1.0)	43.6 (1.1)	47.0 (1.1)	38.8 (1.1)	37.9 (1.1)	5.5 (0.4)	11.9 (0.6)	6.6 (0.5)	4.4 (0.3)	1.3 (0.2)
\$40,000–\$59,999	1,755	57.5 (1.0)	41.5 (1.0)	43.0 (1.0)	42.7 (1.0)	8.8 (0.5)	40.2 (1.0)	38.1 (1.0)	36.9 (1.0)	5.8 (0.4)	9.9 (0.6)	8.3 (0.5)	6.0 (0.4)	1.3 (0.2)
\$60,000–\$79,999	1,394	53.8 (1.2)	37.2 (1.0)	37.6 (1.1)	34.7 (1.1)	1.4 (0.2)	34.4 (1.1)	36.6 (1.0)	35.4 (1.0)	6.7 (0.5)	8.0 (0.6)	9.4 (0.5)	8.2 (0.5)	0.9 (0.2)
\$80,000–\$99,999	901	52.3 (1.4)	33.1 (1.2)	36.8 (1.3)	33.2 (1.2)	0.5 (0.2)	33.0 (1.2)	32.6 (1.2)	31.1 (1.2)	6.4 (0.6)	5.5 (0.5)	8.8 (0.6)	7.1 (0.5)	0.8 (0.2)
\$100,000 or more	1,312	44.4 (1.0)	25.3 (0.8)	31.7 (0.9)	28.7 (0.9)	0.4 (0.1)	28.7 (0.9)	24.4 (0.8)	23.3 (0.8)	4.4 (0.3)	4.2 (0.4)	8.3 (0.5)	6.5 (0.4)	0.9 (0.2)
Independent	8,414	51.9 (0.8)	51.9 (0.8)	31.9 (0.9)	42.7 (0.8)	26.0 (0.6)	29.2 (0.8)	23.0 (0.7)	22.3 (0.6)	2.2 (0.1)	2.1 (0.1)	6.1 (0.4)	0.1 (0.0)	2.1 (0.3)
Less than \$10,000	1,668	74.0 (0.9)	66.4 (1.1)	41.5 (1.3)	69.4 (1.0)	61.5 (1.1)	38.1 (1.3)	39.7 (1.2)	39.0 (1.2)	3.1 (0.3)	6.1 (0.4)	6.6 (0.5)	0.3 (0.1)	3.1 (0.4)
\$10,000–\$19,999	1,610	63.5 (1.4)	53.5 (1.4)	35.3 (1.3)	52.6 (1.3)	38.6 (1.2)	32.3 (1.3)	33.2 (1.2)	32.6 (1.2)	2.9 (0.3)	2.5 (0.3)	6.9 (0.5)	0.1 (#)	2.5 (0.3)
\$20,000–\$29,999	1,343	51.9 (1.4)	38.0 (1.2)	30.4 (1.5)	41.1 (1.3)	24.8 (1.0)	27.9 (1.5)	22.1 (1.0)	21.4 (1.0)	2.1 (0.3)	1.3 (0.3)	6.8 (0.7)	# (#)	1.8 (0.3)
\$30,000–\$49,999	1,773	41.6 (1.2)	23.6 (1.0)	27.8 (1.1)	31.1 (1.1)	11.6 (0.6)	25.1 (1.1)	15.2 (0.8)	14.6 (0.8)	1.8 (0.2)	0.8 (0.3)	6.6 (0.7)	# (#)	2.0 (0.5)
\$50,000 or more	2,020	33.4 (1.2)	10.4 (0.5)	25.8 (1.1)	23.9 (1.0)	0.2 (0.1)	23.9 (1.0)	8.4 (0.5)	7.7 (0.4)	1.3 (0.2)	0.1 (0.1)	4.2 (0.6)	# (#)	1.4 (0.5)
Housing status														
School-owned	2,600	73.1 (0.8)	57.0 (0.8)	57.2 (1.0)	60.4 (0.9)	22.9 (0.8)	53.8 (1.0)	52.1 (0.8)	50.8 (0.8)	9.0 (0.4)	18.0 (0.7)	12.5 (0.5)	10.0 (0.4)	1.4 (0.2)
Off-campus, not with parents	9,932	52.9 (0.7)	37.8 (0.6)	33.4 (0.8)	41.9 (0.7)	23.2 (0.5)	30.6 (0.7)	25.7 (0.6)	24.9 (0.6)	3.0 (0.2)	3.0 (0.1)	6.3 (0.3)	1.2 (0.1)	1.9 (0.3)
With parents	4,007	49.9 (0.9)	36.7 (1.0)	31.8 (0.8)	40.2 (0.9)	23.0 (0.9)	29.5 (0.8)	21.4 (0.7)	20.6 (0.7)	2.7 (0.2)	3.3 (0.3)	4.8 (0.3)	2.4 (0.2)	1.2 (0.2)

Rounds to zero.

¹ Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes all postsecondary institutions.

² Includes students who reported they were awarded aid, but did not specify the source or type of aid.

³ Details on federal and nonfederal work study participants are not available.

⁴ Excludes persons not reported by race/ethnicity.

⁵ Includes students who were single, divorced, or widowed.

NOTE: Rows may not sum to totals due to rounding and/or the fact that some students receive aid from multiple sources. Data include undergraduates in degree-granting and nondegree-granting institutions. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000 National Postsecondary Student Aid Study (NPSAS:2000). (This table was prepared May 2002.)

Table 320. Average amount of financial aid awarded to full-time, full-year students, by type and source of aid and selected student characteristics: 1999–2000

Selected student characteristic	Any aid			Grants			Loans			Work study			Other		
	Total ¹	Federal	Nonfederal	Total	Federal	Nonfederal	Total	Federal	Nonfederal	Total ²	Federal	Nonfederal	Total	Federal	Nonfederal
All full-time, full-year undergraduates	\$8,474 (103.7)	\$6,158 (55.6)	\$4,996 (98.5)	\$4,949 (80.3)	\$2,524 (18.5)	\$4,425 (93.7)	\$5,437 (49.8)	\$4,825 (38.1)	\$4,939 (123.0)	\$1,672 (24.5)	\$7,493 (116.1)	\$6,028 (101.3)	\$7,493 (116.1)	\$7,493 (116.1)	\$3,293 (164.6)
Sex															
Men	8,449 (127.3)	6,218 (78.7)	5,045 (119.4)	4,932 (103.7)	2,489 (26.6)	4,469 (117.3)	5,442 (67.0)	4,782 (52.8)	4,892 (191.7)	1,706 (34.2)	7,706 (178.1)	6,097 (146.3)	7,706 (178.1)	7,706 (178.1)	3,923 (351.3)
Women	8,493 (121.1)	6,115 (66.5)	4,961 (114.6)	4,961 (89.2)	2,545 (24.6)	4,395 (104.8)	5,433 (63.6)	4,856 (46.6)	4,977 (155.4)	1,653 (29.3)	7,313 (154.6)	5,956 (132.7)	7,313 (154.6)	2,810 (77.3)	
Race/ethnicity															
White, non-Hispanic	8,659 (117.1)	6,261 (63.8)	5,288 (110.6)	5,053 (95.9)	2,382 (24.0)	4,658 (104.9)	5,483 (55.8)	4,781 (38.5)	5,106 (146.4)	1,658 (27.8)	7,411 (126.3)	6,089 (111.8)	7,411 (126.3)	3,102 (72.9)	
Black, non-Hispanic	8,476 (262.7)	6,517 (151.4)	4,336 (216.7)	4,667 (168.0)	2,669 (46.7)	3,965 (207.3)	5,287 (124.1)	4,950 (80.0)	4,295 (282.0)	1,598 (80.0)	7,472 (353.1)	5,846 (312.4)	7,472 (353.1)	3,141 (381.6)	
Hispanic	7,084 (252.3)	5,335 (169.4)	3,581 (208.6)	4,244 (132.5)	2,680 (38.4)	3,130 (187.6)	5,400 (161.9)	4,926 (103.6)	4,178 (318.2)	1,650 (85.1)	7,651 (469.9)	5,049 (293.0)	7,651 (469.9)	2,001 (180.2)	
Asian/Pacific Islander	9,221 (433.5)	6,168 (176.6)	5,422 (419.6)	5,819 (357.9)	2,700 (57.1)	4,881 (419.9)	5,455 (163.0)	4,933 (141.0)	4,867 (451.9)	2,008 (115.8)	8,784 (708.6)	7,608 (856.9)	8,784 (708.6)	7,247 (2,333.7)	
American Indian/ Alaska Native	8,343 (666.4)	5,413 (411.7)	4,399 (522.0)	5,155 (413.5)	2,897 (224.4)	4,141 (486.9)	5,234 (460.1)	4,851 (437.1)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Age															
23 years old or younger	8,582 (118.2)	5,872 (60.5)	5,445 (109.9)	5,321 (95.7)	2,479 (22.3)	4,872 (105.7)	4,985 (50.9)	4,313 (35.0)	4,795 (132.4)	1,643 (26.2)	7,496 (116.6)	6,686 (116.6)	7,496 (116.6)	3,793 (275.4)	
24 to 29 years old	8,340 (171.1)	7,193 (132.8)	3,034 (112.3)	3,733 (83.7)	2,585 (38.3)	2,536 (98.1)	6,789 (122.7)	6,480 (111.0)	4,980 (333.5)	1,736 (87.8)	— (—)	3,843 (170.6)	— (—)	2,881 (152.6)	
30 years old or over	7,809 (264.1)	6,811 (158.8)	3,047 (183.4)	3,578 (120.9)	2,647 (44.3)	2,317 (138.9)	7,283 (177.5)	6,702 (126.2)	6,671 (432.3)	2,179 (155.9)	— (—)	3,683 (247.0)	— (—)	2,334 (152.9)	
Marital status															
Married	7,608 (226.5)	6,694 (152.7)	3,122 (175.9)	3,438 (97.3)	2,460 (47.0)	2,455 (117.7)	7,096 (172.7)	6,581 (125.0)	6,030 (416.5)	1,802 (124.3)	— (—)	3,947 (218.0)	— (—)	2,786 (105.7)	
Not married ³	8,569 (109.8)	6,075 (56.5)	5,192 (103.0)	5,128 (87.1)	2,521 (20.9)	4,624 (99.1)	5,246 (49.0)	4,619 (36.4)	4,856 (127.8)	1,665 (25.0)	7,486 (116.3)	6,299 (106.6)	7,486 (116.3)	3,401 (202.9)	
Separated	8,563 (508.0)	7,158 (431.8)	2,828 (302.6)	4,095 (212.7)	2,910 (85.9)	2,364 (244.2)	6,526 (347.5)	6,189 (300.2)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	
Dependency status and family income															
Dependent	8,636 (125.1)	5,767 (60.1)	5,599 (115.2)	5,425 (103.8)	2,405 (24.7)	5,014 (111.5)	4,888 (49.4)	4,191 (32.8)	4,840 (137.4)	1,635 (26.2)	7,497 (115.8)	6,776 (120.0)	7,497 (115.8)	3,919 (302.8)	
Less than \$20,000	8,363 (238.3)	5,688 (130.7)	4,262 (181.8)	5,413 (147.3)	2,997 (33.1)	3,878 (189.9)	4,682 (116.3)	4,239 (90.6)	3,618 (300.7)	1,574 (51.7)	6,432 (482.7)	5,388 (630.8)	6,432 (482.7)	4,103 (2,332.8)	
\$20,000–\$39,999	9,010 (195.2)	5,587 (103.8)	5,276 (161.9)	5,457 (146.9)	2,157 (31.4)	4,742 (151.7)	4,887 (95.2)	4,328 (71.3)	4,319 (225.6)	1,614 (42.5)	5,831 (241.4)	5,312 (224.6)	5,831 (241.4)	4,794 (420.0)	
\$40,000–\$59,999	8,621 (245.6)	5,415 (103.7)	5,843 (221.6)	5,343 (223.6)	1,306 (46.9)	5,315 (226.9)	4,782 (87.2)	4,150 (58.3)	4,265 (190.4)	1,667 (46.5)	5,830 (213.3)	6,320 (202.7)	5,830 (213.3)	3,811 (235.0)	
\$60,000–\$79,999	8,924 (232.8)	5,841 (113.2)	6,474 (230.1)	5,740 (210.4)	1,713 (253.1)	5,724 (207.9)	4,897 (112.7)	4,035 (53.8)	5,138 (298.0)	1,592 (58.6)	6,599 (175.0)	6,933 (173.3)	6,599 (175.0)	3,201 (305.2)	
\$80,000–\$99,999	8,163 (265.2)	6,108 (203.5)	5,770 (232.3)	5,041 (220.7)	— (—)	5,060 (218.7)	5,131 (146.1)	4,167 (81.5)	6,342 (497.0)	1,743 (101.2)	8,358 (376.6)	9,211 (372.3)	8,358 (376.6)	— (—)	
\$100,000 or more	8,366 (224.2)	6,890 (198.3)	6,043 (216.1)	5,420 (204.3)	— (—)	5,411 (203.4)	5,196 (141.4)	4,223 (63.4)	6,342 (497.0)	1,728 (81.7)	8,997 (336.1)	10,202 (351.7)	8,997 (336.1)	3,132 (214.0)	
Independent	8,074 (154.0)	6,952 (103.7)	3,159 (99.7)	3,828 (69.4)	2,671 (25.9)	2,607 (82.6)	6,807 (100.1)	6,391 (80.9)	5,365 (221.0)	1,883 (56.1)	— (—)	3,903 (133.2)	— (—)	2,543 (75.4)	
Less than \$10,000	9,981 (207.7)	7,414 (154.1)	3,285 (134.4)	4,462 (90.9)	2,957 (31.5)	2,820 (113.1)	6,565 (142.0)	6,251 (118.4)	5,074 (341.9)	1,853 (73.0)	— (—)	3,678 (259.9)	— (—)	2,006 (140.9)	
\$10,000–\$19,999	7,812 (205.7)	6,681 (155.1)	2,802 (148.7)	3,531 (108.7)	2,534 (55.6)	2,620 (125.5)	6,463 (137.1)	6,131 (117.3)	4,142 (263.4)	1,830 (138.9)	— (—)	4,293 (322.8)	— (—)	2,568 (162.7)	
\$20,000–\$29,999	7,376 (277.9)	6,321 (212.6)	3,162 (224.8)	3,512 (145.4)	2,436 (68.2)	2,620 (190.6)	6,958 (231.9)	6,372 (169.4)	5,549 (663.3)	1,817 (136.3)	— (—)	3,414 (301.7)	— (—)	— (—)	
\$30,000–\$49,999	7,257 (329.0)	6,564 (236.8)	3,254 (261.7)	2,799 (181.3)	1,618 (80.8)	2,576 (127.0)	7,389 (230.2)	6,860 (178.8)	6,070 (753.4)	— (—)	— (—)	3,586 (246.2)	— (—)	— (—)	
\$50,000 or more	6,905 (469.2)	7,362 (327.6)	3,821 (565.5)	2,681 (282.1)	— (—)	2,668 (269.4)	8,579 (485.4)	7,729 (338.8)	9,835 (1,127.4)	— (—)	— (—)	4,803 (466.6)	— (—)	— (—)	
Housing status															
School-owned	11,219 (195.7)	6,804 (87.4)	7,299 (176.3)	6,884 (177.3)	2,540 (37.5)	6,536 (175.6)	5,167 (68.9)	4,330 (49.3)	5,234 (187.9)	1,659 (36.0)	7,969 (167.8)	7,418 (156.4)	7,969 (167.8)	4,272 (208.2)	
Off-campus, not with par- ents	7,887 (108.8)	6,487 (72.5)	3,873 (93.1)	4,106 (70.0)	2,540 (24.5)	3,310 (85.4)	6,030 (71.0)	5,525 (58.8)	5,018 (160.1)	1,842 (39.6)	7,180 (205.4)	4,967 (149.9)	7,180 (205.4)	3,144 (274.9)	
With parents	5,642 (118.9)	4,514 (92.1)	3,164 (103.4)	3,659 (75.6)	2,475 (35.2)	2,849 (92.2)	4,455 (93.7)	4,053 (75.3)	3,903 (216.1)	1,379 (53.2)	6,117 (270.7)	4,980 (240.5)	6,117 (270.7)	2,475 (95.7)	

—Not available
¹Includes students who reported they were awarded aid, but did not specify the source or type of aid.
²Details on federal and nonfederal work study participants are not available.
³Includes students who were single, divorced, or widowed.

NOTE: Rows may not sum to totals due to rounding, survey item nonresponse, and/or the fact that some students receive aid from multiple sources. Data include undergraduates in degree-granting and nondegree-granting institutions. Award averages are computed for students participating in the designated program. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000 National Postsecondary Student Aid Study (NPSAS:2000). (This table was prepared April 2002.)

Table 321. Average amount of financial aid awarded to part-time or part-year undergraduates, by type and source of aid and selected student characteristics: 1999-2000

Selected student characteristic	Any aid			Grants			Loans			Work study			Other	
	Total ¹	Federal		Total	Federal		Total	Federal		Total ²	Total	Federal	Nonfederal	
		3	4		5	6		7	8					9
All part-time or part-year undergraduates	\$3,902 (94.6)	\$4,108 (80.0)	\$1,892 (57.9)	\$1,952 (39.2)	\$1,594 (22.5)	\$4,660 (78.8)	\$4,357 (61.3)	\$4,248 (124.4)	\$1,580 (35.2)	\$3,096 (181.8)	\$5,857 (142.5)	\$1,744 (43.3)		
Sex														
Men	4,018 (150.1)	4,321 (126.8)	1,982 (78.2)	1,944 (54.2)	1,564 (36.9)	4,764 (134.7)	4,431 (94.9)	4,324 (173.1)	1,400 (47.6)	3,045 (184.9)	5,529 (176.2)	1,885 (75.2)		
Women	3,822 (80.2)	3,968 (69.8)	1,830 (64.8)	1,956 (41.4)	1,610 (22.6)	4,589 (70.0)	4,307 (59.1)	4,185 (152.1)	1,693 (52.8)	3,174 (232.5)	6,188 (209.8)	1,629 (66.1)		
Race/ethnicity														
White, non-Hispanic	3,959 (83.2)	4,213 (71.8)	2,003 (66.8)	1,947 (47.3)	1,498 (21.7)	4,657 (78.5)	4,324 (57.8)	4,481 (120.4)	1,556 (38.0)	3,221 (124.5)	5,928 (165.2)	1,636 (59.4)		
Black, non-Hispanic	3,779 (215.1)	3,983 (145.5)	1,647 (144.1)	1,874 (89.5)	1,649 (42.6)	4,767 (143.1)	4,510 (112.9)	3,835 (328.4)	1,456 (109.1)	2,704 (367.1)	6,049 (529.3)	1,947 (40.3)		
Hispanic	3,640 (187.1)	3,807 (179.1)	1,516 (94.5)	1,886 (66.8)	1,717 (46.9)	4,440 (177.6)	4,249 (154.4)	3,257 (345.6)	1,816 (139.8)	3,163 (473.3)	5,752 (351.4)	1,714 (145.0)		
Asian/Pacific Islander	4,406 (393.2)	4,430 (400.9)	2,094 (175.7)	2,446 (166.2)	1,860 (107.6)	4,953 (323.6)	4,660 (286.8)	— (—)	1,484 (128.1)	2,720 (437.5)	— (—)	— (—)		
American Indian/ Alaska Native	3,424 (330.4)	3,505 (366.1)	1,737 (261.7)	2,059 (195.4)	1,743 (132.2)	3,644 (318.6)	3,521 (318.5)	— (—)	— (—)	— (—)	— (—)	— (—)		
Age														
23 years old or younger	4,405 (112.6)	3,958 (84.7)	2,522 (102.2)	2,405 (65.5)	1,646 (25.7)	4,038 (82.7)	3,659 (57.7)	3,974 (122.9)	1,449 (44.3)	4,332 (175.8)	5,859 (142.6)	1,854 (92.5)		
24 to 29 years old	4,189 (151.1)	4,474 (129.9)	1,593 (74.3)	1,742 (50.6)	1,574 (40.5)	5,306 (130.9)	5,046 (102.2)	4,703 (246.4)	1,917 (80.1)	2,496 (184.8)	— (—)	2,162 (119.2)		
30 years old or over	3,068 (105.1)	4,040 (106.7)	1,362 (45.5)	1,521 (38.3)	1,525 (36.4)	5,315 (114.8)	5,139 (99.2)	4,578 (305.9)	1,858 (90.8)	2,082 (272.3)	— (—)	1,564 (62.5)		
Marital status														
Married	3,089 (102.3)	4,032 (115.1)	1,376 (46.2)	1,481 (37.7)	1,458 (35.0)	5,289 (126.6)	5,127 (106.7)	4,315 (220.4)	2,135 (92.9)	2,228 (192.4)	— (—)	1,599 (69.0)		
Not married ³	4,218 (105.0)	4,149 (84.3)	2,123 (77.2)	2,142 (49.6)	1,628 (24.5)	4,486 (81.7)	4,150 (64.4)	4,200 (131.2)	1,490 (37.9)	3,532 (198.2)	5,857 (142.5)	1,736 (40.0)		
Separated	4,159 (293.1)	3,752 (234.4)	1,850 (258.7)	1,944 (99.3)	1,678 (71.2)	4,896 (373.6)	4,564 (241.0)	— (—)	— (—)	2,281 (573.1)	— (—)	— (—)		
Dependency status and family income														
Dependent	4,595 (126.6)	4,005 (91.5)	2,763 (119.0)	2,595 (84.3)	1,615 (30.9)	3,868 (79.7)	3,478 (56.4)	3,829 (122.6)	1,411 (40.2)	4,733 (186.5)	5,832 (142.5)	2,000 (151.9)		
Less than \$20,000	4,134 (191.7)	3,612 (162.8)	1,816 (137.8)	2,505 (101.2)	1,922 (49.6)	3,759 (195.4)	3,548 (186.5)	2,989 (187.1)	1,256 (75.7)	2,689 (249.6)	3,737 (252.7)	— (—)		
\$20,000-\$39,999	4,408 (179.8)	3,565 (122.8)	2,586 (164.1)	2,485 (114.2)	1,433 (39.5)	3,858 (118.9)	3,511 (92.3)	3,579 (266.1)	1,392 (62.5)	3,392 (331.6)	4,108 (180.5)	— (—)		
\$40,000-\$59,999	4,483 (195.8)	3,986 (156.3)	2,791 (172.9)	2,438 (161.6)	891 (63.9)	3,668 (108.9)	3,385 (97.0)	3,499 (213.7)	1,643 (56.5)	4,220 (329.0)	5,684 (403.9)	— (—)		
\$60,000-\$79,999	4,816 (257.6)	4,429 (187.6)	3,245 (267.8)	2,844 (225.3)	— (—)	3,920 (155.6)	3,450 (116.8)	3,892 (256.4)	1,318 (73.5)	5,336 (310.2)	5,777 (281.6)	— (—)		
\$80,000-\$99,999	5,371 (440.1)	5,125 (356.3)	3,673 (506.0)	2,912 (281.5)	— (—)	2,914 (279.3)	3,483 (152.6)	5,077 (397.0)	1,490 (323.9)	6,328 (691.8)	6,792 (502.4)	— (—)		
\$100,000 or more	5,446 (304.2)	4,431 (327.8)	3,620 (291.3)	3,226 (303.7)	— (—)	4,096 (169.3)	3,539 (114.2)	4,206 (372.8)	1,540 (233.2)	7,125 (334.8)	8,328 (377.1)	— (—)		
Independent	3,559 (109.8)	4,166 (96.0)	1,464 (43.4)	1,659 (32.4)	1,585 (28.1)	5,210 (100.8)	4,967 (77.9)	4,678 (199.8)	1,871 (79.3)	2,275 (211.2)	— (—)	1,690 (43.6)		
Less than \$10,000	4,591 (152.3)	4,292 (127.6)	1,634 (86.0)	2,159 (50.2)	1,768 (35.3)	4,871 (132.3)	4,666 (118.5)	4,124 (266.2)	1,718 (113.4)	2,516 (248.4)	— (—)	1,951 (43.0)		
\$10,000-\$19,999	4,104 (163.3)	4,095 (136.1)	1,593 (102.2)	1,855 (56.8)	1,621 (42.3)	5,160 (164.8)	4,910 (133.0)	4,578 (372.9)	1,909 (168.1)	2,234 (192.0)	— (—)	1,763 (71.8)		
\$20,000-\$29,999	3,498 (157.5)	4,048 (170.4)	1,249 (95.3)	1,459 (52.6)	1,453 (65.0)	5,229 (193.6)	4,997 (163.3)	5,514 (372.5)	— (—)	2,800 (232.5)	— (—)	1,552 (133.8)		
\$30,000-\$49,999	2,916 (147.2)	3,894 (162.8)	1,386 (69.2)	1,239 (49.2)	978 (52.8)	5,486 (210.4)	5,171 (145.8)	4,768 (465.2)	— (—)	1,928 (280.6)	— (—)	1,606 (142.1)		
\$50,000 or more	2,377 (115.6)	4,676 (229.6)	1,443 (68.1)	1,264 (59.4)	— (—)	5,868 (229.9)	5,702 (216.0)	4,688 (343.0)	— (—)	2,011 (326.8)	— (—)	1,477 (102.3)		
Housing status														
School-owned	7,038 (287.7)	5,310 (172.9)	4,363 (263.7)	3,976 (196.9)	1,894 (59.5)	4,237 (132.1)	3,767 (104.7)	4,139 (257.5)	1,377 (41.9)	5,356 (314.9)	6,283 (254.6)	2,381 (182.4)		
Off-campus, not with parents	3,659 (93.8)	4,116 (81.1)	1,632 (48.7)	1,731 (33.1)	1,545 (24.6)	4,942 (84.6)	4,662 (66.3)	4,355 (147.0)	1,740 (60.0)	2,641 (191.9)	5,958 (316.9)	1,704 (44.5)		
With parents	3,476 (141.4)	3,557 (146.6)	1,685 (80.7)	1,901 (57.0)	1,649 (39.0)	4,001 (157.0)	3,743 (128.1)	3,968 (253.3)	1,449 (77.6)	3,484 (297.5)	5,280 (187.3)	1,725 (145.9)		

—Not available. Award averages are computed for students participating in the designated program. Standard errors appear in parentheses.

¹ Includes students who reported they were awarded aid, but did not specify the source or type of aid.

² Details on federal and nonfederal work study participants are not available.

³ Includes students who were single, divorced, or widowed.

NOTE: Rows may not sum to totals due to rounding, survey item nonresponse, and/or the fact that some students receive aid from multiple sources. Data include undergraduates in degree-granting and nondegree-granting institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999-2000 National Postsecondary Student Aid Study (NPSAS:2000). (This table was prepared April 2002.)

Table 322. Undergraduates enrolled full-time and part-time, by aid status, source of aid, and control and type of institution:1999–2000

Control and type of institution	Number of undergraduates, 1999, ¹ in thousands	Average cumulative amount borrowed for undergraduate education ²	Aid status, in percents					
			Nonaided	Receiving aid, by source				
				Any aid ³	Federal	State	Institutional	Other ³
1	2	3	4	5	6	7	8	9
Full-time, full-year students								
All institutions	6,364	\$11,321 (\$115)	27.6 (0.5)	72.5 (0.5)	57.7 (0.6)	22.6 (0.6)	30.8 (0.6)	9.6 (0.3)
Public	4,538	10,138 (130)	32.5 (0.6)	67.5 (0.6)	52.6 (0.7)	21.6 (0.7)	22.1 (0.6)	8.2 (0.4)
4-year doctoral	1,999	11,684 (160)	29.0 (0.7)	71.0 (0.7)	54.7 (0.7)	20.4 (0.7)	27.4 (0.7)	9.6 (0.5)
Other 4-year	987	10,140 (287)	25.0 (1.2)	75.0 (1.2)	62.2 (1.5)	25.7 (1.6)	21.1 (1.4)	7.8 (0.7)
2-year	1,524	6,936 (258)	41.9 (1.3)	58.2 (1.3)	43.8 (1.3)	20.6 (1.4)	16.1 (1.2)	6.5 (0.7)
Less than 2-year	28	5,880 (1,108)	39.3 (5.9)	60.7 (5.9)	48.1 (6.4)	10.9 (3.7)	4.8 (2.0)	17.2 (2.2)
Private, not-for-profit	1,547	13,580 (218)	16.0 (0.8)	84.0 (0.8)	67.6 (1.0)	26.9 (1.3)	59.8 (1.7)	12.8 (0.7)
4-year doctoral	652	14,311 (305)	21.3 (1.1)	78.8 (1.1)	62.3 (1.4)	21.8 (1.2)	60.6 (1.6)	12.0 (0.7)
Other 4-year	836	13,344 (317)	11.8 (1.1)	88.3 (1.1)	72.2 (1.5)	31.0 (2.1)	60.1 (2.9)	13.2 (1.1)
Less than 4-year	60	8,088 (514)	18.9 (3.6)	81.1 (3.6)	62.6 (3.9)	26.2 (4.5)	47.7 (7.0)	14.6 (1.9)
Private, for-profit	278	13,018 (520)	10.9 (1.3)	89.2 (1.3)	86.0 (1.5)	15.8 (2.9)	11.6 (2.5)	16.1 (1.6)
2-year and above	211	14,362 (619)	11.7 (1.6)	88.3 (1.6)	85.3 (1.9)	18.1 (3.6)	12.6 (3.2)	17.1 (1.9)
Less than 2-year	68	7,836 (419)	8.3 (1.3)	91.7 (1.3)	88.3 (1.9)	8.5 (4.3)	8.7 (2.2)	12.9 (2.4)
Part-time or part-year students								
All institutions	10,176	\$9,396 (\$122)	55.4 (0.8)	44.6 (0.8)	29.8 (0.6)	8.8 (0.7)	9.1 (0.4)	5.2 (0.4)
Public	8,577	8,662 (135)	60.4 (0.9)	39.7 (0.9)	24.8 (0.6)	8.3 (0.8)	7.4 (0.4)	4.5 (0.4)
4-year doctoral	1,483	12,486 (260)	49.1 (0.9)	51.0 (0.9)	36.8 (0.9)	10.3 (0.7)	12.2 (0.6)	5.2 (0.4)
Other 4-year	1,011	9,779 (345)	48.8 (1.3)	51.2 (1.3)	37.0 (1.4)	11.1 (0.9)	8.8 (0.7)	4.7 (0.4)
2-year	5,998	6,558 (172)	65.1 (1.1)	34.9 (1.1)	19.8 (0.7)	7.4 (1.1)	6.0 (0.6)	4.1 (0.5)
Less than 2-year	84	5,826 (877)	61.5 (3.1)	38.6 (3.1)	21.9 (3.9)	5.0 (2.0)	4.2 (1.7)	11.1 (2.4)
Private, not-for-profit	1,035	13,392 (358)	35.2 (1.0)	64.8 (1.0)	44.5 (1.6)	14.8 (1.0)	24.9 (1.3)	8.2 (0.8)
4-year doctoral	305	14,822 (512)	39.8 (1.6)	60.2 (1.6)	40.9 (1.7)	13.0 (1.2)	28.4 (1.8)	7.5 (1.1)
Other 4-year	654	13,391 (496)	33.8 (1.3)	66.2 (1.3)	44.6 (2.2)	15.7 (1.4)	23.6 (1.8)	8.5 (1.2)
Less than 4-year	76	7,613 (332)	28.8 (4.2)	71.2 (4.2)	57.3 (5.1)	15.2 (4.1)	21.8 (4.8)	8.6 (1.7)
Private, for-profit	563	9,053 (362)	16.9 (1.8)	83.1 (1.8)	78.5 (1.5)	6.2 (1.6)	5.2 (1.2)	11.4 (1.8)
2-year and above	301	10,667 (560)	18.3 (2.0)	81.8 (2.0)	77.9 (2.2)	9.0 (2.6)	5.1 (1.5)	11.1 (1.4)
Less than 2-year	262	6,887 (511)	15.3 (2.8)	84.7 (2.8)	79.1 (2.0)	3.0 (1.4)	5.3 (1.8)	11.8 (3.6)

¹ Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes students who enrolled at any time during the academic year.

² Includes only those students who borrowed to finance their undergraduate education. Excludes loans from family sources.

³ Includes students who reported that they were awarded aid, but did not specify the source of the aid.

NOTE: Because some students receive aid from multiple sources, percents do not add to totals. Excludes students whose attendance status was not reported. Standard errors appear in parentheses. The numbers in column 2 do not add to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000 National Postsecondary Student Aid Study (NPSAS:2000). (This table was prepared August 2002.)

Table 323. Percent of full-time, full-year undergraduates receiving aid, by type and source of aid received, and control and type of institution: 1992–93, 1995–96, and 1999–2000

Control and type of institution	Percent receiving aid, by type and source													
	Any aid			Grants			Loans			Work-study ¹		Other		
	Total ²	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Total	Federal	Non-federal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1992–93														
All institutions	58.7 (0.8)	45.6 (0.8)	37.9 (0.8)	48.9 (0.8)	29.4 (0.8)	34.0 (0.7)	32.3 (0.8)	31.3 (0.8)	2.7 (0.2)	10.2 (0.5)	6.8 (0.4)	9.5 (0.4)	5.2 (0.3)	4.6 (0.3)
Public	52.6 (1.0)	40.0 (1.0)	33.0 (0.9)	43.1 (0.9)	27.8 (0.8)	29.1 (0.8)	25.5 (0.9)	24.8 (0.9)	2.0 (0.2)	6.8 (0.4)	4.2 (0.3)	7.9 (0.4)	3.7 (0.3)	4.4 (0.3)
4-year doctoral	54.1 (1.2)	39.3 (1.2)	34.8 (0.8)	42.4 (1.0)	23.8 (1.0)	30.8 (0.7)	31.2 (1.1)	30.4 (1.0)	2.4 (0.3)	7.1 (0.6)	4.3 (0.4)	8.6 (0.4)	5.0 (0.4)	3.9 (0.3)
Other 4-year	57.1 (1.6)	46.1 (1.6)	37.4 (1.7)	46.1 (1.7)	32.1 (1.6)	32.4 (1.6)	32.2 (1.4)	31.1 (1.3)	2.8 (0.6)	9.5 (0.8)	5.4 (0.6)	7.9 (0.6)	4.2 (0.4)	3.8 (0.6)
2-year	47.2 (2.4)	36.0 (2.1)	27.0 (2.0)	41.9 (2.2)	29.9 (1.8)	24.3 (1.9)	12.1 (1.4)	11.7 (1.4)	0.7 (0.2)	4.1 (0.8)	3.0 (0.6)	7.0 (0.9)	1.3 (0.5)	5.7 (0.8)
Less than 2-year	35.4 (7.3)	31.6 (7.3)	15.7 (6.5)	30.3 (5.5)	26.6 (5.7)	12.8 (5.8)	3.0 (1.6)	3.0 (1.6)	0.6 (0.5)	1.5 (1.0)	1.4 (1.0)	5.1 (2.6)	0.8 (0.6)	4.4 (2.5)
Private, not-for-profit	70.2 (1.5)	53.4 (1.4)	58.0 (1.6)	62.9 (1.5)	27.7 (1.8)	54.1 (1.6)	45.4 (1.3)	43.6 (1.3)	5.0 (0.5)	22.2 (1.1)	15.9 (1.0)	12.1 (1.0)	7.7 (0.5)	5.0 (0.9)
4-year doctoral	63.6 (1.8)	44.5 (1.6)	54.8 (1.8)	56.1 (1.8)	17.3 (1.3)	51.8 (1.7)	40.5 (1.4)	38.5 (1.3)	6.1 (0.7)	18.9 (1.2)	13.2 (1.4)	11.6 (1.0)	7.4 (0.7)	4.5 (0.7)
Other 4-year	76.2 (2.1)	60.8 (2.1)	62.7 (2.7)	69.4 (2.1)	35.6 (2.8)	58.1 (2.8)	50.6 (2.2)	49.0 (2.2)	4.1 (0.8)	27.0 (1.6)	19.7 (1.5)	12.2 (1.8)	7.9 (0.9)	5.3 (1.7)
Less than 4-year	73.9 (4.0)	63.9 (5.7)	42.0 (5.4)	61.3 (4.7)	47.3 (7.2)	35.4 (6.7)	39.7 (5.7)	38.1 (5.5)	2.5 (1.0)	4.6 (1.4)	3.0 (1.0)	17.2 (4.0)	9.4 (4.3)	7.8 (3.1)
Private, for-profit	77.3 (2.5)	72.4 (2.8)	16.4 (3.0)	57.0 (2.7)	50.9 (2.7)	11.4 (2.8)	52.9 (3.9)	52.4 (3.9)	2.1 (0.7)	1.9 (1.2)	0.8 (0.4)	15.6 (2.4)	11.3 (2.3)	4.5 (1.0)
2-year and above	82.7 (3.4)	77.4 (4.3)	22.7 (5.7)	52.5 (4.2)	43.4 (4.1)	16.4 (5.2)	63.3 (4.2)	63.0 (4.2)	3.0 (1.4)	3.5 (2.6)	1.4 (0.8)	24.6 (4.6)	18.8 (4.5)	6.5 (2.1)
Less than 2-year	73.2 (3.3)	68.6 (3.3)	11.5 (2.4)	60.4 (3.6)	56.7 (3.8)	7.5 (2.5)	45.0 (5.1)	44.3 (5.1)	1.5 (0.4)	0.7 (0.4)	0.2 (0.1)	8.7 (1.5)	5.6 (1.2)	3.1 (0.9)
1995–96														
All institutions	68.4 (0.8)	55.6 (0.8)	45.7 (0.9)	54.1 (0.8)	30.6 (0.8)	41.0 (0.8)	43.7 (0.8)	43.2 (0.8)	1.7 (0.2)	11.0 (0.6)	9.0 (0.5)	10.9 (0.4)	5.0 (0.3)	5.9 (0.4)
Public	62.8 (1.0)	50.8 (1.0)	39.0 (1.0)	47.5 (1.0)	29.6 (1.0)	34.2 (0.9)	37.2 (0.9)	36.9 (0.9)	0.8 (0.2)	7.0 (0.5)	5.4 (0.4)	9.3 (0.5)	3.7 (0.3)	5.5 (0.4)
4-year doctoral	65.4 (1.2)	51.9 (1.1)	42.2 (1.2)	47.6 (1.2)	26.1 (1.1)	37.2 (1.2)	44.5 (1.1)	44.1 (1.1)	1.4 (0.3)	7.4 (0.7)	5.3 (0.5)	11.0 (0.8)	5.6 (0.6)	5.4 (0.5)
Other 4-year	69.3 (1.4)	59.8 (1.3)	44.5 (1.6)	52.3 (1.5)	34.4 (1.5)	40.0 (1.5)	47.4 (1.6)	47.2 (1.6)	0.4 (0.1)	9.2 (0.9)	6.7 (0.6)	8.6 (0.7)	3.7 (0.5)	4.8 (0.5)
2-year	55.9 (2.3)	44.5 (2.3)	31.3 (2.3)	44.6 (2.4)	31.1 (2.4)	26.9 (1.9)	21.8 (1.9)	21.3 (1.8)	0.4 (0.4)	5.1 (1.2)	4.7 (1.1)	7.4 (1.2)	1.3 (0.4)	6.0 (1.0)
Less than 2-year	39.5 (9.9)	20.6 (6.5)	27.5 (7.2)	30.9 (7.5)	18.5 (5.9)	16.0 (5.3)	4.4 (2.3)	4.4 (2.3)	0.0 (0.0)	0.1 (0.1)	0.1 (0.1)	12.6 (4.5)	0.1 (0.1)	12.0 (4.4)
Private, not-for-profit	80.3 (1.1)	64.0 (1.4)	67.6 (1.6)	71.3 (1.3)	28.6 (1.4)	64.8 (1.6)	56.9 (1.4)	56.2 (1.4)	3.4 (0.6)	24.7 (1.5)	21.0 (1.3)	14.0 (0.9)	8.2 (0.6)	6.1 (0.7)
4-year doctoral	70.6 (1.6)	55.4 (1.8)	61.2 (1.8)	61.6 (1.7)	19.3 (0.9)	58.7 (1.9)	50.9 (1.8)	49.9 (1.9)	3.9 (0.8)	22.6 (1.7)	20.2 (1.6)	13.3 (0.9)	8.6 (0.8)	4.9 (0.5)
Other 4-year	85.6 (1.4)	68.3 (2.0)	72.5 (2.2)	77.3 (1.8)	32.5 (2.1)	70.1 (2.3)	60.4 (1.9)	60.0 (2.0)	2.6 (0.6)	27.6 (2.1)	23.0 (1.8)	14.6 (1.3)	8.2 (0.9)	6.7 (1.2)
Less than 4-year	79.2 (5.7)	67.5 (6.4)	52.0 (8.3)	61.9 (4.9)	40.0 (4.7)	42.0 (6.1)	52.9 (7.6)	51.7 (7.3)	9.3 (7.2)	5.3 (2.2)	4.6 (2.0)	11.4 (3.3)	5.0 (1.4)	6.3 (2.2)
Private, for-profit	86.2 (1.7)	79.7 (2.1)	32.8 (3.1)	61.3 (2.4)	53.9 (2.5)	20.2 (2.6)	67.7 (3.4)	65.5 (3.7)	5.1 (1.9)	0.5 (0.2)	0.5 (0.2)	17.2 (1.7)	7.6 (1.1)	8.9 (1.3)
2-year and above	85.8 (1.9)	80.3 (2.6)	33.0 (3.4)	60.0 (3.0)	49.1 (3.2)	26.0 (3.8)	70.9 (3.5)	70.9 (3.5)	1.4 (0.7)	0.7 (0.3)	0.7 (0.3)	15.3 (1.9)	7.8 (1.4)	6.9 (1.2)
Less than 2-year	86.6 (2.9)	79.1 (3.2)	32.5 (5.2)	62.5 (3.7)	58.6 (3.8)	14.5 (3.6)	64.6 (5.8)	60.3 (6.3)	8.7 (3.6)	0.3 (0.2)	0.2 (0.2)	19.1 (2.9)	7.4 (1.7)	10.9 (2.3)
1999–2000														
All institutions	72.5 (0.5)	57.7 (0.6)	51.8 (0.6)	58.7 (0.6)	30.3 (0.6)	48.3 (0.7)	45.4 (0.6)	44.3 (0.6)	6.8 (0.3)	11.2 (0.4)	8.5 (0.3)	9.6 (0.3)	5.6 (0.2)	1.9 (0.2)
Public	67.5 (0.6)	52.6 (0.7)	46.0 (0.7)	53.0 (0.7)	29.8 (0.7)	42.5 (0.7)	38.9 (0.7)	37.9 (0.8)	4.4 (0.2)	7.2 (0.4)	5.4 (0.3)	8.2 (0.4)	3.9 (0.2)	1.9 (0.2)
4-year doctoral	71.0 (0.7)	54.7 (0.7)	48.7 (0.7)	53.1 (0.7)	25.7 (0.7)	44.6 (0.7)	48.3 (0.8)	47.2 (0.8)	5.5 (0.4)	8.3 (0.5)	5.8 (0.4)	9.6 (0.5)	6.1 (0.4)	1.6 (0.2)
Other 4-year	75.0 (1.2)	62.2 (1.5)	50.0 (1.6)	57.7 (1.7)	34.5 (2.1)	46.2 (1.6)	49.1 (1.8)	48.2 (1.8)	4.5 (0.5)	10.4 (1.1)	7.7 (0.8)	7.8 (0.7)	3.9 (0.6)	1.7 (0.4)
2-year	58.2 (1.3)	43.8 (1.3)	40.0 (1.6)	49.9 (1.4)	32.1 (1.2)	37.7 (1.6)	20.5 (1.3)	19.6 (1.2)	3.1 (0.5)	3.8 (0.5)	3.4 (0.5)	6.5 (0.7)	1.1 (0.2)	2.4 (0.5)
Less than 2-year	60.7 (5.9)	48.1 (6.4)	33.6 (4.8)	49.2 (6.4)	40.8 (6.9)	25.0 (5.1)	11.0 (4.1)	11.0 (4.1)	0.3 (0.3)	0.8 (0.8)	# (#)	17.2 (2.2)	0.1 (0.1)	11.7 (2.0)
Private, not-for-profit	84.0 (0.8)	67.6 (1.0)	71.6 (1.3)	74.7 (1.1)	27.7 (1.2)	68.9 (1.4)	59.3 (1.1)	57.7 (1.2)	13.4 (0.7)	24.4 (1.1)	18.8 (0.8)	12.8 (0.7)	9.7 (0.6)	1.5 (0.4)
4-year doctoral	78.8 (1.1)	62.3 (1.4)	69.4 (1.3)	69.7 (1.2)	22.4 (1.0)	66.4 (1.4)	57.3 (1.4)	55.5 (1.4)	15.1 (0.9)	24.7 (1.2)	20.9 (1.1)	12.0 (0.7)	9.9 (0.7)	1.1 (0.2)
Other 4-year	88.3 (1.1)	72.2 (1.5)	74.1 (2.1)	78.7 (1.8)	30.9 (2.1)	71.6 (2.3)	62.2 (1.8)	60.6 (1.9)	12.8 (1.0)	24.8 (1.8)	17.7 (1.3)	13.2 (1.1)	9.6 (0.9)	1.8 (0.7)
Less than 4-year	81.1 (3.6)	62.6 (3.9)	61.5 (4.8)	73.9 (3.6)	40.0 (3.7)	59.4 (5.2)	40.3 (5.2)	40.2 (5.2)	5.0 (0.8)	15.1 (2.9)	10.9 (2.5)	14.6 (1.9)	8.8 (1.0)	2.0 (0.8)
Private, for-profit	89.2 (1.3)	86.0 (1.5)	35.3 (3.5)	61.8 (2.5)	52.0 (3.0)	28.8 (3.1)	75.0 (2.9)	74.1 (2.9)	7.3 (1.7)	2.3 (0.8)	2.0 (0.8)	16.1 (1.6)	10.9 (1.4)	2.3 (0.5)
2-year and above	88.3 (1.6)	85.3 (1.9)	38.3 (4.5)	58.5 (3.0)	46.3 (3.5)	33.1 (4.0)	79.5 (2.8)	78.7 (2.8)	6.8 (2.2)	2.6 (1.0)	2.1 (1.0)	17.1 (1.9)	12.3 (1.8)	1.8 (0.5)
Less than 2-year	91.7 (1.3)	88.3 (1.9)	26.1 (3.5)	71.9 (3.5)	69.9 (3.5)	15.6 (3.8)	61.0 (7.1)	59.9 (7.3)	8.9 (1.9)	1.6 (1.4)	1.6 (1.4)	12.9 (2.4)	6.7 (1.9)	3.8 (1.4)

Rounds to zero.

¹ Details on nonfederal work study participants are not available.² Includes students who reported they were awarded aid but did not specify the source of aid.

NOTE: Excludes students whose attendance status was not reported. Because of rounding and the fact that some students receive multiple types and sources of aid, details may not add to totals. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1995–96, and 1999–2000 National Postsecondary Student Aid Studies (NPSAS:93, NPSAS:96, and NPSAS:2000). (This table was prepared May 2002.)

Table 324. Percent of part-time or part-year undergraduates receiving aid, by type and source of aid received, and control and type of institution: 1992–93, 1995–96, and 1999–2000

Control and type of institution	Percent receiving aid, by type and source													
	Any aid			Grants			Loans			Work-study ¹		Other		
	Total ²	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Total	Federal	Non-federal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1992–93														
All institutions	37.6 (0.8)	25.0 (0.8)	16.5 (0.4)	32.4 (0.8)	18.8 (0.6)	14.5 (0.4)	13.5 (0.5)	13.1 (0.5)	0.8 (0.1)	2.1 (0.1)	1.2 (0.1)	4.0 (0.3)	13.5 (0.5)	2.7 (0.2)
Public	31.7 (0.7)	19.8 (0.7)	14.5 (0.5)	27.6 (0.7)	15.3 (0.6)	12.6 (0.4)	9.3 (0.4)	8.9 (0.4)	0.6 (0.1)	1.7 (0.1)	0.9 (0.1)	3.5 (0.3)	9.3 (0.4)	2.6 (0.3)
4-year doctoral	40.5 (1.0)	27.5 (1.0)	19.5 (0.7)	31.3 (0.9)	17.1 (0.7)	16.6 (0.6)	20.9 (0.8)	20.4 (0.8)	1.1 (0.2)	3.6 (0.3)	2.1 (0.2)	6.2 (0.4)	21.4 (0.8)	3.4 (0.3)
Other 4-year	39.5 (1.2)	28.4 (1.3)	19.2 (1.0)	33.8 (1.2)	22.0 (1.2)	16.1 (0.9)	16.2 (1.0)	15.6 (0.9)	1.3 (0.3)	3.1 (0.4)	1.6 (0.3)	4.1 (0.5)	16.3 (1.0)	2.6 (0.4)
2-year	28.6 (0.9)	16.5 (0.8)	12.7 (0.6)	25.9 (0.9)	13.7 (0.8)	11.2 (0.5)	5.6 (0.4)	5.3 (0.4)	0.4 (0.1)	1.1 (0.1)	0.6 (0.1)	2.9 (0.4)	5.5 (0.4)	2.5 (0.4)
Less than 2-year	21.2 (3.1)	15.1 (3.6)	6.9 (1.5)	19.4 (3.4)	13.8 (3.9)	6.0 (1.4)	0.7 (0.3)	0.7 (0.3)	# (#)	0.6 (0.4)	0.4 (0.3)	1.7 (0.7)	0.7 (0.3)	1.3 (0.6)
Private, not-for-profit	56.4 (2.0)	35.1 (2.7)	33.7 (1.5)	50.2 (2.1)	23.2 (3.0)	31.7 (1.5)	23.7 (1.4)	23.2 (1.3)	1.8 (0.2)	5.9 (0.7)	3.8 (0.4)	5.3 (0.5)	23.6 (1.4)	2.9 (0.5)
4-year doctoral	51.4 (1.9)	28.3 (1.5)	33.0 (1.9)	44.4 (1.9)	12.8 (1.0)	31.7 (1.9)	24.2 (1.4)	23.3 (1.4)	2.7 (0.5)	5.4 (0.9)	3.1 (0.6)	4.2 (0.5)	23.8 (1.5)	1.5 (0.3)
Other 4-year	59.4 (2.8)	38.1 (4.2)	35.6 (2.3)	53.8 (3.1)	26.8 (4.7)	33.6 (2.2)	24.4 (2.1)	23.9 (2.0)	1.5 (0.3)	7.3 (1.1)	4.8 (0.7)	5.7 (0.6)	24.4 (2.0)	3.4 (0.7)
Less than 4-year	53.9 (5.2)	35.8 (5.0)	28.4 (4.1)	47.3 (4.8)	28.3 (4.6)	24.4 (4.1)	20.7 (3.6)	20.3 (3.6)	1.2 (0.4)	1.2 (0.7)	1.2 (0.7)	5.8 (1.9)	20.6 (3.6)	3.6 (1.9)
Private, for-profit	71.0 (3.1)	64.4 (3.4)	11.8 (1.6)	55.3 (3.3)	48.8 (3.6)	8.6 (1.3)	42.3 (3.5)	41.9 (3.5)	1.5 (0.5)	0.9 (0.3)	0.4 (0.1)	6.8 (1.0)	42.2 (3.5)	2.5 (0.7)
2-year and above	64.4 (5.8)	54.9 (5.9)	14.3 (2.8)	46.2 (4.3)	35.0 (4.2)	12.1 (2.5)	45.7 (5.6)	45.5 (5.6)	0.9 (0.6)	1.4 (0.6)	0.6 (0.2)	8.0 (1.5)	45.9 (5.6)	2.1 (0.6)
Less than 2-year	75.5 (2.8)	70.8 (3.4)	10.2 (1.7)	61.5 (4.2)	58.1 (4.5)	6.3 (1.3)	40.0 (4.5)	39.4 (4.4)	1.8 (0.6)	0.5 (0.3)	0.3 (0.1)	5.9 (1.2)	39.7 (4.5)	2.7 (1.0)
1995–96														
All institutions	38.3 (0.8)	24.8 (0.7)	24.0 (0.7)	29.9 (0.8)	16.6 (0.6)	19.7 (0.6)	14.4 (0.5)	14.1 (0.5)	0.7 (0.2)	1.4 (0.1)	1.1 (0.1)	5.4 (0.4)	0.8 (0.1)	4.3 (0.4)
Public	33.7 (0.9)	20.8 (0.8)	21.8 (0.8)	26.6 (0.8)	14.4 (0.7)	17.9 (0.7)	10.5 (0.5)	10.3 (0.5)	0.3 (0.2)	1.2 (0.1)	0.9 (0.1)	4.7 (0.4)	0.5 (0.1)	3.9 (0.4)
4-year doctoral	41.8 (1.3)	31.2 (1.1)	23.7 (1.2)	28.9 (1.1)	16.9 (1.0)	19.0 (1.0)	25.9 (1.1)	25.6 (1.1)	0.7 (0.2)	2.4 (0.4)	1.4 (0.2)	5.8 (0.7)	1.7 (0.3)	3.9 (0.6)
Other 4-year	41.9 (1.5)	30.9 (1.5)	22.8 (1.1)	30.2 (1.2)	18.2 (1.1)	19.3 (1.1)	22.3 (1.4)	22.1 (1.4)	0.4 (0.1)	2.3 (0.4)	2.0 (0.4)	4.8 (0.6)	0.8 (0.2)	3.7 (0.5)
2-year	30.7 (1.2)	17.2 (1.0)	21.1 (1.1)	25.4 (1.1)	13.4 (0.9)	17.5 (0.9)	5.7 (0.6)	5.5 (0.5)	0.3 (0.2)	0.8 (0.2)	0.7 (0.1)	4.4 (0.5)	0.2 (0.1)	3.9 (0.5)
Less than 2-year	34.3 (6.4)	13.9 (3.6)	26.0 (6.0)	27.8 (6.7)	12.3 (2.9)	17.4 (6.6)	2.2 (1.3)	2.2 (1.3)	# (#)	# (#)	# (#)	8.6 (2.7)	# (#)	8.3 (2.7)
Private, not-for-profit	55.6 (1.6)	34.9 (1.7)	41.5 (1.7)	44.1 (1.7)	17.9 (1.4)	36.1 (1.6)	26.4 (1.4)	26.1 (1.4)	1.4 (0.5)	4.0 (0.5)	3.1 (0.4)	8.6 (1.1)	2.0 (0.3)	6.6 (1.1)
4-year doctoral	51.0 (1.8)	27.7 (1.6)	39.7 (2.1)	39.3 (1.9)	12.0 (1.4)	34.3 (2.0)	24.4 (1.3)	23.6 (1.3)	1.4 (0.6)	4.6 (0.7)	3.7 (0.7)	8.4 (0.9)	2.1 (0.4)	5.9 (0.8)
Other 4-year	58.4 (2.3)	37.0 (2.5)	44.6 (2.3)	47.5 (2.4)	19.1 (2.1)	39.7 (2.3)	27.3 (2.0)	27.2 (2.0)	0.8 (0.3)	4.5 (0.8)	3.3 (0.6)	8.9 (1.7)	1.7 (0.4)	7.1 (1.6)
Less than 4-year	50.8 (6.2)	39.7 (5.9)	28.3 (5.6)	36.8 (4.7)	24.6 (4.0)	20.5 (3.6)	26.2 (5.4)	25.9 (5.3)	4.3 (3.9)	0.4 (0.2)	0.3 (0.2)	7.8 (2.4)	2.9 (1.0)	5.1 (1.9)
Private, for-profit	74.1 (2.9)	66.5 (3.3)	24.3 (2.6)	53.4 (3.1)	46.4 (3.1)	15.3 (2.4)	50.3 (3.6)	49.3 (3.5)	4.6 (1.5)	0.4 (0.1)	0.4 (0.1)	10.4 (1.2)	4.2 (0.8)	5.8 (0.9)
2-year and above	74.5 (2.8)	66.9 (3.2)	25.5 (2.7)	53.4 (3.3)	44.8 (3.4)	17.9 (2.7)	50.2 (3.8)	49.8 (3.7)	1.7 (1.1)	0.8 (0.3)	0.7 (0.3)	12.2 (1.8)	4.9 (1.1)	6.9 (1.3)
Less than 2-year	73.8 (5.0)	66.1 (5.7)	23.2 (4.2)	53.5 (5.1)	47.9 (5.1)	13.0 (3.8)	50.5 (5.9)	48.8 (5.8)	7.2 (2.7)	0.1 (0.1)	0.1 (0.1)	8.7 (1.5)	3.5 (1.1)	4.7 (1.1)
1999–2000														
All institutions	44.6 (0.8)	29.8 (0.6)	27.4 (0.8)	35.4 (0.7)	18.6 (0.5)	25.0 (0.7)	18.4 (0.6)	17.7 (0.6)	2.1 (0.1)	1.9 (0.1)	1.4 (0.1)	5.2 (0.4)	1.2 (0.1)	1.5 (0.3)
Public	39.7 (0.9)	24.8 (0.6)	25.3 (0.9)	31.7 (0.8)	15.9 (0.5)	23.3 (0.8)	13.5 (0.4)	13.0 (0.4)	1.3 (0.1)	1.5 (0.1)	1.1 (0.1)	4.5 (0.4)	0.7 (0.1)	1.4 (0.3)
4-year doctoral	51.0 (0.9)	36.8 (0.9)	30.0 (0.8)	35.7 (0.8)	17.9 (0.7)	26.7 (0.7)	31.5 (1.0)	30.3 (0.9)	3.3 (0.4)	3.0 (0.3)	1.9 (0.3)	5.2 (0.4)	2.3 (0.2)	0.8 (0.1)
Other 4-year	51.2 (1.3)	37.0 (1.4)	29.9 (1.1)	39.1 (1.2)	21.5 (1.3)	27.9 (1.1)	27.4 (1.0)	26.6 (1.0)	2.4 (0.3)	3.1 (0.5)	2.5 (0.4)	4.7 (0.4)	0.9 (0.2)	1.0 (0.2)
2-year	34.9 (1.1)	19.8 (0.7)	23.5 (1.2)	29.5 (1.1)	14.4 (0.6)	21.9 (1.2)	6.9 (0.4)	6.5 (0.4)	0.6 (0.1)	0.8 (0.1)	0.7 (0.1)	4.1 (0.5)	0.3 (0.1)	1.5 (0.5)
Less than 2-year	38.6 (3.1)	21.9 (3.9)	22.2 (1.8)	29.6 (3.2)	18.2 (3.5)	14.4 (2.5)	5.0 (3.1)	4.7 (3.1)	0.4 (0.3)	1.6 (0.5)	0.9 (0.3)	11.1 (2.4)	0.4 (0.3)	7.9 (2.1)
Private, not-for-profit	64.8 (1.0)	44.5 (1.6)	47.2 (1.3)	53.9 (1.2)	22.1 (1.3)	44.8 (1.4)	34.8 (1.5)	33.4 (1.4)	6.0 (0.5)	5.9 (0.5)	4.0 (0.4)	8.2 (0.8)	3.4 (0.4)	1.2 (0.3)
4-year doctoral	60.2 (1.6)	40.9 (1.7)	46.8 (1.6)	49.9 (1.5)	17.0 (1.2)	44.2 (1.5)	35.1 (1.8)	34.1 (1.7)	7.6 (1.0)	6.5 (0.9)	4.7 (0.8)	7.5 (1.1)	3.7 (0.6)	1.7 (0.7)
Other 4-year	66.2 (1.3)	44.6 (2.2)	48.5 (1.8)	54.9 (1.6)	22.2 (1.9)	46.3 (2.0)	34.4 (2.1)	32.8 (2.0)	5.7 (0.6)	5.8 (0.7)	3.7 (0.5)	8.5 (1.2)	2.9 (0.5)	0.9 (0.3)
Less than 4-year	71.2 (4.2)	57.3 (5.1)	37.2 (6.4)	61.0 (4.4)	41.7 (4.2)	34.4 (6.7)	36.4 (5.1)	35.9 (5.0)	2.9 (0.6)	4.6 (1.5)	3.5 (1.1)	8.6 (1.7)	5.6 (1.4)	2.0 (0.9)
Private, for-profit	83.1 (1.8)	78.5 (1.5)	22.3 (1.8)	58.9 (2.0)	53.3 (2.2)	14.6 (1.7)	62.7 (3.1)	61.2 (3.1)	6.1 (0.9)	0.3 (0.2)	0.3 (0.2)	11.4 (1.8)	4.6 (0.5)	3.9 (1.2)
2-year and above	81.8 (2.0)	77.9 (2.2)	25.4 (2.8)	54.0 (2.9)	45.6 (2.9)	19.3 (2.2)	69.5 (3.1)	68.5 (3.1)	6.0 (1.3)	0.3 (0.2)	0.3 (0.2)	11.1 (1.4)	5.9 (0.8)	2.5 (0.8)
Less than 2-year	84.7 (2.8)	79.1 (2.0)	18.7 (2.4)	64.5 (2.4)	62.2 (2.5)	9.1 (1.8)	54.8 (6.3)	52.9 (6.3)	6.3 (1.1)	0.4 (0.2)	0.3 (0.2)	11.8 (3.6)	3.1 (0.6)	5.5 (2.2)

Rounds to zero.

¹ Details on nonfederal work study participants are not available.

² Includes students who reported they were awarded aid, but did not specify the source of aid.

NOTE: Excludes students whose attendance status was not reported. Because of rounding and the fact that some students receive multiple types and sources of aid, details may not add to totals. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1995–96, and 1999–2000 National Postsecondary Student Aid Studies (NPSAS:93), (NPSAS:96), and (NPSAS:2000). (This table was prepared May 2002.)

Table 325. Percent of full-time and part-time undergraduates receiving aid, by federal aid program and control and type of institution: 1999–2000

Control and type of institution	Number of undergraduates, ¹ in thousands	Percent receiving federal aid in 1999–2000, by type							
		Any federal aid	Selected Title IV programs ²						
			Any Title IV aid	Pell	SEOG ³	CWS ⁴	Perkins ⁵	Stafford ⁶	PLUS ⁷
1	2	3	4	5	6	7	8	9	10
Full-time, full-year students									
All institutions	6,364	57.7 (0.6)	56.6 (0.6)	29.6 (0.6)	9.2 (0.3)	8.5 (0.3)	6.6 (0.3)	43.7 (0.6)	5.6 (0.2)
Public	4,538	52.6 (0.7)	51.3 (0.7)	29.3 (0.7)	7.6 (0.3)	5.4 (0.3)	4.6 (0.2)	37.5 (0.8)	3.9 (0.2)
4-year doctoral	1,999	54.7 (0.7)	53.8 (0.7)	25.0 (0.7)	7.3 (0.3)	5.8 (0.4)	7.1 (0.4)	46.7 (0.8)	6.1 (0.4)
Other 4-year	987	62.2 (1.5)	61.3 (1.5)	33.9 (2.1)	8.5 (0.8)	7.7 (0.8)	5.1 (0.6)	47.4 (1.8)	3.9 (0.6)
2-year	1,524	43.8 (1.3)	41.8 (1.2)	31.7 (1.2)	7.6 (0.7)	3.4 (0.5)	0.9 (0.2)	19.4 (1.2)	1.1 (0.2)
Less than 2-year	28	48.1 (6.4)	44.8 (6.7)	40.8 (6.9)	3.3 (1.6)	# (#)	# (#)	11.0 (4.1)	0.1 (0.1)
Private, not-for-profit	1,547	67.6 (1.0)	66.7 (1.0)	26.5 (1.3)	12.2 (0.6)	18.8 (0.8)	13.2 (0.7)	56.5 (1.2)	9.7 (0.6)
4-year doctoral	652	62.3 (1.4)	61.6 (1.4)	21.2 (1.0)	11.4 (0.7)	20.9 (1.1)	16.9 (1.1)	54.0 (1.5)	9.9 (0.7)
Other 4-year	836	72.2 (1.5)	71.1 (1.5)	29.9 (2.2)	12.4 (0.9)	17.7 (1.3)	11.0 (1.0)	59.7 (1.9)	9.6 (0.9)
Less than 4-year	60	62.6 (3.9)	60.3 (4.8)	38.3 (3.5)	17.6 (2.3)	10.9 (2.5)	4.2 (2.9)	39.7 (4.9)	8.8 (1.0)
Private, for-profit	278	86.0 (1.5)	85.7 (1.5)	51.2 (2.9)	17.6 (2.4)	2.0 (0.8)	3.6 (1.2)	74.1 (2.9)	10.9 (1.4)
2-year and above	211	85.3 (1.9)	85.0 (1.9)	45.2 (3.4)	18.5 (3.0)	2.1 (1.0)	4.0 (1.5)	78.6 (2.8)	12.3 (1.8)
Less than 2-year	68	88.3 (1.9)	88.1 (1.9)	69.7 (3.5)	15.0 (3.4)	1.6 (1.4)	2.2 (2.0)	59.9 (7.3)	6.7 (1.9)
Part-time or part-year students									
All institutions	10,176	29.8 (0.6)	27.9 (0.6)	18.3 (0.5)	3.9 (0.3)	1.4 (0.1)	1.1 (0.1)	17.5 (0.6)	1.2 (0.1)
Public	8,577	24.8 (0.6)	23.0 (0.6)	15.7 (0.5)	2.7 (0.2)	1.1 (0.1)	0.9 (0.1)	12.8 (0.4)	0.7 (0.1)
4-year doctoral	1,483	36.8 (0.9)	35.4 (0.9)	17.5 (0.7)	3.5 (0.3)	1.9 (0.3)	2.8 (0.2)	29.9 (0.9)	2.3 (0.2)
Other 4-year	1,011	37.0 (1.4)	35.3 (1.4)	21.3 (1.3)	4.1 (0.4)	2.5 (0.4)	1.9 (0.3)	26.1 (1.0)	0.9 (0.2)
2-year	5,998	19.8 (0.7)	17.9 (0.7)	14.2 (0.6)	2.3 (0.2)	0.7 (0.1)	0.2 (0.1)	6.5 (0.4)	0.3 (0.1)
Less than 2-year	84	21.9 (3.9)	19.5 (4.1)	18.2 (3.5)	2.6 (0.7)	0.9 (0.3)	0.2 (0.2)	4.5 (3.1)	0.4 (0.3)
Private, not-for-profit	1,035	44.5 (1.6)	41.8 (1.6)	21.3 (1.3)	6.5 (0.7)	4.0 (0.4)	3.0 (0.4)	33.0 (1.4)	3.4 (0.4)
4-year doctoral	305	40.9 (1.7)	39.1 (1.8)	16.1 (1.1)	5.3 (0.9)	4.7 (0.8)	4.6 (0.7)	33.6 (1.7)	3.7 (0.6)
Other 4-year	654	44.6 (2.2)	41.3 (2.3)	21.5 (2.0)	6.4 (0.9)	3.7 (0.5)	2.5 (0.4)	32.4 (2.0)	2.9 (0.5)
Less than 4-year	76	57.3 (5.1)	56.8 (5.1)	40.8 (4.3)	12.2 (3.3)	3.5 (1.1)	1.3 (0.6)	35.9 (5.0)	5.6 (1.4)
Private, for-profit	563	78.5 (1.5)	77.9 (1.6)	52.5 (2.2)	17.1 (2.9)	0.3 (0.2)	1.7 (0.6)	60.9 (3.1)	4.6 (0.5)
2-year and above	301	77.9 (2.2)	77.4 (2.3)	44.6 (2.9)	15.9 (2.8)	0.3 (0.2)	2.8 (1.1)	68.1 (3.1)	5.9 (0.8)
Less than 2-year	262	79.1 (2.0)	78.4 (2.0)	61.7 (2.5)	18.4 (5.2)	0.3 (0.2)	0.5 (0.2)	52.6 (6.4)	3.1 (0.6)

Rounds to zero.

¹ Numbers of undergraduates are based on a sample survey.² Title IV of the Higher Education Act.³ Supplemental Educational Opportunity Grants.⁴ College Work Study (CWS). Prior to October 17, 1986, private, for-profit institutions were prohibited by law from spending CWS funds for on-campus work. Includes persons who participated in the program, but had no earnings.⁵ Formerly National Direct Student Loans (NDSL).⁶ Formerly Guaranteed Student Loans (GSL).⁷ Parent Loans for Undergraduate Students.

NOTE: Excludes students whose attendance status was not reported. Because of rounding and the fact that some students receive aid from multiple sources, percents do not add to totals. The numbers in column 2 do not add to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000 National Postsecondary Student Aid Study (NPSAS:2000). (This table was prepared July 2002.)

Table 326. Average cumulative amount borrowed and sources of aid for full-time, full-year postbaccalaureate students, by level of study and control and type of institution: 1992–93, 1995–96, and 1999–2000

Level of study, control and type of institution	Cumulative amount borrowed for postbaccalaureate education	Aid status in percents					
		Nonaided	Receiving aid, by source				
			Any aid ¹	Federal	State	Institutional	Employer
1	2	3	4	5	6	7	8
1992–93							
All institutions	\$18,572 (\$707)	31.9 (1.0)	68.1 (1.0)	44.4 (1.5)	7.0 (0.7)	40.6 (1.7)	5.3 (0.5)
Master's degree	11,109 (467)	37.5 (2.1)	62.5 (2.1)	33.8 (2.0)	5.8 (0.8)	42.4 (2.7)	8.3 (0.9)
Public	9,335 (544)	34.6 (2.0)	65.4 (2.0)	33.9 (1.9)	7.8 (1.1)	44.0 (2.3)	7.6 (1.0)
4-year doctoral	9,597 (648)	34.3 (2.1)	65.7 (2.1)	32.4 (2.0)	6.7 (1.2)	46.3 (2.5)	7.7 (1.1)
Other 4-year	7,970 (401)	36.1 (4.1)	63.9 (4.1)	42.5 (4.4)	14.4 (2.9)	30.4 (4.3)	6.8 (2.6)
Private	13,628 (807)	41.6 (4.1)	58.4 (4.1)	33.7 (3.7)	3.2 (1.0)	40.2 (5.3)	9.4 (1.6)
4-year doctoral	13,879 (905)	39.3 (4.4)	60.7 (4.4)	34.2 (4.4)	2.9 (1.2)	42.9 (5.8)	8.9 (1.8)
Other 4-year	‡ (§)	56.5 (3.8)	43.5 (3.8)	30.5 (3.2)	5.1 (2.6)	22.8 (2.3)	12.1 (2.3)
Doctor's degree	16,895 (1,432)	30.4 (2.3)	69.6 (2.3)	28.3 (2.5)	4.4 (0.7)	51.6 (2.3)	3.0 (0.9)
Public	12,758 (1,005)	30.3 (2.8)	69.7 (2.8)	22.3 (2.4)	6.5 (1.0)	55.5 (2.7)	3.9 (1.2)
Private	21,742 (2,708)	30.4 (4.1)	69.6 (4.1)	37.8 (4.5)	1.1 (0.7)	45.5 (4.0)	1.7 (1.0)
First-professional	30,045 (1,237)	23.0 (1.2)	77.0 (1.2)	68.2 (1.8)	10.0 (1.5)	37.0 (1.9)	2.3 (0.5)
Public	24,469 (1,354)	20.7 (1.3)	79.3 (1.3)	72.5 (1.8)	13.4 (2.1)	37.7 (2.0)	2.3 (0.7)
Private	35,301 (2,056)	25.1 (1.7)	74.9 (1.7)	64.3 (2.3)	6.8 (1.3)	36.4 (3.1)	2.3 (0.6)
Other graduate	13,102 (2,268)	39.3 (5.4)	60.7 (5.4)	42.4 (4.4)	6.7 (1.4)	22.9 (3.0)	6.0 (1.9)
1995–96							
All institutions	\$27,122 (\$1,029)	23.9 (1.4)	76.1 (1.4)	49.3 (1.8)	4.1 (0.8)	43.4 (2.0)	5.0 (0.6)
Master's degree	18,807 (775)	27.4 (2.2)	72.6 (2.2)	43.6 (2.1)	2.4 (0.6)	42.8 (2.5)	6.6 (1.0)
Public	15,905 (750)	25.3 (2.6)	74.7 (2.6)	40.7 (2.4)	3.0 (0.9)	45.7 (3.1)	7.1 (1.4)
4-year doctoral	16,910 (865)	23.5 (3.0)	76.5 (3.0)	40.5 (2.6)	2.6 (0.8)	47.9 (3.7)	7.6 (1.6)
Other 4-year	11,417 (1,296)	34.0 (5.2)	66.0 (5.2)	41.4 (5.5)	5.1 (3.4)	35.0 (4.0)	4.5 (2.6)
Private	22,568 (1,326)	30.6 (3.7)	69.4 (3.7)	48.2 (4.0)	1.4 (0.7)	38.3 (4.2)	5.9 (1.5)
4-year doctoral	23,816 (1,530)	28.8 (4.6)	71.2 (4.6)	44.6 (4.5)	1.5 (1.0)	42.2 (5.0)	7.1 (2.1)
Other 4-year	20,299 (2,777)	34.6 (6.6)	65.4 (6.6)	56.1 (6.9)	1.3 (0.7)	29.7 (8.0)	3.2 (1.4)
Doctor's degree	24,380 (2,128)	17.1 (2.7)	82.9 (2.7)	27.6 (2.9)	0.6 (0.4)	75.7 (3.1)	5.5 (1.6)
Public	22,687 (2,716)	14.1 (3.3)	85.9 (3.3)	27.6 (3.5)	1.0 (0.5)	77.8 (3.9)	5.9 (2.0)
Private	28,083 (3,178)	22.5 (4.4)	77.5 (4.4)	27.6 (4.9)	# (#)	72.0 (4.9)	4.9 (2.4)
First-professional	37,540 (1,429)	16.8 (1.5)	83.2 (1.5)	73.9 (2.3)	9.4 (2.3)	31.6 (3.1)	1.3 (0.5)
Public	34,463 (2,685)	14.3 (1.9)	85.7 (1.9)	79.5 (2.3)	9.7 (4.2)	33.5 (5.4)	1.5 (0.8)
Private	40,350 (1,565)	19.0 (2.0)	81.0 (2.0)	69.3 (3.5)	9.2 (2.5)	30.0 (3.5)	1.2 (0.6)
Other graduate	13,557 (1,610)	43.5 (5.1)	56.5 (5.1)	34.0 (4.6)	2.2 (1.1)	31.4 (4.9)	6.1 (2.7)
Public 4-year doctoral	‡ (§)	36.9 (8.7)	63.1 (8.7)	32.2 (7.8)	4.0 (2.9)	35.2 (9.4)	1.8 (1.7)
Public other 4-year	12,057 (1,707)	46.8 (6.3)	53.2 (6.3)	35.0 (5.7)	1.2 (0.9)	29.4 (5.6)	8.3 (3.9)
1999–2000							
All institutions	\$38,428 (\$1,233)	17.8 (0.7)	82.2 (0.7)	54.0 (1.1)	6.2 (0.5)	48.7 (1.2)	5.8 (0.5)
Master's degree	24,751 (722)	20.6 (1.1)	79.4 (1.1)	50.4 (1.3)	5.4 (0.7)	46.2 (1.4)	8.4 (0.9)
Public	20,219 (704)	21.5 (1.5)	78.5 (1.5)	45.8 (1.6)	7.7 (1.2)	49.6 (1.7)	6.8 (0.9)
4-year doctoral	19,850 (826)	19.8 (1.6)	80.2 (1.6)	43.9 (1.7)	7.2 (1.3)	54.3 (1.9)	7.1 (1.0)
Other 4-year	21,815 (1,105)	29.8 (3.7)	70.2 (3.7)	54.9 (4.5)	10.4 (2.3)	26.8 (3.2)	5.3 (1.3)
Private	29,290 (1,161)	19.4 (1.6)	80.6 (1.6)	56.3 (2.2)	2.5 (0.6)	41.9 (2.2)	10.4 (1.7)
4-year doctoral	31,307 (1,437)	17.5 (1.8)	82.5 (1.8)	57.7 (2.3)	3.0 (0.8)	49.4 (2.6)	8.3 (1.1)
Other 4-year	23,032 (1,217)	24.8 (3.3)	75.2 (3.3)	52.4 (5.1)	1.1 (0.4)	20.9 (4.7)	16.3 (5.6)
Doctor's degree	37,234 (4,066)	11.5 (1.4)	88.6 (1.4)	30.2 (2.9)	2.6 (0.6)	77.5 (1.7)	5.4 (0.7)
Public	29,929 (1,750)	10.7 (1.2)	89.4 (1.2)	26.5 (1.6)	3.2 (0.9)	80.6 (1.7)	7.4 (1.0)
Private	47,129 (7,598)	12.7 (2.9)	87.3 (2.9)	35.9 (6.4)	1.6 (0.8)	72.9 (3.4)	2.3 (0.5)
First-professional	57,556 (2,062)	11.5 (1.1)	88.5 (1.1)	80.1 (1.5)	9.8 (1.4)	40.2 (2.7)	1.6 (0.4)
Public	48,328 (1,994)	11.4 (1.6)	88.6 (1.6)	81.7 (1.8)	13.1 (2.2)	39.5 (2.9)	1.6 (0.6)
Private	65,299 (3,141)	11.6 (1.5)	88.4 (1.5)	78.8 (2.3)	7.1 (1.8)	40.8 (4.2)	1.5 (0.6)
Other graduate	21,238 (1,419)	37.3 (3.6)	62.7 (3.6)	44.4 (3.7)	6.3 (1.4)	23.3 (3.4)	7.3 (1.8)

‡ Did not meet reporting standard.

Rounds to zero.

¹ Includes students who reported they were awarded aid, but did not specify the source of aid.

NOTE: Total includes some students whose level of study was unknown. Because of rounding and the fact that some students receive aid from multiple sources, percents do not add to totals. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1995–96, and 1999–2000 National Postsecondary Student Aid Studies (NPSAS:93), (NPSAS:96), and (NPSAS:2000). (This table was prepared June 2002.)

Table 327. Amount borrowed and sources of aid for part-time or part-year postbaccalaureate students, by level of study and control and type of institution: 1992-93, 1995-96, and 1999-2000

Level of study, and control and type of institution	Cumulative amount borrowed for postbaccalaureate education	Aid status in percents					
		Nonaided	Receiving aid, by source				
			Any aid ¹	Federal	State	Institutional	Employer
1	2	3	4	5	6	7	8
1992-93							
All institutions	\$9,577 (\$476)	71.3 (0.8)	28.7 (0.8)	10.8 (0.5)	1.9 (0.2)	12.7 (0.7)	16.7 (0.7)
Master's degree	8,003 (478)	71.7 (0.9)	28.3 (0.9)	10.5 (0.6)	1.6 (0.2)	11.1 (0.7)	18.7 (0.9)
Public	7,246 (376)	73.9 (1.0)	26.1 (1.0)	10.1 (0.6)	2.5 (0.4)	11.7 (0.8)	14.6 (0.9)
4-year doctoral	8,058 (499)	69.6 (1.3)	30.4 (1.3)	11.9 (0.8)	2.5 (0.4)	15.3 (1.0)	14.6 (1.1)
Other 4-year	5,396 (512)	81.2 (1.6)	18.8 (1.6)	6.9 (1.0)	2.4 (0.6)	5.5 (1.0)	14.4 (1.3)
Private	8,958 (802)	68.6 (1.7)	31.4 (1.7)	11.1 (1.0)	0.4 (0.1)	10.3 (1.0)	24.4 (1.3)
4-year doctoral	9,794 (1,208)	66.9 (2.0)	33.1 (2.0)	12.1 (1.3)	0.4 (0.2)	12.1 (1.4)	25.1 (1.7)
Other 4-year	7,313 (534)	71.7 (2.9)	28.3 (2.9)	9.3 (1.3)	0.6 (0.3)	6.9 (1.1)	23.1 (2.3)
Doctor's degree	12,858 (1,370)	56.2 (2.4)	43.8 (2.4)	8.6 (1.1)	3.5 (0.8)	33.1 (2.2)	12.0 (1.5)
Public	9,628 (1,227)	56.1 (2.6)	43.9 (2.6)	8.5 (1.2)	4.4 (1.2)	33.3 (2.5)	12.9 (1.6)
Private	17,048 (2,506)	56.4 (4.9)	43.6 (4.9)	8.9 (2.0)	1.6 (0.7)	32.6 (4.2)	10.2 (3.2)
First-professional	26,158 (2,269)	42.6 (3.2)	57.4 (3.2)	44.9 (3.1)	3.3 (0.7)	25.7 (2.3)	6.1 (1.2)
Public	21,931 (3,101)	50.8 (5.2)	49.2 (5.2)	42.9 (4.4)	3.6 (1.2)	22.2 (3.5)	5.1 (1.9)
Private	27,842 (2,711)	37.8 (4.0)	62.2 (4.0)	46.1 (4.2)	3.2 (0.9)	27.8 (2.9)	6.7 (1.5)
Other graduate	7,223 (896)	79.7 (1.5)	20.3 (1.5)	7.7 (0.8)	1.7 (0.5)	8.4 (1.0)	13.4 (1.2)
1995-96							
All institutions	\$16,193 (\$652)	59.3 (1.2)	40.7 (1.2)	13.8 (0.6)	1.4 (0.3)	16.7 (1.2)	16.1 (0.9)
Master's degree	14,635 (739)	56.3 (1.5)	43.7 (1.5)	15.1 (0.8)	1.2 (0.2)	16.5 (1.4)	18.4 (1.2)
Public	12,971 (915)	57.3 (2.0)	42.7 (2.0)	13.6 (0.9)	1.7 (0.4)	18.5 (1.9)	16.0 (1.4)
4-year doctoral	14,443 (1,152)	52.8 (2.7)	47.2 (2.7)	14.8 (1.2)	1.2 (0.4)	22.6 (2.7)	16.6 (1.8)
Other 4-year	9,273 (756)	66.4 (2.8)	33.6 (2.8)	11.1 (1.2)	2.8 (0.8)	10.3 (1.6)	14.8 (1.9)
Private	16,904 (1,246)	54.9 (2.3)	45.1 (2.3)	17.2 (1.4)	0.5 (0.2)	13.7 (1.9)	21.8 (2.1)
4-year doctoral	19,948 (1,967)	55.3 (3.0)	44.7 (3.0)	17.7 (1.7)	0.6 (0.3)	17.2 (3.0)	18.3 (2.3)
Other 4-year	13,006 (1,024)	54.5 (3.5)	45.5 (3.5)	16.6 (2.2)	0.3 (0.2)	9.6 (2.1)	25.9 (3.5)
Doctor's degree	19,530 (1,759)	48.6 (3.6)	51.4 (3.6)	12.1 (1.7)	0.6 (0.3)	39.3 (3.5)	9.0 (2.0)
Public	16,288 (1,358)	46.1 (4.7)	53.9 (4.7)	9.5 (1.9)	0.9 (0.5)	42.5 (4.6)	9.2 (2.4)
Private	24,882 (2,958)	53.3 (4.9)	46.7 (4.9)	17.2 (2.8)	# (#)	33.3 (4.8)	8.6 (3.6)
First-professional	32,803 (2,152)	32.2 (5.0)	67.8 (5.0)	47.4 (5.9)	4.3 (1.5)	27.0 (8.1)	7.0 (1.8)
Public	31,882 (2,070)	29.6 (5.4)	70.4 (5.4)	59.6 (5.0)	4.0 (2.0)	25.7 (4.6)	7.5 (3.3)
Private	33,160 (2,894)	33.1 (6.5)	66.9 (6.5)	43.5 (7.2)	4.3 (1.9)	27.4 (10.5)	6.8 (2.1)
Other graduate	13,008 (1,215)	74.0 (1.7)	26.0 (1.7)	7.0 (0.8)	1.9 (0.9)	8.4 (1.3)	13.3 (1.3)
Public 4-year doctoral	15,473 (2,280)	67.8 (2.6)	32.2 (2.6)	9.8 (1.6)	0.5 (0.3)	12.4 (2.5)	14.9 (2.1)
Public other 4-year	11,166 (1,313)	77.3 (2.2)	22.7 (2.2)	5.5 (0.9)	2.6 (1.4)	6.3 (1.3)	12.4 (1.6)
1999-2000							
All institutions	\$20,929 (\$554)	52.1 (0.8)	47.9 (0.8)	18.1 (0.6)	1.6 (0.2)	15.9 (0.6)	20.3 (0.7)
Master's degree	17,489 (517)	50.3 (0.9)	49.7 (0.9)	18.6 (0.7)	1.4 (0.2)	14.2 (0.7)	23.2 (0.8)
Public	14,420 (614)	53.7 (1.3)	46.3 (1.3)	15.9 (0.9)	2.0 (0.3)	15.3 (1.0)	20.6 (1.2)
4-year doctoral	15,891 (781)	50.3 (1.6)	49.7 (1.6)	17.1 (1.1)	2.0 (0.4)	17.9 (1.2)	21.5 (1.4)
Other 4-year	10,593 (651)	61.5 (2.0)	38.5 (2.0)	13.3 (1.5)	2.0 (0.5)	9.5 (1.4)	18.6 (2.0)
Private	20,692 (801)	45.9 (1.3)	54.1 (1.3)	22.0 (1.1)	0.6 (0.2)	12.7 (1.0)	26.5 (1.2)
4-year doctoral	23,434 (1,090)	43.6 (1.5)	56.4 (1.5)	23.1 (1.4)	0.8 (0.3)	14.7 (1.2)	25.9 (1.3)
Other 4-year	14,910 (1,092)	50.6 (2.5)	49.4 (2.5)	19.7 (2.0)	0.3 (0.2)	8.4 (1.5)	27.7 (2.4)
Doctor's degree	28,829 (1,883)	45.5 (1.7)	54.5 (1.7)	14.5 (1.3)	1.0 (0.3)	37.8 (1.7)	13.9 (1.3)
Public	25,423 (1,444)	46.4 (2.1)	53.6 (2.1)	12.8 (1.2)	1.5 (0.5)	40.8 (2.0)	12.2 (1.3)
Private	34,511 (3,883)	43.4 (2.7)	56.6 (2.7)	18.1 (3.2)	# (#)	31.4 (3.0)	17.5 (3.0)
First-professional	46,159 (2,527)	22.2 (2.3)	77.8 (2.3)	58.1 (4.8)	5.2 (1.4)	28.3 (2.8)	10.1 (1.9)
Public	36,078 (3,271)	20.6 (4.9)	79.4 (4.9)	60.7 (7.0)	6.6 (3.2)	23.9 (5.7)	6.5 (3.6)
Private	50,469 (3,018)	22.8 (2.6)	77.2 (2.6)	57.0 (6.0)	4.6 (1.4)	30.1 (3.2)	11.5 (2.2)
Other graduate	18,175 (1,364)	58.9 (2.9)	41.1 (2.9)	16.8 (2.5)	1.5 (0.7)	9.1 (1.5)	18.6 (2.4)

Rounds to zero.

¹ Includes students who reported they were awarded aid, but did not specify the source of aid.

NOTE: Total includes some students whose level of study was unknown. Because of rounding and the fact that some students receive aid from multiple sources, percents do not add to totals. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992-93, 1995-96, and 1999-2000 National Postsecondary Student Aid Studies, (NPSAS:93), (NPSAS:96), and (NPSAS:2000). (This table was prepared July 2002.)

Table 328. Full-time, full-year postbaccalaureate students, by type of aid, level of study, and control and type of institution: 1992–93, 1995–96, and 1999–2000

Level of study and control and type of institution	Post-baccalaureate students, ¹ in thousands	Type of aid in percents							
		Any aid ²	Fellowship grants	Tuition waivers	Assistantships ³	Employer	Loans		
							Any loans	Stafford ⁴	Perkins
1	2	3	4	5	6	7	8	9	10
1992–93									
All institutions	673	68.1 (1.0)	(5) (5)	12.4 (1.0)	14.3 (1.2)	3.3 (0.4)	43.5 (1.5)	41.1 (1.5)	9.0 (1.0)
Master's degree	281	62.5 (2.1)	(5) (5)	15.7 (1.3)	18.1 (1.9)	5.1 (0.7)	32.5 (2.0)	30.5 (2.0)	5.0 (0.8)
Public	163	65.4 (2.0)	(5) (5)	20.5 (1.8)	22.4 (1.9)	4.8 (0.8)	32.2 (2.0)	30.8 (1.9)	4.0 (0.7)
4-year doctoral	139	65.7 (2.1)	(5) (5)	23.3 (2.0)	23.5 (2.1)	4.7 (0.8)	30.6 (2.1)	29.6 (1.9)	3.3 (0.7)
Other 4-year	24	63.9 (4.1)	(5) (5)	4.4 (2.0)	15.8 (3.3)	5.3 (2.4)	41.5 (4.9)	38.4 (4.6)	8.3 (3.1)
Private	118	58.4 (4.1)	(5) (5)	8.9 (1.7)	12.2 (4.0)	5.6 (1.1)	32.9 (3.6)	30.0 (3.6)	6.4 (1.7)
4-year doctoral	102	60.7 (4.4)	(5) (5)	9.5 (1.9)	13.6 (4.5)	5.7 (1.3)	33.6 (4.2)	30.8 (4.3)	6.8 (1.9)
Other 4-year	16	43.5 (3.8)	(5) (5)	5.4 (0.6)	3.0 (1.5)	4.7 (0.4)	28.7 (2.5)	24.6 (2.5)	4.4 (0.4)
Doctor's degree	120	69.6 (2.3)	(5) (5)	19.5 (2.0)	27.1 (2.1)	2.2 (0.7)	25.8 (2.4)	23.9 (2.4)	3.5 (0.6)
Public	73	69.7 (2.8)	(5) (5)	23.1 (2.7)	31.6 (2.6)	3.1 (1.1)	20.6 (2.4)	18.9 (2.3)	2.9 (0.7)
Private	46	69.6 (4.1)	(5) (5)	13.6 (2.8)	19.9 (3.4)	0.9 (0.6)	34.1 (4.6)	31.9 (4.6)	4.3 (1.2)
First-professional	211	77.0 (1.2)	(5) (5)	5.6 (1.0)	4.4 (0.7)	1.2 (0.4)	67.8 (1.8)	65.6 (1.7)	19.3 (2.0)
Public	101	79.3 (1.3)	(5) (5)	5.4 (1.4)	4.3 (0.6)	1.3 (0.6)	71.8 (1.8)	69.9 (1.6)	23.2 (2.7)
Private	110	74.9 (1.7)	(5) (5)	5.8 (1.3)	4.5 (1.2)	1.2 (0.5)	64.1 (2.2)	61.6 (2.3)	15.7 (1.8)
Other graduate	61	60.7 (5.4)	(5) (5)	7.5 (1.8)	6.2 (1.9)	3.7 (1.1)	44.4 (4.2)	39.6 (4.3)	2.7 (0.8)
1995–96									
All institutions	861	76.1 (1.4)	(5) (5)	11.7 (1.3)	19.5 (1.4)	5.0 (0.6)	48.7 (1.8)	48.0 (1.8)	8.1 (0.9)
Master's degree	387	72.6 (2.2)	(5) (5)	13.5 (1.9)	20.2 (1.9)	6.6 (1.0)	43.1 (2.1)	42.5 (2.1)	5.1 (0.8)
Public	236	74.7 (2.6)	(5) (5)	17.8 (2.9)	28.9 (2.7)	7.1 (1.4)	39.5 (2.4)	38.8 (2.3)	3.5 (0.9)
4-year doctoral	195	76.5 (3.0)	(5) (5)	19.5 (3.3)	31.1 (3.2)	7.6 (1.6)	39.2 (2.7)	38.6 (2.6)	4.0 (1.0)
Other 4-year	41	66.0 (5.2)	(5) (5)	9.9 (4.2)	18.1 (3.3)	4.5 (2.6)	40.8 (5.4)	39.8 (5.4)	1.5 (1.1)
Private	151	69.4 (3.7)	(5) (5)	6.7 (1.9)	6.6 (1.6)	5.9 (1.5)	48.6 (4.0)	48.2 (4.0)	7.6 (1.4)
4-year doctoral	104	71.2 (4.6)	(5) (5)	6.4 (2.1)	8.8 (2.3)	7.1 (2.1)	44.6 (4.5)	44.6 (4.5)	9.6 (1.8)
Other 4-year	47	65.4 (6.6)	(5) (5)	7.4 (3.9)	1.9 (1.0)	3.2 (1.4)	57.4 (6.6)	56.1 (6.9)	3.3 (1.7)
Doctor's degree	147	82.9 (2.7)	(5) (5)	24.3 (3.4)	51.8 (4.1)	5.5 (1.6)	25.2 (2.6)	25.2 (2.6)	1.5 (0.6)
Public	94	85.9 (3.3)	(5) (5)	30.9 (4.6)	59.9 (4.6)	5.9 (2.0)	26.7 (3.3)	26.7 (3.3)	1.4 (0.7)
Private	53	77.5 (4.4)	(5) (5)	12.4 (4.4)	37.3 (6.5)	4.9 (2.4)	22.6 (4.3)	22.6 (4.3)	1.7 (1.2)
First-professional	253	83.2 (1.5)	(5) (5)	3.0 (0.7)	4.0 (0.7)	1.3 (0.5)	74.4 (2.3)	73.0 (2.5)	18.4 (1.9)
Public	115	85.7 (1.9)	(5) (5)	3.8 (1.0)	4.1 (1.1)	1.5 (0.8)	79.0 (2.4)	78.6 (2.4)	20.7 (2.5)
Private	138	81.0 (2.0)	(5) (5)	2.4 (0.9)	3.8 (1.0)	1.2 (0.6)	70.6 (3.5)	68.3 (3.8)	16.4 (2.6)
Other graduate	54	56.5 (5.1)	(5) (5)	9.8 (3.8)	6.4 (2.1)	6.1 (2.7)	31.3 (4.2)	30.9 (4.2)	2.6 (1.1)
Public 4-year doctoral	18	63.1 (8.7)	(5) (5)	9.2 (8.6)	6.2 (3.1)	1.8 (1.7)	30.2 (7.4)	30.2 (7.4)	0.7 (0.7)
Public other 4-year	36	53.2 (6.3)	(5) (5)	10.1 (3.8)	6.6 (2.7)	8.3 (3.9)	31.8 (5.1)	31.2 (5.0)	3.6 (1.6)
1999–2000									
All institutions	918	82.2 (0.7)	20.0 (1.0)	11.5 (0.5)	23.2 (0.8)	5.8 (0.5)	53.7 (1.1)	52.0 (1.1)	8.7 (0.9)
Master's degree	395	79.4 (1.1)	17.2 (1.0)	12.0 (0.9)	22.6 (1.2)	8.4 (0.9)	50.2 (1.4)	48.7 (1.3)	5.9 (0.6)
Public	222	78.5 (1.5)	15.5 (1.4)	18.5 (1.4)	30.5 (1.7)	6.8 (0.9)	44.4 (1.6)	43.6 (1.6)	3.0 (0.6)
4-year doctoral	184	80.2 (1.6)	16.6 (1.6)	19.4 (1.7)	34.0 (2.0)	7.1 (1.0)	42.2 (1.7)	41.6 (1.7)	3.1 (0.7)
Other 4-year	38	70.2 (3.7)	10.7 (3.1)	14.0 (2.0)	13.7 (2.1)	5.3 (1.3)	54.7 (4.5)	53.3 (4.4)	2.2 (1.1)
Private	172	80.6 (1.6)	19.2 (1.5)	3.6 (0.8)	12.3 (1.6)	10.4 (1.7)	57.7 (2.2)	55.3 (2.2)	9.8 (1.2)
4-year doctoral	127	82.5 (1.8)	23.4 (1.9)	4.2 (1.0)	14.0 (1.5)	8.3 (1.1)	60.1 (2.5)	56.7 (2.4)	11.5 (1.5)
Other 4-year	46	75.2 (3.3)	7.7 (2.0)	1.9 (0.7)	7.8 (4.2)	16.3 (5.6)	51.2 (5.1)	51.2 (5.1)	4.9 (1.9)
Doctor's degree	184	88.6 (1.4)	37.8 (2.3)	23.3 (1.5)	55.0 (2.6)	5.4 (0.7)	29.5 (2.9)	27.9 (2.9)	4.7 (2.9)
Public	111	89.4 (1.2)	30.1 (1.5)	35.5 (1.8)	63.5 (1.9)	7.4 (1.0)	26.2 (1.7)	24.4 (1.5)	1.1 (0.4)
Private	73	87.3 (2.9)	49.5 (4.6)	4.9 (1.0)	41.9 (5.0)	2.3 (0.5)	34.4 (6.5)	33.1 (6.6)	10.2 (6.8)
First-professional	253	88.5 (1.1)	16.4 (2.2)	4.1 (0.8)	6.5 (1.0)	1.6 (0.4)	80.8 (1.4)	78.7 (1.6)	18.0 (1.8)
Public	113	88.6 (1.6)	12.3 (2.0)	7.3 (1.6)	6.5 (1.6)	1.6 (0.6)	81.8 (1.8)	80.6 (1.8)	20.1 (2.5)
Private	140	88.4 (1.5)	19.8 (3.6)	1.5 (0.6)	6.5 (1.3)	1.5 (0.6)	79.9 (2.1)	77.2 (2.6)	16.3 (2.7)
Other graduate	86	62.7 (3.6)	5.3 (1.5)	6.0 (1.7)	7.4 (1.9)	7.3 (1.8)	42.2 (4.1)	40.6 (4.1)	3.1 (1.1)

¹ Numbers of postbaccalaureate students may not equal figures reported in other tables, since these data are based on a sample survey of all postbaccalaureate students.
² Includes students who reported they were awarded aid, but did not specify the source of aid.
³ Includes students who received teaching or research assistantships and/or participated in work-study programs.
⁴ Stafford loans, formerly Guaranteed Student Loans (GSL).
⁵ Fellowship estimates for 1992–93 and 1995–96 were based primarily on information provided by institutions, and are not comparable to data for 1999–2000, which were based on information provided by both students and institutions.

NOTE: Excludes students whose attendance status was not reported. Total includes some students whose level of study was unknown. Because of rounding and the fact that some students receive aid from multiple sources, details do not add to totals. Some data have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1995–96, and 1999–2000 National Postsecondary Student Aid Studies (NPSAS:93, NPSAS:96, and NPSAS:2000). (This table was prepared July 2002.)

Table 329. Part-time or part-year postbaccalaureate students, by type of aid, level of study, and control and type of institution: 1992-93, 1995-96, and 1999-2000

Level of study and control and type of institution	Post-baccalaureate students, ¹ in thousands	Type of aid in percents							
		Any aid ²	Fellowship grants	Tuition waivers	Assistantships ³	Employer	Loans		
							Any loans	Stafford ⁴	Perkins
1	2	3	4	5	6	7	8	9	10
1992-93									
All institutions	1,950	28.7 (0.8)	(5) (5)	5.1 (0.3)	4.3 (0.3)	7.9 (0.4)	10.5 (0.5)	9.4 (0.4)	1.0 (0.1)
Master's degree	1,322	28.3 (0.9)	(5) (5)	4.6 (0.4)	3.8 (0.3)	8.8 (0.5)	10.3 (0.5)	9.3 (0.5)	0.9 (0.1)
Public	773	26.1 (1.0)	(5) (5)	4.9 (0.5)	5.2 (0.4)	6.7 (0.5)	9.9 (0.6)	9.0 (0.6)	1.2 (0.2)
4-year doctoral	489	30.4 (1.3)	(5) (5)	6.5 (0.6)	6.7 (0.6)	6.7 (0.7)	11.8 (0.8)	10.7 (0.7)	1.5 (0.2)
Other 4-year	284	18.8 (1.6)	(5) (5)	2.3 (0.5)	2.6 (0.6)	6.5 (0.8)	6.5 (0.9)	6.0 (0.9)	0.6 (0.2)
Private	549	31.4 (1.7)	(5) (5)	4.2 (0.5)	1.8 (0.4)	11.8 (0.9)	11.0 (1.0)	9.7 (0.9)	0.5 (0.2)
4-year doctoral	357	33.1 (2.0)	(5) (5)	4.4 (0.7)	2.5 (0.7)	12.1 (1.2)	11.9 (1.3)	10.5 (1.2)	0.6 (0.3)
Other 4-year	192	28.3 (2.9)	(5) (5)	3.8 (0.9)	0.7 (0.3)	11.2 (1.5)	9.3 (1.2)	8.1 (1.1)	0.3 (0.2)
Doctor's degree	149	43.8 (2.4)	(5) (5)	12.7 (1.7)	17.0 (1.9)	5.5 (1.2)	7.3 (1.0)	6.9 (1.0)	0.8 (0.1)
Public	97	43.9 (2.6)	(5) (5)	15.0 (2.1)	17.0 (1.9)	6.4 (1.2)	7.1 (1.0)	6.5 (1.0)	0.7 (0.1)
Private	51	43.6 (4.9)	(5) (5)	8.3 (2.6)	17.0 (4.0)	3.7 (2.7)	7.7 (2.0)	7.5 (2.1)	1.2 (0.4)
First-professional	64	57.4 (3.2)	(5) (5)	5.9 (1.1)	3.1 (0.8)	3.4 (0.9)	45.6 (3.1)	42.0 (2.9)	6.2 (1.0)
Public	24	49.2 (5.2)	(5) (5)	6.8 (1.6)	6.1 (2.1)	2.5 (1.2)	42.4 (4.4)	41.4 (4.3)	8.5 (2.0)
Private	40	62.2 (4.0)	(5) (5)	5.4 (1.4)	1.4 (0.5)	3.9 (1.3)	47.5 (4.3)	42.3 (4.0)	4.9 (1.1)
Other graduate	415	20.3 (1.5)	(5) (5)	3.4 (0.6)	1.6 (0.4)	6.4 (0.9)	7.1 (0.8)	6.0 (0.7)	0.5 (0.3)
1995-96									
All institutions	1,842	40.7 (1.2)	(5) (5)	6.1 (0.6)	7.4 (0.9)	16.1 (0.9)	13.4 (0.6)	13.1 (0.6)	0.9 (0.1)
Master's degree	1,118	43.7 (1.5)	(5) (5)	5.6 (0.7)	7.4 (1.1)	18.4 (1.2)	14.5 (0.8)	14.3 (0.8)	0.7 (0.2)
Public	649	42.7 (2.0)	(5) (5)	6.0 (1.0)	10.7 (1.7)	16.0 (1.4)	13.2 (0.9)	12.9 (0.9)	0.9 (0.2)
4-year doctoral	432	47.2 (2.7)	(5) (5)	7.1 (1.4)	13.7 (2.5)	16.6 (1.8)	14.3 (1.2)	14.2 (1.2)	1.0 (0.3)
Other 4-year	217	33.6 (2.8)	(5) (5)	3.9 (1.0)	4.9 (1.1)	14.8 (1.9)	11.0 (1.2)	10.5 (1.2)	0.6 (0.3)
Private	470	45.1 (2.3)	(5) (5)	5.1 (1.0)	2.7 (0.6)	21.8 (2.1)	16.4 (1.4)	16.1 (1.3)	0.5 (0.2)
4-year doctoral	255	44.7 (3.0)	(5) (5)	4.3 (1.1)	4.0 (1.0)	18.3 (2.3)	17.6 (1.8)	17.0 (1.7)	0.8 (0.4)
Other 4-year	215	45.5 (3.5)	(5) (5)	5.9 (1.7)	1.2 (0.5)	25.9 (3.5)	15.0 (2.1)	14.9 (2.1)	0.1 (0.1)
Doctor's degree	181	51.4 (3.6)	(5) (5)	12.7 (2.8)	26.0 (3.5)	9.0 (2.0)	12.0 (1.7)	12.0 (1.7)	0.4 (0.2)
Public	119	53.9 (4.7)	(5) (5)	15.6 (3.6)	31.9 (4.6)	9.2 (2.4)	9.2 (1.9)	9.2 (1.9)	0.3 (0.3)
Private	62	46.7 (4.9)	(5) (5)	7.4 (3.8)	14.7 (4.0)	8.6 (3.6)	17.2 (2.8)	17.2 (2.8)	0.7 (0.5)
First-professional	60	67.8 (5.0)	(5) (5)	3.8 (1.2)	3.1 (1.0)	7.0 (1.8)	47.8 (5.8)	45.7 (5.9)	9.5 (2.3)
Public	15	70.4 (5.4)	(5) (5)	4.8 (2.5)	7.9 (3.2)	7.5 (3.3)	58.1 (5.0)	57.4 (5.0)	12.2 (2.7)
Private	46	66.9 (6.5)	(5) (5)	3.5 (1.3)	1.6 (0.8)	6.8 (2.1)	44.5 (7.1)	41.9 (7.2)	8.6 (2.9)
Other graduate	483	26.0 (1.7)	(5) (5)	5.5 (1.1)	1.5 (0.5)	13.3 (1.3)	6.7 (0.8)	6.6 (0.8)	0.5 (0.2)
Public 4-year doctoral	166	32.2 (2.6)	(5) (5)	8.6 (2.2)	0.4 (0.2)	14.9 (2.1)	9.7 (1.6)	9.6 (1.6)	0.4 (0.3)
Public other 4-year	317	22.7 (2.2)	(5) (5)	3.8 (1.2)	2.1 (0.8)	12.4 (1.6)	5.2 (0.9)	5.0 (0.9)	0.6 (0.2)
1999-2000									
All institutions	1,740	47.9 (0.8)	4.8 (0.3)	5.8 (0.3)	5.4 (0.3)	20.3 (0.7)	18.0 (0.6)	16.9 (0.6)	1.0 (0.2)
Master's degree	1,103	49.7 (0.9)	4.5 (0.4)	5.1 (0.4)	4.8 (0.4)	23.2 (0.8)	18.4 (0.7)	17.2 (0.7)	0.7 (0.1)
Public	625	46.3 (1.3)	3.9 (0.6)	6.4 (0.6)	6.3 (0.6)	20.6 (1.2)	15.7 (0.9)	14.7 (0.9)	0.7 (0.2)
4-year doctoral	434	49.7 (1.6)	4.2 (0.6)	7.4 (0.7)	8.0 (0.8)	21.5 (1.4)	16.7 (1.1)	15.6 (1.1)	0.5 (0.2)
Other 4-year	191	38.5 (2.0)	3.2 (1.2)	4.1 (0.9)	2.3 (0.6)	18.6 (2.0)	13.5 (1.5)	12.7 (1.5)	1.2 (0.4)
Private	478	54.1 (1.3)	5.3 (0.6)	3.3 (0.4)	2.8 (0.5)	26.5 (1.2)	21.8 (1.2)	20.5 (1.1)	0.7 (0.2)
4-year doctoral	323	56.4 (1.5)	6.3 (0.8)	3.6 (0.5)	3.3 (0.6)	25.9 (1.3)	22.7 (1.5)	21.4 (1.4)	0.8 (0.3)
Other 4-year	156	49.4 (2.5)	3.1 (0.8)	2.7 (0.7)	1.7 (0.9)	27.7 (2.4)	20.0 (2.1)	18.6 (2.0)	0.6 (0.4)
Doctor's degree	153	54.5 (1.7)	11.2 (1.2)	14.9 (1.2)	21.3 (1.5)	13.9 (1.3)	14.1 (1.3)	13.5 (1.3)	1.3 (0.9)
Public	104	53.6 (2.1)	9.1 (1.0)	19.4 (1.5)	25.9 (1.7)	12.2 (1.3)	12.3 (1.1)	11.7 (1.1)	0.3 (0.2)
Private	49	56.6 (2.7)	15.6 (2.8)	5.3 (1.6)	11.4 (1.8)	17.5 (3.0)	18.0 (3.1)	17.3 (3.2)	3.3 (2.7)
First-professional	72	77.8 (2.3)	10.1 (2.4)	5.3 (1.4)	4.0 (1.7)	10.1 (1.9)	60.7 (4.0)	57.4 (4.8)	7.2 (2.5)
Public	21	79.4 (4.9)	9.5 (3.7)	4.3 (2.2)	6.6 (5.0)	6.5 (3.6)	65.1 (6.8)	60.7 (7.0)	6.0 (2.1)
Private	52	77.2 (2.6)	10.3 (2.9)	5.7 (1.7)	2.9 (1.1)	11.5 (2.2)	59.0 (4.9)	56.1 (6.1)	7.6 (3.4)
Other graduate	412	41.1 (2.9)	2.5 (0.4)	4.4 (0.8)	1.5 (0.3)	16.8 (1.5)	11.1 (1.3)	10.3 (1.2)	0.4 (0.2)

¹ Numbers of postbaccalaureate students may not equal figures reported in other tables, since these data are based on a sample survey of all postbaccalaureate students. Includes students who enrolled at any time during the academic year.

² Includes students who reported they were awarded aid but did not specify the source of aid.

³ Includes students who received teaching or research assistantships and/or participated in work-study programs.

⁴ Stafford loans, formerly Guaranteed Student Loans (GSL).

⁵ Fellowship estimates for 1992-93 and 1995-96 were based primarily on information provided by institutions, and are not comparable to data for 1999-2000, which were based on information provided by both students and institutions.

NOTE: Excludes students whose attendance status was not reported. Total includes some students whose level of study was unknown. Because of rounding and the fact that some students receive aid from multiple sources, details do not add to totals. Some data have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992-93, 1995-96, and 1999-2000 National Postsecondary Student Aid Studies (NPSAS:93), (NPSAS:96), and (NPSAS:2000). (This table was prepared August 2002.)

Table 330. Scholarship and fellowship awards of degree-granting institutions, by type of funds and control of institution: Selected years, 1959–60 to 2000–01

[In thousands]

Year	Total scholarship and fellowship awards ¹			Scholarship and fellowship awards from unrestricted funds ¹			Scholarship and fellowship awards from restricted funds ¹		
	All institutions	Public	Private	All institutions	Public	Private	All institutions	Public	Private
1	2	3	4	5	6	7	8	9	10
Higher education institutions²									
1959–60	\$172,051	\$59,673	\$112,377	—	—	—	—	—	—
1961–62	228,765	78,255	150,510	—	—	—	—	—	—
1963–64	300,370	107,767	192,603	—	—	—	—	—	—
1965–66	425,524	153,256	272,269	—	—	—	—	—	—
1966–67	583,390	248,077	335,311	—	—	—	—	—	—
1967–68	712,425	326,915	385,510	—	—	—	—	—	—
1968–69	814,755	367,433	447,322	—	—	—	—	—	—
1969–70	984,594	456,977	527,617	—	—	—	—	—	—
1970–71	1,098,198	528,243	569,955	—	—	—	—	—	—
1971–72	1,241,372	621,387	619,986	—	—	—	—	—	—
1972–73	1,322,411	656,054	666,357	—	—	—	—	—	—
1973–74	1,396,488	705,691	690,797	—	—	—	—	—	—
1974–75	1,449,542	718,780	730,762	\$631,801	\$267,191	\$364,610	\$817,741	\$451,589	\$366,152
1975–76	1,635,859	798,515	837,343	686,604	276,334	410,269	949,255	522,181	427,074
1976–77	1,770,215	859,011	911,204	748,763	291,073	457,690	1,021,451	567,938	453,514
1977–78	1,839,298	840,666	998,632	818,101	305,563	512,537	1,021,197	535,102	486,095
1978–79	1,944,599	861,578	1,083,021	883,213	326,201	557,012	1,061,386	535,377	526,009
1979–80	2,200,468	970,363	1,230,106	904,876	324,224	580,652	1,295,592	646,138	649,454
1980–81	2,504,525	1,064,864	1,439,661	1,080,614	367,476	713,138	1,423,911	697,388	726,523
1981–82	2,684,945	1,088,717	1,596,228	1,236,081	374,632	861,449	1,448,864	714,085	734,779
1982–83	2,922,897	1,188,383	1,734,514	1,478,762	460,291	1,018,470	1,444,136	728,092	716,044
1983–84	3,301,673	1,276,644	2,025,028	1,738,188	518,626	1,219,562	1,563,485	758,018	805,466
1984–85	3,670,355	1,374,803	2,295,551	1,961,597	569,058	1,392,539	1,708,758	805,745	903,012
1985–86	4,160,174	1,575,909	2,584,266	2,285,116	696,973	1,588,143	1,875,059	878,935	996,123
1986–87	4,776,100	1,751,671	3,024,430	2,644,615	750,931	1,893,684	2,131,486	1,000,740	1,130,746
1987–88	5,325,358	1,941,389	3,383,968	2,941,143	830,195	2,110,948	2,384,215	1,111,194	1,273,021
1988–89	5,918,666	2,150,350	3,768,316	3,282,698	944,001	2,338,697	2,635,969	1,206,349	1,429,619
1989–90	6,655,544	2,386,493	4,269,051	3,853,904	1,099,425	2,754,479	2,801,640	1,287,068	1,514,572
1990–91	7,551,184	2,688,532	4,862,651	4,445,106	1,270,158	3,174,947	3,106,078	1,418,374	1,687,704
1991–92	9,060,000	3,255,660	5,804,340	5,205,797	1,523,721	3,682,076	3,854,203	1,731,939	2,122,264
1992–93	10,148,373	3,727,838	6,420,536	5,949,037	1,745,339	4,203,697	4,199,337	1,982,498	2,216,838
1993–94	11,238,010	4,222,923	7,015,087	6,644,717	1,934,617	4,710,100	4,593,293	2,288,306	2,304,987
1994–95	12,285,328	4,662,023	7,623,304	7,329,384	2,149,036	5,180,348	4,955,944	2,512,988	2,442,957
1995–96	13,138,965	5,085,519	8,053,446	8,206,014	2,456,142	5,749,873	4,932,951	2,629,377	2,303,573
Degree-granting institutions³									
1995–96	13,195,102	5,084,653	8,110,450	8,213,049	2,457,139	5,755,910	4,982,054	2,627,514	2,354,540
1996–97	—	5,554,360	—	—	2,734,268	—	—	2,820,091	—
1997–98	—	5,947,587	—	—	2,944,138	—	—	3,003,449	—
1998–99	—	6,417,812	—	—	3,168,528	—	—	3,249,284	—
1999–2000	—	6,785,423	—	—	—	—	—	—	—
2000–01	—	7,766,208	—	—	—	—	—	—	—

—Not available.

¹ Includes Supplemental Educational Opportunity Grants and State Student Incentive Grants, but excludes Pell Grants.² Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.³ Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: Scholarships and fellowships from restricted funds are limited by donors or other external agencies to specific purposes, programs, departments, or schools. Scholarships and fellowship funds subject to these externally imposed restrictions are tab-

ulated separately (through 1998–99) from the scholarships and fellowships from unrestricted funds, which are only subject to internal designations imposed by the governing board. Detail may not sum due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States, 1959–60 through 1963–64*; Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys, 1965–66 through 1985–86; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1986–87 through 1999–2000, and Spring 2002 survey. (This table was prepared October 2003.)

Table 331. Pell Grant revenue, current-fund revenue, and tuition of degree-granting institutions, by control and type of institution:
1985-86 to 2000-01

[Dollars in thousands]

Year and type of institution	Total			Public			Private					
	Current-fund revenue	Tuition	Pell Grant revenue	Pell Grants as a percent of current-fund revenue	Current-fund revenue	Tuition	Pell Grant revenue	Pell Grants as a percent of current-fund revenue	Current-fund revenue	Tuition	Pell Grant revenue	Pell Grants as a percent of current-fund revenue
1	2	3	4	5	6	7	8	9	10	11	12	13
Higher education institutions¹												
1985-86	\$100,437,616	\$23,116,605	\$2,565,048	2.6	\$65,004,632	\$9,439,177	\$1,873,456	2.9	\$35,432,985	\$13,677,429	\$691,592	2.0
4-year	88,144,386	20,498,399	1,770,042	2.0	53,746,503	7,539,717	1,214,303	2.3	34,397,882	12,958,683	555,739	1.6
2-year	12,293,231	2,618,206	795,006	6.5	11,258,128	1,899,460	659,153	5.9	1,035,102	718,746	135,853	13.1
1989-90	139,635,477	33,926,060	3,348,018	2.4	88,911,433	13,820,240	2,566,209	2.9	50,724,044	20,105,820	781,809	1.5
4-year	122,858,290	30,302,689	2,253,803	1.8	73,415,696	11,090,012	1,591,684	2.2	49,442,595	19,212,677	662,119	1.3
2-year	16,777,187	3,623,371	1,094,215	6.5	15,495,738	2,730,229	974,525	6.3	1,281,449	893,143	119,690	9.3
1990-91	149,766,051	37,434,462	3,510,537	2.3	94,904,506	15,258,024	2,725,357	2.9	54,861,545	22,176,439	785,180	1.4
4-year	131,743,973	33,405,241	2,312,931	1.8	78,272,989	12,188,851	1,647,376	2.1	53,470,984	21,216,389	665,554	1.2
2-year	18,022,078	4,029,222	1,197,606	6.6	16,631,517	3,069,173	1,077,981	6.5	1,390,562	960,049	119,625	8.6
1994-95	189,120,570	51,506,876	4,524,313	2.4	119,312,493	21,908,104	3,594,407	3.0	69,808,077	29,598,772	929,906	1.3
4-year	166,144,023	45,863,702	2,690,643	1.6	97,963,262	17,385,587	1,890,393	1.9	68,180,761	28,478,115	800,250	1.2
2-year	22,976,547	5,643,174	1,833,670	8.0	21,349,231	4,522,517	1,704,014	8.0	1,627,317	1,120,657	129,656	8.0
Degree-granting institutions²												
1995-96	197,973,236	55,260,293	4,598,793	2.3	123,501,152	23,257,454	3,603,696	2.9	74,472,083	32,002,839	995,097	1.3
4-year	173,358,920	48,937,146	2,692,395	1.6	101,033,907	18,512,146	1,906,294	1.9	72,325,013	30,425,000	786,101	1.1
2-year	24,614,316	6,323,147	1,906,398	7.7	22,467,245	4,745,308	1,697,402	7.6	2,147,071	1,577,839	208,997	9.7
1996-97	—	—	—	—	129,504,834	24,631,120	3,842,673	3.0	—	—	—	—
4-year	—	—	—	—	106,532,586	19,732,029	2,048,953	1.9	—	—	—	—
2-year	—	—	—	—	22,972,249	4,899,091	1,793,720	7.8	—	—	—	—
1997-98	—	—	—	—	137,570,935	26,058,092	4,223,804	3.1	—	—	—	—
4-year	—	—	—	—	112,912,045	20,933,464	2,278,713	2.0	—	—	—	—
2-year	—	—	—	—	24,658,890	5,124,628	1,945,091	7.9	—	—	—	—
1998-99	—	—	—	—	144,969,708	27,427,984	4,705,775	3.2	—	—	—	—
4-year	—	—	—	—	118,681,699	22,038,329	2,594,331	2.2	—	—	—	—
2-year	—	—	—	—	26,288,009	5,389,655	2,111,443	8.0	—	—	—	—
1999-2000	—	—	—	—	157,313,664	29,125,603	4,791,138	3.0	—	—	—	—
4-year	—	—	—	—	128,993,211	23,376,317	2,570,551	2.0	—	—	—	—
2-year	—	—	—	—	28,320,453	5,749,285	2,220,587	7.8	—	—	—	—
2000-01	—	—	—	—	176,645,215	31,919,611	5,409,175	3.1	—	—	—	—
4-year	—	—	—	—	145,182,096	25,784,677	2,918,577	2.0	—	—	—	—
2-year	—	—	—	—	31,463,120	6,134,934	2,490,598	7.9	—	—	—	—

—Not available.
¹Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.
²Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.
 NOTE: Pell Grants which are spent on campus for tuition, room, board or other college expenses are included in current-fund revenue. Detail may not sum to totals due to rounding.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education, Fiscal Year 1986" survey, and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1989-90 through 1999-2000, and Spring 2002. (This table was prepared October 2003.)

Table 332. State awards for need-based undergraduate scholarship and grant programs, by state: 1988-89 to 2001-02
 (In thousands)

State	1988-89	1989-90	1990-91	1991-92	1992-93 ¹	1993-94 ¹	1994-95 ¹	1995-96 ¹	1996-97 ¹	1997-98 ¹	1998-99 ¹	1999-2000 ¹	2000-01 ¹	2001-02 ¹	Percent change 1988-89 to 2001-02 ²
Need-based undergraduate aid as a percent of all need-based and non-need-based aid³	78.2	76.8	77.4	74.7	75.7	75.7	77.5	84.4	83.5	81.5	79.9	76.7	75.1	74.4	16
Need-based aid	\$1,423,743	\$1,529,421	\$1,658,221	\$1,781,820	\$1,923,720	\$2,195,993	\$2,421,952	\$2,435,667	\$2,555,667	\$2,735,670	\$2,927,207	\$3,102,348	\$3,475,500	\$3,790,435	166.2
Alabama	2,196	2,984	2,878	2,183	2,271	2,283	2,281	2,142	1,950	2,270	2,046	1,831	1,820	1,841	-16.2
Alaska	234	464	464	475	470	454	444	430	213	240	213	0	0	0	†
Arizona	3,508	3,420	3,318	2,278	2,437	3,476	3,482	2,291	2,748	3,160	2,731	2,727	2,990	2,812	-19.8
Arkansas	3,903	3,885	3,885	4,742	7,701	7,701	8,907	10,765	12,569	13,160	15,922	35,070	30,887	29,006	643.2
California	129,264	153,045	161,642	172,852	151,379	207,969	232,067	235,582	257,544	284,410	331,636	369,785	461,914	514,348	297.9
Colorado	9,395	10,349	11,276	12,380	14,812	16,480	18,252	21,076	28,236	31,670	31,670	41,884	41,884	46,700	397.1
Connecticut	21,149	20,580	20,580	20,595	20,641	20,641	20,641	20,372	20,372	26,360	33,113	37,001	44,364	44,820	111.9
Delaware	829	956	1,066	906	1,121	1,270	1,033	1,188	959	1,290	1,409	1,057	1,057	1,211	46.1
District of Columbia	1,075	1,069	947	978	1,015	1,022	1,022	939	5 939	781	743	781	1,321	1,321	22.9
Florida	16,522	20,134	24,729	29,279	29,628	36,824	36,824	34,822	33,854	35,680	36,659	44,892	66,193	75,656	357.9
Georgia	5,197	4,607	5,070	5,084	4,951	26,853	5,147	4,757	2,165	1,060	472	0	0	1,540	-70.4
Hawaii	598	726	612	632	724	732	499	499	379	590	493	535	535	531	-11.2
Idaho	348	360	350	483	580	634	779	763	714	710	756	830	700	814	133.9
Illinois	143,373	171,361	183,508	184,753	203,532	214,809	244,352	256,872	272,898	288,870	315,657	337,003	359,932	384,477	168.2
Indiana	38,692	41,874	46,756	50,441	55,814	55,814	67,742	68,340	77,834	85,040	89,490	104,737	110,147	114,708	221.4
Iowa	30,050	32,467	35,586	34,654	34,067	34,718	35,642	38,953	41,938	44,900	48,242	51,351	52,632	51,191	70.4
Kansas	5,540	6,462	6,478	6,587	6,894	9,060	9,060	9,526	10,171	10,310	11,669	12,265	12,692	12,974	134.2
Kentucky	12,522	12,605	19,866	16,996	20,520	20,619	25,517	26,215	28,902	27,200	38,441	40,118	45,327	48,322	288.9
Louisiana	1,947	2,786	3,827	4,446	5,125	6,374	6,374	6,580	7,172	8,190	1,388	1,388	1,463	1,452	-25.4
Maine	1,408	1,877	4,802	5,002	5,200	5,170	5,787	6,988	6,636	7,700	7,700	10,360	11,961	12,021	753.8
Maryland	12,841	14,800	15,607	16,253	23,713	23,713	24,571	30,350	36,264	37,190	38,515	39,592	43,665	45,535	254.6
Massachusetts	62,443	50,844	46,000	23,690	45,989	45,989	61,850	54,565	57,413	74,340	92,127	102,056	114,058	110,711	77.3
Michigan	75,467	70,721	68,918	78,116	75,469	79,735	81,340	84,154	85,872	90,480	92,299	91,109	102,164	106,244	40.8
Minnesota	68,293	58,136	74,656	81,322	83,170	102,920	97,920	92,069	92,707	96,400	113,381	113,714	120,426	130,370	90.9
Mississippi	1,251	1,243	1,136	1,131	1,244	1,255	1,248	1,175	540	1,070	859	1,563	1,489	1,489	19.0
Missouri	10,234	10,796	11,078	10,142	11,097	11,124	11,913	12,233	13,681	14,690	20,003	24,100	28,058	27,847	172.1
Montana	420	415	383	414	418	419	460	393	314	474	474	2,204	2,204	2,810	566.0
Nebraska	1,052	1,276	2,192	2,370	2,613	2,686	3,211	3,114	4,090	4,090	4,692	5,645	5,975	7,380	601.5
Nevada	352	352	321	326	341	342	342	2,595	3,180	5,900	4,590	6,083	6,529	6,545	1,759.4
New Hampshire	886	918	770	825	1,253	840	1,425	1,765	669	1,330	1,744	1,497	1,488	3,066	248.0
New Jersey	76,204	84,347	87,054	100,220	118,868	135,251	159,683	132,383	152,458	153,420	160,859	170,015	174,554	187,756	146.4
New Mexico	5,024	5,601	6,479	7,293	8,295	9,266	13,886	14,629	14,289	14,510	16,229	15,745	17,469	15,950	217.5
New York	355,192	392,655	428,358	504,195	554,903	618,849	636,704	625,711	629,940	636,760	619,065	599,435	645,090	684,342	92.7
North Carolina	4,489	3,046	2,519	2,908	3,163	14,436	13,774	16,659	17,435	37,090	41,579	50,572	58,769	71,897	1,501.6
North Dakota	976	1,242	1,177	1,475	2,162	2,036	1,996	1,898	2,202	2,070	2,016	2,076	779	1,402	43.6
Ohio	50,865	53,848	54,600	57,275	66,000	77,940	91,225	86,053	86,770	92,950	93,122	95,482	98,607	112,264	120.7
Oklahoma	9,861	11,591	11,871	12,612	13,286	13,405	13,325	13,642	14,558	16,920	17,387	17,579	19,608	22,091	124.0
Oregon	10,108	10,092	11,809	12,023	12,606	12,903	13,761	16,241	16,241	15,800	16,027	19,711	19,711	19,866	96.5
Pennsylvania	118,986	132,344	142,389	158,092	173,214	188,751	218,604	232,020	240,459	251,550	270,724	280,402	325,234	337,014	183.2
Rhode Island	8,967	9,917	9,522	9,141	9,586	6,500	6,340	5,741	5,699	6,010	6,010	6,098	6,164	6,077	-32.2
South Carolina	17,810	18,150	17,901	16,800	17,105	16,795	17,297	18,622	21,540	21,920	22,853	33,198	39,098	34,971	96.4
South Dakota	506	504	468	587	589	589	589	562	346	0	0	0	0	0	†
Tennessee	11,977	12,977	13,487	12,793	13,723	16,755	18,313	18,811	18,652	20,440	20,648	21,383	29,304	37,320	211.6
Texas	22,266	24,784	24,135	27,385	27,467	29,102	29,102	40,768	42,761	60,670	61,728	93,814	106,382	197,252	788.9
Utah	1,081	1,091	1,001	1,034	1,115	1,132	1,129	1,197	1,129	1,960	1,967	2,656	2,511	4,066	276.4
Vermont	9,264	11,137	10,184	11,019	11,120	11,167	11,788	11,865	11,309	12,330	12,760	13,739	14,327	15,545	67.8
Virginia	8,062	7,966	7,351	6,654	6,408	53,885	59,568	59,568	59,025	59,260	62,972	66,641	70,260	70,289	771.9
Washington	12,858	13,925	21,051	23,527	23,571	46,617	53,369	56,573	58,149	69,430	74,159	90,651	90,651	101,247	687.4
West Virginia	5,204	5,217	5,559	5,781	5,868	5,868	6,761	8,132	10,527	12,140	13,103	16,135	18,217	21,054	304.6
Wisconsin	35,842	38,072	42,365	44,216	46,592	49,511	46,592	46,470	49,008	50,540	53,711	52,020	65,356	62,124	73.3
Wyoming	212	241	212	216	225	250	225	219	160	200	155	155	0	163	-23.1

† Not applicable.
 1 Estimated.
 2 Changes may reflect introduction of new programs or discontinuation of existing programs.
 3 Includes aid for graduate education and data for Puerto Rico. Participation requirements vary from state to state.
 4 Prior year data used for non-reporting states.
 5 Data are estimated based on prior year's report.

NOTE: Detail may not sum to totals due to rounding.
 SOURCE: National Association of State Scholarship and Grant Programs, Annual Survey Report, (1988-89 to 1994-95); and National Association of State Student Grant and Aid Programs, Annual Survey Report (1995-96 to 2001-02). (This table was prepared August 2003.)

Table 333. Current-fund revenue of degree-granting institutions, by source of funds: Selected years, 1919-20 to 1995-96

(In thousands)

Year	2	3	4	5	6	7	8	9	10	11	12
	Current-fund revenue	Student tuition and fees ¹	Federal government ²	State governments ³	Local governments	Endowment earnings	Private gifts and grants ⁴	Sales and services of educational activities	Auxiliary enterprises	Hospitals ⁵	Other current income
Higher education institutions⁶											
1919-20	\$199,922	\$42,255	\$12,783	\$61,690	(7)	\$26,482	\$7,584	—	\$26,993	—	\$22,135
1929-30	554,511	144,126	20,658	150,847	(7)	68,605	26,172	—	60,419	—	83,684
1939-40	715,211	200,897	38,860	151,222	\$24,392	71,304	40,453	\$32,777	143,923	—	11,383
1949-50	2,374,645	394,610	524,319	491,636	61,700	96,341	118,627	111,987	511,265	—	64,160
1959-60	5,785,537	1,157,482	1,036,990	1,374,476	151,715	206,619	382,569	102,525	1,004,283	\$187,769	181,110
1969-70	21,515,242	4,419,845	4,130,066	5,873,626	778,162	516,038	1,129,438	612,777	2,900,390	619,578	535,323
1975-76	39,703,166	8,171,942	6,477,178	12,260,885	1,616,975	687,470	1,917,036	645,420	4,547,622	2,494,340	884,298
1976-77	43,436,827	9,024,932	7,169,031	13,285,684	1,626,908	764,788	2,105,070	779,058	4,919,602	2,859,376	902,377
1977-78	47,034,032	9,855,270	6,968,501	14,746,166	1,744,230	832,286	2,320,368	882,715	5,327,821	3,268,956	1,087,719
1978-79	51,837,789	10,704,171	7,851,326	16,363,784	1,573,018	985,242	2,489,366	1,037,130	5,741,309	3,763,453	1,328,991
1979-80	58,519,982	11,930,340	8,902,844	18,378,299	1,587,552	1,176,627	2,808,075	1,239,439	6,481,458	4,373,384	1,641,965
1980-81	65,584,789	13,773,259	9,747,586	20,106,222	1,790,740	1,364,443	3,176,670	1,409,730	7,287,290	4,980,346	1,948,503
1981-82	72,190,856	15,774,038	9,591,805	21,848,791	1,937,669	1,596,813	3,563,558	1,582,922	8,121,611	5,838,565	2,335,084
1982-83	77,595,726	17,776,041	9,631,097	23,065,636	2,031,353	1,720,677	4,052,649	1,723,484	8,769,521	6,531,562	2,293,706
1983-84	84,417,287	19,714,884	10,406,166	24,706,990	2,192,275	1,873,945	4,415,275	1,970,747	9,456,369	7,040,662	2,639,973
1984-85	92,472,694	21,283,329	11,509,125	27,583,011	2,387,212	2,096,298	4,896,325	2,126,927	10,100,410	7,474,575	3,015,483
1985-86	100,437,616	23,116,605	12,704,750	29,911,500	2,544,506	2,275,898	5,410,905	2,373,494	10,674,136	8,226,635	3,199,186
1986-87	108,809,827	25,705,827	13,904,049	31,309,303	2,799,321	2,377,958	5,952,682	2,641,906	11,364,188	9,277,834	3,476,760
1987-88	117,340,109	27,836,781	14,771,954	33,517,166	3,006,263	2,586,441	6,359,282	2,918,090	11,947,778	10,626,566	3,769,787
1988-89	128,501,638	30,806,566	15,893,978	36,031,208	3,363,676	2,914,396	7,060,730	3,315,620	12,855,580	11,991,265	4,268,618
1989-90	139,635,477	33,926,060	17,254,874	38,349,239	3,639,902	3,143,696	7,781,422	3,632,100	13,938,469	13,216,664	4,753,051
1990-91	149,766,051	37,434,462	18,236,082	39,480,874	3,931,239	3,268,629	8,361,265	4,054,703	14,903,127	15,149,672	4,945,998
1991-92	161,395,896	41,559,037	19,833,317	40,586,907	4,159,876	3,442,009	8,977,271	4,520,890	15,758,599	17,240,338	5,317,651
1992-93	170,880,503	45,346,071	21,014,564	41,247,955	4,444,875	3,627,773	9,659,977	5,037,901	16,662,850	18,124,015	5,714,523
1993-94	179,226,601	48,646,538	22,076,385	41,910,288	4,998,306	3,669,536	10,203,062	5,294,030	17,537,514	18,959,776	5,931,167
1994-95	189,120,570	51,506,876	23,243,172	44,343,012	5,165,961	3,988,217	10,866,749	5,603,251	18,336,094	19,100,217	6,967,023
1995-96	197,414,848	54,725,982	23,879,098	45,621,627	5,589,988	4,570,933	11,942,987	5,552,907	18,861,585	18,672,680	7,997,061
Degree-granting institutions⁸											
1995-96	197,973,236	55,260,293	23,939,075	45,692,673	5,607,909	4,562,171	11,903,126	5,530,763	18,867,540	18,611,570	7,998,116

—Not available.
¹ Tuition and fees received from veterans under Public Law 550 are reported under student fees and are not under income from the federal government.
² Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.
³ Includes federal aid received through state channels and regional compacts, through 1959-60.
⁴ Beginning in 1969-70, the private grants represent nongovernmental revenue for sponsored research, student aid, and other sponsored programs.
⁵ Prior to 1959-60, data for hospitals are included under sales and services of educational activities.
⁶ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.
⁷ Income from state and local governments tabulated under "State governments."
⁸ Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.
 NOTE: Data for years prior to 1969-70 are not entirely comparable with data for later years. Also, some details for 1969-70 are not directly comparable with data for later years. Detail may not sum to totals due to rounding.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the Commissioner of Education, 1919-20, Biennial Survey of Education in the United States, 1929-30 through 1959-60*; Higher Education General Information Survey (HEGIS), *Financial Statistics of Institutions of Higher Education, 1969-70 through 1985-86*; and Integrated Postsecondary Education Data System, "Finance" surveys, 1986-87 through 1995-96. (This table was prepared October 1998.)

**Table 334. Current-fund revenue of public degree-granting institutions, by source of funds:
Selected years, 1980–81 to 2000–01**

Source	1980–81	1985–86	1990–91	1995–96	1996–97	1997–98	1998–99 ¹	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10
In thousands									
Total current-fund revenue	\$43,195,617	\$65,004,632	\$94,904,506	\$123,501,152	\$129,504,834	\$137,570,935	\$144,969,708	\$157,313,664	\$176,645,215
Tuition and fees	5,570,404	9,439,177	15,258,024	23,257,454	24,631,120	26,058,092	27,427,984	29,125,603	31,919,611
Federal government	5,540,101	6,852,370	9,763,427	13,672,467	14,189,358	14,544,027	15,554,372	16,952,116	19,744,966
Appropriations	1,128,101	1,401,367	1,604,548	1,826,738	1,830,604	1,570,329	1,679,660	1,583,132	1,719,963
Unrestricted grants and contracts	529,424	816,364	1,319,035	1,996,861	1,912,736	2,049,105	2,254,726	(²)	(²)
Restricted grants and contracts ³	3,812,197	4,481,723	6,629,484	9,598,340	10,173,113	10,586,439	11,287,950	14,819,488	17,088,332
Independent operations (FFRDC) ⁴	70,379	152,916	210,360	250,529	272,906	338,154	332,037	549,496	936,671
State governments	19,675,968	29,220,586	38,239,978	44,242,546	46,113,543	49,114,782	52,132,474	56,369,564	62,895,892
Appropriations	19,006,716	28,071,070	35,898,653	40,081,437	42,026,368	44,737,656	47,369,188	50,818,832	56,268,990
Unrestricted grants and contracts	45,390	88,779	250,168	924,837	690,665	498,485	497,396	(²)	(²)
Restricted grants and contracts	623,863	1,060,737	2,091,157	3,236,272	3,396,510	3,878,641	4,265,889	5,550,732	6,626,902
Local governments	1,622,938	2,325,844	3,531,714	5,074,511	5,019,600	5,279,349	5,546,546	6,039,978	7,052,431
Appropriations	1,478,001	2,150,459	3,159,789	4,397,098	4,348,960	4,594,289	4,792,860	5,217,976	5,582,287
Unrestricted grants and contracts	9,915	27,852	73,281	184,597	193,262	226,024	275,326	(²)	(²)
Restricted grants and contracts	135,022	147,533	298,644	492,815	477,377	459,036	478,360	822,003	1,470,144
Private gifts, grants, and contracts	1,100,084	2,109,782	3,651,107	5,089,344	5,584,198	6,123,038	6,752,392	7,488,781	8,948,322
Unrestricted	110,462	279,381	529,496	784,979	900,449	993,528	1,127,013	—	—
Restricted	989,622	1,830,401	3,121,611	4,304,365	4,683,749	5,129,511	5,625,378	—	—
Endowment income	214,561	398,603	431,235	721,079	784,695	887,093	958,363	1,170,163	1,351,989
Unrestricted	102,888	181,624	147,368	304,860	299,237	330,570	331,074	—	—
Restricted	111,673	216,979	283,867	416,219	485,458	556,523	627,288	—	—
Sales and services	8,455,449	12,990,670	21,546,202	27,399,796	28,851,838	30,491,654	31,595,145	33,982,146	38,250,128
Educational activities	943,737	1,596,946	2,700,185	3,528,610	3,888,767	4,142,825	4,559,546	4,817,258	4,988,373
Auxiliary enterprises	4,614,561	6,684,794	9,058,745	11,595,408	12,280,517	13,070,055	13,775,599	15,174,301	16,501,834
Hospitals	2,897,151	4,708,930	9,787,271	12,275,778	12,682,554	13,278,773	13,260,000	13,990,587	16,759,921
Other sources	1,016,110	1,667,600	2,482,819	4,043,955	4,330,483	5,072,901	5,002,432	6,185,313	6,481,876
Percentage distribution									
Total current-fund revenue	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tuition and fees	12.9	14.5	16.1	18.8	19.0	18.9	18.9	18.5	18.1
Federal government	12.8	10.5	10.3	11.1	11.0	10.6	10.7	10.8	11.2
Appropriations	2.6	2.2	1.7	1.5	1.4	1.1	1.2	1.0	1.0
Unrestricted grants and contracts	1.2	1.3	1.4	1.6	1.5	1.5	1.6	(²)	(²)
Restricted grants and contracts ³	8.8	6.9	7.0	7.8	7.9	7.7	7.8	9.4	9.7
Independent operations (FFRDC) ⁴	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.5
State governments	45.6	45.0	40.3	35.8	35.6	35.7	36.0	35.8	35.6
Appropriations	44.0	43.2	37.8	32.5	32.5	32.5	32.7	32.3	31.9
Unrestricted grants and contracts	0.1	0.1	0.3	0.7	0.5	0.4	0.3	(²)	(²)
Restricted grants and contracts	1.4	1.6	2.2	2.6	2.6	2.8	2.9	3.5	3.8
Local governments	3.8	3.6	3.7	4.1	3.9	3.8	3.8	3.8	4.0
Appropriations	3.4	3.3	3.3	3.6	3.4	3.3	3.3	3.3	3.2
Unrestricted grants and contracts	#	#	0.1	0.1	0.1	0.2	0.2	(²)	(²)
Restricted grants and contracts	0.3	0.2	0.3	0.4	0.4	0.3	0.3	0.5	0.8
Private gifts, grants, and contracts	2.5	3.2	3.8	4.1	4.3	4.5	4.7	4.8	5.1
Unrestricted	0.3	0.4	0.6	0.6	0.7	0.7	0.8	—	—
Restricted	2.3	2.8	3.3	3.5	3.6	3.7	3.9	—	—
Endowment income	0.5	0.6	0.5	0.6	0.6	0.6	0.7	0.7	0.8
Unrestricted	0.2	0.3	0.2	0.2	0.2	0.2	0.2	—	—
Restricted	0.3	0.3	0.3	0.3	0.4	0.4	0.4	—	—
Sales and services	19.6	20.0	22.7	22.2	22.3	22.2	21.8	21.6	21.7
Educational activities	2.2	2.5	2.8	2.9	3.0	3.0	3.1	3.1	2.8
Auxiliary enterprises	10.7	10.3	9.5	9.4	9.5	9.5	9.5	9.6	9.3
Hospitals	6.7	7.2	10.3	9.9	9.8	9.7	9.1	8.9	9.5
Other sources	2.4	2.6	2.6	3.3	3.3	3.7	3.5	3.9	3.7

— Not available.

Rounds to zero.

¹ Imputed using alternative procedures.

² Included under restricted grants and contracts.

³ Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.

⁴ Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).

NOTE: Data for 1980–81 to 1990–91 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recog-

nized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), 1980–81 and 1985–86 surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1990–91 through 1999–2000, and Spring 2002. (This table was prepared October 2003.)

Table 335. Current-fund revenue of public degree-granting institutions, by source of funds and type of institution: 2000-01

Type of institution	Current-fund revenue	Student tuition and fees ¹	Federal government ²	State governments	Local governments	Private gifts, grants, and contracts	Endowment earnings	Educational activities	Auxiliary enterprises	Hospitals	Other current income
1	2	3	4	5	6	7	8	9	10	11	12
In thousands											
Total	\$176,645,215	\$31,919,611	\$19,744,966	\$62,895,892	\$7,052,431	\$8,948,322	\$1,351,989	\$4,988,373	\$16,501,834	\$16,759,921	\$6,481,876
4-year	145,182,096	25,784,677	18,004,239	48,910,351	915,705	8,571,836	1,324,192	4,759,931	14,804,051	16,759,921	5,347,193
Doctoral, extensive ³	85,191,303	14,271,919	11,596,036	26,940,592	250,876	5,693,330	1,048,447	3,117,195	9,226,263	9,800,692	3,245,955
Doctoral, intensive ⁴	14,300,189	3,083,343	1,542,115	5,126,316	107,236	847,009	100,545	436,764	1,561,201	1,030,615	465,045
Master's ⁵	25,496,345	6,776,969	1,472,190	11,878,703	232,826	747,871	55,623	407,700	3,208,399	0	716,065
Baccalaureate ⁶	3,197,432	1,014,428	175,190	1,321,344	52,231	82,779	13,343	47,883	406,912	0	83,322
Specialized institutions ⁷	16,996,826	638,018	3,218,708	3,643,396	272,537	1,200,848	106,234	750,389	401,276	5,928,613	836,806
Art, music, or design	90,538	23,367	2,054	49,629	0	6,186	30	143	6,728	0	2,403
Engineering or technology ..	331,517	84,587	36,897	124,147	355	32,052	588	6,041	37,873	0	8,976
Medical or other health	14,665,386	350,194	2,070,506	3,157,232	269,213	1,133,981	102,465	741,046	209,148	5,822,905	808,695
Tribal ⁸	55,412	8,258	38,399	78	676	8,153	227	454	1,704	0	-2,539
Other specialized	1,853,973	171,611	1,070,853	312,310	2,291	20,476	2,924	2,704	145,823	105,709	19,271
2-year	31,463,120	6,134,934	1,740,726	13,985,541	6,136,726	376,486	27,797	228,442	1,697,784	0	1,134,683
Associate of arts	31,370,649	6,126,712	1,686,541	13,976,605	6,132,575	371,652	27,195	228,331	1,694,441	0	1,126,597
Tribal ⁸	92,470	8,222	54,185	8,936	4,151	4,834	602	110	3,343	0	8,087
Percentage distribution											
Total	100.0	18.1	11.2	35.6	4.0	5.1	0.8	2.8	9.3	9.5	3.7
4-year	100.0	17.8	12.4	33.7	0.6	5.9	0.9	3.3	10.2	11.5	3.7
Doctoral, extensive ³	100.0	16.8	13.6	31.6	0.3	6.7	1.2	3.7	10.8	11.5	3.8
Doctoral, intensive ⁴	100.0	21.6	10.8	35.8	0.7	5.9	0.7	3.1	10.9	7.2	3.3
Master's ⁵	100.0	26.6	5.8	46.6	0.9	2.9	0.2	1.6	12.6	0.0	2.8
Baccalaureate ⁶	100.0	31.7	5.5	41.3	1.6	2.6	0.4	1.5	12.7	0.0	2.6
Specialized institutions ⁷	100.0	3.8	18.9	21.4	1.6	7.1	0.6	4.4	2.4	34.9	4.9
Art, music, or design	100.0	25.8	2.3	54.8	0.0	6.8	0.0	0.2	7.4	0.0	2.7
Engineering or technology ..	100.0	25.5	11.1	37.4	0.1	9.7	0.2	1.8	11.4	0.0	2.7
Medical or other health	100.0	2.4	14.1	21.5	1.8	7.7	0.7	5.1	1.4	39.7	5.5
Tribal ⁸	100.0	14.9	69.3	0.1	1.2	14.7	0.4	0.8	3.1	0.0	-4.6
Other specialized	100.0	9.3	57.8	16.8	0.1	1.1	0.2	#	7.9	5.7	1.0
2-year	100.0	19.5	5.5	44.5	19.5	1.2	0.1	0.7	5.4	0.0	3.6
Associate of arts	100.0	19.5	5.4	44.6	19.5	1.2	0.1	0.7	5.4	0.0	3.6
Tribal ⁸	100.0	8.9	58.6	9.7	4.5	5.2	0.7	0.1	3.6	0.0	8.7
Revenue per full-time-equivalent student											
Total	\$21,368	\$3,861	\$2,388	\$7,608	\$853	\$1,082	\$164	\$603	\$1,996	\$2,027	\$784
4-year	28,889	5,131	3,583	9,732	182	1,706	263	947	2,946	3,335	1,064
Doctoral, extensive ³	39,085	6,548	5,320	12,360	115	2,612	481	1,430	4,233	4,496	1,489
Doctoral, intensive ⁴	21,872	4,716	2,359	7,840	164	1,295	154	668	2,388	1,576	711
Master's ⁵	14,366	3,818	830	6,693	131	421	31	230	1,808	0	403
Baccalaureate ⁶	12,656	4,015	693	5,230	207	328	53	190	1,611	0	330
Specialized institutions ⁷	103,214	3,874	19,546	22,125	1,655	7,292	645	4,557	2,437	36,002	5,082
Art, music, or design	27,612	7,126	626	15,135	0	1,886	9	44	2,052	0	733
Engineering or technology ..	24,107	6,151	2,683	9,028	26	2,331	43	439	2,754	0	653
Medical or other health	333,032	7,952	47,018	71,697	6,113	25,751	2,327	16,828	4,749	132,231	18,364
Tribal ⁸	22,254	3,316	15,421	31	272	3,274	91	182	684	0	-1,020
Other specialized	18,335	1,697	10,590	3,089	23	202	29	27	1,442	1,045	191
2-year	9,707	1,893	537	4,315	1,893	116	9	70	524	0	350
Associate of arts	9,691	1,893	521	4,318	1,895	115	8	71	523	0	348
Tribal ⁸	21,455	1,908	12,572	2,073	963	1,122	140	26	776	0	1,876

Rounds to zero.

¹ Includes federally supported aid received through students.

² Includes appropriations, grants, contracts, and revenues associated with major federally funded research and development centers (FFRDC). Excludes Pell Grants.

³ Doctoral, extensive institutions are committed to graduate education through the doctorate, and award 50 or more doctoral degrees per year across at least 15 disciplines.

⁴ Doctoral, intensive institutions are committed to education through the doctorate and award at least 10 doctoral degrees per year across 3 or more disciplines or at least 20 doctoral degrees overall.

⁵ Master's institutions offer a full range of baccalaureate programs and are committed to education through the master's degree. They award at least 20 master's degrees per year.

⁶ Baccalaureate institutions primarily emphasize undergraduate education.

⁷ Specialized 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology and engineering. Other specialized includes some institutions which have 4-year programs, but have not reported sufficient data to identify program category. Other specialized also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie classification system.

⁸ Tribally controlled colleges are located on reservations and are members of the American Indian Higher Education Consortium.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002 surveys. (This table was prepared October 2003.)

Table 336. Current-fund revenue of public degree-granting institutions, by state or jurisdiction: Selected years, 1980–81 to 2000–01

[In thousands]

State or jurisdiction	Institutions of higher education ¹				Degree-granting institutions ²						Percent change, 1995–96 to 2000–01
	1980–81	1985–86	1990–91	1994–95	1995–96	1996–97	1997–98	1998–99 ³	1999–2000	2000–01	
1	2	3	4	5	6	7	8	9	10	11	12
United States	\$43,195,617	\$65,004,632	\$94,904,506	\$119,312,493	\$123,501,152	\$129,504,834	\$137,570,935	\$144,969,708	\$157,313,664	\$176,645,215	43.0
Alabama	889,121	1,401,693	2,131,005	2,805,154	2,852,401	3,016,557	3,171,808	3,345,299	3,525,748	3,709,414	30.0
Alaska	159,446	221,837	291,826	344,877	357,215	341,872	353,498	364,828	397,313	435,386	21.9
Arizona	719,835	1,049,493	1,596,710	1,931,523	2,046,890	2,138,136	2,304,587	2,448,838	2,603,994	2,778,908	35.8
Arkansas	350,597	539,185	818,079	1,113,954	1,239,571	1,298,627	1,363,966	1,456,673	1,563,411	1,715,807	38.4
California	5,906,729	8,739,396	12,281,700	14,558,144	14,726,206	15,964,985	16,986,493	18,563,723	21,234,035	24,474,062	66.2
Colorado	747,040	1,085,076	1,483,901	1,914,233	2,027,721	2,132,570	2,333,344	2,409,822	2,566,648	2,776,763	36.9
Connecticut	378,527	578,866	889,831	1,148,389	1,177,959	1,254,377	1,355,466	1,453,963	1,567,975	1,632,739	38.6
Delaware	168,522	251,677	388,635	496,696	505,678	527,578	566,482	604,795	661,232	660,198	30.6
District of Columbia	66,138	84,144	95,729	103,770	105,037	110,176	74,984	87,953	73,866	92,583	-11.9
Florida	1,202,788	1,810,090	2,944,935	3,584,089	3,777,158	4,060,831	4,342,619	4,764,635	5,069,286	5,570,712	47.5
Georgia	765,826	1,267,472	1,953,866	2,760,323	2,878,818	3,119,310	3,388,888	3,612,088	4,044,009	4,167,294	44.8
Hawaii	219,633	316,246	497,495	651,282	560,760	560,437	610,379	660,029	650,138	813,419	45.1
Idaho	169,274	235,507	359,710	492,918	545,766	536,224	564,542	599,207	639,263	699,339	28.1
Illinois	1,809,981	2,560,241	3,566,406	4,360,136	4,542,868	4,758,980	5,034,460	5,293,551	5,577,595	5,969,132	31.4
Indiana	1,094,560	1,701,421	2,494,029	3,080,345	2,857,055	3,043,171	3,398,818	3,540,110	3,779,471	4,055,801	42.0
Iowa	784,950	1,109,681	1,775,267	2,106,504	2,231,113	2,299,508	2,410,386	2,551,963	2,686,809	2,897,369	29.9
Kansas	594,104	864,119	1,219,129	1,553,593	1,618,071	1,665,163	1,768,558	1,696,117	1,767,439	1,853,866	14.6
Kentucky	671,414	943,068	1,450,958	1,778,568	1,881,064	2,099,372	2,183,975	2,399,560	2,600,972	2,756,724	46.6
Louisiana	735,374	1,055,941	1,447,772	1,968,669	1,998,340	2,085,648	2,965,259	3,185,911	3,234,279	3,266,570	63.5
Maine	157,370	222,624	373,770	400,426	413,730	438,283	451,122	476,334	525,720	559,145	35.1
Maryland	818,850	1,144,230	1,777,841	2,074,521	2,227,596	2,387,359	2,605,240	2,684,844	3,027,414	3,259,523	46.3
Massachusetts	582,873	1,075,348	1,457,142	1,586,319	1,691,648	1,785,039	2,026,780	2,079,959	2,238,572	2,404,860	42.2
Michigan	2,094,394	3,071,172	4,648,488	5,798,882	6,047,686	6,372,192	6,895,923	7,104,491	7,849,161	8,256,504	36.5
Minnesota	894,236	1,373,436	2,080,637	2,671,566	2,786,053	2,689,471	2,668,061	2,803,447	2,938,833	3,124,953	12.2
Mississippi	543,209	734,813	1,005,448	1,443,162	1,500,350	1,563,096	1,692,634	1,867,612	2,065,635	2,210,394	47.3
Missouri	717,626	1,032,685	1,517,071	1,978,783	2,100,852	2,269,910	2,394,854	2,559,443	2,757,064	2,974,722	41.6
Montana	123,933	181,462	258,189	385,984	414,843	434,255	467,857	484,616	516,443	568,998	37.2
Nebraska	390,372	554,814	870,289	1,124,836	1,216,869	1,259,999	1,110,462	1,186,659	1,254,988	1,290,550	6.1
Nevada	113,298	184,883	336,841	484,276	492,276	540,908	612,737	635,668	688,812	759,787	54.3
New Hampshire	131,990	190,462	304,315	391,619	412,456	425,245	445,418	463,629	505,905	534,852	29.7
New Jersey	917,143	1,446,098	2,413,530	3,106,652	3,189,439	3,281,123	3,447,431	3,606,702	4,006,134	4,334,592	35.9
New Mexico	334,392	473,716	944,248	1,316,934	1,369,513	1,417,094	1,481,490	1,527,615	1,707,437	1,784,784	30.3
New York	2,519,437	3,830,119	5,424,379	6,887,321	6,861,111	6,944,550	7,220,672	7,205,170	7,860,352	13,504,184	96.8
North Carolina	1,146,931	1,857,124	2,650,124	3,521,601	3,640,049	3,916,240	4,163,282	4,503,149	4,783,002	5,195,781	42.7
North Dakota	196,267	377,960	445,126	467,926	445,128	457,285	490,018	505,149	505,360	557,321	25.2
Ohio	1,828,079	2,824,411	4,184,621	4,976,134	4,982,846	5,170,418	5,487,008	5,720,889	6,150,522	6,620,183	32.9
Oklahoma	588,936	873,446	1,072,967	1,300,779	1,382,711	1,489,552	1,621,460	1,743,732	1,939,681	2,126,967	53.8
Oregon	647,391	899,709	1,358,244	1,816,031	1,891,391	2,006,002	2,159,818	2,361,300	2,599,437	2,833,217	49.8
Pennsylvania	1,575,104	2,473,794	3,692,745	4,684,460	5,017,535	5,167,772	5,116,866	5,440,857	5,895,701	6,757,041	34.7
Rhode Island	156,451	213,859	292,404	344,171	354,437	368,303	380,742	410,233	426,782	449,867	26.9
South Carolina	630,966	957,771	1,502,709	1,997,203	1,960,481	2,094,901	2,207,839	2,324,803	2,516,539	2,259,668	15.3
South Dakota	127,839	147,699	198,583	260,853	297,342	303,511	321,192	340,228	362,193	387,236	30.2
Tennessee	675,770	1,104,118	1,634,491	2,053,495	2,111,127	2,183,090	2,257,541	2,394,995	2,368,878	2,549,485	20.8
Texas	2,858,725	4,558,275	6,015,609	8,123,435	8,779,578	9,122,544	9,840,778	10,225,259	11,336,629	13,331,866	51.9
Utah	431,294	686,817	1,020,836	1,402,962	1,489,664	1,588,631	1,675,722	1,828,109	1,918,070	2,087,996	40.2
Vermont	127,337	191,559	281,526	329,679	341,988	357,150	374,038	390,803	407,181	436,519	27.6
Virginia	1,159,453	1,876,151	2,902,939	3,483,691	3,609,275	3,873,770	3,674,648	3,913,301	4,145,226	4,500,773	24.7
Washington	998,146	1,445,849	2,188,366	2,877,386	3,040,757	3,205,924	3,750,043	3,599,506	4,245,093	4,245,093	39.6
West Virginia	318,915	385,170	563,796	693,159	734,283	761,020	768,024	832,941	864,530	938,163	27.8
Wisconsin	1,228,414	1,761,927	2,487,501	3,033,547	3,108,030	2,900,632	3,170,088	3,319,658	3,601,098	3,879,996	24.8
Wyoming	140,520	208,595	251,760	293,209	298,526	303,013	315,923	328,541	337,773	370,340	24.1
U.S. Service Schools ..	586,095	920,790	1,128,158	1,248,328	1,361,895	1,406,501	1,096,712	1,061,006	1,080,319	1,223,770	-10.1
Outlying areas	242,380	451,734	557,655	750,676	831,925	980,682	592,674	1,032,987	1,060,191	1,163,881	39.9
American Samoa	1,305	2,413	3,939	4,817	13,880	5,723	5,475	4,822	5,572	6,156	-55.6
Federated States of Micronesia	—	—	2,063	6,517	8,496	8,467	7,980	7,798	8,480	11,575	36.3
Guam	14,291	31,139	61,667	71,873	65,710	66,521	73,305	63,448	69,477	71,696	9.1
Marshall Islands	—	—	—	1,633	1,685	2,080	2,380	2,712	2,940	2,904	72.4
Northern Marianas	—	1,350	1,458	12,174	15,792	15,902	16,651	14,549	14,317	16,344	3.5
Palau	—	—	4,100	4,083	3,900	3,660	4,289	4,604	4,918	5,283	35.4
Puerto Rico	213,012	392,194	428,768	615,912	686,792	841,912	448,826	893,734	913,465	1,000,293	45.6
Trust Territory of the Pacific	1,669	5,681	—	—	—	—	—	—	—	—	—
Virgin Islands	12,103	18,957	55,659	33,668	35,669	36,417	33,768	41,319	41,023	49,629	39.1

—Not available.

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.² Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.³ Data were imputed using alternative procedures. (See Guide to Sources for details.)

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" 1980–81 and 1985–86 surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1990–91 through 1999–2000, and Spring 2002 survey. (This table was prepared October 2003.)

Table 337. Current-fund revenue of public degree-granting institutions, by source of funds and state or jurisdiction: 2000-01

[In thousands]

State or jurisdiction	Total	Tuition and fees	Federal appropriations, grants, and contracts ¹	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private gifts, grants, and contracts	Endowment income	Auxiliary enterprises	Hospitals	Educational activities and other
1	2	3	4	5	6	7	8	9	10	11
United States	\$176,645,215	\$31,919,611	\$19,744,966	\$62,895,892	\$7,052,431	\$8,948,322	\$1,351,989	\$16,501,834	\$16,759,921	\$11,470,249
Alabama	3,709,414	615,772	474,922	1,039,614	9,969	143,780	29,975	259,469	915,153	220,760
Alaska	435,386	50,478	77,995	196,925	13,397	37,663	6,059	31,634	0	21,234
Arizona	2,778,908	594,749	376,985	947,103	328,256	151,509	10,058	220,158	0	150,089
Arkansas	1,715,807	258,624	127,560	654,082	10,241	57,583	6,465	134,245	379,312	87,695
California	24,474,062	2,568,114	2,436,722	9,123,454	2,505,533	1,087,458	141,935	1,577,907	2,916,111	2,116,829
Colorado	2,776,763	698,184	584,386	736,068	41,945	166,284	13,596	313,189	11,286	211,825
Connecticut	1,632,739	314,682	105,028	704,458	98	41,149	2,173	119,002	279,041	67,107
Delaware	660,198	190,415	75,231	208,776	13,026	54,274	26,821	71,481	0	20,175
District of Columbia	92,583	21,529	8,394	3,019	54,779	1,015	1,534	2,312	0	0
Florida	5,570,712	1,018,764	564,341	2,917,095	5,447	287,307	0	510,964	0	266,793
Georgia	4,167,294	679,283	351,972	2,290,044	30,950	290,848	5,089	318,531	48,765	151,812
Hawaii	813,419	114,541	191,836	405,084	1,145	19,094	2,686	64,283	0	14,750
Idaho	699,339	148,497	63,362	316,256	11,345	32,961	14,083	66,900	0	45,935
Illinois	5,969,132	1,070,888	585,507	2,117,163	532,024	208,395	8,308	586,576	310,000	550,271
Indiana	4,055,801	975,645	296,770	1,365,142	6,348	246,125	17,219	828,506	0	320,046
Iowa	2,897,369	432,373	350,062	850,348	40,544	105,725	6,698	316,281	554,199	241,140
Kansas	1,853,866	345,860	193,434	711,171	162,498	63,170	60,364	169,777	0	147,592
Kentucky	2,756,724	439,564	204,748	1,097,541	17,025	204,606	22,804	173,321	329,774	267,340
Louisiana	3,266,570	474,935	204,653	1,002,374	5,941	126,018	7,826	251,167	939,151	254,507
Maine	559,145	128,995	45,747	244,711	0	27,387	5,363	64,832	0	42,110
Maryland	3,259,523	787,277	382,964	1,146,164	187,483	158,398	18,517	370,200	32,135	176,386
Massachusetts	2,404,860	531,971	240,339	1,151,171	4,718	84,545	2,146	201,231	6,871	181,867
Michigan	8,256,504	1,798,474	792,128	2,095,025	303,122	487,577	100,463	1,327,365	854,926	497,425
Minnesota	3,124,953	661,812	357,208	1,311,487	5,163	269,037	17,011	331,911	0	171,324
Mississippi	2,210,394	303,959	276,538	837,941	41,231	73,898	4,531	185,518	378,792	107,985
Missouri	2,974,722	634,897	182,651	1,052,813	104,073	130,355	26,072	266,972	353,323	223,566
Montana	568,998	131,098	123,219	155,255	5,142	31,819	622	73,026	0	48,817
Nebraska	1,290,550	204,030	112,658	529,496	23,370	113,205	4,400	158,496	78,846	66,050
Nevada	759,787	137,795	75,985	365,515	13,446	33,523	4,448	74,379	0	54,696
New Hampshire	534,852	205,270	64,617	105,940	2,422	25,966	9,574	100,036	0	21,028
New Jersey	4,334,592	968,419	271,028	1,471,127	185,501	182,305	19,857	344,390	617,235	274,730
New Mexico	1,784,784	152,928	328,818	609,629	69,044	87,113	16,766	97,030	280,300	143,156
New York	13,504,184	2,615,433	1,251,970	5,099,465	541,868	563,630	51,344	1,042,897	2,017,475	320,103
North Carolina	5,195,781	647,400	577,891	2,429,726	123,442	318,137	21,960	881,698	0	195,527
North Dakota	557,321	114,732	88,768	193,249	868	29,939	4,761	67,054	0	57,950
Ohio	6,620,183	1,753,661	467,056	2,089,459	114,193	352,731	65,096	657,798	781,674	338,516
Oklahoma	2,126,967	291,533	493,321	864,887	28,779	88,685	15,162	268,935	0	75,664
Oregon	2,833,217	442,098	370,106	706,854	118,533	244,065	4,762	268,301	512,383	166,115
Pennsylvania	6,757,041	1,871,270	707,611	1,516,341	101,878	288,786	113,531	530,816	1,283,875	342,934
Rhode Island	449,867	134,506	55,667	167,616	0	9,484	0	59,987	0	22,607
South Carolina	2,259,668	497,645	260,339	944,679	40,653	108,518	3,588	260,718	0	143,527
South Dakota	387,236	99,752	61,207	138,422	1,048	20,788	198	36,258	0	29,562
Tennessee	2,549,485	528,240	321,448	1,053,497	16,967	157,919	29,280	199,985	58,383	183,765
Texas	13,331,866	2,063,477	1,491,364	4,570,690	743,079	742,680	297,697	743,169	1,360,750	1,318,960
Utah	2,087,996	270,074	253,607	562,324	3,476	129,683	19,071	148,343	369,493	331,925
Vermont	436,519	179,640	56,652	63,019	0	38,919	8,110	45,785	0	44,394
Virginia	4,500,773	887,737	433,022	1,513,189	16,978	262,703	57,782	653,640	568,192	107,530
Washington	4,245,093	755,608	649,322	1,416,751	45,284	219,441	25,027	489,146	416,769	227,745
West Virginia	938,163	226,998	94,625	428,611	1,895	29,789	105	112,680	0	43,460
Wisconsin	3,879,996	823,640	490,484	1,217,320	394,976	285,543	17,715	316,137	0	334,182
Wyoming	370,340	55,630	46,858	157,804	23,291	20,879	2,839	42,295	0	20,743
Service Schools	1,223,770	714	1,045,838	0	0	5,910	500	65,100	105,709	0
Outlying areas	1,163,881	100,053	193,824	753,061	24,667	15,771	7,407	13,227	36,855	19,015
American Samoa	6,156	327	2,282	0	3,224	0	293	31	0	0
Federated States of Micronesia	11,575	3,325	3,178	319	3,704	163	0	791	0	95
Guam	71,696	12,420	9,348	30,317	13,251	1,448	0	2,418	0	2,494
Marshall Islands	2,904	50	780	204	0	0	186	38	0	1,646
Northern Marianas	16,344	2,788	4,344	9,055	0	0	157	0	0	0
Palau	5,283	1,062	1,004	2,345	0	192	96	584	0	0
Puerto Rico	1,000,293	73,501	157,910	688,985	4,489	11,578	6,425	6,358	36,855	14,191
Virgin Islands	49,629	6,581	14,978	21,835	0	2,390	250	3,007	0	588

¹Includes independent operations (federally funded research and development centers).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 survey. (This table was prepared October 2003.)

NOTE: Detail may not sum to totals due to rounding.

Table 338. Current-fund revenue of public degree-granting institutions, by source of funds and state or jurisdiction: 1999–2000

[In thousands]

State or jurisdiction	Total	Tuition and fees	Federal appropriations, grants, and contracts ¹	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private gifts, grants, and contracts	Endowment income	Auxiliary enterprises	Hospitals	Educational activities and other
1	2	3	4	5	6	7	8	9	10	11
United States	\$157,313,664	\$29,125,603	\$16,952,116	\$56,369,564	\$6,039,978	\$7,488,781	\$1,170,163	\$15,174,301	\$13,990,587	\$11,002,571
Alabama	3,525,748	580,889	426,717	1,044,434	9,800	114,811	31,766	247,869	886,164	183,298
Alaska	397,313	48,713	67,227	184,359	13,676	28,533	4,558	30,160	0	20,087
Arizona	2,603,994	559,965	340,114	913,198	305,828	138,429	7,666	214,069	0	124,725
Arkansas	1,563,411	231,783	116,837	647,504	9,323	56,866	4,951	122,260	300,087	73,801
California	21,234,035	2,415,485	2,185,650	7,704,082	1,821,342	970,213	129,564	1,484,348	2,242,697	2,280,653
Colorado	2,566,648	660,338	538,205	697,333	32,634	128,394	18,248	296,112	11,185	184,199
Connecticut	1,567,975	294,881	92,177	709,226	181	39,363	1,272	110,262	260,873	59,739
Delaware	661,232	222,544	63,199	190,596	11,902	28,021	33,831	72,066	0	39,072
District of Columbia	73,866	11,565	7,790	0	49,251	1,550	551	1,374	0	1,784
Florida	5,069,280	908,312	506,213	2,685,235	4,442	258,327	0	451,426	0	255,325
Georgia	4,044,009	618,902	332,614	2,075,454	27,875	216,787	4,514	308,668	292,060	167,135
Hawaii	650,138	111,085	142,007	290,297	1,164	21,761	2,450	67,962	0	13,412
Idaho	639,263	136,378	50,697	299,085	10,793	28,366	12,721	62,418	0	38,804
Illinois	5,577,575	1,010,793	518,098	1,996,534	508,428	188,530	6,775	559,347	292,200	496,891
Indiana	3,779,491	915,337	271,293	1,314,467	6,500	179,338	13,885	793,546	0	285,106
Iowa	2,686,809	403,878	325,488	820,707	38,444	100,838	8,142	282,687	495,278	211,347
Kansas	1,767,439	323,774	171,134	689,272	154,209	69,851	53,462	163,409	0	142,329
Kentucky	2,600,972	421,332	192,213	996,073	9,632	133,381	21,419	190,586	325,377	310,960
Louisiana	3,234,279	428,139	158,343	997,961	5,375	120,549	9,180	255,660	983,963	275,109
Maine	525,720	123,899	43,845	227,803	28	25,554	5,055	60,287	0	39,248
Maryland	3,027,414	731,378	363,043	1,031,636	177,057	217,960	11,964	339,875	0	154,499
Massachusetts	2,238,572	518,152	214,299	1,007,194	8,374	72,571	3,830	219,657	6,959	187,537
Michigan	7,849,161	1,693,378	724,550	1,965,006	291,264	446,958	57,532	1,291,148	824,757	554,567
Minnesota	2,938,833	610,692	358,609	1,235,994	5,258	235,989	15,997	314,189	0	162,105
Mississippi	2,065,635	278,277	233,114	873,656	40,973	61,453	3,856	181,560	301,142	91,603
Missouri	2,757,064	590,169	169,152	985,717	94,241	113,602	22,816	252,633	325,158	203,575
Montana	516,443	124,122	89,128	139,991	6,163	38,832	487	71,391	0	46,328
Nebraska	1,254,988	190,347	154,412	499,624	30,280	96,094	3,631	149,902	71,877	58,822
Nevada	688,812	123,327	65,479	335,985	11,301	33,414	4,617	68,170	0	46,519
New Hampshire	505,905	193,481	55,905	101,322	2,871	25,416	7,298	97,765	0	21,846
New Jersey	4,006,134	901,983	258,709	1,371,402	175,900	152,895	21,124	322,040	555,256	246,825
New Mexico	1,707,437	147,064	275,521	591,772	61,451	78,834	15,425	94,675	274,376	168,319
New York	7,860,352	1,724,619	584,117	2,985,961	475,379	324,305	21,740	503,391	1,030,892	209,950
North Carolina	4,783,002	601,395	524,985	2,266,383	115,516	254,470	34,341	837,438	0	148,473
North Dakota	505,360	107,301	80,047	173,126	1,107	27,127	4,738	63,625	0	48,289
Ohio	6,150,522	1,664,197	395,603	1,981,643	114,270	284,307	78,253	620,545	715,486	296,218
Oklahoma	1,939,681	289,889	398,576	789,257	22,258	92,013	13,488	263,044	0	71,155
Oregon	2,599,437	395,611	400,733	659,313	114,227	167,176	4,487	235,898	445,631	176,361
Pennsylvania	5,895,701	1,731,453	630,878	1,411,638	103,646	244,195	57,419	504,288	869,501	342,681
Rhode Island	426,782	126,267	53,262	160,246	0	10,006	0	57,654	0	19,346
South Carolina	2,516,539	467,169	228,947	878,057	36,928	99,068	3,151	248,154	473,290	81,774
South Dakota	362,193	88,342	51,176	137,027	1,216	16,726	958	35,658	0	31,091
Tennessee	2,368,878	489,684	310,069	984,526	19,763	131,038	21,656	195,594	74,400	142,148
Texas	11,336,629	1,884,072	1,050,266	4,397,024	666,097	478,429	278,227	665,254	629,024	1,288,235
Utah	1,918,070	243,412	222,080	529,256	2,841	141,212	15,852	134,289	334,073	295,055
Vermont	407,181	174,473	49,418	57,879	0	36,320	6,604	43,298	0	39,189
Virginia	4,145,226	860,417	370,100	1,394,763	15,787	230,134	50,316	615,614	522,847	85,248
Washington	3,888,798	703,131	597,161	1,284,942	39,386	210,733	21,729	457,738	355,271	218,706
West Virginia	864,530	217,815	81,914	403,120	2,150	28,111	0	101,618	0	29,803
Wisconsin	3,601,098	771,819	444,301	1,105,166	363,540	270,825	15,536	311,872	0	318,040
Wyoming	337,773	53,028	43,273	147,293	19,903	13,615	3,083	42,338	0	15,241
U.S. Service Schools ..	1,080,319	1,150	923,429	24	0	5,488	0	59,468	90,761	0
Outlying areas	1,060,191	97,970	166,441	688,452	22,296	14,733	7,894	14,573	32,650	15,183
American Samoa	5,572	1,018	1,403	0	2,800	0	255	96	0	0
Federated States of Micronesia	8,480	1,945	2,526	156	3,047	132	0	674	0	0
Guam	69,477	12,140	8,507	30,721	10,899	1,883	194	2,400	0	2,734
Marshall Islands	2,940	121	667	471	0	0	162	90	0	1,430
Northern Marianas	14,317	2,450	3,773	7,958	0	0	136	0	0	0
Palau	4,918	1,013	742	2,345	0	0	312	505	0	0
Puerto Rico	913,465	72,887	141,982	625,780	5,550	10,131	6,478	7,222	32,650	10,787
Virgin Islands	41,023	6,396	6,843	21,022	0	2,588	358	3,585	0	232

¹Includes independent operations (federally funded research and development centers).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance" survey. (This table was prepared August 2002.)

NOTE: Detail may not sum to totals due to rounding.

Table 339. Appropriations from state and local governments for public degree-granting institutions by state or jurisdiction: Selected years, 1990–91 to 2000–01

[In thousands]

State or jurisdiction	State appropriations						Local appropriations					
	1990–91 ¹	1995–96	1997–98	1998–99 ²	1999–2000	2000–01	1990–91 ¹	1995–96	1997–98	1998–99 ²	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	\$35,898,653	\$40,081,437	\$44,737,656	\$47,369,188	\$50,818,832	\$56,268,990	\$3,159,789	\$4,397,098	\$4,594,289	\$4,792,860	\$5,217,976	\$5,582,287
Alabama	708,191	879,680	899,050	937,644	999,252	991,302	6,796	4,736	4,024	4,190	4,632	4,829
Alaska	168,395	171,580	167,541	169,604	178,353	190,650	260	693	690	706	10,581	10,340
Arizona	591,656	691,335	779,379	829,499	869,878	903,196	149,337	217,426	250,306	267,270	288,758	310,762
Arkansas	315,372	437,257	484,080	533,744	581,735	583,794	216	2,524	3,963	6,055	7,214	9,496
California	5,313,052	4,811,297	5,548,258	6,242,598	6,753,849	7,891,669	771,160	1,353,630	1,375,408	1,421,936	1,631,164	1,764,717
Colorado	423,710	497,663	556,385	572,734	621,766	655,037	22,400	28,786	29,365	30,694	26,794	36,840
Connecticut	363,427	462,183	512,539	566,044	672,824	664,356	0	0	0	0	0	0
Delaware	115,729	107,968	131,526	139,855	173,819	193,695	0	12,379	0	0	0	0
District of Columbia	0	0	0	0	0	0	3,019	73,495	68,257	42,171	51,922	43,259
Florida	1,638,218	1,898,618	2,192,476	2,373,018	2,497,632	2,656,376	1,850	116	66	78	0	2
Georgia	915,303	1,254,216	1,451,721	1,544,106	1,710,769	1,826,961	25,705	17,371	17,746	18,072	19,594	21,615
Hawaii	304,131	280,503	272,293	292,915	279,745	395,884	0	0	0	0	0	0
Idaho	177,918	223,108	241,569	263,430	275,415	290,746	6,161	10,435	9,796	10,104	10,615	11,148
Illinois	1,296,895	1,161,833	1,455,336	1,536,660	1,659,027	1,760,300	284,635	418,269	466,516	489,435	494,611	520,136
Indiana	886,124	977,517	1,083,036	1,132,536	1,212,921	1,257,919	1,507	2,831	4,073	5,344	6,420	6,190
Iowa	544,945	649,901	717,651	749,541	787,783	813,805	21,624	29,098	33,720	32,886	34,393	36,129
Kansas	437,413	528,243	578,888	603,720	634,217	664,201	87,026	117,684	124,999	133,068	152,910	160,873
Kentucky	617,915	690,328	778,807	860,684	891,949	939,047	4,682	6,041	6,420	6,715	7,176	14,930
Louisiana	566,798	603,825	750,708	675,189	812,042	834,643	1,462	8,061	916	665	478	517
Maine	174,737	158,044	169,500	169,999	200,638	212,144	0	27	0	0	0	0
Maryland	724,223	717,377	769,702	795,026	893,175	999,723	117,913	136,661	151,989	149,389	174,854	185,034
Massachusetts	471,368	669,102	811,629	842,096	910,366	1,038,998	0	1,779	3,065	0	0	0
Michigan	1,326,884	1,572,241	1,712,281	1,773,141	1,872,214	1,991,098	159,202	215,733	259,868	262,325	275,186	288,112
Minnesota	744,381	901,114	1,004,336	1,115,387	1,121,315	1,174,797	2,040	0	0	0	0	0
Mississippi	365,574	570,035	627,194	678,489	794,196	758,242	25,670	31,725	33,993	36,507	37,844	38,167
Missouri	563,430	669,832	762,681	837,674	887,533	945,746	38,097	72,895	80,912	86,426	92,705	101,562
Montana	110,199	121,730	124,758	128,212	129,663	137,341	3,310	3,526	3,450	3,575	3,868	4,069
Nebraska	318,482	382,465	405,719	435,782	487,148	514,235	36,569	53,004	55,061	49,650	24,949	19,892
Nevada	161,581	223,413	293,252	292,534	311,649	333,117	0	0	0	0	0	0
New Hampshire	71,226	79,376	84,130	87,617	92,403	96,157	6	0	0	34	140	0
New Jersey	854,989	1,045,117	1,076,778	1,107,934	1,180,754	1,246,554	145,010	156,011	158,671	162,653	165,640	172,667
New Mexico	307,083	413,344	449,482	481,846	524,859	538,822	34,364	42,363	48,686	50,825	57,282	60,183
New York	2,313,128	2,202,186	2,356,105	2,412,608	2,582,286	4,461,671	372,650	405,160	381,482	383,239	422,712	431,415
North Carolina	1,351,111	1,686,718	1,952,507	2,134,939	2,095,190	2,221,600	62,785	79,490	92,266	100,269	106,933	113,448
North Dakota	129,986	138,785	159,881	174,718	166,945	188,047	9	170	11	11	21	21
Ohio	1,360,141	1,488,806	1,667,148	1,722,521	1,829,799	1,922,571	63,899	120,161	92,137	98,444	104,247	101,647
Oklahoma	473,898	536,307	619,564	683,632	701,735	754,540	12,822	18,578	19,347	9,850	21,942	28,367
Oregon	377,476	442,603	526,937	515,025	591,047	640,347	118,499	82,282	90,198	94,803	101,786	106,436
Pennsylvania	962,121	1,110,896	1,154,626	1,197,515	1,251,589	1,331,544	62,794	78,912	87,771	88,850	97,904	94,338
Rhode Island	113,614	121,153	139,110	150,980	150,114	157,137	0	0	0	0	0	0
South Carolina	578,794	647,111	722,035	761,377	833,464	853,139	18,670	25,737	28,537	31,194	32,693	36,060
South Dakota	81,859	105,090	113,498	118,172	128,989	129,680	0	957	823	557	0	0
Tennessee	663,536	850,110	865,839	908,709	920,988	969,316	1,779	2,113	2,243	3,074	3,758	3,824
Texas	2,627,916	3,302,958	3,586,555	3,651,446	4,025,328	4,236,852	210,934	280,141	306,296	354,555	383,443	439,342
Utah	304,738	414,407	457,278	478,810	499,301	531,975	0	0	0	0	507	0
Vermont	40,997	42,400	44,047	45,669	50,478	53,605	4	62	21	29	0	0
Virginia	886,208	839,587	1,006,884	1,109,222	1,281,545	1,395,308	973	1,282	4,160	1,489	1,492	1,570
Washington	828,700	914,200	1,008,066	1,014,855	1,110,049	1,200,392	2,470	100	0	1,556	0	0
West Virginia	263,269	320,198	319,436	354,480	359,956	382,269	574	693	645	605	603	503
Wisconsin	841,192	937,513	1,013,288	1,084,212	1,084,212	1,186,415	197,712	275,712	306,781	327,201	349,917	379,648
Wyoming	120,623	130,162	132,169	135,561	136,925	149,009	12,721	13,489	15,698	16,607	18,955	20,525
U.S. Service Schools ..	0	0	0	0	0	0	0	0	0	0	0	0
Outlying areas	337,393	551,957	196,738	617,191	641,333	709,473	12,724	22,579	14,732	11,038	21,244	20,612
American Samoa	0	0	0	0	0	0	0	9,443	2,302	2,300	2,800	0
Federated States of Micronesia	0	11	63	102	0	40	0	2,978	2,167	2,496	2,637	3,327
Guam	28,283	29,975	32,506	29,020	29,163	29,122	10,028	10,118	10,168	997	10,495	12,826
Marshall Islands	0	324	461	461	461	1,924	0	0	0	0	0	0
Northern Marianas	0	8,164	8,307	8,001	7,958	9,055	0	0	0	0	0	0
Palau	644	2,040	2,460	2,498	2,345	2,345	0	0	0	0	0	0
Puerto Rico	277,295	493,833	136,069	556,943	581,107	647,623	2,375	40	95	5,245	5,312	4,459
Virgin Islands	31,170	17,610	16,873	20,167	20,299	19,365	320	0	0	0	0	0

¹ Data are for institutions of higher education, which are institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

² Data were imputed using alternative procedures. (See Guide to Sources for details.)

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1990–91 through 1999–2000, and Spring 2002 survey. (This table was prepared October 2003.)

Table 340. Total revenue of private not-for-profit degree-granting institutions, by source of funds and type of institution: 1996–97 to 2000–01

Year and type of institution	Total revenue and investment return	Student tuition and fees	Federal appropriations, grants, and contracts ¹	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private gifts and grants ²	Investment return	Educational activities	Auxiliary enterprises	Hospitals	Other
1	2	3	4	5	6	7	8	9	10	11	12
In thousands											
All institutions											
1996–97	\$91,319,861	\$25,375,721	(³)	\$930,976	\$510,189	\$11,239,080	\$22,378,196	\$2,179,010	\$7,213,906	(³)	\$21,492,785
1997–98	95,240,891	26,499,174	\$11,156,948	953,624	520,115	13,245,613	22,311,899	2,656,621	7,655,732	\$6,278,828	3,962,337
1998–99 ⁴	95,680,731	28,044,077	11,622,152	1,044,815	545,600	14,253,692	18,735,718	2,703,488	8,028,235	6,784,998	3,917,956
1999–2000	121,509,804	29,651,812	12,191,827	1,117,742	580,237	16,488,984	37,763,518	2,865,606	8,317,607	8,092,598	4,439,874
2000–01	82,174,492	31,318,106	13,378,019	1,176,060	508,365	15,859,313	-3,602,326	3,468,680	8,742,610	7,126,343	4,199,323
4-year											
1996–97	90,478,094	25,006,562	(³)	909,041	509,210	11,113,821	22,303,001	2,165,166	7,139,963	(³)	21,331,329
1997–98	94,529,717	26,158,716	11,109,406	938,004	519,025	13,120,588	22,244,963	2,641,456	7,584,913	6,278,278	3,934,367
1998–99 ⁴	94,812,541	27,695,568	11,572,739	1,026,270	543,561	14,044,604	18,705,741	2,684,664	7,965,778	6,784,463	3,789,154
1999–2000	119,708,625	29,257,523	12,133,829	1,098,961	574,746	16,346,616	37,698,219	2,837,784	8,261,507	7,208,600	4,290,841
2000–01	81,568,928	30,996,381	13,318,572	1,156,503	503,002	15,788,869	-3,623,323	3,452,731	8,703,316	7,125,648	4,147,227
2-year											
1996–97	841,767	369,159	(³)	21,934	978	125,259	75,195	13,844	73,942	(³)	161,456
1997–98	711,175	340,459	47,541	15,620	1,090	125,024	66,937	15,165	70,818	550	27,970
1998–99 ⁴	868,190	348,508	49,414	18,545	2,039	209,088	29,977	18,824	62,457	535	128,803
1999–2000	1,801,179	394,289	57,998	18,781	5,491	142,368	65,299	27,822	56,100	883,998	149,033
2000–01	605,564	321,724	59,446	19,557	5,363	70,444	20,996	15,949	39,294	694	52,096
Percentage distribution											
All institutions											
1996–97	100.0	27.8	(³)	1.0	0.6	12.3	24.5	2.4	7.9	(³)	23.5
1997–98	100.0	27.8	11.7	1.0	0.5	13.9	23.4	2.8	8.0	6.6	4.2
1998–99 ⁴	100.0	29.3	12.1	1.1	0.6	14.9	19.6	2.8	8.4	7.1	4.1
1999–2000	100.0	24.4	10.0	0.9	0.5	13.6	31.1	2.4	6.8	6.7	3.7
2000–01	100.0	38.1	16.3	1.4	0.6	19.3	-4.4	4.2	10.6	8.7	5.1
4-year											
1996–97	100.0	27.6	(³)	1.0	0.6	12.3	24.7	2.4	7.9	(³)	23.6
1997–98	100.0	27.7	11.8	1.0	0.5	13.9	23.5	2.8	8.0	6.6	4.2
1998–99 ⁴	100.0	29.2	12.2	1.1	0.6	14.8	19.7	2.8	8.4	7.2	4.0
1999–2000	100.0	24.4	10.1	0.9	0.5	13.7	31.5	2.4	6.9	6.0	3.6
2000–01	100.0	38.0	16.3	1.4	0.6	19.4	-4.4	4.2	10.7	8.7	5.1
2-year											
1996–97	100.0	43.9	(³)	2.6	0.1	14.9	8.9	1.6	8.8	(³)	19.2
1997–98	100.0	47.9	6.7	2.2	0.2	17.6	9.4	2.1	10.0	0.1	3.9
1998–99 ⁴	100.0	40.1	5.7	2.1	0.2	24.1	3.5	2.2	7.2	0.1	14.8
1999–2000	100.0	21.9	3.2	1.0	0.3	7.9	3.6	1.5	3.1	49.1	8.3
2000–01	100.0	53.1	9.8	3.2	0.9	11.6	3.5	2.6	6.5	0.1	8.6
Revenue per full-time–equivalent student in constant 2000–01 dollars ⁵											
All institutions											
1996–97	\$41,621	\$11,566	(³)	\$424	\$233	\$5,123	\$10,199	\$993	\$3,288	(³)	\$9,796
1997–98	42,059	11,702	\$4,927	421	230	5,849	9,853	1,173	3,381	\$2,773	1,750
1998–99 ⁴	40,840	11,970	4,961	446	233	6,084	7,997	1,154	3,427	2,896	1,672
1999–2000	49,499	12,079	4,966	455	236	6,717	15,383	1,167	3,388	3,297	1,809
2000–01	31,737	12,095	5,167	454	196	6,125	-1,391	1,340	3,376	2,752	1,622
4-year											
1996–97	42,358	11,707	(³)	426	238	5,203	10,441	1,014	3,343	(³)	9,986
1997–98	42,823	11,850	5,033	425	235	5,944	10,077	1,197	3,436	2,844	1,782
1998–99 ⁴	41,414	12,097	5,055	448	237	6,135	8,171	1,173	3,479	2,963	1,655
1999–2000	49,810	12,174	5,049	457	239	6,802	15,686	1,181	3,438	2,999	1,785
2000–01	31,995	12,158	5,224	454	197	6,193	-1,421	1,354	3,414	2,795	1,627
2-year											
1996–97	14,503	6,360	(³)	378	17	2,158	1,296	239	1,274	(³)	2,782
1997–98	12,465	5,968	833	274	19	2,191	1,173	266	1,241	10	490
1998–99 ⁴	16,255	6,525	925	347	38	3,915	561	352	1,169	10	2,412
1999–2000	34,975	7,656	1,126	365	107	2,765	1,268	540	1,089	17,165	2,894
2000–01	15,214	8,083	1,494	491	135	1,770	528	401	987	17	1,309

¹ Includes independent operations.

² Includes contributions from affiliated entities.

³ Included under "Other."

⁴ Data imputed using alternative procedures. (see Guide to Sources for details.)

⁵ Constant dollars based on the Consumer Price Index adjusted to a school year basis.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," surveys, 1996 through 1999 and Spring 2001, and "Finance," surveys, 1996–97 through 1999–2000, and Spring 2002; and U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index. (This table was prepared October 2003.)

NOTE: Detail may not sum to totals due to rounding.

Table 341. Total revenue of private not-for-profit degree-granting institutions, by source of funds and type of institution: 2000–01

Type of institution	Total revenue and investment return	Student tuition and fees	Federal appropriations, grants, and contracts ¹	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private gifts and grants ²	Investment return (gain or loss)	Educational activities	Auxiliary enterprises	Hospitals	Other
1	2	3	4	5	6	7	8	9	10	11	12
In thousands											
Total	\$82,174,492	\$31,318,106	\$13,378,019	\$1,176,060	\$508,365	\$15,859,313	-\$3,602,326	\$3,468,680	\$8,742,610	\$7,126,343	\$4,199,323
4-year	81,568,928	30,996,381	13,318,572	1,156,503	503,002	15,788,869	-3,623,323	3,452,731	8,703,316	7,125,648	4,147,227
Doctoral, extensive ³	38,924,025	9,181,799	10,414,087	384,638	301,746	7,607,468	-2,562,437	2,452,542	3,154,022	5,993,678	1,996,483
Doctoral, intensive ⁴	6,274,849	3,463,857	478,713	124,579	31,741	926,845	-135,065	406,625	702,732	62	274,760
Master's ⁵	14,207,877	8,778,439	622,641	249,608	7,175	1,917,828	91,610	147,247	1,946,841	91,487	355,001
Baccalaureate ⁶	12,186,226	6,205,690	520,914	191,035	4,565	3,358,822	-903,691	86,556	2,325,729	0	396,607
Specialized institutions ⁷	9,975,951	3,366,598	1,282,218	206,642	157,775	1,977,906	-113,739	359,761	573,992	1,040,422	1,124,377
Art, music, or design	1,207,497	671,525	34,212	12,644	1,222	207,021	33,277	18,146	79,380	0	150,071
Business and management	632,272	494,898	11,493	12,082	599	43,257	-16,013	5,260	72,609	0	8,088
Engineering or technology	331,032	143,944	25,917	8,479	11	136,465	-16,972	1,344	28,248	0	3,596
Medical or other health	5,284,864	914,800	1,109,649	149,991	152,103	742,606	-120,271	293,754	128,578	1,040,063	873,590
Theological	1,354,359	390,593	42,715	5,359	360	658,457	4,864	15,034	179,583	0	57,394
Tribal ⁸	17,732	3,049	9,757	648	0	2,150	185	55	753	0	1,153
Other specialized	1,148,194	747,789	48,474	17,440	3,480	187,949	1,191	26,168	84,860	358	30,485
2-year	605,564	321,724	59,446	19,557	5,363	70,444	20,996	15,949	39,294	694	52,096
Associate of arts	565,673	318,406	35,670	19,109	3,620	66,324	20,738	15,918	38,663	694	46,531
Tribal ⁸	39,891	3,318	23,776	448	1,743	4,121	259	31	631	0	5,565
Percentage distribution											
Total	100.0	38.1	16.3	1.4	0.6	19.3	-4.4	4.2	10.6	8.7	5.1
4-year	100.0	38.0	16.3	1.4	0.6	19.4	-4.4	4.2	10.7	8.7	5.1
Doctoral, extensive ³	100.0	23.6	26.8	1.0	0.8	19.5	-6.6	6.3	8.1	15.4	5.1
Doctoral, intensive ⁴	100.0	55.2	7.6	2.0	0.5	14.8	-2.2	6.5	11.2	#	4.4
Master's ⁵	100.0	61.8	4.4	1.8	0.1	13.5	0.6	1.0	13.7	0.6	2.5
Baccalaureate ⁶	100.0	50.9	4.3	1.6	#	27.6	-7.4	0.7	19.1	0.0	3.3
Specialized institutions ⁷	100.0	33.7	12.9	2.1	1.6	19.8	-1.1	3.6	5.8	10.4	11.3
Art, music, or design	100.0	55.6	2.8	1.0	0.1	17.1	2.8	1.5	6.6	0.0	12.4
Business and management	100.0	78.3	1.8	1.9	0.1	6.8	-2.5	0.8	11.5	0.0	1.3
Engineering or technology	100.0	43.5	7.8	2.6	#	41.2	-5.1	0.4	8.5	0.0	1.1
Medical or other health	100.0	17.3	21.0	2.8	2.9	14.1	-2.3	5.6	2.4	19.7	16.5
Theological	100.0	28.8	3.2	0.4	#	48.6	0.4	1.1	13.3	0.0	4.2
Tribal ⁸	100.0	17.2	55.0	3.7	0.0	12.1	1.0	0.3	4.1	0.0	6.5
Other specialized	100.0	65.1	4.2	1.5	0.3	16.4	0.1	2.3	7.4	#	2.7
2-year	100.0	53.1	9.8	3.2	0.9	11.6	3.5	2.6	6.5	0.1	8.6
Associate of arts	100.0	56.3	6.3	3.4	0.6	11.7	3.7	2.8	6.8	0.1	8.2
Tribal ⁸	100.0	8.3	59.6	1.1	4.4	10.3	0.6	0.1	1.6	0.0	14.0
Revenue per full-time-equivalent student											
Total	\$31,737	\$12,095	\$5,167	\$454	\$196	\$6,125	-\$1,391	\$1,340	\$3,376	\$2,752	\$1,622
4-year	31,995	12,158	5,224	454	197	6,193	-1,421	1,354	3,414	2,795	1,627
Doctoral, extensive ³	68,454	16,148	18,315	676	531	13,379	-4,506	4,313	5,547	10,541	3,511
Doctoral, intensive ⁴	25,818	14,252	1,970	513	131	3,813	-556	1,673	2,891	#	1,130
Master's ⁵	16,878	10,428	740	297	9	2,278	109	175	2,313	109	422
Baccalaureate ⁶	20,106	10,239	859	315	8	5,542	-1,491	143	3,837	0	654
Specialized institutions ⁷	34,409	11,612	4,423	713	544	6,822	-392	1,241	1,980	3,589	3,878
Art, music, or design	29,353	16,324	832	307	30	5,032	809	441	1,930	0	3,648
Business and management	14,760	11,553	268	282	14	1,010	-374	123	1,695	0	189
Engineering or technology	25,947	11,283	2,031	665	1	10,696	-1,330	105	2,214	0	282
Medical or other health	90,401	15,648	18,981	2,566	2,602	12,703	-2,057	5,025	2,199	17,791	14,943
Theological	19,366	5,585	611	77	5	9,415	70	215	2,568	0	821
Tribal ⁸	22,560	3,879	12,414	825	0	2,736	236	70	935	0	1,466
Other specialized	17,938	11,683	757	272	54	2,936	19	409	1,326	6	476
2-year	15,214	8,083	1,494	491	135	1,770	528	401	987	17	1,309
Associate of arts	14,653	8,248	924	495	94	1,718	537	412	1,002	18	1,205
Tribal ⁸	33,298	2,770	19,846	374	1,455	3,440	216	26	527	0	4,645

Rounds to zero.
¹ Includes independent operations.
² Includes contributions from affiliated entities.
³ Doctoral, extensive institutions are committed to graduate education through the doctorate, and award 50 or more doctoral degrees per year across at least 15 disciplines.
⁴ Doctoral, intensive institutions are committed to education through the doctorate and award at least 10 doctoral degrees per year across 3 or more disciplines or at least 20 doctoral degrees overall.
⁵ Master's institutions offer a full range of baccalaureate programs and are committed to education through the master's degree. They award at least 20 master's degrees per year.
⁶ Baccalaureate institutions primarily emphasize undergraduate education.
⁷ Specialized 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology and engineering. Includes some institutions

which have 4-year programs, but have not reported sufficient data to identify program category. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie system because they primarily award associate degrees.
⁸ Tribally controlled colleges are located on reservations and are members of the American Indian Higher Education Consortium.
 NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002 surveys. (This table was prepared October 2003.)

Table 342. Total revenue of private for-profit degree-granting institutions, by source of funds and type of institution: 1997-98 to 2000-01

Year and type of institution	Total revenue and investment return	Student tuition and fees	Federal appropriations, grants, and contracts	State and local appropriations, grants, and contracts	Private gifts and grants	Investment return	Educational activities	Auxiliary enterprises	Other
1	2	3	4	5	6	7	8	9	10
In thousands									
All institutions									
1997-98	\$2,790,362	\$2,320,594	\$200,454	\$55,647	\$3,691	\$11,334	\$32,063	\$87,502	\$79,077
1998-99 ¹	3,791,729	3,185,304	263,665	60,991	3,741	14,275	34,956	139,533	89,264
1999-2000	4,321,985	3,721,032	198,923	71,904	2,151	18,537	70,672	156,613	82,153
2000-01	4,967,700	4,340,478	187,353	87,348	2,848	19,737	63,392	172,987	93,557
4-year									
1997-98	1,371,764	1,192,755	66,825	16,356	719	7,569	15,926	44,496	27,118
1998-99 ¹	1,874,874	1,603,889	99,215	27,565	1,264	7,441	16,355	84,749	34,398
1999-2000	2,381,042	2,050,136	103,865	39,460	1,109	10,340	33,764	102,103	40,266
2000-01	2,952,254	2,583,644	81,879	59,922	1,659	12,574	40,081	106,327	66,168
2-year									
1997-98	1,418,598	1,127,839	133,629	39,291	2,972	3,765	16,137	43,006	51,959
1998-99 ¹	1,916,855	1,581,415	164,450	33,426	2,478	6,834	18,601	54,784	54,867
1999-2000	1,940,943	1,670,896	95,058	32,444	1,042	8,197	36,908	54,510	41,888
2000-01	2,015,446	1,756,833	105,474	27,426	1,189	7,163	23,311	66,660	27,389
Percentage distribution									
All institutions									
1997-98	100.0	83.2	7.2	2.0	0.1	0.4	1.1	3.1	2.8
1998-99 ¹	100.0	84.0	7.0	1.6	0.1	0.4	0.9	3.7	2.4
1999-2000	100.0	86.1	4.6	1.7	0.0	0.4	1.6	3.6	1.9
2000-01	100.0	87.4	3.8	1.8	0.1	0.4	1.3	3.5	1.9
4-year									
1997-98	100.0	87.0	4.9	1.2	0.1	0.6	1.2	3.2	2.0
1998-99 ¹	100.0	85.5	5.3	1.5	0.1	0.4	0.9	4.5	1.8
1999-2000	100.0	86.1	4.4	1.7	0.0	0.4	1.4	4.3	1.7
2000-01	100.0	87.5	2.8	2.0	0.1	0.4	1.4	3.6	2.2
2-year									
1997-98	100.0	79.5	9.4	2.8	0.2	0.3	1.1	3.0	3.7
1998-99 ¹	100.0	82.5	8.6	1.7	0.1	0.4	1.0	2.9	2.9
1999-2000	100.0	86.1	4.9	1.7	0.1	0.4	1.9	2.8	2.2
2000-01	100.0	87.2	5.2	1.4	0.1	0.4	1.2	3.3	1.4
Revenue per full-time-equivalent student in constant 2000-01 dollars ²									
All institutions									
1997-98	\$10,279	\$8,548	\$738	\$205	\$14	\$42	\$118	\$322	\$291
1998-99 ¹	12,391	10,410	862	199	12	47	114	456	292
1999-2000	11,622	10,006	535	193	6	50	190	421	221
2000-01	12,644	11,048	477	222	7	50	161	440	238
4-year									
1997-98	10,974	9,542	535	131	6	61	127	356	217
1998-99 ¹	12,256	10,485	649	180	8	49	107	554	225
1999-2000	11,796	10,157	515	195	5	51	167	506	199
2000-01	12,946	11,329	359	263	7	55	176	466	290
2-year									
1997-98	9,685	7,700	912	268	20	26	110	294	355
1998-99 ¹	12,527	10,334	1,075	218	16	45	122	358	359
1999-2000	11,416	9,827	559	191	6	48	217	321	246
2000-01	12,227	10,658	640	166	7	43	141	404	166

¹ Data imputed using alternative procedures. (See Guide to Sources for details.)

² Constant dollars based on the Consumer Price Index adjusted to a school year basis.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," surveys, 1997 through 1999 and Spring 2001, and "Finance," surveys, 1997-98 through 1999-2000, and Spring 2002 survey; and U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index. (This table was prepared November 2003.)

Table 343. Total revenue of private for-profit degree-granting institutions, by source of funds and type of institution: 1999–2000 and 2000–01

Type of institution	Total revenue and investment return	Student tuition and fees	Federal appropriations, grants, and contracts	State and local appropriations, grants, and contracts	Private gifts and grants	Investment return	Educational activities	Auxiliary enterprises	Other
1	2	3	4	5	6	7	8	9	10
1999–2000, in thousands									
Total	\$4,321,985	\$3,721,032	\$198,923	\$71,904	\$2,151	\$18,537	\$70,672	\$156,613	\$82,153
4-year	2,381,042	2,050,136	103,865	39,460	1,109	10,340	33,764	102,103	40,266
Doctoral, intensive ¹	23,727	22,482	0	0	0	137	0	0	1,108
Master's ²	599,810	551,292	16,499	55	0	2,704	11,521	1,383	16,357
Baccalaureate ³	276,785	216,439	15,126	13,735	0	1,576	876	20,653	8,380
Specialized institutions ⁴	1,480,719	1,259,923	72,240	25,669	1,109	5,923	21,367	80,067	14,421
Art, music, or design	349,033	290,485	27,631	2,015	0	1,916	6,319	18,895	1,772
Business and management	163,723	144,898	6,198	0	0	873	2,980	6,833	1,940
Engineering or technology	409,100	355,091	18,198	15,733	0	1,988	1,636	14,531	1,923
Medical or other health	33,157	30,795	7	0	5	63	2,090	737	-540
Other specialized	525,706	438,654	20,206	7,922	1,104	1,084	8,342	39,070	9,325
2-year	1,940,943	1,670,896	95,058	32,444	1,042	8,197	36,908	54,510	41,888
2000–01, in thousands									
Total	\$4,967,700	\$4,340,478	\$187,353	\$87,348	\$2,848	\$19,737	\$63,392	\$172,987	\$93,557
4-year	2,952,254	2,583,644	81,879	59,922	1,659	12,574	40,081	106,327	66,168
Doctoral, intensive ¹	27,201	25,261	0	0	0	619	0	0	1,321
Master's ²	780,725	755,239	266	0	0	4,015	5,977	6,902	8,327
Baccalaureate ³	297,602	223,910	22,347	22,226	0	1,723	3,221	14,425	9,751
Specialized institutions ⁴	1,846,726	1,579,235	59,266	37,697	1,659	6,217	30,883	85,001	46,769
Art, music, or design	415,975	371,885	6,133	422	38	2,628	7,645	23,386	3,839
Business and management	152,117	145,883	0	0	0	1,197	571	6,424	-1,959
Engineering or technology	473,859	413,311	23,394	21,205	0	2,305	1,138	9,870	2,636
Medical or other health	30,814	27,211	8	0	0	109	2,533	1,390	-438
Other specialized	773,962	620,945	29,731	16,070	1,621	-23	18,996	43,931	42,691
2-year	2,015,446	1,756,833	105,474	27,426	1,189	7,163	23,311	66,660	27,389
2000–01, percentage distribution									
Total	100.0	87.4	3.8	1.8	0.1	0.4	1.3	3.5	1.9
4-year	100.0	87.5	2.8	2.0	0.1	0.4	1.4	3.6	2.2
Doctoral, intensive ¹	100.0	92.9	0.0	0.0	0.0	2.3	0.0	0.0	4.9
Master's ²	100.0	96.7	0.0	0.0	0.0	0.5	0.8	0.9	1.1
Baccalaureate ³	100.0	75.2	7.5	7.5	0.0	0.6	1.1	4.8	3.3
Specialized institutions ⁴	100.0	85.5	3.2	2.0	0.1	0.3	1.7	4.6	2.5
Art, music, or design	100.0	89.4	1.5	0.1	#	0.6	1.8	5.6	0.9
Business and management	100.0	95.9	0.0	0.0	0.0	0.8	0.4	4.2	-1.3
Engineering or technology	100.0	87.2	4.9	4.5	0.0	0.5	0.2	2.1	0.6
Medical or other health	100.0	88.3	#	0.0	0.0	0.4	8.2	4.5	-1.4
Other specialized	100.0	80.2	3.8	2.1	0.2	#	2.5	5.7	5.5
2-year	100.0	87.2	5.2	1.4	0.1	0.4	1.2	3.3	1.4
2000–01, revenue per full-time-equivalent student									
Total	\$12,644	\$11,048	\$477	\$222	\$7	\$50	\$161	\$440	\$238
4-year	12,946	11,329	359	263	7	55	176	466	290
Doctoral, intensive ¹	16,134	14,983	0	0	0	367	0	0	784
Master's ²	12,359	11,955	4	0	0	64	95	109	132
Baccalaureate ³	12,844	9,663	964	959	0	74	139	623	421
Specialized institutions ⁴	13,189	11,279	423	269	12	44	221	607	334
Art, music, or design	14,834	13,262	219	15	1	94	273	834	137
Business and management	6,464	6,199	0	0	0	51	24	273	-83
Engineering or technology	13,615	11,876	672	609	0	66	33	284	76
Medical or other health	13,409	11,841	3	0	0	48	1,102	605	-191
Other specialized	15,074	12,094	579	313	32	#	370	856	831
2-year	12,227	10,658	640	166	7	43	141	404	166

Rounds to zero.

¹ Doctoral, intensive institutions are committed to education through the doctorate and award at least 10 doctoral degrees per year across 3 or more disciplines or at least 20 doctoral degrees overall.² Master's institutions offer a full range of baccalaureate programs and are committed to education through the master's degree. They award at least 20 master's degrees per year.³ Baccalaureate institutions primarily emphasize undergraduate education.⁴ Specialized 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology and engineering. Includes some institutions

which have 4-year programs, but have not reported sufficient data to identify program category. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie system because they primarily award associate degrees.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, 1999–2000," and Spring 2001 and Spring 2002 surveys. (This table was prepared October 2003.)

Table 344. Current-fund revenue received from the federal government by the 120 degree-granting institutions receiving the largest amounts, by control and rank order: 2000–01

Institution	Control ¹	Rank order	Revenue from the federal government ² (in thousands)	Institution	Control ¹	Rank order	Revenue from the federal government ² (in thousands)
1	2	3	4	1	2	3	4
United States (all institutions)	†	†	\$33,310,337				
120 institutions receiving the largest amounts	†	†	\$24,458,011				
California Institute of Technology	2	1	1,607,902	Texas A & M University	1	61	142,609
Johns Hopkins University (MD)	2	2	1,059,557	University of Utah	1	62	141,669
University of Chicago (IL)	2	3	714,416	U. of Tennessee, Health Science Center	1	63	134,301
Stanford University (CA)	2	4	631,042	Cornell University, Endowed Colleges (NY)	2	64	133,948
Massachusetts Institute of Technology	2	5	592,982	University of Texas, Southwestern Medical Center, Dallas	1	65	132,231
State University of New York, System Office	1	6	526,727	Iowa State University	1	66	117,150
University of Washington, Seattle	1	7	516,556	Yeshiva University (NY)	2	67	116,235
University of Pennsylvania	2	8	469,864	Rutgers, the State U., Central Office (NJ)	1	68	115,775
University of Michigan, Ann Arbor	1	9	437,206	University of California, Irvine	1	69	114,798
University of Southern California	2	10	391,908	Purdue University, Main Campus (IN)	1	70	113,727
Columbia U. in the City of New York	2	11	377,632	U. of Mass., Medical School at Worcester	1	71	108,119
University of California, Los Angeles	1	12	369,181	Oregon Health and Science University	1	72	105,374
University of California, San Diego	1	13	368,025	University of Maryland, Baltimore	1	73	105,043
University of Wisconsin, Madison	1	14	360,618	State University of New York at Stony Brook	1	74	102,643
Harvard University (MA)	2	15	352,018	University of Cincinnati, Main Campus (OH)	1	75	101,729
U. of Oklahoma, Health Sciences Center	1	16	351,029	Oregon State University	1	76	99,836
Cornell U. Weill Medical College (NY)	2	17	347,683	University of Texas, Health Science Center	1	77	98,356
United States Air Force Academy (CO)	1	18	345,531	Mount Sinai School of Medicine (NY)	2	78	97,520
United States Military Academy (NY)	1	19	344,819	Indiana University-Purdue University at Indianapolis	1	79	97,306
University of Miami (FL)	2	20	335,850	U. of Medicine and Dentistry of New Jersey	1	80	96,332
Washington University in St. Louis (MO)	2	21	325,821	Wayne State University (MI)	1	81	94,997
University of Texas, Anderson Cancer Center	1	22	319,542	University of Kentucky	1	82	93,178
University of California, San Francisco	1	23	316,249	Colorado State University	1	83	93,031
University of Pittsburgh, Main Campus (PA)	1	24	314,001	North Carolina State University at Raleigh	1	84	92,467
University of North Carolina, Chapel Hill	1	25	307,749	Cornell University, Statutory Colleges (NY)	1	85	92,097
University of Minnesota, Twin Cities	1	26	304,850	New Mexico State University, Main Campus	1	86	90,316
Yale University (CT)	2	27	299,322	Utah State University	1	87	88,303
New York University	2	28	295,908	University of Georgia	1	88	86,407
United States Naval Academy (MD)	1	29	254,648	Mississippi State University	1	89	86,266
Duke University (NC)	2	30	249,945	Virginia Polytechnic Institute and State U.	1	90	85,094
University of Illinois at Urbana-Champaign	1	31	242,557	Wake Forest University (NC)	2	91	84,588
Baylor College of Medicine (TX)	2	32	242,363	Virginia Commonwealth University	1	92	84,219
University of California, Berkeley	1	33	240,966	University of California, Santa Barbara	1	93	82,719
Howard University (DC)	2	34	238,584	University of Missouri, Columbia	1	94	81,990
University of Alabama at Birmingham	1	35	233,958	Arizona State University, Main Campus	1	95	80,787
University of Colorado at Boulder	1	36	230,899	Dartmouth College (NH)	2	96	79,774
University of Arizona	1	37	228,742	Brown University (RI)	2	97	79,396
Pennsylvania State University, Main Campus	1	38	214,452	Tufts University (MA)	2	98	79,343
University of Texas at Austin	1	39	210,171	State University of New York System Office	1	99	76,514
Emory University (GA)	2	40	205,190	University of Tennessee	1	100	76,075
Ohio State University, Main Campus	1	41	187,068	San Diego State University (CA)	1	101	74,878
U. of Colorado, Health Sciences Center	1	42	186,846	Tulane University of Louisiana	2	102	74,613
University of Iowa	1	43	185,751	U. of Texas Health Science Cntr., San Antonio	1	103	74,298
University of Illinois at Chicago	1	44	183,271	George Washington University (DC)	2	104	73,257
Case Western Reserve University (OH)	2	45	177,105	City University of New York, System Office	1	105	72,966
Vanderbilt University (TN)	2	46	173,012	University of South Carolina at Columbia	1	106	72,397
University of Maryland, College Park	1	47	170,227	University of Massachusetts, Amherst	1	107	71,744
University of Hawaii at Manoa	1	48	168,065	State University of New York at Buffalo	1	108	71,594
University of California, Davis	1	49	166,044	Thomas Jefferson University (PA)	2	109	70,315
University of New Mexico, Main Campus	1	50	165,898	Louisiana St. U. & A&M & Hebert Laws Cntr.	1	110	69,255
University of Rochester (NY)	2	51	164,467	Washington State University	1	111	69,197
Northwestern University (IL)	2	52	163,767	Medical University of South Carolina	1	112	69,171
University of Florida	1	53	161,033	University of South Florida	1	113	67,114
Princeton University (NJ)	2	54	159,403	Medical College of Wisconsin	2	114	66,723
Georgia Institute of Technology, Main Campus ..	1	55	158,389	Florida State University	1	115	66,566
Boston University (MA)	2	56	155,011	Gallaudet University (DC)	2	116	64,810
Michigan State University	1	57	152,677	Rush University (IL)	2	117	64,555
Georgetown University (DC)	2	58	146,258	University of Delaware	1	118	64,473
Carnegie Mellon University (PA)	2	59	145,500	Rochester Institute of Technology (NY)	2	119	64,127
University of Virginia, Main Campus	1	60	145,247	University of Nebraska at Lincoln	1	120	62,196

† Not applicable.

¹ Publicly controlled institutions are identified by a "1," and private, not-for-profit, by a "2."

² Includes federal appropriations, unrestricted and restricted federal contracts and grants, and revenue for independent operations. Independent operations generally include only the revenues associated with major federally funded research and development centers. Excludes Pell Grants. Federally supported student aid that is received

through students is excluded. Data for public and private institutions are only roughly comparable because they were collected using different survey instruments, and slightly different definitions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 survey. (This table was prepared November 2003.)

Table 345. Current-fund expenditures and expenditures per full-time-equivalent student in degree-granting institutions, by type and control of institution: Selected years, 1970–71 to 2000–01

Control of institution and year	All institutions			4-year institutions			2-year institutions		
	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 2000–01 dollars	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 2000–01 dollars	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 2000–01 dollars
	Unadjusted dollars	Constant 2000–01 dollars		Unadjusted dollars	Constant 2000–01 dollars		Unadjusted dollars	Constant 2000–01 dollars	
1	2	3	4	5	6	7	8	9	10
All institutions									
1970–71	\$23,375	\$103,029	\$15,291	\$21,049	\$92,774	\$18,030	\$2,327	\$10,255	\$6,440
1975–76	38,903	122,825	14,485	33,811	106,749	18,092	5,092	16,076	6,233
1977–78	45,971	128,512	15,271	39,899	111,537	18,793	6,072	16,975	6,844
1978–79	50,721	129,647	15,529	44,163	112,885	19,029	6,558	16,763	6,938
1979–80	56,914	128,362	15,124	49,661	112,004	18,617	7,253	16,358	6,619
1980–81	64,053	129,468	14,681	55,840	112,868	18,319	8,212	16,600	6,246
1981–82	70,339	130,870	14,518	61,333	114,114	18,259	9,006	16,756	6,061
1982–83	75,936	135,463	14,900	66,238	118,164	18,910	9,697	17,299	6,085
1983–84	81,993	141,049	15,388	71,680	123,307	19,495	10,314	17,742	6,245
1984–85	89,951	148,910	16,635	78,744	130,357	20,715	11,207	18,553	6,978
1985–86	97,536	156,940	17,548	85,560	137,671	21,872	11,976	19,269	7,274
1986–87	105,764	166,483	18,367	92,985	146,367	23,013	12,779	20,115	7,440
1987–88	113,786	171,985	18,634	100,143	151,363	23,335	13,644	20,622	7,518
1988–89	123,867	178,957	18,909	109,141	157,681	23,661	14,726	21,276	7,598
1989–90	134,656	185,683	18,984	118,578	163,513	23,998	16,077	22,170	7,471
1990–91	146,088	191,005	19,132	128,594	168,133	24,129	17,494	22,872	7,585
1991–92	156,189	197,872	19,098	137,375	174,037	24,576	18,814	23,835	7,269
1992–93	165,241	202,999	19,450	145,300	178,501	25,037	19,941	24,498	7,407
1993–94	173,351	207,584	20,054	152,164	182,213	25,588	21,187	25,371	7,854
1994–95	182,969	212,996	20,583	160,891	187,295	26,242	22,078	25,701	8,005
1995–96	190,476	215,863	20,887	166,954	189,206	26,378	23,522	26,657	8,430
Public institutions									
1970–71	14,996	66,097	13,344	12,899	56,853	16,391	2,097	9,243	6,226
1975–76	26,184	82,668	12,675	21,392	67,538	16,649	4,792	15,130	6,136
1977–78	30,725	85,893	13,428	25,013	69,925	17,312	5,712	15,968	6,774
1978–79	33,733	86,224	13,732	27,600	70,549	17,654	6,132	15,675	6,866
1979–80	37,768	85,181	13,325	30,979	69,869	17,212	6,789	15,312	6,562
1980–81	42,280	85,459	12,866	34,677	70,092	16,856	7,602	15,366	6,186
1981–82	46,219	85,993	12,681	37,890	70,495	16,751	8,330	15,498	6,024
1982–83	49,573	88,434	12,909	40,616	72,455	17,167	8,957	15,979	6,076
1983–84	53,087	91,322	13,271	43,588	74,982	17,577	9,499	16,340	6,247
1984–85	58,315	96,537	14,442	48,017	79,490	18,757	10,298	17,047	6,967
1985–86	63,194	101,682	15,250	52,184	83,967	19,805	11,010	17,715	7,296
1986–87	67,654	106,494	15,712	56,003	88,154	20,522	11,651	18,340	7,388
1987–88	72,641	109,795	15,826	60,137	90,895	20,678	12,505	18,900	7,435
1988–89	78,946	114,057	16,071	65,349	94,413	20,954	13,597	19,644	7,581
1989–90	85,771	118,273	16,044	70,865	97,719	21,152	14,906	20,554	7,469
1990–91	92,961	121,544	16,081	76,722	100,311	21,163	16,239	21,232	7,535
1991–92	98,847	125,227	15,926	81,334	103,040	21,486	17,513	22,187	7,234
1992–93	104,570	128,464	16,237	86,065	105,731	22,037	18,505	22,734	7,301
1993–94	109,310	130,896	16,755	89,697	107,411	22,537	19,612	23,485	7,709
1994–95	115,465	134,414	17,267	94,895	110,468	23,259	20,570	23,946	7,890
1995–96	119,525	135,455	17,474	97,905	110,953	23,323	21,620	24,502	8,182
1996–97	125,429	138,203	17,730	103,069	113,566	23,823	22,360	24,637	8,137
1997–98	132,846	143,811	18,274	109,190	118,202	24,555	23,656	25,609	8,380
1998–99	140,539	149,550	18,978	115,158	122,542	25,168	25,381	27,008	8,969
1999–2000	152,325	157,544	19,644	124,878	129,156	26,121	27,447	28,388	9,230
2000–01	170,345	170,345	20,606	140,578	140,578	27,973	29,766	29,766	9,183
Private institutions									
1970–71	8,379	36,932	20,694	8,150	35,920	21,421	230	1,012	9,383
1975–76	12,719	40,157	20,516	12,419	39,210	21,265	300	947	8,343
1979–80	19,146	43,181	20,614	18,682	42,135	21,533	464	1,046	7,584
1980–81	21,773	44,009	20,218	21,163	42,776	21,355	610	1,233	7,103
1983–84	28,907	49,727	21,763	28,092	48,325	23,465	815	1,402	6,216
1984–85	31,637	52,373	23,102	30,727	50,867	24,755	910	1,506	7,097
1985–86	34,342	55,258	24,282	33,376	53,704	26,137	966	1,554	7,035
1986–87	38,110	59,989	26,240	36,982	58,213	28,193	1,128	1,775	8,022
1987–88	41,145	62,190	27,133	40,006	60,468	28,921	1,139	1,722	8,555
1988–89	44,922	64,900	27,415	43,792	63,268	29,313	1,130	1,632	7,808
1989–90	48,885	67,410	27,979	47,713	65,794	29,991	1,172	1,616	7,496
1990–91	53,127	69,461	28,639	51,821	67,821	30,441	1,255	1,640	8,306
1991–92	57,342	72,645	29,084	56,041	70,997	31,061	1,301	1,648	7,774
1992–93	60,671	74,534	29,518	59,235	72,770	31,212	1,436	1,764	9,112
1993–94	64,041	76,688	30,204	62,466	74,802	31,764	1,575	1,886	10,243
1994–95	67,504	78,582	30,652	65,996	76,827	32,175	1,508	1,755	9,980
1995–96	70,952	80,408	31,128	69,050	78,253	32,394	1,902	2,156	12,868

NOTE: Constant dollars based on the Consumer Price Index adjusted to a school year basis. Data for 1995–96 and earlier years are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Private college data not collected on a basis consistent with public institutions after 1995–96. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education," 1970–71 through 1985–86, "Fall Enrollment in Colleges and Universities," 1970 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Finance," 1986–87 through 1999–2000, and Spring 2002 survey, "Fall Enrollment," 1986 through 1999, and Spring 2001 survey; and Bureau of Labor Statistics, Consumer Price Index. (This table was prepared October 2003.)

Table 346. Current-fund expenditures and educational and general expenditures of degree-granting institutions, by purpose and per student: Selected years, 1929–30 to 1995–96

Year	Current-fund expenditures (in thousands)	Educational and general expenditures (in thousands)							
		Total	Administration and general expense	Instruction and departmental research	Organized research	Libraries	Plant operation and maintenance	Organized activities related to instructional departments ¹	Other sponsored programs ²
1	2	3	4	5	6	7	8	9	10
Institutions of higher education⁶									
1929–30	\$507,142	\$377,903	\$42,633	\$221,598	⁷ \$18,007	\$9,622	\$61,061	(⁸)	—
1931–32	536,523	420,633	47,232	232,645	⁷ 21,978	11,379	56,797	⁹ \$21,297	—
1933–34	469,329	369,661	43,155	203,332	⁷ 17,064	13,387	51,046	⁹ 14,155	—
1935–36	541,391	419,883	48,069	225,143	⁷ 22,091	15,531	56,802	⁹ 20,241	—
1937–38	614,385	475,191	56,406	253,006	⁷ 25,213	17,588	62,738	⁹ 24,031	—
1939–40	674,688	521,990	62,827	280,248	⁷ 27,266	19,487	69,612	⁹ 27,225	—
1941–42	738,169	572,465	66,968	298,558	⁷ 34,287	19,763	72,594	⁹ 37,771	—
1943–44	974,118	753,846	69,668	334,189	⁷ 58,456	20,452	81,201	⁹ 48,415	¹⁰ \$97,044
1945–46	1,088,422	820,326	104,808	375,122	⁷ 86,812	26,560	110,947	⁹ 60,604	—
1947–48	1,883,269	1,391,594	171,829	657,945	⁷ 159,090	44,208	201,996	⁹ 85,346	—
1949–50	2,245,661	1,706,444	213,070	780,994	⁷ 225,341	56,147	225,110	⁹ 119,108	—
1951–52	2,471,008	1,960,481	233,844	823,117	⁷ 317,928	60,612	240,446	⁹ 147,854	—
1953–54	2,882,864	2,345,331	288,147	960,556	⁷ 372,643	72,944	277,874	⁹ 186,905	—
1955–56	3,499,463	2,861,858	355,207	1,140,655	⁷ 500,793	85,563	324,229	⁹ 222,007	—
1957–58	4,509,666	3,734,350	473,945	1,465,603	⁷ 727,776	109,715	406,226	⁹ 238,455	—
1959–60	5,601,376	4,685,258	583,224	1,793,320	⁷ 1,022,353	135,384	469,943	⁹ 294,255	—
1961–62	7,154,526	5,997,007	730,429	2,202,443	⁷ 1,474,406	177,362	564,225	⁹ 375,040	—
1963–64	9,177,677	7,725,433	957,512	2,801,707	⁷ 1,973,383	236,718	686,054	⁹ 458,507	—
1965–66	12,509,489	10,376,630	1,251,107	3,756,175	⁷ 2,448,300	346,248	844,506	⁹ 558,170	155,202
1966–67	14,230,341	10,724,974	1,445,074	4,356,413	1,565,102	415,903	969,275	591,848	350,950
1967–68	16,480,786	12,847,350	1,738,946	5,139,179	1,933,473	493,266	1,127,290	350,711	514,294
1968–69	18,481,583	14,718,140	2,277,585	5,941,972	2,034,074	571,572	1,337,903	535,269	668,483
1969–70	21,043,113	16,845,212	2,627,993	6,883,844	2,144,076	652,596	1,541,698	648,089	769,253
1970–71	23,375,197	18,714,642	2,983,911	7,804,410	2,209,338	716,212	1,730,664	693,011	890,507
1971–72	25,559,560	20,441,878	3,344,215	8,443,261	2,265,282	764,481	1,927,553	779,728	1,059,989
1972–73	27,955,624	22,400,379	3,713,068	9,243,641	2,394,261	840,727	2,141,162	791,290	1,284,085
1973–74	30,713,581	24,653,849	4,200,955	10,219,118	2,480,450	939,023	2,494,057	838,170	1,355,027
1974–75	35,057,563	27,547,620	4,495,391	11,797,823	3,132,132	1,001,868	2,786,768	1,253,824	—
1975–76	38,903,177	30,598,685	5,240,066	13,094,943	3,287,364	1,223,723	3,082,959	1,248,670	—
1976–77	42,599,816	33,151,681	5,590,669	14,031,145	3,600,067	1,250,314	3,436,705	1,544,646	—
1977–78	45,970,790	36,256,604	6,177,029	15,336,229	3,919,830	1,348,747	3,795,043	1,781,160	—
1978–79	50,720,984	39,833,116	6,832,004	16,662,820	4,447,760	1,426,614	4,178,574	2,044,386	—
1979–80	56,913,588	44,542,843	7,621,143	18,496,717	5,099,151	1,623,811	4,700,070	2,252,577	—
1980–81	64,052,938	50,073,805	8,681,513	20,733,166	5,657,719	1,759,784	5,350,310	2,513,502	—
1981–82	70,339,448	54,848,752	9,648,069	22,962,527	5,929,894	1,922,416	5,979,281	2,734,038	—
1982–83	75,935,749	58,929,218	10,412,233	24,673,293	6,265,280	2,039,671	6,391,596	3,047,220	—
1983–84	81,993,360	63,741,276	11,561,260	26,436,308	6,723,534	2,231,149	6,729,825	3,300,003	—
1984–85	89,951,263	70,061,324	12,765,452	28,777,183	7,551,892	2,361,793	7,345,482	3,712,460	—
1985–86	97,535,742	76,127,965	13,913,724	31,032,099	8,437,367	2,551,331	7,605,226	4,116,061	—
1986–87	105,763,557	82,955,555	15,060,576	33,711,146	9,352,309	2,441,184	7,819,032	5,134,267	—
1987–88	113,786,476	89,157,430	16,171,015	35,833,563	10,350,931	2,836,498	8,230,986	5,305,083	—
1988–89	123,867,184	96,803,377	17,309,956	38,812,690	11,432,170	3,009,870	8,739,895	5,894,409	—
1989–90	134,655,571	105,585,076	19,062,179	42,145,987	12,505,961	3,254,239	9,458,262	6,183,405	—
1990–91	146,087,836	114,139,901	20,751,966	45,496,117	13,444,040	3,343,892	10,062,581	6,706,881	—
1991–92	156,189,161	121,567,157	21,984,118	47,997,196	14,261,554	3,595,834	10,346,580	6,981,184	—
1992–93	165,241,040	128,977,968	23,414,977	50,340,914	15,291,309	3,684,852	10,783,727	7,388,118	—
1993–94	173,350,617	136,024,350	24,489,022	52,775,599	16,117,610	3,908,412	11,368,496	7,769,499	—
1994–95	182,968,610	144,158,002	25,904,821	55,719,707	17,109,541	4,165,761	11,745,905	8,112,930	—
1995–96	189,986,238	150,927,324	27,683,381	57,572,851	17,519,665	4,299,177	12,257,540	9,010,262	—
Degree-granting institutions¹²									
1995–96	190,476,163	151,445,605	27,886,345	57,810,033	17,517,887	4,293,363	12,330,885	9,003,700	—

See notes at end of table.

Table 346. Current-fund expenditures and educational and general expenditures of degree-granting institutions, by purpose and per student: Selected years, 1929–30 to 1995–96—Continued

Year	Educational and general expenditures (in thousands)			Auxiliary enterprises (in thou- sands)	Independent operations ³ (in thou- sands)	Hospitals (in thousands)	Other current expenditures (in thou- sands)	Educational and general expenditures per student in fall enrollment ⁴	
	Extension and public service	Scholarships and fellowships	Other general expenditures					Current dollars	Constant 1995–96 dollars ⁵
1	11	12	13	14	15	16	17	18	19
Institutions of higher education⁶									
1929–30	\$24,982	(⁸)	—	\$3,127	(⁷)	(⁹)	\$126,112	\$343	\$3,099
1931–32	24,066	(⁸)	\$5,239	90,897	(⁷)	(⁹)	24,993	364	3,906
1933–34	20,020	(⁸)	7,502	78,730	(⁷)	(⁹)	20,938	350	4,087
1935–36	29,426	(⁸)	2,580	95,332	(⁷)	(⁹)	26,176	348	3,907
1937–38	34,189	(⁸)	2,020	115,620	(⁷)	(⁹)	23,574	352	3,794
1939–40	35,325	(⁸)	—	124,184	(⁷)	(⁹)	28,514	349	3,862
1941–42	42,525	(⁸)	—	137,328	(⁷)	(⁹)	28,375	408	4,040
1943–44	44,421	(⁸)	—	199,344	(⁷)	(⁹)	20,928	653	5,786
1945–46	55,473	(⁸)	—	242,028	(⁷)	(⁹)	26,068	489	4,143
1947–48	71,180	(⁸)	—	438,988	(⁷)	(⁹)	52,687	595	3,946
1949–50	86,674	(⁸)	—	476,401	(⁷)	(⁹)	62,816	698	4,553
1951–52	97,408	\$39,272	—	477,672	(⁷)	(⁹)	32,855	933	5,483
1953–54	112,227	74,035	—	537,533	(⁷)	(⁹)	—	1,051	6,039
1955–56	137,914	95,490	—	637,605	(⁷)	(⁹)	—	1,079	6,199
1957–58	175,256	129,935	7,439	775,316	(⁷)	(⁹)	—	1,124	6,078
1959–60	205,595	172,050	9,134	916,117	(⁷)	(⁹)	—	1,287	6,768
1961–62	244,337	228,765	—	1,157,517	(⁷)	(⁹)	—	1,447	7,437
1963–64	297,350	300,370	13,832	1,452,244	(⁷)	(⁹)	—	1,616	8,097
1965–66	438,385	425,524	153,013	1,887,744	(⁷)	(⁹)	¹¹ 245,115	1,753	8,486
1966–67	226,566	583,390	220,453	2,060,130	\$951,668	\$253,790	¹¹ 239,780	1,678	7,878
1967–68	597,544	712,425	240,222	2,302,419	765,495	290,000	¹¹ 275,523	1,859	8,444
1968–69	536,527	814,755	—	2,539,183	697,317	526,943	—	1,959	8,486
1969–70	593,067	984,594	—	2,769,276	757,388	671,236	—	2,104	8,607
1970–71	588,390	1,098,198	—	2,988,407	829,596	842,552	—	2,181	8,482
1971–72	615,997	1,241,372	—	3,178,272	940,825	998,585	—	2,284	8,577
1972–73	669,735	1,322,411	—	3,337,789	1,033,746	1,183,709	—	2,431	8,773
1973–74	730,560	1,396,488	—	3,613,256	1,014,872	1,431,604	—	2,568	8,508
1974–75	1,097,788	1,449,542	532,485	4,073,590	1,085,590	2,350,763	—	2,694	8,038
1975–76	1,238,603	1,635,859	546,498	4,476,841	1,132,016	2,695,635	—	2,736	7,621
1976–77	1,343,404	1,770,214	584,515	4,858,328	1,434,738	3,155,069	—	3,010	7,925
1977–78	1,425,294	1,839,298	633,973	5,261,477	855,054	3,597,655	—	3,213	7,925
1978–79	1,593,097	1,944,599	703,262	5,749,974	1,007,119	4,130,775	—	3,538	7,979
1979–80	1,816,521	2,200,468	732,385	6,485,608	1,127,728	4,757,409	—	3,850	7,662
1980–81	2,057,770	2,504,525	815,516	7,288,089	1,257,934	5,433,111	—	4,139	7,383
1981–82	2,203,726	2,684,945	783,854	7,997,632	1,258,777	6,234,287	—	4,433	7,278
1982–83	2,320,478	2,922,897	856,548	8,614,316	1,406,126	6,986,089	—	4,742	7,465
1983–84	2,499,203	3,301,673	958,321	9,250,196	1,622,233	7,379,654	—	5,114	7,762
1984–85	2,861,095	3,670,355	1,015,613	10,012,248	1,867,550	8,010,141	—	5,723	8,360
1985–86	3,119,533	4,160,174	1,192,449	10,528,303	2,187,361	8,692,113	—	6,216	8,826
1986–87	3,448,453	4,776,100	1,212,488	11,037,333	2,597,655	9,173,014	—	6,635	9,215
1987–88	3,786,362	5,325,358	1,317,633	11,399,953	2,822,632	10,406,461	—	6,984	9,314
1988–89	4,227,323	5,918,666	1,458,397	12,280,063	2,958,962	11,824,782	—	7,415	9,453
1989–90	4,689,758	6,655,544	1,629,742	13,203,984	3,187,224	12,679,286	—	7,799	9,489
1990–91	5,076,177	7,551,184	1,707,063	14,272,247	3,349,824	14,325,865	—	8,260	9,529
1991–92	5,489,298	9,060,000	1,851,393	14,966,100	3,551,592	16,104,313	—	8,466	9,464
1992–93	5,935,095	10,148,373	1,990,603	15,561,508	3,651,891	17,049,672	—	8,903	9,651
1993–94	6,242,414	11,238,010	2,115,288	16,429,341	3,387,323	17,509,603	—	9,509	10,048
1994–95	6,691,485	12,285,328	2,422,524	17,204,917	3,534,332	18,071,359	—	10,096	10,371
1995–96	7,045,145	13,138,965	2,400,338	17,569,276	3,492,548	17,997,090	—	10,583	10,583
Degree-granting institutions¹²									
1995–96	7,007,413	13,195,102	2,400,876	17,599,061	3,490,511	17,940,986	—	—	—

—Not available.

¹ Academic support excluding expenditures for libraries.² Includes all separately budgeted programs, other than research, which are supported by sponsors outside the institution. Examples are training programs, workshops, and training and instructional institutes. For years not shown, most expenditures for these programs are included under "Extension and public service."³ Generally includes only those expenditures associated with federally funded research and development centers (FFRDCs).⁴ Data for 1929–30 to 1945–46 are based on school year enrollment.⁵ Data adjusted by the Consumer Price Index computed on a school year basis.⁶ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.⁷ Expenditures for federally funded research and development centers are included under "Organized research."⁸ Included under "Other current expenditures."⁹ Expenditures for hospitals included under "Organized activities related to instructional departments."¹⁰ Expenditures were for federal contract courses.¹¹ Includes current expenditures for physical plant assets. In later years, the educational and general expenditures for physical plant assets are included under "Other general expenditures."¹² Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: The data in this table reflect limitations of data availability and comparability. Major changes in data collection forms in 1965–66 and 1974–75 cause significant data comparability problems among the three mostly consistent time periods, 1929–30 to 1963–64, 1965–66 to 1973–74, and 1974–75 to the present. The largest problems affect Hospitals, Independent operations, Organized research, Other sponsored programs, Extension and public service, and Scholarships and fellowships. Detail may not sum due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States*, 1929–30 through 1959–60; Higher Education General Information Survey (HEGIS), *Financial Statistics of Institutions of Higher Education*, 1969–70 through 1985–86; and Integrated Postsecondary Education Data System, "Finance" surveys, 1986–87 through 1995–96. (This table was prepared October 1998.)

Table 347. Expenditures of public degree-granting institutions, by purpose and type of institution: 2000–01

Type of institution	Current-fund expenditures	Educational and general expenditures					
		Total	Instruction	Research	Public service	Academic support	Student services
1	2	3	4	5	6	7	8
In thousands							
Total	\$170,344,840	\$136,612,739	\$51,824,409	\$18,031,825	\$8,381,261	\$13,328,044	\$8,377,026
4-year	140,578,401	108,663,351	38,925,847	18,011,859	7,654,078	10,811,111	5,380,106
Doctoral, extensive ²	82,256,188	63,820,442	21,083,113	13,917,489	5,245,981	6,174,601	2,423,994
Doctoral, intensive ³	13,920,251	11,279,367	4,342,871	1,680,038	577,178	1,296,599	631,565
Master's ⁴	24,645,204	21,387,344	8,702,583	669,439	940,163	2,350,953	1,807,117
Baccalaureate ⁵	3,109,611	2,673,829	1,079,132	33,865	95,903	285,729	258,546
Specialized institutions ⁶	16,647,147	9,502,369	3,718,148	1,711,029	794,852	703,228	258,886
Art, music, or design	93,213	86,796	33,434	4,938	1,696	7,416	7,229
Engineering or technology	327,220	285,901	118,076	36,617	8,719	27,806	18,364
Medical or other health	14,328,018	7,536,042	3,056,947	1,653,940	760,445	492,132	63,534
Tribal ⁷	55,176	44,171	14,349	326	2,676	1,410	6,687
Other specialized	1,843,521	1,549,460	495,341	15,208	21,317	174,464	163,072
2-year	29,766,440	27,949,388	12,898,562	19,966	727,183	2,516,933	2,996,920
Associate of arts	29,692,756	27,883,551	12,880,696	19,163	725,812	2,509,397	2,989,027
Tribal ⁷	73,684	65,837	17,866	803	1,370	7,536	7,893
Percentage distribution							
Total	100.0	80.2	30.4	10.6	4.9	7.8	4.9
4-year	100.0	77.3	27.7	12.8	5.4	7.7	3.8
Doctoral, extensive ²	100.0	77.6	25.6	16.9	6.4	7.5	2.9
Doctoral, intensive ³	100.0	81.0	31.2	12.1	4.1	9.3	4.5
Master's ⁴	100.0	86.8	35.3	2.7	3.8	9.5	7.3
Baccalaureate ⁵	100.0	86.0	34.7	1.1	3.1	9.2	8.3
Specialized institutions ⁶	100.0	57.1	22.3	10.3	4.8	4.2	1.6
Art, music, or design	100.0	93.1	35.9	5.3	1.8	8.0	7.8
Engineering or technology	100.0	87.4	36.1	11.2	2.7	8.5	5.6
Medical or other health	100.0	52.6	21.3	11.5	5.3	3.4	0.4
Tribal ⁷	100.0	80.1	26.0	0.6	4.9	2.6	12.1
Other specialized	100.0	84.0	26.9	0.8	1.2	9.5	8.8
2-year	100.0	93.9	43.3	0.1	2.4	8.5	10.1
Associate of arts	100.0	93.9	43.4	0.1	2.4	8.5	10.1
Tribal ⁷	100.0	89.4	24.2	1.1	1.9	10.2	10.7
Expenditure per full-time-equivalent student							
Total	\$20,606	16,525	\$6,269	\$2,181	\$1,014	\$1,612	\$1,013
4-year	27,973	21,622	7,746	3,584	1,523	2,151	1,071
Doctoral, extensive ²	37,738	29,280	9,673	6,385	2,407	2,833	1,112
Doctoral, intensive ³	21,290	17,251	6,642	2,570	883	1,983	966
Master's ⁴	13,886	12,051	4,903	377	530	1,325	1,018
Baccalaureate ⁵	12,309	10,584	4,271	134	380	1,131	1,023
Specialized institutions ⁶	101,090	57,703	22,579	10,390	4,827	4,270	1,572
Art, music, or design	28,427	26,470	10,197	1,506	517	2,262	2,205
Engineering or technology	23,794	20,790	8,586	2,663	634	2,022	1,335
Medical or other health	325,371	171,134	69,419	37,559	17,269	11,176	1,443
Tribal ⁷	22,159	17,739	5,763	131	1,075	566	2,686
Other specialized	18,231	15,323	4,899	150	211	1,725	1,613
2-year	9,183	8,623	3,979	6	224	777	925
Associate of arts	9,173	8,614	3,979	6	224	775	923
Tribal ⁷	17,096	15,275	4,145	186	318	1,748	1,831

See notes at end of table.

Table 347. Expenditures of public degree-granting institutions, by purpose and type of institution: 2000-01—Continued

Type of institution	Educational and general expenditures				Auxiliary enterprises	Hospitals	Independent operations ¹	Other
	Institutional support	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers				
1	9	10	11	12	13	14	15	16
In thousands								
Total	\$15,344,522	\$10,973,589	\$7,766,208	\$2,585,857	\$16,377,079	\$16,146,401	\$779,242	\$429,379
4-year	10,822,558	8,174,309	6,586,934	2,296,550	14,655,116	16,146,401	732,410	381,123
Doctoral, extensive ²	5,391,738	4,214,170	3,912,844	1,456,511	9,009,382	9,091,624	113,784	220,956
Doctoral, intensive ³	1,066,245	824,160	697,421	163,291	1,615,136	1,017,611	4,185	3,951
Master's ⁴	2,823,440	1,980,788	1,604,581	508,280	3,215,433	0	14,226	28,200
Baccalaureate ⁵	388,557	273,180	210,507	48,409	426,017	0	655	9,111
Specialized institutions ⁶	1,152,578	882,010	161,580	120,059	389,147	6,037,166	599,561	118,905
Art, music, or design	10,940	9,761	7,239	4,143	6,417	0	0	0
Engineering or technology	28,396	22,803	24,977	145	37,451	0	0	3,868
Medical or other health	817,712	520,337	72,818	98,177	203,585	5,931,457	597,608	59,326
Tribal ⁷	9,808	4,989	3,926	0	1,444	0	1,953	7,609
Other specialized	285,724	324,120	52,620	17,594	140,250	105,709	0	48,102
2-year	4,521,963	2,799,281	1,179,274	289,308	1,721,963	0	46,832	48,256
Associate of arts	4,507,198	2,791,964	1,171,679	288,615	1,718,150	0	46,832	44,222
Tribal ⁷	14,766	7,316	7,595	693	3,813	0	0	4,034
Percentage distribution								
Total	9.0	6.4	4.6	1.5	9.6	9.5	0.5	0.3
4-year	7.7	5.8	4.7	1.6	10.4	11.5	0.5	0.3
Doctoral, extensive ²	6.6	5.1	4.8	1.8	11.0	11.1	0.1	0.3
Doctoral, intensive ³	7.7	5.9	5.0	1.2	11.6	7.3	#	#
Master's ⁴	11.5	8.0	6.5	2.1	13.0	0.0	0.1	0.1
Baccalaureate ⁵	12.5	8.8	6.8	1.6	13.7	0.0	#	0.3
Specialized institutions ⁶	6.9	5.3	1.0	0.7	2.3	36.3	3.6	0.7
Art, music, or design	11.7	10.5	7.8	4.4	6.9	0.0	0.0	0.0
Engineering or technology	8.7	7.0	7.6	0.0	11.4	0.0	0.0	1.2
Medical or other health	5.7	3.6	0.5	0.7	1.4	41.4	4.2	0.4
Tribal ⁷	17.8	9.0	7.1	0.0	2.6	0.0	3.5	13.8
Other specialized	15.5	17.6	2.9	1.0	7.6	5.7	0.0	2.6
2-year	15.2	9.4	4.0	1.0	5.8	0.0	0.2	0.2
Associate of arts	15.2	9.4	3.9	1.0	5.8	0.0	0.2	0.1
Tribal ⁷	20.0	9.9	10.3	0.9	5.2	0.0	0.0	5.5
Expenditure per full-time-equivalent student								
Total	\$1,856	\$1,327	\$939	\$313	\$1,981	\$1,953	\$94	\$52
4-year	2,153	1,627	1,311	457	2,916	3,213	146	76
Doctoral, extensive ²	2,474	1,933	1,795	668	4,133	4,171	52	101
Doctoral, intensive ³	1,631	1,261	1,067	250	2,470	1,556	6	6
Master's ⁴	1,591	1,116	904	286	1,812	0	8	16
Baccalaureate ⁵	1,538	1,081	833	192	1,686	0	3	36
Specialized institutions ⁶	6,999	5,356	981	729	2,363	36,661	3,641	722
Art, music, or design	3,336	2,977	2,208	1,264	1,957	0	0	0
Engineering or technology	2,065	1,658	1,816	11	2,723	0	0	281
Medical or other health	18,569	11,816	1,654	2,229	4,623	134,696	13,571	1,347
Tribal ⁷	3,939	2,004	1,577	0	580	0	784	3,056
Other specialized	2,826	3,205	520	174	1,387	1,045	0	476
2-year	1,395	864	364	89	531	0	14	15
Associate of arts	1,392	863	362	89	531	0	14	14
Tribal ⁷	3,426	1,697	1,762	161	885	0	0	936

Rounds to zero.
¹ Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).
² Doctoral, extensive institutions are committed to graduate education through the doctorate, and award 50 or more doctoral degrees per year across at least 15 disciplines.
³ Doctoral, intensive institutions are committed to education through the doctorate and award at least 10 doctoral degrees per year across 3 or more disciplines or at least 20 doctoral degrees overall.
⁴ Master's institutions offer a full range of baccalaureate programs and are committed to education through the master's degree. They award at least 20 master's degrees per year.
⁵ Baccalaureate institutions primarily emphasize undergraduate education.
⁶ Specialized 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology and engineering. Other specialized includes

some institutions which have 4-year programs, but have not reported sufficient data to identify program category. Other specialized also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie classification system because they primarily award associate degrees.
⁷ Tribally controlled colleges are located on reservations and are members of the American Indian Higher Education Consortium.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 and Spring 2002 surveys. (This table was prepared October 2003.)

Table 348. Current-fund expenditures of public degree-granting institutions, by purpose: Selected years, 1980–81 to 2000–01

Purpose	1980–81	1985–86	1990–91	1995–96	1996–97	1997–98	1998–99 ¹	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10
In thousands									
Total current-fund expenditures	\$42,279,806	\$63,193,853	\$92,961,093	\$119,524,500	\$125,428,736	\$132,846,205	\$140,538,586	\$152,324,948	\$170,344,840
Educational and general expenditures	34,173,013	50,872,962	74,395,428	96,085,623	101,026,553	106,740,858	113,594,381	122,708,551	136,612,739
Instruction	14,849,822	21,880,782	31,371,394	38,653,245	40,272,894	42,149,852	44,300,187	47,215,750	51,824,409
Research	3,813,350	5,705,144	9,364,213	12,076,357	12,708,360	13,415,392	14,308,155	15,999,142	18,031,825
Public service	1,718,924	2,515,734	3,990,232	5,321,014	5,697,527	6,111,046	6,764,341	7,421,841	8,381,261
Academic support	3,029,284	4,693,543	6,933,847	9,004,113	9,587,779	10,280,536	11,188,644	12,087,782	13,328,044
Libraries	1,187,116	1,685,052	2,167,161	2,690,547	2,836,286	2,929,549	3,098,540	—	—
Student services	1,950,566	2,921,758	4,398,365	5,810,403	6,177,234	6,611,180	7,053,197	7,636,530	8,377,026
Institutional support	3,563,194	5,667,144	8,030,642	10,710,279	11,213,870	11,842,815	12,730,698	13,768,079	15,344,522
Operation and maintenance of plant	3,681,921	5,177,254	6,655,605	8,005,101	8,265,279	8,572,699	8,953,015	9,710,370	10,973,589
Scholarships and fellowships	1,064,864	1,575,909	2,688,532	5,084,653	5,554,360	5,947,587	6,417,812	6,785,423	7,766,208
From unrestricted funds	367,476	696,973	1,270,158	2,457,139	2,734,268	2,944,138	3,168,528	—	—
From restricted funds ²	697,388	878,935	1,418,374	2,627,514	2,820,091	3,003,449	3,249,284	—	—
Mandatory transfers	501,087	735,695	962,598	1,420,459	1,549,250	1,809,751	1,878,331	2,083,634	2,585,857
Auxiliary enterprises	4,658,140	6,830,235	9,049,935	11,309,031	12,031,612	12,819,009	13,566,912	14,448,423	16,377,079
Mandatory transfers	344,043	410,777	623,146	793,125	842,635	844,478	862,449	—	—
Hospitals	3,377,972	5,358,699	9,315,902	11,878,939	12,111,616	12,964,071	13,058,104	14,057,107	16,146,401
Mandatory transfers	26,613	75,569	195,961	213,387	293,030	285,820	251,306	—	—
Independent operations (FFRDC) ³	70,681	131,956	199,827	250,906	258,955	322,267	319,188	533,868	779,242
Mandatory transfers	322	846	1,201	1,343	1,172	1,379	#	—	—
Other current expenditures	†	†	†	†	†	†	†	576,999	429,379
Percentage distribution									
Total current-fund expenditures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Educational and general expenditures	80.8	80.5	80.0	80.4	80.5	80.3	80.8	80.6	80.2
Instruction	35.1	34.6	33.7	32.3	32.1	31.7	31.5	31.0	30.4
Research	9.0	9.0	10.1	10.1	10.1	10.1	10.2	10.5	10.6
Public service	4.1	4.0	4.3	4.5	4.5	4.6	4.8	4.9	4.9
Academic support	7.2	7.4	7.5	7.5	7.6	7.7	8.0	7.9	7.8
Libraries	2.8	2.7	2.3	2.3	2.3	2.2	2.2	—	—
Student services	4.6	4.6	4.7	4.9	4.9	5.0	5.0	5.0	4.9
Institutional support	8.4	9.0	8.6	9.0	8.9	8.9	9.1	9.0	9.0
Operation and maintenance of plant	8.7	8.2	7.2	6.7	6.6	6.5	6.4	6.4	6.4
Scholarships and fellowships	2.5	2.5	2.9	4.3	4.4	4.5	4.6	4.5	4.6
From unrestricted funds	0.9	1.1	1.4	2.1	2.2	2.2	2.3	—	—
From restricted funds ²	1.6	1.4	1.5	2.2	2.2	2.3	2.3	—	—
Mandatory transfers	1.2	1.2	1.0	1.2	1.2	1.4	1.3	1.4	1.5
Auxiliary enterprises	11.0	10.8	9.7	9.5	9.6	9.6	9.7	9.5	9.6
Mandatory transfers	0.8	0.7	0.7	0.7	0.7	0.6	0.6	—	—
Hospitals	8.0	8.5	10.0	9.9	9.7	9.8	9.3	9.2	9.5
Mandatory transfers	0.1	0.1	0.2	0.2	0.2	0.2	0.2	—	—
Independent operations (FFRDC) ³	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5
Mandatory transfers	#	#	#	#	#	#	#	—	—
Other current expenditures	†	†	†	†	†	†	†	0.4	0.3

—Not available.
 † Not applicable.
 # Rounds to zero.
¹ Data imputed using alternative procedures.
² Excludes Pell Grants.
³ Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

Education. The new degree-granting institution is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education," surveys, 1980–81 and 1985–86; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1990–91 through 1999–2000, and Spring 2002 survey. (This table was prepared October 2003.)

NOTE: Data for 1980–81 to 1990–91 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of

Table 349. Educational and general expenditures of degree-granting public universities, by purpose: Selected years, 1976–77 to 2000–01

Year	Total	Instruction	Administration ¹	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
Expenditures, in thousands of current dollars										
1976–77	\$9,413,626	\$3,670,554	\$1,222,410	\$346,906	\$1,727,807	\$331,614	\$763,809	\$857,677	\$377,749	\$115,099
1977–78	10,220,191	4,009,870	1,344,538	388,262	1,896,578	343,198	803,309	938,952	389,682	105,803
1978–79	11,284,191	4,408,025	1,478,568	419,231	2,136,135	363,875	920,726	1,046,740	396,356	114,533
1979–80	12,540,072	4,860,411	1,572,523	473,460	2,444,471	463,642	1,012,376	1,148,942	439,461	124,786
1980–81	13,951,029	5,374,271	1,795,504	525,891	2,743,145	451,978	1,158,512	1,270,339	492,225	139,164
1981–82	15,077,263	5,852,958	1,974,219	566,366	2,903,178	488,939	1,223,417	1,412,557	525,498	130,131
1982–83	16,089,168	6,247,358	2,107,933	604,657	3,086,846	528,470	1,300,353	1,512,947	562,903	137,702
1983–84	17,234,711	6,646,501	2,263,565	643,614	3,295,053	577,136	1,385,191	1,627,702	624,642	171,306
1984–85	18,960,810	7,257,618	2,598,784	701,451	3,682,755	609,365	1,519,324	1,745,825	677,533	168,155
1985–86	20,716,657	7,807,522	2,882,006	762,324	4,076,258	669,253	1,664,917	1,831,618	780,080	242,679
1986–87	22,023,387	8,368,187	3,088,348	819,829	4,399,405	677,531	1,725,613	1,829,880	847,328	267,266
1987–88	23,848,427	8,902,624	3,311,806	889,528	4,911,929	762,858	1,857,008	1,934,489	949,438	328,746
1988–89	26,138,665	9,623,797	3,638,424	975,801	5,476,936	813,888	2,096,267	2,069,744	1,096,447	347,362
1989–90	28,338,312	10,364,088	3,927,198	1,047,364	6,030,489	871,279	2,273,699	2,222,046	1,211,690	390,458
1990–91	30,367,325	11,012,373	4,157,677	1,103,058	6,599,209	906,506	2,479,956	2,305,115	1,367,754	435,676
1991–92	31,565,791	11,373,749	4,198,990	1,161,633	6,937,360	946,098	2,609,520	2,323,220	1,556,868	458,354
1992–93	32,836,061	11,708,500	4,317,605	1,211,143	7,330,922	959,306	2,714,785	2,365,942	1,734,530	493,328
1993–94	34,318,548	12,115,695	4,578,770	1,273,008	7,676,832	1,006,301	2,784,869	2,459,895	1,909,173	514,006
1994–95	36,255,063	12,837,030	4,814,366	1,348,617	8,082,388	1,096,566	2,943,284	2,526,104	2,057,116	549,593
1995–96	37,693,678	13,289,323	5,146,842	1,419,733	8,211,609	1,134,159	3,082,968	2,596,786	2,235,290	576,968
1996–97	39,353,941	13,813,628	5,404,019	1,480,850	8,526,355	1,186,456	3,232,115	2,691,399	2,411,021	608,098
1997–98	41,551,927	14,485,538	5,797,811	1,577,692	9,002,477	1,240,490	3,410,642	2,810,812	2,576,976	649,488
1998–99 ²	44,002,614	15,121,131	6,215,758	1,650,929	9,654,840	1,322,548	3,713,609	2,907,790	2,758,790	657,220
1999–2000	47,249,323	16,049,830	³ 8,081,443	1,777,295	10,565,908	—	3,959,248	3,093,295	3,001,466	720,838
2000–01	50,655,088	17,241,756	³ 8,617,036	1,892,995	11,374,419	—	4,249,497	3,338,297	3,212,858	728,229
Percentage distribution										
1976–77	100.0	39.0	13.0	3.7	18.4	3.5	8.1	9.1	4.0	1.2
1980–81	100.0	38.5	12.9	3.8	19.7	3.2	8.3	9.1	3.5	1.0
1985–86	100.0	37.7	13.9	3.7	19.7	3.2	8.0	8.8	3.8	1.2
1986–87	100.0	38.0	14.0	3.7	20.0	3.1	7.8	8.3	3.8	1.2
1987–88	100.0	37.3	13.9	3.7	20.6	3.2	7.8	8.1	4.0	1.4
1988–89	100.0	36.8	13.9	3.7	21.0	3.1	8.0	7.9	4.2	1.3
1989–90	100.0	36.6	13.9	3.7	21.3	3.1	8.0	7.8	4.3	1.4
1990–91	100.0	36.3	13.7	3.6	21.7	3.0	8.2	7.6	4.5	1.4
1991–92	100.0	36.0	13.3	3.7	22.0	3.0	8.3	7.4	4.9	1.5
1992–93	100.0	35.7	13.1	3.7	22.3	2.9	8.3	7.2	5.3	1.5
1993–94	100.0	35.3	13.3	3.7	22.4	2.9	8.1	7.2	5.6	1.5
1994–95	100.0	35.4	13.3	3.7	22.3	3.0	8.1	7.0	5.7	1.5
1995–96	100.0	35.3	13.7	3.8	21.8	3.0	8.2	6.9	5.9	1.5
1996–97	100.0	35.1	13.7	3.8	21.7	3.0	8.2	6.8	6.1	1.5
1997–98	100.0	34.9	14.0	3.8	21.7	3.0	8.2	6.8	6.2	1.6
1998–99 ²	100.0	34.4	14.1	3.8	21.9	3.0	8.4	6.6	6.3	1.5
1999–2000	100.0	34.0	³ 17.1	3.8	22.4	—	8.4	6.5	6.4	1.5
2000–01	100.0	34.0	³ 17.0	3.7	22.5	—	8.4	6.6	6.3	1.4
Expenditure per full-time-equivalent student in constant 2000–01 dollars										
1976–77	\$15,999	\$6,238	\$2,078	\$590	\$2,937	\$564	\$1,298	\$1,458	\$642	\$196
1980–81	15,402	5,933	1,982	581	3,028	499	1,279	1,402	543	154
1985–86	18,214	6,864	2,534	670	3,584	588	1,464	1,610	686	213
1986–87	18,847	7,161	2,643	702	3,765	580	1,477	1,566	725	229
1987–88	19,388	7,238	2,692	723	3,993	620	1,510	1,573	772	267
1988–89	19,885	7,321	2,768	742	4,167	619	1,595	1,575	834	264
1989–90	20,257	7,409	2,807	749	4,311	623	1,625	1,588	866	279
1990–91	20,391	7,395	2,792	741	4,431	609	1,665	1,548	918	293
1991–92	20,348	7,332	2,707	749	4,472	610	1,682	1,498	1,004	295
1992–93	20,806	7,419	2,736	767	4,645	608	1,720	1,499	1,099	313
1993–94	21,391	7,552	2,854	793	4,785	627	1,736	1,533	1,190	320
1994–95	22,060	7,811	2,929	821	4,918	667	1,791	1,537	1,252	334
1995–96	22,326	7,871	3,048	841	4,864	672	1,826	1,538	1,324	342
1996–97	22,693	7,966	3,116	854	4,917	684	1,864	1,552	1,390	351
1997–98	23,327	8,132	3,255	886	5,054	696	1,915	1,578	1,447	365
1998–99 ²	24,007	8,250	3,391	901	5,267	722	2,026	1,586	1,505	359
1999–2000	24,770	8,414	³ 4,237	932	5,539	—	2,076	1,622	1,573	378
2000–01	25,425	8,654	³ 4,325	950	5,709	—	2,133	1,676	1,613	366

—Not available.

¹ Includes institutional and academic support less libraries.² Data imputed using alternative procedures.³ Includes libraries.

NOTE: Data in this table may differ slightly from data appearing in other tables. Data for 1976–77 through 1985–86 include only institutions which provided both enrollment and finance data. The Consumer Price Index was used to convert the per student figures to constant dollars. Data for 1976–77 to 1995–96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2–

year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys, 1976–77 through 1985–86 and "Fall Enrollment in Colleges and Universities" surveys, 1976 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1986–87 through 1999–2000, and "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and Spring 2002 surveys; and U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index. (This table was prepared October 2003.)

Table 350. Educational and general expenditures of public degree-granting 4-year colleges (excluding universities), by purpose: Selected years, 1976-77 to 2000-01

Year	Total	Instruction	Administration ¹	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
Expenditures, in thousands of current dollars										
1976-77	\$8,682,538	\$4,027,051	\$1,445,651	\$500,832	\$607,235	\$340,002	\$250,152	\$1,001,848	\$338,432	\$171,335
1977-78	9,568,977	4,423,487	1,598,092	572,193	677,414	369,408	274,314	1,118,393	332,899	202,777
1978-79	10,455,134	4,770,598	1,789,534	651,541	786,072	395,299	301,387	1,214,996	337,588	208,119
1979-80	11,750,398	5,271,621	2,029,327	733,557	937,874	448,190	359,467	1,375,308	383,036	212,019
1980-81	13,139,618	5,890,759	2,258,987	807,249	1,043,614	511,817	407,816	1,563,514	412,972	242,890
1981-82	14,321,586	6,537,888	2,518,182	834,225	1,086,146	536,080	440,736	1,738,210	403,069	227,050
1982-83	15,286,145	6,980,269	2,660,360	904,745	1,150,011	559,353	469,841	1,857,151	450,067	254,349
1983-84	16,538,128	7,464,035	3,013,666	1,041,488	1,246,289	622,879	513,732	1,873,628	473,503	288,908
1984-85	18,333,578	8,211,171	3,370,676	1,140,312	1,420,844	669,518	603,018	2,137,225	489,188	291,626
1985-86	19,860,947	8,945,373	3,658,627	1,235,418	1,618,737	712,112	648,178	2,118,522	569,841	354,139
1986-87	21,490,078	9,608,239	4,019,850	1,318,666	1,846,712	695,692	766,865	2,226,599	660,940	346,515
1987-88	23,124,455	10,310,532	4,261,440	1,434,726	2,053,638	774,274	864,347	2,340,495	711,704	373,299
1988-89	24,639,653	10,991,086	4,496,286	1,504,869	2,305,152	813,801	941,434	2,429,103	754,412	403,508
1989-90	27,210,634	12,079,093	5,076,792	1,648,526	2,525,080	888,526	1,088,113	2,607,385	871,944	425,175
1990-91	28,903,790	12,818,677	5,374,417	1,800,723	2,745,613	888,162	1,145,892	2,728,949	963,436	437,921
1991-92	30,720,827	13,270,992	5,805,724	1,868,329	2,986,474	945,097	1,310,700	2,782,200	1,248,220	503,091
1992-93	33,119,294	13,906,211	6,416,859	2,164,309	3,246,542	979,635	1,447,684	2,960,373	1,457,901	539,779
1993-94	34,477,869	14,519,321	6,477,847	2,135,560	3,473,971	1,018,304	1,525,406	3,084,509	1,685,785	557,166
1994-95	36,659,833	15,321,392	6,909,606	2,236,127	3,717,964	1,084,945	1,647,855	3,175,330	1,884,283	682,332
1995-96	38,119,559	15,601,767	7,504,314	2,216,700	3,841,169	1,106,662	1,761,705	3,328,799	2,069,178	689,265
1996-97	40,680,937	16,488,113	7,874,685	2,497,294	4,159,429	1,191,916	1,956,090	3,440,779	2,314,324	758,307
1997-98	42,944,416	17,141,283	8,363,150	2,665,055	4,395,739	1,222,201	2,168,203	3,533,724	2,492,779	962,282
1998-99 ²	45,715,607	18,036,596	9,108,573	2,841,359	4,635,809	1,294,269	2,471,179	3,659,613	2,676,213	991,997
1999-2000	49,679,435	19,124,615	³ 11,324,906	3,086,221	5,408,754	—	2,828,531	4,030,008	2,772,452	1,103,948
2000-01	58,008,263	21,684,091	³ 13,016,633	3,487,111	6,637,440	—	3,404,581	4,836,012	3,374,075	1,568,321
Percentage distribution										
1976-77	100.0	46.4	16.7	5.8	7.0	3.9	2.9	11.5	3.9	2.0
1980-81	100.0	44.8	17.2	6.1	7.9	3.9	3.1	11.9	3.1	1.8
1985-86	100.0	45.0	18.4	6.2	8.2	3.6	3.3	10.7	2.9	1.8
1989-90	100.0	44.4	18.7	6.1	9.3	3.3	4.0	9.6	3.2	1.6
1990-91	100.0	44.3	18.6	6.2	9.5	3.1	4.0	9.4	3.3	1.5
1991-92	100.0	43.2	18.9	6.1	9.7	3.1	4.3	9.1	4.1	1.6
1992-93	100.0	42.0	19.4	6.5	9.8	3.0	4.4	8.9	4.4	1.6
1993-94	100.0	42.1	18.8	6.2	10.1	3.0	4.4	8.9	4.9	1.6
1994-95	100.0	41.8	18.8	6.1	10.1	3.0	4.5	8.7	5.1	1.9
1995-96	100.0	40.9	19.7	5.8	10.1	2.9	4.6	8.7	5.4	1.8
1996-97	100.0	40.5	19.4	6.1	10.2	2.9	4.8	8.5	5.7	1.9
1997-98	100.0	39.9	19.5	6.2	10.2	2.8	5.0	8.2	5.8	2.2
1998-99 ²	100.0	39.5	19.9	6.2	10.1	2.8	5.4	8.0	5.9	2.2
1999-2000	100.0	38.5	³ 22.8	6.2	10.9	—	5.7	8.1	5.6	2.2
2000-01	100.0	37.4	³ 22.4	6.0	11.4	—	5.9	8.3	5.8	2.7
Expenditure per full-time-equivalent student in constant 2000-01 dollars										
1976-77	\$11,666	\$5,411	\$1,942	\$673	\$816	\$457	\$336	\$1,346	\$455	\$230
1980-81	11,490	5,151	1,975	706	913	448	357	1,367	361	212
1985-86	13,263	5,974	2,443	825	1,081	476	433	1,415	381	236
1986-87	13,483	6,028	2,522	827	1,159	436	481	1,397	415	217
1987-88	13,778	6,143	2,539	855	1,224	461	515	1,394	424	222
1988-89	13,656	6,092	2,492	834	1,278	451	522	1,346	418	224
1989-90	13,945	6,190	2,602	845	1,294	455	558	1,336	447	218
1990-91	13,531	6,001	2,516	843	1,285	416	536	1,278	451	205
1991-92	13,751	5,940	2,599	836	1,337	423	587	1,245	559	225
1992-93	14,231	5,975	2,757	930	1,395	421	622	1,272	626	232
1993-94	14,513	6,112	2,727	899	1,462	429	642	1,298	710	235
1994-95	15,046	6,288	2,836	918	1,526	445	676	1,303	773	280
1995-96	15,191	6,217	2,990	883	1,531	441	702	1,327	825	275
1996-97	15,693	6,360	3,038	963	1,605	460	755	1,327	893	293
1997-98	16,111	6,431	3,138	1,000	1,649	459	813	1,326	935	361
1998-99 ²	16,669	6,577	3,321	1,036	1,690	472	901	1,334	976	362
1999-2000	17,291	6,656	³ 3,942	1,074	1,882	—	984	1,403	965	384
2000-01	19,124	7,149	³ 4,291	1,150	2,188	—	1,122	1,594	1,112	517

—Not available.

¹ Includes institutional and academic support less libraries.

² Data imputed using alternative procedures.

³ Includes libraries.

NOTE: This table excludes universities. See preceding table for university data. Data in this table may differ slightly from data appearing in other tables. Data for 1976-77 through 1985-86 include only institutions which provided both enrollment and finance data. The Consumer Price Index was used to convert the per student figures to constant dollars. Data for 1976-77 to 1995-96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher edu-

cation classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys, 1976-77 through 1985-86, and "Fall Enrollment in Colleges and Universities" surveys, 1976 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1986-87 through 1999-2000, and "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and Spring 2002 surveys; and U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index. (This table was prepared October 2003.)

Table 351. Educational and general expenditures of degree-granting public 2-year colleges, by purpose: Selected years, 1976–77 to 2000–01

Year	Total	Instruction	Administration ¹	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
Expenditures, in thousands of current dollars										
1976–77	\$4,875,998	\$2,490,274	\$882,813	\$409,217	\$15,698	\$171,409	\$97,635	\$547,515	\$142,827	\$118,610
1977–78	5,336,153	2,700,489	1,035,206	437,060	9,333	188,201	112,944	605,464	117,996	129,458
1978–79	5,734,611	2,877,651	1,119,840	482,323	21,289	193,703	110,918	650,447	127,633	150,807
1979–80	6,334,777	3,185,815	1,204,082	547,457	26,288	202,583	141,000	743,014	147,865	136,672
1980–81	7,063,474	3,575,743	1,347,020	615,869	26,591	222,391	152,597	844,781	159,474	119,008
1981–82	7,757,435	3,947,065	1,473,733	684,650	15,632	262,697	147,385	952,691	160,109	113,473
1982–83	8,292,446	4,218,388	1,620,644	741,179	18,090	248,682	123,722	1,016,267	175,069	130,403
1983–84	8,820,575	4,481,854	1,748,535	775,084	18,189	263,485	150,109	1,076,371	178,500	128,448
1984–85	9,560,507	4,806,050	1,929,968	841,101	15,591	278,363	193,903	1,156,074	207,975	131,482
1985–86	10,252,955	5,116,884	2,122,060	920,299	10,136	295,691	202,440	1,220,646	225,979	138,820
1986–87	10,845,969	5,382,631	2,363,275	1,020,496	12,508	246,131	235,115	1,252,152	243,402	90,258
1987–88	11,666,586	5,741,049	2,479,661	1,157,858	11,358	316,278	264,809	1,326,748	280,247	88,578
1988–89	12,666,590	6,278,809	2,727,058	1,197,748	14,864	328,809	314,250	1,414,420	299,491	91,142
1989–90	13,875,566	6,909,109	2,977,932	1,344,339	19,213	353,165	336,927	1,526,086	314,906	93,889
1990–91	15,124,313	7,540,344	3,265,233	1,494,583	19,390	372,492	364,384	1,621,542	357,343	89,001
1991–92	16,267,915	8,183,678	3,408,080	1,660,958	24,747	393,325	365,281	1,684,796	450,572	96,477
1992–93	17,255,624	8,645,466	3,598,745	1,797,787	27,510	390,684	400,927	1,750,489	535,406	108,610
1993–94	18,342,808	9,053,480	3,858,066	1,906,802	29,560	424,504	431,444	1,888,780	627,964	122,207
1994–95	19,258,872	9,440,773	4,053,662	2,029,268	29,313	433,098	443,306	1,967,485	720,624	141,342
1995–96	20,272,387	9,762,155	4,372,689	2,173,970	23,580	449,726	476,341	2,079,516	780,184	154,226
1996–97	20,991,675	9,971,153	4,686,659	2,199,091	22,576	457,913	509,322	2,133,100	829,015	182,845
1997–98	22,244,515	10,523,031	5,032,840	2,368,433	17,176	466,858	532,201	2,228,163	877,832	197,982
1998–99 ²	23,876,160	11,142,461	5,496,470	2,560,909	17,507	481,724	579,554	2,385,612	982,809	229,114
1999–2000	25,779,793	12,041,306	³ 6,449,513	2,773,014	24,479	—	634,062	2,587,067	1,011,505	258,847
2000–01	27,949,388	12,898,562	³ 7,038,896	2,996,920	19,966	—	727,183	2,799,281	1,179,274	289,308
Percentage distribution										
1976–77	100.0	51.1	18.1	8.4	0.3	3.5	2.0	11.2	2.9	2.4
1980–81	100.0	50.6	19.1	8.7	0.4	3.1	2.2	12.0	2.3	1.7
1985–86	100.0	49.9	20.7	9.0	0.1	2.9	2.0	11.9	2.2	1.4
1989–90	100.0	49.8	21.5	9.7	0.1	2.5	2.4	11.0	2.3	0.7
1990–91	100.0	49.9	21.6	9.9	0.1	2.5	2.4	10.7	2.4	0.6
1991–92	100.0	50.3	20.9	10.2	0.2	2.4	2.2	10.4	2.8	0.6
1992–93	100.0	50.1	20.9	10.4	0.2	2.3	2.3	10.1	3.1	0.6
1993–94	100.0	49.4	21.0	10.4	0.2	2.3	2.4	10.3	3.4	0.7
1994–95	100.0	49.0	21.0	10.5	0.2	2.2	2.3	10.2	3.7	0.7
1995–96	100.0	48.2	21.6	10.7	0.1	2.2	2.3	10.3	3.8	0.8
1996–97	100.0	47.5	22.3	10.5	0.1	2.2	2.4	10.2	3.9	0.9
1997–98	100.0	47.3	22.6	10.6	0.1	2.1	2.4	10.0	3.9	0.9
1998–99 ²	100.0	46.7	23.0	10.7	0.1	2.0	2.4	10.0	4.1	1.0
1999–2000	100.0	46.7	³ 25.0	10.8	0.1	—	2.5	10.0	3.9	1.0
2000–01	100.0	46.1	³ 25.2	10.7	0.1	—	2.6	10.0	4.2	1.0
Expenditure per full-time-equivalent student in constant 2000–01 dollars										
1976–77	\$6,080	\$3,105	\$1,101	\$510	\$20	\$214	\$122	\$683	\$178	\$148
1980–81	5,629	2,850	1,074	491	21	177	122	673	127	95
1985–86	6,569	3,278	1,360	590	6	189	130	782	145	89
1986–87	7,021	3,485	1,530	661	8	159	152	811	158	58
1987–88	6,938	3,414	1,475	689	7	188	157	789	167	53
1988–89	7,063	3,501	1,521	668	8	183	175	789	167	51
1989–90	6,953	3,462	1,492	674	10	177	169	765	158	47
1990–91	7,017	3,499	1,515	693	9	173	169	752	166	41
1991–92	6,719	3,380	1,408	686	10	162	151	696	186	40
1992–93	6,808	3,411	1,420	709	11	154	158	691	211	43
1993–94	7,210	3,559	1,517	750	12	167	170	742	247	48
1994–95	7,387	3,621	1,555	778	11	166	170	755	276	54
1995–96	7,672	3,694	1,655	823	9	170	180	787	295	58
1996–97	7,639	3,629	1,706	800	8	167	185	776	302	67
1997–98	7,880	3,728	1,783	839	6	165	189	789	311	70
1998–99 ²	8,437	3,937	1,942	905	6	170	205	843	347	81
1999–2000	8,669	4,049	³ 2,169	933	8	—	213	870	340	87
2000–01	8,623	3,979	³ 2,172	925	6	—	224	864	364	89

—Not available.

¹ Includes institutional and academic support less libraries.² Data imputed using alternative procedures.³ Includes libraries.

NOTE: Data in this table may differ slightly from data appearing in other tables. Data for 1976–77 through 1985–86 include only institutions which provided both enrollment and finance data. The Consumer Price Index was used to convert the per student figures to constant dollars. Data for 1976–77 to 1995–96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-

year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys, 1976–77 through 1985–86, and "Fall Enrollment in Colleges and Universities" surveys, 1976 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1986–87 through 1999–2000, and "Fall Enrollment" surveys, 1986 through 1999, and Spring 2001 and Spring 2002 surveys; and U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index. (This table was prepared October 2003.)

Table 352. Current-fund expenditures of public degree-granting institutions, by state or jurisdiction: Selected years, 1980–81 to 2000–01

[In thousands of dollars]

State or jurisdiction	Institutions of higher education ¹				Degree-granting institutions ²						Percent change, 1995–96 to 2000–01
	1980–81	1985–86	1990–91	1994–95	1995–96	1996–97	1997–98	1998–99 ³	1999–2000	2000–01	
1	2	3	4	5	6	7	8	9	10	11	12
United States	\$42,279,806	\$63,193,853	\$92,961,093	\$115,464,975	\$119,524,500	\$125,428,736	\$132,846,205	\$140,538,586	\$152,324,948	\$170,344,840	42.5
Alabama	839,366	1,324,774	2,054,798	2,648,077	2,715,643	2,840,619	3,013,873	3,202,503	3,337,958	3,508,298	29.2
Alaska	158,700	224,042	289,606	336,584	352,811	344,723	349,939	361,140	385,553	432,793	22.7
Arizona	691,481	1,017,203	1,586,891	1,854,180	1,976,169	2,070,170	2,232,166	2,350,274	2,508,136	2,677,742	35.5
Arkansas	340,621	528,831	797,291	1,070,668	1,181,083	1,247,987	1,318,057	1,430,166	1,528,643	1,636,672	38.6
California	5,775,482	8,515,440	12,023,304	13,899,338	14,284,348	15,489,455	16,349,033	17,894,180	20,204,478	22,674,570	58.7
Colorado	738,363	1,057,558	1,452,137	1,862,438	1,974,306	2,077,034	2,257,920	2,358,290	2,440,045	2,630,166	33.2
Connecticut	367,850	562,696	886,846	1,134,014	1,168,038	1,193,722	1,301,238	1,419,257	1,568,490	1,621,083	38.8
Delaware	158,332	229,377	367,012	469,085	491,597	510,290	542,429	578,210	606,042	625,737	27.3
District of Columbia	71,791	80,764	97,556	99,351	103,072	92,985	69,345	83,575	81,990	91,938	-10.8
Florida	1,170,305	1,782,180	2,896,046	3,549,470	3,714,984	3,968,197	4,235,932	4,634,378	4,947,847	5,442,666	46.5
Georgia	754,060	1,255,964	1,929,993	2,728,682	2,835,505	3,043,813	3,337,172	3,506,991	3,955,764	4,049,036	42.8
Hawaii	222,718	312,248	498,307	653,303	634,970	638,096	684,248	688,307	679,287	673,605	16.2
Idaho	166,844	238,438	353,561	473,733	510,601	530,013	556,349	603,889	626,644	685,758	34.3
Illinois	1,780,403	2,571,409	3,528,967	4,293,437	4,498,142	4,712,347	4,942,580	5,217,493	5,525,410	5,932,860	31.9
Indiana	1,064,395	1,602,203	2,391,173	2,967,184	2,783,027	3,021,556	3,298,268	3,429,404	3,633,100	3,852,626	38.4
Iowa	767,590	1,092,542	1,734,476	2,051,631	2,163,536	2,233,470	2,368,381	2,478,128	2,612,023	2,603,053	20.3
Kansas	579,857	848,602	1,190,573	1,495,926	1,547,154	1,587,212	1,692,700	1,687,445	1,734,127	1,830,606	18.3
Kentucky	673,775	898,718	1,400,529	1,663,738	1,779,945	1,994,760	2,061,525	2,235,257	2,442,117	2,589,557	45.5
Louisiana	716,702	1,039,177	1,439,415	1,909,675	1,970,177	2,056,770	2,890,392	3,051,898	3,236,605	3,293,683	67.2
Maine	153,658	216,737	355,074	391,269	407,819	431,850	442,573	475,783	507,930	549,851	34.8
Maryland	795,100	1,064,430	1,684,341	1,997,636	2,136,898	2,309,739	2,490,326	2,567,437	2,920,899	3,141,491	47.0
Massachusetts	553,019	980,585	1,435,063	1,557,225	1,647,254	1,739,959	1,915,680	1,992,772	2,149,182	2,337,046	41.9
Michigan	2,053,795	2,946,336	4,416,914	5,395,757	5,653,791	5,980,104	6,293,933	6,658,103	7,329,879	7,966,990	40.9
Minnesota	876,632	1,324,691	2,012,225	2,624,464	2,694,395	2,583,477	2,607,348	2,763,990	2,898,495	3,076,832	14.2
Mississippi	539,222	706,380	978,366	1,358,795	1,440,692	1,490,260	1,636,580	1,816,580	2,008,628	2,111,975	46.6
Missouri	687,643	999,869	1,453,608	1,836,878	1,994,150	2,117,072	2,257,626	2,402,362	2,617,736	2,836,688	42.3
Montana	121,894	182,102	254,175	376,618	402,792	443,314	450,665	474,278	507,851	552,708	37.2
Nebraska	378,928	537,858	848,778	1,076,670	1,143,547	1,218,519	1,089,700	1,158,111	1,225,449	1,259,443	10.1
Nevada	111,347	180,107	330,592	447,901	505,518	547,065	597,026	648,485	701,413	757,424	49.8
New Hampshire	134,391	183,959	281,542	371,554	390,816	405,304	424,077	439,768	469,642	500,329	28.0
New Jersey	903,169	1,406,490	2,309,968	2,982,535	3,064,901	3,147,805	3,276,738	3,479,536	3,853,074	4,127,205	34.7
New Mexico	325,960	456,600	896,299	1,278,741	1,329,422	1,439,205	1,502,684	1,609,904	1,727,683	1,777,683	30.0
New York	2,519,104	3,802,602	5,605,621	6,922,118	6,728,593	6,872,196	7,180,732	7,170,827	7,798,717	13,541,832	101.3
North Carolina	1,128,383	1,799,173	2,581,156	3,406,215	3,538,606	3,791,447	4,057,906	4,335,879	4,665,386	5,062,536	43.1
North Dakota	192,046	288,214	367,959	456,730	440,332	450,580	472,760	481,388	457,364	450,570	17.3
Ohio	1,784,754	2,718,408	4,084,840	4,907,686	4,818,930	4,880,235	5,248,688	5,521,383	6,010,509	6,433,761	33.5
Oklahoma	583,174	844,829	1,057,248	1,263,002	1,329,938	1,458,358	1,592,465	1,698,453	1,904,467	2,129,124	60.1
Oregon	642,411	880,696	1,329,794	1,756,424	1,815,638	1,984,619	2,107,519	2,270,364	2,503,013	2,699,552	48.7
Pennsylvania	1,544,586	2,392,145	3,602,685	4,506,833	4,781,347	4,919,829	4,961,929	5,303,351	5,678,716	6,454,947	35.0
Rhode Island	158,365	213,253	292,199	344,457	353,270	368,598	376,190	401,526	421,526	451,179	27.7
South Carolina	617,963	951,848	1,475,074	1,817,631	1,903,952	2,020,736	2,192,724	2,311,108	2,515,415	2,194,033	15.2
South Dakota	124,103	149,092	197,853	252,443	290,868	294,514	319,705	335,243	350,211	382,250	31.4
Tennessee	665,885	1,081,052	1,585,614	2,042,171	2,062,547	2,126,871	2,185,603	2,286,000	2,258,072	2,430,880	17.9
Texas	2,736,276	4,375,082	5,959,584	7,817,433	8,300,915	8,758,306	9,313,169	9,843,327	10,280,078	12,744,081	53.5
Utah	405,314	669,714	993,625	1,354,017	1,442,592	1,536,120	1,654,048	1,867,303	1,978,429	2,085,409	44.6
Vermont	122,708	188,112	274,746	316,455	329,457	347,605	355,673	374,752	411,271	426,370	29.4
Virginia	1,143,755	1,825,156	2,812,109	3,414,167	3,515,201	3,804,552	3,608,285	3,832,003	4,085,736	4,415,170	25.6
Washington	993,171	1,399,780	2,157,074	2,807,168	2,945,074	3,102,644	3,599,004	3,521,717	3,807,514	4,205,962	42.8
West Virginia	317,482	376,293	548,802	674,664	718,596	741,058	755,252	799,193	847,145	916,466	27.5
Wisconsin	1,208,396	1,754,395	2,469,260	2,941,034	3,024,877	2,827,128	3,088,341	3,255,308	3,512,443	3,814,064	26.1
Wyoming	126,082	203,307	240,216	294,334	291,864	296,393	305,567	314,762	333,127	354,195	21.4
U.S. Service Schools ..	592,454	912,393	1,150,209	1,313,438	1,394,800	1,406,676	1,047,619	1,024,025	1,081,740	1,223,770	-12.3
Outlying areas	268,310	451,370	516,958	727,524	809,779	864,454	924,241	940,891	975,025	1,048,185	29.4
American Samoa	1,609	1,092	3,187	3,483	15,486	6,462	7,532	7,103	7,289	3,994	-74.2
Federated States of Micronesia	†	†	3,777	5,056	8,442	7,381	6,949	7,288	9,111	11,031	30.7
Guam	16,100	31,310	57,645	81,148	68,230	69,168	73,311	73,140	73,052	74,747	9.6
Marshall Islands	†	†	1,237	1,237	1,282	1,566	1,781	3,143	3,453	1,478	15.2
Northern Marianas	†	1,350	2,798	12,366	15,029	16,393	16,536	13,557	14,759	342	-97.7
Palau	†	†	3,837	3,667	5,942	3,940	4,032	4,567	4,127	4,494	-24.4
Puerto Rico	237,319	394,046	385,511	586,910	659,617	724,397	780,586	793,069	825,102	902,747	36.9
Trust Territory of the Pacific	1,447	5,992	†	†	†	†	†	†	†	†	†
Virgin Islands	11,835	17,580	60,202	33,656	35,750	35,149	33,513	39,023	38,131	49,352	38.0

† Not applicable.

NOTE: Detail may not sum to totals due to rounding.

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

² Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

³ Data imputed using alternative procedures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys, 1980–81 and 1985–86; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1990–91 through 1999–2000, and Spring 2002 survey. (This table was prepared October 2003.)

Table 353. Educational and general expenditures of public degree-granting institutions, by state or jurisdiction: Selected years, 1980–81 to 2000–01

[In thousands of dollars]

State or jurisdiction	Institutions of higher education ¹				Degree-granting institutions ²					
	1980–81	1985–86	1990–91	1994–95	1995–96	1996–97	1997–98	1998–99 ³	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10	11
United States	\$34,173,013	\$50,872,962	\$74,395,428	\$92,173,768	\$96,085,623	\$101,026,553	\$106,740,858	\$113,594,381	\$122,708,551	\$136,612,739
Alabama	611,409	979,770	1,415,440	1,834,533	1,880,788	1,925,722	2,006,575	2,143,719	2,277,004	2,411,292
Alaska	150,421	210,894	273,577	316,397	331,723	323,377	325,345	332,095	353,349	396,775
Arizona	554,120	862,816	1,364,060	1,653,840	1,759,850	1,844,250	1,997,271	2,107,384	2,250,444	2,400,827
Arkansas	266,522	415,800	633,194	746,129	843,906	891,912	943,747	1,022,299	1,118,485	1,209,522
California	4,847,879	7,049,635	9,615,356	11,280,758	11,719,821	12,617,059	13,524,973	14,950,202	16,549,206	18,305,943
Colorado	561,552	809,621	1,258,356	1,604,656	1,705,832	1,786,774	1,945,537	2,022,100	2,098,281	2,280,930
Connecticut	281,581	439,397	673,182	883,759	911,255	928,747	995,683	1,061,353	1,198,363	1,218,821
Delaware	135,164	202,331	325,838	413,692	429,293	455,194	487,107	520,014	544,439	545,645
District of Columbia	71,245	79,922	96,411	98,041	101,839	91,957	68,669	82,721	81,390	91,099
Florida	1,071,754	1,638,227	2,657,553	3,234,938	3,390,561	3,638,284	3,895,763	4,244,904	4,545,842	4,992,475
Georgia	628,939	1,046,341	1,617,020	2,277,756	2,366,561	2,558,514	2,771,965	2,911,113	3,307,923	3,615,137
Hawaii	202,154	282,058	454,880	590,389	569,448	580,744	621,595	619,690	623,915	679,041
Idaho	141,296	202,736	303,224	395,733	428,068	445,369	467,873	513,240	535,078	587,247
Illinois	1,487,123	2,152,955	2,979,768	3,583,012	3,794,018	3,974,499	4,174,159	4,426,248	4,691,497	5,040,293
Indiana	771,564	1,183,098	1,842,610	2,196,013	2,300,841	2,444,413	2,566,025	2,692,360	2,856,862	3,032,769
Iowa	512,205	736,894	1,172,328	1,392,753	1,459,013	1,518,118	1,615,935	1,693,895	1,789,004	1,909,848
Kansas	461,979	660,995	928,772	1,196,211	1,244,531	1,281,762	1,367,841	1,473,238	1,579,598	1,659,330
Kentucky	527,235	737,101	1,112,190	1,321,523	1,419,040	1,551,033	1,630,119	1,788,799	1,974,482	2,123,064
Louisiana	557,825	810,479	1,135,955	1,449,305	1,570,429	1,651,304	1,731,835	1,854,505	1,953,126	2,043,645
Maine	127,983	183,349	308,699	343,665	360,331	380,156	390,584	420,791	449,117	485,566
Maryland	604,419	911,562	1,443,669	1,737,204	1,878,053	2,017,888	2,179,292	2,251,347	2,596,770	2,781,822
Massachusetts	441,068	779,341	1,122,629	1,400,824	1,476,589	1,562,825	1,719,631	1,777,119	1,922,321	2,119,517
Michigan	1,610,016	2,278,217	3,325,625	4,042,460	4,306,553	4,502,657	4,724,680	4,992,712	5,343,081	5,746,572
Minnesota	667,119	1,023,324	1,563,054	2,068,280	2,076,375	2,183,151	2,368,748	2,516,599	2,637,556	2,802,651
Mississippi	409,942	542,022	756,492	1,049,356	1,111,120	1,136,217	1,248,177	1,379,388	1,536,840	1,588,438
Missouri	553,793	802,936	1,155,531	1,456,516	1,566,489	1,691,270	1,818,890	1,938,643	2,038,897	2,225,375
Montana	99,990	148,099	210,813	322,880	350,086	386,562	391,181	408,078	438,668	479,071
Nebraska	286,122	397,523	600,224	727,977	753,703	788,822	826,605	895,091	930,495	994,155
Nevada	105,177	163,714	301,487	402,097	459,599	488,685	526,507	572,423	622,883	677,192
New Hampshire	104,285	143,191	229,360	304,474	316,456	324,076	340,758	354,291	380,788	406,806
New Jersey	735,097	1,140,310	1,875,481	2,363,439	2,461,249	2,533,747	2,627,961	2,795,026	2,996,834	3,192,725
New Mexico	278,960	393,151	671,206	899,545	953,396	985,558	1,027,034	1,093,374	1,155,772	1,263,713
New York	2,249,821	3,238,773	4,680,376	5,799,931	5,630,108	5,713,257	5,950,196	5,908,907	6,371,063	10,686,388
North Carolina	971,928	1,527,535	2,227,060	2,849,310	2,881,827	3,080,391	3,289,339	3,542,330	3,787,462	4,129,879
North Dakota	151,372	228,609	292,978	361,276	372,051	381,349	397,021	408,849	414,035	441,745
Ohio	1,327,483	2,019,351	3,046,603	3,616,901	3,774,974	3,873,433	4,109,766	4,328,462	4,603,159	4,941,079
Oklahoma	404,178	594,561	830,929	996,963	1,037,701	1,139,724	1,236,772	1,335,929	1,433,937	1,538,080
Oregon	497,593	672,175	996,887	1,281,381	1,351,507	1,486,678	1,565,280	1,675,722	1,826,458	1,962,882
Pennsylvania	1,231,502	1,814,384	2,737,817	3,439,340	3,562,793	3,646,801	3,863,724	4,107,792	4,400,378	4,699,431
Rhode Island	138,965	185,215	251,992	297,597	306,825	318,710	327,202	350,697	368,113	390,828
South Carolina	481,737	741,740	1,065,867	1,310,645	1,369,352	1,462,262	1,580,666	1,680,470	1,869,656	1,949,359
South Dakota	108,632	130,825	173,396	222,811	258,488	261,558	283,557	299,020	316,193	336,906
Tennessee	515,578	865,946	1,231,619	1,581,929	1,627,212	1,671,134	1,714,071	1,861,231	1,955,029	2,098,364
Texas	2,278,337	3,674,109	5,105,246	6,643,734	7,026,170	7,394,605	7,757,269	8,191,952	9,055,432	10,099,991
Utah	320,278	503,557	730,496	991,014	1,073,017	1,146,939	1,231,532	1,404,696	1,484,168	1,575,810
Vermont	101,539	157,266	238,512	279,882	292,072	308,235	316,435	333,975	370,007	376,869
Virginia	796,616	1,241,534	1,852,416	2,248,402	2,282,078	2,472,071	2,611,639	2,773,374	2,998,532	3,223,168
Washington	837,281	1,143,285	1,757,053	2,211,588	2,308,241	2,437,310	2,550,318	2,721,736	2,954,648	3,259,061
West Virginia	228,755	310,142	459,984	579,349	622,712	642,896	647,584	688,008	732,479	781,737
Wisconsin	998,862	1,438,918	2,057,786	2,437,859	2,513,244	2,585,549	2,830,557	2,980,108	3,217,057	3,498,903
Wyoming	111,170	171,335	204,028	254,469	251,339	253,867	260,114	271,901	287,765	307,712
U.S. Service Schools	555,447	805,892	1,030,399	1,181,234	1,247,093	1,259,138	889,749	874,411	884,669	1,007,248
Outlying areas	253,820	421,500	498,958	700,528	777,274	832,461	876,605	890,343	922,802	993,234
American Samoa	1,609	1,092	3,187	3,483	14,909	6,237	7,385	6,996	6,725	3,408
Federated States of Micronesia	†	†	3,302	4,589	7,965	6,844	6,418	6,716	8,473	10,275
Guam	15,582	29,916	55,641	77,783	65,258	65,965	70,448	70,356	70,409	72,398
Marshall Islands	†	†	1,183	1,183	1,226	1,497	1,701	3,041	3,327	1,425
Northern Marianas	†	1,328	2,472	12,305	14,989	16,393	16,536	13,557	14,759	342
Palau	†	†	3,277	3,156	3,332	3,377	3,518	4,037	3,558	3,910
Puerto Rico	224,988	367,523	378,352	567,140	637,571	701,227	740,982	750,522	781,325	856,197
Trust Territory of the Pacific	1,320	5,992	†	†	†	†	†	†	†	†
Virgin Islands	10,322	15,649	52,726	30,889	32,024	30,922	29,616	35,118	34,226	45,279

† Not applicable.

¹ Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.² Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.³ Data were imputed using alternative procedures. (See Guide to Sources for details.)

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys, 1980–81 and 1985–86; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1990–91 through 1999–2000, and Spring 2002 survey. (This table was prepared October 2003.)

410 DEGREE-GRANTING POSTSECONDARY: EXPENDITURES

Table 354. Voluntary support for degree-granting institutions, by source and purpose of support: Selected years, 1959–60 to 2000–01
[In millions]

Source and purpose of support	1959-60	1965-66	1970-71	1975-76	1980-81	1985-86	1990-91	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total voluntary support¹	\$815	\$1,440	\$1,860	\$2,410	\$4,230	\$7,400	\$10,200	\$12,350	\$12,750	\$14,250	\$16,000	\$18,400	\$20,400	\$23,200	\$24,200
Sources															
Alumni	191	310	458	588	1,049	1,825	2,680	3,410	3,600	4,040	4,650	5,500	5,930	6,800	6,830
Nonalumni individuals	194	350	495	569	1,007	1,781	2,310	2,800	2,940	3,400	3,850	4,500	4,810	5,420	5,200
Corporations	130	230	259	379	778	1,702	2,230	2,510	2,560	2,800	3,050	3,250	3,610	4,150	4,350
Foundations	163	357	418	549	922	1,363	2,030	2,540	2,460	2,815	3,200	3,800	4,530	5,080	6,000
Religious organizations	80	108	104	130	140	211	240	240	250	255	250	300	330	370	370
Other	57	85	126	195	334	518	710	850	940	940	1,000	1,050	1,190	1,380	1,450
Purpose															
Current operations	385	675	1,050	1,480	2,590	4,022	5,830	6,710	7,230	7,850	8,500	9,000	9,900	11,270	12,200
Capital purposes	430	765	810	930	1,640	3,378	4,370	5,640	5,520	6,400	7,500	9,400	10,500	11,930	12,000
Voluntary support as a percent of total expenditures ²	11.4	9.2	6.8	5.5	6.0	6.9	6.2	6.5	6.3	6.7	7.2	7.8	8.3	9.0	9.0

¹ Data are based on sample surveys of institutions of higher education.

² Total expenditures include current-fund expenditures and additions to plant value.

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

SOURCE: Council for Aid to Education, "Voluntary Support of Education," various years. (This table was prepared September 2002.)

Table 355. Total expenditures of private not-for-profit degree-granting institutions, by purpose and type of institution: 1996–97 to 2000–01

Year and type of institution	Total expenditures	Instruction	Research	Public service	Academic support	Student services	Institutional support	Auxiliary enterprises ¹	Net grant aid to students ²	Hospitals	Independent operations	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
In thousands												
All institutions												
1996–97	\$67,399,563	\$21,126,357	\$6,702,520	\$1,621,583	\$4,942,411	\$4,430,241	\$8,226,648	\$7,079,116	\$1,529,456	—	—	\$11,741,232
1997–98	69,300,699	23,404,428	7,267,877	1,672,991	5,738,254	4,903,988	9,138,895	7,698,614	1,297,749	\$6,395,808	\$1,782,095	—
1998–99 ³	75,516,696	25,181,848	7,779,001	1,521,440	6,349,076	5,295,059	9,901,658	8,027,492	1,222,565	7,258,939	2,979,619	—
1999–2000	81,555,821	26,012,599	8,381,926	1,446,958	6,510,951	5,688,499	10,585,850	8,300,021	1,180,882	7,893,796	2,753,679	2,800,661
2000–01	85,625,016	27,607,324	9,025,739	1,473,292	7,368,263	6,117,195	11,434,074	9,010,853	1,176,160	7,255,376	3,134,609	2,022,132
4-year												
1996–97	66,668,808	20,922,069	6,701,053	1,616,019	4,902,188	4,294,812	8,095,791	7,011,791	1,502,866	—	—	11,622,219
1997–98	68,677,274	23,164,693	7,267,228	1,669,650	5,704,216	4,817,585	8,988,203	7,621,887	1,276,848	6,395,610	1,771,355	—
1998–99 ³	74,805,484	24,823,398	7,778,900	1,513,641	6,308,251	5,224,455	9,766,020	7,957,265	1,198,516	7,257,021	2,978,017	—
1999–2000	79,699,659	25,744,199	8,376,568	1,438,544	6,476,338	5,590,978	10,398,914	8,228,409	1,162,570	7,355,110	2,752,019	2,176,011
2000–01	85,048,123	27,413,897	9,019,966	1,467,325	7,333,851	6,036,478	11,292,310	8,957,973	1,160,660	7,253,479	3,133,099	1,979,086
2-year												
1996–97	730,755	204,288	1,467	5,564	40,223	135,429	130,857	67,324	26,590	—	—	119,013
1997–98	623,424	239,735	649	3,341	34,038	86,403	150,692	76,726	20,901	198	10,740	—
1998–99 ³	711,212	358,450	101	7,799	40,826	70,603	135,638	70,226	24,049	1,917	1,602	—
1999–2000	1,856,162	268,400	5,358	8,415	34,612	97,521	186,936	71,612	18,311	538,687	1,660	624,650
2000–01	576,893	193,428	5,772	5,967	34,412	80,717	141,764	52,880	15,500	1,896	1,510	43,046
Percentage distribution												
All institutions												
1996–97	100.0	31.3	9.9	2.4	7.3	6.6	12.2	10.5	2.3	—	—	17.4
1997–98	100.0	33.8	10.5	2.4	8.3	7.1	13.2	11.1	1.9	9.2	2.6	—
1998–99 ³	100.0	33.3	10.3	2.0	8.4	7.0	13.1	10.6	1.6	9.6	3.9	—
1999–2000	100.0	31.9	10.3	1.8	8.0	7.0	13.0	10.2	1.4	9.7	3.4	3.4
2000–01	100.0	32.2	10.5	1.7	8.6	7.1	13.4	10.5	1.4	8.5	3.7	2.4
4-year												
1996–97	100.0	31.4	10.1	2.4	7.4	6.4	12.1	10.5	2.3	—	—	17.4
1997–98	100.0	33.7	10.6	2.4	8.3	7.0	13.1	11.1	1.9	9.3	2.6	—
1998–99 ³	100.0	33.2	10.4	2.0	8.4	7.0	13.1	10.6	1.6	9.7	4.0	—
1999–2000	100.0	32.3	10.5	1.8	8.1	7.0	13.0	10.3	1.5	9.2	3.5	2.7
2000–01	100.0	32.2	10.6	1.7	8.6	7.1	13.3	10.5	1.4	8.5	3.7	2.3
2-year												
1996–97	100.0	28.0	0.2	0.8	5.5	18.5	17.9	9.2	3.6	—	—	16.3
1997–98	100.0	38.5	0.1	0.5	5.5	13.9	24.2	12.3	3.4	#	1.7	—
1998–99 ³	100.0	50.4	0.0	1.1	5.7	9.9	19.1	9.9	3.4	0.3	0.2	—
1999–2000	100.0	14.5	0.3	0.5	1.9	5.3	10.1	3.9	1.0	29.0	0.1	33.7
2000–01	100.0	33.5	1.0	1.0	6.0	14.0	24.6	9.2	2.7	0.3	0.3	7.5
Expenditure per full-time-equivalent student in constant 2000–01 dollars ⁴												
All institutions												
1996–97	\$30,719	\$9,629	\$3,055	\$739	\$2,253	\$2,019	\$3,750	\$3,226	\$697	—	—	\$5,351
1997–98	30,603	10,335	3,210	739	2,534	2,166	4,036	3,400	573	\$2,824	\$787	—
1998–99 ³	32,233	10,749	3,320	649	2,710	2,260	4,226	3,426	522	3,098	1,272	—
1999–2000	33,223	10,597	3,414	589	2,652	2,317	4,312	3,381	481	3,216	1,122	1,141
2000–01	33,069	10,662	3,486	569	2,846	2,363	4,416	3,480	454	2,802	1,211	781
4-year												
1996–97	31,212	9,795	3,137	757	2,295	2,011	3,790	3,283	704	—	—	5,441
1997–98	31,112	10,494	3,292	756	2,584	2,182	4,072	3,453	578	2,897	802	—
1998–99 ³	32,675	10,843	3,398	661	2,755	2,282	4,266	3,476	524	3,170	1,301	—
1999–2000	33,162	10,712	3,485	599	2,695	2,326	4,327	3,424	484	3,060	1,145	905
2000–01	33,359	10,753	3,538	576	2,877	2,368	4,429	3,514	455	2,845	1,229	776
2-year												
1996–97	12,590	3,520	25	96	693	2,333	2,254	1,160	458	—	—	2,050
1997–98	10,927	4,202	11	59	597	1,514	2,641	1,345	366	3	188	—
1998–99 ³	13,316	6,711	2	146	764	1,322	2,540	1,315	450	36	30	—
1999–2000	36,043	5,212	104	163	672	1,894	3,630	1,391	356	10,460	32	12,129
2000–01	14,494	4,860	145	150	865	2,028	3,562	1,329	389	48	38	1,081

—Not available.

Rounds to zero.

¹ Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

² Excludes tuition and fee allowances and agency transactions, such as student awards made from contributed funds or grant funds.

³ Data imputed using alternative procedures. (See Guide to Sources for details.)

⁴ Constant dollars based on the Consumer Price Index adjusted to a school year basis.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," surveys, 1996 through 1999 and Spring 2001, and "Finance," surveys, 1996–97 through 1999–2000, and Spring 2001 and Spring 2002 surveys; and U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index. (This table was prepared November 2003.)

Table 356. Total expenditures of private not-for-profit degree-granting institutions, by purpose and type of institution: 2000–01

Type of institution	Total expenditures	Instruction	Research	Public service	Academic support	Student services	Institutional support	Auxiliary enterprises ¹	Net grant aid to students ²	Hospitals	Independent operations	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
In thousands												
Total	\$85,625,016	\$27,607,324	\$9,025,739	\$1,473,292	\$7,368,263	\$6,117,195	\$11,434,074	\$9,010,853	\$1,176,160	\$7,255,376	\$3,134,609	\$2,022,132
4-year	85,048,123	27,413,897	9,019,966	1,467,325	7,333,851	6,036,478	11,292,310	8,957,973	1,160,660	7,253,479	3,133,099	1,979,086
Doctoral, extensive ³	41,771,620	12,383,505	7,329,956	492,317	3,210,290	1,480,804	3,716,202	3,560,551	279,155	5,700,628	2,806,094	812,117
Doctoral, intensive ⁴	6,422,692	2,484,853	449,105	202,364	857,366	482,734	966,872	717,363	70,162	96	39,289	152,487
Master's ⁵	13,665,638	5,308,215	186,777	153,086	1,324,542	1,704,826	2,451,370	1,880,181	224,783	83,003	54,583	294,271
Baccalaureate ⁶	13,135,189	4,474,512	122,516	110,292	1,129,887	1,786,644	2,490,031	2,229,723	371,606	0	68,004	351,973
Specialized institutions ⁷ ..	10,052,985	2,762,812	931,611	509,266	811,765	581,470	1,667,834	570,155	214,953	1,469,752	165,128	368,238
Art, music, or design	1,127,347	394,135	874	18,119	91,309	91,338	210,665	79,834	67,644	0	35,065	138,365
Business and management	656,765	219,080	2,574	11,404	58,495	103,948	160,128	70,655	11,970	0	6,775	11,736
Engineering or technology	322,345	120,245	15,625	2,758	22,578	29,015	67,890	30,529	7,308	0	14,666	11,731
Medical or other health	5,378,220	1,165,948	900,986	428,971	388,849	115,757	589,529	124,199	34,119	1,469,185	90,692	69,984
Theological	1,426,307	413,212	2,696	26,934	119,899	107,969	384,438	179,113	75,820	18	12,487	103,722
Tribal ⁸	17,853	5,313	0	2,538	1,008	880	3,352	920	3,419	0	0	424
Other specialized	1,124,149	444,878	8,856	18,543	129,627	132,563	251,832	84,905	14,673	549	5,445	32,277
2-year	576,893	193,428	5,772	5,967	34,412	80,717	141,764	52,880	15,500	1,896	1,510	43,046
Associate of arts	538,608	186,731	5,744	3,826	31,641	77,106	131,353	50,538	13,721	1,896	1,510	34,541
Tribal ⁸	38,285	6,697	29	2,141	2,770	3,611	10,411	2,342	1,779	0	0	8,504
Percentage distribution												
Total	100.0	32.2	10.5	1.7	8.6	7.1	13.4	10.5	1.4	8.5	3.7	2.4
4-year	100.0	32.2	10.6	1.7	8.6	7.1	13.3	10.5	1.4	8.5	3.7	2.3
Doctoral, extensive ³	100.0	29.6	17.5	1.2	7.7	3.5	8.9	8.5	0.7	13.6	6.7	1.9
Doctoral, intensive ⁴	100.0	38.7	7.0	3.2	13.3	7.5	15.1	11.2	1.1	#	0.6	2.4
Master's ⁵	100.0	38.8	1.4	1.1	9.7	12.5	17.9	13.8	1.6	0.6	0.4	2.2
Baccalaureate ⁶	100.0	34.1	0.9	0.8	8.6	13.6	19.0	17.0	2.8	0.0	0.5	2.7
Specialized institutions ⁷ ..	100.0	27.5	9.3	5.1	8.1	5.8	16.6	5.7	2.1	14.6	1.6	3.7
Art, music, or design	100.0	35.0	0.1	1.6	8.1	8.1	18.7	7.1	6.0	0.0	3.1	12.3
Business and management	100.0	33.4	0.4	1.7	8.9	15.8	24.4	10.8	1.8	0.0	1.0	1.8
Engineering or technology	100.0	37.3	4.8	0.9	7.0	9.0	21.1	9.5	2.3	0.0	4.5	3.6
Medical or other health	100.0	21.7	16.8	8.0	7.2	2.2	11.0	2.3	0.6	27.3	1.7	1.3
Theological	100.0	29.0	0.2	1.9	8.4	7.6	27.0	12.6	5.3	#	0.9	7.3
Tribal ⁸	100.0	29.8	0.0	14.2	5.6	4.9	18.8	5.2	19.2	0	0.0	2.4
Other specialized	100.0	39.6	0.8	1.6	11.5	11.8	22.4	7.6	1.3	#	0.5	2.9
2-year	100.0	33.5	1.0	1.0	6.0	14.0	24.6	9.2	2.7	0.3	0.3	7.5
Associate of arts	100.0	34.7	1.1	0.7	5.9	14.3	24.4	9.4	2.5	0.4	0.3	6.4
Tribal ⁸	100.0	17.5	0.1	5.6	7.2	9.4	27.2	6.1	4.6	0.0	0.0	22.2
Revenue per full-time-equivalent student												
Total	\$33,069	\$10,662	\$3,486	\$569	\$2,846	\$2,363	\$4,416	\$3,480	\$454	\$2,802	\$1,211	\$781
4-year	33,359	10,753	3,538	576	2,877	2,368	4,429	3,514	455	2,845	1,229	776
Doctoral, extensive ³	73,462	21,778	12,891	866	5,646	2,604	6,536	6,262	491	10,025	4,935	1,428
Doctoral, intensive ⁴	26,426	10,224	1,848	833	3,528	1,986	3,978	2,952	289	#	162	627
Master's ⁵	16,234	6,306	222	182	1,574	2,025	2,912	2,234	267	99	65	350
Baccalaureate ⁶	21,672	7,383	202	182	1,864	2,948	4,108	3,679	613	0	112	581
Specialized institutions ⁷ ..	34,675	9,529	3,213	1,757	2,800	2,006	5,753	1,967	741	5,069	570	1,270
Art, music, or design	27,405	9,581	21	440	2,220	2,220	5,121	1,941	1,644	0	852	3,364
Business and management	15,331	5,114	60	266	1,365	2,427	3,738	1,649	279	0	158	274
Engineering or technology	25,266	9,425	1,225	216	1,770	2,274	5,321	2,393	573	0	1,150	919
Medical or other health	91,998	19,944	15,412	7,338	6,652	1,980	10,084	2,125	584	25,131	1,551	1,197
Theological	20,394	5,908	39	385	1,714	1,544	5,497	2,561	1,084	#	179	1,483
Tribal ⁸	22,713	6,759	0	3,229	1,283	1,119	4,264	1,171	4,350	0	0	539
Other specialized	17,562	6,950	138	290	2,025	2,071	3,934	1,326	229	9	85	504
2-year	14,494	4,860	145	150	865	2,028	3,562	1,329	389	48	38	1,081
Associate of arts	13,952	4,837	149	99	820	1,997	3,402	1,309	355	49	39	895
Tribal ⁸	31,957	5,590	24	1,787	2,312	3,014	8,691	1,955	1,485	0	0	7,099

Rounds to zero.

¹ Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

² Excludes tuition and fee allowances and agency transactions, such as student awards made from contributed funds or grant funds.

³ Doctoral, extensive institutions are committed to graduate education through the doctorate, and award 50 or more doctoral degrees per year across at least 15 disciplines.

⁴ Doctoral, intensive institutions are committed to education through the doctorate and award at least 10 doctoral degrees per year across 3 or more disciplines or at least 20 doctoral degrees overall.

⁵ Master's institutions offer a full range of baccalaureate programs and are committed to education through the master's degree. They award at least 20 master's degrees per year.

⁶ Baccalaureate institutions primarily emphasize undergraduate education.

⁷ Specialized 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology and engineering. Includes some institutions which have 4-year programs, but have not reported sufficient data to identify program category. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie system because they primarily award associate degrees.

⁸ Tribally controlled colleges are located on reservations and are members of the American Indian Higher Education Consortium.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 survey. (This table was prepared October 2003.)

Table 357. Total expenditures of private for-profit degree-granting institutions, by purpose and type of institution: 1999–2000 and 2000–01

Type of institution	Total expenditures	Instruction	Research and public service	Student services, academic and institutional support	Auxiliary enterprises ¹	Net grant aid to students ²	Other
1	2	3	4	5	6	7	8
1999–2000, In thousands							
Total	\$3,846,246	\$1,171,732	\$24,738	\$2,041,594	\$144,305	\$26,278	\$437,599
4-year	2,022,622	595,976	4,393	1,104,001	92,071	11,805	214,377
Doctoral, intensive ³	17,958	12,403	0	5,556	0	0	0
Master's ⁴	403,957	143,711	0	242,845	1,910	2,275	13,216
Baccalaureate ⁵	230,843	67,575	0	127,446	17,438	0	18,384
Specialized institutions ⁶	1,369,863	372,287	4,393	728,155	72,723	9,530	182,776
Art, music, or design	330,991	91,330	9	154,651	16,878	1,940	66,183
Business and management	116,352	29,847	299	80,185	5,706	281	35
Engineering or technology	366,966	112,993	170	207,253	13,925	181	32,444
Medical or other health	29,752	8,476	53	19,758	574	6	885
Other specialized	525,802	129,640	3,862	266,308	35,639	7,122	83,229
2-year	1,823,624	575,756	20,345	937,593	52,234	14,473	223,223
2000–01, in thousands							
Total	\$4,235,781	\$1,310,054	\$22,896	\$2,337,151	\$181,243	\$43,788	\$340,649
4-year	2,414,655	726,328	4,878	1,385,095	113,371	18,519	166,465
Doctoral, intensive ³	21,774	14,000	0	7,774	0	0	0
Master's ⁴	519,979	174,389	0	314,307	5,162	102	26,020
Baccalaureate ⁵	241,384	72,801	0	143,471	14,160	5,136	5,817
Specialized institutions ⁶	1,631,518	465,138	4,878	919,544	94,049	13,282	134,628
Art, music, or design	389,267	100,168	0	194,413	27,810	2,397	64,479
Business and management	122,752	29,815	274	84,534	6,221	1,203	705
Engineering or technology	398,036	128,147	168	245,827	11,143	198	12,554
Medical or other health	31,827	11,165	60	18,153	715	6	1,727
Other specialized	689,636	195,843	4,375	376,617	48,161	9,477	55,163
2-year	1,821,126	583,727	18,019	952,056	67,872	25,269	174,184
2000–01, percentage distribution							
Total	100.0	30.9	0.5	55.2	4.3	1.0	8.0
4-year	100.0	30.1	0.2	57.4	4.7	0.8	6.9
Doctoral, intensive ³	100.0	64.3	0.0	35.7	0.0	0.0	0.0
Master's ⁴	100.0	33.5	0.0	60.4	1.0	0.0	5.0
Baccalaureate ⁵	100.0	30.2	0.0	59.4	5.9	2.1	2.4
Specialized institutions ⁶	100.0	28.5	0.3	56.4	5.8	0.8	8.3
Art, music, or design	100.0	25.7	0.0	49.9	7.1	0.6	16.6
Business and management	100.0	24.3	0.2	68.9	5.1	1.0	0.6
Engineering or technology	100.0	32.2	0.0	61.8	2.8	0.0	3.2
Medical or other health	100.0	35.1	0.2	57.0	2.2	#	5.4
Other specialized	100.0	28.4	0.6	54.6	7.0	1.4	8.0
2-year	100.0	32.1	1.0	52.3	3.7	1.4	9.6
2000–01, expenditure per full-time-equivalent student							
Total	\$10,781	\$3,334	\$58	\$5,949	\$461	\$111	\$867
4-year	10,588	3,185	21	6,074	497	81	730
Doctoral, intensive ³	12,915	8,304	0	4,611	0	0	0
Master's ⁴	8,231	2,761	0	4,975	82	2	412
Baccalaureate ⁵	10,418	3,142	0	6,192	611	222	251
Specialized institutions ⁶	11,652	3,322	35	6,567	672	95	961
Art, music, or design	13,882	3,572	0	6,933	992	85	2,299
Business and management	5,216	1,267	12	3,592	264	51	30
Engineering or technology	11,437	3,682	5	7,063	320	6	361
Medical or other health	13,850	4,859	26	7,900	311	3	751
Other specialized	13,432	3,814	85	7,335	938	185	1,074
2-year	11,048	3,541	109	5,776	412	153	1,057

#Rounds to zero.

¹Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

²Excludes tuition and fee allowances and agency transactions, such as student awards made from contributed funds or grant funds.

³Doctoral, intensive institutions are committed to education through the doctorate and award at least 10 doctoral degrees per year across 3 or more disciplines or at least 20 doctoral degrees overall.

⁴Master's institutions offer a full range of baccalaureate programs and are committed to education through the master's degree. They award at least 20 master's degrees per year.

⁵Baccalaureate institutions primarily emphasize undergraduate education.

⁶Specialized 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology and engineering. Includes some institutions which have 4-year programs, but have not reported sufficient data to identify program category. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie system because they primarily award associate degrees.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, 1999–2000," and Spring 2001 and Spring 2002 surveys. (This table was prepared October 2003.)

Table 358. Total expenditures of private not-for-profit and for-profit degree-granting institutions, by level and state or jurisdiction: 1996–97 to 2000–01

State or jurisdiction	Not-for-profit institutions								For-profit institutions	
	1996–97	1997–98	1998–99	1999–2000		2000–01			1999–2000	2000–01
				Total	4-year	Total	4-year	2-year		
1	2	3	4	5	6	7	8	9	10	11
United States	\$67,399,563	\$69,300,699	\$75,516,696	\$81,555,821	\$79,699,659	\$85,625,016	\$85,048,123	\$576,893	\$3,846,246	\$4,235,781
Alabama	303,786	351,948	366,326	393,465	387,431	400,987	394,921	6,066	88,190	28,561
Alaska	15,033	10,202	16,663	19,042	19,042	19,106	19,106	†	3,559	3,837
Arizona	73,447	117,603	129,980	143,698	131,554	160,787	158,881	1,907	278,286	340,442
Arkansas	151,209	160,182	164,307	230,860	178,935	197,313	196,086	1,227	5,828	7,023
California	6,952,432	5,740,704	7,417,634	7,871,651	7,756,557	8,682,192	8,542,559	139,634	666,020	780,789
Colorado	293,573	303,769	335,298	376,887	374,420	399,613	396,846	2,767	154,801	147,211
Connecticut	1,688,760	1,792,100	1,894,898	2,094,981	2,091,538	2,193,752	2,188,942	4,811	18,110	19,724
Delaware	36,143	37,647	43,320	52,533	50,694	56,670	54,416	2,255	†	†
District of Columbia	2,542,826	2,492,285	2,641,207	2,267,409	2,267,409	2,230,368	2,230,368	†	59,375	80,640
Florida	1,683,998	1,776,443	1,905,829	2,031,623	2,016,779	2,247,374	2,232,016	15,358	315,721	334,943
Georgia	1,857,238	2,289,149	2,508,080	2,635,438	2,605,139	2,795,105	2,761,989	33,115	106,794	121,825
Hawaii	112,706	111,103	122,340	209,135	126,470	138,660	138,660	†	9,422	10,671
Idaho	101,342	104,558	110,393	118,150	38,388	130,256	130,256	†	5,932	6,375
Illinois	4,520,613	4,720,747	5,130,189	5,668,566	5,503,868	5,910,538	5,898,002	12,536	166,956	201,588
Indiana	1,105,549	1,125,545	1,246,522	1,343,315	1,335,365	1,425,665	1,416,337	9,328	89,932	103,623
Iowa	669,201	673,346	689,698	740,760	731,962	767,891	758,488	9,403	34,311	9,634
Kansas	184,317	187,707	196,897	208,729	198,288	222,036	210,608	11,428	9,156	7,842
Kentucky	338,377	347,011	375,598	400,513	396,955	406,358	402,102	4,256	55,010	59,086
Louisiana	614,566	673,645	692,914	746,629	746,629	773,107	770,031	3,076	31,675	39,114
Maine	255,458	271,228	290,439	316,114	315,454	341,350	340,716	634	7,137	6,318
Maryland	1,897,904	1,994,345	2,113,725	2,205,880	2,204,410	2,410,284	2,408,643	1,641	5,354	18,228
Massachusetts	6,378,048	6,845,932	7,218,867	7,830,656	7,576,199	8,187,834	8,174,200	13,634	34,893	33,452
Michigan	924,441	901,576	936,454	995,384	993,345	1,065,100	1,063,084	2,016	25,340	31,882
Minnesota	807,941	874,507	930,959	1,004,427	974,981	1,093,937	1,073,380	20,556	123,571	141,394
Mississippi	129,996	130,497	136,859	150,123	143,436	156,292	149,115	7,177	†	†
Missouri	1,923,345	1,988,750	2,019,795	2,144,299	2,112,083	2,380,876	2,346,120	34,756	100,307	112,535
Montana	57,356	57,049	64,772	69,426	58,903	74,446	62,946	11,500	†	†
Nebraska	326,591	338,473	355,512	387,569	383,980	422,879	420,086	2,794	12,051	10,682
Nevada	6,828	7,440	7,679	7,006	7,006	9,130	9,130	†	29,278	30,946
New Hampshire	497,014	523,575	572,609	589,823	589,823	654,213	654,213	†	21,831	22,263
New Jersey	1,133,757	1,160,843	1,252,181	1,362,090	1,361,611	1,479,492	1,479,492	†	61,109	62,036
New Mexico	36,130	51,204	47,256	54,280	49,453	63,824	50,670	13,154	25,806	29,555
New York	10,577,464	10,525,903	11,511,493	13,223,143	12,442,187	13,099,910	13,049,879	50,031	326,329	369,072
North Carolina	2,617,089	2,761,327	3,292,928	3,530,337	3,521,541	3,845,125	3,835,434	9,691	4,041	11,063
North Dakota	42,576	45,200	51,613	56,000	40,471	59,677	43,251	16,425	1,145	1,467
Ohio	1,791,534	1,912,254	2,017,835	2,211,035	2,207,211	2,368,824	2,364,288	4,537	122,531	125,222
Oklahoma	310,567	323,212	319,214	338,276	338,276	360,772	360,772	†	32,527	36,482
Oregon	362,663	398,742	424,420	456,683	456,683	447,516	447,516	†	23,175	26,996
Pennsylvania	6,417,195	6,952,322	7,219,858	7,590,629	7,535,716	7,841,530	7,764,643	76,886	306,135	317,917
Rhode Island	669,548	696,398	737,297	828,715	828,715	897,056	897,056	†	4,519	1,907
South Carolina	332,525	366,727	392,369	408,127	400,082	432,035	423,251	8,784	6,627	7,366
South Dakota	55,944	59,837	64,155	69,555	68,359	75,488	74,041	1,447	18,061	14,641
Tennessee	1,599,099	1,804,783	1,842,893	1,971,564	1,964,844	2,131,732	2,124,615	7,116	50,921	58,816
Texas	1,936,660	2,080,235	2,249,979	2,490,597	2,478,898	2,662,275	2,651,059	11,217	172,327	188,066
Utah	523,384	553,754	610,830	648,035	643,337	694,025	688,789	5,236	36,348	40,709
Vermont	299,844	306,150	333,738	347,293	333,285	369,832	353,906	15,925	24,841	26,940
Virginia	786,696	833,774	891,622	944,905	944,905	1,000,236	1,000,236	†	65,804	82,663
Washington	484,063	492,504	544,781	600,315	600,315	594,393	594,393	†	51,134	58,515
West Virginia	160,524	160,681	162,994	170,653	170,653	185,101	185,101	†	17,926	19,944
Wisconsin	812,263	865,782	913,475	999,502	996,073	1,062,053	1,057,482	4,571	16,333	20,581
Wyoming	†	†	†	†	†	†	†	†	19,766	25,192
Outlying areas	347,011	372,019	413,323	431,216	427,988	456,532	452,893	3,639	56,116	43,770
Puerto Rico	347,011	372,019	413,323	431,216	427,988	456,532	452,893	3,639	56,116	43,770

† Not applicable.

NOTE: Institutions of higher education are institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1996–97 through 1999–2000, and Spring 2002 survey. (This table was prepared November 2003.)

Table 359. Additions to physical plant value of degree-granting institutions, by type of addition and control of institution: 1969–70 to 1998–99

[In millions of dollars]

Year	Total, all institutions	Public institutions				Private institutions			
		Total	Land	Buildings	Equipment	Total	Land	Buildings	Equipment
1	2	3	4	5	6	7	8	9	10
1969–70	4,233	2,985	152	2,185	648	1,248	59	967	221
1970–71	4,165	3,032	128	2,241	663	1,134	41	895	198
1971–72	4,163	3,054	112	2,277	665	1,109	53	860	195
1972–73	3,967	2,940	126	2,077	737	1,028	53	750	225
1973–74	4,312	3,206	205	2,188	813	1,106	55	816	235
1974–75	4,761	3,476	263	2,246	967	1,284	67	860	357
1975–76	4,702	3,552	168	2,365	1,019	1,150	58	768	325
1976–77	4,623	3,362	128	2,208	1,026	1,261	58	838	366
1977–78	4,527	3,306	102	2,117	1,087	1,221	45	777	400
1978–79	4,576	3,377	154	1,944	1,279	1,199	52	763	383
1979–80	5,551	3,666	164	2,149	1,354	1,886	98	1,220	568
1980–81	6,471	4,279	146	2,555	1,579	2,192	104	1,398	690
1981–82	6,975	4,594	170	2,679	1,744	2,382	83	1,488	811
1982–83	7,421	4,765	374	2,396	1,994	2,656	106	1,666	884
1983–84	7,604	5,038	196	2,427	2,415	2,566	110	1,507	950
1984–85	8,306	5,390	202	2,455	2,733	2,916	135	1,671	1,110
1985–86	10,149	6,875	237	3,318	3,320	3,274	128	1,922	1,225
1986–87	10,675	6,899	313	3,235	3,351	3,776	160	2,408	1,208
1987–88	11,589	7,218	272	3,520	3,426	4,371	250	2,715	1,406
1988–89	13,638	8,162	562	3,845	3,756	5,477	243	3,401	1,833
1989–90	15,900	10,616	532	5,438	4,647	5,284	408	3,277	1,599
1990–91	17,634	11,472	449	6,168	4,855	6,162	448	3,799	1,914
1991–92	15,543	9,820	412	5,272	4,136	5,723	380	3,419	1,925
1992–93	16,494	10,599	336	5,982	4,281	5,895	491	3,458	1,946
1993–94	16,379	10,263	361	5,582	4,320	6,116	259	3,840	2,017
1994–95	18,556	12,129	448	7,079	4,603	6,427	277	3,994	2,156
1995–96	20,873	13,228	428	7,658	5,141	7,645	356	4,897	2,392
1996–97	—	13,625	395	8,097	5,133	—	—	—	—
1997–98	—	14,607	495	8,855	5,256	—	—	—	—
1998–99	—	15,325	598	9,204	5,523	—	—	—	—

—Not available.

NOTE: Data for 1969–70 to 1994–95 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Data for 1995–96 and later years are for 4-year and 2-year de-

gree-granting institutions that were participating in Title IV federal financial aid programs. Some data revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys, 1969–70 through 1985–86; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1986–87 through 1998–99. (This table was prepared February 2003.)

Table 360. Value of property and liabilities of degree-granting institutions: Selected years, 1899–1900 to 1995–96

[In thousands]

Year	Property value at end of year						Endowment (end of year market value) ¹	Liabilities of plant funds
	Total	Physical plant value				Endowment (book value) ¹		
		Total	Land	Buildings	Equipment			
1	2	3	4	5	6	7	8	9
Higher education institutions²								
1899–1900	\$448,597	\$253,599	—	—	—	³ \$194,998	—	—
1909–10	781,255	457,594	\$92,359	\$297,153	\$68,082	³ 323,661	—	—
1919–20	1,316,404	747,333	128,922	495,920	122,491	³ 569,071	—	—
1929–30	3,437,117	2,065,049	304,114	1,490,014	270,921	³ 1,372,068	—	—
1935–36	3,913,028	2,359,418	334,085	1,636,722	388,611	³ 1,553,610	—	—
1937–38	4,208,695	2,556,075	313,665	1,811,309	431,101	1,652,620	—	—
1939–40	4,440,063	2,753,780	—	—	—	1,686,283	—	—
1941–42	4,525,925	2,759,261	—	—	—	³ 1,766,664	—	—
1947–48	6,076,212	3,691,725	—	—	—	2,384,487	—	—
1949–50	7,401,187	4,799,964	—	—	—	³ 2,601,223	—	—
1951–52	9,241,725	6,373,195	—	—	—	2,868,530	—	—
1953–54	10,717,082	7,523,193	—	—	—	3,193,889	—	—
1955–56	12,561,046	8,858,907	624,467	⁴ 6,697,648	1,536,792	3,702,139	—	\$894,383
1957–58	15,770,197	11,124,489	733,182	⁴ 8,540,429	1,850,878	4,645,708	—	1,444,602
1959–60	18,870,628	13,548,548	842,664	⁴ 10,472,478	2,233,407	5,322,080	—	1,964,306
1961–62	22,761,193	16,681,844	1,009,294	⁴ 12,900,093	2,772,457	6,079,349	—	2,806,868
1963–64	28,232,362	21,279,346	1,292,691	⁴ 16,460,867	3,525,788	6,953,016	—	4,190,189
1965–66	35,274,597	26,851,273	1,758,901	⁴ 20,653,028	4,439,344	8,423,324	\$11,126,831	6,071,750
1967–68	—	34,506,348	2,062,545	⁴ 26,673,826	5,769,977	—	—	—
1969–70	52,930,923	42,093,580	3,076,751	31,865,179	7,151,649	10,837,343	11,206,632	9,384,731
1970–71	57,394,951	46,053,585	3,117,895	35,042,590	7,893,100	11,341,366	13,714,330	9,786,240
1971–72	62,136,459	50,153,251	3,287,326	38,131,339	8,734,586	11,983,208	15,180,934	10,291,095
1972–73	66,814,103	53,814,596	3,492,611	40,808,481	9,513,503	12,999,507	15,099,840	10,823,595
1973–74	71,305,817	58,002,777	3,888,372	43,701,491	10,412,914	13,303,040	13,168,076	11,400,916
1974–75	75,585,674	62,183,078	4,210,901	46,453,642	11,518,536	13,402,596	14,364,545	12,413,420
1975–76	80,300,595	66,348,304	4,345,232	49,349,224	12,653,847	13,952,291	15,488,265	12,687,015
1976–77	85,486,550	70,739,427	4,444,927	52,384,393	13,910,107	14,747,123	16,304,553	13,068,341
1977–78	90,337,044	74,770,804	4,621,071	55,188,603	14,961,131	15,566,240	16,840,129	13,437,861
1978–79	95,442,468	78,637,991	4,824,250	57,563,005	16,250,737	16,804,477	18,158,634	13,712,648
1979–80	102,294,859	83,733,387	5,037,172	60,847,097	17,849,119	18,561,472	20,743,045	14,181,991
1980–81	109,701,242	88,760,567	5,212,453	64,158,017	19,390,097	20,940,675	23,465,001	14,794,669
1981–82	117,601,954	94,516,512	5,402,339	67,794,877	21,319,297	23,085,442	24,415,245	15,487,618
1982–83	127,345,302	100,992,841	5,889,080	71,519,718	23,584,042	26,352,461	32,691,133	16,749,900
1983–84	137,141,741	107,640,113	6,109,746	75,220,765	26,309,602	29,501,629	32,975,610	18,277,315
1984–85	148,163,096	114,763,986	6,236,159	79,133,998	29,393,829	33,399,110	39,916,361	22,105,712
1985–86	160,959,517	122,261,355	6,573,923	82,886,012	32,801,419	38,698,162	50,280,775	25,699,408
1986–87	—	126,426,171	7,165,445	84,838,657	34,422,069	—	56,585,153	—
1987–88	—	139,456,342	8,307,789	92,428,615	38,719,937	—	57,391,814	—
1988–89	—	158,693,085	9,462,095	104,743,145	44,487,845	—	64,155,247	—
1989–90	—	164,635,000	9,968,000	108,609,000	46,058,000	—	67,978,726	—
1990–91	—	178,084,000	10,028,000	117,683,000	50,373,000	—	72,048,579	—
1991–92	—	184,813,238	10,528,395	122,422,566	51,862,277	—	82,534,026	—
1992–93	—	192,760,817	11,006,451	128,436,599	53,317,767	—	92,239,311	—
1993–94	—	199,463,715	11,197,662	133,124,680	55,141,373	—	96,012,591	—
1994–95	—	212,201,113	11,710,436	142,553,837	57,936,840	—	109,706,704	—
Degree-granting institutions⁵								
1995–96	—	220,400,104	11,407,020	150,458,886	58,534,198	—	128,837,030	—

—Not available.

¹ Includes funds functioning as endowment.² Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.³ Includes annuity funds.⁴ Includes improvements to land and equipment. These funds are included under appropriate categories after 1967–68.⁵ Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the Commissioner of Education, 1899–1900 and 1909–10; Biennial Survey of Education in the United States, 1919–20 through 1963–64; Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys, 1965–66 through 1985–86; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys, 1986–87 through 1995–96. (This table was prepared November 1998.)*

Table 361. Endowment funds of the 120 colleges and universities with the largest amounts, by rank order: 2001 and 2002

Institution	Rank order ¹	Market value of endowment as of June 30 (in thousands of dollars)		One-year percent change ²	Institution	Rank order ¹	Market value of endowment as of June 30 (in thousands of dollars)		One-year percent change ²
		2001	2002				2001	2002	
1	2	3	4	5	1	2	3	4	5
120 institutions with the largest amounts in 2002		\$184,004,964	\$174,122,561	-5.4					
Harvard University (MA)	1	17,950,843	17,169,757	-4.4	Saint Louis University (MO)	61	819,115	692,126	-15.5
Yale University (CT)	2	10,700,000	10,523,600	-1.6	University of Tulsa (OK)	62	730,949	679,691	-7.0
University of Texas System	3	9,363,588	8,630,679	-7.8	Lehigh University (PA)	63	739,024	677,761	-8.3
Princeton University (NJ)	4	8,359,000	8,319,600	-0.5	Carnegie Mellon University (PA)	64	756,930	667,807	-11.8
Stanford University (CA)	5	³ 8,249,551	³ 7,613,000	-7.7	Syracuse University (NY)	65	735,484	657,769	-10.6
Massachusetts Institute of Technology	6	6,134,712	5,359,423	-12.6	University of Iowa ⁴	66	635,507	657,682	3.5
Emory University (GA)	7	4,315,998	4,551,873	5.5	Tufts University (MA)	67	548,998	651,808	18.7
Columbia University (NY)	8	4,292,793	4,208,373	-2.0	George Washington University (DC)	68	713,060	588,964	-9.3
University of California	9	4,702,729	4,199,067	-10.7	University of Alabama System	69	⁶ 616,015	624,839	1.4
Texas A&M University System ⁴	10	4,030,881	3,743,442	-7.1	Georgetown University (DC)	70	685,473	606,718	-11.5
Washington University (MO)	11	3,951,509	3,517,104	-11.0	Tulane University (LA)	71	638,871	600,964	-5.9
University of Pennsylvania	12	3,381,848	3,393,297	0.3	Trinity University (TX)	72	⁵ 649,936	⁵ 599,347	-7.8
University of Michigan	13	3,614,100	3,375,689	-6.6	University of Tennessee System	73	420,511	588,089	39.9
University of Chicago (IL)	14	3,516,238	3,255,368	-7.4	Baylor University (TX)	74	⁵ 614,480	⁵ 584,333	-4.9
Northwestern University (IL)	15	3,256,282	3,022,733	-7.2	University of Florida ⁴	75	635,143	583,407	-8.1
Rice University (TX)	16	3,243,033	2,939,804	-9.4	Boston University (MA)	76	664,581	578,473	-13.0
Duke University (NC)	17	3,131,375	2,927,478	-6.5	University of Oklahoma ⁴	77	602,981	569,722	-5.5
Cornell University (NY)	18	3,151,384	2,853,742	-9.4	Middlebury College (VT)	78	627,332	563,124	-10.2
University of Notre Dame (IN)	19	2,829,914	2,554,004	-9.7	Vassar College (NY)	79	616,174	554,199	-10.1
Dartmouth College (NH)	20	2,414,231	2,186,610	-9.4	Oberlin College (OH)	80	595,495	535,735	-10.0
University of Southern California	21	2,086,245	2,130,977	2.1	Rensselaer Polytechnic Institute (NY)	81	618,912	530,850	-14.2
Vanderbilt University (TN)	22	2,159,614	2,019,612	-6.5	Michigan State University	82	448,570	523,284	16.7
Johns Hopkins University (MD)	23	1,822,713	1,695,150	-7.0	Wesleyan University (CT)	83	520,674	484,289	-7.0
University of Virginia	24	1,708,199	1,686,625	-1.3	Lafayette College (PA)	84	485,482	479,989	-1.1
Brown University (RI)	25	1,436,607	1,414,285	-1.6	University of Louisville (KY) ⁴	85	503,207	478,917	-4.8
Case Western Reserve University (OH)	26	1,434,000	1,347,054	-6.1	Washington State University	86	468,849	473,225	0.9
University of Minnesota ⁴	27	1,431,942	1,320,078	-7.8	Carleton College (MN)	87	543,456	457,488	-15.8
Rockefeller University (NY)	28	1,361,200	1,288,100	-5.4	University of California, Los Angeles ⁴	88	471,438	453,796	-3.7
New York University	29	1,118,300	1,177,600	5.3	University of Maryland System ⁴	89	506,744	453,146	-10.6
California Institute of Technology	30	1,365,798	1,154,540	-15.5	Macalester College (MN)	90	500,372	442,395	-11.6
University of Pittsburgh (PA)	31	1,103,082	1,153,362	4.6	Colgate University (NY)	91	464,535	439,437	-5.4
University of Rochester (NY)	32	1,245,406	1,141,722	-8.3	Washington and Lee University (VA)	92	438,392	435,561	-0.6
University of Washington	33	927,806	1,111,726	19.8	Bowdoin College (ME)	93	433,244	430,623	-0.6
Purdue University (IN)	34	1,217,118	1,098,939	-9.7	University of Miami (FL)	94	⁵ 457,843	⁵ 426,955	-6.7
Grinnell College (IA)	35	1,024,671	1,075,153	4.9	Northeastern University (MA)	95	493,926	422,920	-14.4
University of NC, Chapel Hill ⁴	36	1,045,750	1,070,772	2.4	University of Georgia ⁴	96	396,765	421,807	6.3
Williams College (MA)	37	1,207,408	1,060,043	-12.2	Santa Clara University (CA)	97	434,071	406,694	-6.3
Wellesley College (MA)	38	1,135,925	1,032,465	-9.1	Hamilton College (NY)	98	431,037	400,374	-7.1
Pomona College (CA)	39	1,099,930	1,018,179	-7.4	Bryn Mawr College (PA)	99	433,854	400,332	-7.7
University of Richmond (VA)	40	1,122,055	998,201	-11.0	Pepperdine University (CA)	100	437,051	399,400	-8.6
Boston College (MA)	41	1,003,832	964,313	-3.9	Denison University (OH)	101	430,467	399,317	-7.2
Indiana University ⁴	42	922,920	955,991	3.6	University of Kentucky	102	419,211	397,763	-5.1
Swarthmore College (PA)	43	949,923	894,236	-5.9	State University of New York/Bufalo ⁴	103	428,085	388,216	-9.3
University of Cincinnati (OH)	44	909,268	894,031	-1.7	Rutgers University (NJ)	104	405,405	386,738	-4.6
Pennsylvania State University	45	937,612	891,190	-5.0	Brandeis University (MA)	105	397,046	384,335	-3.2
Baylor College of Medicine (TX)	46	984,150	885,915	-10.0	University of Houston System (TX)	106	440,620	382,024	-13.3
University of Illinois ⁴	47	898,424	881,949	-1.8	DePauw University (IN)	107	449,509	378,910	-15.7
University of Delaware	48	928,398	868,225	-6.5	University of Colorado ⁴	108	393,458	378,561	-3.8
Yeshiva University (NY)	49	831,438	864,020	3.9	Bucknell University (PA)	109	428,878	364,634	-15.0
Amherst College (MA)	50	890,511	860,189	-3.4	Rochester Institute of Technology (NY)	110	451,523	358,671	-20.6
Smith College (MA)	51	917,254	851,253	-7.2	College of William and Mary (VA) ⁴	111	367,510	357,012	-2.9
Southern Methodist University (TX)	52	⁵ 872,388	⁵ 831,116	-4.7	Mount Holyoke College (MA)	112	388,472	355,915	-8.4
Texas Christian University	53	913,072	829,516	-9.2	Colorado College	113	390,129	351,404	-9.9
University of Nebraska ⁴	54	837,064	769,064	-8.1	Louisiana State University System	114	326,122	348,291	6.8
University of Missouri System	55	738,500	747,700	1.2	University of Mississippi ⁴	115	320,490	346,425	8.1
Georgia Institute of Technology ⁴	56	770,168	741,737	-3.7	Agnes Scott College (GA)	116	346,894	338,509	-2.4
Wake Forest University (NC)	57	812,389	732,570	-9.8	College of the Holy Cross (MA)	117	362,305	336,614	-7.1
Kansas University Endowment Assoc.	58	831,765	732,186	-12.0	Trinity College (CT)	118	343,242	336,232	-2.0
Berea College (KY)	59	788,263	716,523	-9.1	Iowa State University ⁴	119	368,332	335,927	-8.8
University of Wisconsin ⁴	60	808,326	698,082	-13.6	Texas Tech University (TX)	120	⁵ 316,483	⁵ 332,456	5.0

¹ Institutions ranked by size of endowment in 2002.
² Change in market value of endowment. Includes growth from gifts and returns on investments, as well as reductions from expenditures and withdrawals.
³ As of August 31.
⁴ Includes foundations.
⁵ As of May 31.
⁶ As of September 30.

NOTE: Data include institutions participating in the comparative-performance study by the National Association of College and University Business Officers. Some data have been revised from previously published figures.

SOURCE: National Association of College and University Business Officers, NACUBO Endowment Study, 2001 and 2002. (This table was prepared August 2003.)

Table 362. Participants in adult basic and secondary education programs, by level of enrollment and state or jurisdiction: Fiscal years 1980, 1990, and 1999

State or jurisdiction	1980				1990			1999			
	Total	Level of enrollment			Total	Level of enrollment		Total	Level of enrollment		
		Adult basic education	Adult secondary education	Ungraded		Adult basic education ¹	Adult secondary education		Adult basic education	English as a second language	Adult secondary education
1	2	3	4	5	6	7	8	9	10	11	12
United States	2,018,906	915,936	531,663	571,307	3,535,970	2,435,649	1,100,321	2,840,763	1,052,214	1,099,537	689,012
Alabama	51,599	36,726	12,372	2,501	40,177	32,984	7,193	22,430	18,445	1,369	2,616
Alaska	5,667	2,200	2,188	1,279	5,067	4,267	800	5,396	2,634	1,295	1,467
Arizona	9,996	9,968	22	6	33,805	24,915	8,890	55,274	18,071	29,532	7,671
Arkansas	8,583	7,308	1,275	—	29,065	17,103	11,962	39,102	16,304	3,270	19,528
California	267,625	60,385	—	207,240	1,021,227	753,282	267,945	456,125	50,360	340,813	64,952
Colorado	9,381	4,295	2,644	2,442	12,183	9,877	2,306	13,743	5,807	6,260	1,676
Connecticut	21,889	8,882	4,805	8,202	46,434	25,560	20,874	27,698	6,011	12,032	9,655
Delaware	1,797	1,110	503	184	2,662	2,348	314	3,278	1,761	1,191	326
District of Columbia	25,214	4,928	6,502	13,784	19,586	12,631	6,955	2,828	1,125	1,403	300
Florida	467,162	100,958	184,568	181,636	419,429	249,339	170,090	399,772	130,908	151,003	117,861
Georgia	50,820	26,734	17,008	7,078	69,580	49,622	19,958	107,980	60,145	30,281	17,554
Hawaii	16,457	16,457	—	—	52,012	31,766	20,246	16,176	6,193	3,400	6,583
Idaho	12,851	8,915	3,010	926	11,171	9,180	1,991	10,542	5,652	2,663	2,227
Illinois	76,456	59,314	17,142	—	87,121	69,770	17,351	120,752	31,945	72,773	16,034
Indiana	20,882	18,127	2,660	95	44,166	27,138	17,028	41,760	21,211	7,330	13,219
Iowa	25,851	16,928	5,153	3,770	41,507	30,470	11,037	31,757	15,830	6,809	9,118
Kansas	14,405	3,687	7,436	3,282	10,274	9,191	1,083	11,410	5,809	4,340	1,261
Kentucky	27,800	6,147	4,735	16,918	28,090	20,406	7,684	37,061	22,049	2,216	12,796
Louisiana	16,046	12,608	2,485	953	40,039	20,941	19,098	38,873	24,644	1,418	12,811
Maine	5,327	3,029	942	1,356	14,964	6,620	8,344	9,807	3,977	1,184	4,646
Maryland	34,572	23,421	6,043	5,108	41,230	36,244	4,986	27,556	12,286	7,430	7,840
Massachusetts	20,420	10,241	5,044	5,135	34,220	28,140	6,080	24,565	7,194	13,646	3,725
Michigan	40,973	29,945	—	11,028	194,178	80,206	113,972	86,218	35,938	22,941	27,339
Minnesota	10,826	8,627	877	1,322	45,648	33,190	12,458	51,769	20,273	20,740	10,756
Mississippi	14,317	10,340	2,918	1,059	18,957	15,834	3,123	40,370	29,465	1,800	9,105
Missouri	33,292	27,206	3,732	2,354	31,815	27,274	4,541	38,773	25,034	7,731	6,008
Montana	3,525	1,795	978	752	6,071	3,962	2,109	4,995	3,515	172	1,308
Nebraska	7,514	5,152	2,362	—	6,158	5,349	809	9,095	5,150	3,328	617
Nevada	3,063	845	82	2,136	17,262	7,270	9,992	22,346	1,047	10,961	10,338
New Hampshire	4,844	2,657	1,625	562	7,198	5,073	2,125	5,519	1,438	1,854	2,227
New Jersey	35,770	17,152	6,790	11,828	64,080	46,526	17,554	44,712	11,317	26,222	7,173
New Mexico	13,102	3,590	5,147	4,365	30,236	18,069	12,167	29,197	15,543	8,200	5,454
New York	94,574	57,217	20,002	17,355	156,611	125,893	30,718	194,028	61,819	91,846	40,363
North Carolina	84,252	33,854	46,679	3,719	109,740	71,698	38,042	154,786	71,425	36,924	46,437
North Dakota	2,810	1,963	538	309	3,587	2,500	1,087	1,964	1,087	416	461
Ohio	50,056	42,421	7,635	—	95,476	79,527	15,949	81,010	57,983	9,230	13,797
Oklahoma	14,701	6,983	5,697	2,021	24,307	19,131	5,176	20,534	14,028	3,492	3,014
Oregon	27,645	10,690	12,594	4,361	37,075	24,915	12,160	27,981	14,115	10,931	2,935
Pennsylvania	29,477	19,246	6,436	3,795	52,444	40,108	12,336	46,836	20,511	13,695	12,630
Rhode Island	5,844	2,266	1,357	2,221	7,347	5,874	1,473	7,950	3,009	3,458	1,483
South Carolina	69,659	27,959	35,165	6,535	81,200	37,117	44,083	132,497	34,474	7,856	90,167
South Dakota	4,067	2,080	1,109	878	3,184	2,458	726	5,431	3,551	835	1,045
Tennessee	26,268	17,079	3,244	5,945	41,721	39,604	2,117	49,386	29,766	5,173	14,447
Texas	157,349	94,245	51,126	11,978	218,747	145,067	73,680	106,516	41,508	53,680	11,328
Utah	18,541	3,756	14,785	—	24,841	6,003	18,838	28,987	6,614	7,186	15,187
Vermont	4,583	3,990	—	593	4,808	4,452	356	4,436	3,604	513	319
Virginia	21,525	10,480	3,804	7,241	31,649	30,005	1,644	31,211	13,801	11,203	6,207
Washington	16,286	7,245	3,894	5,147	31,776	25,336	6,440	57,999	22,113	30,500	5,386
West Virginia	14,628	9,743	3,672	1,213	21,186	14,227	² 6,959	22,403	16,877	332	5,194
Wisconsin	16,158	14,185	1,973	—	61,081	45,116	15,965	27,297	17,268	6,215	3,814
Wyoming	2,457	857	905	695	3,578	2,071	² 1,507	2,632	1,580	445	607
Outlying areas											
American Samoa	313	252	61	—	—	—	—	—	—	—	—
Guam	1,346	612	471	263	1,311	414	² 897	902	203	182	517
Northern Marianas	—	—	—	—	—	—	—	527	202	47	278
Puerto Rico	30,164	17,844	9,010	3,310	28,436	28,436	—	47,974	12,322	2,099	33,553
Trust Territory of the Pacific	3,753	2,138	699	916	—	—	—	—	—	—	—
Virgin Islands	3,500	1,002	859	1,639	1,653	1,215	438	1,433	735	289	409

—Not available.

¹ Includes English as a second language.

² Estimated.

ation and Literacy, "Adult Education Program Facts, Program Year 1990–1991," and unpublished data. (This table was prepared August 2001.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Women and Minority Groups Make Up Largest Segment of Adult Basic and Secondary Education Programs;" Office of Vocational and Adult Education, Division of Adult Edu-

Table 363. Participation of employed persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: 1995 and 1999

Characteristic of employed persons	1995						1999									
	Percent of employed adults participating			Adult education participants, in thousands	Em- ployed persons, in thou- sands	Percent of ca- reer or job- related courses provided by busi- nesses	Number of career or job- related courses taken, per em- ployee	Percent of employed adults participating			Adult education partici- pants, in thousands	Em- ployed persons, in thou- sands	Percent of ca- reer or job- related courses provided by busi- nesses	Number of career or job- related courses taken in thou- sands	Number of ca- reer or job-re- lated courses taken, per employee	
	In any pro- grams	In part- time higher edu- cation	Other personal courses					In career or job- related courses	In appren- tice programs	Other personal courses						
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Total	117,826	59,734	50.7	8.2	22.0	31.1	49.0	132,715	69,644	52.5 (1.3)	11.9 (0.8)	30.5 (1.1)	2.2 (0.4)	23.4 (1.1)	91,369	0.70 (0.03)
Sex																
Men	63,127	29,346	46.5	7.0	17.9	29.0	46.7	69,950	33,671	48.1 (1.4)	11.6 (0.8)	28.3 (1.2)	3.0 (0.4)	18.2 (1.0)	43,645	0.62 (0.03)
Women	54,699	30,387	55.6	9.7	26.8	33.4	50.9	62,765	35,973	57.3 (1.3)	12.4 (0.8)	32.9 (1.1)	1.4 (0.3)	29.2 (1.0)	47,724	0.76 (0.03)
Age																
17 to 24 years	15,104	7,653	50.7	14.2	21.8	18.6	53.8	16,697	8,412	50.4 (2.7)	16.2 (1.8)	19.1 (1.9)	4.4 (1.4)	19.8 (1.8)	6,836	0.41 (0.06)
25 to 29 years	14,207	7,746	54.5	12.5	22.2	31.2	51.3	15,352	8,871	57.8 (2.8)	20.2 (2.0)	34.3 (2.4)	3.7 (0.9)	23.4 (2.2)	11,862	0.77 (0.08)
30 to 34 years	16,291	8,323	51.1	8.9	22.8	31.6	49.7	16,343	9,556	58.5 (2.8)	14.2 (1.8)	34.4 (2.5)	2.9 (0.8)	26.0 (2.3)	12,675	0.78 (0.08)
35 to 39 years	17,595	9,361	53.2	8.4	21.8	35.1	51.8	20,041	10,309	51.4 (2.5)	11.8 (1.5)	29.2 (2.2)	1.6 (0.5)	25.1 (2.3)	14,192	0.71 (0.07)
40 to 44 years	16,049	8,906	55.5	8.0	26.0	36.6	44.8	18,392	10,126	55.1 (2.7)	10.7 (1.5)	36.4 (2.4)	1.5 (0.6)	25.6 (2.2)	15,415	0.84 (0.07)
45 to 49 years	13,743	7,586	55.2	6.3	23.0	39.6	44.8	14,944	8,231	55.1 (2.9)	9.8 (1.4)	30.4 (2.4)	1.8 (0.8)	27.7 (2.4)	9,886	0.66 (0.06)
50 to 54 years	10,408	5,222	50.2	4.9	20.9	34.4	48.2	12,820	6,658	52.1 (1.1)	6.2 (1.1)	34.7 (2.6)	1.3 (0.5)	23.1 (2.3)	9,820	0.77 (0.07)
55 to 59 years	6,698	2,667	39.8	2.3	18.0	26.7	46.8	4,319	1,900	44.7 (3.0)	7.9 (1.9)	30.3 (2.8)	0.8 (0.6)	16.7 (2.3)	6,135	0.63 (0.08)
60 to 64 years	4,435	1,394	31.4	0.6	15.3	21.1	49.9	2,156	800	42.0 (4.4)	4.5 (1.6)	27.2 (3.8)	0.8 (0.8)	18.1 (3.0)	3,004	0.66 (0.15)
65 and over	3,297	876	26.6	0.3	16.3	13.7	39.7	2,135	637	39.2 (6.0)	4.3 (2.5)	20.3 (4.2)	0.2 (0.3)	21.3 (5.0)	800	0.39 (0.08)
Racial/ethnic group																
White, non-Hispanic	92,333	47,967	51.9	8.0	22.7	33.2	47.9	96,581	51,612	53.4 (1.1)	11.5 (0.6)	32.8 (1.0)	1.7 (0.3)	24.3 (0.9)	71,627	0.64 (0.03)
Black, non-Hispanic	11,577	5,800	50.1	6.5	23.1	26.2	58.4	15,227	8,160	53.6 (2.8)	13.0 (1.6)	28.1 (2.3)	4.1 (1.3)	26.2 (2.4)	9,764	0.96 (0.07)
Hispanic	8,980	3,627	40.4	10.7	15.1	18.1	46.8	13,905	6,107	44.2 (3.1)	10.6 (1.7)	16.4 (1.8)	4.3 (1.5)	15.9 (2.2)	5,061	0.53 (0.05)
Asian American/Pacific Islander	2,825	1,246	44.1	8.0	15.1	25.5	48.6	4,273	2,275	53.2 (5.5)	19.6 (4.3)	32.8 (4.8)	20.5 (4.2)	31.35	3,135	0.37 (0.15)
Asian American/Alaska Native	663	329	49.6	13.9	25.2	34.0	54.6	667	350	52.5 (13.1)	30.9 (10.0)	29.5 (11.5)	6.8 (5.6)	10.0 (6.0)	642	0.73 (0.52)
Highest level of education completed																
Less than high school completion	9,635	2,444	25.4	0.8	9.4	8.8	15.6	14,493	4,271	29.5 (8.8)	3.2 (2.0)	7.9 (2.3)	2.5 (1.7)	11.1 (3.1)	1,987	0.41 (0.05)
High school completion	38,071	14,639	38.5	4.9	16.5	20.9	45.3	37,383	15,037	40.2 (1.8)	8.9 (0.9)	21.4 (1.5)	2.4 (0.6)	16.2 (1.3)	15,250	0.82 (0.03)
Some vocational/technical	3,997	2,078	52.0	7.2	23.5	32.3	56.7	4,165	2,025	48.6 (5.5)	9.7 (3.5)	28.7 (5.8)	5.1 (3.2)	21.5 (5.7)	3,030	0.91 (0.17)
Some college	23,006	12,668	55.9	14.3	25.4	29.9	53.5	24,577	13,860	56.4 (2.1)	16.7 (1.5)	29.0 (1.8)	3.0 (0.7)	27.0 (1.8)	17,331	0.71 (0.06)
Associate degree	7,591	4,746	62.5	13.3	27.7	39.2	49.7	9,240	5,698	61.7 (3.3)	19.3 (2.4)	39.7 (3.0)	2.6 (0.9)	25.2 (2.8)	8,133	0.88 (0.09)
Bachelor's degree	20,602	12,948	62.8	8.3	26.5	44.6	47.2	23,943	15,377	64.2 (2.1)	12.5 (1.3)	43.8 (2.0)	1.4 (0.3)	29.8 (1.8)	24,068	1.01 (0.06)
Some graduate work (or study)	14,924	10,010	67.1	9.9	29.6	50.2	40.3	18,914	13,377	70.7 (9.4)	14.5 (3.1)	46.8 (4.2)	1.4 (0.3)	34.0 (3.7)	21,570	1.22 (0.14)
No degree	2,770	1,987	71.8	19.7	34.8	44.3	45.6	3,168	2,353	74.3 (4.5)	24.4 (4.1)	54.2 (4.9)	0.9 (0.7)	30.4 (4.3)	3,785	1.19 (0.14)
Master's	8,149	5,456	67.0	9.6	30.4	50.5	41.7	10,243	7,266	70.9 (2.9)	13.5 (2.0)	45.3 (3.0)	0.9 (0.4)	36.8 (2.9)	11,711	1.14 (0.11)
Doctor's	2,060	1,133	55.0	5.0	22.4	40.4	35.5	3,698	2,350	63.6 (5.3)	9.7 (2.6)	34.4 (4.8)	3.2 (1.5)	32.8 (5.0)	2,623	0.71 (0.12)
Professional	1,946	1,434	73.7	2.6	26.4	67.6	31.4	1,804	1,407	78.0 (6.6)	13.0 (7.1)	67.6 (7.0)	1.4 (1.4)	26.6 (5.7)	3,452	1.91 (0.31)
Metropolitan area																
Inside metropolitan area	89,192	46,911	52.6	8.7	22.6	32.4	48.6	102,278	54,210	53.0 (1.9)	11.7 (1.0)	31.5 (1.7)	2.3 (0.5)	23.1 (1.5)	73,498	0.72 (0.05)
Outside metropolitan area	74,367	39,519	53.1	8.8	22.5	33.3	48.3	87,662	46,478	53.0 (1.2)	12.0 (0.7)	31.2 (1.0)	2.4 (0.4)	23.3 (0.9)	61,774	0.70 (0.03)
Central city	14,825	7,392	49.9	8.0	23.1	27.9	50.9	14,616	7,732	52.9 (2.8)	9.6 (1.5)	32.9 (2.5)	1.8 (0.6)	21.8 (2.1)	11,724	0.80 (0.08)
Outside metropolitan area	28,634	12,823	44.8	6.9	20.2	26.9	50.2	30,437	15,434	50.7 (2.1)	12.8 (1.3)	27.1 (1.7)	2.0 (0.7)	24.5 (1.7)	17,871	0.59 (0.05)
Occupation																
Executive, administrative, or managerial	12,500	7,070	56.6	7.4	23.4	42.9	37.7	25,407	14,654	57.7 (2.2)	11.1 (1.2)	40.6 (2.1)	1.2 (0.4)	23.9 (1.7)	24,581	0.97 (0.07)
Engineers, surveyors, and architects	1,702	1,116	65.6	14.5	23.7	44.2	59.0	1,967	1,575	80.1 (6.2)	26.2 (5.7)	52.1 (7.0)	6.0 (4.3)	29.5 (6.0)	2,037	1.04 (0.16)
Natural scientists and mathematicians	1,648	1,211	73.5	10.4	25.6	59.7	44.0	2,180	1,579	63.2 (7.0)	13.7 (4.2)	46.0 (6.6)	1.4 (0.9)	26.0 (5.8)	1,782	0.82 (0.14)
Social scientists and workers, lawyers	2,438	1,873	76.8	11.7	32.4	59.5	35.6	2,295	1,735	79.8 (4.5)	10.8 (3.2)	56.9 (5.7)	0.7 (0.7)	41.3 (5.5)	4,893	1.70 (0.24)
Teachers, elementary/secondary	5,207	4,046	77.7	16.9	36.9	53.9	50.5	6,634	5,272	79.5 (3.2)	24.6 (3.0)	52.1 (3.5)	0.4 (0.2)	39.3 (3.4)	8,077	1.22 (0.11)
Teachers, postsecondary	1,175	657	55.9	4.4	26.1	41.6	33.5	1,286	663	66.3 (6.0)	13.1 (4.3)	35.6 (5.9)	2.1 (1.3)	41.0 (6.1)	1,427	0.74 (0.14)
Physicians, dentists, veterinarians	828	590	71.3	1.3	18.3	68.6	32.4	472	353	70.9 (8.6)	5.0 (4.9)	65.2 (12.0)	4.5 (4.5)	29.0 (11.8)	859	1.53 (0.50)
Registered nurses, pharmacists	2,143	1,896	88.5	11.2	34.6	72.8	2.24	3,051	2,654	87.0 (4.1)	16.6 (4.9)	72.2 (5.0)	0.2 (0.2)	47.9 (5.5)	5,639	1.85 (0.21)
Writers, artists, entertainers, and athletes	1,675	829	49.5	8.1	28.7	23.4	0.46	2,162	1,065	49.3 (7.5)	15.4 (4.8)	30.6 (6.2)	2.5 (1.3)	18.8 (5.0)	1,354	0.63 (0.18)

See notes at end of table.

Table 363. Participation of employed persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: 1995 and 1999—Continued

Characteristic of employed persons	1999										1995									
	Percent of employed adults participating					Adult education participants, in thousands	Em- ployed persons, in thousands	Percent of ca- reer or job- related courses provided by busi- nesses	Number of career or job- related courses taken, per em- ployee	9	Percent of employed adults participating					Adult education participants, in thousands	Em- ployed persons, in thousands	Percent of ca- reer or job- related courses provided by busi- nesses	Number of career or job- related courses taken, per em- ployee	8
	In any pro- grams		In part- time higher edu- cation		Other personal courses						In career or job- related courses		In appren- tice programs		Other personal courses					
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
Health technologists and technicians	1,528	1,147	75.1	12.9	32.1	50.0	45.0	2,074	1,436	69.2 (6.4)	19.9 (4.5)	41.8 (6.0)	5.2 (3.5)	37.0 (6.0)	2,158	1.04 (0.19)				
Technologists, except health	3,283	2,153	65.6	12.9	28.3	43.8	55.8	4,803	2,775	57.8 (5.3)	20.1 (3.8)	37.6 (4.9)	4.0 (2.8)	23.3 (4.1)	4,644	0.97 (0.15)				
Marketing and sales occupations	15,666	7,131	45.5	6.6	20.2	25.2	51.2	11,699	5,019	42.9 (2.9)	6.3 (1.2)	21.1 (2.3)	1.7 (0.7)	23.8 (2.4)	5,033	0.43 (0.06)				
Administrative support, including clerical	20,460	10,727	52.4	9.3	24.1	30.8	52.4	18,913	9,606	50.8 (2.4)	9.9 (1.2)	27.4 (2.0)	0.9 (0.3)	22.0 (1.9)	10,480	0.55 (0.05)				
Service occupations	17,355	8,238	47.5	9.0	22.7	22.6	57.0	15,949	8,078	50.6 (3.0)	14.5 (2.0)	21.0 (2.2)	2.3 (0.7)	22.1 (2.5)	8,067	0.51 (0.07)				
Agriculture, forestry, and fishing	1,908	500	26.2	1.8	14.8	12.4	27.0	2,297	927	40.4 (8.5)	11.2 (4.9)	12.2 (4.1)	6.9 (6.6)	13.0 (4.6)	475	0.21 (0.07)				
Mechanics and repairers	4,266	2,129	49.9	7.6	16.6	29.1	57.2	4,736	2,087	44.1 (5.6)	15.2 (3.7)	15.0 (3.4)	6.1 (2.3)	23.0 (5.0)	1,640	0.35 (0.09)				
Construction and extractive occupations	5,490	2,093	38.1	4.6	18.4	18.6	48.8	3,973	1,464	36.9 (5.2)	11.2 (3.2)	13.2 (3.2)	6.0 (2.4)	12.0 (3.3)	906	0.23 (0.06)				
Precision production occupations	1,685	754	44.8	5.9	16.2	25.6	40.8	1,570	608	38.7 (8.8)	9.4 (4.4)	18.3 (6.5)	11.9 (5.3)	19.5 (6.5)	569	0.36 (0.12)				
Production workers	8,309	2,515	30.3	5.9	10.1	14.8	58.5	9,346	3,681	39.4 (3.8)	6.7 (1.7)	23.0 (3.2)	2.4 (1.2)	14.8 (2.5)	4,220	0.45 (0.08)				
Transportation, material moving	4,488	1,295	28.8	3.8	12.1	15.8	60.6	5,178	1,753	33.9 (4.6)	5.9 (1.8)	18.4 (3.6)	1.6 (1.0)	12.9 (2.9)	1,426	0.28 (0.06)				
Handler, equipment, cleaners, helpers, and laborers	1,989	519	26.1	3.1	10.3	11.7	46.9	3,474	731	21.0 (5.1)	4.6 (2.2)	6.8 (3.5)	1.7 (1.4)	5.0 (2.3)	594	0.17 (0.12)				
Miscellaneous occupations	2,022	1,194	59.0	8.5	22.1	38.8	51.8	1,923	828	43.0 (8.6)	9.9 (4.3)	14.2 (4.6)	3.7 (2.3)	23.9 (6.8)	509	0.26 (0.08)				
Annual family income																				
\$10,000 or less	9,776	3,224	33.0	6.1	15.6	12.6	50.9	5,248	1,646	31.4 (5.8)	7.8 (3.0)	9.5 (3.1)	1.9 (1.5)	13.2 (4.1)	787	0.15 (0.05)				
\$10,001 to \$15,000	6,183	2,389	38.6	7.2	19.5	15.1	59.1	5,281	1,597	30.2 (4.1)	8.3 (2.4)	8.3 (1.9)	2.5 (1.7)	12.9 (2.8)	751	0.14 (0.03)				
\$15,001 to \$20,000	7,321	3,040	41.5	8.0	18.2	20.1	52.8	6,061	2,511	41.4 (4.2)	8.2 (2.0)	16.3 (2.8)	1.9 (0.9)	17.1 (3.0)	1,705	0.28 (0.05)				
\$20,001 to \$25,000	7,832	3,164	40.4	7.4	19.3	20.4	53.1	8,595	3,618	42.1 (3.8)	8.4 (1.6)	18.8 (2.8)	4.4 (2.1)	19.8 (2.8)	3,588	0.42 (0.08)				
\$25,001 to \$30,000	10,133	4,803	47.4	8.8	21.4	24.7	55.8	11,848	4,863	41.0 (3.4)	9.8 (1.5)	22.2 (2.7)	2.7 (1.2)	15.3 (2.2)	5,396	0.46 (0.07)				
\$30,001 to \$40,000	19,617	9,734	49.6	8.9	21.9	30.2	50.2	18,991	9,589	50.6 (3.6)	15.2 (2.4)	26.6 (2.8)	2.3 (1.0)	21.3 (2.7)	11,137	0.59 (0.07)				
\$40,001 to \$50,000	15,115	8,127	53.8	8.0	23.7	34.7	48.3	16,577	9,005	54.3 (2.7)	14.7 (1.8)	32.3 (2.3)	2.6 (0.8)	24.9 (2.3)	11,569	0.70 (0.07)				
\$50,001 to \$75,000	23,006	13,288	57.8	8.9	23.9	40.0	48.3	28,433	17,356	61.0 (2.1)	13.1 (1.2)	36.6 (1.9)	2.5 (0.6)	31.4 (1.9)	24,629	0.87 (0.06)				
More than \$75,000	18,843	11,964	63.5	8.6	26.5	45.2	45.0	31,711	19,458	61.4 (1.9)	11.2 (1.1)	42.5 (1.8)	1.2 (0.3)	25.3 (1.5)	31,828	1.00 (0.06)				

—Not available.
 #Rounds to zero.
 NOTE: Percent of career or job-related courses provided by businesses are based on the respondent's reports of the first six work-related courses taken. Adult education is defined as all education activities, except full-time enrollment in higher education credential programs. Examples of adult education activities include part-time college attendance, classes or seminars given by employers, and classes taken for adult literacy purposes, or for recreation and enjoyment.
 Includes adult basic education and English as a second language classes. Data are based upon a sample survey of the civilian noninstitutional population. Data revised from previously published figures. Detail may not sum to totals due to rounding and survey item nonresponse. Standard errors appear in parentheses.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, The Adult Education Survey of the National Household Education Surveys Program, (AR-NHES:1995) and (AR-NHES:1999). (This table was prepared June 2001.)

Table 364. Participation in adult education during the previous 12 months by adults 17 years old and older, by selected characteristics of participants: 1991, 1995, and 1999

Characteristic of participants	1995					1999										
	Percent participating in any program, 1991	Adult education participants, in thousands		Percent participating ²			Adult education participants, in thousands ¹	Percent participating								
		3	4	5	6	7		8	In any program	In basic education ³	In English as a second language	In part-time postsecondary education	In career or job related courses	In apprentice programs	Personal development courses	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	33.0	189,543	76,261	40.2	6.1	20.9	19.9	194,559	86,593	44.5 (0.8)	1.1 (0.2)	0.9 (0.2)	9.3 (0.4)	22.1 (0.6)	1.8 (0.2)	22.2 (0.6)
Sex																
Men	32.6	90,256	34,450	38.2	5.6	21.8	15.8	93,071	38,765	41.7 (1.2)	1.0 (0.2)	0.9 (0.2)	9.9 (0.6)	22.1 (0.9)	2.5 (0.4)	17.4 (0.9)
Women	33.2	99,287	41,811	42.1	6.5	20.2	23.5	101,488	47,828	47.1 (1.0)	1.1 (0.2)	1.0 (0.2)	8.8 (0.5)	22.2 (0.8)	1.1 (0.2)	26.7 (0.9)
Age																
17 to 24 years	37.8	22,407	10,539	47.0	12.6	14.7	21.5	23,372	11,673	49.9 (2.3)	4.9 (1.0)	1.1 (0.3)	13.6 (1.4)	16.4 (1.5)	4.0 (1.1)	22.8 (1.9)
25 to 29 years	40.0	18,988	9,420	49.6	10.9	25.5	23.0	18,427	10,406	56.5 (2.5)	1.2 (0.5)	2.5 (0.8)	18.6 (1.8)	30.0 (2.1)	3.4 (0.8)	23.8 (2.0)
30 to 34 years	37.6	21,338	10,068	47.3	8.0	26.1	20.3	19,423	10,908	56.2 (2.6)	1.0 (0.4)	1.6 (0.6)	13.0 (1.5)	29.4 (2.2)	3.0 (0.8)	26.5 (2.2)
35 to 39 years	42.1	22,494	10,737	47.7	7.5	29.1	20.9	23,183	11,622	50.1 (2.4)	0.6 (0.3)	1.4 (0.5)	10.9 (1.3)	26.2 (1.9)	1.7 (0.6)	25.4 (2.1)
40 to 44 years	49.2	19,810	10,078	50.9	7.1	31.2	24.9	22,116	11,159	50.5 (2.4)	0.7 (0.3)	0.3 (0.2)	10.2 (1.3)	31.3 (2.1)	1.7 (0.5)	24.7 (2.0)
45 to 49 years	40.0	17,463	8,499	48.7	5.7	32.5	21.1	18,299	9,116	49.8 (2.7)	0.7 (0.4)	0.8 (0.4)	9.4 (1.3)	26.0 (2.1)	1.5 (0.6)	25.5 (2.1)
50 to 54 years	26.8	14,344	6,093	42.5	3.9	26.3	19.7	16,893	7,966	47.2 (2.5)	0.4 (0.3)	0.2 (0.1)	5.8 (1.0)	28.2 (2.1)	1.1 (0.4)	23.5 (2.1)
55 to 59 years	29.0	11,096	3,577	32.2	1.7	17.8	17.3	13,450	5,107	38.0 (2.6)	0.3 (0.3)	0.1 (0.1)	6.7 (1.5)	23.3 (2.1)	0.5 (0.4)	16.2 (1.8)
60 to 64 years	17.4	10,728	2,540	23.7	0.6	10.6	15.2	10,718	3,368	31.4 (2.8)	# (#)	1.4 (1.4)	2.4 (0.7)	13.4 (1.8)	0.3 (0.4)	18.8 (2.2)
65 to 69 years	14.2	10,215	1,850	18.1	0.2	4.0	15.3	9,211	2,339	25.4 (2.5)	0.3 (0.3)	0.3 (0.3)	1.2 (0.6)	6.9 (1.2)	0.1 (0.1)	19.6 (2.3)
70 years and over	8.6	20,661	2,841	13.8	0.1	1.4	12.6	19,466	2,929	15.0 (1.4)	# (#)	# (#)	1.3 (0.5)	1.7 (0.5)	# (#)	12.2 (1.2)
Race/ethnic group																
White, non-Hispanic	34.1	144,587	59,982	41.5	6.0	22.8	20.8	143,135	63,522	44.4 (0.9)	0.6 (0.1)	0.1 (0.1)	8.8 (0.5)	23.6 (0.7)	1.3 (0.2)	22.9 (0.7)
Black, non-Hispanic	25.9	20,806	7,704	37.0	7.3	16.2	18.9	22,129	10,241	46.3 (2.3)	2.7 (0.8)	0.2 (0.1)	11.0 (1.3)	20.2 (1.7)	2.9 (0.9)	23.6 (1.9)
Hispanic	31.4	15,689	5,281	33.7	4.8	11.8	13.8	19,491	8,045	41.3 (2.5)	2.4 (0.6)	6.5 (1.2)	8.6 (1.3)	12.5 (1.3)	3.7 (1.1)	16.2 (1.9)
Asian American	35.9	4,377	1,739	39.7	6.5	18.1	15.9	5,619	2,045	51.1 (4.6)	2.0 (1.1)	5.8 (2.2)	17.1 (3.4)	26.9 (3.8)	0.5 (0.5)	22.6 (3.6)
American Indian/Alaska Native	29.3	1,155	448	38.8	9.3	20.6	21.6	1,102	400	36.3 (9.2)	# (#)	# (#)	12.7 (6.2)	19.2 (7.4)	4.1 (3.4)	10.6 (4.7)
Highest level of education completed																
Eighth grade or less	7.7	12,808	1,283	10.0	0.1	1.9	4.9	11,438	1,680	14.7 (2.9)	0.9 (0.4)	5.0 (1.7)	0.2 (0.2)	1.4 (0.6)	0.4 (0.4)	6.6 (2.4)
Ninth to 12th grade, no completion	15.8	16,511	3,332	20.2	0.8	4.9	9.2	21,174	5,419	25.6 (2.6)	4.8 (1.0)	3.3 (0.5)	3.9 (1.1)	5.5 (1.2)	1.9 (0.9)	10.1 (1.9)
High school completion	24.1	62,956	19,341	30.7	3.6	13.9	15.4	55,553	19,356	34.8 (1.4)	1.1 (0.3)	0.6 (0.2)	6.9 (0.7)	15.5 (1.0)	1.9 (0.4)	16.9 (1.9)
Some vocational/technical	34.2	6,327	2,648	41.9	5.4	21.9	21.1	6,517	2,678	41.1 (4.0)	2.5 (1.1)	1.9 (1.0)	6.5 (1.7)	19.9 (3.1)	3.2 (1.5)	21.8 (3.2)
Some college	41.4	34,433	16,978	49.3	12.1	22.3	25.3	34,270	17,504	51.1 (1.8)	0.6 (0.2)	0.4 (0.2)	13.9 (1.1)	22.2 (1.4)	2.8 (0.6)	27.5 (1.5)
Associate degree	49.2	9,975	5,601	56.1	10.9	32.1	27.4	11,275	6,384	56.6 (2.9)	—	—	17.4 (2.1)	33.3 (2.6)	2.4 (0.8)	24.2 (2.4)
Bachelor's degree	51.1	26,858	15,286	56.9	7.1	36.1	27.0	30,121	18,178	60.3 (1.8)	—	—	12.8 (1.1)	36.7 (1.9)	1.2 (0.3)	31.1 (1.7)
Some graduate work (or study)	55.1	19,677	11,792	59.9	8.5	40.4	29.1	24,211	15,394	63.6 (2.0)	—	—	12.8 (1.3)	38.9 (1.9)	1.2 (0.3)	33.0 (1.8)
No degree	—	4,123	2,563	62.2	15.2	32.5	33.5	4,083	2,640	64.7 (4.4)	—	—	20.9 (3.5)	45.1 (4.4)	1.1 (0.6)	28.1 (3.7)
Master's	—	10,522	6,219	59.1	8.1	41.0	29.0	12,715	8,357	65.7 (2.6)	—	—	12.5 (1.7)	38.8 (2.6)	0.7 (0.4)	36.8 (2.6)
Doctor's	—	2,564	1,384	54.0	4.7	35.0	25.1	5,039	2,675	53.1 (4.7)	—	—	7.9 (2.0)	26.7 (3.8)	2.7 (1.1)	28.5 (4.2)
Professional	—	2,467	1,626	65.9	3.0	56.6	26.0	1,722	1,386	72.5 (5.8)	—	—	10.9 (5.6)	54.7 (6.2)	1.1 (1.1)	31.0 (5.4)
Metropolitan area																
Inside metropolitan area	34.5	142,522	59,627	41.8	6.5	22.0	20.3	146,309	67,322	46.0 (0.9)	1.2 (0.2)	1.2 (0.2)	9.4 (0.5)	23.2 (0.7)	1.9 (0.2)	22.4 (0.7)
Inside central city	—	118,170	49,996	42.3	6.7	22.7	20.2	124,108	57,688	46.5 (1.0)	1.3 (0.2)	1.3 (0.2)	9.7 (0.5)	23.4 (0.7)	1.9 (0.3)	22.8 (0.8)
Outside central city	—	24,352	9,630	39.5	5.6	18.4	21.1	22,200	9,634	43.4 (2.2)	0.5 (0.3)	0.4 (0.3)	7.9 (1.1)	22.2 (1.7)	1.5 (0.4)	20.4 (1.8)
Outside metropolitan area	28.3	47,021	16,634	35.4	4.9	17.9	18.5	48,250	19,271	39.9 (1.6)	0.8 (0.3)	0.2 (0.1)	9.1 (0.9)	18.9 (1.2)	1.6 (0.4)	21.5 (1.3)
Labor force status																
In labor force	40.7	125,982	62,717	49.8	8.1	29.8	21.7	140,400	73,097	52.1 (0.9)	1.1 (0.2)	0.7 (0.1)	12.0 (0.5)	29.4 (0.8)	2.2 (0.3)	23.3 (0.8)
Employed	42.0	117,826	59,734	50.7	8.2	31.1	22.0	132,715	69,644	52.5 (1.0)	1.0 (0.2)	0.6 (0.1)	11.9 (0.5)	30.5 (0.8)	2.2 (0.3)	23.4 (0.8)
Unemployed	26.0	8,155	2,983	36.6	5.5	11.1	17.4	7,685	3,453	44.9 (4.6)	3.6 (1.7)	2.4 (1.2)	13.7 (2.8)	11.3 (2.4)	1.9 (0.9)	21.5 (4.1)
Not in labor force	15.7	63,562	13,544	21.3	2.2	3.4	16.2	54,159	13,496	24.9 (1.2)	0.9 (0.3)	1.5 (0.4)	2.3 (0.4)	3.3 (0.4)	0.7 (0.2)	19.4 (1.1)
Occupation																
Executive, administrative, or managerial	49.3	13,098	7,313	55.8	7.3	42.1	23.1	27,315	15,579	57.0 (2.1)	# (#)	0.2 (0.2)	10.9 (1.1)	38.7 (2.0)	1.2 (0.4)	24.6 (1.7)
Engineers, surveyors, and architects	62.6	1,756	1,150	65.5	14.1	44.6	23.3	2,042	1,629	79.8 (6.0)	# (#)	# (#)	27.9 (5.8)	52.4 (6.8)	5.8 (4.2)	28.8 (5.8)
Natural scientists and mathematicians	48.2	1,743	1,261	72.3	9.9	58.6	24.8	2,289	1,386	60.5 (6.7)	# (#)	# (#)	13.0 (4.0)	44.1 (6.3)	1.3 (0.9)	24.8 (5.5)

See notes at end of table.

Table 364. Participation in adult education during the previous 12 months by adults 17 years old and older, by selected characteristics of participants: 1991, 1995, and 1999—Continued

Characteristic of participants	1995								1999								
	Percent participating in any program, 1991	Adult education participants, in thousands		Percent participating ²				Adult education participants, in thousands ¹	In any program	Percent participating							
		3	4	5	6	7	8			9	10	11	12	13	14	15	16
1	2																
Social scientists and workers, lawyers	55.6	1,938	2,530	76.6	11.5	59.4	32.3	3,069	2,433	79.3 (4.4)	# (#)	# (#)	10.4 (3.1)	56.6 (5.4)	0.6 (0.6)	42.0 (5.3)	
Teachers, elementary and secondary	55.0	5,414	4,155	76.7	16.6	52.4	36.9	7,033	5,511	78.4 (3.1)	# (#)	# (#)	23.8 (2.8)	50.2 (3.4)	0.3 (0.2)	38.8 (3.3)	
Teachers, postsecondary	45.1	1,254	687	54.8	4.1	40.8	26.0	2,214	1,472	66.5 (5.6)	0.4 (0.4)	3.5 (3.4)	17.0 (5.0)	37.1 (5.8)	1.8 (1.1)	42.1 (5.9)	
Physicians, dentists, veterinarians	67.1	859	611	71.1	1.2	67.1	19.0	610	487	79.8 (9.0)	# (#)	# (#)	4.6 (4.5)	62.5 (11.5)	4.2 (4.2)	29.1 (11.2)	
Registered nurses, pharmacists	59.6	2,337	2,026	86.7	10.6	71.3	33.6	3,210	2,741	85.4 (4.1)	# (#)	# (#)	16.0 (4.7)	71.1 (4.9)	0.2 (0.2)	46.0 (5.3)	
Writers, artists, entertainers, and athletes	42.9	1,874	934	49.9	7.7	23.1	30.0	2,481	1,241	50.0 (6.9)	0.4 (0.4)	# (#)	13.4 (4.2)	29.1 (5.6)	2.2 (1.2)	21.4 (5.1)	
Health technologists and technicians	68.6	1,697	1,270	74.8	12.8	47.5	33.0	1,465	1,465	66.9 (6.2)	1.7 (1.2)	0.6 (0.6)	19.1 (4.3)	40.6 (5.7)	4.9 (3.3)	35.5 (5.7)	
Technologists, except health	55.4	3,543	2,279	64.3	13.5	41.3	28.7	5,090	3,032	59.6 (5.1)	# (#)	0.4 (0.4)	20.9 (3.8)	37.0 (4.7)	3.8 (2.7)	24.5 (4.0)	
Marketing and sales occupations	34.4	18,174	8,038	44.2	6.8	23.2	20.4	13,578	6,022	44.4 (2.7)	1.4 (0.5)	0.1 (0.1)	6.1 (1.1)	20.7 (2.1)	1.6 (0.6)	25.1 (2.3)	
Administrative support, including clerical	29.9	22,968	11,867	51.7	9.5	28.9	24.7	22,052	11,042	50.1 (2.3)	1.9 (0.7)	0.3 (0.2)	10.3 (1.2)	25.1 (1.8)	0.8 (0.3)	22.5 (1.8)	
Service occupations	25.2	20,072	9,342	46.5	9.0	20.9	22.8	18,648	9,497	50.9 (2.7)	3.2 (0.9)	1.3 (0.5)	13.7 (1.8)	18.5 (1.9)	2.5 (0.7)	23.7 (2.4)	
Agriculture, forestry, and fishing	14.3	2,336	616	26.4	1.6	11.5	15.6	2,809	964	34.3 (7.2)	2.0 (1.5)	2.0 (1.6)	9.2 (4.0)	10.5 (3.4)	6.4 (5.5)	11.2 (3.8)	
Mechanics and repairers	32.1	4,692	2,231	47.6	7.1	27.7	15.6	4,964	2,097	42.2 (5.4)	2.1 (1.4)	# (#)	14.7 (3.5)	14.4 (3.3)	5.8 (2.2)	21.9 (4.8)	
Construction and extractive occupations	21.9	6,100	2,319	38.0	4.3	17.6	18.0	4,734	1,634	34.5 (4.8)	0.7 (0.4)	2.5 (1.3)	10.4 (2.8)	12.0 (2.8)	7.0 (2.4)	11.1 (2.9)	
Precision production occupations	31.2	1,875	807	43.0	5.5	23.2	16.1	1,638	628	38.3 (8.5)	1.2 (1.2)	1.9 (1.4)	9.0 (4.2)	17.5 (6.2)	11.4 (5.0)	19.9 (6.3)	
Production workers	21.1	9,483	2,908	30.7	5.8	14.7	10.7	10,638	4,043	38.0 (3.5)	0.7 (0.4)	0.7 (0.3)	6.8 (1.6)	20.2 (2.8)	2.1 (1.0)	15.9 (2.4)	
Transportation, material moving	20.7	5,311	1,507	28.4	3.5	15.5	11.9	5,829	1,941	33.3 (4.3)	2.8 (1.5)	0.9 (0.7)	5.9 (1.7)	17.1 (3.3)	2.5 (1.1)	11.8 (2.6)	
Handler, equipment, cleaners, helpers, and laborers	20.8	2,456	617	25.1	3.1	11.1	9.7	3,981	781	19.6 (4.6)	# (#)	# (#)	4.6 (2.0)	6.1 (3.0)	1.5 (1.2)	5.6 (2.2)	
Miscellaneous occupations	—	2,311	1,308	56.6	7.9	35.4	22.6	2,150	925	43.0 (8.0)	# (#)	3.3 (1.9)	11.7 (4.6)	16.7 (5.0)	3.3 (2.1)	24.6 (6.5)	
Annual family income																	
\$5,000 or less	13.6	12,638	2,689	21.3	3.3	4.1	11.8	5,198	1,092	21.0 (3.2)	2.0 (1.0)	1.2 (0.8)	3.0 (1.1)	5.0 (1.4)	0.5 (0.3)	11.9 (2.6)	
\$5,001 to \$10,000	17.5	17,560	4,194	23.9	4.0	6.7	13.2	9,137	2,236	24.5 (3.4)	2.8 (1.4)	0.9 (0.4)	3.8 (1.2)	4.1 (1.1)	1.2 (0.6)	14.5 (3.0)	
\$10,001 to \$15,000	22.8	13,523	3,610	26.7	4.0	8.7	14.8	11,263	2,564	22.8 (2.5)	2.4 (0.9)	2.3 (0.8)	6.1 (1.4)	4.3 (0.9)	1.5 (0.8)	11.5 (1.8)	
\$15,001 to \$20,000	21.9	13,116	4,176	31.8	5.4	13.0	15.8	12,623	3,967	31.4 (2.8)	2.7 (0.9)	2.3 (0.7)	5.4 (1.2)	10.1 (1.6)	1.6 (0.7)	16.4 (2.2)	
\$20,001 to \$25,000	26.7	13,812	4,339	31.4	4.8	13.3	17.0	13,663	4,885	35.8 (2.8)	1.5 (0.6)	1.7 (0.7)	7.8 (1.3)	12.7 (1.8)	3.1 (1.4)	17.5 (2.1)	
\$25,001 to \$30,000	32.1	16,386	6,208	37.9	6.5	17.1	19.2	17,353	6,375	36.7 (2.6)	0.8 (0.3)	1.5 (0.7)	15.5 (1.9)	15.0 (1.5)	2.1 (0.9)	17.0 (1.9)	
\$30,001 to \$40,000	35.6	28,628	12,220	42.7	6.9	22.1	22.0	27,715	12,524	45.2 (2.1)	0.3 (0.2)	0.9 (0.6)	11.7 (1.3)	20.0 (1.5)	1.6 (0.5)	22.4 (1.7)	
\$40,001 to \$50,000	44.8	20,446	9,567	46.8	6.8	27.0	22.4	21,715	10,394	47.9 (2.3)	0.6 (0.4)	0.7 (0.4)	12.0 (1.4)	26.0 (1.9)	2.5 (0.7)	23.3 (1.9)	
\$50,001 to \$75,000	46.6	29,161	15,169	52.0	7.6	32.8	23.6	35,984	19,828	55.1 (1.8)	0.5 (0.2)	0.2 (0.1)	11.2 (1.0)	30.6 (1.5)	2.1 (0.5)	29.8 (1.6)	
More than \$75,000	48.7	24,274	14,089	58.0	7.7	37.3	26.8	39,909	22,726	56.9 (1.7)	1.0 (0.4)	0.3 (0.2)	10.1 (1.0)	35.2 (1.5)	1.1 (0.3)	26.5 (1.4)	

NOTE: Data are based upon a sample survey of the civilian noninstitutional population. Data revised from previously published figures. Detail may not sum to totals due to rounding and survey item nonresponse. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The Adult Education Survey of the National Household Education Surveys Program, (AR-NHES:1991), (AR-NHES:1995), and (AR-NHES:1999). (This table was prepared June 2001.)

¹Not available.

²Adult education is defined as all education activities, except full-time enrollment in higher education credential programs. Examples of adult education activities include part-time college attendance, classes or seminars given by employers, and classes taken for adult literacy purposes, or for recreation and enjoyment.

³Any participation includes adult basic education, English as a second language, and apprentice programs not shown separately.

⁴The estimates of participation in basic education include only those participating in courses to improve "reading, writing, and math skills," and do not count participation in GED or other high-school equivalency courses.

Table 365. Nondegree-granting institutions offering postsecondary education, by control and state or jurisdiction: 1998-99 to 2001-02

State or jurisdiction	1998-99, total	1999-2000					2000-01					2001-02				
		Total	Public	Private			Total	Public	Private			Total	Public	Private		
				Total	Not-for-profit	For-profit			Total	Not-for-profit	For-profit			Total	Not-for-profit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States	5,437	5,165	501	4,664	1,042	3,622	5,076	532	4,544	995	3,549	5,059	501	4,558	1,018	3,540
Alabama	52	53	6	47	9	38	53	5	48	9	39	55	5	50	11	39
Alaska	24	26	6	20	4	16	25	5	20	4	16	26	5	21	5	16
Arizona	87	84	1	83	11	72	79	1	78	10	68	80	2	78	11	67
Arkansas	62	62	8	54	9	45	60	9	51	8	43	61	9	52	9	43
California	854	814	30	784	183	601	811	30	781	178	603	805	27	778	177	601
Colorado	104	102	7	95	19	76	96	6	90	18	72	98	7	91	19	72
Connecticut	91	73	2	71	15	56	82	14	68	15	53	82	13	69	16	53
Delaware	11	11	1	10	2	8	12	1	11	3	8	12	1	11	3	8
District of Columbia	20	19	2	17	10	7	18	2	16	9	7	17	0	17	9	8
Florida	288	280	43	237	48	189	276	44	232	46	186	278	41	237	47	190
Georgia	107	103	21	82	17	65	86	3	83	16	67	89	2	87	16	71
Hawaii	20	21	1	20	2	18	20	1	19	2	17	20	1	19	3	16
Idaho	19	19	0	19	1	18	19	0	19	1	18	21	0	21	2	19
Illinois	220	213	7	206	51	155	208	5	203	50	153	204	5	199	50	149
Indiana	83	76	8	68	11	57	75	7	68	11	57	75	7	68	12	56
Iowa	52	44	0	44	8	36	43	0	43	7	36	44	0	44	8	36
Kansas	42	42	8	34	6	28	41	8	33	5	28	39	4	35	5	30
Kentucky	122	105	24	81	9	72	100	21	79	9	70	82	5	77	10	67
Louisiana	86	86	7	79	13	66	86	7	79	13	66	92	7	85	14	71
Maine	24	26	0	26	7	19	26	0	26	7	19	27	0	27	7	20
Maryland	97	93	2	91	16	75	90	3	87	15	72	82	2	80	15	65
Massachusetts	156	142	9	133	29	104	150	16	134	30	104	143	14	129	30	99
Michigan	211	197	5	192	32	160	194	7	187	31	156	192	7	185	30	155
Minnesota	62	60	4	56	17	39	56	3	53	16	37	56	3	53	17	36
Mississippi	31	26	0	26	4	22	25	0	25	2	23	27	0	27	2	25
Missouri	143	123	29	94	19	75	137	47	90	17	73	131	47	84	17	67
Montana	31	29	0	29	8	21	29	0	29	8	21	29	0	29	8	21
Nebraska	41	39	0	39	9	30	29	0	29	7	22	29	0	29	6	23
Nevada	68	63	2	61	1	60	61	2	59	1	58	58	2	56	1	55
New Hampshire	17	19	0	19	7	12	17	0	17	6	11	18	0	18	7	11
New Jersey	162	150	12	138	24	114	152	14	138	23	115	152	14	138	26	112
New Mexico	24	19	0	19	2	17	16	0	16	1	15	18	0	18	1	17
New York	315	304	38	266	111	155	300	41	259	109	150	301	42	259	112	147
North Carolina	71	70	4	66	9	57	67	3	64	8	56	63	1	62	9	53
North Dakota	9	8	0	8	3	5	9	0	9	3	6	9	0	9	3	6
Ohio	231	219	55	164	47	117	215	61	154	43	111	215	60	155	43	112
Oklahoma	108	105	44	61	3	58	109	46	63	3	60	112	46	66	4	62
Oregon	74	69	0	69	7	62	68	0	68	6	62	67	0	67	6	61
Pennsylvania	313	298	40	258	93	165	283	43	240	88	152	288	43	245	91	154
Rhode Island	29	26	0	26	8	18	24	0	24	8	16	23	0	23	7	16
South Carolina	37	38	2	36	9	27	35	2	33	8	25	35	2	33	7	26
South Dakota	10	8	0	8	5	3	8	0	8	5	3	9	0	9	6	3
Tennessee	112	107	27	80	14	66	101	27	74	11	63	104	27	77	11	66
Texas	297	294	5	289	40	249	295	5	290	36	254	301	6	295	38	257
Utah	41	37	5	32	2	30	36	5	31	2	29	38	5	33	2	31
Vermont	7	7	0	7	4	3	6	0	6	4	2	6	0	6	4	2
Virginia	136	135	12	123	32	91	126	10	116	31	85	128	13	115	30	85
Washington	91	87	4	83	13	70	85	4	81	11	70	86	2	84	14	70
West Virginia	69	61	17	44	16	28	67	22	45	18	27	63	22	41	15	26
Wisconsin	68	66	2	64	23	41	62	1	61	23	38	61	1	60	22	38
Wyoming	8	7	1	6	0	6	8	1	7	0	7	8	1	7	0	7
Outlying areas	91	90	8	82	17	65	89	5	84	15	69	93	3	90	18	72
American Samoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico	91	90	8	82	17	65	89	5	84	15	69	93	3	90	18	72
Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: Includes all institutions that did not grant degrees at the associate or higher level, or were not eligible for Title IV federal financial aid.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys, 1998-99 through 2000-01, and Spring 2001 survey. (This table was prepared January 2003.)

CHAPTER 4

Federal Programs for Education and Related Activities

This chapter provides a summary of federal funds for education to help describe the magnitude of the federal fiscal effort and give some indication of the scope and variety of the education programs. Data in this chapter reflect outlays and obligations of federal agencies. These tabulations differ from federal receipts reported in other chapters because of numerous variations in the data collection systems. Federal dollars are not necessarily spent by recipient institutions in the same year they are appropriated. In some cases, institutions cannot identify the source of federal revenues because they flow through state agencies. Some types of revenues, such as tuition and fees, are reported as revenues from students even though they may be supported by federal student aid programs. Some institutions that receive federal education funds are not included in regular surveys conducted by the National Center for Education Statistics. Thus, the federal programs data tabulated in this chapter are not comparable with figures reported in other chapters. Readers should be careful about comparing data on obligations shown in some tables with data on outlays and appropriations appearing in others.

Federal on-budget funding for education showed sizable growth between fiscal years (FYs) 1965 and 2003, after adjustment for inflation. Large increases occurred between 1965 and 1975. After a slight decrease from 1975 to 1980, there was a further decrease from 1980 to 1985 (16 percent). Thereafter, federal on-budget funding for education generally increased, showing a rise of 104 percent from 1985 to 2003, after adjustment for inflation (table 366).

During the 1965 to 1975 period, after adjustment for inflation, federal funds for elementary and secondary education rose by 211 percent, postsecondary education by 264 percent, other education by 145 percent, and research at educational institutions by 7 percent. Between 1975 and 1980, federal funding for elementary and secondary education increased by 2 percent and research by 14 percent, but postsecondary education decreased slightly by 2 percent and other education decreased by 35 percent. After declining 22 percent between 1980 and 1985, federal funding for elementary and secondary education programs rose by 125 percent between 1985 and 2003. Postsecondary education decreased

by 25 percent between 1980 and 1985 and then increased 67 percent between 1985 and 2003. Between 1985 and 2003, other education rose by 99 percent, and research rose by 111 percent, after adjustment for inflation (table 366 and figure 20).

Off-budget support and nonfederal funds generated by federal legislation showed an increase in constant dollars between FY 1980 and FY 2003 (351 percent), but there were fluctuations throughout the period. These amounts tend to fluctuate because of changes in interest rates and program legislation which affect the number and volume of student loans. Between FY 1990 and FY 2003, these same funds showed an increase of 207 percent (table 366).

According to FY 2003 estimates, \$57.4 billion or about 46 percent of the \$124.7 billion spent by the federal government on education came from the U.S. Department of Education. Large amounts of money also came from the U.S. Department of Health and Human Services (\$25.4 billion), the U.S. Department of Agriculture (\$12.8 billion), the U.S. Department of Labor (\$6.1 billion), the U.S. Department of Defense (\$5.2 billion), and the U.S. Department of Energy (\$4.1 billion) (table 367).

Fiscal year 2003 estimates call for federal program funds for elementary and secondary education to be \$59.7 billion; for postsecondary education, \$29.3 billion; for research at universities and related institutions, \$29.2 billion; and for other programs, \$6.6 billion (table 368).

About 60 percent of total federal education support, excluding estimated federal tax expenditures, went to educational institutions in FY 2003. Another 20 percent was used for student support. Banks and other lending agencies received 8 percent, and multiple recipients, including libraries, museums, and federal institutions, received 12 percent (table 369).

Of the \$57.4 billion spent by the U.S. Department of Education in FY 2003, about \$23.8 billion went to school districts, \$10.7 billion to postsecondary institutions, \$11.0 billion to college students, \$6.2 billion to state education agencies, and 5.7 billion went to Federal agencies, multiple, and other types of recipients (table 370 and figure 21).

Federal Education Legislation

A capsule view of the history of federal education activities is provided in the following list of selected legislation:

- 1787** *Northwest Ordinance* authorized land grants for the establishment of educational institutions.
- 1802** *An Act Fixing the Military Peace Establishment of the United States* established the U.S. Military Academy. (The U.S. Naval Academy was established in 1845 by the Secretary of the Navy.)
- 1862** *First Morrill Act* authorized public land grants to the states for the establishment and maintenance of agricultural and mechanical colleges.
- 1867** *Department of Education Act* authorized the establishment of the U.S. Department of Education.*
- 1876** *Appropriation Act*, U.S. Department of the Treasury, established the U.S. Coast Guard Academy.
- 1890** *Second Morrill Act* provided for money grants for support of instruction in the agricultural and mechanical colleges.
- 1911** *State Marine School Act* authorized federal funds to be used for the benefit of any nautical school in any of 11 specified state seaport cities.
- 1917** *Smith-Hughes Act* provided for grants to states for support of vocational education.
- 1918** *Vocational Rehabilitation Act* provided for grants for rehabilitation through training of World War I veterans.
- 1919** *An Act to Provide for Further Educational Facilities* authorized the sale by the federal government of surplus machine tools to educational institutions at 15 percent of acquisition cost.
- 1920** *Smith-Bankhead Act* authorized grants to states for vocational rehabilitation programs.
- 1935** *Bankhead-Jones Act* (Public Law 74–182) authorized grants to states for agricultural experiment stations.
- Agricultural Adjustment Act* (Public Law 74–320) authorized 30 percent of the annual customs receipts to be used to encourage the exportation and domestic consumption of agricultural commodities. Commodities purchased under this authorization began to be used in school lunch programs in 1936. The National School Lunch Act of 1946 continued and expanded this assistance.
- 1936** *An Act to Further the Development and Maintenance of an Adequate and Well-Balanced American Merchant Marine* (Public Law 74–415) established the U.S. Merchant Marine Academy.
- 1937** *National Cancer Institute Act* established the Public Health Service fellowship program.
- 1941** *Amendment to Lanham Act of 1940* authorized federal aid for construction, maintenance, and operation of schools in federally impacted areas. Such assistance was continued under Public Law 815 and Public Law 874, 81st Congress, in 1950.
- 1943** *Vocational Rehabilitation Act* (Public Law 78–16) provided assistance to disabled veterans.
- School Lunch Indemnity Plan* (Public Law 78–129) provided funds for local lunch food purchases.
- 1944** *Servicemen's Readjustment Act* (Public Law 78–346) known as the GI Bill, provided assistance for the education of veterans.
- Surplus Property Act* (Public Law 78–457) authorized transfer of surplus property to educational institutions.
- 1946** *National School Lunch Act* (Public Law 79–396) authorized assistance through grants-in-aid and other means to states to assist in providing adequate foods and facilities for the establishment, maintenance, operation, and expansion of nonprofit school lunch programs.
- George-Barden Act* (Public Law 80–402) expanded federal support of vocational education.
- 1948** *United States Information and Educational Exchange Act* (Public Law 80–402) provided for the interchange of persons, knowledge, and skills between the United States and other countries.
- 1949** *Federal Property and Administrative Services Act* (Public Law 81–152) provided for donation of surplus property to educational institutions and for other public purposes.
- 1950** *Financial Assistance for Local Educational Agencies Affected by Federal Activities* (Pub-

*The U.S. Department of Education as established in 1867 was later known as the Office of Education. In 1980, under Public Law 96–88, it became a cabinet-level department. Therefore, for purposes of consistency, it is referred to as the "U.S. Department of Education" even in those tables covering years when it was officially the Office of Education.

lic Law 81–815 and Public Law 81–874) provided assistance for construction (Public Law 815) and operation (Public Law 874) of schools in federally affected areas.

Housing Act (Public Law 81–475) authorized loans for construction of college housing facilities.

- 1954** *An Act for the Establishment of the United States Air Force Academy and Other Purposes* (Public Law 83–325) established the U.S. Air Force Academy.

Educational Research Act (Public Law 83–531) authorized cooperative arrangements with universities, colleges, and state educational agencies for educational research.

School Milk Program Act (Public Law 83–597) provided funds for purchase of milk for school lunch programs.

- 1956** *Library Services Act* (Public Law 84–597) provided grants to states for extension and improvement of rural public library services.

- 1957** *Practical Nurse Training Act* (Public Law 84–911) provided grants to states for practical nurse training.

- 1958** *National Defense Education Act* (Public Law 85–864) provided assistance to state and local school systems for strengthening instruction in science, mathematics, modern foreign languages, and other critical subjects; improvement of state statistical services; guidance, counseling, and testing services and training institutes; higher education student loans and fellowships; foreign language study and training provided by colleges and universities; experimentation and dissemination of information on more effective utilization of television, motion pictures, and related media for educational purposes; and vocational education for technical occupations necessary to the national defense.

Education of Mentally Retarded Children Act (Public Law 85–926) authorized federal assistance for training teachers of the handicapped.

Captioned Films for the Deaf Act (Public Law 85–905) authorized a loan service of captioned films for the deaf.

- 1961** *Area Redevelopment Act* (Public Law 87–27) included provisions for training or retraining of persons in redevelopment areas.

- 1962** *Manpower Development and Training Act* (Public Law 87–415) provided training in new and

improved skills for the unemployed and underemployed.

Migration and Refugee Assistance Act of 1962 (Public Law 87–510) authorized loans, advances, and grants for education and training of refugees.

- 1963** *Health Professions Educational Assistance Act of 1963* (Public Law 88–129) provided funds to expand teaching facilities and for loans to students in the health professions.

Vocational Education Act of 1963 (Part of Public Law 88–210) increased federal support of vocational education schools; vocational work-study programs; and research, training, and demonstrations in vocational education.

Higher Education Facilities Act of 1963 (Public Law 88–204) authorized grants and loans for classrooms, libraries, and laboratories in public community colleges and technical institutes, as well as undergraduate and graduate facilities in other institutions of higher education.

- 1964** *Civil Rights Act of 1964* (Public Law 88–352) authorized the Commissioner of Education to arrange for support for institutions of higher education and school districts to provide in-service programs for assisting instructional staff in dealing with problems caused by desegregation.

Economic Opportunity Act of 1964 (Public Law 88–452) authorized grants for college work-study programs for students from low-income families; established a Job Corps program and authorized support for work-training programs to provide education and vocational training and work experience opportunities in welfare programs; authorized support of education and training activities and of community action programs, including Head Start, Follow Through, and Upward Bound; and authorized the establishment of Volunteers in Service to America (VISTA).

- 1965** *Elementary and Secondary Education Act of 1965* (Public Law 89–10) authorized grants for elementary and secondary school programs for children of low-income families; school library resources, textbooks, and other instructional materials for school children; supplementary educational centers and services; strengthening state education agencies; and educational research and research training.

Health Professions Educational Assistance Amendments of 1965 (Public Law 89–290) authorized scholarships to aid needy students in the health professions.

Higher Education Act of 1965 (Public Law 89–329) provided grants for university community service programs, college library assistance, library training and research, strengthening developing institutions, teacher training programs, and undergraduate instructional equipment. Authorized insured student loans, established a National Teacher Corps, and provided for graduate teacher training fellowships.

National Foundation on the Arts and the Humanities Act (Public Law 89–209) authorized grants and loans for projects in the creative and performing arts and for research, training, and scholarly publications in the humanities.

National Technical Institute for the Deaf Act (Public Law 89–36) provided for the establishment, construction, equipping, and operation of a residential school for postsecondary education and technical training of the deaf.

School Assistance in Disaster Areas Act (Public Law 89–313) provided for assistance to local education agencies to help meet exceptional costs resulting from a major disaster.

1966 *International Education Act* (Public Law 89–698) provided grants to institutions of higher education for the establishment, strengthening, and operation of centers for research and training in international studies and the international aspects of other fields of study.

National Sea Grant College and Program Act (Public Law 89–688) authorized the establishment and operation of Sea Grant Colleges and programs by initiating and supporting programs of education and research in the various fields relating to the development of marine resources.

Adult Education Act (Public Law 89–750) authorized grants to states for the encouragement and expansion of educational programs for adults, including training of teachers of adults and demonstrations in adult education (previously part of Economic Opportunity Act of 1964).

Model Secondary School for the Deaf Act (Public Law 89–694) authorized the establish-

ment and operation, by Gallaudet College, of a model secondary school for the deaf.

1967 *Education Professions Development Act* (Public Law 90–35) amended the Higher Education Act of 1965 for the purpose of improving the quality of teaching and to help meet critical shortages of adequately trained educational personnel.

Public Broadcasting Act of 1967 (Public Law 90–129) established a Corporation for Public Broadcasting to assume major responsibility in channeling federal funds to noncommercial radio and television stations, program production groups, and ETV networks; conduct research, demonstration, or training in matters related to noncommercial broadcasting; and award grants for construction of educational radio and television facilities.

1968 *Elementary and Secondary Education Amendments of 1968* (Public Law 90–247) modified existing programs, authorized support of regional centers for education of handicapped children, model centers and services for deaf-blind children, recruitment of personnel and dissemination of information on education of the handicapped; technical assistance in education to rural areas; support of dropout prevention projects; and support of bilingual education programs.

Handicapped Children's Early Education Assistance Act (Public Law 90–538) authorized pre-school and early education programs for handicapped children.

Vocational Education Amendments of 1968 (Public Law 90–576) modified existing programs and provided for a National Advisory Council on Vocational Education and collection and dissemination of information for programs administered by the Commissioner of Education.

1970 *Elementary and Secondary Education Assistance Programs, Extension* (Public Law 91–230) authorized comprehensive planning and evaluation grants to state and local education agencies; provided for the establishment of a National Commission on School Finance.

National Commission on Libraries and Information Services Act (Public Law 91–345) established a National Commission on Libraries and Information Science to effectively utilize the nation's educational resources.

Office of Education Appropriation Act (Public Law 91–380) provided emergency school as-

sistance to desegregating local education agencies.

Environmental Education Act (Public Law 91–516) established an Office of Environmental Education to develop curriculum and initiate and maintain environmental education programs at the elementary-secondary levels; disseminate information; provide training programs for teachers and other educational, public, community, labor, and industrial leaders and employees; provide community education programs; and distribute material dealing with the environment and ecology.

Drug Abuse Education Act of 1970 (Public Law 91–527) provided for development, demonstration, and evaluation of curricula on the problems of drug abuse.

1971 *Comprehensive Health Manpower Training Act of 1971* (Public Law 92–257) amended Title VII of the Public Health Service Act, increasing and expanding provisions for health manpower training and training facilities.

1972 *Drug Abuse Office and Treatment Act of 1972* (Public Law 92–255) established a Special Action Office for Drug Abuse Prevention to provide overall planning and policy for all federal drug-abuse prevention functions; a National Advisory Council for Drug Abuse Prevention; community assistance grants for community mental health centers for treatment and rehabilitation of persons with drug-abuse problems, and, in December 1974, a National Institute on Drug Abuse.

Education Amendments of 1972 (Public Law 92–318) established the Education Division in the U.S. Department of Health, Education, and Welfare and the National Institute of Education; general aid for institutions of higher education; federal matching grants for state Student Incentive Grants; a National Commission on Financing Postsecondary Education; State Advisory Councils on Community Colleges; a Bureau of Occupational and Adult Education and State Grants for the design, establishment, and conduct of postsecondary occupational education; and a bureau-level Office of Indian Education. Amended current U.S. Department of Education programs to increase their effectiveness and better meet special needs. Prohibited sex bias in admission to vocational, professional, and graduate schools, and public institutions of undergraduate higher education.

1973 *Older Americans Comprehensive Services Amendment of 1973* (Public Law 93–29) made available to older citizens comprehensive programs of health, education, and social services.

Comprehensive Employment and Training Act of 1973 (Public Law 93–203) provided for opportunities for employment and training to unemployed and underemployed persons. Extended and expanded provisions in the Manpower Development and Training Act of 1962, Title I of the Economic Opportunity Act of 1962, Title I of the Economic Opportunity Act of 1964, and the Emergency Employment Act of 1971 as in effect prior to June 30, 1973.

1974 *Education Amendments of 1974* (Public Law 93–380) provided for the consolidation of certain programs; and established a National Center for Education Statistics.

Juvenile Justice and Delinquency Prevention Act of 1974 (Public Law 93–415) provided for technical assistance, staff training, centralized research, and resources to develop and implement programs to keep students in elementary and secondary schools; and established, in the U.S. Department of Justice, a National Institute for Juvenile Justice and Delinquency Prevention.

1975 *Indian Self-Determination and Education Assistance Act* (Public Law 93–638) provided for increased participation of Indians in the establishment and conduct of their education programs and services.

Harry S Truman Memorial Scholarship Act (Public Law 93–642) established the Harry S Truman Scholarship Foundation and created a perpetual education scholarship fund for young Americans to prepare and pursue careers in public service.

Indochina Migration and Refugee Assistance Act of 1975 (Public Law 94–23) authorized funds to be used for education and training of aliens who have fled from Cambodia or Vietnam.

Education for All Handicapped Children Act (Public Law 94–142) provided that all handicapped children have available to them a free appropriate education designed to meet their unique needs.

1976 *Educational Broadcasting Facilities and Telecommunications Demonstration Act of 1976* (Public Law 94–309) established a tele-

communications demonstration program to promote the development of nonbroadcast telecommunications facilities and services for the transmission, distribution, and delivery of health, education, and public or social service information.

1977 *Youth Employment and Demonstration Projects Act of 1977* (Public Law 95–93) established a youth employment training program that includes, among other activities, promoting education-to-work transition, literacy training and bilingual training, and attainment of certificates of high school equivalency.

Career Education Incentive Act (Public Law 95–207) authorized the establishment of a career education program for elementary and secondary schools.

1978 *Tribally Controlled Community College Assistance Act of 1978* (Public Law 95–471) provided federal funds for the operation and improvement of tribally controlled community colleges for Indian students.

Education Amendments of 1978 (Public Law 95–561) established a comprehensive basic skills program aimed at improving pupil achievement (replaced the existing National Reading Improvement program); and established a community schools program to provide for the use of public buildings.

Middle Income Student Assistance Act (Public Law 95–566) modified the provisions for student financial assistance programs to allow middle-income as well as low-income students attending college or other postsecondary institutions to qualify for federal education assistance.

1979 *Department of Education Organization Act* (Public Law 96–88) established a U.S. Department of Education containing functions from the Education Division of the U.S. Department of Health, Education, and Welfare along with other selected education programs from HEW, the U.S. Department of Justice, U.S. Department of Labor, and the National Science Foundation.

1980 *Asbestos School Hazard Detection and Control Act of 1980* (Public Law 96–270) established a program for inspection of schools for detection of hazardous asbestos materials and provided loans to assist educational agencies to contain or remove and replace such materials.

1981 *Education Consolidation and Improvement Act of 1981* (Part of Public Law 97–35) consolidated 42 programs into 7 programs to be funded under the elementary and secondary block grant authority.

1983 *Student Loan Consolidation and Technical Amendments Act of 1983* (Public Law 98–79) established an 8 percent interest rate for Guaranteed Student Loans and an extended Family Contribution Schedule.

Challenge Grant Amendments of 1983 (Public Law 98–95) amended Title III, Higher Education Act, and added authorization of Challenge Grant program. The Challenge Grant program provides funds to eligible institutions on a matching basis as an incentive to seek alternative sources of funding.

Education of the Handicapped Act Amendments of 1983 (Public Law 98–199) added the Architectural Barrier amendment and clarified participation of handicapped children in private schools.

1984 *Education for Economic Security Act* (Public Law 98–377) added new science and mathematics programs for elementary, secondary, and postsecondary education. The new programs included magnet schools, excellence in education, and equal access.

Carl D. Perkins Vocational Education Act (Public Law 98–524) continued federal assistance for vocational education through FY 1989. The act replaced the Vocational Education Act of 1963. It provided aid to the states to make vocational education programs accessible to all persons, including handicapped and disadvantaged, single parents and homemakers, and the incarcerated.

Human Services Reauthorization Act (Public Law 98–558) created a Carl D. Perkins scholarship program, a National Talented Teachers Fellowship program, a Federal Merit Scholarships program, and a Leadership in Educational Administration program.

1985 *Montgomery GI Bill—Active Duty* (Public Law 98–525), brought about a new GI Bill for individuals who initially entered active military duty on or after July 1, 1985.

Montgomery GI Bill—Selected Reserve (Public Law 98–525), established an education program for members of the Selected Reserve (which includes the National Guard) who enlist, reenlist, or extend an enlistment after June 30, 1985, for a 6-year period.

- 1986** *Handicapped Children's Protection Act of 1986* (Public Law 99-372) allowed parents of handicapped children to collect attorneys' fees in cases brought under the Education of the Handicapped Act and provided that the Education of the Handicapped Act does not preempt other laws, such as Section 504 of the Rehabilitation Act.
- Drug-Free Schools and Communities Act of 1986* (Part of Public Law 99-570), part of the Anti-Drug Abuse Act of 1986, authorized funding for FYs 1987-89. Established programs for drug abuse education and prevention, coordinated with related community efforts and resources, through the use of federal financial assistance.
- 1987** *Higher Education Act Amendments of 1987* (Public Law 100-50) made technical corrections, clarifications, or conforming amendments related to the enactment of the Higher Education Amendments of 1986.
- 1988** *Augustus F. Hawkins-Robert T. Stafford Elementary and Secondary School Improvement Amendments of 1988* (Public Law 100-297) reauthorized through 1993 major elementary and secondary education programs including: Chapter 1, Chapter 2, Bilingual Education, Math-Science Education, Magnet Schools, Impact Aid, Indian Education, Adult Education, and other smaller education programs.
- Technology-Related Assistance for Individuals with Disabilities Act of 1988* (Public Law 100-407) provided financial assistance to states to develop and implement consumer-responsive statewide programs of technology-related assistance for persons of all ages with disabilities.
- Stewart B. McKinney Homeless Assistance Amendments Act of 1988* (Public Law 100-628) extended for two additional years programs providing assistance to the homeless, including literacy training for homeless adults and education for homeless youths.
- Tax Reform Technical Amendments* (Public Law 100-647) authorized an Education Savings Bond for the purpose of postsecondary educational expenses. The bill grants tax exclusion for interest earned on regular series EE savings bonds.
- 1989** *Children with Disabilities Temporary Care Reauthorization Act of 1989* (Public Law 101-127) revised and extended the programs established in the Temporary Child Care for Handicapped Children and Crises Nurseries Act of 1986.
- Childhood Education and Development Act of 1989* (Part of Public Law 101-239) authorized the appropriations to expand Head Start Programs and programs carried out under the Elementary and Secondary Education Act of 1965 to include child care services.
- 1990** *Excellence in Mathematics, Science and Engineering Education Act of 1990* (Public Law 101-589) was established to promote excellence in American mathematics, science, and engineering education by creating a national mathematics and science clearinghouse, and creating several other mathematics, science, and engineering education programs.
- Student Right-To-Know and Campus Security Act* (Public Law 101-542) required institutions of higher education receiving federal financial assistance to provide certain information with respect to the graduation rates of student-athletes at such institutions. The act also requires the institution to certify that it has a campus security policy and will annually submit a uniform crime report to the Federal Bureau of Investigation (FBI).
- Americans with Disabilities Act of 1990* (Public Law 101-336) prohibited discrimination against persons with disabilities.
- National and Community Service Act of 1990* (Public Law 101-610) increased school and college-based community service opportunities and authorized the President's Points of Light Foundation.
- School Dropout Prevention and Basic Skills Improvement Act of 1990* (Public Law 101-600) was established to improve secondary school programs for basic skills improvements and dropout reduction.
- Asbestos School Hazard Abatement Reauthorization Act of 1990* (Public Law 101-637) reauthorized the Asbestos School Hazard Abatement Act of 1984, which provided financial support to elementary and secondary schools to inspect for asbestos and to develop and implement an asbestos management plan.
- Eisenhower Exchange Fellowship Act of 1990* (Public Law 101-454) provided a permanent endowment for the Eisenhower Exchange Fellowship Program.
- Omnibus Budget Reconciliation Act of 1990* (Public Law 101-508) included a set of stu-

dent aid provisions that were estimated to yield a savings of \$2 billion over 5 years. These provisions included delayed Guaranteed Student Loan disbursements, tightened ability-to-benefit eligibility, expanded pro rata refund policy, and the elimination of student aid eligibility at high default schools.

1991 *National Literacy Act of 1991* (Public Law 102–73) established the National Institute for Literacy, the National Institute Board, and the Interagency Task Force on Literacy. Amended various federal laws to establish and extend various literacy programs.

High-Performance Computing Act of 1991 (Public Law 102–194) directed the President to implement a National High-Performance Computing Program. Provided for: (1) establishment of a National Research and Education Network; (2) standards and guidelines for high performance networks; and (3) the responsibility of certain federal departments and agencies with regard to the Network.

Veterans' Educational Assistance Amendments of 1991 (Public Law 102–127) restored certain educational benefits available to reserve and active-duty personnel under the Montgomery GI Bill to students whose course of studies were interrupted by the Persian Gulf War.

Civil Rights Act of 1991 (Public Law 102–166) amended the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967, and the Americans with Disabilities Act of 1990, with regard to employment discrimination. Established the Technical Assistance Training Institute.

1992 *Ready-To-Learn Act* (Public Law 102–545) amended the General Education Provisions Act to establish Ready-To-Learn Television programs to support educational programming and support materials for preschool and elementary school children and their parents, child care providers, and educators.

National Commission on Time and Learning, Extension (Public Law 102–359) amended the National Education Commission on Time and Learning Act to extend the authorization of appropriations for such Commission, amended the Elementary and Secondary Education Act of 1965 to revise provisions for (1) a specified civic education program; and (2) schoolwide projects for educationally disadvantaged children, and provided for additional Assistant Secretaries of Education.

1993 *Student Loan Reform Act* (Public Law 103–66) reformed the student aid process by phasing in a system of direct lending designed to provide savings for taxpayers and students. Allows students to choose among a variety of repayment options, including income contingency.

National Service Trust Act (Public Law 103–82) amended the National and Community Service Act of 1990 to establish a Corporation for National Service and enhance opportunities for national service. In addition, the Act provided education grants up to \$4,725 per year for 2 years to people age 17 years or older who perform community service before, during, or after postsecondary education.

NAEP Assessment Authorization (Public Law 103–33) authorizes the use of NAEP for state-by-state comparisons.

1994 *Goals 2000: Educate America Act* (Public Law 103–227) established a new federal partnership through a system of grants to states and local communities to reform the nation's education system. The Act formalized the national education goals and established the National Education Goals Panel. It also created a National Education Standards and Improvement Council (NESIC) to provide voluntary national certification of state and local education standards and assessments and established the National Skill Standards Board to develop voluntary national skill standards.

School-To-Work Opportunities Act of 1994 (Public Law 103–239) established a national framework within which states and communities can develop School-To-Work Opportunities systems to prepare young people for first jobs and continuing education. The Act also provided money to states and communities to develop a system of programs that include work-based learning, school-based learning, and connecting activities components. School-To-Work programs will provide students with a high school diploma (or its equivalent), a nationally recognized skill certificate, or an associate degree (if appropriate) and may lead to a first job or further education.

Safe Schools Act of 1994 (Part of Public Law 103–227) authorized the award of competitive grants to local educational agencies with serious crime to implement violence prevention

activities such as conflict resolution and peer mediation.

Educational Research, Development, Dissemination, and Improvement Act of 1994 (Part of Public Law 103–227) authorized the educational research and dissemination activities of the Office of Educational Research and Improvement. The regional educational laboratories and university-based research and development centers are authorized under this act.

Student Loan Default Exemption Extension (Public Law 103–235) amended the Higher Education Act of 1965 to extend until July 1, 1998, the effective date for cohort default rate extension for Historically Black Colleges and Universities, tribally controlled community colleges, and Navajo community colleges.

Improving America's Schools Act (Public Law 103–382) reauthorized and revamped the Elementary and Secondary Education Act. The legislation includes Title I, the federal government's largest program providing educational assistance to disadvantaged children; professional development and technical assistance programs; a safe and drug-free schools and communities provision; and provisions promoting school equity.

1995 *Amendment to the Elementary and Secondary Education Act of 1965* (Public Law 104–5) amended a provision of Part A of Title IX of the Elementary and Secondary Education Act of 1965 relating to Indian education, to provide a technical amendment and for other purposes.

1996 *Contract With America: Unfunded Mandates* (Public Law 104–4) curbed the practice of imposing unfunded federal mandates on states and local governments; strengthened the partnership between the federal government and state, local, and tribal governments; ended the imposition, in the absence of full consideration by Congress, of federal mandates on state, local, and tribal governments without adequate funding, in a manner that may displace other essential governmental priorities; and ensured that the federal government pays the costs incurred by those governments in complying with certain requirements under federal statutes and regulations.

Developmental Disabilities Assistance and Bill of Rights Act Amendments of 1996 (Public Law 104–1834) amended the Developmental

Disabilities Assistance and Bill of Rights Act to extend the act, and for other purposes.

Remove Grant Limits on Historically Black Colleges (Public Law 104–141) amended section 326 of the Higher Education Act of 1965 to permit continued participation by historically black graduate and professional schools in the grant program authorized by that section.

Correct Impact-Aid Payments (Public Law 104–195) amended the Impact Aid Program to provide for a hold-harmless with respect to amounts for payments relating to the federal acquisition of real property, and for other purposes.

Human Rights, Refugee, and Other Foreign Relations Provisions Act of 1996 (Public Law 104–319) made certain provisions with respect to internationally recognized human rights, refugees, and foreign relations to revise U.S. human rights policy.

1997 *Need-Based Educational Aid Antitrust Protection Act of 1997* (Public Law 105–43) amended the Improving America's Schools Act of 1994 to clarify the financial information exchanged between institutions of higher education.

The Taxpayer Relief Act of 1997 (Public Law 105–34) enacted the Hope Scholarship and Life-Long Learning Tax Credit provisions into law.

Individuals with Disabilities Education Act Amendments of 1997 (Public Law 105–17) amended the Individuals with Disabilities Education Act (IDEA) to revise its provisions and extend through fiscal year 2002 the authorization of appropriations for IDEA programs.

Emergency Student Loan Consolidation Act of 1997 (Public Law 105–78) amended the Higher Education Act to provide for improved student loan consolidation services.

1998 *Workforce Investment Act of 1998* (Public Law 105–220) enacted the Adult Education and Family Literacy Act, and substantially revised and extended, through fiscal year 2003, the Rehabilitation Act of 1973.

Omnibus Consolidated and Emergency Supplemental Appropriations Act, 1999 (Public Law 105–277) enacted the Reading Excellence Act, to promote the ability of children to read independently by the 3rd grade; earmarked funds to help states and school districts reduce class sizes in the early grades.

Charter School Expansion Act (Public Law 105–278) amended the charter school program, enacted in 1994 as Title X, Part C of the Elementary and Secondary Education Act of 1965.

Carl D. Perkins Vocational and Applied Technology Education Amendments of 1998 (Public Law 105–332) revised, in its entirety, the Carl D. Perkins Vocational and Applied Technology Education Act, and reauthorized the Act through fiscal year 2003.

Assistive Technology Act of 1998 (Public Law 105–394) replaced the Technology-Related Assistance for Individuals with Disabilities Act of 1988 with a new Act, authorized through fiscal year 2004, to address the assistive-technology needs of individuals with disabilities.

1999 *Education Flexibility Partnership Act of 1999* (Public Law 106–25) authorized the Secretary of Education to allow all states to participate in the Education Flexibility Partnership program.

District of Columbia College Access Act of 1999 (Public Law 106–98) established a program to afford high school graduates from the District of Columbia the benefits of in-state tuition at state colleges and universities outside the District of Columbia.

Ticket to Work and Work Incentives Improvement Act of 1999 (Public Law 106–170) amended the Social Security Act to expand the availability of health care coverage for working individuals with disabilities and establishes a Ticket to Work and Self-Sufficiency Program in the Social Security Administration to provide such individuals with meaningful opportunities to work.

2000 *The National Defense Authorization Act for Fiscal Year 2001* (Public Law 106–398) included, as Title XVIII, the Impact Aid Reauthorization Act of 2000, which extends the Impact Aid programs through fiscal year 2003.

College Scholarship Fraud Prevention Act of 2000 (Public Law 106–420) enhanced federal penalties for offenses involving scholarship fraud, required an annual scholarship fraud report by the Attorney General, the Secretary of Education, and the Federal Trade Commission (FTC), and required the Secretary of Education, in conjunction with the FTC, to maintain a scholarship fraud awareness website.

Consolidated Appropriations Act 2001 (Public Law 106–554) created a new program of assistance for school repair and renovation, and amended the Elementary and Secondary Education Act of 1965 to authorize credit enhancement initiatives to help charter schools obtain, construct, or repair facilities; reauthorized the Even Start program; and enacted the “Children’s Internet Protection Act.”

2001 *50th Anniversary of Brown v. the Board of Education* (Public Law 107–41) established a commission for the purpose of encouraging and providing for the commemoration of the 50th anniversary of the 1954 Supreme Court decision *Brown v. Board of Education*.

2002 *No Child Left Behind Act of 2001* (Public Law 107–110) provided for the comprehensive reauthorization of the Elementary and Secondary Education Act of 1965, incorporating specific proposals in such areas as testing, accountability, parental choice, and early reading.

The Department of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act of 2002 (Public Law 107–116) provided fiscal year 2002 funds for Department of Education programs.

Reauthorization of the National Center for Education Statistics and the Creating of the Institute of Education Sciences of 2002 (Public Law 107–279) established the Institute of Education Sciences within the U.S. Department of Education to carry out a coordinated, focused agenda of high-quality research, statistics, and evaluation that is relevant to the educational challenges of the nation. The Institute is administered by a Director, appointed by the President, and is comprised of three National Education Centers, each headed by a Commissioner.

The Higher Education Relief Opportunities for Students Act of 2001 (Public Law 107–122) provided the Secretary of Education with waiver authority under student financial aid programs under Title IV of the Higher Education Act of 1965, to deal with student and family situations resulting from the September 11, 2001 terrorist attacks.

Established fixed interest rates for student and parent borrowers (Public Law 107–139) under Title IV of the Higher Education Act of 1965.

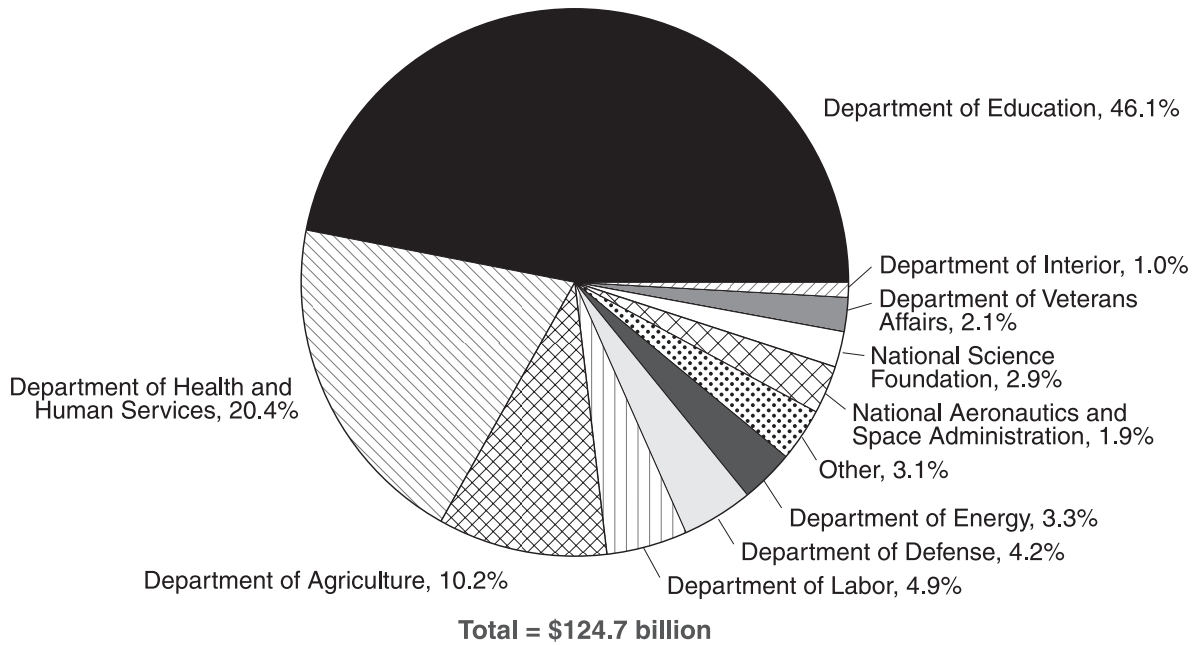
2003 *Consolidated Appropriations Resolution, 2003* (Public Law 108–7) provided fiscal year 2003

funds for the Department of Education (and other agencies).

The Higher Education Relief Opportunities for Students Act of 2003 (Public Law 108-76) provided the Secretary of Education with

waiver authority under student financial aid programs under Title IV of the Higher Education Act of 1965, to deal with student and family situations resulting from wars or national emergencies.

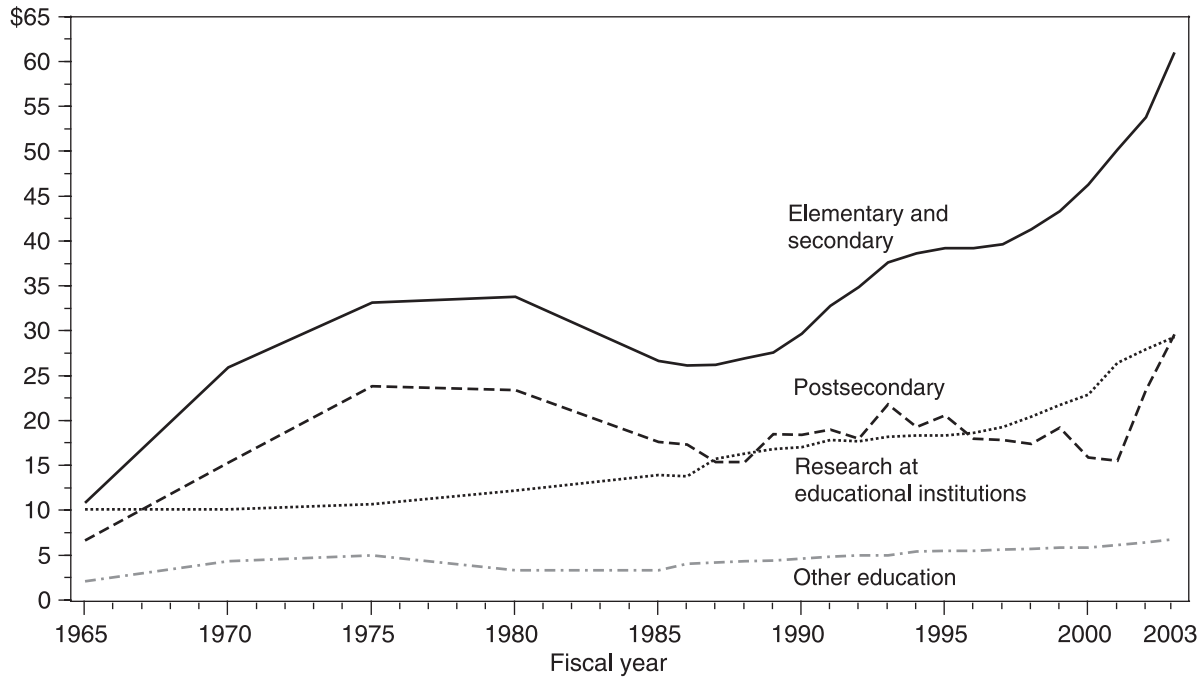
Figure 19. Percentage of federal on-budget funds for education, by agency: Fiscal year 2003



SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 2004*; and National Science Foundation, *Federal Funds for Research and Development, Fiscal Years 2001, 2002, and 2003*.

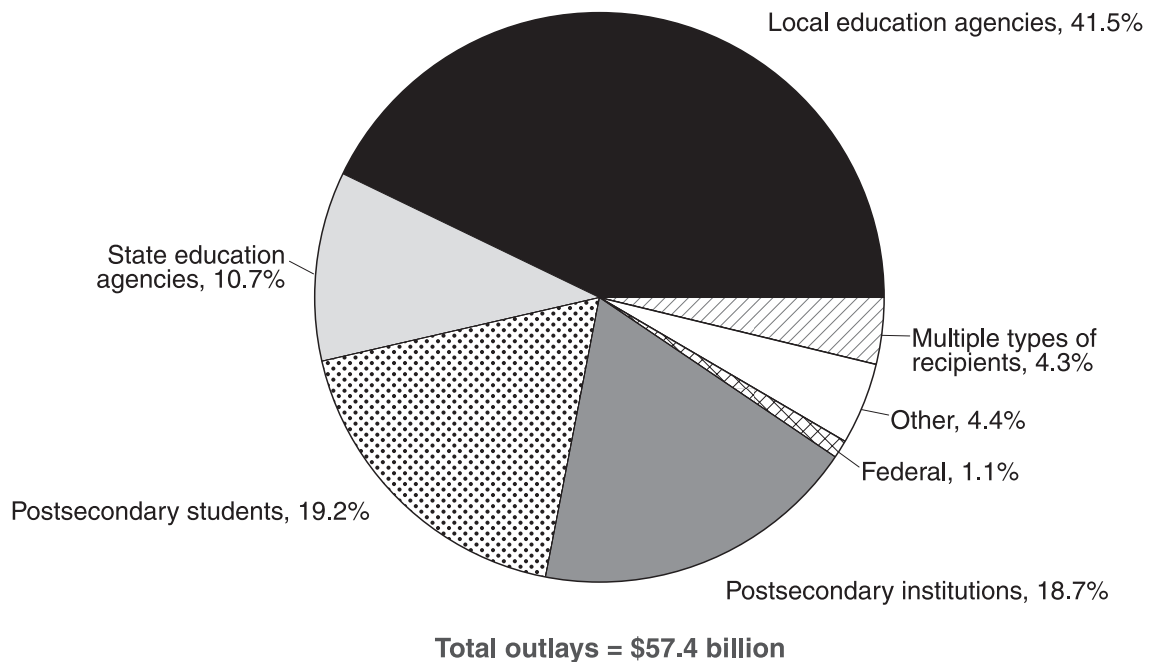
Figure 20. Federal on-budget funds for education, by level or other educational purpose: 1965 to 2003

In billions of constant FY 2003 dollars



SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government*, fiscal years 1967 to 2004; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1967 to 2003; and unpublished data.

Figure 21. Department of Education outlays, by type of recipient: Fiscal Year 2003



SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 2004; Catalog of Federal Domestic Assistance*; National Science Foundation, *Federal Funds for Research and Development, Fiscal Years 2001, 2002, and 2003*; and unpublished data obtained from various federal agencies.

Table 366. Federal support and estimated federal tax expenditures for education, by category: Selected fiscal years, 1965 to 2003
 [In millions of dollars]

Fiscal year	On-budget support ¹				Off-budget support				Off-budget support and nonfederal funds generated by federal legislation					Estimated federal tax expenditures for education ¹⁰	
	Total	Elementary and secondary	Post-secondary	Other education ²	Research at educational institutions	Total	Federal Direct Student Loans ³	Income Contingent Loans ⁴	Nonfederal funds	Federal Family Education Loans ⁵	Perkins Loans ⁵	Leveraging Educational Assistance Programs ⁶	Supplemental Educational Opportunity Grants ⁷		Work-Study and ⁸
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1965	\$5,354.7	\$1,942.6	\$1,197.5	\$374.7	\$1,816.3	\$23.7	\$23.7	†	†	†	†	†	†	†	—
1970	13,359.1	5,830.4	3,447.7	964.7	2,283.6	832.6	832.6	†	†	†	†	†	†	†	41.6
1975	24,691.5	10,617.2	7,644.0	1,608.5	3,418.4	1,403.0	1,403.0	†	†	†	†	†	†	†	114.7
1980	39,349.5	16,027.7	11,115.9	1,548.7	5,801.2	4,856.0	4,856.0	†	†	†	†	†	†	†	13,320.0
1985	47,753.4	16,901.3	11,174.4	2,107.6	8,844.6	8,752.5	8,752.5	†	†	†	†	†	†	†	19,105.0
1986	48,357.3	17,049.9	11,283.6	2,620.0	9,009.4	8,394.4	8,394.4	†	†	†	†	†	†	†	20,425.0
1987	50,724.6	17,535.7	12,300.0	2,820.4	10,538.6	9,529.8	9,529.8	†	†	†	†	†	†	†	20,830.0
1988	54,078.7	18,454.4	12,657.5	2,981.6	11,250.5	10,624.3	10,624.3	\$0.6	†	†	†	†	†	†	17,025.0
1989	59,537.4	19,809.5	13,269.9	3,180.3	12,009.8	11,267.8	11,267.8	0.5	†	†	†	†	†	†	17,755.0
1990	62,811.5	21,984.4	13,650.9	3,383.0	12,606.0	11,187.2	11,187.2	0.5	†	†	†	†	†	†	19,040.0
1991	67,481.1	25,443.1	14,707.4	3,698.6	13,775.4	12,372.0	12,372.0	0.5	†	†	†	†	†	†	18,995.0
1992	74,481.1	30,834.3	16,177.1	4,107.2	14,955.1	13,998.0	13,998.0	†	†	†	†	†	†	†	21,010.0
1993	82,781.5	32,304.4	17,171.2	4,483.7	15,289.1	14,527.3	14,527.3	†	†	†	†	†	†	†	22,630.0
1994	95,810.8	33,623.8	17,618.1	4,719.7	15,677.9	14,711.2	14,711.2	†	†	†	†	†	†	†	26,340.0
1996	96,833.0	34,391.5	15,959.4	5,021.2	16,332.3	15,508.6	15,508.6	†	†	†	†	†	†	†	28,125.0
1997	103,259.8	37,371.8	15,478.9	5,148.5	17,272.4	16,528.0	16,528.0	†	†	†	†	†	†	†	29,540.0
1998	107,810.5	37,486.2	15,799.6	5,148.5	18,475.0	17,272.4	17,272.4	†	†	†	†	†	†	†	37,360.0
1999	113,417.2	42,863.6	17,651.2	5,318.0	19,956.5	18,553.6	18,553.6	†	†	†	†	†	†	†	39,475.0
2000	119,541.6	43,908.8	15,008.7	5,484.6	21,660.1	20,072.0	20,072.0	†	†	†	†	†	†	†	41,460.0
2001	130,668.5	48,530.1	14,938.3	5,880.0	25,498.1	23,597.4	23,597.4	†	†	†	†	†	†	†	—
2002	150,192.5	52,754.1	19,319.6	6,297.7	27,345.5	25,822.0	25,822.0	†	†	†	†	†	†	†	—
2003 ¹¹	171,033.6	59,655.7	29,319.6	6,584.7	29,176.6	26,297.0	26,297.0	†	†	†	†	†	†	†	—

Current dollars

Constant fiscal year 2003 dollars¹²

1965	\$29,506.5	\$10,704.3	\$6,598.7	\$2,064.5	\$10,008.4	\$130.7	\$130.7	†	†	†	†	†	†	†	—
1970	60,062.1	26,213.5	15,000.8	4,337.4	10,267.2	3,745.2	3,745.2	†	†	†	†	†	†	†	\$41.9
1975	77,518.4	33,325.5	23,998.3	5,049.8	10,732.0	4,406.8	4,406.8	†	†	†	†	†	†	†	187.0
1980	83,127.6	33,859.2	23,482.8	3,271.8	12,255.3	10,268.5	10,268.5	†	†	†	†	†	†	†	\$27,015.2
1985	74,816.7	31,446.2	17,507.2	3,020.1	13,670.5	13,670.5	13,670.5	†	†	†	†	†	†	†	28,139.1
1986	73,952.5	31,115.0	17,559.9	4,006.8	13,777.9	12,837.5	12,837.5	†	†	†	†	†	†	†	29,932.4
1987	75,444.2	31,270.2	15,319.5	4,194.9	14,174.0	12,837.5	12,837.5	†	†	†	†	†	†	†	31,235.8
1988	78,072.1	32,734.0	15,386.0	4,304.4	15,674.4	14,174.0	14,174.0	†	†	†	†	†	†	†	30,981.1
1989	82,888.9	37,201.7	18,474.5	4,427.1	16,220.3	15,687.3	15,687.3	†	†	†	†	†	†	†	24,578.6
1990	86,622.5	38,399.8	18,399.8	4,559.9	16,991.4	15,079.0	15,079.0	†	†	†	†	†	†	†	24,718.8
1991	90,891.1	44,390.6	18,944.8	4,776.8	17,791.2	16,500.5	16,500.5	†	†	†	†	†	†	†	25,663.7
1992	103,185.5	47,525.7	19,656.6	4,984.8	17,702.7	17,479.5	17,479.5	†	†	†	†	†	†	†	25,532.3
1993	110,729.1	52,484.4	21,727.8	5,001.1	18,210.1	20,701.1	20,701.1	†	†	†	†	†	†	†	24,911.7
1994	111,611.1	53,553.3	19,306.3	5,351.0	18,246.6	20,701.1	20,701.1	†	†	†	†	†	†	†	25,582.8
1995	110,286.6	51,457.3	20,523.6	5,498.0	18,263.4	21,573.0	21,573.0	†	†	†	†	†	†	†	27,007.5
1996	115,380.0	51,169.7	17,967.3	5,498.0	18,601.5	21,573.0	21,573.0	†	†	†	†	†	†	†	28,656.8
1997	115,380.0	51,169.7	17,967.3	5,498.0	18,601.5	21,573.0	21,573.0	†	†	†	†	†	†	†	29,999.6
1998	119,273.0	50,086.3	17,832.7	5,610.5	19,299.7	22,129.2	22,129.2	†	†	†	†	†	†	†	31,426.2
1999	123,609.4	50,310.1	17,479.4	5,695.9	20,439.3	22,129.2	22,129.2	†	†	†	†	†	†	†	32,680.7
2000	127,001.0	43,526.9	19,237.4	5,795.9	21,749.8	21,913.9	21,913.9	†	†	†	†	†	†	†	40,717.3
2001	135,648.0	46,523.3	15,945.3	5,826.8	23,011.7	24,128.2	24,128.2	†	†	†	†	†	†	†	41,938.2
2002	153,309.5	50,379.5	15,507.5	6,104.1	26,469.8	25,635.0	25,635.0	†	†	†	†	†	†	†	43,040.0
2003 ¹¹	171,033.6	53,848.9	23,440.8	6,428.4	27,913.0	29,199.7	29,199.7	†	†	†	†	†	†	†	—

† Not available.

‡ Not applicable.

¹ On-budget support includes federal funds for education programs tied to appropriations.

² Other education includes libraries, museums, cultural activities, and miscellaneous research.

³ The Federal Direct Student Loan (FDSL) program, renamed the William D. Ford Direct Loan program, provides students with the same benefits they are currently eligible to receive under the Federal Family Education Loan (FFEL) program but provides loans to students through federal capital rather than through private lenders.

⁴ Formerly the Guaranteed Student Loan program. New student loans guaranteed by the federal government and disbursed to borrowers.

⁵ Student loans created from institutional matching funds (since 1993 1/3 of federal capital contributions). Excludes repayments of outstanding loans.

⁶ Student loans created from institutional matching funds (1/9 of the federal contribution). This was a demonstration project that involved only 10 institutions and had unsubsidized interest rates. Program repeated in FY 1992.

⁷ Formerly the State Student Incentive Grant program. Provides dollar-for-dollar required state matching contributions. Starting in fiscal year 2000, under \$30.0 million was dollar-for-dollar required state matching contributions, and over \$30.0 million, the state matching is two-to-one.

⁸ Institutions award grants to undergraduate students, and the federal share of such grants may not exceed 75 percent of the total grant.

⁹ Employer contributions to student earnings is generally 1/3 of federal allocation.

¹⁰ Losses of tax revenue attributable to provisions of the federal income tax laws that allow a special exclusion, exemption, or deduction from gross income or provide a special credit, preferential rate of tax, or a deferral of tax liability affecting individual or corporate income tax liabilities.

¹¹ Estimated.

¹² Data adjusted by the federal funds composite deflator prepared by the U.S. Office of Management and Budget, *Budget of the U.S. Government, Historical Tables, Fiscal Year 2005*.

NOTE: To the extent possible, federal education funds data represent outlays rather than obligations. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service, unpublished data and National Center for Education Statistics, compiled from data appearing in U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix, fiscal years 1967 to 2004*; National Science Foundation, *Federal Funds for Research and Development, fiscal years 1965 through 2003*; and unpublished data obtained from various federal agencies. (This table was prepared April 2004.)

Table 367. Federal on-budget funds for education, by agency: Selected fiscal years, 1970 to 2003
 [In thousands of current dollars]

Agency	1970	1975	1980	1985	1990	1995	2000	2001	2002	2003 ¹
1	2	3	4	5	6	7	8	9	10	11
Total	\$12,526,499	\$23,288,120	\$34,493,502	\$39,027,876	\$51,624,342	\$71,639,520	\$85,944,203	\$94,846,476	\$109,361,491	\$124,736,574
Department of Education	4,625,224	7,350,355	13,137,785	16,701,065	23,198,575	31,403,000	34,106,697	36,562,025	46,324,352	57,442,854
Department of Agriculture	960,910	2,219,352	4,562,467	4,782,274	6,260,843	9,092,089	11,080,031	11,329,740	12,033,544	12,756,018
Department of Commerce	13,990	38,967	135,561	55,114	53,835	88,929	114,575	134,654	130,660	90,100
Department of Defense	821,388	1,009,229	1,560,301	3,119,213	3,605,509	3,879,002	4,525,080	5,417,621	5,438,182	5,244,192
Department of Energy	551,527	764,676	1,605,558	2,247,822	2,561,950	2,692,314	3,577,004	3,885,773	3,992,886	4,086,914
Department of Health and Human Services	1,796,854	3,675,225	5,613,930	5,322,356	7,956,011	12,469,563	17,670,867	20,540,411	22,875,705	25,406,660
Department of Housing and Urban Development	114,709	52,768	5,314	438	118	1,613	1,400	1,600	1,600	1,500
Department of the Interior	190,975	300,191	440,547	549,479	630,537	702,796	959,802	1,092,588	1,186,213	1,231,006
Department of Justice	15,728	61,542	60,721	66,802	99,775	172,350	278,927	431,220	454,933	477,201
Department of Labor	424,494	1,103,935	1,862,738	1,948,685	2,511,380	3,967,914	4,696,100	5,193,100	5,865,100	6,082,500
Department of State	59,742	89,433	25,188	23,820	51,225	54,671	388,349	390,068	487,097	404,127
Department of Transportation	27,534	52,290	54,712	82,035	76,186	135,816	117,054	153,682	162,208	135,259
Department of the Treasury	18	1,118,840	1,247,463	290,276	41,715	49,496	83,000	88,000	163,000	195,000
Department of Veterans Affairs	1,032,918	4,402,212	2,351,233	1,289,849	757,476	1,324,382	1,577,374	1,802,342	2,122,289	2,653,341
Other agencies and programs										
ACTION	†	7,081	2,833	1,761	8,472	†	†	†	†	†
Agency for International Development	88,034	78,896	176,770	198,807	249,786	290,580	332,500	488,600	521,500	570,500
Appalachian Regional Commission	37,838	45,786	19,032	4,745	93	10,623	7,243	9,560	15,767	14,800
Barry Goldwater Scholarship and Excellence in Education Foundation ...	†	†	†	†	1,033	3,000	3,000	3,000	3,000	3,000
Corporation for National and Community Service	†	†	†	†	†	214,600	386,000	452,000	404,000	516,000
Environmental Protection Agency	19,446	33,875	41,083	60,521	87,481	125,721	98,900	125,400	163,900	171,600
Estimated education share of federal aid to the District of Columbia	33,019	55,487	81,847	107,340	104,940	78,796	127,127	147,093	166,057	174,400
Federal Emergency Management Agency	290	290	1,946	1,828	215	170,400	14,894	23,778	8,376	8,600
General Services Administration	14,775	22,532	34,800	†	†	†	†	†	†	†
Harry S Truman Scholarship fund	†	†	-1,895	1,332	2,883	3,000	3,000	2,000	4,000	3,000
Institute of American Indian and Alaskan Native Culture and Arts Development	†	†	†	†	4,305	13,000	2,000	4,000	4,000	5,000
Institute of Museum and Library Services ..	†	†	†	†	†	†	166,000	172,000	219,000	171,000
James Madison Memorial Fellowship Foundation	†	†	†	†	191	2,000	7,000	3,000	2,000	2,000
Japanese-United States Friendship Commission	†	†	2,294	2,236	2,299	2,000	3,000	3,000	3,000	3,000
Library of Congress	29,478	63,766	151,871	169,310	189,827	241,000	299,000	315,000	397,000	399,000
National Aeronautics and Space Administration	258,366	197,901	255,511	487,624	1,093,303	1,757,900	2,077,830	2,406,036	2,320,469	2,361,100
National Archives and Records Administration	†	†	†	52,118	77,397	105,172	121,879	148,175	219,000	294,000
National Commission on Libraries and Information Science	†	449	2,090	723	3,281	1,000	2,000	1,000	2,000	2,000
National Endowment for the Arts	340	4,754	5,220	5,536	5,577	9,421	10,048	10,442	11,109	11,350
National Endowment for the Humanities	8,459	63,955	142,586	125,671	141,048	151,727	100,014	105,709	97,731	106,093
National Science Foundation	295,628	535,294	808,392	1,147,115	1,588,891	2,086,195	2,955,244	3,338,936	3,491,851	3,642,115
Nuclear Regulatory Commission	†	7,093	32,590	30,261	42,328	22,188	12,200	12,100	10,700	12,900
Office of Economic Opportunity	1,092,410	16,619	†	†	†	†	†	†	†	†
Smithsonian Institution	2,461	5,509	5,153	7,886	5,779	9,961	25,764	28,723	36,761	35,799
United States Arms Control Agency	100	†	661	395	25	†	†	†	†	†
United States Information Agency	8,423	9,405	66,210	143,007	201,547	294,800	†	†	†	†
United States Institute of Peace	†	†	†	†	7,621	12,000	13,000	15,000	15,000	16,000
Other agencies	1,421	5,949	990	432	885	500	300	9,100	7,500	6,645

† Not applicable.

¹ Estimated, except for U.S. Department of Education, which are actual numbers.

NOTE: To the extent possible, amounts reported represent outlays, rather than obligations. Some data have been revised from previously published data. Detail may not sum to totals because of rounding. Negative amounts occur when program receipts exceed outlays.

SOURCE: U.S. Department of Education, National Center for Education Statistics, compiled from data appearing in U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1972 to 2004; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1970 to 2003; and unpublished data obtained from various federal agencies. (This table was prepared April 2004.)

**Table 368. Federal on-budget funds for education, by level or other educational purpose, agency, and program:
Selected fiscal years, 1970 to 2003**

[In thousands of current dollars]

Level or educational purpose, agency, and program	1970	1975	1980	1985	1990 ¹	1995 ²	2000 ³	2001 ⁴	2002 ⁵	2003 ⁶
1	2	3	4	5	6	7	8	9	10	11
Total, all programs	\$12,526,499	\$23,288,120	\$34,493,502	\$39,027,876	\$51,624,342	\$71,639,520	\$85,944,203	\$94,846,476	\$109,361,491	\$124,736,574
Elementary/secondary education programs	5,830,442	10,617,195	16,027,686	16,901,334	21,984,361	33,623,809	43,790,783	48,530,061	52,754,118	59,655,670
Department of Education ⁷	2,719,204	4,132,742	6,629,095	7,296,702	9,681,313	14,029,000	20,039,563	22,862,445	25,246,185	30,749,304
Education for the disadvantaged	1,339,014	1,874,353	3,204,664	4,206,754	4,494,111	6,808,000	8,529,111	8,647,199	9,247,725	11,253,024
Impact aid program ⁸	656,372	618,711	690,170	647,402	816,366	808,000	877,101	1,040,425	1,125,056	1,097,047
School improvement programs ⁹	288,304	700,470	788,918	526,401	1,189,158	1,397,000	2,549,971	2,925,237	3,809,953	6,752,890
Indian education	†	40,036	93,365	82,328	69,451	71,000	65,285	77,791	103,935	115,864
English Language Acquisition	21,250	92,693	169,540	157,539	188,919	225,000	362,662	362,662	414,132	565,126
Special education	79,090	151,244	821,777	1,017,964	1,616,623	3,177,000	4,948,977	5,809,009	7,000,092	8,490,699
Vocational and adult education	335,174	655,235	860,661	658,314	1,306,685	1,482,000	1,462,977	2,262,234	1,777,695	1,942,716
Education Reform - Goals 2000 ¹⁰	†	†	†	†	†	61,000	1,243,479	1,737,888	1,767,597	531,938
Department of Agriculture	760,477	1,884,345	4,064,497	4,134,906	5,528,950	8,201,294	10,051,278	10,140,527	10,836,407	11,614,372
Child nutrition programs ¹¹	299,131	1,452,267	3,377,056	3,664,561	4,977,075	7,644,789	9,554,028	9,561,027	10,253,932	11,414,372
Agricultural Marketing Service—										
commodities ¹²	341,597	248,839	388,000	336,502	350,441	400,000	400,000	400,000	399,935	15,000
Special milk program	83,800	122,858	159,293	15,993	18,707	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)
Estimated education share of Forest Service permanent appropriations ...	35,949	60,381	140,148	117,850	182,727	156,505	97,250	179,500	182,540	185,000
Department of Commerce	†	†	54,816	†	†	†	†	†	†	†
Local public works program—school facilities ¹³	†	†	54,816	†	†	†	†	†	†	†
Department of Defense	143,100	264,500	370,846	831,625	1,097,876	1,295,547	1,485,611	1,475,014	1,439,818	1,511,066
Junior R.O.T.C.	12,100	12,500	32,000	55,600	39,300	155,600	210,432	217,053	239,026	252,438
Overseas dependents schools	131,000	252,000	338,846	613,437	864,958	855,772	904,829	906,044	833,992	872,800
Domestic schools ⁸	†	†	†	162,588	193,618	284,175	370,350	351,917	366,800	385,828
Department of Energy ¹⁴	200	300	77,633	23,031	15,563	12,646	†	†	†	†
Energy conservation for school buildings ¹⁵	†	†	77,240	22,731	15,213	10,746	†	†	†	†
Pre-engineering program	200	300	393	300	350	1,900	†	†	†	†
Department of Health and Human Services ¹⁶	167,333	683,885	1,077,000	1,531,059	2,396,793	5,116,559	6,011,036	6,958,027	7,365,761	7,589,057
Head Start ¹⁷	†	403,900	735,000	1,075,059	1,447,758	3,534,000	5,267,000	6,199,812	6,536,977	6,667,533
Payments to states for AFDC work programs ¹⁸	†	†	†	†	459,221	953,000	15,000	4,000	16,489	16,500
Social Security student benefits ¹⁹	167,333	279,985	342,000	456,000	489,814	629,559	729,036	754,215	812,295	905,024
Department of the Interior	140,705	220,392	318,170	389,810	445,267	493,124	725,423	890,497	945,264	982,061
Mineral Leasing Act and other funds:										
Payments to states—estimated education share	12,294	27,389	62,636	127,369	123,811	18,750	24,610	34,680	62,325	70,432
Payments to counties—estimated education share	16,359	29,494	48,953	59,016	102,522	37,490	53,500	57,060	68,504	88,712
Indian Education:										
Bureau of Indian Affairs schools	95,850	141,056	178,112	177,265	192,841	411,524	466,905	488,418	503,819	512,292
Johnson-O'Malley assistance ²⁰ ..	16,080	22,251	28,081	25,675	25,556	24,359	17,387	16,998	17,113	16,908
Education construction	†	†	†	†	†	†	161,021	292,341	292,503	292,717
Education expenses for children of employees, Yellowstone National Park	122	202	388	485	538	1,000	2,000	1,000	1,000	1,000
Department of Justice	8,237	9,822	23,890	36,117	65,997	128,850	224,800	380,600	408,400	436,100
Vocational training expenses for prisoners in federal prisons	2,720	3,039	4,966	8,292	2,066	3,000	1,000	2,000	7,000	8,000
Inmate programs ²¹	5,517	6,783	18,924	27,825	63,931	125,850	223,800	378,600	401,400	428,100
Department of Labor	420,927	1,097,811	1,849,800	1,945,268	2,505,487	3,957,800	4,683,200	5,189,000	5,859,000	6,071,000
Job Corps ²²	†	175,000	469,800	604,748	739,376	1,029,000	1,256,000	1,369,000	1,467,000	1,511,000
Training programs—estimated funds for education programs ²³	420,927	922,811	1,380,000	1,340,520	1,766,111	2,928,800	3,427,200	3,820,000	4,392,000	4,560,000
Department of Transportation ²⁴	45	50	60	60	46	62	188	215	400	635
Tuition assistance for educational accreditation—Coast Guard personnel ²⁵	45	50	60	60	46	62	188	215	400	635
Department of the Treasury	†	847,139	935,903	273,728	†	†	†	†	†	†
Estimated education share of general revenue sharing: ²⁶										
State ²⁷	†	475,224	525,019	†	†	†	†	†	†	†
Local	†	371,915	410,884	273,728	†	†	†	†	†	†
Tuition assistance for educational accreditation—Coast Guard personnel ²⁵	†	†	†	†	†	†	†	†	†	†
Department of Veterans Affairs ²⁸	338,910	1,371,500	545,786	344,758	155,351	311,768	445,052	487,422	487,490	525,420
Noncollegiate and job training programs ²⁹	281,640	1,249,410	439,993	224,035	12,848	†	†	†	†	†
Vocational rehabilitation for disabled veterans ³⁰	41,700	73,100	87,980	107,480	136,780	298,132	438,635	479,817	487,490	525,420
Dependents' education ³¹	15,570	48,990	17,813	13,243	5,723	5,961	6,417	7,605	—	—
Service members occupational conversion and training act of 1992 ³²	†	†	†	†	†	7,675	†	†	†	†

See notes at end of table.

Table 368. Federal on-budget funds for education, by level or other educational purpose, agency, and program: Selected fiscal years, 1970 to 2003—Continued

[In thousands of current dollars]

Level or educational purpose, agency, and program	1970	1975	1980	1985	1990 ¹	1995 ²	2000 ³	2001 ⁴	2002 ⁵	2003 ⁶
1	2	3	4	5	6	7	8	9	10	11
Other agencies:										
Appalachian Regional Commission ³³	33,161	41,667	9,157	4,632	93	2,173	2,588	5,922	6,522	6,900
National Endowment for the Arts ³⁴	†	3,686	4,989	4,399	4,641	7,117	6,002	5,839	5,800	8,842
Arts in education	†	3,686	4,989	4,399	4,641	7,117	6,002	5,839	5,800	8,842
National Endowment for the Humanities ³⁵	20	149	330	321	404	997	812	1,063	511	413
Office of Economic Opportunity ³⁶	1,072,375	16,619	†	†	†	†	†	†	†	†
Head Start ³⁷	325,700	†	†	†	†	†	†	†	†	†
Other elementary and secondary programs ³⁸	42,809	16,612	†	†	†	†	†	†	†	†
Job Corps ³⁹	144,000	†	†	†	†	†	†	†	†	†
Youth Corps and other training programs ⁴⁰	553,368	7	†	†	†	†	†	†	†	†
Volunteers in Service to America (VISTA) ⁴¹	6,498	†	†	†	†	†	†	†	†	†
Other programs:										
Estimated education share of federal aid to the District of Columbia	25,748	42,588	65,714	84,918	86,579	66,871	115,230	133,490	152,560	160,500
Postsecondary education programs	\$3,447,697	\$7,644,037	\$11,115,882	\$11,174,379	\$13,650,915	\$17,618,137	\$15,008,715	\$14,938,278	\$22,964,177	\$29,319,632
Department of Education ⁷	1,187,962	2,089,184	5,682,242	8,202,499	11,175,978	14,234,000	10,727,315	9,840,748	17,056,188	22,706,436
Student financial assistance ⁴²	†	†	3,682,289	4,162,695	5,920,328	7,047,000	9,060,317	10,160,986	12,577,937	14,092,384
Federal Direct Student Loan Program ^{43,44}	†	†	†	†	†	840,000	-2,862,240	255,162	97,304	5,115,949
Federal Family Education Loan Program ^{44,45}	2,323	111,087	1,407,977	3,534,795	4,372,446	5,190,000	2,707,473	-2,404,824	2,342,829	1,216,003
Higher education	1,029,131	1,838,066	399,787	404,511	659,492	871,000	1,530,779	1,462,478	1,687,173	1,930,342
Facilities—loans and insurance ⁴⁴	114,199	16,292	-19,031	5,307	19,219	-6,000	-2,174	-957	1,993	-5,702
College housing loans ^{44,46}	†	†	14,082	-164,061	-57,167	-46,000	-41,886	-30,654	-36,933	-31,590
Educational activities overseas	774	1,881	3,561	1,838	82	†	†	†	†	†
Historically Black Colleges and Universities Capital Financing, Program Account ⁴⁷	†	†	†	†	†	†	150	195	197	133
Gallaudet College and Howard University	38,559	111,971	176,829	229,938	230,327	292,000	291,060	340,103	330,807	336,261
National Technical Institute for the Deaf ⁴⁸	2,976	9,887	16,248	27,476	31,251	46,000	43,836	58,259	54,881	52,656
Department of Agriculture	†	6,450	10,453	17,741	31,273	33,373	30,676	82,437	88,764	93,626
Agriculture Extension Service, Second Morrill Act payments to agricultural and mechanical colleges and Tuskegee Institute ⁴⁹	†	6,450	10,453	17,741	31,273	33,373	30,676	82,437	88,764	93,626
Department of Commerce	8,277	14,973	29,971	2,163	3,312	3,487	3,800	3,954	4,160	4,200
Sea Grant Program ⁵⁰	†	1,886	3,123	2,163	3,312	3,487	3,800	3,954	4,160	4,200
Merchant Marine Academy ⁵¹	6,160	10,152	14,809	†	†	†	†	†	†	†
State marine schools ⁵¹	2,117	2,935	12,039	†	†	†	†	†	†	†
Department of Defense ⁵²	322,100	379,800	545,000	1,041,700	635,769	729,500	1,147,759	1,299,169	1,485,552	1,569,079
Tuition assistance for military personnel	57,500	86,800	(⁵³)	77,100	95,300	127,000	263,303	346,458	401,498	426,536
Service academies ⁵⁴	78,700	86,200	106,100	196,400	120,613	163,300	212,678	241,187	245,786	264,670
Senior R.O.T.C.	108,100	116,500	(⁵³)	354,000	193,056	219,400	363,461	387,091	471,867	494,195
Professional development education ⁵⁵	77,800	90,300	(⁵³)	414,200	226,800	219,800	308,317	324,433	366,401	383,678
Department of Energy ¹⁴	3,000	3,000	57,701	19,475	25,502	28,027	†	†	†	†
University laboratory cooperative program	3,000	3,000	2,800	6,500	9,402	8,552	†	†	†	†
Teacher development projects ⁵⁶	†	†	1,400	†	†	†	†	†	†	†
Graduate traineeship programs ⁵⁷	—	—	—	—	—	—	†	†	†	†
Energy conservation for buildings—higher education ¹⁵	†	†	53,501	12,705	7,459	7,381	†	†	†	†
Minority honors vocational training ⁵⁸	†	†	†	150	†	†	†	†	†	†
Honors research program ⁵⁸	†	†	†	120	6,472	2,221	†	†	†	†
Students and teachers ⁵⁹	†	†	†	†	2,169	9,873	†	†	†	†
Department of Health and Human Services ¹⁶	981,483	1,686,650	2,412,058	516,088	578,542	796,035	954,190	1,360,554	1,567,367	1,698,087
Health professions training programs ⁶⁰	353,029	599,350	460,736	212,200	230,600	298,302	340,361	681,062	818,056	882,396
Indian health manpower ⁶¹	†	†	7,187	5,577	9,508	27,000	16,000	29,000	34,000	35,000
National Health Service Corps scholarships	†	1,206	70,667	2,268	4,759	78,206	33,300	43,000	46,200	46,300
National Institutes of Health training grants ⁶²	†	154,875	176,388	217,927	241,356	380,502	550,220	589,704	650,686	715,789
National Institute of Occupational Safety and Health training grants	8,088	7,182	12,899	8,760	10,461	11,660	14,198	17,699	18,358	18,558
Alcohol, drug abuse, and mental health training programs ⁶³	118,366	83,727	122,103	43,617	81,353	†	†	†	†	†
Health teaching facilities	†	353	3,078	739	505	365	110	89	67	44
Social Security postsecondary students' benefits ⁶⁴	502,000	839,957	1,559,000	25,000	†	†	†	†	†	†
Department of Housing and Urban Development ⁴⁴	114,199	-55,418	†	†	†	†	†	†	†	†
College housing loans ^{44,46}	114,199	-55,418	†	†	†	†	†	†	†	†

See notes at end of table.

Table 368. Federal on-budget funds for education, by level or other educational purpose, agency, and program: Selected fiscal years, 1970 to 2003—Continued

[In thousands of current dollars]

Level or educational purpose, agency, and program	1970	1975	1980	1985	1990 ¹	1995 ²	2000 ³	2001 ⁴	2002 ⁵	2003 ⁶
1	2	3	4	5	6	7	8	9	10	11
Department of the Interior	31,749	50,844	80,202	125,247	135,480	159,054	187,179	149,391	185,849	205,545
Shared revenues, Mineral Leasing Act and other receipts—										
estimated education share	6,949	15,480	35,403	71,991	69,980	82,810	98,740	58,580	89,614	107,665
Indian programs:										
Continuing education ⁶⁵	9,380	13,311	16,909	24,338	34,911	43,907	57,576	63,044	68,340	70,109
Higher education scholarships	15,420	22,053	27,890	28,918	30,589	32,337	30,863	27,767	27,895	27,771
Department of State	30,850	50,347	†	†	2,167	3,000	319,000	316,800	385,000	299,000
Educational exchange ⁶⁶	30,850	50,347	†	†	—	†	319,000	316,800	385,000	299,000
Mutual educational and cultural exchange activities	30,454	50,300	†	†	—	†	303,000	300,800	361,000	276,000
International educational exchange activities	396	47	†	†	—	†	16,000	16,000	24,000	23,000
Russian, Eurasian, and East European Research and Training ⁶⁷	†	†	†	†	2,167	3,000	†	†	†	†
Department of Transportation ²⁴	11,197	11,885	12,530	55,569	46,025	59,257	60,300	80,500	78,700	90,200
Merchant Marine Academy ⁵¹	†	†	†	19,898	20,926	30,850	34,000	49,000	43,000	50,000
State marine schools ⁵¹	†	†	†	19,777	8,269	8,980	7,000	7,000	7,000	7,000
Coast Guard Academy ²⁵	9,342	9,780	10,000	11,857	12,074	13,500	15,500	15,200	17,700	18,800
Postgraduate training for Coast Guard officers ⁶⁸	1,655	1,855	2,230	3,499	4,173	5,513	2,500	6,900	7,200	8,800
Tuition assistance to Coast Guard military personnel ²⁵	200	250	300	538	582	414	1,300	2,400	3,800	5,600
Department of the Treasury	†	268,605	296,750	†	†	†	†	†	†	†
General revenue sharing—estimated state share to higher education ^{26,27}	†	268,605	296,750	†	†	†	†	†	†	†
Coast Guard Academy ²⁵	†	†	†	†	†	†	†	†	†	†
Postgraduate training for Coast Guard officers ⁶⁸	†	†	†	†	†	†	†	†	†	†
Tuition assistance to Coast Guard military personnel ²⁵	†	†	†	†	†	†	†	†	†	†
Department of Veterans Affairs ²⁸	693,490	3,029,600	1,803,847	944,091	599,825	1,010,114	1,132,322	1,314,920	1,634,799	2,127,921
Vietnam-era veterans: ⁶⁹	638,260	2,840,600	1,579,974	694,217	46,998	†	†	†	†	†
College student support	†	†	1,560,081	679,953	39,458	†	†	†	†	†
Work-study	†	†	19,893	14,264	7,540	†	†	†	†	†
Service persons college support ⁷⁰	18,900	74,690	46,617	35,630	8,911	†	†	†	†	†
Post-Vietnam veterans ⁷¹	†	†	922	82,554	161,475	33,596	3,958	4,000	2,227	3,260
All-volunteer-force educational assistance: ⁷²	†	†	†	196	269,947	868,394	984,068	1,129,264	1,385,109	1,861,613
Veterans ⁷³	†	†	†	†	183,765	760,390	876,434	993,271	1,236,125	1,700,424
Reservists ⁷⁴	†	†	†	196	86,182	108,004	107,634	135,993	148,984	161,189
Veteran dependents' education ⁷⁵	36,330	114,310	176,334	131,494	100,494	95,124	131,296	167,939	233,819	249,048
Payments to state education agencies ⁷⁶	†	†	†	†	12,000	13,000	13,000	13,717	13,644	14,000
Other agencies:										
Appalachian Regional Commission ³³	4,105	2,545	1,751	—	—	2,741	2,286	2,025	7,258	6,000
National Endowment for the Humanities ³⁵	3,349	25,320	56,451	49,098	50,938	56,481	28,395	30,581	30,000	39,538
National Science Foundation	42,000	60,283	64,583	60,069	161,884	211,800	389,000	432,000	415,000	454,000
Science and engineering education programs	37,000	60,283	64,583	60,069	161,884	211,800	389,000	432,000	415,000	454,000
Sea Grant Program ⁵⁰	5,000	†	†	†	†	†	†	†	†	†
United States Information Agency ⁷⁷ ..	8,423	9,405	51,095	124,041	181,172	260,800	†	†	†	†
Educational and cultural affairs ⁶⁶	†	†	49,546	21,079	35,862	13,600	†	†	†	†
Educational and cultural exchange programs ⁷⁸	†	†	†	101,529	145,307	247,200	†	†	†	†
Educational exchange activities, international	†	†	1,549	1,433	3	†	†	†	†	†
Information center and library activities ⁷⁹	8,423	9,405	†	†	†	†	†	†	†	†
Other programs:										
Barry Goldwater Scholarship and Excellence in Education Foundation ⁸⁰	†	†	†	—	1,033	3,000	3,000	3,000	3,000	3,000
Estimated education share of federal aid to the District of Columbia	5,513	10,564	13,143	15,266	14,637	9,468	11,493	13,199	12,539	13,000
Harry S Truman Scholarship fund ^{44,81}	†	†	-1,895	1,332	2,883	3,000	3,000	2,000	4,000	3,000
Institute of American Indian and Alaskan Native Culture and Arts Development ⁸²	†	†	†	—	4,305	13,000	2,000	4,000	4,000	5,000
James Madison Memorial Fellowship Foundation ⁸³	†	†	†	—	191	2,000	7,000	3,000	2,000	2,000
Other education programs	\$964,719	\$1,608,478	\$1,548,730	\$2,107,588	\$3,383,031	\$4,719,655	\$5,484,571	\$5,880,007	\$6,297,697	\$6,584,678
Department of Education ⁷	630,235	1,045,659	747,706	1,173,055	2,251,801	2,861,000	3,223,355	3,293,355	3,396,823	3,435,182
Administration	47,456	108,372	187,317	284,900	328,293	404,000	458,054	551,681	531,259	548,318
Libraries ⁸⁴	108,284	225,810	129,127	85,650	137,264	117,000	†	†	†	†
Rehabilitative services and disability research	473,091	709,483	426,886	798,298	1,780,360	2,333,000	2,755,468	2,730,254	2,852,170	2,871,797
American Printing House for the Blind	1,404	1,994	4,349	4,230	5,736	7,000	9,368	10,531	12,925	14,875

See notes at end of table.

Table 368. Federal on-budget funds for education, by level or other educational purpose, agency, and program: Selected fiscal years, 1970 to 2003—Continued

[In thousands of current dollars]

Level or educational purpose, agency, and program	1970	1975	1980	1985	1990 ¹	1995 ²	2000 ³	2001 ⁴	2002 ⁵	2003 ⁶
1	2	3	4	5	6	7	8	9	10	11
Trust funds and contributions ⁴⁴	†	†	27	-23	148	†	465	889	469	192
Department of Agriculture	135,637	220,395	271,112	336,375	352,511	422,878	444,477	454,576	469,373	472,720
Extension Service	131,734	215,523	263,584	325,986	337,907	405,371	424,174	432,476	447,473	450,520
National Agricultural Library	3,903	4,872	7,528	10,389	14,604	17,507	20,303	22,100	21,900	22,200
Department of Commerce	1,226	2,317	2,479	†	†	†	†	†	†	†
Maritime Administration:										
Training for private sector employees ⁵¹	1,226	2,317	2,479	†	†	†	†	†	†	†
Department of Health and Human Services ¹⁶	24,273	31,653	37,819	47,195	77,962	138,000	214,000	243,000	276,200	307,900
National Library of Medicine	24,273	31,653	37,819	47,195	77,962	138,000	214,000	243,000	276,200	307,900
Department of Housing and Urban Development	†	†	†	†	†	†	†	†	†	†
Urban mass transportation—managerial training grants ⁸⁵	†	†	†	†	†	†	†	†	†	†
Department of Justice	5,546	42,818	27,642	25,517	26,920	36,296	34,727	29,120	23,433	25,301
FBI National Academy	2,066	5,100	7,234	4,189	6,028	12,831	22,479	22,198	18,958	18,824
FBI Field Police Academy	2,500	5,254	7,715	10,220	10,548	11,140	11,962	6,644	4,366	6,477
Narcotics and dangerous drug training	980	1,152	2,416	83	850	325	286	278	109	—
National Institute of Corrections ⁸⁶	†	31,312	10,277	11,025	9,494	12,000	†	†	†	†
Department of State	20,672	28,113	25,000	23,791	47,539	51,648	69,349	73,268	102,097	105,127
Foreign Service Institute	15,857	20,750	25,000	23,791	47,539	51,648	69,349	73,268	102,097	105,127
Center for Cultural and Technical Interchange ⁶⁶	4,815	7,363	†	†	†	†	†	†	†	†
Department of Transportation ²⁴	3,964	11,877	10,212	3,785	1,507	650	700	495	591	600
Highways training and education grants ⁸⁷	2,418	3,250	3,412	1,500	—	—	—	—	—	—
Maritime Administration:										
Training for private sector employees ⁵¹	†	†	†	1,135	1,507	650	700	495	591	600
Urban mass transportation—managerial training grants ⁸⁵	1,546	2,627	500	1,150	†	†	†	†	†	†
Federal Aviation Administration ⁸⁸ Air traffic controllers second career program ⁸⁹	—	6,000	6,300	—	—	—	—	—	—	—
Department of the Treasury	18	3,096	14,584	16,160	41,488	48,000	83,000	88,000	163,000	195,000
Federal Law Enforcement Training Center ⁹⁰	18	3,096	14,584	16,160	41,488	48,000	83,000	88,000	163,000	195,000
Other agencies:										
ACTION ⁹¹	†	7,045	2,833	1,761	8,472	†	†	†	†	†
Estimated education funds ⁹²	†	7,045	2,833	1,761	8,472	†	†	†	†	†
Agency for International Development	88,034	78,896	99,707	141,847	170,371	260,408	299,000	452,000	480,000	526,000
Education and human resources	61,570	58,349	80,518	115,104	142,801	248,408	299,000	452,000	480,000	526,000
American schools and hospitals abroad	26,464	20,547	19,189	26,743	27,570	12,000	†	†	†	†
Appalachian Regional Commission ³²	572	1,574	8,124	113	†	5,709	2,369	1,613	1,987	1,900
Corporation for National and Community Service ⁹¹	†	†	†	†	†	214,600	386,000	452,000	404,000	516,000
Estimated education funds ⁹²	†	†	†	†	†	214,600	386,000	452,000	404,000	516,000
Federal Emergency Management Agency ⁹³	290	290	281	405	215	170,400	14,894	23,778	8,376	8,600
Estimated architect/engineer student development program ⁹⁴	40	40	31	155	200	—	—	—	—	—
Estimated other training programs ⁹⁵	250	250	250	250	15	—	—	450	380	600
Estimated disaster relief ⁹⁶	—	—	—	—	—	170,400	14,894	23,328	7,996	8,000
General Services Administration										
Libraries and other archival activities ⁹⁷	14,775	22,532	34,800	†	†	†	†	†	†	†
Institute of Museum and Library Services ⁸⁴	†	†	†	†	†	†	166,000	172,000	219,000	171,000
Japanese-United States Friendship Commission ⁹⁸	†	†	2,294	2,236	2,299	2,000	3,000	3,000	3,000	3,000
Library of Congress	29,478	63,766	151,871	169,310	189,827	241,000	299,000	315,000	397,000	399,000
Salaries and expenses	20,700	48,798	102,364	130,354	148,985	198,000	247,000	260,000	342,000	354,000
Books for the blind and the physically handicapped	6,195	11,908	31,436	32,954	37,473	39,000	46,000	49,000	50,000	42,000
Special foreign currency program	2,273	2,333	3,492	4,621	10	†	†	†	†	†
Furniture and furnishings	310	727	14,579	1,381	3,359	4,000	6,000	6,000	5,000	3,000
National Aeronautics and Space Administration										
Aerospace education services project	350	600	882	1,800	3,300	5,923	6,800	6,832	6,569	†
National Archives and Records Administration ⁹⁹										
Libraries and other archival activities	†	†	†	52,118	77,397	105,172	121,879	148,175	219,000	294,000
National Commission on Libraries and Information Science ¹⁰⁰	†	449	2,090	723	3,281	1,000	2,000	1,000	2,000	2,000
National Endowment for the Arts ³⁴ ..	340	1,068	231	1,137	936	2,304	4,046	4,603	5,309	2,508
National Endowment for the Humanities ³⁵	5,090	38,486	85,805	76,252	89,706	94,249	70,807	74,065	67,220	66,141

See notes at end of table.

Table 368. Federal on-budget funds for education, by level or other educational purpose, agency, and program: Selected fiscal years, 1970 to 2003—Continued

[In thousands of current dollars]

Level or educational purpose, agency, and program	1970	1975	1980	1985	1990 ¹	1995 ²	2000 ³	2001 ⁴	2002 ⁵	2003 ⁶
1	2	3	4	5	6	7	8	9	10	11
Smithsonian Institution	2,461	5,509	5,153	7,886	5,779	9,961	25,764	28,723	36,761	35,799
Museum programs and related research	2,261	4,203	3,254	4,665	690	3,190	18,000	21,000	29,000	27,000
National Gallery of Art extension service	200	300	426	675	474	771	764	723	761	799
Woodrow Wilson International Center for Scholars	†	1,006	1,473	2,546	4,615	6,000	7,000	7,000	7,000	8,000
U.S. Information Agency—Center for Cultural and Technical Interchange ⁶⁵	†	†	15,115	18,966	20,375	34,000	†	†	†	†
U.S. Institute of Peace ¹⁰¹	†	†	†	—	7,621	12,000	13,000	15,000	15,000	16,000
Other programs:										
Estimated education share of federal aid for the District of Columbia	1,758	2,335	2,990	7,156	3,724	2,457	404	404	958	900
Research programs at universities and related institutions¹⁰²	\$2,283,641	\$3,418,410	\$5,801,204	\$8,844,575	\$12,606,035	\$15,677,919	\$21,660,134	\$25,498,130	\$27,345,499	\$29,176,593
Department of Education ¹⁰³	87,823	82,770	78,742	28,809	89,483	279,000	116,464	565,477	625,156	551,932
Department of Agriculture	64,796	108,162	216,405	293,252	348,109	434,544	553,600	652,200	639,000	575,300
Department of Commerce	4,487	21,677	48,295	52,951	50,523	85,442	110,775	130,700	126,500	85,900
Department of Defense	356,188	364,929	644,455	1,245,888	1,871,864	1,853,955	1,891,710	2,643,438	2,512,812	2,164,047
Department of Energy	548,327	761,376	1,470,224	2,205,316	2,520,885	2,651,641	3,577,004	3,885,773	3,992,886	4,086,914
Department of Health and Human Services	623,765	1,273,037	2,087,053	3,228,014	4,902,714	6,418,969	10,491,641	11,978,830	13,666,377	15,811,616
Department of Housing and Urban Development	510	2,650	5,314	438	118	1,613	1,400	1,600	1,600	1,500
Department of the Interior	18,521	28,955	42,175	34,422	49,790	50,618	47,200	52,700	55,100	43,400
Department of Justice	1,945	8,902	9,189	5,168	6,858	7,204	19,400	21,500	23,100	15,800
Department of Labor	3,567	6,124	12,938	3,417	5,893	10,114	12,900	4,100	6,100	11,500
Department of State	8,220	10,973	188	29	1,519	23	†	†	†	†
Department of Transportation	12,328	28,478	31,910	22,621	28,608	75,847	55,866	72,472	82,517	43,824
Department of the Treasury	†	†	226	388	227	1,496	†	†	†	†
Department of Veterans Affairs	518	1,112	1,600	1,000	2,300	2,500	†	†	†	†
ACTION	†	36	†	†	†	†	†	†	†	†
Agency for International Development	†	†	77,063	56,960	79,415	30,172	33,500	36,600	41,500	44,500
Environmental Protection Agency	19,446	33,875	41,083	60,521	87,481	125,721	98,900	125,400	163,900	171,600
Federal Emergency Management Agency	†	†	1,665	1,423	†	†	†	†	†	†
National Aeronautics and Space Administration	258,016	197,301	254,629	485,824	1,090,003	1,751,977	2,071,030	2,399,204	2,313,900	2,361,100
National Science Foundation	253,628	475,011	743,809	1,087,046	1,427,007	1,874,395	2,566,244	2,906,936	3,076,851	3,188,115
Nuclear Regulatory Commission	†	7,093	32,590	30,261	42,328	22,188	12,200	12,100	10,700	12,900
Office of Economic Opportunity	20,035	†	†	†	†	†	†	†	†	†
U.S. Arms Control and Disarmament Agency	100	†	661	395	25	†	†	†	†	†
Other agencies	1,421	5,949	990	432	885	500	300	9,100	7,500	6,645

† Not applicable.

—Not available.

¹ Excludes \$4,440,000,000 for federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Is not included in the total because data before fiscal year 1990 are not available. This program has existed since Medicare began, but was not available as a separate budget item until FY 90.

² Excludes \$7,510,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

³ Excludes \$8,020,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

⁴ Excludes \$8,030,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

⁵ Excludes \$8,000,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

⁶ Estimated. Data for the U.S. Department of Education are actual numbers and those for the other agencies are estimates. Excludes \$7,800,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

⁷ The U.S. Department of Education was created in May 1980. It formerly was the Office of Education in the U.S. Department of Health, Education, and Welfare.

⁸ Domestic Schools formerly called Section 6 of public law 81–874 (the former Impact Aid statute) was funded and administered by the U.S. Department of Education during 1951–1981. This program allowed the Secretary to make arrangements for the education of children who resided on federal property when no suitable local school district could or would provide for the education of these children. Since 1981, the provision was funded by the Department of Defense and in 1994, when public law 81–874 was repealed, the Department of Defense was authorized to fund and administer similar provisions.

⁹ School Improvement programs include many programs. Some of these are No Child Left Behind, 21st Century Community Learning Centers, Class Size Reduction, Charter Schools, and Safe and Drug-Free Schools. Some of these programs will be transferred out of the the School Improvement programs in fiscal year 2004.

¹⁰ This program created a national framework for education reform and meeting the National Education Goals. This program included the School-To-Work Opportunities program which initiated a national system to be administered jointly by the U.S. Departments of Education and Labor. Programs in the Education Reform program have been transferred to the School Improvement program or discontinued in FY 2002. Amounts in this program reflect balances that are spending out from prior-year appropriations.

¹¹ Starting in FY 94, the Special Milk program was included in the Child Nutrition program.

¹² These commodities are purchased under Section 32 of the Act of August 24, 1935, for use in the child nutrition programs.

¹³ This program assisted in the construction of public facilities, such as vocational schools, through grants or loans. No funds have been appropriated for this account since FY 77, and it was completely phased out in FY 84.

¹⁴ The U.S. Department of Energy was created in 1977. It formerly was the Energy Research and Development Administration and before that the Atomic Energy Commission. No funds were designated for any of the education programs listed in this table in FYs 96 and 97.

¹⁵ This program was established in 1979. Funds were first appropriated for this program in FY 80.

¹⁶ The U.S. Department of Health and Human Services was part of the U.S. Department of Health, Education, and Welfare until May 1980.

¹⁷ The Head Start program was formerly in the Office of Economic Opportunity, and funds were appropriated to the U.S. Department of Health, Education, and Welfare, Office of Child Development, beginning in 1972.

¹⁸ This program was created by the Family Support Act of 1988. It provides funds for the Job Opportunities and Basic Skills Training program. This activity is being replaced by Temporary Assistance for Needy Families program.

¹⁹ After age 18, benefits terminate at the end of the school term or in 3 months, whichever is less.

²⁰ This program provides funding for supplemental programs for eligible American Indian students in public schools.

²¹ This program finances the cost of academic, social, and occupational education courses for inmates in federal prisons.

²² The Job Corps program was formerly in the Office of Economic Opportunity, and funds were appropriated to the U.S. Department of Labor beginning in 1971 and 1972.

²³ Some of the work and training programs included in this program were in the Office of Economic Opportunity and were transferred to the U.S. Department of Labor in 1971 and 1972. Beginning in FY 94, the School-to-Work Opportunities program is included. This program is administered jointly by the U.S. Departments of Education and Labor.

²⁴ The U.S. Department of Transportation was created in 1967.

²⁵ This program was transferred from the U.S. Department of the Treasury to the U.S. Department of Transportation in 1967. This program was transferred to the U.S. Department of Homeland Security in March of 2003.

²⁶ This program was established in FY 72 and closed in FY 86.

²⁷ The states' share of revenue-sharing funds could not be spent on education in FYs 81–86.

²⁸ The U.S. Department of Veterans Affairs, formerly the Veterans Administration, was created in March 1989.

²⁹ This program provides educational assistance allowances in order to restore lost educational opportunities to those individuals whose careers were interrupted or impeded by reason of active military service between January 31, 1955, and January 1, 1977.

Includes "Readjustment Benefits," Chapter 34, for education other than college and also includes the Veterans Job Training program for service persons and veterans. The Chapter 34 program closed December 31, 1989. The Veterans Job Training Program was put in the program Payments to State Education Agencies. Veterans who were still eligible to receive benefits under Chapter 34 were covered by Chapter 30 (The All-Volunteer-Force Educational Assistance program).

³⁰This program is in "Readjustment Benefits" program, Chapter 31, and covers the costs of subsistence, tuition, books, supplies, and equipment for disabled veterans requiring vocational rehabilitation.

³¹This program is in the "Readjustment Benefits" program, Chapter 35, and provides benefits to children and spouses of veterans.

³²The purpose of this program is to provide stable and permanent employment to those men and women who have served on active duty on or after August 2, 1990, and are unemployed. Program expired in 1997.

³³This agency was established March 9, 1965. Its first year of appropriations was 1966. The outlays were larger in the years 1970 and 1975 for elementary and secondary education because of the construction of facilities for vocational schools.

³⁴This agency was established in 1965. In 1970, \$900,000 was appropriated through the Office of Education, U.S. Department of Health, Education, and Welfare, for the National Endowment for the Arts, Arts in Education program.

³⁵This agency was established in 1965. First year of appropriations was 1966.

³⁶The Economic Opportunity Act of 1964 authorized 10 major action programs, including Job Corps, Neighborhood Youth Corps, Adult Literacy, Work Experience, College Work-Study, and Community Action programs, including Head Start, Follow Through, and Upward Bound, and authorized the establishment of Volunteers in Service to America (VISTA). These programs were transferred to the U.S. Department of Health, Education, and Welfare, U.S. Department of Labor, and the Action Agency in the 1970s. An act on January 4, 1975 established the Community Services Administration as the successor agency to the Office of Economic Opportunity.

³⁷Head Start program funds were transferred to the U.S. Department of Health, Education, and Welfare, Office of Child Development, in 1972.

³⁸Most of these programs were transferred to the U.S. Department of Health, Education, and Welfare, Office of Education, in 1972.

³⁹The Job Corps programs were transferred to the U.S. Department of Labor in 1971 and 1972.

⁴⁰These programs were transferred to the U.S. Department of Labor in 1971 and 1972.

⁴¹These programs were transferred to the Action Agency in 1972.

⁴²Similar programs were included in the "higher education" program in 1965 through 1975.

⁴³The Student Loan Reform Act of 1993 authorized a new Federal Direct Student Loan (FDSL) program, renamed the William D. Ford Direct Loan program. This program is a new streamlined lending system that simplifies the process of obtaining and repaying loans for student and parent borrowers and provides borrowers with greater choice in repayment plans.

⁴⁴Negative amounts occur when program receipts exceed outlays.

⁴⁵Similar programs were included in the "higher education" program in 1965 through 1975, formerly called the "Guaranteed Student Loan" program.

⁴⁶This program was transferred from the U.S. Department of Housing and Urban Development to the U.S. Department of Health, Education, and Welfare, Office of Education, in FY 79.

⁴⁷The Historically Black Colleges and Universities (HBCUs) Capital Financing program was authorized by the Higher Education Act Amendments of 1992 to provide HBCUs with private funds for repair, renovation, and construction projects.

⁴⁸First year of appropriations for this program was 1967.

⁴⁹Program funds were first appropriated for Tuskegee Institute in 1972.

⁵⁰The Sea Grant College Program Act of 1966 established a matching fund grant program that provides for the establishment of a network of programs in fields related to development and preservation of the nation's coastal and marine resources. This program was transferred from the National Science Foundation to the U.S. Department of Commerce, October 1970.

⁵¹This program was transferred to the U.S. Department of Transportation in FY 81 by Public Law 97-31, from the U.S. Department of Commerce.

⁵²The U.S. Department of Defense funds for FYs 90 to 96 exclude military pay and reserve accounts which were included in previous years. FY 65 data are not available except for service academies.

⁵³Included in total above.

⁵⁴Instructional costs only are included. These include academics, audiovisual, academic computing center, faculty training, military training, physical education, and libraries.

⁵⁵Includes special education programs (military and civilian); legal education program; flight training; advanced degree program; college degree program (officers); and "Armed Forces Health Professions Scholarship" program.

⁵⁶No funds have been appropriated since FY 82.

⁵⁷This program receives funds periodically.

⁵⁸Appropriations began in FY 84.

⁵⁹Appropriations began in FY 89.

⁶⁰Does not include higher education assistance loans.

⁶¹Appropriations began in FY 78.

⁶²Alcohol, drug abuse, and mental health training programs are included starting in fiscal year 1992.

⁶³Beginning in fiscal year 1992, data were included in the National Institutes of Health training grants program.

⁶⁴Postsecondary student benefits were ended by the Omnibus Budget Reconciliation Act of 1981 (Public Law 97-35) and were completely phased out by August 1985.

⁶⁵Includes adult education, tribally-controlled community colleges, postsecondary instruction, and other education.

⁶⁶This program was transferred from the U.S. Department of State to the International Communication Agency (I.C.A.) in 1977, which consolidated the functions of the U.S. Information Agency and the U.S. Department of State's Bureau of Educational and Cultural Affairs. In FY 82 the I.C.A. became the U.S.I.A. In FY 98 pursuant to the Foreign Affairs Reform and Restructuring Act of 1998, this program from the United States Information Agency was transferred to the U.S. Department of State.

⁶⁷This program provides funds for advanced study and research projects of the Russian, Eurasian, and Eastern European countries by American institutions of higher education and private research firms. Appropriations began in FY 88.

⁶⁸Includes flight training. This program was in the U.S. Department of the Treasury in 1965 and was transferred to the U.S. Department of Transportation in 1967. This program was transferred to the U.S. Department of Homeland Security in March of 2003.

⁶⁹Includes benefits for Vietnam-era veterans under Chapter 34 (GI Bill) of the "Readjustment Benefits" education and training program. This program provides educational

assistance allowances, primarily on a monthly basis, in order to restore lost educational opportunities to those individuals whose careers were interrupted or impeded by reason of active military service between January 31, 1955, and January 1, 1977. This program closed December 31, 1989. Some veterans who were still eligible were put in Chapter 30 (the All-Volunteer-Force Educational Assistance program).

⁷⁰Includes service persons under Chapter 34 (GI Bill) of the "Readjustment Benefits" education and training program. Service persons with over 180 days of active duty, any part of which was before January 1, 1977, are eligible to participate in this program.

⁷¹Includes post-Vietnam-era veterans, under Chapter 32, of the post-Vietnam-era "Veterans Education Account." Provides education and training assistance payments to veterans and service persons with no active duty time before January 1, 1977. Funding is provided through participants' contributions while on active duty and through transfers from the U.S. Department of Defense (DOD). The U.S. Department of Veterans Affairs funds are not appropriated for this program, so these data represent obligations, which are funded through other agencies' appropriations.

⁷²Public Law 98-525, enacted October 19, 1984 (New GI Bill), established two new peacetime educational programs: an assistance program for veterans who entered active duty during the period beginning July 1, 1985, to June 30, 1988, and an assistance program for certain members of the Selected Reserve.

⁷³Chapter 30, also called the Montgomery Bill, and the new GI Bill are for eligible veterans who have agreed to have their military pay reduced \$100 per month for their first 12 months of active duty. The "Readjustment Benefits" account under the U.S. Department of Veterans Affairs pays only the basic allowance, up to a maximum of \$536 per month, for full-time training. "Supplemental Benefits" are paid by the U.S. Department of Defense (DOD).

⁷⁴Chapter 106 is for members of the Selected Reserve. The reserve components include the Army, Navy, Air Force, Marine Corps Reserve, Army National Guard and Air National Guard under the U.S. Department of Defense (DOD), and the Coast Guard Reserve, which is under the U.S. Department of Transportation (DOT) when it is not operating as a service in the Navy. Eligible persons can receive up to \$255 per month for full-time training. The DOD and DOT pay for this program, and the U.S. Department of Veterans Affairs administers it.

⁷⁵Includes dependents of veterans under Chapter 35, the "Readjustment Benefits" education and training program. Provides education and training benefits to dependents of veterans who died of a service-connected disability or whose service-connected disability is rated permanent and total.

⁷⁶Payments have been made to state education agencies for a number of years but were not listed separately until FY 88.

⁷⁷The U.S.I.A. was called the "International Communication Agency" in FYs 80 and 81. This program was transferred from the U.S. Department of State to the International Communication Agency (I.C.A.) in 1977, which consolidated the functions of the U.S. Information Agency and the U.S. Department of State's Bureau of Educational and Cultural Affairs. In FY 82 the I.C.A. became the U.S.I.A. In FY 98 pursuant to the Foreign Affairs Reform and Restructuring Act of 1998, this program from the United States Information Agency was transferred to the U.S. Department of State and the newly created Broadcasting Board of Governors.

⁷⁸This program was in the "Educational and Cultural Affairs" program in FYs 80-83, and became an independent program in FY 84.

⁷⁹This program was combined with the "Educational and Cultural Affairs" program in FY 77.

⁸⁰Public Law 99-661 established this program to operate the Foundation which awards scholarships and fellowships to outstanding graduate and undergraduate students who intend to pursue careers or advanced degrees in science or mathematics. It may also award honoraria to outstanding individuals who have made significant contributions to improve the instruction of science and mathematics in secondary schools.

⁸¹Appropriations for this program began in FY 76.

⁸²Public Law 99-498 established this Institute as an independent non-profit corporation to provide Native Americans with an opportunity to obtain a postsecondary education in various fields of Indian art and culture.

⁸³Public Laws 99-500 and 99-591 established the James Madison Memorial Fellowship Foundation to operate a fellowship program to encourage graduate study of the American Constitution. First year of appropriations was FY 88.

⁸⁴This program was transferred to the Institute of Museum and Library Services in fiscal year 1997. Program was formerly in the U.S. Department of Education.

⁸⁵This program was transferred to the U.S. Department of Transportation in FY 68 from the U.S. Department of Housing and Urban Development.

⁸⁶This program was established by the Juvenile Justice and Delinquency Prevention Act of 1974 to provide education and training and to provide leadership in improving correctional programs and practices in prisons. This program was transferred in 1997 to the Federal Prison System, Salaries and Expenses, budget in the Contract Confinement program.

⁸⁷Appropriations for this program began in FY 70.

⁸⁸The Federal Aviation Administration, an independent agency, was transferred to the U.S. Department of Transportation in FY 67.

⁸⁹Appropriations began in FY 72.

⁹⁰First year of appropriations was FY 70. This program was transferred to the U.S. Department of Homeland Security in fiscal year 2004.

⁹¹The National Service Trust Act of 1993 established the Corporation for National and Community Service. In 1993, ACTION became part of this agency.

⁹²These programs included the Service Learning programs, University Year for ACTION, Volunteers in Service to America, Youth Challenge program, and the National Student Volunteer program in FY 1975. In FY 80, programs included were the University Year for ACTION, Young Volunteers for ACTION, and National Service Learning programs. In fiscal year 1985, the program included was the Service Learning programs, and in FYs 89 to 94, programs included were the Literacy Corps and the Student Community Services program. In FYs 94 through 98 the AmeriCorps program was included. This program provides education grants to help pay for college or to repay student loans for people who perform community service before, during or after postsecondary education.

⁹³The Federal Emergency Management Agency was created in 1979, representing a combination of five existing agencies. The two largest were the Defense Civil Preparedness Agency in the U.S. Department of Defense and the Federal Preparedness Agency in the General Services Administration. The funds for the Federal Emergency Management Agency in FY 70 to FY 75 were in the other agencies. This agency was transferred to the U.S. Department of Homeland Security in March of 2003.

⁹⁴First year of appropriations was FY 68.

⁹⁵First appropriations for the "other training programs" were in the late 1960s. These programs include the Fall-Out Shelter Analysis, Blast Protection Design through 1992. Starting in FY 1993, earthquake training and safety for teachers and administrators for grades 1 through 12 are included.

⁹⁶The disaster relief program repairs and replaces damaged and destroyed school buildings. In FY 94 and FY 95, funds were for repairs due to the Northridge Earthquake in California. In FY 94, \$37.2 million was spent on school districts; \$4.2 million was spent on community colleges and \$43.8 million spent on universities. In FY 95, \$74.4 million was spent on school districts; \$8.4 million on community colleges and \$87.6 million on colleges and universities.

⁹⁷This program was transferred from the General Services Administration to the National Archives and Records Administration in April 1985.

⁹⁸This program makes grants for the promotion of scholarly, cultural, and artistic exchanges between Japan and the United States. Appropriations began in FY 76.

⁹⁹The National Archives and Records Administration became an independent agency in April 1985.

¹⁰⁰This program was established by the act of July 20, 1970, Public Law 91-345.

¹⁰¹This program was established by Congress to conduct and support research and scholarships in the fields of peace, arms control, and conflict resolution.

¹⁰²Includes federal obligations for research and development centers and R & D plant administered by colleges and universities. FY 2002 and FY 2003 are estimated.

¹⁰³Total outlays for FYs 65 and 70 include the "Research and Training" program. FY 75 includes the "National Institute of Education" program. FYs 80 to 2003 include outlays for the Office of Educational Research and Improvement.

NOTE: Some data have been revised from previously published figures. To the extent possible, amounts reported represent outlays rather than obligations. Detail may not sum to totals because of rounding. Negative amounts occur when program receipts exceed outlays.

SOURCE: U.S. Department of Education, National Center for Education Statistics, compiled from data appearing in U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1972 to 2004; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1970 to 2003; and unpublished data obtained from various federal agencies. (This table was prepared April 2004.)

Table 369. Estimated federal support for education, by agency and type of ultimate recipient: Fiscal year 2003

[In millions of dollars]

Agency	Total	Local education agencies	State education agencies	Postsecondary students	Degree-granting institutions	Federal	Multiple types of recipients	Other ¹
1	2	3	4	5	6	7	8	9
Total ²	\$171,033.6	\$36,075.5	\$9,268.8	\$34,478.7	\$57,461.6	\$4,547.6	\$15,869.2	\$13,331.9
Total program funds - on-budget	124,736.5	36,075.5	7,730.3	16,047.6	40,941.0	4,547.6	15,869.2	3,525.1
Department of Education	57,442.9	23,837.6	6,164.5	11,032.6	10,731.8	657.8	2,478.9	2,539.5
Department of Agriculture	12,756.0	11,043.7	570.7	†	668.9	22.2	†	450.5
Department of Commerce	90.1	†	†	†	90.1	†	†	†
Department of Defense	5,244.2	252.4	†	524.8	2,559.9	1,523.3	383.7	†
Department of Energy	4,086.9	†	†	†	4,086.9	†	†	†
Department of Health and Human Services	25,406.7	666.8	†	1,555.4	16,574.4	307.9	6,302.2	†
Department of Housing and Urban Development	1.5	†	†	†	1.5	†	†	†
Department of the Interior	1,231.0	106.6	70.4	27.8	151.1	512.3	362.8	†
Department of Justice	477.2	†	†	†	15.8	461.4	†	†
Department of Labor	6,082.5	†	910.7	†	11.5	†	5,160.4	†
Department of State	404.1	†	†	†	†	105.1	299.0	†
Department of Transportation	135.3	†	†	8.8	50.0	68.8	0.6	7.0
Department of the Treasury	195.0	†	†	†	†	195.0	†	†
Department of Veterans Affairs	2,653.3	†	14.0	2,639.3	†	†	†	†
Other agencies and programs								
Agency for International Development	570.5	†	†	†	44.5	†	†	526.0
Appalachian Regional Commission	14.8	†	†	†	6.0	†	8.8	†
Barry Goldwater Scholarship and Excellence in Education Foundation	3.0	†	†	†	†	†	3.0	†
Corporation for National and Community Service	516.0	†	†	†	†	†	516.0	†
Environmental Protection Agency	171.6	†	†	†	171.6	†	†	†
Estimated education share of federal aid to the District of Columbia	174.4	160.5	†	†	13.0	†	0.9	†
Federal Emergency Management Agency	8.6	8.0	†	†	†	†	0.6	†
Harry S Truman scholarship fund	3.0	†	†	†	†	†	3.0	†
Institute of American Indian and Alaskan Native Culture and Arts Development	5.0	†	†	†	†	†	5.0	†
Institute of Library and Museum Services	171.0	†	†	†	†	†	171.0	†
James Madison Memorial Fellowship Foundation	2.0	†	†	†	†	†	2.0	†
Japanese-United States Friendship Commission	3.0	†	†	†	†	†	3.0	†
Library of Congress	399.0	†	†	†	†	399.0	†	†
National Aeronautics and Space Administration	2,361.1	†	†	†	2,361.1	†	†	†
National Archives and Records Administration	294.0	†	†	†	†	294.0	†	†
National Commission on Libraries and Information Science	2.0	†	†	†	†	†	†	2.0
National Endowment for the Arts	11.4	†	†	†	†	†	11.4	†
National Endowment for the Humanities	106.1	†	†	†	†	†	106.1	†
National Science Foundation	3,642.1	†	†	258.8	3,383.3	†	†	†
Nuclear Regulatory Commission	12.9	†	†	†	12.9	†	†	†
Smithsonian Institution	35.8	†	†	†	†	0.8	35.0	†
U.S. Institute of Peace	16.0	†	†	†	†	†	16.0	†
Other agencies	6.6	†	†	†	6.6	†	†	†
Off-budget support and nonfederal funds generated by federal legislation	46,297.0	†	1,538.5	18,431.1	16,520.5	†	†	9,806.9

† Not applicable.

¹Other recipients include American Indian tribes, private nonprofit agencies, and banks.

²Includes on-budget funds, off-budget support, and nonfederal funds generated by federal legislation. Excludes federal tax expenditures.

NOTE: Outlays by type of recipient are estimated based on obligation data. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Office of the Deputy Secretary, Budget Office, unpublished data; U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 2004*; National Science Foundation, *Federal Funds for Research and Development, Fiscal Years 2001, 2002, and 2003*; and unpublished data obtained from various federal agencies. (This table was prepared April 2004.)

Table 370. U.S. Department of Education outlays, by type of recipient and level of education: Selected fiscal years 1980 to 2003

[In millions of current dollars]

Year and area of education	Total	Local education agencies	State education agencies	Post-secondary students	Degree-granting institutions	Federal	Multiple types of recipients	Other
1	2	3	4	5	6	7	8	9
1980 total	\$13,137.8	\$5,313.7	\$1,103.2	\$2,137.4	\$2,267.2	\$249.8	\$693.8	\$1,372.7
Elementary/secondary	6,629.1	5,309.4	662.2	34.2	22.0	62.5	513.4	25.5
Postsecondary	5,682.2	†	99.5	2,103.2	2,166.5	†	†	1,313.0
Other programs	747.7	4.3	341.5	†	†	187.3	180.4	34.2
Education research and statistics	78.7	†	†	†	78.7	†	†	†
1982 total	14,109.3	5,425.8	1,414.2	1,610.2	1,951.8	268.3	535.4	2,903.6
Elementary/secondary	6,456.3	5,420.8	593.8	48.9	21.9	2.6	340.3	27.9
Postsecondary	6,418.8	†	196.6	1,561.3	1,847.7	†	†	2,813.2
Other programs	1,152.0	5.0	623.8	†	†	265.7	195.1	62.5
Education research and statistics	82.2	†	†	†	82.2	†	†	†
1984 total	15,534.7	5,256.5	1,879.0	2,193.4	2,167.4	330.2	516.7	3,191.4
Elementary/secondary	6,220.8	5,252.4	536.0	55.5	35.3	22.9	259.9	58.8
Postsecondary	7,341.2	†	211.5	2,137.9	1,972.5	†	†	3,019.3
Other programs	1,813.1	4.1	1,131.5	†	†	307.3	256.8	113.3
Education research and statistics	159.6	†	†	†	159.6	†	†	†
1986 total	17,740.1	6,435.1	1,823.3	2,685.9	2,637.2	265.4	625.8	3,267.5
Elementary/secondary	7,552.0	6,432.1	558.5	68.3	45.2	2.2	372.0	73.8
Postsecondary	8,444.9	†	215.6	2,617.6	2,523.0	†	†	3,088.7
Other programs	1,674.2	3.0	1,049.2	†	†	263.2	253.8	105.0
Education research and statistics	69.0	†	†	†	69.0	†	†	†
1988 total	18,326.9	6,614.8	2,234.6	3,103.4	2,519.5	319.4	838.8	2,696.3
Elementary/secondary	8,098.4	6,606.3	717.9	66.2	39.5	23.8	616.7	28.0
Postsecondary	8,247.1	†	184.6	3,037.2	2,437.6	†	†	2,587.7
Other programs	1,939.0	8.5	1,332.1	†	†	295.6	222.1	80.6
Education research and statistics	42.4	†	†	†	42.4	†	†	†
1990 total	23,198.6	8,000.7	2,490.3	3,859.6	3,649.8	441.4	912.2	3,844.4
Elementary/secondary	9,681.3	7,995.0	700.3	80.5	85.4	113.1	650.7	56.3
Postsecondary	11,176.0	†	261.6	3,779.1	3,475.0	†	†	3,660.4
Other programs	2,251.8	5.7	1,528.5	†	†	328.3	261.5	127.8
Education research and statistics	89.5	†	†	†	89.5	†	†	†
1995 total	31,403.0	11,210.7	3,584.0	4,964.7	5,016.1	485.4	1,349.2	4,792.9
Elementary/secondary	14,029.0	11,203.3	1,410.0	190.5	170.1	70.3	946.9	37.9
Postsecondary	14,234.0	†	250.8	4,774.2	4,567.0	†	†	4,642.0
Other programs	2,861.0	7.4	1,923.2	†	†	415.1	402.3	113.0
Education research and statistics	279.0	†	†	†	279.0	†	†	†
1998 total	31,559.0	12,094.5	3,978.2	5,362.0	5,910.2	465.8	1,769.0	1,979.3
Elementary/secondary	16,001.8	12,086.7	1,920.5	265.5	162.4	52.7	1,454.7	59.3
Postsecondary	12,122.3	†	57.8	5,096.5	5,206.6	†	†	1,761.4
Other programs	2,893.7	7.8	1,999.9	†	†	413.1	314.3	158.6
Education research and statistics	541.2	†	†	†	541.2	†	†	†
2000 total	34,106.7	16,016.0	4,316.5	4,711.7	5,005.7	506.6	1,820.2	1,730.1
Elementary/secondary	20,039.6	16,003.5	1,989.6	260.5	198.9	48.5	1,461.8	76.8
Postsecondary	10,727.3	†	55.2	4,451.2	4,690.3	†	†	1,530.6
Other programs	3,223.4	12.5	2,271.7	†	†	458.1	358.4	122.7
Education research and statistics	116.5	†	†	†	116.5	†	†	†
2002 total	46,324.4	19,742.1	4,967.8	8,306.0	8,668.2	608.9	2,200.3	1,831.3
Elementary/secondary	25,246.2	19,729.2	2,429.8	490.0	454.9	77.6	1,829.5	235.3
Postsecondary	17,056.2	†	199.2	7,816.0	7,588.1	†	†	1,452.9
Other programs	3,396.8	12.9	2,338.8	†	†	531.3	370.8	143.1
Education research and statistics	625.2	†	†	†	625.2	†	†	†
2003 total	57,442.9	23,837.7	6,164.6	11,032.5	10,731.8	657.8	2,478.9	2,539.6
Elementary/secondary	30,749.3	23,822.8	3,141.1	594.3	637.4	109.5	2,105.6	338.6
Postsecondary	22,706.4	†	668.6	10,438.2	9,542.5	†	†	2,057.2
Other programs	3,435.2	14.9	2,354.9	†	†	548.3	373.3	143.8
Education research and statistics	551.9	†	†	†	551.9	†	†	†

† Not applicable.

NOTE: Negative amounts occur when program receipts exceed outlays. Other recipients include American Indian tribes, private nonprofit agencies and banks. Outlays by type of recipient are estimated based on obligation data. Detail may not sum to totals because of rounding.

SOURCE: U.S. Office of Management and Budget, Budget of the U.S. Government, Fiscal Years 1982 to 2004, and U.S. Department of Education, Office of the Deputy Secretary, Budget Office. (This table was prepared April 2004.)

Table 371. U.S. Department of Education appropriations for major programs, by state or jurisdiction: Fiscal year 2002

[In thousands]

State or jurisdiction	Total	Grants for the disadvantaged ¹	Block grants to states for school improvement ²	School assistance in federally affected areas ³	Vocational and adult education ⁴	Education for the handicapped ⁵	Bilingual education ⁶	Indian education	Degree-granting institutions ⁷	Student financial assistance ⁸	Rehabilitation services ⁹
1	2	3	4	5	6	7	8	9	10	11	12
Total, 50 States and D.C.¹⁰	\$48,115,250	\$11,610,496	\$5,121,926	\$1,001,820	\$1,806,499	\$8,117,386	\$401,333	\$97,133	\$1,936,921	\$15,525,227	\$2,496,510
Total, 50 States, D.C., other activities, and outlying areas	51,216,195	12,179,000	6,132,017	1,135,500	1,880,000	8,335,533	664,269	97,133	1,982,761	16,213,374	2,596,608
Alabama	837,161	180,633	84,873	2,886	34,156	131,754	1,298	1,777	70,195	275,920	53,670
Alaska	239,489	40,751	26,768	96,065	5,507	25,537	659	9,936	11,928	12,968	9,369
Arizona	974,015	206,534	87,273	141,947	31,458	124,460	12,343	11,390	19,541	293,192	45,878
Arkansas	486,394	116,885	56,074	724	20,415	81,158	1,201	327	25,093	151,773	32,745
California	5,935,156	1,775,451	626,349	74,848	220,164	871,465	117,281	6,552	159,384	1,829,357	254,305
Colorado	579,686	117,501	61,205	10,887	22,165	105,255	5,272	678	22,169	208,310	26,242
Connecticut	431,276	120,217	53,008	7,175	17,129	98,734	3,903	0	11,641	100,107	19,363
Delaware	127,188	32,035	26,856	105	6,840	23,677	547	0	5,808	21,926	9,394
District of Columbia	421,190	39,388	26,238	1,330	6,531	12,527	619	0	264,691	57,061	12,805
Florida	2,516,757	568,540	239,317	10,901	95,115	444,031	25,124	54	63,789	950,692	119,194
Georgia	1,289,018	365,498	149,709	18,481	53,066	217,559	8,017	0	63,142	339,259	74,287
Hawaii	210,017	39,125	26,944	39,208	8,741	28,740	1,598	0	15,790	39,193	10,677
Idaho	223,169	42,748	28,484	6,197	9,758	38,811	1,148	451	6,676	74,484	14,413
Illinois	1,862,798	486,619	215,368	19,526	73,377	372,310	19,791	104	63,592	517,420	94,691
Indiana	943,985	178,766	87,502	1,375	40,163	188,609	3,172	0	27,665	356,142	60,591
Iowa	455,866	73,488	45,328	519	19,184	90,455	1,723	190	25,968	169,510	29,502
Kansas	438,762	95,004	46,888	17,948	17,518	79,204	2,461	817	20,970	132,682	25,270
Kentucky	708,787	180,425	81,863	975	31,844	120,397	1,364	0	27,419	216,125	48,377
Louisiana	900,512	244,575	109,136	6,063	36,662	132,554	1,729	842	44,305	278,910	45,734
Maine	228,772	47,052	29,151	2,474	8,626	41,600	500	128	10,843	73,187	15,210
Maryland	695,146	174,723	79,460	6,779	28,832	145,430	3,994	175	35,415	181,907	38,432
Massachusetts	1,103,236	248,595	100,196	882	31,099	210,073	7,173	71	37,395	421,478	46,275
Michigan	1,563,844	476,324	195,920	3,690	63,300	286,636	5,225	3,541	38,428	400,848	89,932
Minnesota	721,090	130,292	72,880	10,657	27,103	142,619	4,506	3,562	23,838	263,733	41,901
Mississippi	639,938	148,694	71,353	3,433	23,301	85,734	817	398	34,359	232,886	38,963
Missouri	933,574	188,420	95,766	17,504	37,546	167,294	2,265	68	28,458	340,407	55,846
Montana	240,333	40,162	32,353	38,325	7,822	26,818	500	3,194	17,857	62,417	11,087
Nebraska	286,611	48,051	33,564	19,330	10,961	55,183	1,482	738	10,777	89,409	17,116
Nevada	197,031	47,127	28,746	3,772	9,887	47,044	3,678	750	4,156	38,692	13,180
New Hampshire	178,638	31,120	28,099	10	8,235	35,715	500	0	5,908	58,282	10,768
New Jersey	1,119,026	290,615	124,130	18,371	44,511	267,367	13,235	52	25,961	281,655	53,128
New Mexico	477,065	95,348	44,193	78,419	13,443	67,533	4,185	7,799	23,557	121,331	21,257
New York	4,006,226	1,153,073	417,175	18,388	108,181	568,844	36,818	1,504	79,294	1,485,274	137,676
North Carolina	1,160,770	252,444	117,917	11,917	51,666	225,458	6,710	3,662	63,266	348,150	79,519
North Dakota	191,176	30,653	27,627	27,181	5,966	19,403	500	1,552	10,972	57,991	9,330
Ohio	1,756,397	388,143	183,184	3,826	73,891	316,705	4,940	0	44,796	627,997	112,915
Oklahoma	694,245	142,767	71,092	35,202	25,742	107,165	2,251	22,020	41,558	208,330	38,117
Oregon	497,455	120,717	52,733	2,522	20,752	94,899	3,931	2,458	13,900	154,478	31,065
Pennsylvania	1,874,804	456,344	198,732	3,373	74,870	310,465	6,911	0	52,502	656,160	115,446
Rhode Island	206,149	39,112	26,838	3,045	8,976	33,312	1,376	0	6,117	77,181	10,194
South Carolina	704,228	163,830	72,324	3,500	29,684	128,180	1,899	61	40,957	217,923	45,870
South Dakota	317,630	32,346	28,202	41,516	6,518	23,220	500	3,197	8,211	164,459	9,462
Tennessee	858,850	174,444	86,815	2,840	39,177	169,552	2,244	0	39,366	284,816	59,596
Texas	3,784,243	1,038,704	420,208	73,025	143,780	665,244	55,393	339	122,549	1,078,826	186,177
Utah	394,568	52,665	35,314	8,237	16,964	76,667	2,946	1,191	12,874	164,132	23,576
Vermont	149,116	27,085	26,396	263	5,694	18,865	500	139	7,180	53,339	9,656
Virginia	1,424,688	200,137	99,402	39,264	42,929	200,047	5,256	26	44,550	734,024	59,054
Washington	834,721	178,444	86,924	47,833	33,122	159,029	7,190	4,538	33,453	239,519	T244,670
West Virginia	360,629	91,057	43,886	4	14,763	56,964	500	0	23,642	104,664	25,148
Wisconsin	804,604	169,398	85,778	10,992	34,165	157,236	3,658	2,345	39,522	250,052	51,458
Wyoming	129,221	28,427	26,327	8,088	5,403	19,845	500	509	5,493	26,650	7,980
Other activities											
Indian Tribe (Set-Aside)	241,786	77,769	34,104	0	14,750	84,525	5,000	0	0	0	25,638
Other	1,300,891	77,650	795,766	131,582	19,591	22,579	252,594	0	0	0	1,128
Outlying areas											
American Samoa	27,681	9,391	6,974	0	407	6,309	1,107	0	320	2,091	1,081
Guam	45,820	8,369	10,620	0	830	13,971	1,417	0	1,663	7,087	1,863
Marshall Islands	376	0	0	0	0	0	0	0	376	0	0
Micronesia	16,519	0	0	0	1,677	0	0	0	1,951	12,891	0
Northern Mariana Islands	18,606	4,304	3,696	0	586	4,836	719	0	1,723	1,596	1,147
Palau	952	0	0	0	0	0	0	0	952	0	0
Puerto Rico	1,408,824	378,979	149,379	1,859	34,801	77,140	2,017	0	36,796	660,854	67,000
Virgin Islands	39,489	12,042	9,553	239	859	8,787	82	0	2,058	3,628	2,240

¹Title I, formerly called Chapter 1, Education Consolidation and Improvement Act of 1981, includes Grants to Local Education Agencies, Basic, Concentration, Targeted, and Education Finance Incentive Grants; Reading First State grants; Even Start; Migrant Education grants, Neglected and Delinquent Children grants; and Comprehensive School Reform Grants.

²Title VI, formerly called Chapter 2, Education Consolidation and Improvement Act of 1981, includes Teacher Quality State Grants; 21st Century Community Learning Centers; Educational Technology State Grants; State Grants for Innovation Programs; State Assessments, including No Child Left Behind; Education for the Homeless Children and Youth; Rural and Low-Income Schools Program; Small, Rural School Achievement Program, Fund for the Improvement of Education—Comprehensive School Reform; Safe and Drug-Free Schools and Communities State Grants; and State Grants for Community Services for Expelled or Suspended Students.

³Includes Impact Aid—Basic Support Payments; Impact Aid—Payments for Children with Disabilities; Impact Aid Construction; and Impact Aid Payments for Federal Property.

⁴Includes Vocational Education State Grants; State Grants for Incarcerated Youth Offenders; English Literacy and Civics Education State Grants, Tech-Prep Education; and Adult Education State Grants.

⁵Includes Special Education—Grants to States, Preschool Grants, and Grants for Infants and Families with Disabilities.

⁶Includes Language Assistance State Grants.

⁷Includes Institutional Aid to Strengthen Higher Education Institutions serving significant numbers of low-income students; Other Special Programs for the Disadvantaged;

Cooperative Education; Fund for the Improvement of Postsecondary Education; Fellowships and Scholarships; and annual interest subsidy grants for facilities construction.

⁸Includes Pell Grants, Leveraging Educational Assistance Partnership, formerly the State Student Incentive Grants, Federal Supplemental Educational Opportunity Grants, Federal Work-Study, Guaranteed Student Loans interest subsidies; and Federal Perkins Loans-Capital Contributions.

⁹Includes Rehabilitation Services—Vocational Rehabilitation Grants to States; Supported Employment State Grants; Client Assistance State Grants; and Independent Living State Grants; Services for Older Blind Individuals; Protection and Advocacy for Assistive Technology; Protection and Advocacy for Assistive Technology; and Protection and Advocacy of Individual Rights.

¹⁰Total excludes other activities and outlying areas.

NOTE: Data reflect revisions to figures in the *Budget of the United States Government, Fiscal Year 2004*. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, based on unpublished tabulations from the Office of Management and Budget. (This table was prepared August 2003.)

Table 372. Appropriations for Title I, No Child Left Behind Act of 2001, by type of appropriation and state or jurisdiction: Fiscal years 2001 and 2002

[In thousands]

State or jurisdiction	Title I total, fiscal year 2001 ¹	Title I, fiscal year 2002 ¹							State Grants for Innovative Programs, fiscal year 2002	State Assessments, fiscal year 2002
		Total	Title I, grants to local education agencies ²	State Agency Programs		Comprehensive School Reform	Even Start	Reading First State Grants		
				Ne-glected and Delinquent	Migrant					
1	2	3	4	5	6	7	8	9	10	11
Total, 50 States and DC³ ..	\$9,234,677	\$11,610,496	\$9,910,729	\$46,785	\$382,120	\$216,439	\$218,227	\$836,195	\$376,802	\$360,192
Total, 50 States, DC, other activities, and outlying areas	9,654,721	12,179,000	10,350,000	48,000	396,000	235,000	250,000	900,000	385,000	387,000
Alabama	148,053	180,633	154,939	760	2,725	3,397	3,224	15,587	5,715	6,227
Alaska	32,644	40,751	29,752	236	6,855	622	1,128	2,159	1,912	3,558
Arizona	156,266	206,534	173,247	1,695	6,462	3,721	3,708	17,700	6,801	6,840
Arkansas	94,914	116,885	97,237	408	5,183	2,147	2,023	9,886	3,445	4,946
California	1,367,077	1,775,451	1,448,834	3,889	127,546	30,997	31,210	132,975	46,714	29,379
Colorado	90,926	117,501	96,385	400	7,517	2,156	2,042	9,002	5,549	6,133
Connecticut	94,206	120,217	104,127	1,060	3,021	2,359	2,258	7,393	4,271	5,412
Delaware	25,040	32,035	27,674	211	306	558	1,128	2,159	1,912	3,558
District of Columbia	30,026	39,388	34,870	82	441	709	1,128	2,159	1,912	3,322
Florida	458,720	568,540	476,520	2,396	22,925	10,679	10,381	45,639	18,654	13,534
Georgia	280,608	365,498	313,331	2,020	8,713	6,779	6,815	27,838	10,873	9,140
Hawaii	29,060	39,125	33,672	117	745	705	1,128	2,759	1,912	3,849
Idaho	33,438	42,748	32,795	141	4,572	719	1,128	3,392	1,912	4,059
Illinois	388,845	486,619	430,679	1,923	2,352	9,521	9,333	32,810	16,363	12,240
Indiana	144,460	178,766	152,669	1,092	5,208	3,603	3,285	12,908	7,952	7,490
Iowa	61,192	73,488	62,956	342	1,682	1,458	1,296	5,753	3,766	5,127
Kansas	77,350	95,004	73,139	352	11,864	1,674	1,575	6,400	3,621	5,045
Kentucky	150,394	180,425	152,146	778	7,218	3,314	3,226	13,743	5,035	5,843
Louisiana	209,730	244,575	213,134	897	2,427	4,697	4,202	19,217	6,233	6,520
Maine	39,672	47,052	37,942	142	4,385	843	1,128	2,612	1,912	3,899
Maryland	135,565	174,723	153,984	2,140	528	3,372	3,354	11,345	6,927	6,911
Massachusetts	198,384	248,595	220,646	1,267	1,789	4,900	4,691	15,301	7,618	7,302
Michigan	385,697	476,324	420,800	508	8,615	9,019	8,908	28,474	13,288	10,504
Minnesota	106,118	130,292	112,965	184	2,376	2,671	2,418	9,679	6,613	6,734
Mississippi	135,686	148,694	130,431	506	1,369	3,043	2,239	11,106	3,943	5,227
Missouri	154,202	188,420	163,744	1,048	1,631	3,675	3,414	14,909	7,307	7,126
Montana	31,678	40,162	34,294	98	960	741	1,128	2,941	1,912	3,683
Nebraska	40,930	48,051	37,640	222	5,174	864	1,128	3,024	2,302	4,300
Nevada	35,433	47,127	40,691	162	226	884	1,128	4,037	2,528	4,428
New Hampshire	24,051	31,120	26,874	258	144	558	1,128	2,159	1,912	3,912
New Jersey	229,339	290,615	257,022	1,877	2,050	5,750	5,489	18,427	10,525	8,944
New Mexico	75,147	95,348	82,193	363	872	1,748	1,781	8,391	2,611	4,474
New York	899,236	1,153,073	1,027,699	3,219	9,544	21,829	22,331	68,451	23,836	16,460
North Carolina	193,160	252,444	214,423	943	7,008	4,679	4,651	20,740	9,840	8,557
North Dakota	23,612	30,653	26,530	56	223	558	1,128	2,159	1,912	3,474
Ohio	331,418	388,143	341,108	2,981	2,486	7,623	7,050	26,895	14,736	11,322
Oklahoma	111,795	142,767	122,629	321	2,026	2,654	2,600	12,536	4,531	5,559
Oregon	97,037	120,717	94,339	1,819	13,003	2,146	2,015	7,396	4,307	5,432
Pennsylvania	383,931	456,344	399,600	857	10,473	8,948	8,354	28,111	15,158	11,560
Rhode Island	30,152	39,112	34,250	418	70	769	1,128	2,478	1,912	3,717
South Carolina	122,528	163,830	142,364	1,225	540	2,985	3,077	13,640	5,146	5,906
South Dakota	24,476	32,346	27,405	232	822	558	1,128	2,201	1,912	3,591
Tennessee	148,692	174,444	152,480	634	535	3,385	3,038	14,373	7,071	6,993
Texas	804,201	1,038,704	862,758	2,456	57,843	18,042	18,597	79,007	29,441	19,625
Utah	42,385	52,665	43,651	510	1,750	965	1,128	4,662	3,518	4,987
Vermont	20,936	27,085	22,382	325	613	479	1,128	2,159	1,912	3,443
Virginia	150,677	200,137	174,347	445	799	3,830	3,800	16,916	8,816	7,978
Washington	142,891	178,444	142,699	697	15,580	3,256	3,031	13,182	7,733	7,367
West Virginia	79,851	91,057	81,033	369	84	1,791	1,652	6,128	2,076	4,172
Wisconsin	141,009	169,398	149,747	1,247	619	3,552	3,116	11,118	7,090	7,004
Wyoming	21,835	28,427	23,956	457	219	509	1,128	2,159	1,912	3,382
Other activities										
Indian Tribe Set-Aside	58,200	77,769	70,821	800	0	1,648	0	4,500	0	1,850
Other non-state allocations.	43,800	77,650	7,500	0	10,000	9,400	23,250	27,500	0	17,000
Outlying areas										
American Samoa	6,131	9,391	7,453	0	0	173	337	1,428	511	351
Guam	5,275	8,369	6,646	0	0	149	300	1,274	1,098	754
Northern Marianas	3,047	4,304	3,541	0	0	84	160	519	344	236
Puerto Rico	293,154	378,979	333,296	415	3,880	6,811	7,273	27,305	5,503	6,108
Virgin Islands	10,438	12,042	10,014	0	0	295	453	1,279	742	509

¹ Formerly Chapter 1.

² Includes Basic, Concentration, Targeted, and Education Finance Incentive Grants.

³ Total excludes other activities and outlying areas.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, Budget Service, Elementary, Secondary, and Vocational Education Analysis Division, unpublished data. (This table was prepared February 2004.)

Table 373. U.S. Department of Agriculture obligations for child nutrition programs, by state or jurisdiction: Fiscal years 2001 and 2002

[In thousands of dollars]

State or jurisdiction	Total, fiscal year 2001	Fiscal year 2002							
		Total	Special milk	School lunch ¹	School breakfast	State administrative expenses	Commodities and cash in lieu of commodities ²	Child and adult care	Summer food service
1	2	3	4	5	6	7	8	9	10
United States³	\$9,850,516	\$10,454,599	\$16,031	\$5,891,898	\$1,530,047	\$123,695	\$863,527	\$1,779,169	\$250,232
Alabama	188,798	205,383	60	119,677	30,112	2,410	16,699	32,285	4,141
Alaska	27,620	29,019	3	16,775	3,062	484	2,037	6,349	309
Arizona	190,658	208,023	143	120,080	29,649	2,518	14,008	39,484	2,141
Arkansas	115,880	128,857	18	68,106	21,366	1,548	12,225	23,726	1,869
California	1,311,014	1,365,946	848	818,610	203,936	15,637	92,325	216,756	17,835
Colorado	94,502	99,553	160	56,241	10,600	1,413	9,674	20,694	772
Connecticut	77,202	83,609	444	50,129	10,917	996	10,107	9,744	1,271
Delaware	26,152	27,651	51	12,714	3,265	491	2,202	7,618	1,311
District of Columbia	27,254	27,637	7	15,782	4,269	391	2,084	3,337	1,768
Florida	549,725	588,488	107	345,143	91,908	6,340	41,497	86,338	17,155
Georgia	388,150	417,171	31	230,785	72,767	4,563	32,819	65,480	10,727
Hawaii	41,550	44,288	7	28,312	6,413	617	3,738	4,485	716
Idaho	39,429	42,232	200	26,048	4,921	557	4,484	4,435	1,587
Illinois	394,928	420,517	2,821	246,156	39,665	4,892	35,428	82,169	9,386
Indiana	162,632	169,058	310	99,308	21,579	1,995	16,653	26,351	2,862
Iowa	86,194	90,401	117	50,193	10,358	1,178	12,047	15,798	710
Kansas	92,062	100,688	142	49,427	13,690	1,352	7,800	27,022	1,256
Kentucky	172,602	181,022	101	100,947	34,076	2,060	15,399	23,815	4,626
Louisiana	257,882	266,681	53	145,959	45,833	3,268	20,067	45,311	6,190
Maine	35,012	36,626	132	18,428	4,212	620	3,412	9,038	784
Maryland	144,485	152,958	484	80,324	21,803	1,905	12,702	30,957	4,782
Massachusetts	168,642	176,126	528	87,304	22,164	2,376	17,384	41,093	5,277
Michigan	256,410	273,536	867	155,233	40,650	3,294	25,491	44,583	3,418
Minnesota	163,298	170,145	973	74,604	16,956	2,537	16,365	55,913	2,796
Mississippi	174,190	183,955	6	105,405	36,401	2,078	13,638	22,309	4,117
Missouri	181,440	196,356	454	109,072	30,418	2,321	15,164	32,425	6,502
Montana	30,694	31,116	42	14,837	3,325	560	2,750	8,953	648
Nebraska	66,353	69,936	120	32,697	6,348	1,126	7,747	21,124	773
Nevada	45,780	50,750	158	32,598	8,048	554	5,062	3,098	1,232
New Hampshire	21,020	21,790	193	12,055	2,362	361	3,673	2,703	444
New Jersey	198,074	213,929	895	127,122	19,159	2,407	18,499	37,951	7,898
New Mexico	112,499	116,532	15	53,437	16,468	1,664	6,389	32,812	5,748
New York	725,309	752,058	1,045	422,849	94,611	8,699	59,823	125,532	39,500
North Carolina	313,708	334,418	142	176,069	54,254	3,891	27,969	66,855	5,238
North Dakota	24,693	24,700	94	10,758	2,099	507	2,381	8,494	367
Ohio	281,647	309,168	897	173,506	39,411	3,526	34,377	51,744	5,707
Oklahoma	152,974	165,803	69	82,928	27,285	2,156	12,670	38,415	2,279
Oregon	104,742	109,563	129	56,958	18,735	1,520	8,227	22,708	1,285
Pennsylvania	295,622	310,925	782	181,447	40,065	3,365	30,104	41,516	13,647
Rhode Island	29,452	33,256	98	18,609	4,203	470	2,955	5,975	946
South Carolina	177,022	186,778	8	107,367	33,586	2,057	15,831	21,034	6,895
South Dakota	29,572	30,069	43	16,332	3,534	505	3,294	5,701	658
Tennessee	203,768	219,997	26	123,308	33,893	2,568	19,993	34,975	5,234
Texas	996,566	1,083,349	92	628,606	203,416	11,373	76,241	139,927	23,694
Utah	81,088	86,923	73	45,129	7,151	1,278	8,827	22,329	2,136
Vermont	15,373	16,370	75	8,006	2,307	352	1,640	3,679	311
Virginia	185,141	189,315	263	113,552	28,457	1,523	19,344	22,319	3,857
Washington	165,839	178,065	291	97,480	24,035	2,187	15,764	35,312	2,996
West Virginia	73,220	78,085	34	40,322	14,451	1,017	6,645	13,997	1,619
Wisconsin	136,667	139,920	1,360	77,282	10,225	1,838	16,142	30,419	2,654
Wyoming	15,617	15,858	23	7,879	1,629	351	1,733	4,085	159
Other activities									
Administrative costs	6,226	3,078	0	0	0	0	3,078	0	0
Department of Defense dependents schools	7,635	7,293	0	6,197	33	0	1,063	0	0
Outlying areas	183,831	193,252	2	120,200	30,818	2,431	13,187	18,549	8,065
American Samoa	0	0	0	0	0	0	0	0	0
Guam	5,366	5,637	0	3,931	1,252	213	168	73	0
Northern Marianas	0	0	0	0	0	0	0	0	0
Puerto Rico	172,359	181,180	0	112,275	29,209	1,970	12,512	17,826	7,389
Trust Territories	560	0	0	0	0	0	0	0	0
Virgin Islands	5,546	6,434	2	3,994	357	247	508	650	676
Undistributed ⁴	255,883	131,888	1,468	7,658	(19,895)	6,181	54,533	33,013	48,931

¹ Special Meal Assistance program is combined with "School Lunch" program.

² Commodities are based on preliminary food orders for fiscal year 2001.

³ Excludes other activities, outlying areas, and undistributed.

⁴ Undistributed amount reflects the difference between preliminary state earnings reports and federal obligations as of September 30, 2002. Undistributed amount under school lunch includes obligations for American Samoa and the Northern Marianas Islands.

NOTE: Data are based on obligations as reported September 30, 2002. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Agriculture, Food and Nutrition Service, Budget Division, unpublished data. (This table was prepared July 2003.)

Table 374. U.S. Department of Health and Human Services allocations for Head Start and enrollment in Head Start, by state or jurisdiction: Fiscal years 1999 to 2002

State or jurisdiction	1999		2000		2001		2002	
	Head Start allocations (in thousands)	Head Start enrollment ¹	Head Start allocations (in thousands)	Head Start enrollment ²	Head Start allocations (in thousands)	Head Start enrollment ³	Head Start allocations (in thousands)	Head Start enrollment ⁴
1	2	3	4	5	6	7	8	9
United States⁵	\$4,021,476	729,697	\$4,546,132	761,844	\$5,346,145	804,598	\$5,627,581	810,472
Alabama	71,983	15,263	82,414	15,823	95,374	16,498	100,154	16,529
Alaska	8,786	1,281	9,738	1,297	11,656	1,586	12,104	1,839
Arizona	62,444	11,127	73,697	11,882	89,629	12,865	96,913	13,297
Arkansas	43,449	10,097	48,379	10,316	57,381	10,818	61,024	10,930
California	554,366	86,459	642,512	95,280	758,591	97,667	801,430	98,687
Colorado	46,602	9,135	52,226	9,333	61,805	9,826	65,716	9,872
Connecticut	37,906	6,825	41,674	6,857	47,931	7,207	49,985	7,224
Delaware	8,873	2,126	9,820	2,119	11,831	2,243	12,286	2,231
District of Columbia	19,201	3,279	20,926	3,345	23,203	3,343	24,091	3,403
Florida	169,996	30,792	195,696	32,389	236,056	34,657	252,370	35,610
Georgia	112,040	21,121	126,281	21,580	151,340	23,140	161,740	23,414
Hawaii	15,786	2,799	18,199	2,916	21,166	3,073	21,977	3,073
Idaho	14,121	2,266	16,098	2,387	20,158	2,890	21,663	3,347
Illinois	192,580	35,211	214,965	37,767	248,855	39,805	259,780	39,619
Indiana	65,226	13,057	72,467	13,323	85,241	14,256	88,667	14,145
Iowa	36,038	7,003	40,714	7,235	47,381	7,689	49,495	7,620
Kansas	32,958	7,000	37,061	7,447	44,951	7,897	47,909	8,013
Kentucky	76,409	15,281	85,198	15,701	99,054	16,419	103,473	16,190
Louisiana	100,196	20,703	110,318	20,975	128,484	21,969	135,048	22,136
Maine	18,695	3,618	20,378	3,631	24,770	3,958	26,661	4,002
Maryland	54,966	9,626	61,920	9,968	71,713	10,487	74,929	10,527
Massachusetts	78,544	12,094	85,917	12,250	99,675	13,004	104,182	13,040
Michigan	171,121	33,422	186,842	33,769	215,873	35,112	225,290	35,269
Minnesota	51,740	9,630	56,401	9,715	65,523	10,164	69,643	10,331
Mississippi	117,375	25,091	129,843	25,455	149,606	26,624	155,259	26,742
Missouri	78,622	16,191	93,475	16,574	108,305	17,718	113,256	17,646
Montana	13,839	2,678	15,267	2,703	18,944	2,971	20,117	2,982
Nebraska	23,890	4,518	26,660	4,571	32,142	4,982	34,580	5,252
Nevada	11,484	2,035	12,369	2,035	18,367	2,694	19,786	2,754
New Hampshire	9,114	1,425	9,838	1,425	12,388	1,632	12,861	1,632
New Jersey	94,945	14,443	104,743	14,567	120,245	15,329	125,176	15,262
New Mexico	35,363	7,108	38,374	7,135	45,919	7,618	49,185	7,749
New York	304,283	45,040	342,136	46,805	398,522	48,952	418,239	49,493
North Carolina	93,979	17,394	104,684	17,808	124,580	18,991	132,667	19,202
North Dakota	10,561	2,002	11,973	2,042	15,750	2,287	16,036	2,307
Ohio	178,271	36,454	196,684	38,261	226,942	38,072	236,999	38,081
Oklahoma	54,422	12,217	61,555	12,655	72,190	13,228	76,910	13,460
Oregon	40,118	5,480	46,071	5,771	54,785	9,129	57,105	9,199
Pennsylvania	165,674	29,124	181,844	29,650	209,346	31,104	219,115	30,986
Rhode Island	15,330	2,817	17,378	2,952	20,412	3,150	21,184	3,150
South Carolina	56,280	11,207	64,060	11,604	74,963	12,184	78,507	12,248
South Dakota	12,708	2,485	14,045	2,587	17,513	2,925	18,079	2,827
Tennessee	81,387	14,753	92,040	15,747	107,146	16,344	112,344	16,507
Texas	299,891	58,173	361,846	63,171	429,075	67,572	454,292	67,664
Utah	23,185	4,679	27,840	5,079	35,858	5,403	36,270	5,527
Vermont	9,691	1,438	10,514	1,438	12,553	1,573	13,023	1,573
Virginia	66,246	12,243	74,487	12,652	89,890	13,612	95,366	13,772
Washington	69,601	9,831	78,359	10,287	92,257	11,106	97,247	11,167
West Virginia	36,062	7,043	39,842	7,144	46,713	7,590	48,625	7,650
Wisconsin	67,582	13,113	72,177	12,953	83,337	13,478	86,941	13,489
Wyoming	7,546	1,500	8,187	1,468	10,760	1,757	11,882	1,803
Other activities								
Migrant programs	178,122	38,132	206,391	31,607	246,905	33,355	257,815	33,850
Support activities	—	†	—	†	—	†	210,255	†
American Indian/Alaska Native programs	130,191	21,237	144,768	22,391	171,289	23,632	181,794	23,837
Outlying areas	172,634	40,889	205,616	41,812	240,376	43,650	259,125	44,290
Puerto Rico	155,526	33,470	185,563	34,393	216,476	35,894	234,304	36,920
Pacific Territories	10,297	5,989	12,356	5,989	14,381	6,209	14,943	6,209
Virgin Islands	6,811	1,430	7,697	1,430	9,519	1,547	9,878	1,161

—Not available.

† Not applicable.

¹ The distribution of enrollment by age was: 6 percent were 5 years old and over; 59 percent were 4-year-olds; 31 percent were 3-year-olds; and 4 percent were under 3 years of age. Handicapped children accounted for 13 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaska Native, 3 percent; Hispanic, 27 percent; Black, 35 percent; White, 31 percent; and Asian, 3 percent.

² The distribution of enrollment by age was: 5 percent were 5 years old and over; 56 percent were 4-year-olds; 33 percent were 3-year-olds; and 6 percent were under 3 years of age. Handicapped children accounted for 13 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaska Native, 3 percent; Hispanic, 29 percent; Black, 35 percent; White, 30 percent; Asian, 2 percent, and Hawaiian/Pacific Islander, 1 percent.

³ The distribution of enrollment by age was: 4 percent were 5 years old and over; 54 percent were 4-year-olds; 35 percent were 3-year-olds; and 7 percent were under 3 years of age. Handicapped children accounted for 13 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaska Native, 4 percent; Hispanic,

30 percent; Black, 34 percent; White, 30 percent; Asian, 2 percent, and Hawaiian/Pacific Islander, 1 percent.

⁴ The distribution of enrollment by age was: 5 percent were 5 years old and over; 52 percent were 4-year-olds; 36 percent were 3-year-olds; and 7 percent were under 3 years of age. Handicapped children accounted for 13 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaska Native, 3 percent; Hispanic, 30 percent; Black, 33 percent; White, 28 percent; Asian, 2 percent, and Hawaiian/Pacific Islander, 1 percent.

⁵ Excludes other activities and outlying areas.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Health and Human Services, Office of Human Development Services. (This table was prepared July 2003.)

Table 375. Federal science and engineering obligations to colleges and universities, by agency and state or jurisdiction: Fiscal year 2001

[In thousands of dollars]

State or jurisdiction	Total	Department of Agriculture	Department of Defense	Department of Education	Department of Energy	Environmental Protection Agency	Department of Health and Human Services	National Aeronautics and Space Administration	National Science Foundation	Other ¹
1	2	3	4	5	6	7	8	9	10	11
United States	\$22,387,443	\$1,176,500	\$2,151,446	\$184,616	\$767,090	\$185,091	\$12,782,866	\$1,123,522	\$3,303,715	\$712,597
Alabama	370,085	29,178	16,971	3,106	6,998	0	226,990	52,060	26,441	8,341
Alaska	92,254	8,792	2,210	2,062	651	527	6,589	14,365	38,196	18,862
Arizona	264,117	14,882	21,753	5,316	6,017	7,720	114,842	23,680	61,797	8,110
Arkansas	93,522	30,342	1,618	1,238	220	0	44,467	430	9,557	5,650
California	3,013,126	48,950	286,563	23,714	117,583	16,599	1,774,270	180,556	514,591	50,300
Colorado	617,840	19,104	19,419	2,709	16,868	6,122	223,708	55,078	190,508	84,324
Connecticut	391,557	12,674	11,890	721	11,260	1,279	315,597	4,733	27,851	5,552
Delaware	55,632	8,440	7,181	1,693	3,684	109	15,581	1,493	15,002	2,449
District of Columbia	220,365	3,545	36,563	1,556	1,388	300	152,302	8,220	10,481	6,010
Florida	548,591	38,148	92,615	2,236	22,357	2,536	247,912	25,703	92,253	24,831
Georgia	500,630	42,509	65,518	4,391	11,937	2,385	272,294	19,031	74,224	8,341
Hawaii	122,112	12,171	15,098	950	2,320	782	36,577	13,495	20,001	20,718
Idaho	40,459	10,379	4,941	1,540	666	33	5,937	3,303	6,488	7,172
Illinois	827,094	31,263	54,787	12,201	29,058	2,491	455,862	12,151	216,351	12,930
Indiana	303,392	24,908	20,186	1,154	19,863	2,557	154,133	6,267	69,258	5,066
Iowa	281,689	39,747	4,424	2,046	6,550	3,328	170,123	7,221	34,564	13,686
Kansas	148,759	31,574	4,157	4,019	7,526	1,797	64,524	4,985	22,286	7,891
Kentucky	166,094	30,686	8,233	2,170	2,306	1,166	95,893	2,384	20,705	2,551
Louisiana	173,134	21,103	20,738	1,903	5,857	5,096	80,457	7,184	22,303	8,493
Maine	40,624	10,515	5,582	903	0	0	3,686	854	12,948	6,136
Maryland	1,319,192	15,855	367,007	2,286	12,815	8,981	603,099	191,726	80,291	37,132
Massachusetts	1,220,024	13,516	123,957	4,970	81,535	13,777	672,635	53,513	211,497	44,624
Michigan	685,093	38,423	41,727	9,055	23,895	5,709	419,417	12,423	122,337	12,107
Minnesota	325,252	27,297	11,468	4,135	10,809	7,610	199,486	5,526	51,892	7,029
Mississippi	171,877	38,319	39,676	2,097	8,535	952	39,443	16,594	18,907	7,354
Missouri	507,625	31,720	10,476	2,908	9,160	6,517	388,859	21,529	30,999	5,457
Montana	84,592	16,220	2,195	1,877	1,312	3,483	17,270	13,543	22,797	5,895
Nebraska	108,199	30,295	10,550	1,243	2,094	0	48,502	2,513	11,008	1,994
Nevada	66,853	8,759	2,254	713	19,774	0	18,981	2,395	11,510	2,467
New Hampshire	137,920	5,336	4,310	934	1,996	6,377	65,337	10,099	14,644	28,887
New Jersey	333,912	16,168	34,720	5,438	15,152	2,569	171,945	11,001	68,459	8,460
New Mexico	179,660	11,271	48,181	852	8,221	2,903	58,718	25,552	20,482	3,480
New York	1,819,007	42,913	89,548	8,136	69,624	13,934	1,205,683	38,187	279,916	71,066
North Carolina	871,764	48,609	52,700	10,476	14,316	13,488	614,671	9,911	86,052	21,541
North Dakota	50,258	15,545	1,728	209	8,053	0	10,681	4,040	6,900	3,102
Ohio	620,116	31,724	61,896	5,345	12,626	3,166	397,108	27,430	69,210	11,611
Oklahoma	109,822	19,620	4,765	3,495	5,317	957	40,209	9,459	21,277	4,723
Oregon	292,746	20,989	12,070	2,791	6,691	4,290	170,229	8,061	55,176	12,449
Pennsylvania	1,331,904	29,538	189,669	7,516	37,290	3,507	878,879	32,992	144,463	8,050
Rhode Island	104,458	3,987	14,125	677	2,399	34	46,387	3,868	24,207	8,774
South Carolina	176,428	20,555	20,174	2,189	9,658	699	85,674	5,322	21,044	11,113
South Dakota	32,833	9,103	615	663	0	0	7,962	1,472	11,859	1,159
Tennessee	341,926	25,673	12,645	1,567	10,089	547	246,427	8,149	32,492	4,337
Texas	1,364,940	61,232	168,035	7,467	30,526	7,934	842,521	80,517	139,300	27,408
Utah	207,726	13,441	14,080	2,841	9,612	1,868	124,968	8,879	28,987	3,050
Vermont	76,913	8,540	1,325	907	1,001	1,176	57,074	452	5,267	1,171
Virginia	418,541	25,554	45,860	5,316	19,375	2,966	202,378	35,549	65,572	15,971
Washington	608,782	27,018	42,546	2,475	26,590	4,021	389,033	10,715	87,083	19,301
West Virginia	62,315	12,562	3,443	751	7,083	0	16,267	14,672	1,040	6,497
Wisconsin	448,810	32,690	18,469	6,794	27,130	1,302	274,817	13,790	65,350	8,468
Wyoming	36,879	5,118	785	2,865	1,303	11,497	6,462	450	7,892	507
Outlying areas	100,776	22,687	1,367	3,051	721	1,471	48,280	3,817	17,455	1,927
American Samoa	1,167	1,152	0	0	0	0	0	0	0	15
Guam	3,813	2,532	64	0	0	0	1,167	0	50	0
Puerto Rico	89,058	13,649	1,303	3,051	721	1,471	46,369	3,817	16,856	1,821
Trust Territory of the Pacific	3,216	3,216	0	0	0	0	0	0	0	0
Virgin Islands	3,522	2,138	0	0	0	0	744	0	549	91

¹ Includes U.S. Department of Commerce, U.S. Department of Housing and Urban Development, U.S. Department of the Interior, Agency for International Development, U.S. Department of Labor, U.S. Department of State, U.S. Department of Transportation, Bureau of Engraving and Printing, General Services Administration, Office of Justice programs, Social Security Administration, and Nuclear Regulatory Commission.

NOTE: Dollars reflect actual obligations during the fiscal year regardless of when the funds were actually spent by a recipient institution. Data are not comparable with pre-

vious years because starting in fiscal year 1999, data no longer include obligations to federally funded research and development centers administered by colleges and universities. Detail may not sum to totals due to rounding.

SOURCE: National Science Foundation, *Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 2001*. (This table was prepared July 2003.)

Table 376. Summary of federal funds for research, development, and R&D plant, by type of obligations, recipients, and fields: Fiscal years 1995 to 2003

[In millions of current dollars]

Item	Actual							Estimate		
	1995	1996	1997	1998	1999	2000	2001	2002	2003	Percent change, 2002 to 2003
1	2	3	4	5	6	7	8	9	10	11
Total outlays for research, development, and R&D plant	\$68,410.0	\$67,756.1	\$70,892.0	\$72,295.6	\$72,613.9	\$74,077.0	\$79,692.2	\$91,113.8	\$97,171.7	6.6
Research and development	66,374.6	65,909.9	68,897.2	70,434.5	70,585.2	69,807.3	75,335.7	86,072.5	92,464.6	7.4
R&D plant	2,035.4	1,846.2	1,994.8	1,861.1	2,028.7	4,269.7	4,356.5	5,041.4	4,707.1	-6.6
Total obligations for research, development, and R&D plant	71,011.8	69,408.7	71,744.7	73,743.5	77,386.6	77,356.1	84,003.0	97,464.6	103,113.8	5.8
Research and development obligations	68,754.9	67,662.6	69,829.9	71,903.3	75,340.8	72,863.2	79,933.2	92,979.4	98,608.1	6.1
Performers										
Federal intramural ¹	17,342.7	16,596.4	16,720.0	17,114.0	18,084.7	17,149.8	20,219.8	23,531.3	24,557.7	4.4
Industrial firms	30,468.7	30,361.4	31,418.0	31,839.7	31,901.6	27,735.5	27,006.2	34,182.2	36,411.3	6.5
FFRDCs ² administered by industrial firms	1,203.9	1,137.0	1,128.2	1,188.8	1,328.1	1,100.9	1,186.6	1,380.1	1,477.9	7.1
Universities and colleges	11,933.0	11,944.7	12,561.1	13,365.9	14,959.1	16,815.1	19,587.9	21,343.6	23,055.2	8.0
FFRDCs ² administered by universities and colleges	3,574.3	3,447.7	3,701.1	3,890.2	3,896.5	4,053.2	4,617.7	4,669.2	4,834.5	3.5
Other nonprofit institutions	2,806.5	2,886.9	2,962.1	3,155.1	3,608.8	4,216.6	5,138.8	5,793.0	6,260.7	8.1
FFRDCs ² administered by nonprofit institutions	831.4	754.5	821.0	603.0	913.3	1,231.5	1,269.1	1,185.3	1,222.2	3.1
State and local governments	316.5	246.7	261.1	447.5	357.5	224.0	450.6	491.6	393.1	-20.0
Foreign	277.8	287.4	257.5	299.1	291.3	336.7	456.5	403.1	395.5	-1.9
Research obligations	28,573.4	28,265.1	29,365.6	30,922.3	33,527.5	38,470.5	44,713.7	49,808.8	53,376.9	7.2
Performers										
Federal intramural ¹	7,787.8	7,528.2	7,667.2	7,964.7	8,685.8	9,449.6	11,130.9	12,529.8	13,210.6	5.4
Industrial firms	4,727.9	4,291.3	4,392.1	4,635.1	4,579.8	4,801.2	5,262.3	6,293.6	6,565.7	4.3
FFRDCs ² administered by industrial firms	818.0	696.2	759.6	844.1	879.3	700.3	822.3	885.6	982.4	10.9
Universities and colleges	10,371.6	10,673.7	11,173.2	11,741.0	13,203.8	16,015.9	18,657.1	20,330.5	22,228.9	9.3
FFRDCs ² administered by universities and colleges	2,235.6	2,386.0	2,598.9	2,743.0	2,554.1	2,773.2	3,096.3	3,410.0	3,478.2	2.0
Other nonprofit institutions	2,056.1	2,179.5	2,294.9	2,425.2	2,806.7	3,719.8	4,577.9	5,152.6	5,750.9	11.6
FFRDCs ² administered by nonprofit institutions	210.1	195.8	217.5	214.5	469.5	696.1	739.4	728.0	741.2	1.8
State and local governments	221.4	187.4	144.0	240.1	232.4	162.5	308.7	353.4	282.4	-20.1
Foreign	144.8	126.8	118.1	114.5	116.1	152.0	118.9	125.3	136.6	9.0
Fields of science										
Life sciences	11,979.0	12,099.7	12,661.3	13,557.6	15,422.5	17,964.7	23,057.3	25,868.4	28,672.8	10.8
Psychology	653.6	513.0	545.4	591.0	632.6	1,626.7	741.9	838.6	955.2	13.9
Physical sciences	4,851.2	3,964.4	4,148.7	4,209.7	4,066.2	4,787.9	4,600.8	5,145.2	5,200.4	1.1
Environmental sciences	2,722.9	2,997.0	3,045.7	3,062.0	3,095.3	3,328.8	3,251.7	3,667.5	3,878.8	5.8
Mathematics and computer sciences	1,667.9	1,554.1	1,671.8	1,836.8	1,980.6	2,205.6	2,610.6	2,751.3	2,866.1	4.2
Engineering	4,952.7	5,679.6	5,690.3	5,895.4	6,263.4	6,346.4	8,197.0	8,951.4	9,160.6	2.3
Social sciences	682.9	674.2	696.3	806.1	854.9	1,050.3	1,008.6	1,027.2	1,050.3	2.3
Other sciences	1,063.2	783.0	906.1	963.7	1,212.1	1,160.2	1,245.8	1,559.2	1,592.6	2.1
Basic research obligations	13,895.5	14,462.4	14,942.2	15,613.0	17,443.7	19,569.8	21,958.1	24,173.5	25,976.6	7.5
Performers										
Federal intramural ¹	2,712.9	2,689.2	2,688.6	2,917.8	3,255.2	3,621.8	4,193.8	4,685.4	4,411.1	-5.9
Industrial firms	1,221.2	1,131.0	1,166.7	1,119.7	1,082.8	1,356.5	917.1	1,122.9	1,446.2	28.8
FFRDCs ² administered by industrial firms	239.1	272.8	294.7	326.4	313.4	171.3	175.1	197.9	220.0	11.2
Universities and colleges	6,951.3	7,406.1	7,695.8	7,952.2	9,107.1	10,056.7	11,792.2	12,737.1	14,024.2	10.1
FFRDCs ² administered by universities and colleges	1,438.3	1,522.0	1,600.0	1,642.3	1,565.5	1,674.0	1,762.1	1,969.3	1,984.3	0.8
Other nonprofit institutions	1,134.2	1,235.2	1,289.6	1,397.6	1,650.0	1,985.3	2,441.7	2,754.0	3,152.9	14.5
FFRDCs ² administered by nonprofit institutions	75.2	76.5	88.4	121.8	354.9	521.6	540.5	553.6	570.6	3.1
State and local governments	78.7	80.2	68.4	84.9	61.4	75.7	71.5	85.0	89.5	5.4
Foreign	44.5	49.5	49.9	50.4	53.4	106.9	64.0	68.4	77.6	13.4
Fields of science										
Life sciences	6,746.7	6,911.0	7,203.8	7,853.4	9,197.1	10,049.0	12,835.5	14,355.4	15,391.7	7.2
Psychology	279.8	281.5	293.9	312.0	347.3	817.8	292.9	335.6	361.1	8.5
Physical sciences	2,709.3	2,901.7	2,976.4	2,941.4	3,089.8	3,470.6	3,327.1	3,664.1	3,868.9	5.6
Environmental sciences	1,410.7	1,531.2	1,543.5	1,528.7	1,615.7	1,838.4	1,663.0	1,852.5	2,018.3	8.9
Mathematics and computer sciences	626.1	622.0	661.4	705.5	734.9	798.3	957.8	1,002.4	1,054.5	5.2
Engineering	1,432.2	1,606.6	1,583.0	1,594.4	1,639.7	1,764.2	1,911.5	1,909.1	2,174.3	13.9
Social sciences	210.8	230.0	221.0	224.8	246.5	308.0	278.4	294.9	304.8	3.3
Other sciences	479.9	378.3	459.3	452.7	572.5	523.6	691.7	759.4	800.0	5.3
Applied research obligations	14,677.9	13,802.7	14,423.4	15,309.3	16,083.7	18,900.7	22,755.6	25,635.2	27,400.3	6.9
Performers										
Federal intramural ¹	5,074.9	4,839.0	4,978.7	5,046.9	5,430.6	5,827.8	6,937.2	7,844.5	8,799.4	12.2
Industrial firms	3,506.7	3,160.3	3,225.5	3,515.4	3,497.0	3,444.6	4,345.2	5,170.7	5,119.5	-1.0
FFRDCs ² administered by industrial firms	578.9	423.4	464.9	517.7	565.8	528.9	647.2	687.7	762.4	10.9
Universities and colleges	3,420.3	3,267.6	3,477.4	3,788.9	4,096.7	5,959.2	6,864.9	7,593.4	8,204.7	8.1
FFRDCs ² administered by universities and colleges	797.3	864.0	998.8	1,100.7	988.6	1,099.2	1,334.2	1,440.8	1,493.9	3.7
Other nonprofit institutions	921.9	944.3	1,005.3	1,027.7	1,156.7	1,734.5	2,136.2	2,398.6	2,598.0	8.3
FFRDCs ² administered by nonprofit institutions	134.9	119.4	129.2	92.6	114.6	174.5	198.9	174.4	170.6	-2.2
State and local governments	142.7	107.3	75.5	155.2	171.0	86.9	237.1	268.4	192.8	-28.1
Foreign	100.3	77.4	68.2	64.1	62.8	45.1	54.9	56.9	59.0	3.6

See notes at end of table.

Table 376. Summary of federal funds for research, development, and R&D plant, by type of obligations, recipients, and fields: Fiscal years 1995 to 2003—Continued

[In millions of current dollars]

Item	Actual							Estimate		
	1995	1996	1997	1998	1999	2000	2001	2002	2003	Percent change, 2002 to 2003
1	2	3	4	5	6	7	8	9	10	11
Fields of science										
Life sciences	5,232.3	5,188.7	5,457.6	5,704.1	6,225.3	7,915.7	10,221.8	11,512.9	13,281.0	15.4
Psychology	373.9	231.5	251.5	279.0	285.3	808.9	449.0	503.0	591.1	17.5
Physical sciences	2,141.9	1,062.7	1,172.4	1,268.3	976.4	1,317.3	1,273.6	1,481.1	1,331.6	-10.1
Environmental sciences	1,312.3	1,465.8	1,502.2	1,533.2	1,479.5	1,490.3	1,588.6	1,815.0	1,860.5	2.5
Mathematics and computer sciences	1,041.7	932.1	1,010.5	1,131.4	1,245.7	1,407.3	1,652.8	1,748.9	1,811.6	3.6
Engineering	3,520.5	4,073.0	4,107.3	4,301.0	4,623.7	4,582.2	6,285.5	7,042.3	6,986.4	-0.8
Social sciences	472.0	444.2	475.3	581.3	608.3	742.3	730.2	732.2	745.5	1.8
Other sciences	583.3	404.7	446.8	510.9	639.6	636.6	554.1	799.8	792.6	-0.9
Development obligations	40,181.4	39,397.5	40,464.3	40,981.0	41,813.1	34,392.7	35,219.5	43,170.6	45,231.2	4.8
Performers										
Federal intramural ¹	9,554.9	9,068.1	9,052.7	9,149.3	9,398.9	7,700.2	9,088.9	11,001.5	11,347.2	3.1
Industrial firms	25,740.7	26,070.1	27,025.8	27,204.6	27,321.8	22,934.4	21,744.0	27,888.6	29,845.6	7.0
FFRDCs ² administered by industrial firms	385.9	440.7	368.6	344.7	448.8	400.6	364.3	494.5	495.5	0.2
Universities and colleges	1,561.4	1,271.0	1,387.9	1,624.8	1,755.3	799.3	930.8	1,013.1	826.4	-18.4
FFRDCs ² administered by universities and colleges ...	1,338.7	1,061.6	1,102.1	1,147.2	1,342.3	1,279.9	1,521.4	1,259.2	1,356.3	7.7
Other nonprofit institutions	750.4	707.4	667.2	729.9	802.0	496.8	560.8	640.4	509.8	-20.4
FFRDCs ² administered by nonprofit institutions	621.3	558.7	603.4	388.5	443.7	535.4	529.7	457.3	480.9	5.2
State and local governments	95.1	59.3	117.1	207.4	125.1	61.5	141.9	138.2	110.7	-19.9
Foreign	133.0	160.5	139.3	184.6	175.2	184.7	337.6	277.7	258.9	-6.8
R&D plant obligations	2,256.9	1,746.1	1,914.8	1,840.2	2,045.8	4,492.8	4,069.8	4,485.2	4,505.7	0.5
Performers										
Federal intramural ¹	482.6	405.1	608.3	475.3	483.3	573.3	520.4	625.1	788.3	26.1
Industrial firms	696.6	465.4	389.8	487.7	544.7	2,814.6	2,179.8	2,428.6	2,257.6	-7.0
FFRDCs ² administered by industrial firms	95.1	43.9	60.5	45.6	172.8	27.6	41.8	108.3	108.9	0.6
Universities and colleges	323.8	243.1	238.6	139.5	141.2	213.5	284.7	318.8	370.1	16.1
FFRDCs ² administered by universities and colleges ...	543.9	497.8	548.8	663.6	615.5	613.8	615.9	560.1	556.5	-0.6
Other nonprofit institutions	25.6	23.4	16.7	10.9	12.2	55.5	27.9	34.8	45.9	32.2
FFRDCs ² administered by nonprofit institutions	62.6	66.1	52.0	12.1	70.7	193.5	357.5	376.4	345.1	-8.3
State and local governments	0.5	1.0	—	—	5.3	0.9	1.4	3.2	3.5	7.7
Foreign	26.1	0.5	0.1	5.5	—	0.1	40.4	29.9	29.8	-0.3

—Not available.

¹ Includes costs associated with the administration of intramural and extramural programs by federal personnel as well as actual intramural performance.² Federally funded research and development centers.

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: National Science Foundation, *Federal Funds for Research and Development*, various years. (This table was prepared July 2003.)

Table 377. Federal obligations for research and development and R&D plant, by selected agency and state or jurisdiction: Fiscal year 2001

[In thousands of dollars]

State or jurisdiction	Total	Department of Agriculture	Department of Commerce	Department of Defense	Department of Energy	Department of Health and Human Services	Department of the Interior	Department of Transportation	Environmental Protection Agency	National Aeronautics and Space Administration	National Science Foundation
1	2	3	4	5	6	7	8	9	10	11	12
United States¹	\$81,936,564	\$2,052,169	\$1,020,375	\$35,158,403	\$7,647,957	\$21,496,319	\$617,948	\$689,564	\$471,623	\$9,479,898	\$3,302,308
Alabama	2,536,001	23,760	2,237	1,692,763	9,875	243,922	2,765	11,450	2,761	528,358	18,110
Alaska	212,609	15,834	52,029	41,948	3,254	17,295	21,312	4,506	862	17,948	37,621
Arizona	1,784,114	30,201	5,191	1,386,257	5,423	148,650	9,141	4,796	2,818	101,670	89,967
Arkansas	188,571	43,307	0	57,666	220	75,614	1,803	1,704	55	578	7,624
California	13,221,422	122,319	73,697	5,843,743	1,620,807	2,283,002	92,302	29,028	19,494	2,627,945	509,085
Colorado	1,395,146	39,689	110,325	311,410	166,298	289,155	103,510	14,745	6,300	161,437	192,277
Connecticut	1,432,973	11,398	8,087	906,408	30,644	349,861	928	17,082	1,367	78,369	28,829
Delaware	70,231	4,484	3,132	22,917	3,438	18,357	639	565	132	2,614	13,953
District of Columbia	2,632,392	209,844	10,530	1,194,013	337,824	324,074	2,034	192,875	54,625	218,624	87,949
Florida	2,828,442	59,844	40,339	1,888,105	20,760	256,780	21,445	9,817	11,401	434,983	84,968
Georgia	3,415,961	72,409	2,668	2,686,356	43,876	503,430	5,925	4,714	13,840	23,725	59,018
Hawaii	295,959	30,406	24,449	124,365	3,580	57,992	7,837	642	416	27,503	18,769
Idaho	227,711	22,312	1,069	11,739	169,765	8,796	4,676	1,357	356	3,711	3,930
Illinois	1,861,070	56,936	9,075	270,747	646,076	635,989	2,787	8,272	857	19,502	210,829
Indiana	552,684	20,448	1,642	264,437	19,089	161,465	2,578	3,359	861	16,620	62,185
Iowa	340,872	62,615	1,658	28,471	33,177	170,372	2,522	10,685	762	7,922	22,688
Kansas	309,700	32,186	801	77,295	6,740	154,113	2,707	7,597	1,458	6,356	20,447
Kentucky	272,535	14,332	1,838	38,956	2,276	190,417	1,835	2,378	1,157	3,047	16,299
Louisiana	292,314	46,297	4,459	79,830	5,329	94,936	15,517	2,059	4,448	17,061	22,378
Maine	458,213	7,248	3,134	352,910	1,198	73,622	2,712	1,915	168	1,820	13,486
Maryland	9,397,849	187,227	376,459	2,781,398	50,433	4,489,887	14,773	25,123	14,947	1,367,897	89,705
Massachusetts	4,377,017	28,617	25,307	2,009,244	85,673	1,708,275	18,362	54,700	15,442	199,636	231,761
Michigan	1,193,272	30,636	21,399	479,762	21,692	480,688	6,010	22,059	6,075	18,162	106,789
Minnesota	908,454	34,224	5,784	450,665	12,613	327,333	4,333	2,862	16,303	9,325	45,012
Mississippi	433,087	86,441	5,306	192,120	3,812	34,311	4,694	2,375	901	96,066	7,061
Missouri	920,820	33,684	1,800	394,294	7,255	409,690	17,195	4,030	3,848	24,772	24,252
Montana	144,369	33,741	1,437	18,420	2,179	44,144	7,595	2,234	3,297	15,822	15,500
Nebraska	137,444	42,894	1,256	8,167	1,876	64,061	1,497	1,282	1,225	2,388	12,948
Nevada	310,012	5,464	1,294	30,860	201,649	34,798	4,289	2,226	13,969	4,319	11,144
New Hampshire	421,278	8,425	12,926	287,776	2,104	70,189	1,758	2,764	1,593	17,553	16,190
New Jersey	1,631,127	9,031	20,908	1,122,703	91,583	207,556	6,963	75,522	6,624	24,939	65,298
New Mexico	2,740,409	12,253	4,055	777,017	1,778,802	85,840	4,012	8,660	912	50,078	18,780
New York	3,474,455	62,240	27,564	757,211	639,538	1,614,835	5,462	18,155	18,589	69,896	260,965
North Carolina	1,415,244	49,827	13,570	133,347	16,797	987,721	4,401	6,033	106,512	25,148	71,888
North Dakota	79,428	34,313	782	6,628	6,531	17,400	3,437	1,325	2,012	3,217	3,783
Ohio	2,411,339	25,187	5,941	1,318,121	20,031	535,009	3,326	21,258	61,488	357,938	63,040
Oklahoma	228,477	20,689	10,098	77,249	8,591	58,105	2,135	15,725	10,052	8,457	17,376
Oregon	538,854	46,125	15,397	27,661	36,708	327,256	10,384	2,111	15,106	11,781	46,325
Pennsylvania	2,641,577	67,698	7,762	848,293	398,256	1,118,125	5,141	9,115	6,144	46,370	134,673
Rhode Island	438,713	2,086	3,768	275,184	2,508	114,755	2,998	901	10,213	3,776	22,524
South Carolina	320,547	19,948	15,661	96,092	50,099	102,333	3,220	2,567	877	5,929	23,821
South Dakota	55,360	8,155	953	5,179	258	10,994	14,077	888	141	6,228	8,487
Tennessee	1,133,060	9,887	3,276	148,166	626,629	272,246	4,979	5,925	972	36,341	24,639
Texas	4,346,897	91,320	16,549	1,093,888	42,883	921,220	11,165	12,873	7,678	2,040,779	108,542
Utah	398,086	19,913	1,514	181,866	12,291	133,419	5,484	3,773	1,664	9,969	28,193
Vermont	112,979	7,523	1,141	33,676	1,034	59,611	1,041	752	379	1,113	6,709
Virginia	4,924,297	14,634	12,884	3,663,437	98,792	253,135	107,571	41,638	8,996	607,606	115,604
Washington	1,565,062	45,043	44,911	524,374	185,375	613,265	16,097	5,285	5,276	46,994	78,442
West Virginia	371,432	31,707	2,094	87,742	82,473	53,656	6,124	2,506	4,370	43,159	57,601
Wisconsin	499,401	48,128	1,774	44,642	25,021	281,170	11,789	3,965	1,591	24,305	57,016
Wyoming	37,298	9,240	445	2,885	4,822	7,450	2,661	1,386	289	292	7,828
Outlying areas	137,017	15,962	1,289	24,935	721	70,733	2,185	0	447	1,590	19,155
Puerto Rico	92,299	11,636	916	695	721	55,940	1,448	0	198	1,590	19,155
Other areas	44,718	4,326	373	24,240	0	14,793	737	0	249	0	0
Offices abroad	30,848	4,146	0	25,583	0	0	1,119	0	0	0	0

¹ Excludes outlying areas and offices abroad.

NOTE: Only the agencies shown are required to report on this section of the survey. The obligations of the 10 major R&D supporting agencies included in this table represent

approximately 98 percent of total Federal R&D obligations in fiscal year 2001. Detail may not sum to totals due to rounding.

SOURCE: National Science Foundation, *Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003*. (This table was prepared July 2003.)

CHAPTER 5

Outcomes of Education

This chapter contains tables comparing educational attainment and workforce characteristics. The data show labor force participation and income levels of high school dropouts and high school and college graduates. Population characteristics are provided for many of the measures to help provide comparisons among various demographic groups. Tables 378 to 380 contain data from the Bureau of the Census on educational attainment and income of the labor force, and data from the Bureau of Labor Statistics on employment and unemployment. These tables provide information on the educational attainment of the labor force, by occupation, sex, and race/ethnicity; and unemployment rates, by level of education attained, sex, and race/ethnicity.

Tables 382 and 383 were compiled from Bureau of Labor Statistics data on high school completers and dropouts. These data show the labor force participation and college enrollment of high school students within the year after they leave school. The tabulations also provide comparative labor force participation and unemployment rates for high school completers and dropouts. Additional information on college enrollment rates by race/ethnicity and sex has been included to help form a more complete picture of high school outcomes. Tables 384 to 387 were prepared from the Recent College Graduates and Baccalaureate and Beyond surveys by the National Center for Education Statistics. These tables provide data on employment outcomes for college graduates. Tables 388 and 389 provide an income comparison by education level and sex for the entire population. Trends in salaries received by all college graduates also are featured in this section. The last two tables in this chapter deal with literacy skills and community service.

Statistics related to outcomes of education appear in other sections of the *Digest*. For example, statistics on educational attainment of the entire population are in chapter 1. More detailed data on the numbers of high school and college graduates are contained in chapters 2 and 3. Chapter 3 contains trend data on the proportion of high school completers going to college. Additional data on the income of persons by educational attainment may be obtained from the Bureau of the Census in the *Current Population Reports, Series P-60*. The Bureau of

Labor Statistics has a series of publications dealing with the educational characteristics of the labor force. Further information on survey methodologies is in the Guide to Sources in the appendix and in the publications cited in the source notes.

Labor Force

Adults with higher levels of education were more likely to participate in the labor force (including those who were employed and those actively seeking employment) than those with less education. About 79 percent of adults, 25 years old and over with a bachelor's or higher degree, participated in the labor force in 2002 compared with 64 percent of persons who had completed high school only (table 378). In contrast, 44 percent of those 25 and older, who were not high school completers, were in the labor force (figure 22). The labor force participation rates for Blacks and Hispanics age 25 and older with high school diplomas were higher than the rates for Whites with similar levels of education (table 378). The labor force participation rate for Blacks and Hispanics age 25 and over with a bachelor's or higher degree was also higher than the rates for Whites.

Persons with lower levels of educational attainment were more likely to be unemployed than those who had higher levels of educational attainment. The 2002 unemployment rate for adults (25 years old and over) who had not completed high school was 8.4 percent compared with 5.3 percent for those with 4 years of high school and 2.9 percent for those with a bachelor's degree or higher. Younger people with high school diplomas tended to have higher unemployment rates than persons 25 years old and over with similar levels of education (table 380 and figure 23).

The relative difficulties in entering the job market for dropouts are highlighted by comparing their labor force and unemployment rates to other youth. About 68 percent of 2001–02 dropouts were in the labor force (employed or looking for work) and 30 percent of those in the labor force were unemployed (table 383). Of the 2002 high school completers who were not in college, 80 percent were in the labor force, and 17 percent of those in the labor force were unemployed (table 382).

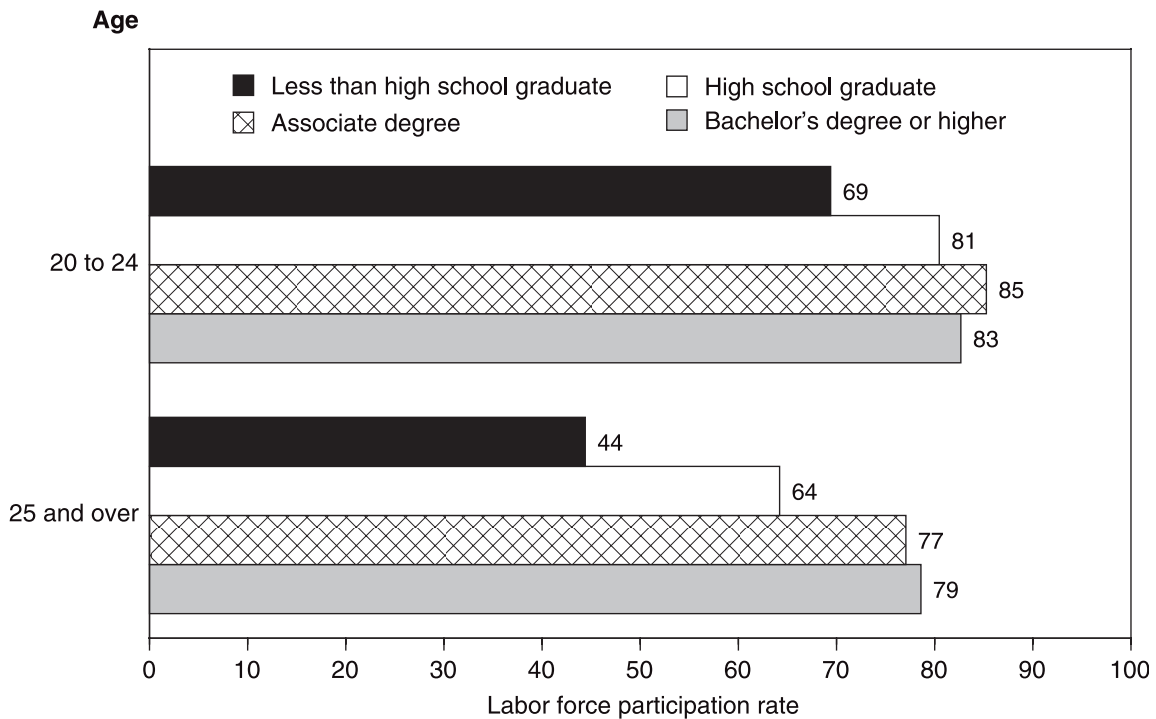
One year after graduating from college in 1999–2000, 87.4 percent of individuals receiving bachelor’s degrees were employed (76.5 percent full time and 10.9 percent part time), 6.2 percent were unemployed, and 6.4 percent were not in the labor force (table 385).

Income

Between 1994 and 2001, the median annual income of male full-time year-round workers, when ad-

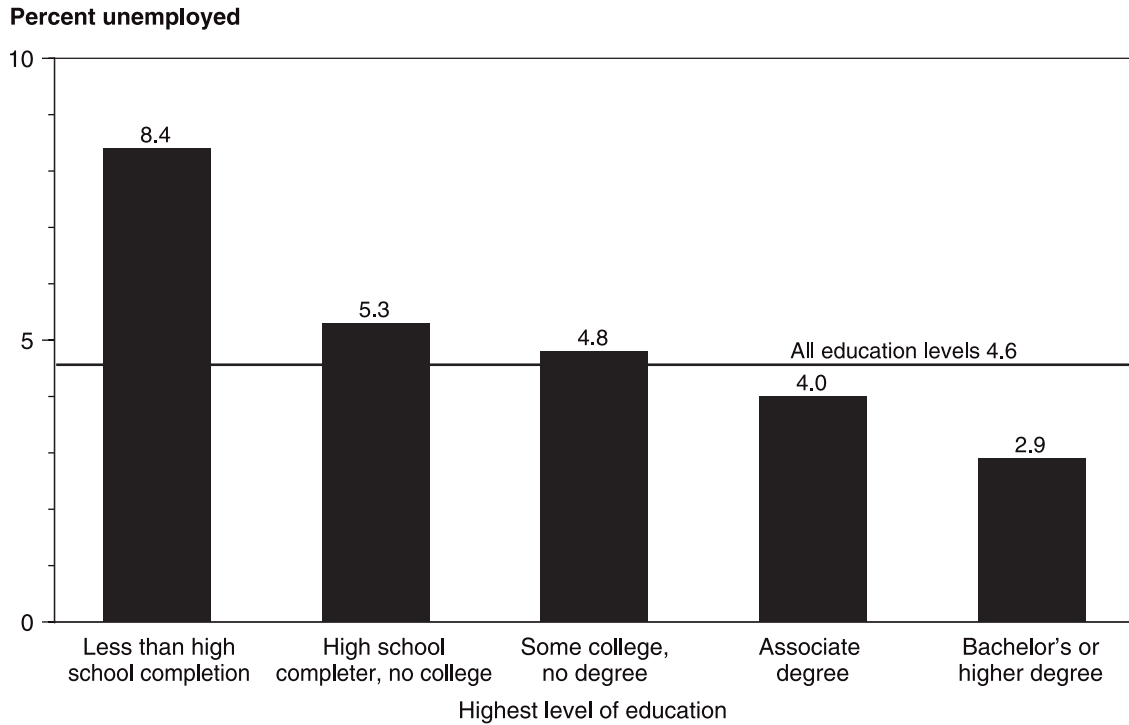
justed for inflation, increased by 4 percent and the income for females rose by 8 percent. Women’s incomes remained lower than men’s incomes, even after adjusting for level of education. The average 2001 incomes for full-time year-round workers with a bachelor’s degree were \$55,929 for men and \$40,994 for women (table 388 and figure 3).

Figure 22. Labor force participation rate of persons 20 years old and over, by age and highest level of education: 2002



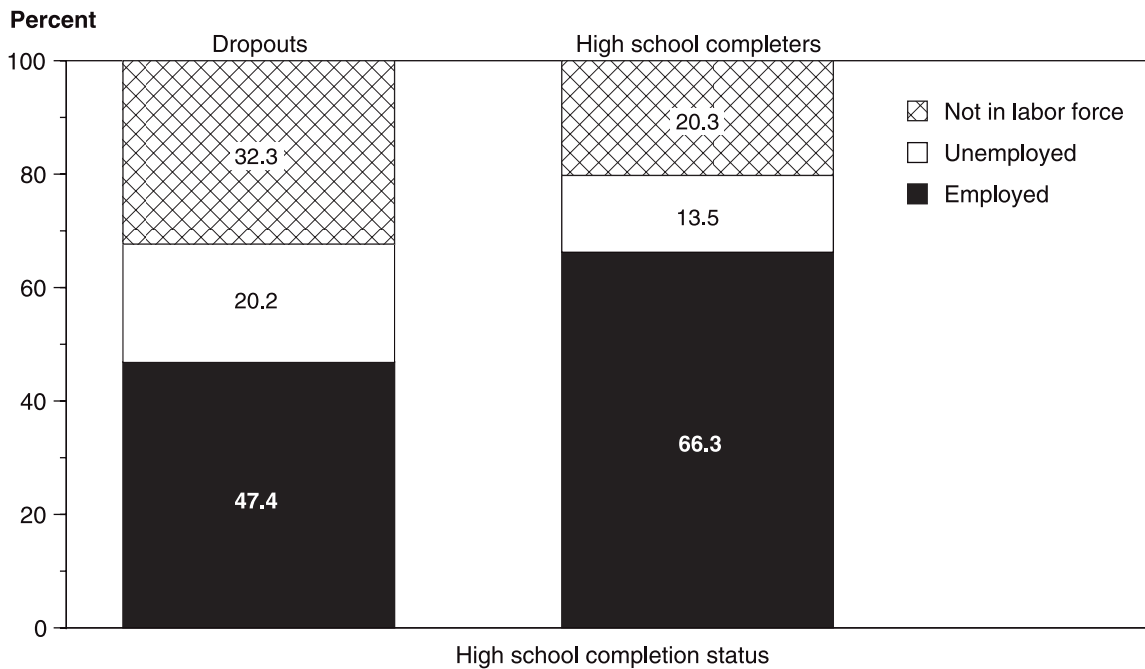
SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, Current Population Survey, 2002.

Figure 23. Unemployment rates of persons 25 years old and over, by highest level of education: 2002



SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, Current Population Survey, 2002.

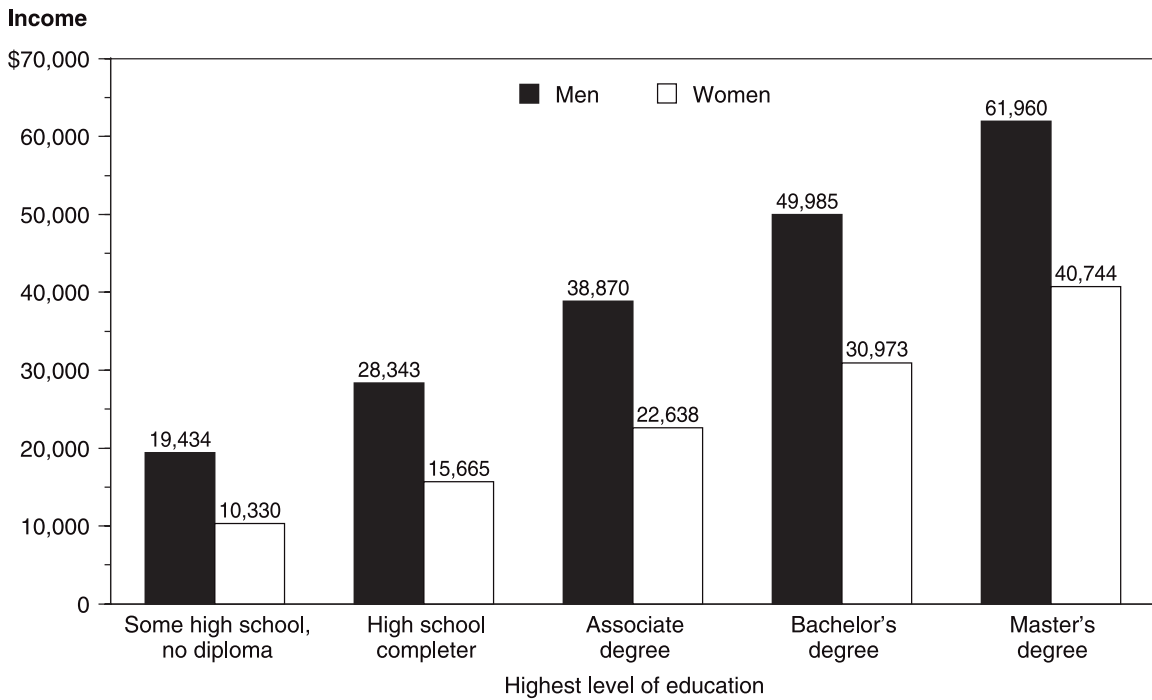
Figure 24. Labor force status 2001–02 high school dropouts and graduates not enrolled in college: October 2002



NOTE: Dropouts are persons who have not completed high school, and are not enrolled in school. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, "Employment Status of School Age Youth, High School Graduates and Dropouts, 2002."

Figure 25. Median annual income of persons 25 years old and over, by highest level of education and sex: 2001

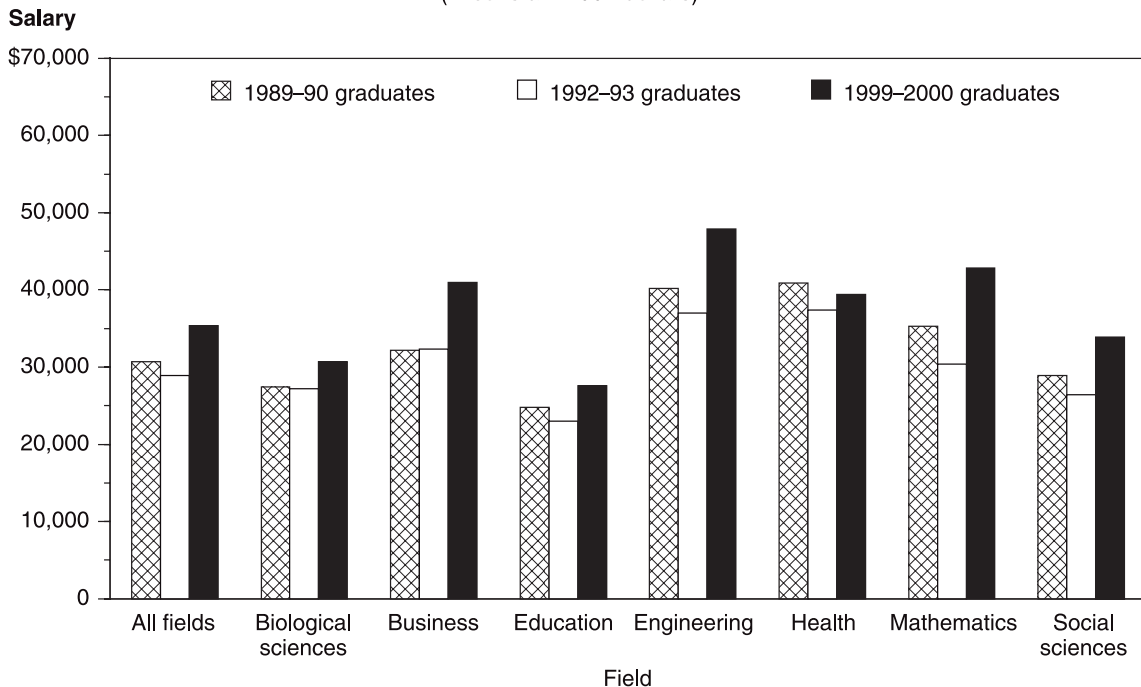


NOTE: Excludes persons without income.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-60, "Money Income in the United States: 2001."

Figure 26. Salaries of recent bachelor's degree recipients one year after graduation, by field: 1991, 1994, and 2001

(in constant 2001 dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, "Recent College Graduates" survey, 1991, and "Baccalaureate and Beyond Longitudinal Study, First Follow-up" 1994 and 2001 surveys.

Table 378. Labor force participation of persons 16 years old and over, by highest level of education, age, sex, and race/ethnicity: 2002

Age, sex, and race/ethnicity	Labor force participation rate ¹						Employment/population ratio ²					
	Total	Less than high school completion ³	High school completor	College			Total	Less than high school completion ³	High school completor	College		
				Some college, no degree	Associate degree	Bachelor's degree or higher				Some college, no degree	Associate degree	Bachelor's degree or higher
1	2	3	4	5	6	7	8	9	10	11	12	13
16 to 19 years old ⁴	47.4 (0.4)	39.6 (0.5)	67.0 (0.8)	57.7 (1.0)	— (—)	— (—)	39.6 (0.4)	32.0 (0.4)	56.4 (0.9)	52.4 (1.0)	— (—)	— (—)
Men	47.5 (0.5)	40.0 (0.6)	70.3 (1.1)	55.0 (1.5)	— (—)	— (—)	38.9 (0.5)	31.7 (0.6)	58.7 (1.2)	49.6 (1.5)	— (—)	— (—)
Women	47.3 (0.5)	39.0 (0.7)	63.9 (1.2)	59.9 (1.3)	— (—)	— (—)	40.3 (0.5)	32.4 (0.6)	54.0 (1.2)	54.6 (1.4)	— (—)	— (—)
White, non-Hispanic	52.0 (0.5)	44.3 (0.6)	70.1 (1.0)	61.3 (1.2)	— (—)	— (—)	45.0 (0.5)	37.5 (0.6)	60.8 (1.0)	56.4 (1.2)	— (—)	— (—)
Black, non-Hispanic	35.8 (1.0)	28.4 (1.1)	56.3 (2.3)	45.0 (3.4)	— (—)	— (—)	25.0 (0.9)	18.5 (1.0)	40.5 (2.3)	37.9 (3.3)	— (—)	— (—)
Hispanic	44.0 (1.0)	36.4 (1.2)	67.6 (2.3)	58.3 (3.4)	— (—)	— (—)	35.2 (1.0)	28.0 (1.1)	55.8 (2.5)	51.5 (3.5)	— (—)	— (—)
20 to 24 years old ⁴	76.4 (0.3)	69.4 (0.7)	80.5 (0.4)	72.3 (0.5)	85.3 (0.9)	82.7 (0.7)	69.0 (0.3)	57.7 (0.8)	71.5 (0.5)	67.0 (0.5)	79.2 (1.0)	77.9 (0.8)
Men	80.7 (0.5)	81.6 (1.1)	86.9 (0.7)	72.3 (0.9)	89.0 (1.5)	83.8 (1.4)	72.5 (0.5)	69.3 (1.3)	77.0 (0.8)	66.7 (0.9)	82.2 (1.8)	78.0 (1.6)
Women	72.1 (0.5)	54.0 (1.5)	73.4 (0.9)	72.2 (0.8)	82.0 (1.7)	82.0 (1.2)	65.6 (0.5)	42.8 (1.5)	65.4 (1.0)	67.3 (0.9)	76.6 (1.9)	77.9 (1.3)
White, non-Hispanic	79.1 (0.3)	70.6 (1.2)	83.3 (0.5)	74.2 (0.5)	87.5 (1.0)	85.9 (0.7)	73.1 (0.3)	59.0 (1.3)	75.6 (0.6)	69.8 (0.6)	82.7 (1.1)	81.4 (0.8)
Black, non-Hispanic	68.6 (1.1)	56.6 (2.8)	73.1 (1.7)	66.5 (1.9)	85.7 (3.8)	74.7 (4.1)	55.4 (1.2)	36.6 (2.7)	58.0 (1.9)	57.0 (2.0)	73.8 (4.8)	70.7 (4.3)
Hispanic	76.3 (0.8)	73.6 (1.5)	79.9 (1.4)	74.5 (1.8)	78.1 (4.3)	79.8 (3.9)	68.8 (0.9)	64.7 (1.6)	72.3 (1.5)	68.6 (1.9)	72.8 (4.6)	73.4 (4.3)
25 and older	67.2 (0.1)	44.4 (0.3)	64.2 (0.2)	71.2 (0.2)	77.1 (0.3)	78.6 (0.2)	64.1 (0.1)	40.6 (0.2)	60.8 (0.2)	67.7 (0.2)	74.1 (0.3)	76.3 (0.2)
Men	75.9 (0.2)	57.2 (0.5)	74.5 (0.3)	78.3 (0.4)	84.3 (0.5)	84.0 (0.3)	72.3 (0.2)	52.7 (0.5)	70.5 (0.3)	74.6 (0.4)	80.7 (0.6)	81.4 (0.3)
Women	59.4 (0.2)	32.5 (0.4)	55.3 (0.3)	64.9 (0.4)	71.7 (0.5)	73.0 (0.3)	56.6 (0.2)	29.4 (0.4)	52.4 (0.3)	61.7 (0.4)	69.1 (0.5)	71.0 (0.3)
White, non-Hispanic	66.4 (0.1)	36.1 (0.3)	62.1 (0.2)	69.1 (0.3)	76.8 (0.3)	78.0 (0.2)	63.9 (0.1)	33.3 (0.3)	59.4 (0.2)	66.2 (0.3)	74.1 (0.3)	75.9 (0.2)
Black, non-Hispanic	67.6 (0.4)	39.9 (0.9)	68.2 (0.7)	77.3 (0.8)	79.0 (1.2)	82.8 (0.8)	62.3 (0.4)	34.5 (0.9)	62.2 (0.7)	71.9 (0.9)	74.2 (1.3)	79.3 (0.8)
Hispanic	71.0 (0.4)	61.3 (0.6)	74.1 (0.7)	80.6 (0.9)	80.8 (1.4)	83.2 (0.9)	66.6 (0.4)	56.6 (0.6)	69.7 (0.7)	76.1 (1.0)	76.8 (1.5)	80.4 (1.0)

—Not available.

¹ Percent of the civilian population who are employed or seeking employment.

² Number of persons employed as a percent of civilian population.

³ Includes persons reporting no school years completed.

⁴ Excludes persons enrolled in school.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, previously unpublished tabulations from the Current Population Survey. (This table was prepared May 2003.)

Table 379. Occupation of employed persons 25 to 64 years old, by educational attainment and sex: 2002

Occupation and sex	Total employed, in thousands	Percentage distribution, by highest level of educational attainment								
		Total	Less than one year of high school	High school		College				
				1-4 years of high school, no diploma	High school completion	Some college, no degree	Associate degree	Bachelor's degree	More than a bachelor's degree	
1	2	3	4	5	6	7	8	9	10	
All persons										
All occupational groups	112,497 (194)	100.0	3.4 (0.2)	6.1 (0.2)	30.5 (0.5)	18.0 (0.4)	9.7 (0.3)	21.3 (0.4)	10.9 (0.3)	
Managerial and professional specialty	38,749 (152)	100.0	0.3 (0.1)	1.3 (0.2)	12.2 (0.6)	12.7 (0.6)	9.3 (0.5)	37.2 (0.8)	27.0 (0.8)	
Executive, administrative, and managerial	18,967 (112)	100.0	0.5 (0.2)	2.1 (0.3)	19.0 (1.0)	18.1 (0.9)	9.3 (0.7)	35.2 (1.2)	15.8 (0.9)	
Professional specialty occupations	19,782 (115)	100.0	0.1 (0.1)	0.5 (0.2)	5.7 (0.6)	7.6 (0.6)	9.2 (0.7)	39.0 (1.2)	37.8 (1.2)	
Teachers, except college and university	5,032 (60)	100.0	0.1 (0.1)	0.5 (0.3)	5.6 (1.1)	6.6 (1.2)	4.1 (0.9)	46.7 (2.4)	36.4 (2.3)	
Teachers, college and university	860 (25)	100.0	# (#)	0.1 (0.4)	0.8 (1.0)	1.3 (1.3)	1.9 (1.5)	14.8 (4.0)	81.2 (4.5)	
Technical, sales, and administrative support	30,682 (138)	100.0	0.9 (0.2)	3.5 (0.3)	33.1 (0.9)	24.8 (0.8)	12.3 (0.6)	21.2 (0.8)	4.2 (0.4)	
Technicians and related support	3,915 (53)	100.0	0.3 (0.3)	1.0 (0.5)	18.5 (2.1)	22.5 (2.2)	24.0 (2.3)	26.8 (2.4)	6.9 (1.4)	
Sales occupations	12,069 (91)	100.0	1.5 (0.4)	4.6 (0.6)	30.4 (1.4)	22.0 (1.3)	8.4 (0.8)	27.6 (1.4)	5.5 (0.7)	
Administrative support, including clerical	14,697 (100)	100.0	0.6 (0.2)	3.2 (0.5)	39.1 (1.3)	27.6 (1.2)	12.5 (0.9)	14.5 (1.0)	2.4 (0.4)	
Service occupations	13,611 (97)	100.0	7.8 (0.8)	11.9 (0.9)	41.3 (1.4)	19.8 (1.1)	8.9 (0.8)	8.8 (0.8)	1.5 (0.3)	
Precision production, craft, and repair	12,733 (94)	100.0	5.9 (0.7)	11.0 (0.9)	45.4 (1.5)	19.2 (1.2)	10.6 (0.9)	6.7 (0.7)	1.1 (0.3)	
Operators, fabricators, and laborers	14,196 (98)	100.0	8.5 (0.8)	14.3 (1.0)	50.2 (1.4)	15.7 (1.0)	5.8 (0.7)	4.8 (0.6)	0.8 (0.2)	
Farming, forestry, and fishing	2,526 (43)	100.0	18.3 (2.6)	11.5 (2.1)	37.4 (3.2)	13.8 (2.3)	6.3 (1.6)	10.7 (2.1)	1.9 (0.9)	
Men										
All occupational groups	60,301 (177)	100.0	4.2 (0.3)	7.0 (0.3)	30.6 (0.6)	17.3 (0.5)	8.5 (0.4)	21.0 (0.6)	11.4 (0.4)	
Managerial and professional specialty	19,183 (113)	100.0	0.4 (0.1)	1.4 (0.3)	11.3 (0.8)	12.5 (0.8)	7.1 (0.6)	37.2 (1.2)	30.1 (1.1)	
Executive, administrative, and managerial	10,243 (84)	100.0	0.6 (0.3)	2.3 (0.5)	16.6 (1.2)	16.4 (1.2)	7.8 (0.9)	37.9 (1.6)	18.2 (1.3)	
Professional specialty occupations	8,940 (79)	100.0	0.1 (0.1)	0.4 (0.2)	5.1 (0.8)	8.0 (1.0)	6.3 (0.9)	36.4 (1.7)	43.6 (1.8)	
Teachers, except college and university	1,250 (30)	100.0	# (#)	0.4 (0.6)	3.9 (1.8)	7.4 (2.5)	3.8 (1.8)	45.0 (4.7)	39.5 (4.6)	
Teachers, college and university	488 (19)	100.0	# (#)	0.2 (0.7)	0.8 (1.4)	0.8 (1.4)	1.8 (2.0)	12.1 (4.9)	84.2 (5.5)	
Technical, sales, and administrative support	11,349 (89)	100.0	1.2 (0.3)	3.0 (0.5)	25.1 (1.4)	23.2 (1.3)	10.6 (1.0)	30.0 (1.4)	6.8 (0.8)	
Technicians and related support	1,790 (36)	100.0	0.4 (0.5)	1.0 (0.8)	15.9 (2.9)	21.3 (3.2)	19.4 (3.1)	31.7 (3.7)	10.2 (2.4)	
Sales occupations	6,553 (68)	100.0	1.3 (0.5)	3.3 (0.7)	24.5 (1.8)	21.9 (1.7)	8.2 (1.1)	33.6 (2.0)	7.1 (1.1)	
Administrative support, including clerical	3,006 (47)	100.0	1.4 (0.7)	3.6 (1.1)	32.1 (2.8)	27.2 (2.7)	10.6 (1.9)	21.0 (2.5)	4.1 (1.2)	
Service occupations	5,288 (61)	100.0	8.1 (1.3)	10.2 (1.4)	36.9 (2.2)	21.5 (1.9)	9.8 (1.4)	11.7 (1.5)	1.8 (0.6)	
Precision production, craft, and repair	11,681 (90)	100.0	5.8 (0.7)	11.1 (1.0)	45.6 (1.5)	19.3 (1.2)	10.7 (1.0)	6.4 (0.8)	1.1 (0.3)	
Operators, fabricators, and laborers	10,807 (87)	100.0	7.8 (0.9)	14.0 (1.1)	50.1 (1.6)	16.3 (1.2)	6.0 (0.8)	5.0 (0.7)	0.8 (0.3)	
Farming, forestry, and fishing	1,994 (38)	100.0	19.2 (2.9)	12.7 (2.5)	37.5 (3.6)	13.3 (2.5)	5.5 (1.7)	10.2 (2.3)	— (—)	
Women										
All occupational groups	52,196 (169)	100.0	2.5 (0.2)	5.1 (0.3)	30.4 (0.7)	18.8 (0.6)	11.2 (0.5)	21.6 (0.6)	10.3 (0.4)	
Managerial and professional specialty	19,567 (114)	100.0	0.2 (0.1)	1.2 (0.3)	13.1 (0.8)	13.0 (0.8)	11.4 (0.8)	37.2 (1.2)	24.0 (1.0)	
Executive, administrative, and managerial	8,724 (78)	100.0	0.3 (0.2)	1.8 (0.5)	21.7 (1.5)	20.0 (1.4)	11.1 (1.1)	32.2 (1.7)	13.0 (1.2)	
Professional specialty occupations	10,842 (87)	100.0	0.1 (0.1)	0.7 (0.3)	6.1 (0.8)	7.3 (0.8)	11.7 (1.0)	41.2 (1.6)	33.0 (1.5)	
Teachers, except college and university	3,762 (52)	100.0	0.1 (0.2)	0.6 (0.4)	6.1 (1.3)	6.3 (1.3)	4.3 (1.1)	47.3 (2.7)	35.4 (2.6)	
Teachers, college and university	372 (17)	100.0	# (#)	# (#)	0.8 (1.6)	1.9 (2.4)	1.9 (2.4)	18.3 (6.7)	77.2 (7.3)	
Technical, sales, and administrative support	19,333 (113)	100.0	0.7 (0.2)	3.7 (0.5)	37.7 (1.2)	25.7 (1.1)	13.3 (0.8)	16.1 (0.9)	2.7 (0.4)	
Technicians and related support	2,125 (39)	100.0	0.2 (0.3)	1.0 (0.7)	20.7 (2.9)	23.5 (3.1)	27.8 (3.3)	22.6 (3.0)	4.1 (1.4)	
Sales occupations	5,517 (63)	100.0	1.6 (0.6)	6.1 (1.1)	37.5 (2.2)	22.1 (1.9)	8.6 (1.3)	20.4 (1.8)	3.6 (0.8)	
Administrative support, including clerical	11,691 (90)	100.0	0.4 (0.2)	3.1 (0.5)	40.9 (1.5)	27.7 (1.4)	12.9 (1.0)	12.9 (1.0)	2.0 (0.4)	
Service occupations	8,322 (77)	100.0	7.5 (1.0)	13.0 (1.2)	44.2 (1.8)	18.7 (1.4)	8.4 (1.0)	6.9 (0.9)	1.3 (0.4)	
Precision production, craft, and repair	1,052 (28)	100.0	6.9 (2.6)	9.9 (3.1)	43.7 (5.1)	18.6 (4.0)	9.1 (3.0)	10.2 (3.1)	1.6 (1.3)	
Operators, fabricators, and laborers	3,389 (49)	100.0	10.6 (1.8)	15.1 (2.1)	50.3 (2.9)	13.9 (2.0)	5.1 (1.3)	4.2 (1.1)	0.8 (0.5)	
Farming, forestry, and fishing	532 (20)	100.0	15.0 (5.2)	— (—)	37.0 (7.0)	15.6 (5.3)	— (—)	12.8 (4.8)	— (—)	

—Not available.

Rounds to zero.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, previously unpublished tabulations from the Current Population Survey. (This table was prepared May 2003.)

Table 380. Unemployment rate of persons 16 years old and over, by age, sex, race/ethnicity, and educational attainment: 2000, 2001, and 2002

Sex, race/ethnicity, and educational attainment	Percent unemployed, 2000 ¹				Percent unemployed, 2001 ¹				Percent unemployed, 2002 ¹			
	16- to 24-year-olds ²			25 years old and over	16- to 24-year-olds ²			25 years old and over	16- to 24-year-olds ²			25 years old and over
	Total	16 to 19 years	20 to 24 years		Total	16 to 19 years	20 to 24 years		Total	16 to 19 years	20 to 24 years	
1	2	3	4	5	6	7	8	9	10	11	12	13
All persons												
All education levels	9.3 (0.1)	13.1 (0.3)	7.2 (0.2)	3.0 (#)	10.6 (0.1)	14.7 (0.3)	8.3 (0.2)	3.7 (#)	12.0 (0.2)	16.5 (0.3)	9.7 (0.2)	4.6 (#)
Less than high school completion ..	15.1 (0.3)	15.6 (0.4)	13.8 (0.6)	6.3 (0.2)	16.7 (0.3)	17.3 (0.4)	15.3 (0.6)	7.2 (0.2)	18.4 (0.4)	19.0 (0.4)	17.0 (0.6)	8.4 (0.2)
High school completion, no college	9.4 (0.3)	11.6 (0.5)	8.4 (0.3)	3.4 (0.1)	10.7 (0.3)	13.3 (0.5)	9.5 (0.3)	4.2 (0.1)	12.6 (0.3)	15.9 (0.6)	11.1 (0.3)	5.3 (0.1)
Some college, no degree	5.5 (0.2)	6.7 (0.5)	5.1 (0.2)	2.9 (0.1)	6.4 (0.2)	8.1 (0.6)	6.0 (0.2)	3.5 (0.1)	7.7 (0.2)	9.2 (0.6)	7.3 (0.3)	4.8 (0.1)
Associate degree	3.3 (0.4)	— (—)	3.3 (0.4)	2.3 (0.1)	4.5 (0.5)	— (—)	4.4 (0.5)	2.9 (0.1)	7.2 (0.6)	— (—)	7.1 (0.6)	4.0 (0.1)
Bachelor's degree or higher	4.3 (0.3)	— (—)	4.3 (0.3)	1.7 (#)	5.7 (0.4)	— (—)	5.7 (0.4)	2.3 (0.1)	5.8 (0.4)	— (—)	5.8 (0.4)	2.9 (0.1)
Men												
All education levels	9.7 (0.2)	14.0 (0.4)	7.3 (0.2)	2.8 (#)	11.4 (0.2)	16.0 (0.4)	9.0 (0.2)	3.6 (0.1)	12.8 (0.2)	18.1 (0.5)	10.2 (0.2)	4.7 (0.1)
Less than high school completion ..	14.9 (0.4)	16.5 (0.5)	11.7 (0.6)	5.4 (0.2)	17.1 (0.4)	18.7 (0.6)	14.2 (0.7)	6.4 (0.2)	18.7 (0.5)	20.8 (0.6)	15.1 (0.7)	7.8 (0.2)
High school completion, no college	9.2 (0.3)	11.6 (0.7)	8.2 (0.4)	3.4 (0.1)	10.8 (0.4)	13.1 (0.8)	9.9 (0.4)	4.3 (0.1)	12.7 (0.4)	16.4 (0.8)	11.3 (0.4)	5.4 (0.1)
Some college, no degree	5.7 (0.3)	7.3 (0.8)	5.3 (0.3)	2.7 (0.1)	7.0 (0.3)	9.2 (0.9)	6.5 (0.4)	3.4 (0.1)	8.1 (0.4)	9.8 (0.9)	7.8 (0.4)	4.7 (0.1)
Associate degree	3.3 (0.6)	— (—)	3.1 (0.6)	2.3 (0.2)	5.4 (0.8)	— (—)	5.3 (0.8)	3.1 (0.2)	8.0 (0.9)	— (—)	7.6 (0.9)	4.3 (0.2)
Bachelor's degree or higher	4.4 (0.6)	— (—)	4.5 (0.6)	1.5 (0.1)	6.7 (0.7)	— (—)	6.7 (0.7)	2.2 (0.1)	6.9 (0.7)	— (—)	7.0 (0.7)	3.0 (0.1)
Women												
All education levels	8.9 (0.2)	12.1 (0.4)	7.1 (0.2)	3.2 (0.1)	9.6 (0.2)	13.4 (0.4)	7.5 (0.2)	3.7 (0.1)	11.1 (0.2)	14.9 (0.4)	9.1 (0.3)	4.6 (0.1)
Less than high school completion ..	15.3 (0.5)	14.5 (0.5)	18.4 (1.1)	7.8 (0.3)	16.0 (0.5)	15.5 (0.6)	17.6 (1.1)	8.6 (0.3)	17.9 (0.5)	17.0 (0.6)	20.7 (1.1)	9.5 (0.3)
High school completion, no college	9.5 (0.4)	11.5 (0.7)	8.5 (0.4)	3.5 (0.1)	10.5 (0.4)	13.4 (0.8)	9.1 (0.5)	4.0 (0.1)	12.3 (0.4)	15.4 (0.8)	10.9 (0.5)	5.1 (0.1)
Some college, no degree	5.3 (0.3)	6.3 (0.6)	4.9 (0.3)	3.0 (0.1)	5.9 (0.3)	7.3 (0.7)	5.5 (0.3)	3.6 (0.1)	7.3 (0.3)	8.8 (0.8)	6.8 (0.4)	5.0 (0.2)
Associate degree	3.3 (0.6)	— (—)	3.4 (0.6)	2.4 (0.1)	3.9 (0.6)	— (—)	3.9 (0.6)	2.7 (0.2)	6.7 (0.8)	— (—)	6.6 (0.8)	3.7 (0.2)
Bachelor's degree or higher	4.2 (0.4)	— (—)	4.2 (0.4)	1.8 (0.1)	5.0 (0.5)	— (—)	5.0 (0.5)	2.3 (0.1)	5.1 (0.5)	— (—)	5.0 (0.5)	2.8 (0.1)
White, non-Hispanic												
All education levels	7.4 (0.2)	10.4 (0.3)	5.5 (0.2)	2.4 (#)	8.6 (0.2)	11.7 (0.3)	6.7 (0.2)	3.0 (#)	9.8 (0.2)	13.5 (0.3)	7.7 (0.2)	3.9 (#)
Less than high school completion ..	12.7 (0.4)	12.6 (0.4)	13.2 (0.9)	5.2 (0.2)	13.9 (0.4)	13.8 (0.4)	14.3 (0.9)	5.8 (0.2)	15.6 (0.4)	15.4 (0.5)	16.4 (1.0)	7.5 (0.3)
High school completion, no college	7.2 (0.3)	9.0 (0.5)	6.3 (0.3)	2.8 (0.1)	9.0 (0.3)	10.4 (0.6)	8.3 (0.4)	3.5 (0.1)	10.5 (0.3)	13.2 (0.7)	9.2 (0.4)	4.5 (0.1)
Some college, no degree	4.5 (0.2)	5.3 (0.5)	4.2 (0.2)	2.5 (0.1)	5.2 (0.2)	6.7 (0.6)	4.8 (0.3)	3.1 (0.1)	6.3 (0.3)	8.0 (0.6)	5.8 (0.3)	4.2 (0.1)
Associate degree	3.1 (0.5)	— (—)	3.0 (0.5)	2.0 (0.1)	4.4 (0.6)	— (—)	4.3 (0.6)	2.4 (0.1)	6.0 (0.6)	— (—)	5.6 (0.6)	3.5 (0.1)
Bachelor's degree or higher	3.9 (0.4)	— (—)	4.0 (0.4)	1.5 (0.1)	5.4 (0.4)	— (—)	5.4 (0.4)	2.0 (0.1)	5.3 (0.4)	— (—)	5.2 (0.4)	2.7 (0.1)
Black, non-Hispanic												
All education levels	18.5 (0.5)	24.9 (1.0)	15.3 (0.6)	5.4 (0.1)	20.7 (0.6)	29.8 (1.1)	16.4 (0.6)	6.2 (0.2)	22.7 (0.6)	30.1 (1.2)	19.3 (0.7)	7.7 (0.2)
Less than high school completion ..	29.7 (1.2)	28.5 (1.4)	32.2 (2.1)	10.5 (0.6)	33.0 (1.2)	33.7 (1.5)	31.8 (2.0)	11.9 (0.6)	35.0 (1.3)	34.9 (1.6)	35.2 (2.2)	13.6 (0.6)
High school completion, no college	18.6 (0.9)	23.9 (1.9)	16.7 (1.0)	6.5 (0.3)	19.5 (0.9)	27.1 (2.1)	17.0 (1.0)	7.5 (0.3)	22.6 (1.0)	28.0 (2.0)	20.7 (1.1)	8.8 (0.3)
Some college, no degree	10.0 (0.8)	12.1 (2.2)	9.6 (0.9)	4.2 (0.3)	12.2 (0.9)	16.4 (2.6)	11.4 (0.9)	5.0 (0.3)	14.6 (1.0)	15.7 (2.6)	14.4 (1.0)	6.9 (0.3)
Associate degree	6.7 (1.9)	— (—)	6.8 (2.0)	3.5 (0.4)	8.3 (2.1)	— (—)	8.4 (2.1)	4.8 (0.4)	13.3 (2.4)	— (—)	13.6 (2.5)	6.0 (0.5)
Bachelor's degree or higher	5.9 (1.5)	— (—)	6.1 (1.5)	2.5 (0.2)	7.5 (1.7)	— (—)	7.6 (1.7)	2.6 (0.2)	4.9 (1.4)	— (—)	5.0 (1.5)	4.2 (0.3)
Hispanic origin³												
All education levels	10.3 (0.4)	16.6 (0.8)	7.5 (0.4)	4.4 (0.1)	11.1 (0.4)	17.7 (0.8)	8.1 (0.4)	5.3 (0.1)	12.9 (0.4)	20.0 (0.9)	9.9 (0.4)	6.1 (0.1)
Less than high school completion ..	14.1 (0.6)	19.9 (1.1)	9.5 (0.7)	6.2 (0.3)	14.8 (0.6)	20.0 (1.1)	10.8 (0.7)	7.4 (0.3)	16.7 (0.7)	22.9 (1.2)	12.2 (0.8)	7.7 (0.3)
High school completion, no college	8.9 (0.6)	12.5 (1.4)	7.8 (0.7)	3.9 (0.2)	9.4 (0.6)	16.4 (1.6)	7.2 (0.6)	4.5 (0.2)	11.4 (0.7)	17.3 (1.6)	9.5 (0.7)	5.9 (0.3)
Some college, no degree	6.3 (0.7)	10.5 (1.8)	5.1 (0.7)	3.3 (0.3)	7.4 (0.7)	9.3 (1.7)	6.8 (0.8)	3.8 (0.3)	8.6 (0.8)	11.9 (2.0)	7.9 (0.8)	5.7 (0.4)
Associate degree	2.1 (1.1)	— (—)	2.2 (1.1)	2.8 (0.4)	1.6 (0.8)	— (—)	1.7 (0.8)	3.8 (0.5)	7.5 (1.9)	— (—)	6.9 (1.8)	5.0 (0.5)
Bachelor's degree or higher	3.9 (1.4)	— (—)	4.0 (1.4)	2.2 (0.3)	5.3 (1.5)	— (—)	5.3 (1.5)	3.6 (0.3)	8.4 (1.9)	— (—)	8.5 (1.9)	3.4 (0.3)

—Not available.

Rounds to zero.

¹ The unemployment rate is the percent of individuals in the labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks. The labor force includes both employed and unemployed persons.² Excludes persons enrolled in school.³ Persons of Hispanic origin may be of any race.

NOTE: Some data have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, previously unpublished tabulations of annual averages from the Current Population Survey. (This table was prepared May 2003.)

Table 381. Employment of 12th-graders, by selected student and school characteristics: 1992

Employment characteristic	Sex		Race/ethnicity					Socioeconomic status ¹				Location of school attended		
	Total		White	Black	Hispanic	Asian	American Indian	Low	Middle low	Middle high	High	Urban	Suburban	Rural
	Male	Female	5	6	7	8	9	10	11	12	13	14	15	16
1	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Percentage distribution														
Average hours worked per week during senior year														
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Did not work during year	31.8	30.7	27.6	47.4	38.9	43.3	45.0	38.2	29.8	28.2	32.5	35.6	29.4	31.6
1 to 5 hours	6.8	6.0	7.0	4.9	6.0	9.5	8.5	5.2	5.5	5.8	10.1	6.7	6.6	7.2
6 to 10 hours	9.8	8.9	11.2	6.5	5.3	6.7	5.6	6.7	8.3	10.6	12.6	9.4	9.6	10.6
11 to 15 hours	12.7	11.1	14.4	7.2	11.3	9.3	12.5	9.5	11.9	13.7	15.0	12.2	13.6	12.1
16 to 20 hours	16.1	15.0	17.3	11.9	13.3	13.5	12.5	13.4	18.6	18.4	14.0	14.3	18.3	14.9
More than 20 hours	22.7	26.0	22.8	22.1	25.2	17.7	22.3	27.1	25.9	23.3	15.8	21.7	22.5	23.7
21 to 25 hours	9.8	10.2	9.5	10.0	8.8	10.7	8.1	12.0	10.2	10.8	8.0	9.5	10.6	9.1
26 to 30 hours	5.6	6.5	4.8	6.4	6.6	4.4	3.8	6.8	6.4	5.9	3.4	5.3	5.7	5.8
31 to 35 hours	2.5	3.1	2.6	2.4	2.4	0.8	5.0	3.6	3.2	2.4	1.3	2.3	2.5	2.7
36 to 40 hours	3.3	4.2	3.3	2.9	4.1	3.7	0.9	4.3	4.2	2.7	2.1	3.3	2.4	4.3
More than 40 hours	1.5	2.0	1.5	1.7	1.4	0.8	0.7	2.2	1.4	1.6	1.0	1.3	1.4	1.8
Most recent type of work for employed students														
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lawn work or odd jobs	2.2	4.2	0.3	0.8	0.9	1.7	5.3	2.3	2.0	2.1	2.5	1.3	2.2	2.9
Food service	24.0	22.2	22.8	34.8	24.8	22.9	24.6	28.0	26.6	25.1	18.6	23.6	23.1	25.4
Delivery person	1.6	2.5	0.6	1.9	1.1	3.2	1.3	0.8	1.7	1.3	2.1	1.5	1.7	1.5
Babysitter or child care	4.3	0.6	7.9	4.8	2.2	5.0	1.1	3.2	3.9	4.5	5.4	4.9	4.4	3.9
Camp counselor/life guard	0.7	0.8	0.7	0.9	0.5	0.6	(?)	0.2	0.3	0.9	1.3	0.8	0.9	0.5
Farm worker	2.2	4.4	0.1	2.7	(?)	(?)	(?)	3.7	3.3	1.6	1.1	0.2	1.1	5.5
Mechanic	1.4	2.8	(?)	1.5	0.7	1.5	1.4	2.0	1.8	1.5	0.6	1.0	1.3	1.9
Grocery clerk or cashier	14.5	12.5	14.8	15.9	11.6	8.5	25.7	15.5	16.6	14.5	12.3	14.2	13.4	16.4
Beautician	0.2	0.1	0.3	1.1	0.3	(?)	(?)	0.6	0.2	0.2	0.1	0.2	0.2	0.3
House cleaning	0.9	0.7	1.1	0.8	2.0	0.6	(?)	1.5	0.6	1.2	0.6	0.7	0.6	1.4
Construction	2.0	4.0	0.1	2.1	1.0	1.9	2.0	2.6	2.3	1.9	1.4	1.4	1.8	2.7
Office or clerical	6.9	2.9	10.7	6.3	8.7	12.1	5.8	6.3	6.0	7.2	8.0	9.0	6.8	5.4
Health services	1.6	0.9	2.3	1.6	2.1	1.1	1.0	4.5	2.5	2.0	1.4	1.5	1.6	1.7
Salesperson	11.8	9.8	13.7	12.0	8.7	11.9	7.9	7.2	8.8	12.5	15.8	13.4	14.1	7.3
Warehouse worker	2.1	3.9	0.4	2.2	1.3	1.7	2.3	1.7	2.5	1.9	2.1	2.0	2.3	1.9
Other	23.5	27.7	23.5	19.3	28.8	25.4	18.3	22.0	21.4	22.3	27.4	24.4	24.6	21.3
Most recent hourly wage for employed students														
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$4.25 per hour	9.9	7.2	10.3	8.3	8.8	7.9	5.8	12.2	11.4	9.0	8.0	7.9	7.5	14.8
\$4.25 to \$6.00 per hour	77.5	75.6	76.7	80.9	81.1	77.0	79.3	79.0	76.8	80.0	74.8	80.1	77.0	75.8
\$6.01 to \$8.00 per hour	7.7	10.3	8.0	5.8	6.1	10.7	6.7	5.3	8.3	6.8	9.3	7.3	9.2	6.1
\$8.01 or more per hour	5.0	6.9	5.1	5.0	4.0	4.5	8.3	3.5	3.5	4.1	7.9	4.8	6.3	3.4

NOTE: Detail may not sum to totals due to rounding.

¹ Socioeconomic status (SES) was measured by a composite score of parental education and occupations, and family income.

² Less than 0.05 percent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The National Education Longitudinal Study of 1988 (NELS:88/92), "Second Follow-up, Student Survey, 1992." (This table was prepared August 1995.)

Table 382. College enrollment and labor force status of 2001 and 2002 high school completers, by sex and race/ethnicity: October 2001 and October 2002

Item	Civilian noninstitutional population			Civilian labor force ¹						Not in labor force (in thousands)
	Number (in thousands)	Percent	Percent of high school completers	Number (in thousands)	Labor force participation rate	Employed		Unemployed		
						Number (in thousands)	Percent of population	Number (in thousands)	Unemployment rate	
1	2	3	4	5	6	7	8	9	10	11
2001 high school completers ²										
Total	2,545 (47)	100.0 (0.0)	100.0	1,522 (47)	59.8	1,252	49.2	270	17.7	1,024
Men	1,275 (34)	50.1 (1.5)	50.1	746 (34)	58.5	619	48.6	127	17.0	529
Women	1,270 (32)	49.9 (1.5)	49.9	775 (33)	61.0	633	49.8	143	18.4	495
White ³	2,048 (31)	80.5 (1.2)	80.5	1,256 (39)	61.3	1,061	51.8	195	15.5	792
Black ³	392 (20)	15.4 (1.2)	15.4	207 (19)	52.8	151	38.4	57	27.3	185
Hispanic origin ⁴	241 (21)	9.5 (1.0)	9.5	172 (19)	71.4	125	51.8	47	27.4	69
Enrolled in college, October 2001	1,569 (47)	100.0 (0.0)	61.7	735 (38)	46.8	630	40.1	105	14.3	834
Men	762 (34)	48.6 (1.9)	29.9	323 (25)	42.4	283	37.1	40	12.5	439
Women	808 (33)	51.5 (1.9)	31.7	412 (28)	51.0	347	43.0	65	15.8	395
2-year	500 (32)	31.9 (1.8)	19.6	358 (28)	71.6	314	62.7	44	12.4	142
4-year	1,069 (43)	68.1 (1.8)	42.0	377 (28)	35.3	316	29.6	61	16.2	692
Full-time students	1,430 (47)	91.1 (1.1)	56.2	613 (35)	42.9	516	36.1	98	15.9	817
Part-time students	139 (18)	8.9 (1.1)	5.5	122 (17)	87.5	114	82.0	8	6.3	17
White ³	1,292 (39)	82.3 (1.5)	50.8	625 (33)	48.4	538	41.7	87	13.9	667
Black ³	215 (20)	13.7 (1.4)	8.4	86 (14)	40.1	70	32.5	16	19.0	129
Hispanic origin ⁴	124 (17)	7.9 (1.2)	4.9	79 (14)	63.7	61	49.3	18	22.6	45
Not enrolled in college, October 2001 ...	976 (42)	100.0 (0.0)	38.3	787 (39)	80.6	622	63.8	164	20.9	190
Men	513 (30)	52.6 (2.5)	20.2	423 (28)	82.5	337	65.6	87	20.5	90
Women	463 (29)	47.4 (2.5)	18.2	363 (26)	78.5	286	61.7	77	21.3	100
White ³	756 (35)	77.5 (2.1)	29.7	631 (34)	83.5	523	69.2	108	17.1	125
Black ³	177 (19)	18.1 (2.0)	7.0	121 (16)	68.3	81	45.5	40	33.3	56
Hispanic origin ⁴	116 (17)	11.9 (1.8)	4.6	93 (16)	79.6	63	54.5	29	31.5	24
2002 high school completers ⁵										
Total	2,796 (45)	100.0 (0.0)	100.0	1,604 (48)	57.3	1,375	49.2	228	14.2	1,193
Men	1,412 (33)	50.5 (1.5)	50.5	829 (34)	58.7	730	51.7	100	12.0	582
Women	1,384 (31)	49.5 (1.5)	49.5	774 (33)	55.9	645	46.6	129	16.6	610
White ³	2,231 (24)	79.8 (1.2)	79.8	1,300 (39)	58.3	1,150	51.5	150	11.6	931
Black ³	387 (20)	13.8 (1.1)	13.8	205 (19)	53.0	143	36.9	62	30.3	182
Hispanic origin ⁴	344 (23)	12.3 (1.1)	12.3	215 (21)	62.6	167	48.7	48	22.2	129
Enrolled in college, October 2002	1,824 (49)	100.0 (0.0)	65.2	829 (39)	45.4	731	40.1	98	11.8	996
Men	877 (35)	48.1 (1.8)	31.4	385 (27)	43.9	347	39.5	38	9.9	492
Women	947 (34)	51.9 (1.8)	33.9	444 (28)	46.9	384	40.6	60	13.4	503
2-year	605 (35)	33.2 (1.7)	21.6	351 (28)	58.0	306	50.6	45	12.8	254
4-year	1,220 (45)	66.9 (1.7)	43.6	478 (32)	39.2	425	34.8	53	11.1	742
Full-time students	1,668 (48)	91.4 (1.0)	59.7	711 (37)	42.6	632	37.9	79	11.1	958
Part-time students	156 (19)	8.6 (1.0)	5.6	118 (16)	75.7	99	63.4	19	16.3	38
White ³	1,488 (38)	81.6 (1.4)	53.2	693 (34)	46.6	622	41.8	71	10.2	795
Black ³	227 (20)	12.4 (1.3)	8.1	86 (14)	37.9	64	28.3	22	25.4	141
Hispanic origin ⁴	184 (20)	10.1 (1.2)	6.6	91 (16)	49.4	81	44.1	10	10.7	93
Not enrolled in college, October 2002 ...	972 (42)	100.0 (0.0)	34.8	775 (39)	79.7	644	66.3	131	16.9	197
Men	535 (31)	55.0 (2.5)	19.1	444 (29)	83.1	383	71.7	61	13.8	90
Women	437 (28)	45.0 (2.5)	15.6	330 (25)	75.6	261	59.7	69	21.0	107
White ³	743 (35)	76.4 (2.1)	26.6	607 (33)	81.7	528	71.0	80	13.1	136
Black ³	160 (18)	16.5 (1.9)	5.7	119 (16)	74.5	79	49.3	40	33.9	41
Hispanic origin ⁴	160 (19)	16.5 (2.1)	5.7	124 (18)	77.7	86	54.0	38	30.6	36

¹ The labor force includes all employed persons plus those seeking employment. The labor force participation rate is the percentage of persons either employed or seeking employment.

² Includes 16- to 24-year-olds who completed high school between January and October 2001.

³ Includes persons of Hispanic origin.

⁴ Persons of Hispanic origin may be of any race.

⁵ Includes 16- to 24-year-olds who completed high school between January and October 2002.

NOTE: Data are based upon sample surveys of the civilian noninstitutional population. Percents are only shown when the base is 75,000 or greater. Even though the standard errors are large, smaller estimates are shown to permit users to combine categories in various ways. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" groups are not presented and Hispanics are included in both the White and Black population groups. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, "College Enrollment and Work Activity of High School Graduates," 2001 and 2002. (This table was prepared March 2004.)

Table 383. Labor force status of 1980 to 2002 high school dropouts, by sex and race/ethnicity: Selected years, October 1980 to October 2002

Year, sex, and race or ethnicity	Dropouts		Dropouts in civilian labor force ¹				Dropouts not in labor force	
	Number (in thousands)	Percent of total	Number, (in thousands)	Labor force participation rate	Unemployed		Number, (in thousands)	Percent of population
					Number, (in thousands)	Unemployment rate		
1	2	3	4	5	6	7	8	9
All dropouts ²								
1980	739	100.0	471	63.7 (2.4)	149	31.6 (3.0)	268	36.3 (2.4)
1985	612	100.0	413	67.5 (2.8)	147	35.6 (3.4)	199	32.5 (2.8)
1990	405	100.0	280	69.0 (3.5)	90	32.3 (4.3)	125	31.0 (3.5)
1995	604	100.0	409	67.7 (2.9)	121	29.6 (3.5)	195	32.3 (2.9)
1996	496	100.0	289	58.4 (3.5)	80	27.6 (4.2)	206	41.6 (3.5)
1997	502	100.0	302	60.2 (3.5)	77	25.4 (4.0)	200	39.8 (3.5)
1998	505	100.0	308	60.9 (3.5)	87	28.2 (4.1)	197	39.1 (3.5)
1999	524	100.0	300	57.3 (3.4)	78	26.1 (4.0)	224	42.7 (3.4)
2000	515	100.0	350	68.0 (3.3)	99	28.1 (3.8)	165	32.0 (3.3)
2001	506	100.0	324	64.0 (3.4)	116	35.9 (4.3)	182	36.0 (3.4)
2002	401	100.0	271	67.7 (3.7)	81	29.8 (4.4)	129	32.3 (3.7)
Men								
1980	422	57.1	305	72.3 (3.0)	93	30.5 (3.6)	117	27.7 (3.0)
1985	321	52.5	261	81.3 (3.2)	98	37.5 (4.4)	60	18.7 (3.2)
1990	215	53.1	173	80.2 (4.2)	63	36.2 (5.6)	42	19.8 (4.2)
1995	339	56.1	251	74.0 (3.7)	72	28.7 (4.4)	88	26.0 (3.7)
1997	289	57.6	207	71.8 (4.2)	42	20.3 (4.5)	81	28.2 (4.2)
1998	257	50.9	164	63.9 (4.8)	31	19.0 (4.9)	93	36.1 (4.8)
1999	243	46.4	162	66.8 (4.8)	42	25.8 (5.5)	81	33.2 (4.8)
2000	295	57.3	220	74.4 (4.1)	54	24.5 (4.6)	76	25.6 (4.1)
2001	298	58.9	198	66.5 (4.4)	68	34.2 (5.4)	100	33.5 (4.4)
2002	214	53.4	149	69.5 (5.0)	35	23.4 (5.5)	65	30.5 (5.0)
Women								
1980	317	42.9	166	52.4 (3.9)	56	33.7 (5.1)	151	47.6 (3.9)
1985	291	47.5	152	52.2 (4.3)	49	32.2 (5.5)	139	47.8 (4.3)
1990	190	46.9	107	56.3 (5.5)	28	26.1 (6.5)	83	43.7 (5.5)
1995	265	43.9	157	59.5 (4.6)	49	30.9 (5.7)	107	40.5 (4.6)
1997	213	42.4	95	44.4 (5.4)	35	36.6 (7.9)	119	55.6 (5.4)
1998	248	49.1	143	57.8 (5.0)	56	38.7 (6.5)	105	42.2 (5.0)
1999	282	53.8	139	49.2 (4.7)	37	26.4 (6.0)	143	50.8 (4.7)
2000	220	42.7	131	59.4 (5.3)	45	34.2 (6.6)	90	40.6 (5.3)
2001	207	40.9	126	60.6 (5.4)	48	38.6 (6.9)	82	39.4 (5.4)
2002	187	46.6	122	65.6 (5.5)	46	37.6 (7.0)	64	34.4 (5.5)
White ³								
1980	580	78.5	392	67.6 (2.7)	106	27.0 (3.1)	188	32.4 (2.7)
1985	458	74.8	330	72.1 (3.0)	116	35.2 (3.8)	128	27.9 (3.0)
1990	303	74.8	211	69.8 (4.0)	56	26.3 (4.6)	92	30.2 (4.0)
1995	448	74.2	312	69.8 (3.3)	85	27.2 (3.9)	135	30.2 (3.3)
1997	386	76.9	250	64.8 (3.9)	51	20.5 (4.1)	136	35.2 (3.9)
1998	384	76.0	257	67.0 (3.8)	63	24.5 (4.3)	127	33.0 (3.8)
1999	377	71.9	227	60.3 (4.0)	54	23.6 (4.5)	150	39.7 (4.0)
2000	384	74.6	280	73.0 (3.6)	70	24.9 (4.1)	104	27.0 (3.6)
2001	401	79.2	273	68.1 (3.7)	89	32.4 (4.5)	128	31.9 (3.7)
2002	281	70.1	188	67.0 (4.5)	48	25.6 (5.1)	93	33.0 (4.5)
Black ³								
1980	146	19.8	73	50.0 (6.2)	40	(4) (4)	73	50.0 (6.2)
1985	132	21.6	69	52.3 (6.8)	30	(4) (4)	63	47.7 (6.8)
1990	86	21.2	56	65.3 (8.5)	30	(4) (4)	30	34.7 (8.5)
1995	109	18.0	66	61.0 (7.7)	27	(4) (4)	42	39.0 (7.7)
1997	90	17.9	41	45.1 (9.0)	22	(4) (4)	49	54.9 (9.0)
1998	98	19.4	46	47.2 (8.7)	23	(4) (4)	52	52.8 (8.7)
1999	118	22.5	59	50.0 (7.9)	20	(4) (4)	59	50.0 (7.9)
2000	111	21.5	58	51.9 (8.1)	27	(4) (4)	53	48.1 (8.1)
2001	85	16.8	42	49.9 (9.3)	21	(4) (4)	43	50.1 (9.3)
2002	79	19.7	55	69.8 (8.9)	27	(4) (4)	24	30.2 (8.9)
Hispanic ⁵								
1980	91	12.3	60	65.9 (7.4)	17	(4) (4)	31	34.1 (7.4)
1985	106	17.3	73	68.9 (7.9)	33	(4) (4)	33	31.1 (7.9)
1990	67	16.5	32	(4) (4)	10	(4) (4)	35	(4) (4)
1995	174	28.8	119	68.6 (6.7)	35	29.3 (8.0)	55	31.4 (6.7)
1997	121	24.1	88	73.1 (8.0)	15	17.4 (8.1)	32	26.9 (8.0)
1998	120	23.8	82	68.5 (8.5)	22	27.1 (9.8)	38	31.5 (8.5)
1999	119	22.7	85	71.4 (8.3)	10	12.0 (7.0)	34	28.6 (8.3)
2000	101	19.6	62	61.1 (9.7)	22	(4) (4)	39	38.9 (9.7)
2001	119	23.5	84	70.6 (8.3)	27	32.6 (10.2)	35	29.4 (8.3)
2002	94	23.4	62	66.5 (9.7)	23	(4) (4)	31	33.5 (9.7)

¹ The labor force includes all employed persons plus those seeking employment. The labor force participation rate is the percentage of persons either employed or seeking employment. The unemployment rate is the percent of persons in the labor force who are seeking employment.

² Persons 16 to 24 years old who dropped out of school in the 12-month period ending in October of years shown.

³ Includes persons of Hispanic origin.

⁴ Data not shown where base is less than 75,000.

⁵ Persons of Hispanic origin may be of any race.

NOTE: Data are based upon sample surveys of the civilian noninstitutional population. Includes dropouts from any grade, including a small number from elementary and middle

schools. Even though the standard errors are large, smaller estimates are shown to permit users to combine categories in various ways. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the White and Black population groups. Some data have been revised from previously published figures. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *College Enrollment of High School Graduates*, selected years 1980 to 2002. (This table was prepared March 2004.)

Table 384. Full-time employment status of bachelor's degree recipients 1 year after graduation, by field of study: 1976 to 2001

Field of study	Percent employed full-time						Percent employed full-time in a job closely related to field of study						Percent employed full-time in nonprofessional jobs ¹			
	1974-75 grad- uates in May 1976	1979-80 grad- uates in May 1981	1983-84 grad- uates in June 1985	1985-86 grad- uates in June 1987	1989-90 grad- uates in June 1991	1999- 2000 grad- uates in July 2001	1974-75 grad- uates in May 1976	1979-80 grad- uates in May 1981	1983-84 grad- uates in June 1985	1985-86 grad- uates in June 1987	1989-90 grad- uates in June 1991	1999-2000 graduates in July 2001	1974-75 grad- uates in May 1976	1979-80 grad- uates in May 1981	1983-84 grad- uates in June 1985	1985-86 grad- uates in June 1987
1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18
Total	67	71	73	74	74	84 (0.6)	35	38	38	39	52 (0.8)	10	12	13	14	13
Professional/technical fields	77	80	82	81	80	88 (0.8)	51	51	47	48	63 (1.3)	9	10	13	11	11
Arts and sciences fields	56	56	56	62	64	77 (1.1)	18	17	15	25	39 (1.3)	12	14	14	15	14
Other	65	74	75	74	73	86 (1.2)	36	43	47	38	45 (2.2)	9	19	12	17	13
Newly qualified to teach	66	75	73	68	74	82 (1.0)	43	56	54	58	44 (1.3)	7	8	9	9	6
Not newly qualified to teach	67	71	73	74	73	86 (0.7)	33	36	36	37	56 (1.1)	12	13	13	14	14
Professional/technical fields	90	81	82	82	83	89 (0.9)	52	49	47	48	66 (1.5)	10	10	13	11	12
Engineering	79	84	84	83	84	87 (2.3)	57	55	53	50	71 (3.3)	4	2	3	5	3
Business and management	84	83	85	85	83	93 (1.2)	49	44	41	40	42 (2.3)	15	14	19	17	16
Health	75	77	75	76	76	84 (1.7)	71	66	70	65	81 (2.3)	2	4	2	3	1
Education ²	66	67	63	73	67	81 (6.9)	22	29	24	39	30 (9.2)	12	18	16	9	11
Public affairs and services	—	57	56	63	66	87 (2.8)	—	46	31	49	58 (4.6)	—	10	15	20	9
Arts and sciences fields	57	64	56	63	64	77 (1.5)	17	15	15	25	42 (1.8)	13	15	15	15	15
Biological sciences	56	45	43	42	50	66 (3.9)	26	18	17	15	47 (5.0)	6	8	11	11	8
Physical sciences and mathematics ³	50	58	51	76	72	89 (2.3)	19	29	20	48	66 (3.4)	6	2	7	9	7
Psychology	61	56	57	66	59	80 (3.2)	22	17	12	22	37 (4.5)	18	17	16	19	14
Social sciences	59	61	61	61	68	76 (2.8)	12	10	13	12	25 (3.1)	15	21	14	17	20
Humanities	56	55	59	59	59	72 (3.5)	12	14	17	11	41 (3.9)	17	18	19	19	21
Other	68	75	77	75	73	89 (1.5)	36	43	42	36	48 (2.8)	10	20	14	21	14
Communications	—	71	76	77	77	—	—	—	31	29	—	—	—	16	18	17
Miscellaneous	66	76	77	74	73	—	35	46	46	38	—	11	19	13	23	13

—Not available.
¹Includes those not working in technical, managerial, or administrative types of jobs who reported that they did not need a college degree to obtain their job. Data not collected in 2001.
²Includes those who have not finished all requirements for teaching certification or were previously qualified to teach.
³Includes computer sciences.

NOTE: Data are from sample surveys of recent college graduates. Notes on methodology are included in the *Guide to Sources*. Data exclude bachelor's recipients from U.S. Service Schools. Deceased graduates and graduates living at foreign addresses at the time of the survey are not included. Data not available for 2001 on percent of graduates employed full-time in nonprofessional jobs. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Recent College Graduates" surveys, 1976 through 1991; and 2000/01 Baccalaureate and Beyond Longitudinal Study (B&B:2000/01). (This table was prepared September 2003.)

Table 385. Percent distribution of 1999–2000 bachelor's degree recipients 1 year after graduation, by field of study, occupational area, job characteristics, and annual salaries: 2001

Status	Professional/technical fields										Arts and sciences					Other fields
	All fields of study	Business and management	Education	Engineering	Health professions	Public affairs and social services	Biological sciences	Mathematics and physical sciences	Social sciences	History	Humanities	Psychology				
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
Total 1999–2000 graduates	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)			
Time between high school graduation and degree completion	32.7 (0.8)	28.2 (1.7)	25.6 (1.8)	23.0 (2.3)	26.2 (2.1)	27.6 (2.6)	44.5 (2.4)	32.5 (2.4)	44.7 (2.4)	42.5 (4.4)	38.1 (2.1)	42.8 (2.4)	31.3 (1.6)			
4 years or less	22.9 (0.6)	19.7 (1.4)	15.8 (1.1)	15.3 (2.5)	21.5 (1.8)	23.1 (2.7)	24.6 (2.3)	22.2 (2.0)	22.1 (2.0)	18.3 (3.0)	20.2 (1.5)	18.4 (1.9)	26.3 (1.4)			
More than 4, up to 5 years	10.8 (0.5)	10.0 (1.1)	14.2 (1.1)	15.3 (1.1)	11.1 (1.1)	9.1 (1.1)	6.5 (1.1)	11.8 (1.1)	9.5 (1.1)	7.4 (1.1)	7.4 (1.1)	8.5 (1.1)	11.2 (1.1)			
More than 5, up to 6 years	14.8 (0.6)	15.3 (1.5)	15.7 (1.7)	15.4 (2.1)	14.9 (1.6)	15.7 (2.9)	16.6 (2.2)	15.0 (2.1)	11.5 (1.4)	12.3 (2.7)	15.4 (1.8)	14.0 (1.8)	14.3 (1.4)			
More than 6, up to 10 years	18.9 (0.6)	26.8 (1.8)	18.6 (1.8)	13.9 (1.8)	26.3 (1.8)	24.6 (2.7)	7.8 (1.4)	18.4 (2.1)	12.2 (1.5)	19.5 (3.5)	14.8 (1.5)	16.4 (1.9)	17.0 (1.5)			
Enrollment status	14.2 (0.5)	7.0 (0.9)	6.8 (1.0)	9.7 (1.5)	16.4 (1.4)	11.5 (1.9)	41.5 (2.8)	17.2 (2.0)	23.9 (2.0)	16.7 (2.5)	14.7 (1.2)	23.3 (2.0)	11.1 (1.0)			
Enrolled full-time	6.5 (0.3)	5.4 (0.8)	11.2 (1.2)	8.9 (1.6)	5.6 (1.0)	7.6 (1.8)	40 (0.9)	7.2 (1.4)	4.7 (0.9)	12.2 (3.2)	6.5 (0.9)	7.7 (1.2)	5.0 (0.7)			
Enrolled part-time	79.4 (0.5)	87.6 (1.1)	82.0 (1.5)	81.4 (2.0)	78.1 (1.6)	80.9 (2.3)	54.5 (2.7)	75.6 (2.4)	71.5 (2.1)	71.1 (3.7)	78.9 (1.5)	69.0 (2.1)	83.9 (1.2)			
Not enrolled	87.4 (0.4)	91.8 (1.1)	93.9 (0.9)	93.0 (1.4)	88.5 (1.3)	90.9 (1.9)	70.2 (2.5)	88.4 (1.6)	81.2 (1.7)	88.7 (2.3)	85.2 (1.5)	80.8 (2.0)	87.0 (1.0)			
Employment status	76.5 (0.5)	85.5 (1.3)	84.0 (1.4)	86.0 (1.8)	74.8 (1.7)	85.1 (2.2)	52.6 (2.8)	80.7 (2.0)	66.0 (2.2)	76.8 (3.0)	67.5 (1.8)	64.0 (2.5)	78.6 (1.3)			
Full-time	10.9 (0.4)	6.2 (0.9)	9.8 (1.2)	6.9 (1.2)	13.7 (1.3)	5.8 (1.2)	17.5 (1.9)	7.7 (1.2)	15.2 (1.7)	11.9 (2.1)	17.7 (1.6)	16.8 (1.9)	8.4 (0.9)			
Part-time	6.2 (0.3)	5.4 (0.9)	2.2 (0.5)	4.4 (1.1)	4.9 (0.9)	4.9 (1.3)	6.7 (1.3)	4.4 (1.1)	7.8 (1.1)	5.5 (1.8)	8.1 (1.1)	9.8 (1.6)	7.8 (0.8)			
Not in labor force ²	6.4 (0.3)	2.9 (0.6)	4.0 (0.7)	2.7 (0.8)	6.6 (0.9)	4.2 (1.0)	23.2 (2.3)	7.3 (1.3)	11.0 (1.4)	5.8 (1.5)	6.7 (0.9)	9.5 (1.4)	5.2 (0.7)			
Unemployment rate ³	4.0 (0.3)	2.9 (0.7)	2.6 (1.4)	2.9 (0.9)	3.1 (0.8)	3.5 (1.0)	8.6 (2.1)	2.8 (1.1)	6.1 (1.3)	7.2 (2.1)	4.9 (1.0)	3.9 (0.9)	3.9 (0.7)			
Total employed	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)	100 (0.00)			
Occupation	25.3 (0.6)	55.4 (1.8)	4.2 (0.8)	11.1 (1.9)	10.8 (1.4)	19.0 (2.7)	15.2 (2.1)	14.6 (2.2)	33.7 (2.1)	22.5 (4.1)	18.1 (1.7)	19.8 (2.2)	22.9 (1.5)			
Business management	18.1 (0.6)	3.2 (0.7)	81.9 (1.7)	3.0 (1.0)	7.6 (1.1)	11.0 (2.7)	12.6 (1.7)	11.7 (1.9)	13.5 (1.7)	24.0 (3.9)	24.5 (1.7)	21.9 (2.4)	14.2 (1.3)			
Education	4.8 (0.3)	1.2 (0.3)	1.6 (0.4)	53.0 (3.1)	0.2 (0.5)	0.7 (0.5)	1.2 (0.8)	9.2 (1.4)	0.5 (0.2)	2.0 (1.0)	0.5 (0.4)	0.5 (0.4)	3.9 (0.8)			
Engineering	7.8 (0.4)	1.0 (0.4)	1.6 (0.5)	0.4 (0.3)	61.8 (2.3)	4.3 (1.2)	15.6 (2.0)	2.0 (0.8)	3.4 (1.0)	2.0 (2.0)	1.5 (0.4)	7.9 (1.3)	3.6 (0.7)			
Health professions	11.2 (0.4)	2.3 (0.5)	1.5 (0.4)	13.5 (2.1)	5.7 (1.1)	26.7 (2.8)	32.7 (2.8)	16.7 (1.8)	15.2 (1.8)	10.8 (1.3)	10.8 (1.3)	21.2 (2.1)	14.7 (1.2)			
Other professions ⁴	6.8 (0.4)	9.0 (1.1)	1.2 (0.4)	10.1 (1.9)	0.8 (0.3)	2.3 (1.0)	2.3 (0.7)	35.9 (2.4)	4.9 (1.2)	1.8 (1.0)	5.4 (1.0)	2.1 (0.7)	4.8 (0.9)			
Computer science/programming	5.4 (0.3)	5.7 (0.9)	3.5 (0.7)	1.6 (0.6)	2.8 (0.7)	5.1 (1.3)	5.0 (1.4)	3.0 (0.8)	8.8 (1.3)	7.6 (2.2)	8.6 (1.1)	5.9 (1.4)	5.1 (0.7)			
Administrative/clerical/support	3.3 (0.3)	3.8 (0.8)	1.1 (0.4)	3.6 (1.1)	2.0 (0.7)	2.0 (1.0)	6.1 (1.7)	1.8 (0.7)	1.2 (0.6)	8.3 (2.5)	4.7 (0.9)	2.0 (1.0)	4.8 (0.8)			
Mechanic/operator/laborer	6.8 (0.4)	12.2 (1.2)	1.0 (0.5)	1.3 (0.5)	2.9 (0.7)	2.2 (0.8)	3.3 (1.1)	2.0 (1.0)	4.0 (0.9)	11.1 (2.4)	6.8 (1.1)	4.3 (0.9)	12.3 (1.1)			
Sales	8.1 (0.4)	5.1 (0.8)	3.3 (0.9)	1.7 (0.6)	4.4 (1.1)	5.4 (1.6)	5.0 (1.1)	1.5 (0.5)	1.1 (1.8)	12.2 (2.8)	18.5 (1.6)	11.3 (1.7)	10.7 (1.2)			
Military/protective service	2.4 (0.2)	1.2 (0.4)	0.8 (0.5)	0.6 (0.4)	1.2 (0.5)	21.5 (2.9)	1.0 (0.5)	1.7 (0.6)	3.6 (0.8)	1.5 (0.9)	0.6 (0.3)	3.5 (1.0)	2.9 (0.6)			
Job characteristics	71.4 (0.7)	75.7 (1.6)	86.6 (1.4)	89.1 (1.6)	73.4 (1.9)	75.8 (2.6)	60.0 (3.3)	76.3 (2.4)	62.4 (2.5)	58.9 (4.1)	61.7 (2.0)	56.6 (2.8)	68.1 (1.6)			
Job is start of career	54.0 (0.7)	55.8 (1.7)	82.7 (1.5)	69.3 (2.9)	74.6 (2.0)	59.3 (2.9)	47.1 (3.1)	66.3 (2.6)	29.0 (2.1)	24.8 (3.8)	41.3 (2.0)	35.8 (2.8)	47.0 (2.1)			
Job closely related to bachelor's degree	Annual salaries ⁵	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Average annual salary ⁶	\$35,408 (316)	\$41,008 (941)	\$27,634 (346)	\$39,441 (1,090)			
Less than \$10,000	1.4 (0.2)	0.4 (0.2)	1.8 (0.6)	0.8 (0.7)	0.6 (0.2)	1.1 (0.6)	1.8 (0.7)	0.8 (0.6)	2.2 (0.7)	3.3 (2.1)	1.8 (0.4)	5.5 (1.5)	1.3 (0.5)			
\$10,000 to \$14,999	2.6 (0.2)	1.0 (0.4)	1.6 (0.4)	0.5 (0.4)	1.3 (0.5)	2.7 (1.4)	4.7 (1.4)	0.7 (0.3)	2.9 (0.8)	2.0 (0.9)	5.4 (1.0)	4.1 (1.2)	3.0 (0.6)			
\$15,000 to \$19,999	5.4 (0.3)	1.8 (0.6)	7.3 (1.1)	1.4 (0.6)	2.8 (0.8)	8.0 (2.2)	9.7 (2.0)	4.2 (1.1)	4.3 (1.0)	8.1 (3.0)	9.1 (1.1)	7.8 (1.9)	7.4 (1.0)			
\$20,000 to \$24,999	11.2 (0.5)	5.7 (0.9)	16.4 (1.8)	1.5 (0.6)	6.4 (1.2)	18.2 (2.7)	13.7 (2.2)	6.6 (1.4)	13.6 (1.8)	11.2 (2.6)	14.7 (1.4)	18.9 (2.0)	15.0 (1.4)			
\$25,000 to \$34,999	36.4 (0.8)	29.3 (2.0)	62.0 (2.2)	5.7 (1.5)	30.2 (2.1)	46.2 (3.4)	37.1 (3.4)	24.7 (2.9)	39.0 (2.8)	47.2 (4.9)	43.3 (2.3)	41.1 (3.1)	37.3 (2.0)			
\$35,000 to \$49,999	28.0 (0.8)	41.1 (2.0)	9.5 (1.2)	44.0 (3.2)	40.3 (2.2)	16.3 (2.4)	25.5 (3.3)	28.3 (2.8)	26.7 (2.4)	26.9 (4.5)	20.2 (1.9)	16.1 (2.4)	24.4 (1.7)			
\$50,000 or more	12.3 (0.5)	15.9 (1.5)	1.4 (0.6)	4.3 (1.3)	14.7 (1.7)	4.5 (1.4)	5.8 (1.7)	29.5 (2.9)	8.4 (1.6)	1.3 (1.1)	4.9 (1.1)	4.8 (1.2)	9.5 (1.3)			
Average annual salary ⁶	\$35,408 (316)	\$41,008 (941)	\$27,634 (346)	\$47,931 (790)	\$39,441 (1,090)	\$30,400 (1,055)	\$30,749 (978)	\$42,755 (981)	\$33,892 (916)	\$29,984 (1,053)	\$30,102 (846)	\$28,835 (906)	\$32,780 (628)			

¹Rounds to zero.
²Percent of all persons (including those not in the labor force) who are not working, but looking for work.
³Percent of persons in the labor force (excluding those not in the labor force) who are not working, but looking for work.
⁴All other professional occupations excluding business, teaching, engineering, and health.
⁵Salaries for those employed full time.
⁶Respondents reporting salaries less than \$1,000 and more than \$500,000 were excluded.
 NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, 2000/01 Baccalaureate and Beyond Longitudinal Study (B&B:00/01), First Follow-up survey. (This table was prepared September 2003.)

Table 386. Enrollment status of 1992–93 bachelor’s degree recipients, by undergraduate major and highest degree attained: April 1997

Undergraduate major field of study and educational attainment	Enrolled in April 1997 ¹				
	Ever enrolled since graduation	Enrolled full time	Enrolled part time	Enrolled and employed	Enrolled and not employed
1	2	3	4	5	6
	Percent				
All graduates	29.8	8.5	9.2	13.0	4.7
Professional fields	25.8	5.0	9.4	12.0	2.4
Engineering	33.9	6.6	11.1	14.1	3.6
Business and management	16.3	3.7	5.7	7.5	1.9
Health professions	26.6	7.6	6.5	9.9	4.2
Education	38.0	5.5	16.9	20.1	2.3
Public affairs and social services	26.4	4.1	9.0	12.3	0.8
Arts and sciences fields	38.5	15.1	9.3	15.2	9.2
Biological sciences	52.1	33.9	8.2	16.6	25.5
Mathematics and other sciences	39.2	12.6	8.3	13.1	7.8
Psychology	42.0	18.8	7.7	18.2	8.3
Social sciences	35.9	10.9	11.9	16.7	6.1
History	40.8	13.8	9.2	11.8	11.2
Humanities	31.7	10.5	8.3	13.6	5.2
Other	24.0	6.3	8.1	11.9	2.5
Highest degree attained by 1997					
Bachelor’s degree	—	7.2	9.3	12.6	3.9
Postbaccalaureate certificate	—	11.0	13.9	19.2	5.7
Master’s degree	—	13.8	8.0	15.0	6.8
First-professional degree	—	33.3	0.9	8.7	25.5
Doctoral degree	—	—	—	—	—

—Not available.

¹ Includes enrollment at any level in a degree or non-degree program.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1993/97 Baccalaureate and Beyond Longitudinal Study (B&B:93/97). (This table was prepared April 2001.)

NOTE: Data are from a sample survey of recent college graduates. Notes on methodology are included in the *Guide to Sources*.

Table 387. Average annual salary of bachelor’s degree recipients employed full-time 1 year after graduation, by field of study: 1976 to 2001

Field of study	Average salary ¹ of 1974–75 degree recipients in February 1976		Average salary ¹ of 1979–80 degree recipients in May 1981		Average salary ¹ of 1983–84 degree recipients in June 1985		Average salary of 1985–86 degree recipients in June 1987		Average salary of 1989–90 degree recipients in June 1991		Average salary ¹ of 1992–93 degree recipients in April 1994		Average salary ¹ of 1999–2000 degree recipients in 2001	Percent change in constant dollars, 1976 to 2001	Percent change in constant dollars, 1991 to 2001
	Current dollars	Constant 2001 dollars	Current dollars	Constant 2001 dollars	Current dollars	Constant 2001 dollars	Current dollars	Constant 2001 dollars	Current dollars	Constant 2001 dollars	Current dollars	Constant 2001 dollars			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total	\$7,600	\$23,700	\$15,200	\$29,600	\$17,700	\$29,100	\$20,400	\$31,700	\$23,600	\$30,700	\$24,200	\$28,900	\$35,400 (316)	49.4	15.3
Engineering	12,200	38,000	22,400	43,600	24,100	39,700	26,600	41,500	30,900	40,200	30,900	37,000	47,900 (790)	26.1	19.2
Business and management	10,200	31,700	16,300	31,800	18,700	30,800	21,100	32,900	24,700	32,200	27,100	32,300	41,000 (941)	29.3	27.3
Health professions	8,600	26,800	17,300	33,700	20,800	34,200	22,600	35,200	31,500	40,900	31,300	37,400	39,400 (1,090)	47.0	-3.7
Education ²	6,300	19,600	11,500	22,400	13,800	22,700	15,800	24,600	19,100	24,800	19,300	23,000	27,600 (346)	40.8	11.3
Public affairs and social services	—	—	13,700	26,700	15,100	24,900	17,700	27,600	20,800	27,000	22,000	26,300	30,400 (1,055)	—	12.6
Biological sciences	6,500	20,200	14,500	28,300	15,100	24,900	16,400	25,500	21,100	27,400	22,800	27,200	30,700 (978)	52.0	12.0
Mathematics and other sciences	7,000	21,800	16,300	31,800	17,500	28,800	22,500	35,100	27,200	35,300	25,400	30,400	42,800 (981)	96.3	21.2
Psychology	—	—	12,500	24,400	14,600	24,000	17,300	27,000	19,200	24,900	19,500	23,300	28,800 (906)	—	15.7
Social sciences	6,700	20,900	14,000	27,300	15,800	26,000	20,300	31,700	22,200	28,900	22,100	26,400	33,900 (916)	62.2	17.3
History	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Humanities	5,800	18,100	12,600	24,500	14,000	23,000	16,200	25,300	19,100	24,800	21,000	25,200	30,000 (1,053)	—	—
Communications	—	—	—	—	16,200	26,700	—	—	—	—	—	—	—	—	—
Miscellaneous	6,800	21,200	15,100	29,400	18,600	30,600	17,600	27,500	20,800	27,000	21,600	25,800	32,800 (628)	54.7	21.5

—Not available.

¹ Reported salaries of full-time workers under \$2,600 in 1976, \$4,200 in 1981, \$5,000 in 1985 and \$1,000 in 1994 and 2001 were excluded from the tabulations. Also those with salaries over \$500,000 in 1994 and 2001 were excluded.

² Most educators work 9- to 10-month contracts.

SOURCE: U.S. Department of Education, National Center for Education Statistics, “Recent College Graduates” surveys, 1976 through 1991; and 1993–94 and 2000–01 Baccalaureate and Beyond Longitudinal Study, (B&B:93/94) and (B&B:2000/01). (This table was prepared September 2003).

NOTE: Data exclude bachelor’s recipients from U.S. Service Schools and graduates living at foreign addresses at the time of the survey. Constant dollar adjustments based on the Consumer Price Index. Standard errors appear in parentheses.

Table 388. Median annual income of year-round, full-time workers 25 years old and over, by highest level of educational attainment and sex: 1990 to 2001

Sex and year	Total	Elementary/secondary			College						
		Less than 9th grade	9th to 12th grade, no completion ¹	High school completion (includes equivalency) ²	Some college, no degree ³	Associate degree ⁴	Bachelor's or higher degree ⁵				
1	2	3	4	5	6	7	8	9	10	11	12
Current dollars											
Men	\$30,733 (—)	\$17,394 (—)	\$20,902 (—)	\$26,653 (—)	\$31,734 (—)	— (—)	\$42,671 (—)	\$39,238 (—)	— (—)	— (—)	— (—)
1990	31,613 (—)	17,623 (—)	21,402 (—)	26,779 (—)	31,663 (—)	\$33,817 (—)	45,138 (—)	40,906 (—)	\$49,734 (—)	\$73,996 (—)	\$57,187 (—)
1991	32,057 (120)	17,294 (—)	21,274 (—)	27,280 (175)	32,103 (—)	33,433 (—)	45,802 (—)	41,355 (304)	49,973 (—)	76,220 (—)	57,418 (—)
1992	32,359 (124)	16,863 (—)	21,752 (—)	27,370 (204)	32,077 (—)	33,690 (—)	47,740 (—)	42,757 (536)	51,867 (—)	80,549 (—)	63,149 (—)
1993	33,440 (246)	17,532 (453)	22,048 (319)	28,037 (322)	32,279 (300)	35,794 (430)	49,228 (707)	43,663 (633)	53,500 (854)	75,009 (3,040)	61,921 (1,619)
1994	34,551 (275)	18,354 (545)	22,185 (342)	29,510 (358)	33,883 (517)	35,201 (535)	50,481 (312)	45,266 (510)	55,216 (973)	79,667 (2,582)	65,336 (2,188)
1995	35,622 (150)	17,962 (594)	22,717 (414)	30,709 (184)	34,845 (456)	37,131 (435)	51,436 (303)	45,846 (458)	60,508 (945)	85,963 (3,317)	71,227 (3,362)
1996	36,678 (149)	19,291 (629)	24,726 (466)	31,215 (171)	35,945 (293)	38,022 (774)	53,450 (755)	48,616 (851)	61,590 (771)	85,011 (4,253)	76,234 (3,611)
1997	37,906 (291)	19,380 (600)	23,958 (547)	31,477 (169)	36,934 (291)	40,274 (539)	56,524 (421)	51,405 (349)	62,244 (847)	94,737 (12,105)	75,078 (2,507)
1998	40,333 (144)	20,429 (444)	25,035 (535)	33,184 (388)	39,221 (581)	41,638 (459)	60,201 (439)	52,985 (722)	66,243 (690)	100,000 (37,836)	81,687 (3,953)
1999	41,059 (156)	20,789 (376)	25,095 (436)	34,303 (457)	40,337 (312)	41,952 (460)	61,868 (303)	56,334 (573)	68,322 (1,506)	99,411 (20,832)	80,250 (2,446)
2000	41,617 (104)	21,361 (235)	26,209 (251)	34,723 (299)	41,045 (214)	42,776 (561)	62,223 (279)	55,929 (335)	70,899 (687)	100,000 (—)	86,965 (3,013)
2001											
Women	21,372 (—)	12,251 (—)	14,429 (—)	18,319 (—)	22,227 (—)	— (—)	30,377 (—)	28,017 (—)	— (—)	— (—)	— (—)
1990	22,043 (—)	12,066 (—)	14,455 (—)	18,836 (—)	22,143 (—)	25,000 (—)	31,310 (—)	29,079 (—)	34,949 (—)	46,742 (—)	43,303 (—)
1991	23,139 (159)	12,958 (—)	14,559 (—)	19,427 (176)	23,157 (—)	25,624 (—)	32,304 (—)	30,326 (294)	36,037 (—)	46,257 (—)	45,790 (—)
1992	23,629 (166)	12,415 (—)	15,386 (—)	19,963 (173)	23,056 (—)	25,883 (—)	34,307 (—)	31,197 (310)	38,612 (—)	50,211 (—)	47,248 (—)
1993	24,399 (165)	12,430 (427)	15,133 (328)	20,373 (158)	23,514 (327)	25,940 (295)	35,378 (280)	31,741 (314)	39,457 (606)	50,615 (2,154)	51,119 (2,888)
1994	24,875 (160)	13,577 (490)	15,825 (293)	20,463 (162)	23,997 (274)	27,311 (428)	35,259 (313)	32,051 (273)	40,263 (556)	50,000 (2,532)	48,141 (2,373)
1995	25,808 (131)	14,414 (559)	16,953 (333)	21,175 (143)	25,167 (267)	28,083 (526)	36,461 (296)	33,525 (437)	41,901 (564)	57,624 (3,635)	56,267 (3,300)
1996	26,974 (134)	14,161 (492)	16,697 (335)	22,067 (148)	26,335 (291)	28,812 (660)	38,038 (481)	35,379 (295)	44,949 (837)	61,051 (4,737)	53,038 (3,626)
1997	27,956 (199)	14,467 (429)	16,482 (322)	22,780 (254)	27,420 (271)	29,924 (513)	39,786 (408)	36,559 (305)	45,283 (760)	57,565 (1,705)	57,796 (1,881)
1998	28,844 (216)	15,098 (492)	17,015 (298)	23,061 (279)	27,757 (369)	30,919 (318)	41,747 (275)	37,993 (614)	48,097 (862)	59,904 (4,479)	60,079 (3,130)
1999	30,327 (138)	15,998 (327)	17,919 (434)	24,970 (236)	28,697 (364)	31,071 (307)	42,706 (439)	40,415 (284)	50,139 (735)	58,957 (3,552)	57,081 (2,999)
2000	31,356 (91)	16,691 (255)	19,156 (359)	25,303 (132)	30,418 (186)	32,153 (231)	44,776 (367)	40,994 (231)	50,669 (328)	61,748 (3,976)	62,123 (2,228)
2001											
Constant 2001 dollars											
Men	\$41,644 (—)	\$23,569 (—)	\$28,322 (—)	\$36,115 (—)	\$43,000 (—)	— (—)	\$57,820 (—)	\$53,168 (—)	— (—)	— (—)	— (—)
1990	41,106 (—)	22,915 (—)	27,829 (—)	34,821 (—)	41,171 (—)	\$43,972 (—)	58,693 (—)	53,190 (—)	\$64,669 (—)	\$96,217 (—)	\$74,360 (—)
1991	40,465 (151)	21,830 (—)	26,854 (—)	34,435 (221)	40,523 (—)	42,202 (—)	57,816 (—)	52,202 (384)	63,081 (—)	96,212 (—)	72,478 (—)
1992	39,659 (152)	20,667 (—)	26,659 (—)	33,545 (250)	39,314 (—)	41,291 (—)	58,510 (—)	52,403 (657)	63,568 (—)	98,721 (—)	77,396 (—)
1993	39,961 (294)	20,951 (541)	26,348 (381)	33,504 (385)	38,574 (359)	42,774 (514)	58,228 (845)	52,178 (756)	63,933 (1,021)	89,636 (3,633)	73,996 (1,935)
1994	40,151 (320)	21,329 (633)	25,781 (397)	34,293 (416)	39,375 (601)	40,906 (622)	58,663 (363)	52,602 (593)	64,165 (1,131)	92,579 (3,000)	75,925 (2,543)
1995	40,208 (169)	20,275 (670)	25,642 (467)	34,663 (208)	39,331 (515)	41,911 (491)	58,058 (342)	51,748 (517)	68,298 (1,067)	97,300 (3,744)	80,397 (3,795)
1996	40,471 (164)	21,286 (694)	27,283 (514)	34,443 (189)	39,663 (323)	41,954 (854)	58,978 (833)	53,644 (939)	68,070 (851)	93,803 (4,693)	84,119 (3,984)
1997	41,185 (316)	21,056 (652)	26,030 (594)	34,200 (184)	40,129 (316)	43,758 (586)	61,413 (457)	55,852 (379)	67,628 (920)	102,932 (13,152)	81,572 (2,724)
1998	42,875 (153)	21,717 (472)	26,613 (569)	35,275 (412)	41,693 (618)	44,262 (488)	63,995 (467)	56,324 (768)	70,418 (733)	106,303 (40,221)	86,835 (4,202)
1999	42,227 (160)	21,381 (387)	25,809 (448)	35,279 (470)	41,485 (321)	43,146 (473)	63,628 (312)	57,937 (589)	70,266 (1,549)	102,240 (21,425)	82,534 (2,516)
2000	41,617 (104)	21,361 (235)	26,209 (251)	34,723 (299)	41,045 (214)	42,776 (561)	62,223 (279)	55,929 (335)	70,899 (687)	100,000 (—)	86,965 (3,013)
2001											
Women	28,959 (—)	16,600 (—)	19,551 (—)	24,822 (—)	30,118 (—)	— (—)	41,161 (—)	37,963 (—)	— (—)	— (—)	— (—)
1990	28,662 (—)	15,689 (—)	18,796 (—)	24,492 (—)	30,118 (—)	32,507 (—)	40,712 (—)	37,811 (—)	45,444 (—)	60,778 (—)	56,307 (—)
1991	29,208 (201)	16,357 (—)	18,378 (—)	24,523 (222)	29,231 (—)	32,345 (—)	40,777 (—)	38,280 (371)	45,489 (—)	58,390 (—)	57,800 (—)
1992	28,960 (203)	15,216 (—)	18,857 (—)	24,467 (212)	28,258 (—)	31,722 (—)	42,047 (—)	38,235 (380)	47,323 (—)	61,539 (—)	57,907 (—)
1993	29,157 (197)	14,854 (510)	18,084 (392)	24,346 (189)	28,099 (391)	30,998 (353)	42,277 (335)	37,931 (375)	47,151 (724)	60,485 (2,574)	61,088 (3,451)
1994	28,907 (186)	15,777 (569)	18,390 (340)	23,780 (188)	27,886 (318)	31,737 (497)	40,974 (364)	37,246 (317)	46,789 (646)	58,104 (2,942)	55,943 (2,758)
1995	29,131 (148)	16,270 (631)	19,136 (376)	23,901 (161)	28,407 (301)	31,699 (594)	41,155 (334)	37,841 (493)	47,296 (637)	65,043 (4,103)	63,511 (3,725)
1996	29,764 (148)	15,626 (543)	18,424 (370)	24,349 (163)	29,059 (321)	31,792 (728)	41,972 (531)	39,038 (326)	49,598 (924)	67,365 (5,227)	58,524 (4,001)
1997	30,374 (216)	15,718 (466)	17,908 (350)	24,751 (276)	29,792 (294)	32,513 (557)	43,228 (443)	39,721 (331)	49,200 (826)	62,545 (1,852)	62,796 (2,044)
1998	30,662 (230)	16,050 (523)	18,087 (317)	24,514 (297)	29,506 (392)	32,868 (338)	44,378 (292)	40,388 (653)	51,128 (916)	63,679 (4,761)	63,865 (3,327)
1999	31,190 (142)	16,248 (336)	18,429 (446)	25,681 (243)	29,514 (374)	31,955 (316)	43,921 (451)	41,565 (292)	51,566 (756)	60,635 (3,653)	58,705 (3,084)
2000	31,356 (91)	16,691 (255)	19,156 (359)	25,303 (132)	30,418 (186)	32,153 (231)	44,776 (367)	40,994 (231)	50,669 (328)	61,748 (3,976)	62,123 (2,228)
2001											
Number of persons with income (in thousands)											
Men	44,406 (269)	2,250 (74)	3,315 (89)	16,394 (188)	9,113 (145)	— (—)	13,334 (172)	7,569 (133)	— (—)	— (—)	— (—)
1990	44,199 (268)	1,807 (66)	3,083 (86)	15,025 (181)	8,034 (136)	2,899 (84)	13,350 (172)	8,456 (140)	3,073 (86)	1,147 (53)	674 (41)
1991	44,752 (269)	1,815 (66)	3,009 (85)	14,722 (179)	8,067 (137)	3,203 (88)	13,937 (175)	8,719 (142)	3,178 (87)	1,295 (56)	745 (43)
1992	45,873 (271)	1,790 (66)	3,083 (86)	14,604 (179)	8,493 (140)	3,557 (92)	14,346 (177)	9,178 (145)	3,131 (87)	1,231 (55)	808 (45)
1993	47,566 (273)	1,895 (68)	3,057 (86)	15,109 (182)	8,783 (142)	3,735 (95)	14,987 (181)	9,636 (148)	3,225 (88)	1,258 (55)	868 (46)
1994	48,500 (324)	1,946 (72)	3,335 (93)	15,331 (196)	9,808 (151)	3,926 (101)	15,054 (194)	9,597 (157)	3,395 (94)	1,208 (56)	853 (47)
1995	49,764 (340)	2,041 (76)	3,441 (99)	15,840 (207)	9,173 (159)	3,931 (105)	15,339 (204)	9,898 (165)	3,272 (96)	1,277 (60)	893 (51)
1996	50,807 (343)	1,914 (74)	3,548 (100)	16,225 (209)	9,170 (159)	4,086 (107)	15,864 (207)	10,349 (169)	3,228 (96)	1,321 (61)	966 (53)
1997	52,381 (347)	1,870 (73)	3,613 (101)	16,442 (210)	9,375 (161)	4,347 (111)	16,733 (212)	11,058 (174)	3,414 (98)	1,264 (60)	998 (53)
1998	53,062 (348)	1,993 (75)	3,295 (97)	16,589 (211)	9,684 (164)	4,359 (111)	17,142 (214)	11,142 (175)	3,725 (103)	1,267 (60)	1,008 (54)
1999	54,065 (351)	1,968 (75)	3,354 (97)	16,834 (213)	9,792 (164)	4,729 (115)	17,387 (216)	11,395 (177)	3,680 (102)	1,274 (60)	1,038 (54)
2000	54,013 (351)	2,207 (79)	3,503 (100)	16,314 (209)	9,494 (162)	4,714 (115)	17,780 (218)	11,479 (177)	3,961 (106)	1,298 (61)	1,041 (55)
2001											
Women	28,636 (235)	847 (46)	1,861 (67)	11,810 (163)	6,462 (123)	— (—)	7,655 (133)	4,704 (106)	— (—)	— (—)	— (—)
1990	29,474 (237)	733 (42)	1,819 (67)	10,959 (157)	5,633 (115)	2,523 (78)	7,807 (135)	5,263 (112)			

Table 389. Distribution of money income and median income of persons 25 years old and over, by highest level of educational attainment and sex: 2001

Sex and income	Total	Less than 9th grade	Some high school (no completion)	High school completion (includes equivalency)	College							
					Some college, no degree	Associate degree	Bachelor's or higher degree					
							Total	Bachelor's degree	Master's degree	Professional degree	Doctor's degree	
1	2	3	4	5	6	7	8	9	10	11	12	
Number of men and women, in thousands												
Men and women, 25 years old and over												
Total	182,144	12,570	16,378	58,456	30,991	15,051	48,696	32,282	11,487	2,737	2,190	
With income	172,464	11,005	14,797	54,899	29,761	14,529	47,473	31,383	11,272	2,678	2,141	
Percentage distribution of men and women with income												
Total annual income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
\$1 to \$4,999 or loss	8.2	12.1	11.4	8.4	8.2	7.4	6.5	7.4	5.0	4.4	2.9	
\$5,000 to \$9,999	11.5	30.6	22.8	13.5	9.1	7.4	4.2	4.9	3.0	2.2	2.1	
\$10,000 to \$14,999	11.0	21.7	18.6	13.3	9.8	8.8	4.9	5.5	3.8	3.4	4.0	
\$15,000 to \$19,999	9.6	13.5	13.8	12.0	10.1	8.1	4.9	5.3	3.9	4.5	3.2	
\$20,000 to \$24,999	9.0	8.2	10.7	11.3	10.0	9.0	5.3	5.9	4.3	3.1	4.5	
\$25,000 to \$29,999	7.8	4.6	6.8	9.4	9.2	9.4	5.7	6.5	4.6	3.7	2.7	
\$30,000 to \$34,999	7.4	3.0	4.6	8.0	8.7	8.9	7.4	8.4	6.5	3.8	3.1	
\$35,000 to \$39,999	6.0	2.2	3.5	5.8	7.1	8.1	6.6	7.2	6.0	3.4	4.5	
\$40,000 to \$49,999	8.9	1.8	3.4	7.6	10.0	11.8	12.0	12.0	13.2	8.2	9.4	
\$50,000 to \$74,999	11.5	1.5	3.1	7.6	11.5	14.3	20.2	19.3	24.1	14.3	19.8	
\$75,000 to \$99,999	4.5	0.4	0.7	1.8	3.7	4.3	10.3	8.7	12.3	15.2	16.6	
\$100,000 or more	4.5	0.3	0.6	1.3	2.6	2.5	12.2	8.8	13.4	33.7	27.3	
Median income	\$25,309	\$11,379	\$14,125	\$21,056	\$26,273	\$29,916	\$42,607	\$38,855	\$49,627	\$71,806	\$63,952	
Standard error	70	101	144	89	149	268	238	291	501	2,034	1,798	
Number of men, in thousands												
Men, 25 years old and over												
Total	86,996	6,200	7,894	26,947	14,661	6,466	24,828	15,925	5,595	1,795	1,514	
With income	84,389	5,809	7,421	25,954	14,340	6,352	24,512	15,723	5,522	1,779	1,488	
Percentage distribution of men with income												
Total annual income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
\$1 to \$4,999 or loss	3.5	6.1	6.0	3.4	3.6	2.8	2.4	2.6	2.2	2.2	1.8	
\$5,000 to \$9,999	6.9	23.4	14.1	7.3	5.4	3.2	2.3	2.7	1.5	1.3	1.9	
\$10,000 to \$14,999	8.7	21.8	16.1	10.2	7.0	5.4	3.5	3.8	2.7	3.0	3.7	
\$15,000 to \$19,999	8.3	16.6	15.3	9.9	7.6	4.9	3.7	4.1	2.8	4.1	2.8	
\$20,000 to \$24,999	8.8	10.9	14.0	11.2	8.8	7.6	4.4	5.0	3.5	2.0	4.4	
\$25,000 to \$29,999	8.3	7.2	9.4	10.7	9.3	9.2	4.8	5.6	3.7	2.8	2.6	
\$30,000 to \$34,999	8.1	4.5	7.1	10.0	9.8	9.1	6.0	7.1	4.5	2.6	3.1	
\$35,000 to \$39,999	6.8	3.3	5.4	7.8	8.3	9.1	5.6	6.4	4.3	3.5	3.7	
\$40,000 to \$49,999	10.9	2.9	5.8	11.5	13.2	15.4	11.3	12.3	10.8	6.9	7.9	
\$50,000 to \$74,999	15.5	2.2	4.8	12.6	16.9	21.7	22.6	23.2	24.9	14.2	17.6	
\$75,000 to \$99,999	6.8	0.7	1.2	3.0	5.9	7.1	14.5	12.9	17.5	16.8	17.0	
\$100,000 or more	7.3	0.4	0.9	2.2	4.2	4.5	18.9	14.2	21.5	40.5	33.4	
Median income	\$32,494	\$14,594	\$19,434	\$28,343	\$33,777	\$38,870	\$54,069	\$49,985	\$61,960	\$81,602	\$72,642	
Standard error	133	219	249	203	374	574	446	380	535	998	2,322	
Number of women, in thousands												
Women, 25 years old and over												
Total	95,146	6,370	8,484	31,509	16,330	8,585	23,868	16,357	5,893	942	676	
With income	88,075	5,196	7,376	28,945	15,420	8,177	22,961	15,660	5,749	899	653	
Percentage distribution of women with income												
Total annual income	100.0	100.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
\$1 to \$4,999 or loss	12.7	18.9	16.8	12.9	12.4	11.0	10.7	12.2	7.6	8.6	5.5	
\$5,000 to \$9,999	15.9	38.6	31.5	18.9	12.6	10.6	6.2	7.1	4.4	4.1	2.5	
\$10,000 to \$14,999	13.3	21.6	21.2	16.1	12.4	11.4	6.4	7.3	4.8	4.1	4.6	
\$15,000 to \$19,999	10.9	10.0	12.3	13.8	12.4	10.6	6.1	6.6	4.9	5.4	4.0	
\$20,000 to \$24,999	9.2	5.2	7.3	11.4	11.2	10.0	6.2	6.8	5.0	5.2	4.6	
\$25,000 to \$29,999	7.4	1.7	4.2	8.2	9.1	9.6	6.7	7.4	5.5	5.5	3.0	
\$30,000 to \$34,999	6.8	1.4	2.2	6.3	7.7	8.7	9.0	9.6	8.4	6.0	3.2	
\$35,000 to \$39,999	5.2	0.9	1.5	4.0	6.0	7.3	7.6	7.9	7.7	3.3	6.2	
\$40,000 to \$49,999	6.8	0.7	1.0	4.1	7.0	9.0	12.7	11.8	15.5	10.8	12.7	
\$50,000 to \$74,999	7.7	0.8	1.3	3.1	6.4	8.5	17.7	15.5	23.3	14.6	24.7	
\$75,000 to \$99,999	2.3	0.1	0.3	0.7	1.6	2.1	5.8	4.5	7.3	12.2	15.5	
\$100,000 or more	1.8	0.2	0.3	0.5	1.2	1.0	4.9	3.4	5.7	20.2	13.4	
Median income	\$18,549	\$8,846	\$10,330	\$15,665	\$20,101	\$22,638	\$33,842	\$30,973	\$40,744	\$46,635	\$52,181	
Standard error	96	121	128	105	174	342	285	178	344	1,892	1,866	

NOTE: Includes money income from all sources, including earnings, pensions, social security, investments, and public assistance. Excludes noncash benefits. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, March 2002, previously unpublished tabulations. (This table was prepared August 2003.)

Table 390. Participation of young adults in voluntary or community service activities, by selected characteristics: 1994

Young adult characteristic	Percent participating in voluntary or community service activity										Percentage distribution of volunteer hours per week				
	Any activity	Sports teams or clubs ¹	Church activities	Union, farm, trade, or professional associations	Educational organizations	Youth organizations	Political clubs	Organized volunteer work ²	Other voluntary group	None ³	1 or 2 hours	3 or 4 hours	5 or 6 hours	More than 6 hours	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Total	37.2	7.2	11.8	1.8	6.0	10.3	3.0	10.4	7.3	62.7	15.2	7.9	5.8	8.3	
Sex															
Male	36.8	9.5	11.1	1.9	4.6	11.2	2.9	8.3	7.3	63.2	14.7	7.7	5.6	8.8	
Female	37.9	4.9	12.7	1.6	7.1	9.4	3.2	12.6	7.3	62.2	15.8	8.2	6.1	7.9	
Race/ethnicity															
White, non-Hispanic	38.5	7.5	11.3	2.0	5.8	10.3	3.1	11.6	7.8	61.5	17.1	8.0	5.5	7.9	
Black, non-Hispanic	35.9	6.3	15.8	1.1	6.4	11.5	3.1	5.8	6.2	64.1	9.6	8.1	7.7	10.6	
Hispanic	31.7	6.3	11.2	0.8	6.5	9.6	2.3	6.7	5.4	68.4	9.8	7.3	6.0	8.5	
Asian/Pacific Islander	35.8	5.7	10.5	1.4	7.1	8.1	3.4	13.0	8.4	64.2	14.9	8.7	4.3	8.0	
American Indian/Alaska Native ...	34.1	12.1	14.6	3.6	6.1	11.9	3.8	5.1	3.9	65.9	8.7	6.3	8.1	11.1	
Socioeconomic status quartile ⁴															
Low	26.4	5.0	10.4	0.9	4.0	7.4	1.5	5.9	5.0	73.6	8.2	5.8	4.5	7.9	
Low-middle	30.4	6.3	10.8	1.3	3.9	8.3	2.1	7.1	6.3	69.6	11.0	6.0	5.9	7.5	
High-middle	38.6	7.0	13.0	2.0	5.8	10.9	3.3	9.2	7.5	61.4	16.9	7.9	6.1	7.8	
High	51.1	9.2	14.7	2.7	9.7	14.2	4.9	18.0	10.3	48.9	24.6	11.4	5.9	9.2	

¹ Participating as a volunteer to help as a coach or other support activity, not as a player.

² E.g., hospital volunteer.

³ Not a volunteer.

⁴ Socioeconomic status (SES) was measured by a composite score on parental education and occupations, and family income.

NOTE: Sample survey in 1994 based on people who were high school seniors in spring 1992. Respondents to the survey were asked about their voluntary participation in selected organizations over the previous 12-month period. Some persons participated in more than one organization. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The National Education Longitudinal Study of 1988 (NELS:88/94), "Third Follow-up, 1994." (This table was prepared July 1995.)

Table 391. Literacy skills of adults, 16 years old and over, by type of literacy, proficiency levels, and selected characteristics: 1992

Selected characteristic	Prose literacy ¹							Document literacy ²							Quantitative literacy ³						
	Average score	Percent of adults with proficiency at level						Average score	Percent of adults with proficiency at level						Average score	Percent of adults with proficiency at level					
		1	2	3	4	5	6		7	3	17	32	17	3		267	23	28	31	15	12
1	2	21	27	32	17	3	8	23	28	31	15	3	271	22	25	31	17	18	19	4	5
Total	272	21	27	32	17	3	267	23	28	31	15	3	271	22	25	31	17	18	19	4	5
Sex																					
Male	272	22	26	31	18	4	269	23	27	31	17	3	277	21	23	31	20				5
Female	273	20	28	33	17	3	265	23	30	31	14	2	266	23	28	31	15				3
Age																					
16 to 18 years old	271	16	35	38	11	1	274	15	34	38	12	1	268	20	35	33	12				1
19 to 24 years old	280	14	29	37	18	2	280	14	29	37	18	2	277	16	28	37	16				2
25 to 39 years old	284	15	24	34	22	5	282	16	25	35	21	4	283	17	23	33	21				5
40 to 54 years old	286	15	23	34	22	5	278	17	27	33	19	3	286	16	22	33	23				6
55 to 64 years old	260	26	31	30	12	1	249	30	34	26	8	1	261	25	30	30	13				2
65 years old and older	230	44	32	19	5	1	217	53	32	13	2	#	227	45	26	20	7				2
Race/ethnicity																					
White, non-Hispanic	286	14	25	36	21	4	280	16	27	34	19	3	287	14	24	35	21				5
Black, non-Hispanic	237	38	37	21	4	#	230	43	36	18	3	#	224	46	34	17	3				#
Asian or Pacific Islander	242	36	25	25	12	2	245	34	25	28	12	2	256	30	23	27	16				4
American Indian/Alaska Native	254	25	39	28	7	1	254	27	37	29	7	#	250	33	32	28	7				1
Hispanic, Mexican	206	54	25	16	5	#	205	54	25	16	4	#	205	54	25	17	4				#
Hispanic, Cuban	211	53	24	17	6	1	212	48	30	16	4	2	223	46	20	25	6				3
Hispanic, Puerto Rican	218	47	32	17	3	#	215	49	29	18	3	#	212	51	28	17	3				1
Hispanic, Central/South American	207	56	22	17	4	#	206	53	25	16	4	#	203	53	25	18	4				#
Hispanic, other	260	25	27	33	13	2	254	28	26	32	12	2	246	31	25	31	11				1
Highest level of education																					
Still in high school	271	16	36	37	11	#	274	15	35	38	12	1	269	19	35	32	12				1
0 to 8 years, not enrolled	177	75	20	4	#	#	170	79	18	3	#	#	169	76	18	5	1				#
9 to 12 years, not enrolled	231	42	38	17	2	2	227	46	37	15	2	#	227	45	34	17	3				#
GED	268	14	39	39	7	#	264	17	42	34	7	#	268	16	38	35	10				1
High school diploma	270	16	36	37	10	1	264	20	38	33	9	1	270	18	33	37	12				1
Some college	294	8	23	45	22	3	290	9	27	42	20	2	295	8	23	42	23				4
Associate degree	308	4	19	41	32	4	299	6	23	43	25	3	307	4	19	43	29				5
Bachelor's degree	322	4	11	35	40	10	314	4	15	37	36	8	322	4	12	35	38				12
Graduate studies/degree	336	2	7	28	47	16	326	3	10	34	41	12	334	2	9	30	42				17
Region																					
Northeast	270	22	28	31	16	3	264	24	29	30	14	2	267	24	25	31	16				4
Midwest	279	16	28	35	18	3	274	19	30	33	16	2	280	17	26	34	19				4
South	267	23	28	30	15	3	262	26	29	29	14	2	265	25	27	29	15				4
West	276	20	23	33	21	4	271	22	24	32	18	3	276	20	22	32	20				5
Prison population	246	31	37	26	6	#	240	33	38	25	4	#	236	40	32	22	6				1

Rounds to zero.
¹Prose literacy is the ability to understand and use information contained in various kinds of textual material. A level 1 task rated 0 to 225 requires the reader to locate a single piece of information in a short text. A level 2 task rated 226 to 275 requires the reader to locate a single piece of information in the text with several distractors or to make low-level inferences. A level 3 task rated 276 to 325 requires the reader to make literal or synonymous matches between the text and information given in the task, or to make low-level inferences. A level 4 task rated 326 to 375 requires the reader to perform multiple-feature matches and to integrate or synthesize information from complex passages. A level 5 task rated 376 to 500 requires the reader to search for information in dense text which contains a number of distractors. Adults at each performance level can perform the tasks below their level, but not all the tasks at their own level.
²Document literacy reflects the knowledge and skills used to process information from documents. A level 1 task rated 0 to 225 requires the reader to locate pieces of information based on a literal match. A level 2 task rated 226 to 275 requires the reader to match a single piece of information among several distractors. A level 3 task rated 276 to 325 requires the reader to integrate multiple pieces of information from one or more documents. A level 4 task rated 326 to 375 requires the performance of multiple-feature matches, cycling through documents, and integrating information.
³Quantitative literacy is the ability to perform numerical operations in everyday life. A level 1 task rated 0 to 225 requires the reader to perform a single, relatively simple, arithmetic operation. A level 2 task rated 226 to 275 requires the reader to perform a single operation using numbers that are either stated in the task or easily located in the material. A level 3 task rated 276 to 325 requires the reader to use two or more numbers to solve the problem. A level 4 task rated 326 to 375 requires the reader to perform two or more sequential operations or a single operation in which the quantities are found in different types of displays. A level 5 task rated 376 to 500 requires the reader to perform multiple operations sequentially. They must extract the features of the problem from text or rely on background knowledge to determine the quantities or operations needed. Adults at each performance level can perform the tasks below their level, but not all the tasks at their own level.
 NOTE: Detail may not sum to totals due to rounding.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, National Adult Literacy Survey, *Adult Literacy in America, 1992*, prepared by Educational Testing Service. (This table was prepared February 1994.)

Table 392. Percent of 18- to 25-year-olds reporting drug use during the past 30 days or the past year: Selected years, 1982 to 2001

Drug	1982	1985	1988	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Percent reporting drug use during past 30 days															
Any illicit drug use ¹	—	25.3	17.9	15.0	15.4	13.1	13.6	13.3	14.2	15.6	14.7	16.1	16.4	15.9 (0.4)	18.8 (0.4)
Marijuana	27.2	21.7	15.3	12.7	12.9	10.9	11.1	12.1	12.0	13.2	12.8	13.8	14.2	13.6 (0.3)	16.0 (0.4)
Cocaine	7.0	8.1	4.8	2.3	2.2	2.0	1.6	1.2	1.3	2.0	1.2	2.0	1.7	1.4 (0.1)	1.9 (0.1)
Alcohol	66.6	70.1	64.7	62.8	63.1	58.6	58.7	63.1	61.3	60.0	58.4	60.0	57.2	56.8 (0.5)	58.8 (0.5)
Cigarettes	—	47.4	45.6	40.9	41.7	41.5	37.9	34.6	35.3	38.3	40.6	41.6	39.7	38.3 (0.5)	39.1 (0.5)
Percent reporting drug use during past year															
Any illicit drug use ¹	—	37.4	29.1	26.1	26.6	24.1	24.2	24.6	25.5	26.8	25.3	27.4	29.1	27.9 (0.5)	31.9 (0.5)
Marijuana	37.4	34.0	26.1	23.0	22.9	21.2	21.4	21.8	21.8	23.8	22.3	24.1	24.5	23.7 (0.4)	26.7 (0.5)
Cocaine	15.9	13.6	10.5	6.5	6.7	5.5	4.4	3.6	4.3	4.7	3.9	4.7	5.2	4.4 (0.2)	5.7 (0.2)
Alcohol	80.6	84.2	79.6	78.1	80.7	75.6	76.9	78.5	76.5	75.3	75.1	74.2	74.8	74.5 (0.5)	75.4 (0.4)
Cigarettes	—	49.9	50.9	45.1	46.9	46.8	43.7	41.1	42.5	44.7	45.9	47.1	47.5	45.8 (0.5)	46.8 (0.5)

—Not available.

¹ Includes use of other drugs not shown separately.

NOTE: Marijuana includes hashish usage for 1996 and later years. Some estimates from 1982 have been revised and may differ from previously published figures. Data for 1999 through 2001 were gathered using Computer Assisted Interviewing (CAI) and may

not be directly comparable to previous years. Data for 1999 have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, "National Household Survey on Drug Abuse: Main Findings," various years. (This table was prepared June 2003.)

Table 393. Percent of 1972 and 1992 high school seniors who felt that certain life values were "very important," by sex: Selected years, 1972 to 1994

Value	Percent of 1972 seniors						Percent of 1992 seniors				
	1972		1974 (2 years after high school)		1976 (4 years after high school)		1992		1994 (2 years after high school)		
	Male	Female	Male	Female	Male	Female	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12
Being successful in work	86.5	83.0	81.2	74.9	80.3	69.7	89.0	89.6	90.1	89.9	90.3
Finding steady work	82.3	73.7	74.7	59.9	79.3	62.1	87.1	88.6	89.7	88.7	90.7
Having lots of money	26.0	9.8	17.8	9.1	17.7	9.4	45.3	29.4	35.2	39.5	30.9
Being a leader in the community	14.9	8.0	8.5	4.4	9.2	4.2	—	—	—	—	—
Correcting inequalities	22.5	31.1	16.6	18.2	16.2	17.1	17.0	23.6	—	—	—
Having children	—	—	—	—	—	—	39.0	49.2	—	—	—
Having a happy family life	78.6	85.7	83.1	86.7	84.2	86.4	—	—	—	—	—
Providing better opportunities for my children	66.6	66.2	59.5	61.6	59.8	58.8	74.5	76.5	90.5	90.3	90.8
Living closer to parents or relatives	6.8	8.2	8.3	12.4	7.7	11.9	15.2	18.7	—	—	—
Moving from area	14.3	14.6	8.3	7.4	6.7	6.4	20.7	20.1	—	—	—
Having strong friendships	81.2	78.7	76.5	74.7	76.1	72.1	79.8	80.0	87.6	88.1	87.0
Having leisure time	—	—	60.9	55.1	65.4	60.1	65.3	62.0	—	—	—

—Not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Longitudinal Study of the High School Class of 1972, "Base Year (NLS:72)," "Sec-

ond Follow-up (NLS:72/74)," and "Third Follow-up (NLS:72/76)," and The National Education Longitudinal Study of 1988 (NELS:88/92) and (NELS:88/94), "Second Follow-up, Student Survey, 1992," and "Third Follow-up, 1994." (This table was prepared June 1995.)

CHAPTER 6

International Comparisons of Education

This chapter offers a broad perspective on education across the nations of the world. It also provides an international context for examining the condition of education in the United States. Insights into the educational practices and outcomes of the United States are obtained by comparing them with those of other countries. The National Center for Education Statistics (NCES) carries out a variety of these activities to provide statistical data for international comparisons of education.

This chapter presents data drawn from materials prepared by the United Nations Educational, Scientific, and Cultural Organization (UNESCO), the Institute of International Education, the Organization for Economic Cooperation and Development (OECD), and the International Association for the Evaluation of Educational Achievement (IEA). The basic summary data on enrollments, teachers, enrollment ratios, and finances were synthesized from information appearing in *Education at a Glance* published by OECD. Even though OECD tabulations are very carefully prepared, international data users should be cautioned about the many problems of definition and reporting involved in the collection of data about the educational systems in the world (See OECD entry in Guide to Sources).

This chapter also presents data from the 1994–95 Trends in International Mathematics and Science Study (TIMSS) and 1999 Trends in International Mathematics and Science Study–Repeat (TIMSS–R), carried out under the aegis of the International Association for the Evaluation of Educational Achievement (IEA), and supported by NCES and the National Science Foundation. These surveys were formerly known as the Third International Mathematics and Science Study. Data in 1994–95 were collected for the two grades that contained the most 9-year-olds (Population 1) and the two grades that contained the most 13-year-olds (Population 2). The mathematics and science performance of 4th-grade students in 26 countries, and 8th-grade students in 41 countries, was studied through assessments administered during 1994–95. The mathematics and science performance of students at the end of secondary schooling (12th-grade in the United States) was also assessed at the same time in 21 countries. TIMSS–R is a successor to the 1994–95 TIMSS and focuses on the

mathematics and science achievement of 8th-grade students in participating nations. It provides a second data point in a regular cycle of international assessments of mathematics and science that are planned to chart trends in achievement over time.

This chapter includes additional information on performance scores of 15-year-olds in the areas of reading, mathematics, and science literacy from the Program for International Student Assessment (PISA). PISA also measures general or cross-curricular competencies such as learning strategies. While this study focuses on OECD countries, data from some non-OECD countries are also provided.

The role that the United States plays in the world of higher education is illuminated by data on foreign students enrolled in U.S. institutions of higher education. The Institute of International Education provides estimates of the number of foreign students and their countries of origin.

Further information on survey methodologies is in the Guide to Sources in the appendix and in the publications cited in the source notes.

Population

The percent of young people in a population can influence the proportion of national income spent per student (table 396). Among the OECD countries, Turkey had the largest percentage of young people ages 5 to 14 (21 percent in 1999). The closest followers were Iceland (16), Ireland (15), New Zealand (15), and the United States (15). Countries with relatively small numbers of persons in this age group included Italy, Japan, and Spain at 10 percent.

Enrollments

In 1997, about 1.2 billion students were enrolled in schools around the world (table 394). Of these students, 668 million were in elementary-level programs, 398 million were in secondary programs, and 88 million were in higher education programs. Between 1990 and 1997, enrollment changes varied from region to region. Changes in elementary enrollment ranged from increases of 24 percent in Africa, 17 percent in Oceania, 13 percent in Central and South America, 12 percent in Asia, and 8 percent in Northern America (defined in UNESCO tabulations as in-

cluding the United States, Canada, and Greenland) to a 5 percent decrease in Europe. Over the same period, enrollment increases at the secondary level outpaced increases at the primary (elementary) level, especially in Africa (38 percent), Oceania (68 percent), Asia (31 percent), and Central and South America (31 percent). Secondary-level enrollment increased in Europe by 10 percent. Enrollment in Northern America rose by 15 percent.

At the postsecondary level, developing areas of the world also had substantial increases in enrollment between 1990 and 1997 (tables 394 and figure 27). Postsecondary enrollment rose by 68 percent in Africa and by 49 percent in Asia. Postsecondary enrollment in Oceania increased by 99 percent, Central and South America increased by 30 percent, followed by Europe at 15 percent and Northern America at 3 percent. These increases are due to growth both in the proportion of the people attending postsecondary institutions and increases in the populations.

Postsecondary enrollment varied among countries partially due to differing definitions of postsecondary education and at what age it begins (table 397). In 1999, among the OECD countries, Greece reported the highest proportion of 18- to 21-year-olds enrolled in postsecondary education at 54 percent, followed by Korea (51 percent), Belgium (42 percent), the United States (36 percent), and France (35 percent). In the 22 to 25 year old age group, Finland's enrollment rate was highest at 35 percent, with Norway following at 28 percent, Denmark at 27 percent, Korea at 26 percent, and Sweden at 25 percent.

In 2001–02, there were about 583,000 foreign students studying at U.S. colleges and universities (table 417). Approximately 56 percent of these students were from Asian countries. Between 1990 and 2001, the proportion of students at U.S. colleges who were nonresident aliens rose from 2.8 to 3.5 percent (table 209).

Achievement

In 1999, U.S. 8th-graders exceeded the international average of 38 nations in mathematics and science (tables 403 and 409). In mathematics, U.S. 8th-grade students outperformed their peers in 17 nations (ranking not shown), performed no different than their peers in 6 nations, and performed lower than their peers in 14 nations in 1999 (table 403). In science, U.S. 8th-grade students outperformed their peers in 18 nations (ranking not shown), performed no different than their peers in 5 nations, and performed lower than their peers in 14 nations in 1999 (table 409).

On the combined reading literacy scale for PISA 2000, there was no difference detected in the average performance of U.S. 15-year-olds compared to

averages of 15-year-olds in 19 of the 27 participating OECD countries (table 400). The PISA mathematics and science literacy assessments also showed that the U.S. average does not differ from the OECD average. Eight countries outperformed the United States in mathematics literacy (ranking not shown), and seven had higher average scores for science literacy. The United States had higher average scores than seven countries for mathematics literacy and seven for science literacy.

Degrees

Ratios of bachelor's degrees conferred per hundred persons at the typical year of graduation in 2000 ranged from 9 in Denmark and 10 in Switzerland to 38 in the United Kingdom and 36 in Finland and Australia (table 412 and figure 29). The ratio for the United States was 33. In 1996, women had higher bachelor's degree ratios than men in 14 out of 19 countries reporting data.

The percentage of undergraduate degrees awarded in science fields (including natural sciences, mathematics and computer science, and engineering) reported by OECD countries ranged from 11 to 37 percent for 2000 (table 413). Korea, Finland, Germany and France were over 30 percent, while Denmark, Norway, Hungary, the Netherlands, Iceland, Poland, the United States, Portugal, New Zealand, Japan, and Canada were 20 percent or less. The proportion of graduate degrees awarded in science fields also ranged widely across countries in 2000 (table 414). Among the countries with the highest proportions were Japan (52 percent), Korea (48 percent), Switzerland (43 percent), and Sweden (41 percent). Among the countries with the lowest proportions were Poland (3 percent), Hungary (10 percent), Italy (12 percent), the United States (13 percent), and Australia (15 percent).

Finances

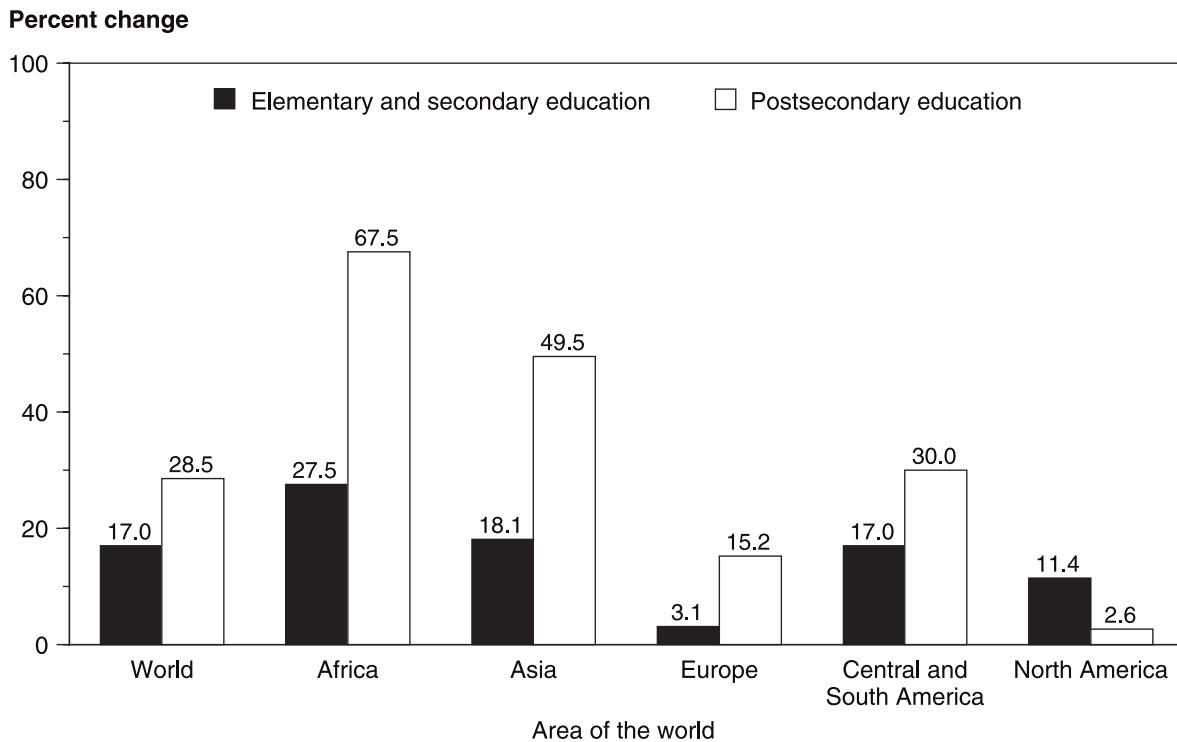
In general, higher income countries spend more public and private funds per student than lower income countries. At the primary level of education, Denmark, the United States, Switzerland, Austria, Norway, and Sweden ranked at the upper end of public per pupil expenditures in 2000 (table 415). For primary education per student, Denmark spent about \$7,074 per student, the United States spent \$6,995, Switzerland spent \$6,631, Austria spent \$6,560, Norway spent \$6,550, and Sweden was \$6,336. At the secondary level, Switzerland, the United States, Austria, and Norway had expenditures over \$8,000 per student. The United States, Switzerland, Canada, and Sweden spent relatively large amounts per student in higher education. The United States spent \$20,358, Switzerland spent \$18,450, Sweden spent

\$15,097, and Canada spent \$14,983. These expenditures were adjusted to U.S. dollars using the purchasing-power-parity (PPP) Index. This index is considered more stable and comparable than using currency exchange rates.

A comparison of public direct expenditures on education as a percent of gross domestic product (GDP) in OECD countries shows that national investment in education in 2000 ranged from 3.5 percent in Turkey,

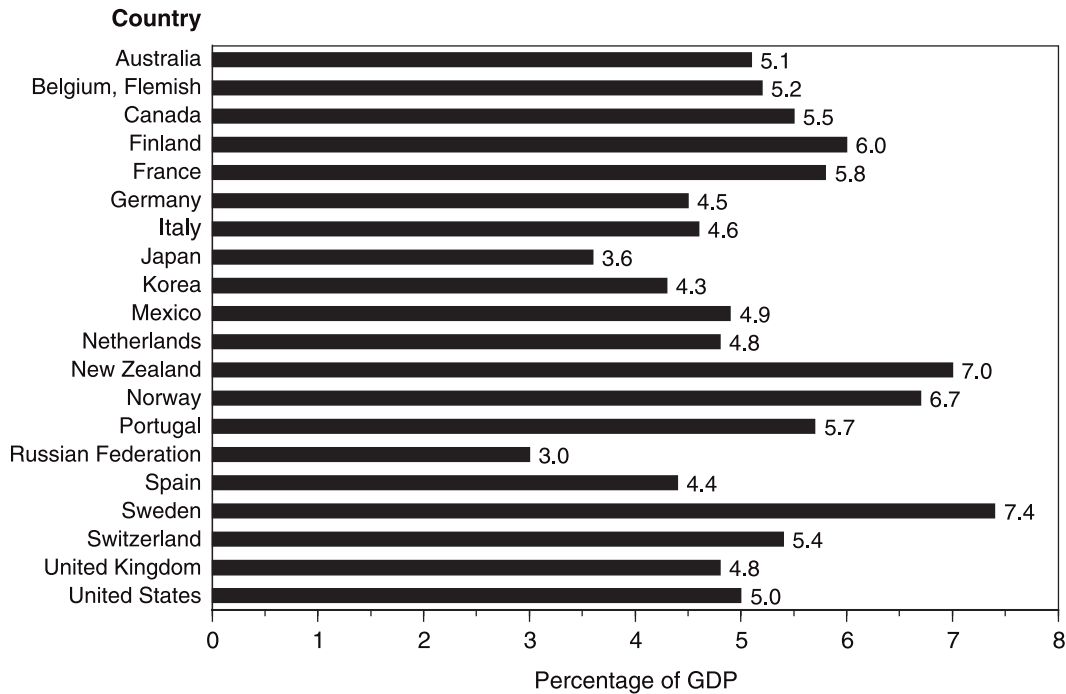
3.6 percent in Japan, and 3.8 percent in Greece to 8.4 percent in Denmark (table 416 and figure 28). Among reporting countries, the average public investment in education in 2000 was 5.2 percent of GDP. In the United States, public expenditures on education as a percent of GDP was 5.0 percent, and in the Russian Federation, a non-OECD country, it was 3.0 percent.

Figure 27. Percent change in enrollment, by selected areas of the world and level of education: 1990 to 1997



SOURCE: United Nations Educational, Scientific, and Cultural Organization, Paris, *Statistical Yearbook*, 1999.

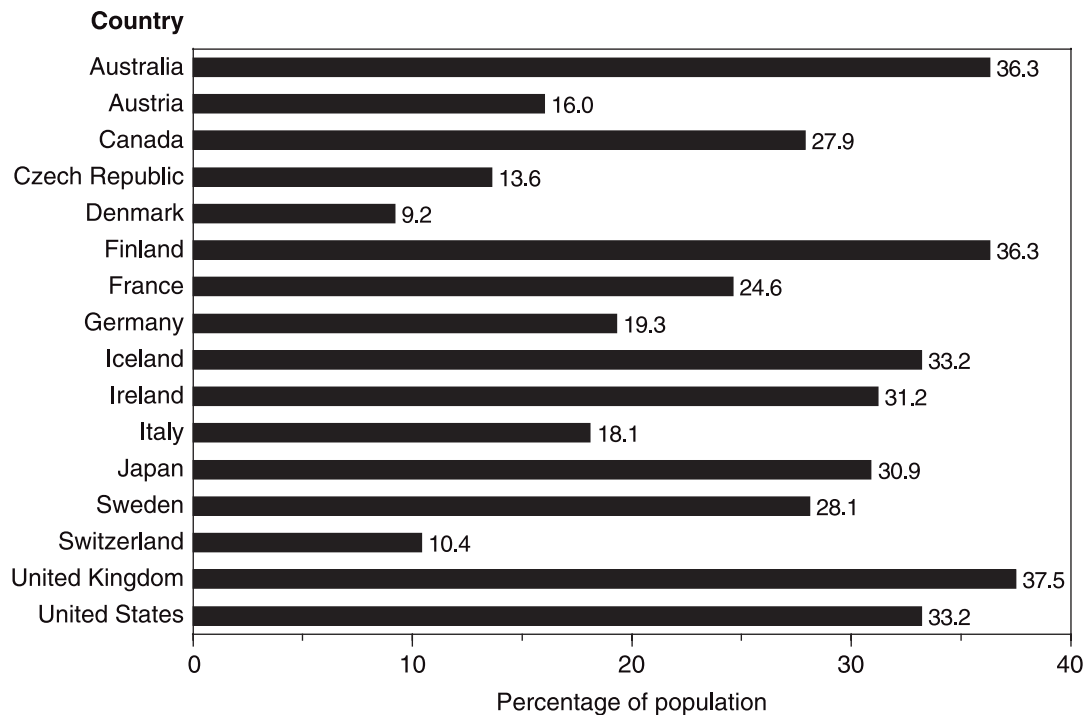
Figure 28. Public direct expenditures for education as a percentage of the gross domestic product: Selected countries, 2000



NOTE: Includes all government expenditures for education institutions, plus public subsidies to households for living costs which are not spent at educational institutions.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance, 2003*.

Figure 29. Bachelor's degree recipients as a percentage of the population of the theoretical age of graduation: Selected countries, 2000



NOTE: Includes graduates of any age.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance, 2002*.

Table 394. Estimated population, school enrollment, and teachers in major areas of the world: Selected years, 1980 to 1997

Item	World total ¹	Major areas of the world					
		Africa ²	Asia ³	Europe ⁴	Central and South America ⁵	Northern America ⁵	Oceania ⁶
1	2	3	4	5	6	7	8
1980							
Population, all ages, ⁷ in thousands	4,447,090	475,714	2,641,312	693,075	359,307	255,109	22,573
Enrollment, all levels, in thousands	856,971	78,036	495,155	131,633	87,291	60,041	4,815
First (primary) level ⁸	541,556	62,134	336,174	52,471	65,414	22,611	2,752
Second level ⁹	264,379	14,360	144,755	62,734	16,969	23,913	1,647
Third level ¹⁰	51,037	1,542	14,227	16,428	4,908	13,516	416
Teachers, all levels, in thousands	38,285	2,338	19,641	8,225	3,730	4,079	272
First (primary) level ⁸	19,044	1,661	10,874	2,541	2,260	1,580	129
Second level ⁹	15,398	584	7,554	4,387	1,083	1,679	112
Third level ¹⁰	3,843	94	1,213	1,297	387	820	31
Public expenditures on education, in millions of U.S. dollars	\$516,400	\$22,900	\$93,800	\$200,600	\$33,500	\$155,100	\$10,400
As a percent of gross national product	4.8	5.3	4.0	¹¹ 5.1	3.8	5.2	5.6
1990							
Population, all ages, ⁷ in thousands	5,281,986	629,389	3,184,342	722,109	437,822	282,020	26,304
Enrollment, all levels, in thousands	980,474	107,871	569,179	131,255	104,968	62,007	5,194
First (primary) level ⁸	596,853	80,640	364,213	48,968	75,505	24,810	2,717
Second level ⁹	315,008	24,378	181,652	63,366	22,194	21,569	1,849
Third level ¹⁰	68,613	2,853	23,314	18,922	7,269	15,628	628
Teachers, all levels, in thousands	47,105	3,791	24,455	9,398	5,131	4,000	330
First (primary) level ⁸	22,626	2,390	12,692	2,812	3,006	1,582	143
Second level ⁹	19,380	1,241	9,947	5,076	1,520	1,449	146
Third level ¹⁰	5,100	160	1,816	1,509	605	969	41
Public expenditures on education, in millions of U.S. dollars	\$986,500	\$25,700	\$199,800	\$367,500	\$44,600	\$330,300	\$18,600
As a percent of gross national product	4.8	5.6	3.7	¹¹ 5.1	4.1	5.4	5.6
1995							
Population, all ages, ⁷ in thousands	5,686,775	719,497	3,437,791	728,034	476,641	296,644	28,168
Enrollment, all levels, in thousands	1,105,367	130,308	646,855	137,836	116,672	66,511	7,186
First (primary) level ⁸	650,876	95,667	395,725	47,367	82,490	26,500	3,127
Second level ⁹	373,200	30,698	220,333	69,453	25,841	23,984	2,891
Third level ¹⁰	81,291	3,944	30,796	21,016	8,342	16,026	1,167
Teachers, all levels, in thousands	52,081	4,474	26,977	10,104	5,816	4,269	439
First (primary) level ⁸	24,340	2,802	13,515	2,848	3,366	1,649	161
Second level ⁹	21,759	1,468	11,283	5,561	1,703	1,528	217
Third level ¹⁰	5,981	205	2,180	1,696	747	1,092	61
1996							
Population, all ages, ⁷ in thousands	5,767,443	738,740	3,488,028	728,561	484,309	299,250	28,555
Enrollment, all levels, in thousands	1,130,667	134,843	663,394	137,522	120,429	67,122	7,357
First (primary) level ⁸	659,106	98,356	400,405	46,866	83,596	26,736	3,147
Second level ⁹	386,386	32,127	229,981	69,103	27,815	24,355	3,005
Third level ¹⁰	85,175	4,360	33,008	21,554	9,018	16,031	1,204
Teachers, all levels, in thousands	53,081	4,642	27,596	10,107	5,983	4,305	447
First (primary) level ⁸	24,622	2,881	13,630	2,842	3,446	1,661	162
Second level ⁹	22,375	1,538	11,719	5,556	1,785	1,552	224
Third level ¹⁰	6,084	223	2,247	1,709	752	1,093	61
1997							
Enrollment, all levels, in thousands	1,154,721	138,714	679,366	137,645	123,778	67,689	7,528
First (primary) level ⁸	668,450	100,226	406,661	46,304	85,177	26,906	3,176
Second level ⁹	398,116	33,708	237,861	69,547	29,153	24,746	3,101
Third level ¹⁰	88,156	4,780	34,844	21,794	9,448	16,038	1,251
Teachers, all levels, in thousands	54,120	4,754	28,288	10,141	6,138	4,342	456
First (primary) level ⁸	24,818	2,927	13,763	2,814	3,474	1,674	165
Second level ⁹	23,017	1,585	12,185	5,568	1,874	1,577	228
Third level ¹⁰	6,284	242	2,339	1,759	789	1,092	62

—Not available.

¹ Enrollment and teacher data exclude the Democratic People's Republic of Korea.² Excludes Rodrigues and other small islands.³ Includes 5 countries of the former U.S.S.R., the Democratic People's Republic of Korea, Arab states, and both the Asian and the European portions of Turkey.⁴ Includes all countries of the former U.S.S.R. except Kazakhstan, Uzbekistan, Kyrgyzstan, Tajikistan, and Turkmenistan.⁵ Northern America includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and the United States of America. Hawaii is included in Northern America rather than Oceania. Central and South America includes Latin America and the Caribbean.⁶ Includes American Samoa, Australia, Cook Islands, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, Nauru, New Caledonia, New Zealand, Niue, Norfolk Island, Pacific Islands, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, and the Republic of Vanuatu.⁷ Estimate of midyear population.⁸ First level enrollment generally consists of elementary school, grades 1–6.⁹ Second level enrollment includes general education, teacher training (at the second level), and technical and vocational education. This level generally corresponds to secondary education in the United States, grades 7–12.¹⁰ Third level enrollment includes college and university enrollment, and technical and vocational education beyond the high school level. There is considerable variation in reporting from country to country.¹¹ This figure is for Europe, not including the former U.S.S.R.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: United Nations Educational, Scientific, and Cultural Organization, Paris, *Statistical Yearbook, 1999*. (This table was prepared July 2000.)

Table 395. Selected statistics for countries with populations over 10 million, by continent: 1980, 1990, and 1997

Country ¹	Population in millions			Persons per square kilometer in 1997	First level ²					
	1980	1990	1997		Enrollment in thousands			Enrollment ratio ⁵		
					1980	1990	1997	1980	1990	1997
1	2	3	4	5	6	7	8	9	10	11
World total⁶	4,447.1	5,282.0	5,817.2	45	541,556	596,853	668,450	96	99	102
Africa										
Algeria ⁷	18.7	24.9	29.3	12	3,119	4,189	8,675	94	100	⁸ 107
Angola	7.0	9.2	11.7	9	1,301	¹⁰ 990	—	175	92	—
Burkina Faso	6.9	9.1	10.5	38	202	504	⁹ 701	17	33	⁹ 40
Cameroon	8.7	11.5	13.9	30	1,379	1,964	⁸ 1,921	98	101	⁸ 85
Cote d'Ivoire	8.2	11.7	14.2	45	1,025	1,415	⁸ 1,736	75	67	⁸ 71
Democratic Rep of the Congo	27.0	37.4	46.7	21	4,196	4,562	¹⁰ 5,418	92	70	¹⁰ 72
Egypt ⁷	43.7	56.3	60.4	61	4,663	6,964	7,499	73	94	101
Ethiopia	36.4	48.1	59.8	60	2,131	2,466	⁸ 4,008	37	33	⁸ 43
Ghana ⁷	10.8	15.0	18.0	79	¹² 1,378	1,945	¹⁰ 2,155	79	75	¹⁰ 79
Kenya ⁷	16.6	23.5	28.6	50	3,927	5,392	^{9,15} 5,545	115	95	⁹ 85
Madagascar	9.1	12.6	14.2	24	1,724	1,571	⁹ 1,638	130	103	⁹ 92
Malawi	6.2	9.3	10.3	109	810	1,401	⁹ 2,887	60	68	⁹ 134
Mali	6.9	7.9	10.3	8	291	395	863	26	26	49
Morocco ⁷	19.4	24.0	27.3	61	2,172	2,484	⁸ 3,161	83	67	⁸ 86
Mozambique ⁷	12.1	14.2	16.6	21	¹⁹ 1,387	1,260	⁹ 1,415	—	67	⁹ 60
Nigeria ⁷	72.0	96.2	117.7	129	12,117	13,607	¹⁰ 16,191	109	91	¹⁰ 98
South Africa	29.2	37.1	40.7	33	¹⁵ 4,353	6,952	⁹ 8,159	90	122	⁹ 133
Sudan ⁷	18.7	24.1	27.7	12	1,464	2,043	⁸ 3,000	50	53	⁸ 51
Uganda	13.1	16.6	20.3	102	²³ 1,292	^{15,23} 2,470	⁹ 2,912	50	74	⁹ 74
United Republic of Tanzania	18.6	25.5	31.3	35	3,368	3,379	4,058	93	70	66
Zimbabwe	7.1	9.9	11.5	30	1,235	2,116	2,511	85	116	112
Asia										
Afghanistan ⁷	16.1	14.8	24.1	37	1,116	623	⁹ 1,312	34	27	⁹ 49
Bangladesh	88.2	109.8	123.6	950	8,240	11,940	—	61	72	—
Cambodia	6.5	8.7	11.2	64	1,328	1,330	2,012	—	121	113
China	998.9	1,155.3	1,227.2	132	146,270	122,414	139,954	113	125	123
Hong Kong	5.0	5.7	6.5	6568	540	525	⁹ 468	107	102	⁹ 94
India	688.9	850.8	962.4	324	73,873	99,118	⁸ 110,390	83	97	⁸ 100
Indonesia	151.0	182.8	200.4	111	25,537	29,754	⁸ 29,236	107	115	⁸ 113
Iran, Islamic Republic of	39.3	59.2	60.9	38	4,799	9,370	⁸ 9,238	²⁶ 98	112	⁸ 98
Iraq	13.0	18.1	21.9	50	2,616	3,328	⁹ 2,904	113	111	⁹ 85
Japan	116.8	123.5	126.1	335	11,827	9,373	7,855	101	100	101
Kazakhstan	14.9	16.7	15.8	6	1,064	1,197	⁸ 1,342	84	87	⁸ 98
Korea, North (DPR)	17.7	20.4	22.9	190	—	—	—	—	—	—
Korea, South (Republic of)	38.1	42.9	46.0	466	5,658	4,869	3,794	110	105	94
Malaysia	13.8	17.9	21.7	66	2,009	2,456	¹⁵ 2,841	93	94	101
Myanmar	33.8	41.4	43.9	67	4,148	5,385	⁹ 5,414	91	106	⁹ 121
Nepal ⁷	14.5	18.8	22.3	156	1,068	2,789	⁸ 3,448	86	108	⁸ 113
Pakistan	85.3	119.1	128.5	167	²⁸ 5,474	²⁸ 11,451	—	40	61	—
Philippines	48.3	60.8	73.5	247	¹² 8,034	10,427	12,159	112	111	117
Saudi Arabia	9.6	16.0	20.1	9	927	1,877	⁸ 2,256	61	73	⁸ 76
Sri Lanka ⁷	14.8	17.1	18.6	287	2,081	2,112	⁸ 1,844	103	106	⁸ 109
Syrian Arab Republic	8.7	12.4	14.9	81	1,556	2,452	⁸ 2,690	100	108	⁸ 101
Thailand	46.7	55.6	60.6	119	7,393	6,957	5,928	99	99	⁸ 87
Turkey	44.4	56.1	62.5	81	5,656	6,862	⁸ 6,389	96	99	⁸ 107
Uzbekistan	16.0	20.5	23.7	57	1,391	1,778	¹⁰ 1,906	81	81	¹⁰ 78
Viet Nam	53.7	66.7	75.5	232	7,887	8,862	10,431	109	103	113
Yemen	8.2	11.6	16.1	31	—	²¹ 2,679	⁸ 2,700	—	²¹ 79	⁸ 70
Europe										
Belarus ⁷	9.7	10.3	10.3	49	750	615	⁸ 625	104	95	⁸ 98
Belgium	9.9	10.0	10.2	310	842	719	⁹ 743	104	101	⁹ 103
Czech Republic	10.3	10.3	10.3	133	647	546	⁹ 542	96	96	⁹ 104
France	53.9	56.7	58.6	107	4,610	4,149	⁹ 4,005	111	108	⁹ 105
Germany ³¹	78.3	79.4	82.1	235	3,636	3,431	⁸ 3,859	—	101	⁸ 104
Greece	9.6	10.2	10.5	81	901	813	⁸ 652	103	98	⁸ 93
Hungary ⁷	10.7	10.4	10.2	110	1,162	1,131	⁹ 507	96	95	⁹ 103
Italy ⁷	56.4	57.0	57.5	196	4,423	3,056	⁸ 2,810	100	103	⁸ 101
Netherlands ⁷	14.1	15.0	15.6	460	1,333	1,082	⁸ 1,231	100	102	⁸ 108
Poland ⁷	35.6	38.1	38.7	127	4,167	5,189	⁹ 5,021	100	98	⁹ 96
Romania ⁷	22.2	23.2	22.6	98	3,308	1,253	⁸ 1,405	104	91	⁸ 103
Russian Federation	138.7	148.3	147.3	9	6,009	7,596	¹⁰ 7,849	102	109	¹⁰ 107
Spain ⁷	37.5	39.3	39.3	79	3,610	2,820	¹⁵ 2,610	109	109	¹⁵ 109
Ukraine ⁷	50.0	51.9	50.7	88	3,592	3,991	²¹ 2,659	102	89	²¹ 87
United Kingdom ⁷	56.3	57.6	59.0	244	4,911	4,533	⁸ 5,328	103	104	⁸ 116
Yugoslavia, Federal Republic ⁷	9.5	10.2	10.6	104	—	³² 467	⁸ 438	—	72	⁸ 69
North America										
Canada	24.6	27.8	30.0	3	2,185	2,376	⁹ 2,448	99	103	⁹ 102
Cuba	9.7	10.6	11.1	101	1,469	888	⁸ 1,095	106	98	⁸ 106
Guatemala	6.9	9.2	10.5	97	803	1,165	1,545	71	78	88
Mexico	67.6	83.2	94.3	49	14,666	14,402	⁸ 14,651	120	114	⁸ 114
United States	230.4	254.1	267.7	29	20,420	22,429	⁹ 24,046	99	102	⁹ 102
South America										
Argentina	28.1	32.5	35.7	13	3,917	4,965	5,153	106	106	⁸ 113
Brazil	121.7	148.0	163.7	19	22,598	28,944	34,229	98	106	125
Chile	11.1	13.1	14.6	20	2,185	1,991	⁸ 2,242	109	100	⁸ 101
Colombia	26.5	32.6	40.0	39	4,168	4,247	^{8,15} 4,917	112	102	⁸ 113
Ecuador	8.0	10.3	11.9	43	1,534	1,846	^{8,32} 1,888	117	116	⁸ 127
Peru	17.3	21.6	24.4	19	3,161	3,855	4,163	114	118	123
Venezuela	15.1	19.5	22.8	26	3,158	4,053	⁸ 4,262	93	96	⁸ 91
Oceania										
Australia ⁷	14.6	16.9	18.5	2	1,718	1,583	1,856	112	108	101

—Not available.

Rounds to zero.

¹ Selection based on total population for midyear 1997.² First level enrollment generally consists of elementary school, grades 1–6.³ Second level enrollment includes general education, teacher training (at the second level), and technical and vocational education. This level generally corresponds to secondary education in the United States, grades 7–12.⁴ Third level enrollment includes college and university enrollment, and technical and vocational education beyond the high school level. There is considerable variation in reporting from country to country.⁵ Data represent the total enrollment of all ages in the school level divided by the population of the specific age groups that correspond to the school level. Adjustments have been made for the varying lengths of first and second level programs. Ratios may exceed 100 because some countries have many students from outside the normal age range.⁶ Enrollment totals and ratios exclude Democratic People's Republic of Korea. Data do not include adult education or special education provided outside regular schools.⁷ Classification or data coverage of levels have been revised. Data by level may not be comparable over time.⁸ Data for 1996–97.⁹ Data for 1995–96.¹⁰ Data for 1994–95.¹¹ Data for 1991–92.¹² Excludes private institutions.¹³ Data refer to universities and exclude Al Azhar.¹⁴ Excludes non-university institutions (such as teacher training colleges and technical colleges) and excludes distance-learning universities.¹⁵ Estimated.

Table 395. Selected statistics for countries with populations over 10 million, by continent: 1980, 1990, and 1997—Continued

Second level ³						Third level ⁴						Age for compulsory attendance
Enrollment in thousands			Enrollment ratio ⁵			Enrollment in thousands			Enrollment ratio ⁵			
1980	1990	1997	1980	1990	1997	1980	1990	1997	1980	1990	1997	
12	13	14	15	16	17	18	19	20	21	22	23	24
264,379	315,008	398,116	47	52	60	51,037	68,613	88,156	12	14	17	—
1,029	2,176	⁸ 2,618	33	61	⁸ 63	79	286	⁹ 347	6	11	912	6–15
191	186	—	21	12	—	2	7	—	#	1	—	7–15
28	99	—	3	7	—	2	5	⁸ 9	—	1	81	—
234	500	—	18	28	1027	12	33	—	2	3	—	6–12
198	361	⁸ 534	19	22	25	20	1130	1052	—	—	—	7–13
862	¹¹ 1,097	¹⁰ 1,514	24	¹¹ 21	¹⁰ 26	28	80	1093	1	2	¹⁰ 2	—
2,929	5,507	⁸ 6,727	50	76	716	716	^{12,13} 628	^{12,13} 850	16	16	⁹ 20	6–14
426	866	⁸ 819	9	14	⁸ 12	14	34	⁸ 42	0.4	1	⁸ 1	7–13
693	—	—	41	36	—	8	1410	—	2	1	—	6–14
428	¹⁶ 618	^{9,15} 632	20	24	⁹ 24	13	1435	—	1	2	—	6–14
—	¹⁶ 323	¹⁶ 302	—	18	⁹ 16	23	36	27	3	3	⁹ 2	6–13
26	61	⁹ 142	5	8	⁹ 17	3	5	⁹ 6	1	1	⁹ 1	—
—	84	188	8	7	13	17.4	5	14	1	1	—	—
¹⁸ 797	1,194	⁸ 1,442	¹⁸ 26	35	⁸ 39	112	256	⁸ 312	6	11	⁸ 11	7–16
¹⁶ 90	160	⁹ 185	5	8	⁹ 7	15.1	²⁰ 5	⁸ 7	1	3	⁸ 1	7–14
1,865	2,908	10,445	18	25	¹⁰ 33	150	^{14,21} 208	¹⁰ 618	3	^{20,21} 4	—	6–12
—	2,742	¹⁰ 3,571	—	24	⁹ 95	—	22,439	—	—	13	⁹ 19	7–16
384	732	⁸ 406	16	24	⁸ 21	29	¹⁴ 60	—	2	3	—	6–13
^{16,23} 73	^{16,23} 245	^{16,23} 256	5	13	⁹ 12	6	18	^{8,24} 35	1	1	⁸ 2	7–14
79	167	235	3	5	6	—	11.7	18	#	#	—	7–15
75	661	806	8	50	50	8	49	^{8,12} 47	1	5	⁸ 7	7–15
137	182	⁹ 513	10	9	⁸ 22	—	24	—	—	2	—	7–13
2,659	3,593	—	18	19	—	240	434	—	3	4	—	5–10
¹⁶ 18	264	313	—	32	24	1	7	9	—	1	—	—
56,778	52,386	71,883	46	49	70	1,663	3,822	6,075	2	3	6	7–15
469	^{16,25} 431	⁹ 474	64	80	⁹ 73	1412	¹¹ 35	²¹ 97	10	¹¹ 19	²¹ 22	—
32,748	¹⁶ 54,180	⁸ 68,872	30	44	⁸ 49	3,545	4,951	⁸ 6,000	5	6	⁸ 7	6–14
5,722	10,965	⁸ 14,210	29	45	⁸ 56	543	¹¹ 1,773	⁹ 2,303	4	9	⁸ 11	7–15
2,718	5,085	⁸ 4,777	²⁶ 45	55	⁸ 77	^{12,26} 184	¹² 312	^{8,12} 579	²⁶ 5	10	⁸ 18	6–11
1,033	¹⁶ 1,024	⁹ 1,160	57	47	⁹ 42	107	26	—	9	²⁶ 12	—	6–12
9,558	11,026	¹⁰ 9,879	93	97	⁹ 103	2,412	¹¹ 2,899	¹⁰ 3,918	31	30	¹⁰ 41	6–15
1,996	2,144	⁸ 1,921	93	98	⁸ 87	525	537	¹⁰ 483	34	40	⁹ 33	6–17
4,286	4,560	⁸ 4,662	78	90	⁸ 102	648	1,691	⁸ 2,542	15	39	⁸ 68	6–15
1,084	1,456	¹² 1,795	48	56	64	58	121	⁹ 211	4	7	⁹ 12	—
1,066	1,281	¹⁶ 1,923	22	23	¹⁰ 30	163	11196	^{10,27} 245	5	4	¹⁰ 5	5–10
512	709	⁸ 1,121	22	33	⁸ 42	1234	94	⁸ 106	5	5	⁸ 5	6–11
2,166	4,345	—	14	23	—	²⁶ 268	—	—	²⁶ 2	3	—	—
2,929	4,034	4,980	64	73	78	1,276	1,709	⁹ 2,022	24	28	⁹ 29	6–12
349	893	⁸ 1,543	29	44	⁸ 61	62	154	⁸ 274	7	12	⁸ 16	—
1,267	2,082	⁹ 2,314	55	74	⁹ 75	2659	11,2955	^{9,29} 64	3	5	⁹ 5	5–15
604	914	⁸ 958	46	52	⁸ 42	140	222	¹⁰ 216	17	18	¹⁰ 16	6–12
1,920	2,230	4,097	29	30	⁸ 56	17911	²⁰ 1,156	1,522	15	²⁰ 19	⁸ 21	7–15
2,218	3,308	⁸ 4,761	35	47	⁸ 58	246	750	⁸ 1,434	5	13	⁸ 21	6–14
2,879	3,108	¹⁰ 3,319	105	99	¹⁰ 94	516	603	—	28	30	—	—
¹⁶ 3,847	⁶ 3,236	¹⁶ 6,642	42	32	⁵ 7	115	130	⁸ 509	2	2	⁸ 7	6–11
—	²¹ 212	⁹ 354	—	²¹ 23	⁸ 34	—	1153	⁸ 66	—	11.4	⁸ 4	6–15
760	968	⁸ 1,065	98	93	⁸ 93	340	335	⁸ 329	39	48	⁸ 44	6–15
836	769	⁹ 1,059	91	103	⁹ 146	196	276	⁹ 358	26	40	⁹ 56	6–18
²⁶ 1,161	1,268	⁹ 1,191	99	99	⁹ 99	³⁰ 118	³⁰ 118	⁸ 207	17	16	⁸ 24	6–18
5,014	5,522	⁸ 5,980	85	99	⁸ 111	1,077	1,699	⁸ 2,062	25	40	⁸ 51	6–16
8,457	7,398	⁸ 8,382	—	98	⁸ 104	1,624	2,049	⁸ 2,132	27	34	⁸ 47	6–18
740	851	⁸ 818	81	93	⁸ 95	121	283	⁸ 363	17	36	⁸ 47	6–15
357	514	⁹ 1,112	70	79	⁹ 98	118	102	⁹ 195	14	14	⁹ 24	6–16
5,308	5,118	⁸ 4,602	72	83	⁸ 95	1,118	1,452	⁸ 1,893	27	32	⁸ 47	6–14
1,391	1,402	⁸ 1,416	93	120	⁸ 132	360	479	⁸ 489	29	40	⁸ 47	5–18
1,674	1,888	⁹ 2,539	77	81	⁹ 98	589	545	⁹ 720	18	22	⁹ 25	7–15
1,148	2,838	⁸ 2,212	94	92	⁸ 79	193	193	⁸ 412	12	10	⁸ 23	7–14
12,991	13,956	²¹ 13,732	96	93	²¹ 87	5,700	5,100	^{10,4} 458	46	52	¹⁰ 43	6–15
3,977	4,755	⁸ 3,852	87	104	⁸ 120	698	1,222	⁸ 1,684	23	37	⁸ 51	6–16
3,406	3,408	²¹ 4,731	94	93	²¹ 91	1,684	1,652	⁸ 1,541	42	47	⁸ 42	6–15
5,342	4,336	⁸ 6,549	83	85	⁸ 129	827	1,258	⁹ 1,821	19	30	⁸ 52	5–16
—	788	⁸ 815	—	63	⁸ 62	—	¹¹ 133	⁸ 172	—	11.8	⁸ 22	7–15
2,323	2,292	⁹ 2,505	88	101	⁹ 105	³³ 1,173	1,917	⁹ 1,763	57	95	⁹ 88	6–16
1,146	1,002	⁸ 713	81	89	⁸ 81	152	242	⁸ 112	17	21	⁸ 12	6–16
472	¹¹ 295	385	19	¹¹ 23	26	51	2070	⁹ 80	8	29	⁹ 8	7–14
1,742	6,704	⁸ 7,914	49	53	⁸ 64	930	1,311	⁸ 1,612	14	15	⁸ 16	6–14
21,585	19,270	⁹ 21,474	91	93	⁹ 97	12,097	13,710	⁹ 14,262	56	75	⁹ 81	6–16
1,327	2,160	⁸ 2,594	56	71	⁸ 77	491	¹¹ 1,008	¹⁰ 1,070	22	¹¹ 38	¹⁰ 36	6–14
2,819	3,499	⁶ 4,05	33	38	62	1,409	³⁴ 1,544	^{8,34} 1,869	11	11	⁸ 15	7–14
538	720	⁸ 739	53	73	⁸ 75	145	¹¹ 262	381	12	¹¹ 21	⁸ 31	6–13
1,733	¹¹ 2,378	⁸ 3,318	39	50	⁸ 67	272	487	⁸ 644	9	13	⁸ 17	6–12
592	^{16,35} 786	—	53	55	¹⁰ 50	270	207	—	35	20	—	5–15
1,203	1,698	1,970	59	67	72	306	678	658	17	30	26	6–12
222	281	⁸ 378	21	35	⁸ 40	307	550	—	21	29	—	6–15
1,100	1,278	2,368	71	82	153	³⁶ 324	³⁶ 485	1,042	25	36	80	6–15

¹⁶ General education enrollment only. Excludes teacher training and vocational education enrollments.

¹⁷ Data for 1981–82

¹⁸ Does not include professional schools.

¹⁹ Includes initiation classes where students learn Portuguese.

²⁰ Data for 1992–93.

²¹ Data for 1993–94.

²² Not including the former Independent States of Transke, Bophuthatswana, Venda, and Ciskei.

²³ Data refer to government aided and maintained schools only.

²⁴ Not including private non-university institutions.

²⁵ Day schools only.

²⁶ Data for 1985–86

²⁷ Does not include medical science.

²⁸ Includes preprimary education.

²⁹ Excludes some non-university institutions.

³⁰ Includes full-time students only.

³¹ Data include both former East and West Germany.

³² Data refer to the end of school year.

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Table 396. School-age populations as a percent of total population, by country: Selected years, 1985 to 1999

Country	5- to 14-year-olds as a percent of total population						15- to 19-year-olds as a percent of total population					
	1985 ¹	1990 ¹	1995 ¹	1996	1998	1999	1985 ²	1990 ²	1995 ²	1996	1998	1999
1	2	3	4	5	6	7	8	9	10	11	12	13
Australia	14	13	13	14	14	14	7	6	6	7	7	7
Belgium	11	11	11	12	12	12	6	5	5	6	6	6
Canada	13	12	12	13	14	14	6	5	5	7	7	7
Czech Republic	—	—	12	13	13	12	—	—	6	8	8	7
Denmark	12	10	10	11	11	12	6	6	5	6	6	5
Finland	11	12	11	13	13	13	6	5	5	6	6	6
France	13	12	12	13	13	13	6	6	5	7	7	7
Germany ³	9	9	10	11	11	11	6	4	4	5	6	6
Greece	—	—	11	12	11	11	—	5	6	7	7	7
Iceland	16	15	14	16	16	16	7	7	6	8	8	8
Ireland	18	18	15	17	16	15	8	8	8	9	9	9
Italy	13	10	9	10	10	10	6	6	5	6	6	5
Japan	14	12	10	11	11	10	6	7	5	7	6	6
Korea, Republic of	—	—	14	15	14	14	—	—	7	9	9	8
Luxembourg	10	10	11	12	12	12	5	4	4	5	6	6
Netherlands	12	11	11	12	12	12	7	5	5	6	6	6
New Zealand	15	13	13	15	15	15	7	7	6	7	7	7
Norway	13	11	11	13	13	13	6	6	5	6	6	6
Portugal	15	14	11	12	12	11	7	7	6	8	7	7
Russian Federation	—	—	14	16	—	14	—	—	6	7	—	8
Spain	15	13	10	11	11	10	7	7	6	8	7	7
Sweden	11	10	11	12	13	13	5	5	5	6	6	6
Switzerland	11	10	10	12	12	12	6	5	5	6	6	6
Turkey	21	21	20	20	21	21	9	9	9	11	11	11
United Kingdom	11	11	12	13	13	13	6	5	5	6	6	6
United States	13	13	13	15	14	15	6	5	6	7	7	7

—Not available.

¹ Data are for the 5- to 13-year-old population.² Data are for the 14- to 17-year-old population.³ Data for 1985 are for the former West Germany.SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, various years; and unpublished data. (This table was prepared June 2001.)**Table 397. Percent of population enrolled in secondary and postsecondary institutions, by age group and country: 1985, 1990, and 1999**

Country	Secondary schools, 16 years old ¹	Secondary schools, 17 years old ¹	Postsecondary institutions								
			18 to 21 years old			22 to 25 years old			26 to 29 years old		
			1999	1999	1985	1990	1999	1985	1990	1999	1985
1	2	3	4	5	6	7	8	9	10	11	12
Australia	92.0	78.2	—	—	30.7	—	—	15.0	—	—	8.0
Austria	91.9	75.9	—	—	15.1	—	—	20.3	—	—	11.8
Belgium ²	95.0	92.7	24.5	—	41.7	7.2	—	14.7	1.5	—	3.0
Canada	93.4	75.1	—	—	27.3	—	—	17.9	—	—	6.7
Czech Republic	99.8	83.3	—	—	17.1	—	—	11.5	—	—	4.2
Denmark	92.8	81.6	7.4	7.4	8.3	16.3	17.9	26.6	8.2	9.3	14.8
Finland	93.6	95.8	9.3	13.6	22.8	17.3	20.7	35.1	7.9	10.2	18.3
France	95.3	88.8	19.3	24.6	35.4	10.0	11.8	20.5	4.3	3.9	5.1
Germany ³	96.7	91.7	8.8	8.5	11.1	—	15.9	18.7	8.9	10.3	10.8
Greece	92.3	65.5	—	—	54.1	—	—	7.2	—	—	2.2
Hungary	92.8	87.0	—	—	19.7	—	—	13.7	—	—	5.2
Iceland	89.7	76.7	—	—	7.3	—	—	21.3	—	—	9.2
Ireland	91.5	72.0	—	20.5	32.7	—	—	11.5	—	—	2.9
Italy	78.7	73.3	—	—	22.1	—	—	20.5	—	—	7.0
Japan	95.1	93.6	—	—	—	—	—	—	—	—	—
Korea, Republic of	97.7	92.9	—	—	51.4	—	—	26.2	—	—	5.8
Mexico	43.0	32.0	—	—	12.4	—	—	7.6	—	—	1.0
Netherlands	107.3	91.0	14.4	17.9	26.3	11.9	13.4	19.9	5.7	4.7	4.9
New Zealand	89.4	71.3	—	20.7	29.2	—	14.8	14.4	—	—	7.6
Norway	94.2	92.7	8.6	13.5	19.2	13.9	17.4	28.0	6.2	7.5	11.7
Poland	89.7	88.9	—	—	21.2	—	—	20.5	—	—	5.3
Portugal	82.7	80.3	5.9	—	24.7	5.4	—	17.5	2.3	—	6.5
Spain	85.4	74.7	15.0	21.3	32.1	10.7	13.5	23.5	4.0	4.5	7.7
Sweden	96.8	96.6	7.8	8.7	15.7	11.3	11.4	24.6	6.5	6.1	12.5
Switzerland	90.5	84.1	5.7	6.4	9.7	10.6	12.1	17.1	5.2	6.4	9.1
Turkey	37.2	21.9	—	7.3	13.6	—	4.3	9.0	—	2.2	4.5
United Kingdom	84.5	71.1	15.0	16.1	29.3	7.4	10.6	12.0	—	—	6.4
United States ⁴	88.5	81.0	33.2	35.6	35.9	14.6	17.3	18.5	8.2	8.6	10.9

—Not available.

¹ Includes full-time and part-time enrollment.² Data for Flemish Belgium only.³ Data for 1985 are for the former West Germany.⁴ Postsecondary includes higher education only.

NOTE: Some increases in enrollment rates may be due to more complete reporting by countries. Differences in reference dates between enrollment and population data can result in enrollment rates that exceed 100 percent.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, various years; and unpublished data. (This table was prepared August 2001.)

Table 398. Pupils per teacher in public and private elementary and secondary schools, by level of education and country: Selected years, 1985 to 2001

Country	Elementary						Junior high schools (lower secondary)						Senior high schools (upper secondary)					
	1985	1990	1996	1999	2000	2001	1985	1990	1996	1999	2000	2001	1985	1990	1996	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Australia	¹ 13.8	—	18.1	17.3	17.3	17.0	—	—	—	² 13.7	—	—	3.2	—	—	² 10.8	—	—
Austria	11.3	11.6	12.7	14.5	—	14.3	9.2	7.7	9.2	9.6	—	9.8	15.2	12.4	8.5	10.0	—	9.9
Belgium	—	—	—	13.9	15.0	13.4	—	—	—	—	—	—	—	—	—	—	—	—
Canada	18.1	17.1	17.0	18.7	18.1	18.3	16.0	15.5	20.0	18.7	18.1	18.4	16.0	15.3	19.5	20.0	19.5	17.2
Denmark	12.7	11.2	11.2	10.6	10.4	10.0	10.2	9.3	10.1	11.6	11.4	11.1	14.8	13.3	12.1	13.2	14.4	13.9
France	—	—	19.5	19.6	19.8	19.5	—	—	—	12.9	14.7	13.5	—	—	—	12.7	10.4	11.2
Germany ³	20.7	20.3	20.9	21.0	19.8	19.4	16.9	14.6	16.0	16.4	15.7	15.7	23.7	21.0	13.1	12.4	13.9	13.7
Ireland	—	—	22.6	21.6	21.5	20.3	—	—	—	—	15.9	15.2	7.2	8.3	—	—	—	—
Italy	12.8	10.7	11.2	11.3	11.0	10.8	9.6	8.5	10.8	10.3	10.4	9.9	10.8	10.7	9.8	10.2	10.2	10.4
Japan	—	¹ 20.8	19.7	21.2	20.9	20.6	—	18.6	16.2	17.1	16.8	16.6	—	16.2	15.6	14.1	14.0	14.0
Netherlands	20.2	19.2	20.0	16.6	16.8	17.2	12.7	12.4	—	—	—	—	—	—	—	—	—	—
New Zealand	20.1	19.1	22.0	20.5	20.6	19.6	—	—	18.1	19.8	19.9	18.7	—	—	14.1	12.8	13.1	12.8
Norway	—	—	—	12.6	12.4	11.6	—	—	—	10.1	9.9	9.3	—	—	—	9.9	9.7	9.2
Portugal	—	—	—	—	12.1	11.6	—	—	—	—	10.4	9.9	—	—	—	—	7.9	8.0
Spain	26.8	21.2	18.0	15.4	14.9	14.7	21.4	18.8	17.8	—	—	—	15.3	14.8	14.2	—	—	—
Sweden	11.6	10.6	12.7	13.3	12.8	12.4	10.8	10.2	12.2	13.3	12.8	12.4	13.1	11.9	15.2	15.5	15.2	16.6
Turkey	31.1	30.6	—	30.0	30.5	29.8	41.3	48.4	—	—	—	—	11.0	12.1	—	16.1	14.0	17.2
United Kingdom	19.7	22.0	21.3	22.5	21.2	20.5	—	18.5	16.0	17.4	² 17.6	² 17.3	11.1	13.9	15.3	² 12.4	² 12.5	² 12.3
United States	17.0	15.6	16.9	16.3	15.8	16.3	16.5	15.9	17.5	16.8	16.3	17.0	16.2	15.8	14.7	14.5	14.1	14.8

—Not available.

¹ Public schools only.² Includes only general programs.³ Data for 1985 are for the former West Germany.SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, selected years 1985 to 2001; and previously unpublished tabulations. (This table was prepared September 2003.)**Table 399. Civic knowledge and civic engagement of 14-year-old students, by country: 1999**

Country	Civics mean scale score	Percentage of students who say that they are very likely or likely to vote in national elections	Percentage of students who believe that it is very important or important that a good citizen—				
			Votes in every election	Joins a political party	Engages in political discussions	Participates in activities to benefit people	Takes part in activities to protect the environment
1	2	3	4	5	6	7	8
OECD countries							
Australia	102 (0.8)	85 (1.0)	89 (0.8)	17 (1.0)	34 (1.1)	80 (1.0)	74 (1.1)
Belgium (French portion) ¹	95 (0.9)	69 (2.0)	82 (1.4)	24 (1.0)	39 (1.4)	54 (2.0)	71 (1.7)
Czech Republic	103 (0.8)	65 (1.7)	66 (1.1)	18 (1.0)	29 (1.4)	78 (0.9)	84 (1.0)
Denmark ¹	100 (0.5)	91 (0.7)	60 (1.0)	17 (0.8)	44 (0.9)	86 (0.8)	83 (0.7)
England	99 (0.6)	80 (1.0)	76 (1.1)	20 (0.9)	42 (1.3)	78 (1.0)	76 (1.1)
Finland	109 (0.7)	87 (0.7)	59 (1.2)	13 (0.8)	23 (1.1)	60 (1.0)	74 (1.0)
Germany ²	100 (0.5)	67 (1.1)	69 (0.9)	18 (0.7)	43 (1.2)	85 (0.9)	72 (1.2)
Greece	108 (0.8)	86 (0.9)	94 (0.6)	49 (1.0)	59 (1.0)	90 (0.7)	89 (0.7)
Hungary	102 (0.6)	91 (0.7)	81 (0.9)	29 (0.9)	21 (0.8)	89 (0.6)	77 (1.0)
Italy	105 (0.8)	80 (1.1)	84 (0.7)	32 (1.0)	49 (1.0)	82 (0.7)	79 (0.8)
Norway ¹	103 (0.5)	87 (0.7)	71 (0.9)	21 (0.8)	37 (1.0)	83 (0.8)	91 (0.6)
Poland	111 (1.7)	88 (1.2)	91 (0.8)	35 (1.2)	53 (1.4)	90 (0.8)	77 (0.8)
Portugal	96 (0.7)	88 (0.8)	71 (0.9)	36 (1.1)	40 (1.0)	94 (0.6)	92 (0.6)
Slovak Republic	105 (0.7)	93 (0.6)	91 (0.7)	23 (1.3)	51 (1.0)	87 (0.8)	87 (0.8)
Sweden	99 (0.8)	75 (1.4)	78 (1.0)	21 (0.9)	37 (1.5)	83 (1.2)	81 (1.3)
Switzerland	98 (0.8)	55 (1.3)	68 (1.2)	23 (1.1)	42 (1.2)	76 (0.9)	70 (1.2)
United States	106 (1.2)	85 (1.0)	83 (0.9)	48 (1.4)	58 (1.1)	88 (0.8)	83 (0.8)
Non-OECD countries							
Chile	88 (0.7)	74 (1.0)	91 (0.6)	46 (1.0)	34 (1.1)	88 (0.7)	90 (0.5)
Russian Federation ³	100 (1.3)	82 (1.0)	80 (1.2)	22 (1.4)	28 (1.4)	83 (1.1)	81 (1.3)
Slovenia	101 (0.5)	84 (1.0)	80 (0.8)	30 (0.9)	38 (1.0)	78 (0.8)	73 (1.0)

¹ Overall participation rate less than 85 percent.² National Desired Population does not cover all International Desired Population.³ Did not meet age/grade specification.

NOTE: Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), *IEA Civic Education Study, 2001*. (This table was prepared August 2002.)

Table 400. Average reading, mathematics, and science literacy scores of 15-year-olds, by sex and country: 2000

Country	Reading literacy			Mathematics literacy			Science literacy		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
OECD total¹	499 (2.0)	485 (2.3)	514 (2.0)	498 (2.1)	504 (2.6)	493 (2.3)	502 (2.0)	502 (2.5)	503 (2.0)
OECD average²	500 (0.6)	485 (0.8)	517 (0.7)	500 (0.7)	506 (1.0)	495 (0.9)	500 (0.7)	501 (0.9)	501 (0.8)
Australia	528 (3.5)	513 (4.0)	546 (4.7)	533 (3.5)	539 (4.1)	527 (5.1)	528 (3.5)	526 (3.9)	529 (4.8)
Austria	507 (2.4)	495 (3.2)	520 (3.6)	515 (2.5)	530 (4.0)	503 (3.7)	519 (2.6)	526 (3.8)	514 (4.3)
Belgium	507 (3.6)	492 (4.2)	525 (4.9)	520 (3.9)	524 (4.6)	518 (5.2)	496 (4.3)	496 (5.2)	498 (5.6)
Canada	534 (1.6)	519 (1.8)	551 (1.7)	533 (1.4)	539 (1.8)	529 (1.6)	529 (1.6)	529 (1.9)	531 (1.7)
Czech Republic	492 (2.4)	473 (4.1)	510 (2.5)	498 (2.8)	504 (4.4)	492 (3.0)	511 (2.4)	512 (3.8)	511 (3.2)
Denmark	497 (2.4)	485 (3.0)	510 (2.9)	514 (2.4)	522 (3.1)	507 (3.0)	481 (2.8)	488 (3.9)	476 (3.5)
Finland	546 (2.6)	520 (3.0)	571 (2.8)	536 (2.2)	537 (2.8)	536 (2.6)	538 (2.5)	534 (3.5)	541 (2.7)
France	505 (2.7)	490 (3.5)	519 (2.7)	517 (2.7)	525 (4.1)	511 (2.8)	500 (3.2)	504 (4.2)	498 (3.8)
Germany	484 (2.5)	468 (3.2)	502 (3.9)	490 (2.5)	498 (3.1)	483 (4.0)	487 (2.4)	489 (3.4)	487 (3.4)
Greece	474 (5.0)	456 (6.1)	493 (4.6)	447 (5.6)	451 (7.7)	444 (5.4)	461 (4.9)	457 (6.1)	464 (5.2)
Hungary	480 (4.0)	465 (5.3)	496 (4.3)	488 (4.0)	492 (5.2)	485 (4.9)	496 (4.2)	496 (5.8)	497 (5.0)
Iceland	507 (1.5)	488 (2.1)	528 (2.1)	514 (2.3)	513 (3.1)	518 (2.9)	496 (2.2)	495 (3.4)	499 (3.0)
Ireland	527 (3.2)	513 (4.2)	542 (3.6)	503 (2.7)	510 (4.0)	497 (3.4)	513 (3.2)	511 (4.2)	517 (4.2)
Italy	487 (2.9)	469 (5.1)	507 (3.6)	457 (2.9)	462 (5.3)	454 (3.8)	478 (3.1)	474 (5.6)	483 (3.9)
Japan	522 (5.2)	507 (6.7)	537 (5.4)	557 (5.5)	561 (7.3)	553 (5.9)	550 (5.5)	547 (7.2)	554 (5.9)
Korea, Republic of	525 (2.4)	519 (3.8)	533 (3.7)	547 (2.8)	559 (4.6)	532 (5.1)	552 (2.7)	561 (4.3)	541 (5.1)
Luxembourg	441 (1.6)	429 (2.6)	456 (2.3)	446 (2.0)	454 (3.0)	439 (3.2)	443 (2.3)	441 (3.6)	448 (3.2)
Mexico	422 (3.3)	411 (4.2)	432 (3.8)	387 (3.4)	393 (4.5)	382 (3.8)	422 (3.2)	423 (4.2)	419 (3.9)
Netherlands ³	— (—)	517 (4.8)	547 (3.8)	— (—)	569 (4.9)	558 (4.6)	— (—)	529 (6.3)	529 (5.1)
New Zealand	529 (2.8)	507 (4.2)	553 (3.8)	537 (3.1)	536 (5.0)	539 (4.1)	528 (2.4)	523 (4.6)	535 (3.8)
Norway	505 (2.8)	486 (3.8)	529 (2.9)	499 (2.8)	506 (3.8)	495 (2.9)	500 (2.8)	499 (4.1)	505 (3.3)
Poland	479 (4.5)	461 (6.0)	498 (5.5)	470 (5.5)	472 (7.5)	468 (6.3)	483 (5.1)	486 (6.1)	480 (6.5)
Portugal	470 (4.5)	458 (5.0)	482 (4.6)	454 (4.1)	464 (4.7)	446 (4.7)	459 (4.0)	456 (4.8)	462 (4.2)
Spain	493 (2.7)	481 (3.4)	505 (2.8)	476 (3.1)	487 (4.3)	469 (3.3)	491 (3.0)	492 (3.5)	491 (3.6)
Sweden	516 (2.2)	499 (2.6)	536 (2.5)	510 (2.5)	514 (3.2)	507 (3.0)	512 (2.5)	512 (3.5)	513 (2.9)
Switzerland	494 (4.3)	480 (4.9)	510 (4.5)	529 (4.4)	537 (5.3)	523 (4.8)	496 (4.4)	500 (5.7)	493 (4.7)
United Kingdom	523 (2.6)	512 (3.0)	537 (3.4)	529 (2.5)	534 (3.5)	526 (3.7)	532 (2.7)	535 (3.4)	531 (4.0)
United States	504 (7.1)	490 (8.4)	518 (6.2)	493 (7.6)	497 (8.9)	490 (7.3)	499 (7.3)	497 (8.9)	502 (6.5)
Non-OECD countries									
Brazil	396 (3.1)	388 (3.9)	404 (3.4)	334 (3.7)	349 (4.7)	322 (4.7)	375 (3.3)	376 (4.8)	376 (3.8)
Latvia	458 (5.3)	432 (5.5)	485 (5.4)	463 (4.5)	467 (5.3)	460 (5.6)	460 (5.6)	449 (6.4)	472 (5.8)
Liechtenstein	483 (4.1)	468 (7.3)	500 (6.8)	514 (7.0)	521 (11.5)	510 (11.1)	476 (7.1)	484 (10.9)	468 (9.3)
Russian Federation	462 (4.2)	443 (4.5)	481 (4.1)	478 (5.5)	478 (5.7)	479 (6.2)	460 (4.7)	453 (5.4)	467 (5.2)

—Not available.

¹ Refers to the mean of the data values for all OECD countries, to which each country contributes equally, regardless of the absolute size of the student population of each country.

² Refers to the average for OECD countries as a single entity, to which each country contributes in proportion to the number of 15-year-olds enrolled in its schools.

³ Response rate is too low to ensure comparability with other countries.

NOTE: Scales were designed to have an average score of 500 points, and standard deviation of 100. Standard errors appear in parentheses.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Program for International Student Assessment (PISA), Knowledge and Skills for Life, 2000*. (This table was prepared August 2002.)

Table 401. Percentage distribution of 15-year-olds at selected reading literacy proficiency levels, by country: 2000

Country	Mean score	Percentage distribution at levels of proficiency					
		Below level 1 ¹	Level 1 ²	Level 2 ³	Level 3 ⁴	Level 4 ⁵	Level 5 ⁶
1	2	3	4	5	6	7	8
OECD total⁷	499 (2.0)	6.2 (0.4)	12.1 (0.4)	21.8 (0.4)	28.6 (0.4)	21.8 (0.4)	9.4 (0.4)
OECD average⁸	500 (0.6)	6.0 (0.1)	11.9 (0.2)	21.7 (0.2)	28.7 (0.2)	22.3 (0.2)	9.5 (0.1)
Australia	528 (3.5)	3.3 (0.5)	9.1 (0.8)	19.0 (1.1)	25.7 (1.1)	25.3 (0.9)	17.6 (1.2)
Austria	507 (2.4)	4.4 (0.4)	10.2 (0.6)	21.7 (0.9)	29.9 (1.2)	24.9 (1.0)	8.8 (0.8)
Belgium	507 (3.6)	7.7 (1.0)	11.3 (0.7)	16.8 (0.7)	25.8 (0.9)	26.3 (0.9)	12.0 (0.7)
Canada	534 (1.6)	2.4 (0.3)	7.2 (0.3)	18.0 (0.4)	28.0 (0.5)	27.7 (0.6)	16.8 (0.5)
Czech Republic	492 (2.4)	6.1 (0.6)	11.4 (0.7)	24.8 (1.2)	30.9 (1.1)	19.8 (0.8)	7.0 (0.6)
Denmark	497 (2.4)	5.9 (0.6)	12.0 (0.7)	22.5 (0.9)	29.5 (1.0)	22.0 (0.9)	8.1 (0.5)
Finland	546 (2.6)	1.7 (0.5)	5.2 (0.4)	14.3 (0.7)	28.7 (0.8)	31.6 (0.9)	18.5 (0.9)
France	505 (2.7)	4.2 (0.6)	11.0 (0.8)	22.0 (0.8)	30.6 (1.0)	23.7 (0.9)	8.5 (0.6)
Germany	484 (2.5)	9.9 (0.7)	12.7 (0.6)	22.3 (0.8)	26.8 (1.0)	19.4 (1.0)	8.8 (0.5)
Greece	474 (5.0)	8.7 (1.2)	15.7 (1.4)	25.9 (1.4)	28.1 (1.7)	16.7 (1.4)	5.0 (0.7)
Hungary	480 (4.0)	6.9 (0.7)	15.8 (1.2)	25.0 (1.1)	28.8 (1.3)	18.5 (1.1)	5.1 (0.8)
Iceland	507 (1.5)	4.0 (0.3)	10.5 (0.6)	22.0 (0.8)	30.8 (0.9)	23.6 (1.1)	9.1 (0.7)
Ireland	527 (3.2)	3.1 (0.5)	7.9 (0.8)	17.9 (0.9)	29.7 (1.1)	27.1 (1.1)	14.2 (0.8)
Italy	487 (2.9)	5.4 (0.9)	13.5 (0.9)	25.6 (1.0)	30.6 (1.0)	19.5 (1.1)	5.3 (0.5)
Japan	522 (5.2)	2.7 (0.6)	7.3 (1.1)	18.0 (1.3)	33.3 (1.3)	28.8 (1.7)	9.9 (1.1)
Korea, Republic of	525 (2.4)	0.9 (0.2)	4.8 (0.6)	18.6 (0.9)	38.8 (1.1)	31.1 (1.2)	5.7 (0.6)
Luxembourg	441 (1.6)	14.2 (0.7)	20.9 (0.8)	27.5 (1.3)	24.6 (1.1)	11.2 (0.5)	1.7 (0.3)
Mexico	422 (3.3)	16.1 (1.2)	28.1 (1.4)	30.3 (1.1)	18.8 (1.2)	6.0 (0.7)	0.9 (0.2)
New Zealand	529 (2.8)	4.8 (0.5)	8.9 (0.5)	17.2 (0.9)	24.6 (1.1)	25.8 (1.1)	18.7 (1.0)
Norway	505 (2.8)	6.3 (0.6)	11.2 (0.8)	19.5 (0.8)	28.1 (0.8)	23.7 (0.9)	11.2 (0.7)
Poland	479 (4.5)	8.7 (1.0)	14.6 (1.0)	24.1 (1.4)	28.2 (1.3)	18.6 (1.3)	5.9 (1.0)
Portugal	470 (4.5)	9.6 (1.0)	16.7 (1.2)	25.3 (1.0)	27.5 (1.2)	16.8 (1.1)	4.2 (0.5)
Spain	493 (2.7)	4.1 (0.5)	12.2 (0.9)	25.7 (0.7)	32.8 (1.0)	21.1 (0.9)	4.2 (0.5)
Sweden	516 (2.2)	3.3 (0.4)	9.3 (0.6)	20.3 (0.7)	30.4 (1.0)	25.6 (1.0)	11.2 (0.7)
Switzerland	494 (4.3)	7.0 (0.7)	13.3 (0.9)	21.4 (1.0)	28.0 (1.0)	21.0 (1.0)	9.2 (1.0)
United Kingdom	523 (2.6)	3.6 (0.4)	9.2 (0.5)	19.6 (0.7)	27.5 (0.9)	24.4 (0.9)	15.6 (1.0)
United States	504 (7.1)	6.4 (1.2)	11.5 (1.2)	21.0 (1.2)	27.4 (1.3)	21.5 (1.4)	12.2 (1.4)
Non-OECD countries							
Brazil	396 (3.1)	23.3 (1.4)	32.5 (1.2)	27.7 (1.3)	12.9 (1.1)	3.1 (0.5)	0.6 (0.2)
Latvia	458 (5.3)	12.7 (1.3)	17.9 (1.3)	26.3 (1.1)	25.2 (1.3)	13.8 (1.1)	4.1 (0.6)
Liechtenstein	483 (4.1)	7.6 (1.5)	14.5 (2.1)	23.2 (2.9)	30.1 (3.4)	19.5 (2.2)	5.1 (1.6)
Russian Federation	462 (4.2)	9.0 (1.0)	18.5 (1.1)	29.2 (0.8)	26.9 (1.1)	13.3 (1.0)	3.2 (0.5)

¹ Less than 335 score points. Although students at this level may have the technical capacity to read, they have serious difficulties in using reading literacy as an effective tool to advance knowledge.

² Between 335 and 407 score points. Indicates an ability to locate a single piece of information, identify the main theme of a text, or make a simple connection with everyday knowledge.

³ Between 408 and 480 score points. Indicates an ability to locate straightforward information, make low-level inferences, work out what a well-defined part of a text means, and use some outside knowledge to understand it.

⁴ Between 481 and 552 score points. Indicates an ability to locate multiple pieces of information, make links between different parts of a text, and relate it to familiar everyday knowledge.

⁵ Between 553 and 625 score points. Indicates an ability to locate embedded information, construe meaning from nuances of language, and critically evaluate a text.

⁶ Above 625 score points. Indicates an ability to manage information that is difficult to find in unfamiliar texts, show detailed understanding of such text, and evaluate critically and build hypotheses.

⁷ Refers to the mean of the data values for all OECD countries, to which each country contributes equally, regardless of the absolute size of the student population of each country.

⁸ Refers to the average for OECD countries as a single entity, to which each country contributes in proportion to the number of 15-year-olds enrolled in its schools.

NOTE: Mean score was designed to have an average of 500 points, and a standard deviation of 100. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: Organization for Economic Cooperation and Development, Program for International Student Assessment (PISA), *Knowledge and Skills for Life, 2000*. (This table was prepared August 2002.)

Table 402. Average 4th-grade mathematics scores, by content areas, average time spent studying mathematics out of school, and country: 1995

Country	Average percent correct by content area										Amount of daily out-of-school study time in mathematics				
	Overall mathematics scores	Whole numbers	Fractions and proportionality	Measurement, estimation, and number sense	Data representation, analysis, and probability	Geometry	Patterns, relations, and functions	No time		Less than 1 hour		1 hour or more		Average hours ¹	
								Percent	Mean score	Percent	Mean score	Percent	Mean score		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Australia ²	63 (0.6)	67 (0.6)	51 (0.7)	60 (0.7)	67 (0.8)	74 (0.7)	64 (0.9)	15 (0.9)	526 (5.6)	61 (1.2)	559 (3.2)	24 (1.0)	530 (4.4)	0.8 (0.02)	
Austria ²	65 (0.7)	74 (0.8)	51 (0.8)	69 (0.8)	66 (1.1)	67 (0.8)	64 (1.1)	4 (0.7)	555 (8.6)	58 (1.8)	571 (3.8)	38 (1.6)	546 (4.1)	1.0 (0.03)	
Canada	60 (1.0)	68 (0.9)	48 (1.0)	54 (1.1)	68 (1.4)	72 (1.4)	62 (1.5)	14 (1.1)	526 (4.4)	60 (1.4)	544 (4.0)	26 (1.2)	522 (5.0)	0.8 (0.02)	
Cyprus	54 (0.6)	65 (0.7)	48 (0.7)	48 (0.8)	52 (0.9)	53 (0.9)	55 (1.1)	9 (0.7)	473 (6.1)	51 (1.9)	519 (3.6)	40 (1.6)	495 (3.8)	1.1 (0.03)	
Czech Republic	66 (0.6)	75 (0.6)	53 (0.8)	68 (0.7)	67 (0.9)	71 (0.7)	67 (0.9)	9 (0.9)	547 (6.6)	69 (1.2)	576 (3.6)	22 (1.1)	560 (4.3)	0.7 (0.02)	
England ²	57 (0.7)	58 (0.7)	45 (0.8)	52 (0.7)	64 (0.9)	74 (0.8)	55 (1.0)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	
Greece	51 (0.9)	62 (1.0)	42 (1.1)	48 (1.0)	50 (1.2)	53 (1.2)	47 (1.2)	6 (0.5)	453 (6.8)	38 (1.6)	512 (4.1)	56 (1.7)	493 (4.0)	1.6 (0.04)	
Hong Kong, SAR ³	73 (0.9)	79 (0.9)	66 (1.0)	69 (0.9)	76 (1.0)	74 (0.8)	73 (1.2)	6 (0.7)	550 (7.9)	44 (1.2)	595 (4.2)	50 (1.2)	586 (4.5)	1.3 (0.03)	
Hungary ³	64 (0.8)	76 (0.7)	49 (0.9)	64 (0.9)	60 (1.0)	66 (0.8)	69 (1.1)	5 (0.7)	543 (10.8)	58 (1.3)	563 (3.9)	37 (1.4)	533 (4.2)	1.0 (0.03)	
Iceland	50 (0.8)	56 (0.9)	36 (1.0)	44 (0.9)	58 (1.2)	63 (1.0)	48 (1.4)	10 (0.8)	457 (4.3)	63 (1.4)	483 (3.5)	27 (1.4)	472 (3.2)	0.8 (0.02)	
Iran, Islamic Republic ⁴	38 (0.9)	51 (1.2)	32 (1.0)	36 (0.9)	23 (0.9)	42 (0.9)	40 (1.4)	5 (0.7)	402 (6.6)	17 (1.3)	433 (6.0)	78 (1.5)	443 (4.5)	2.3 (0.07)	
Ireland	63 (0.8)	70 (0.8)	58 (1.0)	56 (0.9)	69 (0.9)	66 (0.8)	64 (1.0)	7 (0.6)	516 (7.1)	70 (1.3)	565 (3.2)	23 (1.2)	530 (4.9)	0.8 (0.02)	
Israel ^{2,4}	59 (1.0)	71 (1.0)	48 (1.1)	54 (1.0)	64 (1.2)	62 (1.0)	60 (1.5)	14 (1.3)	525 (6.4)	46 (2.2)	535 (4.7)	40 (1.9)	528 (4.1)	1.1 (0.05)	
Japan	74 (0.4)	82 (0.4)	65 (0.6)	72 (0.5)	79 (0.5)	72 (0.6)	76 (0.6)	10 (0.7)	558 (4.3)	60 (1.1)	598 (2.3)	31 (1.2)	610 (3.0)	0.9 (0.02)	
Korea, Republic of	76 (0.4)	88 (0.3)	65 (0.5)	72 (0.5)	80 (0.6)	72 (0.6)	83 (0.7)	14 (0.8)	593 (4.2)	44 (1.1)	610 (2.5)	42 (1.2)	621 (2.3)	1.0 (0.02)	
Kuwait ²	32 (0.5)	36 (0.5)	25 (0.5)	35 (0.6)	26 (0.6)	36 (0.6)	33 (1.0)	5 (0.7)	372 (5.7)	34 (1.4)	410 (3.0)	60 (1.5)	401 (2.8)	1.9 (0.05)	
Latvia (Latvian-speaking schools) ²	59 (1.0)	68 (0.9)	44 (1.3)	60 (1.0)	54 (1.3)	67 (1.0)	65 (1.2)	7 (0.7)	476 (7.5)	61 (1.9)	542 (6.3)	33 (1.7)	518 (5.1)	1.0 (0.03)	
Netherlands ²	69 (0.7)	75 (0.8)	60 (0.9)	70 (0.8)	75 (0.9)	71 (0.8)	65 (1.1)	47 (2.7)	593 (4.3)	39 (2.3)	578 (3.6)	14 (1.5)	541 (6.1)	0.5 (0.03)	
New Zealand	53 (1.0)	57 (1.0)	41 (1.1)	49 (1.1)	61 (1.3)	66 (1.1)	52 (1.2)	21 (1.6)	488 (9.7)	54 (1.7)	512 (4.4)	25 (1.4)	493 (5.2)	0.8 (0.03)	
Norway	53 (0.7)	61 (0.8)	38 (0.7)	56 (0.7)	59 (0.9)	58 (0.9)	50 (1.2)	23 (1.3)	503 (4.1)	58 (1.2)	512 (3.3)	19 (1.1)	497 (5.3)	0.6 (0.02)	
Portugal	48 (0.7)	57 (0.8)	38 (0.7)	49 (0.8)	43 (1.1)	52 (1.0)	47 (1.1)	3 (0.5)	420 (9.1)	55 (1.7)	489 (3.9)	42 (1.6)	470 (3.9)	1.3 (0.03)	
Scotland ⁴	58 (0.8)	61 (0.8)	46 (1.0)	53 (0.9)	66 (1.0)	72 (0.8)	57 (1.0)	26 (1.8)	519 (7.2)	63 (2.0)	528 (3.8)	11 (1.0)	501 (8.9)	0.5 (0.02)	
Singapore	76 (0.8)	83 (0.7)	74 (1.0)	67 (1.0)	81 (0.8)	72 (0.8)	76 (0.9)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	
Slovenia ²	64 (0.6)	74 (0.6)	50 (0.9)	64 (0.9)	64 (1.0)	72 (0.8)	68 (0.8)	3 (0.4)	502 (11.4)	57 (1.5)	563 (3.7)	40 (1.4)	548 (3.7)	1.0 (0.03)	
Thailand ²	50 (1.1)	58 (1.3)	44 (1.0)	44 (1.0)	56 (1.5)	53 (1.2)	50 (1.3)	17 (1.3)	470 (4.3)	44 (1.6)	496 (4.5)	39 (1.8)	489 (6.1)	1.0 (0.03)	
United States	63 (0.6)	71 (0.7)	51 (0.8)	53 (0.6)	73 (0.9)	71 (0.7)	66 (0.9)	8 (0.5)	516 (4.4)	60 (1.1)	561 (3.1)	32 (1.1)	528 (2.9)	1.0 (0.03)	

—Not available.
¹Average hours based on: No time = 0; Less than 1 hour = .5; 1–2 hours = 1.5; 3–4 hours = 3.5; More than 4 hours = 5.
²Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.
³SAR=Special Administrative Region.
⁴Indicates a 70 to 84 percent student response rate on question about time spent studying mathematics, with missing data having not been explicitly accounted for in the analysis.

NOTE: Possible scores range from 1 to 1,000. Data are for fourth-grade students or equivalent in most countries. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.
 SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics Achievement in the Primary School Years: IEA's Third International Mathematics and Science Study, 1997*, by Albert E. Beaton et al. Copyright © 1997 Boston College, Chestnut Hill, MA. (This table was prepared July 1997.)

Table 403. Average 8th-grade mathematics scores, by content areas, average time spent studying out of school, and country: 1999

Country	Average achievement scale score							Distribution of daily out-of-school study time in mathematics, with mean mathematics scores				
	Mathematics overall	Fractions and number sense	Geometry	Algebra	Data representation, analysis and probability	Measurement	No time		Less than 1 hour		One hour or more	
							Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13
International average	487 (0.7)	487 (0.7)	487 (0.7)	487 (0.7)	487 (0.7)	487 (0.7)	10 (0.1)	455 (1.7)	50 (0.2)	495 (0.8)	40 (0.2)	486 (0.9)
Australia	525 (4.8)	519 (4.3)	497 (5.7)	520 (5.1)	522 (6.3)	529 (4.9)	15 (1.0)	493 (6.3)	63 (1.1)	537 (5.0)	22 (1.0)	515 (6.3)
Belgium (Flemish)	558 (3.3)	557 (3.1)	535 (4.1)	540 (4.6)	544 (3.8)	549 (4.0)	3 (0.8)	476 (21.8)	50 (1.0)	573 (3.8)	47 (1.2)	550 (3.1)
Bulgaria	511 (5.8)	503 (6.6)	524 (5.9)	512 (5.1)	493 (6.1)	497 (6.6)	12 (1.2)	494 (9.5)	45 (1.3)	516 (5.5)	43 (1.7)	521 (7.9)
Canada	531 (2.5)	533 (2.5)	507 (4.7)	525 (2.4)	521 (4.5)	521 (2.4)	11 (0.8)	527 (5.2)	61 (1.0)	542 (2.8)	28 (1.0)	510 (3.3)
Chile	392 (4.4)	403 (4.9)	412 (5.4)	399 (4.3)	429 (3.8)	412 (4.9)	17 (0.8)	384 (5.9)	54 (0.7)	400 (4.7)	29 (1.0)	394 (7.1)
Chinese Taipei	585 (4.0)	576 (4.2)	557 (5.8)	568 (4.4)	559 (5.1)	566 (3.4)	31 (1.3)	529 (4.8)	44 (0.8)	604 (3.5)	25 (1.0)	627 (4.7)
Cyprus	476 (1.8)	481 (3.0)	484 (4.6)	479 (1.6)	472 (4.6)	471 (4.0)	9 (0.6)	496 (2.7)	51 (1.1)	496 (2.7)	40 (1.1)	469 (2.4)
Czech Republic	520 (4.2)	507 (4.8)	513 (5.5)	514 (4.0)	513 (5.9)	535 (5.0)	12 (1.0)	525 (9.2)	68 (1.3)	528 (4.6)	20 (1.1)	483 (5.2)
England	496 (4.1)	497 (3.8)	471 (4.2)	498 (4.9)	506 (8.0)	507 (3.8)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Finland	520 (2.7)	531 (3.8)	494 (6.0)	498 (3.1)	525 (3.8)	521 (4.7)	7 (0.6)	506 (8.1)	85 (0.8)	525 (2.5)	8 (0.7)	486 (6.8)
Hong Kong, SAR ¹	582 (4.3)	579 (4.5)	556 (4.9)	569 (4.5)	547 (5.4)	567 (5.8)	25 (1.2)	552 (3.9)	51 (0.9)	591 (3.9)	24 (1.1)	600 (4.8)
Hungary	532 (3.7)	526 (4.2)	489 (4.3)	536 (4.1)	520 (5.9)	538 (3.5)	4 (0.4)	497 (9.9)	71 (1.0)	540 (3.6)	25 (1.1)	514 (5.0)
Indonesia	403 (4.9)	406 (4.1)	441 (5.1)	424 (5.7)	423 (4.4)	395 (5.1)	10 (0.8)	396 (8.4)	38 (1.0)	405 (5.6)	51 (1.4)	406 (5.4)
Iran, Islamic Republic	422 (3.4)	437 (4.5)	442 (2.9)	434 (4.9)	430 (6.0)	401 (4.7)	3 (0.3)	375 (14.1)	22 (0.8)	425 (3.7)	75 (1.0)	427 (3.7)
Israel ²	466 (3.9)	472 (4.4)	467 (5.4)	479 (4.5)	468 (5.1)	457 (5.1)	8 (0.6)	436 (11.3)	48 (1.1)	491 (4.2)	44 (1.4)	454 (4.3)
Italy	479 (3.8)	471 (5.0)	482 (5.6)	481 (3.6)	484 (4.5)	501 (5.0)	5 (0.5)	400 (9.5)	39 (1.2)	488 (4.5)	57 (1.3)	482 (4.0)
Japan	579 (1.7)	570 (2.6)	575 (5.1)	569 (3.3)	555 (2.3)	558 (2.4)	26 (1.2)	558 (3.8)	54 (0.9)	586 (2.0)	20 (0.9)	585 (2.5)
Jordan	432 (3.6)	432 (3.2)	449 (7.1)	439 (5.3)	436 (7.8)	438 (4.4)	8 (0.6)	374 (9.8)	33 (0.8)	441 (4.6)	60 (1.0)	445 (4.3)
Korea, Republic of	587 (2.0)	570 (2.7)	573 (3.9)	585 (2.7)	576 (4.2)	571 (2.8)	34 (1.0)	560 (2.6)	45 (0.7)	598 (2.0)	21 (0.9)	610 (4.1)
Latvia (Latvian-speaking schools) ²	505 (3.4)	496 (3.7)	522 (5.6)	499 (4.3)	495 (4.2)	505 (3.5)	3 (0.4)	480 (13.8)	58 (1.3)	516 (4.1)	40 (1.3)	483 (4.1)
Lithuania ²	482 (4.3)	479 (4.3)	496 (5.8)	487 (3.7)	493 (3.6)	467 (4.0)	3 (0.5)	417 (15.8)	68 (1.4)	486 (4.4)	29 (1.3)	483 (5.3)
Macedonia, Republic of	447 (4.2)	437 (4.7)	460 (6.1)	465 (4.0)	442 (6.2)	451 (5.2)	6 (0.4)	429 (9.2)	49 (1.1)	461 (4.6)	45 (1.2)	448 (4.1)
Malaysia	519 (4.4)	532 (4.7)	497 (4.4)	505 (4.8)	491 (4.0)	514 (4.6)	2 (0.2)	— (—)	28 (0.9)	523 (6.5)	71 (1.0)	519 (4.2)
Moldova	469 (3.9)	465 (4.2)	481 (5.0)	477 (3.7)	450 (5.7)	479 (4.9)	8 (0.7)	452 (7.6)	48 (1.4)	476 (4.1)	44 (1.6)	473 (5.0)
Morocco	337 (2.6)	335 (3.6)	407 (2.2)	353 (4.7)	383 (3.5)	348 (3.5)	13 (0.9)	324 (8.0)	29 (0.9)	341 (6.6)	58 (1.5)	350 (3.2)
Netherlands	540 (7.1)	545 (7.1)	515 (5.5)	522 (7.7)	538 (7.9)	538 (5.8)	8 (1.1)	559 (14.0)	78 (1.3)	546 (6.7)	14 (1.5)	507 (12.2)
New Zealand	491 (5.2)	493 (5.0)	478 (4.2)	497 (4.7)	497 (5.0)	496 (5.3)	14 (0.9)	444 (6.7)	66 (1.2)	507 (5.3)	20 (1.2)	480 (6.6)
Philippines	345 (6.0)	378 (6.3)	383 (3.4)	345 (5.8)	406 (3.5)	355 (6.2)	5 (0.4)	288 (13.2)	42 (0.8)	363 (6.2)	53 (0.8)	347 (6.7)
Romania	472 (5.8)	458 (5.7)	487 (6.0)	481 (5.2)	453 (4.7)	491 (4.9)	9 (0.7)	417 (7.7)	25 (1.5)	457 (6.2)	66 (1.8)	494 (5.4)
Russian Federation	526 (5.9)	513 (6.4)	522 (6.0)	529 (4.9)	501 (4.8)	527 (6.0)	6 (0.5)	483 (10.0)	49 (1.3)	537 (6.7)	45 (1.5)	530 (5.2)
Singapore	604 (6.3)	608 (5.6)	560 (6.7)	576 (6.2)	562 (6.2)	599 (6.3)	5 (0.5)	562 (10.7)	34 (1.0)	612 (7.6)	61 (1.1)	604 (5.7)
Slovak Republic	534 (4.0)	525 (4.8)	527 (7.3)	525 (4.6)	521 (4.6)	537 (3.3)	6 (0.6)	535 (8.3)	70 (0.8)	542 (3.9)	23 (0.9)	513 (4.7)
Slovenia	530 (2.8)	527 (3.7)	506 (6.2)	525 (2.9)	530 (4.2)	523 (3.7)	8 (0.7)	530 (7.7)	63 (1.1)	541 (3.3)	29 (1.0)	511 (4.1)
South Africa	275 (6.8)	300 (6.0)	335 (6.6)	293 (7.7)	356 (3.8)	329 (4.8)	10 (0.8)	241 (14.1)	37 (0.7)	293 (8.6)	53 (1.1)	273 (7.9)
Thailand	467 (5.1)	471 (5.3)	484 (4.4)	456 (4.9)	476 (4.0)	463 (6.2)	6 (0.4)	424 (5.6)	45 (1.1)	459 (5.8)	49 (1.2)	482 (5.8)
Tunisia	448 (2.4)	443 (2.8)	484 (4.4)	455 (2.7)	446 (5.1)	442 (3.1)	7 (0.5)	439 (5.3)	27 (0.8)	452 (3.4)	66 (0.9)	460 (2.9)
Turkey	429 (4.3)	430 (4.3)	428 (5.7)	432 (4.6)	446 (3.3)	436 (6.5)	6 (0.6)	398 (7.1)	41 (1.0)	422 (4.4)	52 (1.4)	448 (4.7)
United States	502 (4.0)	509 (4.2)	473 (4.4)	506 (4.1)	506 (5.2)	482 (3.9)	15 (1.1)	466 (4.8)	58 (0.7)	514 (4.0)	27 (1.1)	505 (4.5)

—Not available.
¹SAR=Special Administrative Region.
²Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.
 SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study, 1999. TIMSS 1999 International Mathematics Report, by Ina V.S. Mullis et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared May 2001.)

NOTE: Data are for 8th-grade or equivalent in most countries. Possible scores range from 1 to 1,000. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

Table 404. Instructional practices and time spent teaching mathematics in 8th-grade, by country: 1999

Country	Percent of students reporting almost always or pretty often						Number of hours mathematics is taught weekly													
	We discuss our completed homework		Teacher shows us how to do mathematics		We work on worksheets or textbooks on our own		We work on mathematics projects		We begin our homework		Less than 2 hours		At least 2, but less than 3.5 hours		At least 3.5, but less than 5 hours		5 hours or more			
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1																				
Australia	44 (1.8)	93 (0.7)	91 (1.2)	25 (1.7)	56 (1.6)	3 (1.4)	565 (30.5)	50 (4.6)	517 (6.7)	44 (4.4)	534 (7.7)	3 (1.7)	530 (46.0)							
Belgium (Flemish)	43 (1.4)	69 (0.9)	64 (1.0)	16 (1.1)	20 (1.4)	13 (3.4)	502 (18.9)	43 (3.8)	544 (7.7)	40 (2.8)	595 (4.1)	4 (1.0)	590 (11.7)							
Bulgaria	48 (1.9)	89 (1.0)	32 (1.2)	15 (1.0)	21 (1.4)	14 (3.3)	543 (9.0)	8 (2.3)	498 (5.0)	73 (4.6)	525 (27.0)	4 (3.0)	606 (29.5)							
Canada	62 (1.4)	92 (0.5)	92 (0.5)	28 (1.1)	82 (1.2)	1 (0.9)	503 (6.3)	126 (2.7)	523 (6.1)	155 (3.2)	544 (3.9)	1 (0.2)	520 (6.4)							
Chile	47 (1.3)	89 (0.9)	40 (1.1)	46 (1.6)	55 (1.2)	1 (0.7)	—	3 (1.3)	414 (12.7)	83 (2.8)	391 (5.0)	13 (2.4)	394 (13.7)							
Chinese Taipei	55 (1.0)	91 (0.5)	59 (1.2)	55 (1.2)	34 (1.0)	# (#)	—	51 (4.5)	577 (5.5)	48 (4.4)	592 (5.8)	1 (1.1)	—							
Cyprus	72 (1.1)	92 (0.7)	67 (1.0)	29 (1.0)	52 (2.3)	# (#)	—	100 (#)	476 (1.8)	# (#)	—	# (#)	—							
Czech Republic	42 (1.8)	86 (1.1)	51 (2.4)	8 (0.6)	16 (1.6)	# (#)	—	44 (4.4)	517 (6.4)	52 (4.4)	517 (5.3)	4 (2.1)	600 (28.1)							
England	62 (1.5)	93 (0.7)	88 (1.5)	35 (1.4)	27 (1.6)	20 (0.2)	—	295 (2.0)	512 (5.3)	23 (1.4)	481 (10.2)	2 (1.2)	—							
Finland	37 (1.3)	67 (1.3)	90 (1.0)	7 (0.8)	47 (2.0)	4 (1.5)	518 (12.2)	87 (2.9)	520 (2.9)	7 (2.4)	535 (14.0)	1 (0.9)	—							
Hong Kong, SAR ³	35 (1.1)	91 (0.6)	69 (1.2)	67 (1.4)	40 (1.1)	3 (1.5)	553 (16.7)	17 (3.1)	587 (11.1)	71 (4.0)	583 (5.6)	9 (2.3)	579 (15.2)							
Hungary	71 (1.5)	87 (1.0)	63 (1.7)	96 (0.4)	18 (1.2)	1 (0.8)	—	80 (2.9)	531 (3.9)	15 (2.7)	522 (12.6)	3 (1.1)	583 (34.4)							
Indonesia	48 (1.0)	88 (0.6)	36 (1.5)	86 (0.9)	13 (0.7)	3 (1.2)	409 (27.4)	1 (0.2)	—	76 (3.8)	408 (6.1)	21 (3.7)	384 (9.4)							
Iran, Islamic Republic	56 (1.0)	82 (0.7)	45 (0.9)	30 (1.1)	34 (1.3)	24 (4.0)	429 (5.7)	50 (4.8)	423 (4.9)	14 (2.9)	413 (8.9)	12 (2.6)	419 (11.4)							
Israel	64 (1.3)	90 (0.6)	72 (1.2)	20 (1.0)	65 (1.5)	12 (1.2)	—	129 (3.9)	481 (8.5)	165 (4.1)	464 (5.8)	14 (1.5)	470 (28.7)							
Italy	64 (1.4)	80 (1.2)	34 (1.2)	22 (1.3)	39 (2.3)	6 (1.8)	484 (10.3)	95 (4.0)	475 (7.4)	55 (3.8)	483 (5.3)	9 (2.1)	469 (11.5)							
Japan	19 (1.2)	88 (0.7)	38 (1.5)	6 (0.7)	20 (1.3)	2 (0.9)	—	29 (2.0)	577 (2.1)	2 (1.3)	—	1 (1.3)	—							
Jordan	76 (0.9)	92 (0.6)	45 (1.1)	40 (1.4)	59 (1.1)	# (#)	—	88 (2.8)	424 (3.7)	7 (2.2)	439 (20.1)	5 (1.9)	463 (21.0)							
Korea, Republic of	10 (0.5)	85 (0.8)	29 (0.7)	46 (1.2)	17 (0.7)	3 (1.1)	587 (11.7)	93 (1.8)	587 (2.1)	3 (1.1)	602 (9.6)	2 (0.9)	—							
Latvia (Latvian-speaking schools)	48 (1.8)	86 (1.0)	54 (1.2)	—	28 (1.6)	# (#)	—	31 (4.2)	491 (5.6)	62 (3.9)	516 (4.6)	7 (2.5)	487 (17.2)							
Lithuania ⁴	—	—	—	—	—	—	—	—	—	—	—	—	—							
Macedonia, Republic of	72 (1.3)	86 (0.8)	66 (1.6)	37 (1.1)	30 (1.4)	1 (0.6)	—	97 (1.2)	447 (4.4)	2 (1.0)	—	# (#)	—							
Malaysia	61 (1.0)	92 (0.5)	13 (0.7)	68 (1.1)	67 (1.3)	5 (1.8)	533 (24.0)	93 (2.1)	520 (4.6)	2 (1.2)	—	# (#)	—							
Moldova	81 (1.3)	91 (0.8)	66 (1.7)	52 (1.6)	32 (1.6)	7 (1.9)	467 (19.7)	5 (1.5)	485 (18.0)	80 (3.3)	466 (4.5)	8 (2.4)	481 (17.9)							
Morocco	569 (0.8)	586 (0.6)	553 (1.0)	549 (1.1)	553 (1.2)	1 (0.6)	—	3 (1.0)	338 (10.5)	# (#)	—	96 (1.1)	337 (2.9)							
Netherlands	68 (3.7)	70 (2.7)	92 (1.1)	3 (0.7)	89 (1.5)	# (#)	—	100 (0.5)	537 (7.2)	# (#)	—	# (#)	—							
New Zealand	55 (1.8)	92 (0.6)	89 (1.0)	33 (1.5)	43 (1.7)	2 (1.1)	—	41 (3.8)	488 (8.3)	56 (3.9)	494 (7.0)	1 (#)	—							
Philippines	78 (0.8)	87 (0.8)	64 (1.0)	56 (1.2)	49 (1.1)	3 (0.9)	361 (22.5)	78 (3.4)	343 (7.1)	8 (2.5)	384 (33.0)	11 (2.5)	326 (15.0)							
Romania	62 (1.4)	83 (0.9)	49 (1.1)	38 (2.0)	27 (1.6)	10 (2.4)	481 (15.3)	70 (3.9)	471 (6.8)	12 (3.3)	483 (12.0)	9 (2.5)	477 (21.8)							
Russian Federation	53 (1.4)	78 (1.2)	62 (1.3)	19 (0.9)	10 (0.8)	# (#)	—	32 (3.8)	513 (8.5)	57 (4.1)	528 (7.7)	11 (2.5)	553 (13.4)							
Singapore	61 (1.0)	97 (0.4)	75 (0.9)	15 (1.1)	60 (1.9)	5 (2.0)	608 (20.0)	48 (4.0)	623 (7.5)	37 (3.8)	586 (11.2)	9 (2.3)	592 (24.7)							
Slovak Republic	59 (1.9)	81 (1.0)	53 (1.6)	11 (0.8)	39 (1.9)	# (#)	—	44 (4.7)	534 (6.1)	50 (4.8)	534 (5.3)	5 (2.1)	503 (15.2)							
Slovenia	60 (1.7)	76 (1.5)	57 (1.8)	19 (0.9)	28 (1.9)	# (#)	—	74 (4.1)	528 (3.3)	26 (4.1)	537 (4.5)	# (#)	—							
South Africa	72 (0.8)	83 (0.7)	67 (1.2)	59 (1.4)	69 (1.1)	10 (2.4)	273 (17.2)	23 (3.5)	269 (13.3)	58 (4.2)	277 (8.8)	9 (2.6)	275 (24.4)							
Thailand	29 (1.2)	91 (0.7)	52 (1.1)	19 (1.0)	80 (0.9)	12 (1.4)	—	158 (5.1)	461 (7.3)	19 (3.3)	448 (18.5)	130 (4.9)	483 (11.4)							
Tunisia	63 (1.2)	85 (0.9)	57 (1.0)	77 (0.7)	32 (1.1)	1 (1.0)	—	12 (2.6)	441 (6.7)	86 (2.8)	448 (2.8)	1 (1.0)	—							
Turkey	35 (1.1)	84 (0.7)	38 (0.9)	22 (0.8)	21 (1.2)	13 (2.7)	427 (11.0)	177 (3.4)	429 (5.0)	15 (1.6)	415 (10.5)	15 (1.6)	418 (16.3)							
United States	79 (1.2)	94 (0.6)	86 (0.7)	29 (1.3)	74 (1.6)	11 (2.3)	491 (14.5)	17 (2.6)	528 (11.6)	56 (3.4)	501 (4.9)	16 (2.2)	490 (9.2)							

—Not available.

Rounds to zero.

¹ Teacher response data available for 70 to 84 percent of students, with missing data having not been explicitly accounted for in the analysis.

² Teacher response data available for 50 to 69 percent of students, with missing data having not been explicitly accounted for in the analysis.

³ SAR=Special Administrative Region.

⁴ Lithuania tested the same cohort of students as other countries, but later in 1999, at the beginning of the next school year.

⁵ Student response rate 70 to 84 percent.

NOTE: Data are for 8th-grade or equivalent in most countries. Possible scores range from 1 to 1,000. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study 1999, TIMSS 1999, by Ina V.S. Mullis et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared June 2001.)

Table 405. Average size of 8th-grade mathematics classes and frequency teachers assign mathematics homework, by country: 1999

Country	Overall average class size	Percentage distribution of mathematics classes, by average size			Percent of students, by frequency and average length of mathematics assignments							
		1 to 20 students	21 to 35 students	36 or more students	Never assigning homework	Assigning homework less than once a week		Assigning homework once or twice a week		Assigning homework 3 or more times a week		
						30 minutes or less	More than 30 minutes	30 minutes or less	More than 30 minutes	30 minutes or less	More than 30 minutes	
		1	2	3	4	5	6	7	8	9	10	11
Australia	27 (0.3)	9 (2.4)	91 (2.4)	# (#)	1 (0.6)	2 (1.1)	1 (0.9)	25 (3.6)	6 (2.0)	60 (3.9)	6 (2.0)	
Belgium (Flemish)	19 (0.4)	58 (3.5)	42 (3.5)	# (#)	5 (3.2)	18 (3.3)	3 (1.2)	48 (4.9)	9 (2.0)	15 (2.7)	2 (0.9)	
Bulgaria	22 (0.6)	35 (4.4)	63 (4.8)	2 (1.3)	1 (1.0)	1 (0.6)	1 (0.5)	16 (3.5)	6 (1.7)	31 (4.5)	44 (5.6)	
Canada	27 (0.3)	11 (2.1)	87 (2.3)	2 (1.0)	# (#)	1 (0.7)	# (#)	22 (2.8)	3 (1.5)	58 (3.5)	16 (2.6)	
Chile	34 (0.6)	6 (1.5)	48 (4.3)	46 (4.1)	4 (1.7)	19 (2.9)	2 (1.0)	39 (3.9)	13 (2.8)	16 (2.6)	7 (2.2)	
Chinese Taipei	39 (0.5)	# (#)	14 (2.9)	86 (3.0)	# (#)	2 (1.1)	2 (1.1)	27 (3.4)	23 (3.4)	21 (3.1)	25 (3.6)	
Cyprus ¹	29 (0.2)	# (0.2)	100 (0.2)	# (#)	# (#)	# (#)	# (#)	2 (0.1)	# (#)	55 (5.1)	44 (4.9)	
Czech Republic ¹	24 (0.4)	18 (4.2)	82 (4.2)	# (#)	# (#)	13 (3.8)	# (#)	69 (5.1)	2 (1.3)	15 (3.7)	# (0.2)	
England	— (—)	— (—)	— (—)	— (—)	# (#)	2 (0.8)	1 (0.3)	48 (3.9)	46 (4.1)	3 (1.4)	1 (0.6)	
Finland	19 (0.3)	66 (3.7)	34 (3.7)	# (#)	# (#)	# (#)	# (#)	11 (2.2)	1 (0.8)	79 (3.0)	9 (2.3)	
Hong Kong, SAR ²	37 (0.5)	7 (1.8)	15 (3.0)	78 (3.4)	# (#)	2 (1.2)	1 (#)	26 (3.1)	23 (3.7)	30 (4.0)	19 (3.1)	
Hungary	21 (0.5)	48 (4.2)	51 (4.1)	1 (#)	# (#)	# (#)	# (#)	2 (1.0)	1 (#)	81 (2.9)	17 (3.0)	
Indonesia ¹	45 (0.9)	1 (0.3)	10 (2.3)	89 (2.4)	# (#)	# (#)	1 (0.8)	15 (3.2)	25 (4.2)	23 (4.1)	36 (4.2)	
Iran, Islamic Republic ³	33 (0.5)	5 (1.6)	57 (4.2)	38 (4.2)	# (#)	1 (#)	2 (0.9)	6 (1.9)	67 (4.5)	2 (1.5)	23 (4.0)	
Israel ¹	26 (0.7)	31 (3.2)	50 (4.0)	19 (3.3)	1 (0.9)	1 (0.5)	1 (0.3)	6 (1.8)	2 (1.0)	35 (3.6)	53 (3.4)	
Italy	20 (0.3)	55 (3.9)	44 (3.9)	1 (#)	# (#)	# (#)	# (#)	5 (1.7)	12 (2.5)	15 (2.6)	68 (3.8)	
Japan	36 (0.2)	1 (#)	41 (3.4)	58 (3.3)	9 (2.3)	34 (4.3)	6 (2.0)	27 (4.0)	8 (2.1)	14 (2.7)	3 (1.4)	
Jordan	36 (0.7)	4 (1.3)	43 (3.4)	53 (3.2)	# (#)	# (#)	# (#)	8 (2.4)	4 (1.2)	61 (4.0)	28 (3.7)	
Korea, Republic of	42 (0.5)	# (#)	12 (2.2)	88 (2.2)	2 (0.7)	14 (2.6)	6 (2.0)	29 (3.4)	15 (2.7)	24 (3.3)	9 (2.3)	
Latvia (Latvian-speaking schools) ¹	22 (0.5)	45 (4.2)	55 (4.2)	# (#)	# (#)	2 (1.4)	# (#)	7 (2.5)	1 (0.9)	70 (3.9)	20 (3.7)	
Lithuania	23 (0.3)	32 (2.8)	68 (2.8)	# (#)	# (#)	# (#)	# (#)	2 (1.5)	1 (0.6)	73 (4.0)	24 (3.6)	
Macedonia, Republic of	28 (0.4)	10 (2.5)	84 (3.4)	6 (2.2)	# (#)	1 (0.6)	# (#)	16 (3.1)	4 (1.7)	44 (4.3)	36 (4.4)	
Malaysia	38 (0.6)	1 (#)	26 (3.7)	73 (3.6)	# (#)	1 (#)	# (#)	3 (1.5)	6 (2.0)	24 (3.5)	66 (3.9)	
Moldova ¹	26 (0.4)	15 (3.0)	83 (3.3)	2 (1.6)	# (#)	# (#)	2 (1.2)	4 (2.1)	38 (4.3)	54 (4.2)	54 (4.2)	
Morocco ¹	33 (0.8)	12 (2.4)	49 (3.4)	39 (3.6)	1 (0.4)	11 (1.8)	40 (3.5)	8 (1.5)	9 (2.1)	21 (2.6)	11 (1.9)	
Netherlands ¹	25 (0.5)	13 (4.1)	87 (4.1)	# (#)	1 (0.6)	1 (0.6)	# (#)	13 (3.3)	3 (1.3)	73 (4.4)	9 (2.6)	
New Zealand	25 (0.4)	17 (2.9)	82 (2.8)	1 (#)	1 (0.8)	2 (1.1)	# (#)	32 (3.5)	3 (1.2)	58 (3.9)	2 (1.4)	
Philippines ¹	50 (0.6)	# (#)	5 (1.5)	95 (1.5)	# (#)	2 (1.1)	# (#)	10 (2.6)	# (#)	74 (3.2)	14 (3.0)	
Romania	24 (0.4)	30 (2.9)	65 (3.2)	5 (1.9)	# (#)	# (#)	1 (0.5)	1 (1.0)	4 (1.2)	21 (3.7)	73 (3.9)	
Russian Federation	24 (0.5)	19 (3.2)	81 (3.2)	# (#)	# (#)	# (#)	# (#)	# (0.5)	# (#)	42 (4.5)	57 (4.6)	
Singapore	37 (0.3)	1 (0.4)	32 (3.8)	68 (3.8)	# (#)	# (#)	# (#)	8 (2.1)	12 (2.4)	26 (4.2)	54 (4.3)	
Slovak Republic	25 (0.4)	15 (2.6)	85 (2.6)	# (0.2)	1 (#)	3 (1.8)	# (#)	12 (3.2)	1 (#)	81 (3.5)	2 (1.5)	
Slovenia	22 (0.3)	29 (3.2)	71 (3.2)	# (#)	# (#)	# (#)	# (#)	3 (1.5)	# (#)	79 (3.1)	17 (2.8)	
South Africa ¹	50 (1.4)	2 (0.8)	14 (2.6)	85 (2.7)	# (#)	# (#)	# (#)	10 (2.6)	4 (1.4)	64 (4.1)	22 (3.2)	
Thailand ¹	42 (0.9)	3 (1.0)	23 (3.9)	75 (3.7)	# (#)	# (#)	# (#)	4 (1.5)	16 (3.3)	23 (3.6)	57 (4.4)	
Tunisia	34 (0.4)	3 (1.5)	56 (3.9)	42 (4.1)	2 (1.3)	3 (1.5)	26 (3.6)	3 (1.2)	8 (2.3)	35 (4.2)	24 (3.9)	
Turkey ⁴	43 (1.3)	2 (1.1)	28 (3.9)	70 (3.9)	# (#)	4 (1.4)	# (0.3)	35 (4.1)	39 (4.3)	10 (2.4)	12 (2.4)	
United States ¹	26 (0.7)	21 (2.6)	73 (3.0)	6 (1.4)	1 (0.7)	1 (0.7)	# (#)	7 (1.6)	1 (0.6)	63 (2.8)	27 (2.4)	

—Not available.

Rounds to zero.

¹ Teacher response data on class size available for 70 to 84 percent of students, with missing data having not been explicitly accounted for in the analysis.² SAR=Special Administrative Region.³ Teacher response data on mathematics assignments available for 50 to 69 percent of students, with missing data having not been explicitly accounted for in the analysis.⁴ Teacher response data on class size available for 50 to 69 percent of students.

NOTE: Data are for 8th-grade or equivalent in most countries. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study, 1999, *TIMSS 1999 International Mathematics Report*, by Ina V.S. Mullis et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared May 2001.)

Table 406. Eighth-grade students' perceptions about mathematics and hours spent on leisure activities, by country: 1999

Country	Students reporting that mathematics is not one of their strengths										Average hours each day ¹				
	Strongly disagree		Disagree		Agree		Strongly agree		Watching TV or videos	Playing or talking with friends	Doing jobs at home	Playing sports	Reading for enjoyment	Playing computer games	
	Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Australia	18 (1.1)	573 (5.8)	36 (1.0)	546 (5.3)	28 (0.9)	499 (5.2)	17 (0.8)	478 (5.4)	2.3 (0.05)	1.5 (0.03)	0.9 (0.03)	1.6 (0.03)	0.6 (0.02)	0.8 (0.05)	
Belgium (Flemish)	17 (0.8)	598 (5.4)	30 (0.9)	581 (4.8)	31 (1.0)	540 (4.5)	21 (0.9)	526 (4.0)	2.1 (0.04)	1.8 (0.05)	1.0 (0.04)	1.8 (0.07)	0.6 (0.02)	0.9 (0.04)	
Bulgaria	18 (1.9)	560 (10.6)	26 (1.2)	541 (6.3)	30 (1.4)	494 (4.9)	25 (1.5)	476 (5.1)	2.8 (0.05)	2.6 (0.06)	1.9 (0.04)	1.5 (0.05)	1.0 (0.03)	0.8 (0.05)	
Canada	26 (1.2)	577 (3.2)	31 (0.7)	542 (3.0)	26 (1.0)	502 (4.7)	17 (0.8)	485 (3.4)	2.2 (0.03)	1.9 (0.03)	1.1 (0.03)	1.9 (0.03)	0.7 (0.04)	0.8 (0.03)	
Chile	15 (0.6)	444 (8.7)	27 (0.7)	408 (4.7)	35 (0.7)	382 (4.7)	23 (0.8)	367 (5.5)	2.7 (0.05)	1.9 (0.04)	1.5 (0.03)	2.0 (0.03)	0.7 (0.02)	0.6 (0.05)	
Chinese Taipei	16 (0.6)	646 (6.1)	28 (0.7)	623 (4.3)	34 (0.7)	564 (4.5)	23 (0.7)	533 (3.9)	2.0 (0.04)	1.3 (0.03)	1.0 (0.02)	1.2 (0.02)	0.9 (0.02)	0.9 (0.04)	
Cyprus	23 (1.0)	525 (4.3)	34 (0.8)	492 (2.8)	27 (0.9)	445 (2.9)	16 (0.6)	438 (4.3)	2.2 (0.04)	1.8 (0.04)	0.9 (0.03)	1.4 (0.04)	0.7 (0.02)	1.0 (0.04)	
Czech Republic	19 (0.9)	567 (6.9)	35 (1.2)	541 (5.0)	36 (1.1)	500 (4.7)	16 (0.9)	486 (5.8)	2.3 (0.05)	3.0 (0.07)	1.2 (0.03)	2.0 (0.05)	1.0 (0.04)	0.9 (0.05)	
England	12 (0.5)	539 (6.9)	40 (1.2)	512 (4.5)	28 (1.2)	471 (4.8)	13 (0.8)	458 (6.3)	2.6 (0.05)	2.5 (0.08)	0.8 (0.02)	1.6 (0.04)	0.8 (0.02)	1.2 (0.05)	
Finland	17 (0.8)	570 (4.4)	34 (1.0)	543 (3.8)	31 (1.1)	498 (2.6)	18 (1.0)	474 (3.7)	2.5 (0.04)	3.2 (0.07)	0.9 (0.02)	1.6 (0.04)	0.6 (0.02)	1.1 (0.04)	
Hong Kong, SAR ²	11 (0.5)	619 (5.5)	31 (0.8)	606 (3.9)	39 (0.7)	573 (4.4)	20 (0.8)	549 (5.0)	2.4 (0.04)	1.3 (0.04)	0.6 (0.01)	1.0 (0.03)	0.8 (0.02)	1.0 (0.04)	
Hungary	15 (0.7)	598 (5.7)	34 (1.1)	552 (4.7)	40 (1.1)	503 (3.7)	11 (0.7)	493 (5.9)	2.7 (0.05)	2.0 (0.05)	1.6 (0.04)	1.5 (0.04)	0.8 (0.02)	1.0 (0.05)	
Indonesia	6 (0.4)	411 (10.6)	31 (0.8)	418 (5.2)	53 (1.0)	404 (4.6)	10 (0.5)	359 (10.7)	1.7 (0.05)	1.1 (0.02)	1.9 (0.03)	1.0 (0.02)	0.9 (0.02)	0.2 (0.05)	
Iran, Islamic Republic	26 (1.0)	459 (4.6)	35 (0.7)	426 (3.3)	25 (0.9)	404 (4.5)	14 (0.6)	397 (5.2)	1.8 (0.04)	1.3 (0.04)	1.7 (0.04)	1.3 (0.06)	0.9 (0.02)	0.3 (0.04)	
Israel	29 (1.0)	508 (4.2)	32 (0.8)	483 (4.5)	25 (0.8)	438 (4.0)	14 (0.7)	418 (6.3)	3.1 (0.05)	2.4 (0.04)	1.3 (0.05)	1.8 (0.05)	1.0 (0.03)	1.5 (0.05)	
Italy	22 (0.9)	529 (5.6)	32 (0.9)	495 (3.6)	27 (0.8)	456 (4.9)	18 (0.9)	435 (5.0)	1.8 (0.03)	2.7 (0.05)	1.1 (0.03)	1.7 (0.03)	0.7 (0.02)	1.0 (0.03)	
Japan	12 (0.5)	602 (4.9)	29 (0.7)	598 (2.7)	38 (0.6)	576 (2.7)	21 (0.7)	545 (3.3)	3.1 (0.05)	1.8 (0.04)	0.5 (0.02)	1.1 (0.03)	0.8 (0.02)	0.9 (0.05)	
Jordan ³	27 (1.1)	491 (5.4)	29 (0.9)	446 (4.3)	26 (0.9)	401 (4.3)	17 (0.8)	386 (4.8)	1.7 (0.04)	1.1 (0.04)	1.3 (0.05)	1.4 (0.05)	1.4 (0.04)	0.8 (0.04)	
Korea, Republic of	10 (0.5)	648 (3.9)	33 (0.7)	621 (3.0)	41 (0.8)	564 (2.7)	15 (0.5)	536 (3.6)	2.9 (0.04)	1.3 (0.03)	0.6 (0.01)	0.6 (0.02)	0.6 (0.01)	0.8 (0.04)	
Latvia (Latvian-speaking schools)	10 (0.7)	572 (6.2)	28 (1.1)	534 (4.9)	41 (1.0)	487 (3.8)	20 (0.9)	470 (4.3)	2.8 (0.05)	2.6 (0.06)	1.7 (0.03)	1.3 (0.03)	0.9 (0.03)	0.7 (0.05)	
Lithuania	11 (0.8)	536 (7.0)	35 (1.4)	508 (5.1)	42 (1.4)	461 (3.9)	12 (0.9)	436 (6.6)	2.4 (0.05)	2.4 (0.06)	1.6 (0.05)	1.0 (0.03)	0.7 (0.02)	0.6 (0.05)	
Macedonia, Republic of	13 (0.6)	501 (7.2)	27 (0.9)	474 (5.3)	37 (1.0)	441 (5.4)	24 (1.1)	423 (4.9)	2.2 (0.05)	1.8 (0.05)	1.9 (0.03)	1.8 (0.05)	1.2 (0.04)	0.7 (0.05)	
Malaysia	23 (0.9)	544 (5.4)	45 (0.9)	525 (4.6)	37 (1.0)	497 (5.1)	5 (0.3)	481 (6.6)	1.9 (0.05)	1.2 (0.03)	1.8 (0.04)	1.1 (0.02)	1.1 (0.02)	0.5 (0.05)	
Moldova	17 (1.0)	506 (6.0)	44 (1.2)	477 (4.6)	29 (1.0)	455 (5.5)	10 (0.7)	440 (6.9)	2.6 (0.07)	1.9 (0.06)	3.2 (0.09)	1.4 (0.04)	1.5 (0.04)	1.0 (0.07)	
Morocco ⁴	18 (0.7)	378 (6.1)	32 (1.2)	350 (5.9)	28 (0.9)	324 (4.2)	22 (0.7)	320 (6.0)	1.1 (0.03)	0.9 (0.03)	1.5 (0.03)	1.5 (0.04)	1.4 (0.05)	0.7 (0.03)	
Netherlands	16 (0.8)	570 (7.4)	28 (1.1)	557 (7.9)	36 (1.5)	529 (8.2)	20 (1.0)	515 (9.2)	2.4 (0.10)	2.6 (0.09)	0.8 (0.04)	1.8 (0.06)	0.7 (0.04)	0.9 (0.10)	
New Zealand	16 (0.8)	548 (6.7)	36 (1.1)	518 (5.4)	32 (0.9)	466 (4.7)	15 (0.8)	436 (5.1)	2.5 (0.05)	1.6 (0.04)	1.0 (0.03)	1.5 (0.04)	0.7 (0.02)	0.9 (0.05)	
Philippines	14 (0.5)	374 (9.6)	37 (1.1)	368 (6.9)	31 (0.8)	337 (5.7)	17 (0.8)	309 (6.1)	1.7 (0.04)	1.2 (0.03)	2.4 (0.05)	1.6 (0.04)	1.6 (0.04)	0.7 (0.04)	
Romania	11 (0.7)	517 (6.2)	26 (1.1)	498 (6.5)	44 (1.3)	466 (6.3)	19 (1.0)	450 (7.1)	2.2 (0.06)	1.6 (0.05)	2.0 (0.06)	1.2 (0.04)	1.0 (0.03)	0.6 (0.06)	
Russian Federation	21 (0.9)	580 (5.8)	40 (0.9)	538 (5.6)	30 (1.2)	501 (7.3)	9 (0.6)	471 (10.0)	2.6 (0.05)	3.0 (0.05)	1.5 (0.03)	1.3 (0.03)	1.2 (0.03)	0.7 (0.05)	
Singapore	16 (0.7)	631 (7.3)	37 (0.7)	614 (6.1)	33 (0.8)	593 (6.4)	13 (0.6)	575 (6.9)	2.4 (0.04)	1.5 (0.04)	0.9 (0.02)	1.5 (0.04)	1.0 (0.02)	1.1 (0.04)	
Slovak Republic	12 (0.7)	586 (7.8)	34 (1.1)	554 (4.4)	40 (1.2)	516 (3.9)	14 (0.8)	498 (5.6)	2.5 (0.06)	2.7 (0.06)	1.6 (0.05)	1.9 (0.04)	0.7 (0.02)	0.6 (0.06)	
Slovenia	24 (0.8)	583 (4.4)	40 (1.2)	542 (3.4)	24 (0.9)	490 (3.8)	12 (0.8)	471 (5.7)	2.3 (0.05)	1.8 (0.04)	1.2 (0.03)	1.6 (0.04)	0.7 (0.02)	0.9 (0.05)	
South Africa	18 (0.6)	313 (8.5)	26 (1.0)	295 (12.4)	31 (0.8)	264 (6.8)	26 (0.9)	247 (5.2)	2.0 (0.07)	1.5 (0.04)	2.0 (0.05)	2.0 (0.05)	1.8 (0.05)	0.8 (0.07)	
Thailand	7 (0.4)	515 (8.5)	34 (0.9)	490 (5.2)	46 (0.9)	454 (5.3)	13 (0.5)	435 (7.5)	2.1 (0.05)	1.6 (0.04)	1.6 (0.02)	1.5 (0.03)	1.0 (0.02)	0.4 (0.05)	
Tunisia	25 (0.8)	476 (3.7)	31 (0.8)	452 (3.7)	25 (0.7)	432 (5.0)	19 (0.6)	428 (3.5)	2.0 (0.04)	1.3 (0.03)	1.7 (0.04)	1.9 (0.04)	1.4 (0.03)	0.9 (0.04)	
Turkey ⁵	13 (0.5)	468 (5.9)	36 (0.8)	446 (4.8)	36 (0.8)	425 (3.8)	15 (0.6)	397 (6.4)	1.6 (0.04)	1.5 (0.03)	1.1 (0.04)	1.4 (0.03)	1.2 (0.03)	0.4 (0.04)	
United States	26 (0.8)	547 (4.6)	33 (0.6)	517 (4.5)	24 (0.6)	478 (4.4)	18 (0.7)	455 (4.3)	2.5 (0.06)	2.4 (0.05)	1.1 (0.03)	1.9 (0.03)	0.6 (0.02)	0.9 (0.06)	

¹Average hours based on: No time = 0; less than 1 hour = .5; 1-2 hours = 1.5; 3-5 hours = 4; more than 5 hours = 7.
²SAR=Special Administrative Region.
³Student response data on reading for enjoyment available for 70 to 84 percent of students, with missing data having not been explicitly accounted for in the analysis.
⁴Student response data available for 70 to 84 percent of students, with missing data having not been explicitly accounted for in the analysis.
⁵Student response data for playing computer games available for 70 to 84 percent of students, with missing data having not been explicitly accounted for in the analysis.

NOTE: Data are for 8th-grade or equivalent in most countries. Possible scores range from 1 to 1,000. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study, 1999. TIMSS 1999 International Mathematics Report, by Ina V.S. Mullis et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared May 2001.)

Table 407. Average mathematics scores at the end of secondary school, by sex, average time spent studying mathematics out of school, and country: 1995

Country	Average score in mathematics			Amount of daily out-of-school study time in mathematics						Average hours ¹
	Mathematics overall	Males	Females	Less than 1 hour		One to two hours		Three or more hours		
				Percent	Mean score	Percent	Mean score	Percent	Mean score	
1	2	3	4	5	6	7	8	9	10	11
Australia ²	522 (9.3)	540 (10.3)	510 (9.3)	59 (2.2)	521 (8.3)	36 (2.2)	557 (10.2)	5 (0.8)	534 (13.4)	1.0 (0.04)
Austria ²	518 (5.3)	545 (7.2)	503 (5.5)	77 (1.7)	526 (5.8)	19 (1.6)	533 (9.4)	4 (0.8)	502 (13.7)	0.6 (0.04)
Canada ²	519 (2.8)	537 (3.8)	504 (3.5)	56 (2.1)	539 (5.1)	38 (1.9)	547 (5.0)	7 (1.0)	526 (14.6)	1.1 (0.05)
Cyprus ²	446 (2.5)	454 (4.9)	439 (3.7)	63 (2.1)	435 (4.3)	29 (1.8)	471 (4.8)	8 (1.3)	451 (9.0)	1.0 (0.05)
Czech Republic	466 (12.3)	488 (11.3)	443 (16.8)	92 (1.5)	464 (13.8)	8 (1.4)	482 (17.8)	# (0.2)	— (—)	0.4 (0.03)
Denmark ²	547 (3.3)	575 (4.0)	523 (4.0)	68 (2.0)	571 (4.9)	28 (1.6)	563 (4.7)	4 (0.7)	562 (11.9)	0.9 (0.04)
France ²	523 (5.1)	544 (5.6)	506 (5.3)	59 (2.3)	517 (5.1)	35 (2.3)	539 (6.7)	5 (0.7)	505 (14.7)	1.0 (0.04)
Germany ²	495 (5.9)	509 (8.7)	480 (8.8)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Hungary	483 (3.2)	485 (4.9)	481 (4.8)	74 (0.9)	480 (3.2)	24 (0.8)	496 (5.5)	2 (0.2)	— (—)	0.7 (0.02)
Iceland ²	534 (2.0)	558 (3.4)	514 (2.2)	79 (1.1)	553 (3.2)	19 (1.1)	542 (7.0)	2 (0.4)	— (—)	0.7 (0.02)
Italy ²	476 (5.5)	490 (7.4)	464 (6.0)	55 (2.6)	479 (6.3)	40 (2.2)	486 (7.2)	5 (0.9)	477 (11.2)	1.0 (0.05)
Lithuania ²	469 (6.1)	485 (7.3)	461 (7.7)	67 (1.8)	472 (5.8)	29 (1.7)	480 (5.2)	4 (0.5)	484 (11.5)	0.8 (0.03)
Netherlands ²	560 (4.7)	585 (5.6)	533 (5.9)	82 (1.7)	606 (6.2)	16 (1.6)	581 (11.1)	1 (0.3)	— (—)	0.7 (0.03)
New Zealand	522 (4.5)	536 (4.9)	507 (6.2)	75 (1.4)	544 (6.1)	23 (1.4)	552 (5.9)	2 (0.3)	— (—)	0.7 (0.03)
Norway ²	528 (4.1)	555 (5.3)	501 (4.8)	85 (1.4)	541 (5.1)	14 (1.3)	558 (9.5)	1 (0.3)	— (—)	0.5 (0.03)
Russian Federation ²	471 (6.2)	488 (6.5)	460 (6.6)	56 (2.0)	463 (5.9)	33 (1.4)	484 (7.5)	11 (1.2)	494 (8.1)	1.2 (0.06)
Slovenia ²	512 (8.3)	535 (12.7)	490 (8.0)	72 (2.7)	521 (9.4)	25 (2.6)	518 (9.5)	2 (0.6)	— (—)	0.7 (0.05)
South Africa ²	356 (8.3)	365 (9.3)	348 (10.8)	33 (1.8)	394 (17.1)	51 (1.8)	375 (10.9)	17 (1.2)	344 (7.2)	1.7 (0.05)
Sweden	552 (4.3)	573 (5.9)	531 (3.9)	90 (0.9)	579 (5.4)	9 (0.9)	580 (7.8)	1 (0.2)	— (—)	0.4 (0.02)
Switzerland	540 (5.8)	555 (6.4)	522 (7.4)	67 (1.6)	569 (4.9)	28 (1.3)	550 (5.6)	5 (0.9)	522 (10.6)	0.9 (0.04)
United States ²	461 (3.2)	466 (4.1)	456 (3.6)	76 (1.5)	475 (3.8)	22 (1.5)	486 (5.9)	2 (0.2)	— (—)	0.7 (0.02)

—Not available.

Rounds to zero.

¹ Average hours based on: No time = 0; Less than 1 hour = .5; 1–2 hours = 1.5; 3–5 hours = 4; More than 5 hours = 7.² Countries not meeting all International Association for the Evaluation of Education Achievement's sampling specifications.

NOTE: End of secondary school is equivalent to 12th-grade in the U.S. and a few other countries, but ranges from 9th- to 14th-grade among the survey countries. Possible

scores range from 1 to 1,000. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics and Science Achievement in the Final Year of Secondary School: IEA's Third International Mathematics and Science Study, 1998*, by Ina V.S. Mullis et al. Copyright © 1998 Boston College, Chestnut Hill, MA. (This table was prepared October 1998.)

Table 408. Average 4th-grade science scores, by content areas, average time spent teaching science in school, and country: 1995

Country	Science content areas						Average number of hours science is taught weekly to science classes						
	Overall science scores	Earth science	Life science	Physical science	Environmental issues and the nature of science	Less than 1 hour		1 to 2 hours		2 to 3 hours		More than 3 hours	
						Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Australia ^{1,2}	66 (0.5)	61 (0.6)	72 (0.5)	63 (0.7)	63 (0.8)	35 (3.9)	556 (5.0)	55 (4.0)	568 (5.9)	5 (1.5)	562 (18.1)	5 (2.1)	562 (8.4)
Austria ¹	66 (0.7)	62 (0.6)	72 (0.7)	64 (0.8)	54 (1.0)	# (#)	— (—)	# (#)	— (—)	97 (1.8)	566 (3.6)	3 (1.8)	540 (30.3)
Canada	64 (0.6)	62 (0.6)	68 (0.6)	61 (0.7)	56 (0.7)	8 (2.0)	536 (10.1)	42 (3.8)	542 (5.1)	27 (3.3)	567 (5.4)	23 (3.2)	550 (4.6)
Cyprus	51 (0.5)	48 (0.7)	55 (0.5)	50 (0.7)	42 (1.0)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Czech Republic	65 (0.5)	64 (0.6)	71 (0.5)	62 (0.7)	56 (0.9)	2 (1.1)	— (—)	79 (3.6)	557 (3.9)	3 (1.4)	572 (6.8)	16 (3.2)	563 (7.3)
England ^{3,4}	63 (0.6)	61 (0.6)	68 (0.6)	60 (0.8)	56 (1.0)	6 (1.7)	540 (8.7)	27 (4.1)	548 (7.5)	44 (4.8)	556 (5.9)	23 (3.8)	550 (8.2)
Greece	54 (0.8)	52 (0.9)	61 (0.9)	49 (0.9)	43 (1.2)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Hong Kong, SAR ⁵	62 (0.7)	61 (0.6)	68 (0.7)	60 (0.8)	50 (1.1)	13 (3.4)	530 (13.3)	84 (3.7)	534 (4.3)	2 (1.5)	— (—)	1 (0.8)	— (—)
Hungary ¹	62 (0.6)	62 (0.7)	66 (0.6)	59 (0.8)	50 (0.9)	6 (2.2)	556 (13.3)	72 (4.1)	529 (3.7)	8 (3.0)	521 (8.4)	14 (3.1)	549 (10.5)
Iceland ²	55 (0.7)	55 (0.7)	60 (0.8)	52 (0.7)	47 (1.2)	17 (4.1)	513 (7.3)	41 (5.6)	504 (7.7)	30 (5.0)	499 (6.5)	12 (4.3)	523 (6.8)
Iran, Islamic Republic	40 (0.7)	38 (0.7)	44 (0.7)	40 (0.9)	26 (0.9)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Ireland	61 (0.6)	60 (0.8)	66 (0.6)	57 (0.7)	55 (0.9)	47 (5.0)	536 (5.6)	40 (4.4)	540 (5.8)	11 (3.1)	550 (7.1)	2 (0.9)	— (—)
Israel ^{1,2,6}	57 (0.8)	51 (0.8)	61 (0.9)	55 (0.9)	51 (1.3)	# (#)	— (—)	53 (5.6)	508 (5.5)	32 (5.8)	494 (6.9)	15 (4.3)	493 (10.6)
Japan	70 (0.3)	66 (0.4)	73 (0.3)	70 (0.4)	62 (0.6)	2 (1.3)	— (—)	1 (0.6)	— (—)	95 (1.8)	575 (1.8)	2 (1.2)	— (—)
Korea, Republic of	74 (0.4)	72 (0.5)	76 (0.4)	75 (0.5)	70 (0.8)	# (#)	— (—)	1 (0.6)	— (—)	95 (1.8)	597 (1.9)	5 (1.7)	588 (10.3)
Kuwait ^{1,2}	39 (0.5)	36 (0.6)	45 (0.6)	37 (0.5)	25 (0.7)	# (#)	— (—)	1 (0.7)	— (—)	96 (2.0)	402 (3.9)	4 (1.8)	416 (42.2)
Latvia (Latvian-speaking schools) ^{1,6}	56 (0.8)	57 (1.0)	60 (0.8)	54 (0.9)	46 (1.2)	89 (2.9)	505 (5.7)	5 (2.2)	538 (47.2)	5 (2.2)	532 (11.9)	1 (0.8)	— (—)
Netherlands ¹	67 (0.5)	61 (0.6)	73 (0.5)	65 (0.6)	61 (0.9)	38 (5.1)	559 (4.0)	44 (4.8)	556 (4.5)	9 (2.6)	556 (7.2)	9 (2.7)	549 (20.1)
New Zealand ²	60 (0.9)	57 (0.9)	66 (0.9)	57 (1.1)	54 (1.2)	29 (4.2)	542 (8.3)	48 (4.4)	536 (6.1)	14 (3.1)	537 (17.2)	9 (2.6)	509 (21.2)
Norway ²	60 (0.6)	60 (0.6)	67 (0.7)	55 (0.7)	53 (0.9)	73 (5.0)	527 (5.4)	27 (5.0)	535 (7.6)	# (#)	— (—)	# (#)	— (—)
Portugal	50 (0.7)	50 (0.8)	54 (0.8)	49 (0.9)	39 (1.0)	2 (1.1)	— (—)	3 (1.4)	486 (28.2)	12 (3.1)	474 (8.8)	84 (3.6)	481 (4.8)
Scotland ^{2,3}	60 (0.8)	58 (0.9)	65 (0.8)	57 (0.8)	53 (1.2)	35 (4.7)	543 (5.9)	44 (4.7)	534 (6.4)	14 (3.3)	531 (13.2)	7 (2.5)	529 (12.5)
Singapore	64 (0.8)	58 (0.8)	70 (0.8)	64 (0.8)	53 (1.1)	# (#)	— (—)	4 (1.5)	548 (18.9)	96 (1.5)	547 (5.1)	# (#)	— (—)
Slovenia ¹	64 (0.7)	64 (0.7)	68 (0.7)	61 (0.8)	54 (0.8)	3 (1.9)	544 (18.9)	60 (5.3)	541 (4.6)	18 (4.0)	550 (9.5)	19 (3.4)	548 (6.8)
Thailand ^{1,2}	49 (0.9)	48 (0.9)	52 (0.8)	46 (1.0)	48 (1.4)	2 (1.2)	— (—)	9 (3.5)	463 (21.5)	17 (6.1)	469 (16.5)	73 (6.6)	477 (6.5)
United States ²	66 (0.5)	64 (0.7)	71 (0.6)	60 (0.6)	65 (0.8)	9 (2.1)	562 (11.5)	16 (2.9)	550 (10.2)	33 (3.8)	578 (5.9)	42 (4.1)	565 (5.1)

Rounds to zero.

— Not available.

¹ Did not satisfy one or more guidelines for sample participation rates, age/grade specification, or classroom sampling procedures.

² Teacher response rate for number of hours science is taught is 84 percent or less, with missing data having not been explicitly accounted for in the analysis.

³ Met guidelines for sample participation rates only after replacement schools were included.

⁴ National defined population covers less than 90 percent of international desired population.

⁵ SAR=Special Administrative Region.

⁶ National defined population does not cover all of international desired population.

NOTE: Data are for 4th-grade or equivalent in most countries. Possible scores range from 1 to 1,000. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Science Achievement in the Primary School Years: IEA's Third International Mathematics and Science Study, 1997*, by Albert E. Beaton et al. Copyright © 1997 Boston College, Chestnut Hill, MA. (This table was prepared July 1997.)

Table 409. Average 8th-grade science scores, by content areas, average time spent studying out of school, and country: 1999

Country	Average achievement scale score										Distribution of daily out-of-school study time in science, with mean science scores					
	Overall science scores	Earth science	Life science	Physics	Chemistry	Environmental and resource issues	Scientific inquiry and the nature of science	No time		Less than 1 hour		One hour or more				
								Percent	Mean score	Percent	Mean score	Percent	Mean score			
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
International average	488 (0.7)	488 (0.9)	488 (0.7)	488 (0.9)	488 (0.8)	488 (0.7)	488 (0.7)	14 (0.2)	462 (1.2)	49 (0.2)	495 (1.0)	36 (0.2)	486 (1.0)			
Australia	540 (4.4)	519 (6.1)	530 (4.4)	531 (6.3)	520 (5.0)	530 (6.3)	535 (4.9)	21 (1.4)	510 (6.6)	65 (1.4)	553 (4.4)	14 (0.8)	533 (6.9)			
Belgium (Flemish)	535 (3.1)	533 (3.5)	535 (4.6)	530 (3.5)	508 (3.3)	513 (3.5)	526 (4.9)	14 (1.1)	537 (8.7)	55 (1.2)	543 (4.0)	31 (1.4)	520 (3.9)			
Bulgaria	518 (5.4)	520 (5.7)	514 (6.9)	505 (5.8)	527 (5.7)	483 (6.4)	479 (5.6)	17 (1.6)	505 (8.7)	38 (1.2)	523 (6.7)	45 (1.5)	528 (7.0)			
Canada	533 (2.1)	519 (3.7)	523 (3.8)	521 (3.8)	521 (5.4)	521 (3.5)	532 (5.1)	20 (1.0)	525 (4.1)	62 (0.9)	541 (2.3)	18 (0.7)	515 (4.4)			
Chile	420 (3.7)	435 (7.0)	431 (3.7)	428 (5.6)	435 (5.2)	449 (4.8)	441 (4.7)	17 (0.7)	415 (4.9)	53 (0.8)	431 (4.7)	30 (1.0)	417 (5.4)			
Chinese Taipei	569 (4.4)	538 (3.0)	550 (3.3)	552 (3.9)	563 (4.3)	567 (4.0)	540 (4.9)	38 (1.3)	530 (5.7)	42 (0.9)	588 (4.4)	20 (0.9)	607 (4.7)			
Cyprus	460 (2.4)	459 (5.4)	468 (3.8)	459 (2.9)	470 (3.4)	475 (4.3)	467 (4.6)	18 (0.7)	425 (6.6)	57 (0.9)	474 (3.1)	25 (1.0)	461 (5.0)			
Czech Republic	539 (4.2)	533 (6.9)	544 (4.1)	526 (4.2)	512 (5.2)	516 (5.7)	522 (5.7)	18 (1.1)	529 (7.0)	62 (1.2)	546 (4.5)	20 (1.1)	530 (5.0)			
England	538 (4.8)	525 (3.9)	533 (6.2)	528 (4.5)	524 (5.5)	518 (5.8)	538 (5.1)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)			
Finland	535 (3.5)	520 (5.5)	520 (4.0)	520 (4.4)	535 (4.5)	514 (7.1)	528 (4.0)	8 (0.8)	514 (9.7)	84 (0.9)	541 (3.5)	8 (0.6)	511 (10.8)			
Hong Kong, SAR ¹	530 (3.7)	506 (4.3)	516 (5.5)	523 (4.9)	515 (5.2)	518 (4.9)	531 (2.8)	39 (1.3)	513 (4.2)	48 (1.0)	543 (4.0)	13 (0.6)	539 (6.6)			
Hungary	552 (3.7)	560 (3.9)	535 (4.0)	543 (4.3)	548 (4.7)	501 (6.6)	526 (5.9)	6 (0.6)	505 (8.6)	49 (1.2)	558 (4.0)	45 (1.3)	554 (4.0)			
Indonesia	435 (4.5)	431 (6.4)	448 (3.6)	452 (5.5)	425 (3.9)	489 (4.8)	446 (4.3)	13 (0.8)	432 (6.7)	40 (0.9)	442 (4.9)	47 (1.1)	435 (5.9)			
Iran, Islamic Republic	448 (3.8)	459 (5.2)	437 (3.7)	445 (5.7)	487 (4.1)	470 (5.5)	446 (5.3)	3 (0.3)	432 (16.0)	29 (1.0)	453 (4.1)	68 (1.1)	451 (4.6)			
Israel ²	468 (4.9)	472 (5.2)	463 (4.0)	484 (5.3)	479 (4.7)	458 (4.0)	476 (8.3)	17 (0.8)	449 (7.8)	60 (1.1)	487 (4.6)	23 (1.1)	450 (6.5)			
Italy	493 (3.9)	502 (5.9)	488 (4.6)	480 (4.1)	493 (4.8)	491 (5.4)	489 (4.6)	7 (0.7)	435 (8.6)	48 (1.4)	501 (4.3)	45 (1.4)	498 (4.3)			
Japan	550 (2.2)	533 (6.2)	534 (5.4)	544 (2.9)	530 (3.1)	506 (5.5)	543 (2.8)	39 (1.4)	535 (3.2)	50 (1.2)	560 (2.3)	12 (0.7)	555 (7.5)			
Jordan	450 (3.8)	446 (3.5)	448 (4.1)	459 (3.6)	483 (5.5)	476 (6.0)	440 (5.5)	7 (0.5)	396 (9.2)	37 (1.0)	466 (5.0)	56 (1.1)	465 (3.7)			
Korea, Republic of	549 (2.6)	532 (2.7)	528 (3.6)	544 (5.1)	523 (3.7)	523 (4.5)	545 (7.3)	45 (0.8)	527 (2.9)	42 (0.7)	564 (3.1)	13 (0.6)	578 (4.6)			
Latvia (Latvian-speaking schools) ²	503 (4.8)	495 (5.4)	509 (3.9)	495 (3.9)	490 (3.7)	493 (5.2)	495 (4.7)	9 (0.6)	480 (9.9)	66 (1.0)	509 (5.4)	25 (1.0)	496 (6.3)			
Lithuania ²	488 (4.1)	476 (4.4)	494 (4.6)	510 (4.3)	485 (4.6)	458 (5.1)	483 (6.4)	10 (0.9)	456 (8.2)	66 (1.2)	493 (4.8)	25 (1.2)	494 (4.9)			
Macedonia, Republic of	468 (5.2)	464 (4.2)	468 (4.9)	463 (6.0)	481 (6.1)	432 (4.2)	464 (3.6)	3 (0.3)	428 (15.3)	25 (1.0)	453 (5.9)	72 (1.2)	470 (5.3)			
Malaysia	482 (4.4)	491 (4.2)	479 (5.4)	494 (4.4)	485 (3.5)	502 (4.4)	488 (4.5)	4 (0.3)	460 (10.6)	36 (1.1)	493 (5.1)	60 (1.2)	495 (4.9)			
Moldova	459 (4.0)	466 (4.2)	477 (3.9)	457 (5.5)	451 (5.6)	444 (6.2)	471 (3.8)	7 (0.6)	439 (10.8)	29 (1.0)	460 (5.8)	63 (1.2)	467 (4.2)			
Morocco	323 (4.3)	363 (3.3)	347 (2.8)	352 (4.2)	372 (4.8)	396 (5.1)	391 (4.2)	14 (0.8)	323 (12.4)	35 (1.2)	330 (4.9)	61 (1.7)	335 (6.4)			
Netherlands	545 (6.9)	534 (7.2)	536 (7.2)	537 (6.5)	515 (6.4)	526 (8.5)	534 (6.5)	6 (0.8)	530 (11.6)	80 (1.5)	555 (6.4)	15 (1.3)	507 (12.9)			
New Zealand	510 (4.9)	504 (5.8)	501 (5.6)	499 (4.7)	503 (4.9)	503 (5.2)	521 (6.8)	18 (1.1)	472 (6.8)	66 (1.2)	528 (4.8)	15 (1.0)	517 (7.7)			
Philippines	345 (7.5)	390 (5.0)	378 (5.7)	393 (6.3)	394 (6.5)	391 (7.6)	403 (5.5)	5 (0.4)	294 (14.4)	41 (0.8)	365 (9.7)	54 (0.9)	348 (7.7)			
Romania	472 (5.8)	475 (5.5)	475 (6.0)	465 (6.8)	481 (6.1)	473 (6.6)	456 (5.5)	16 (0.9)	451 (8.4)	36 (1.0)	479 (7.8)	48 (1.3)	484 (5.6)			
Russian Federation	529 (6.4)	529 (5.1)	517 (6.5)	529 (6.3)	523 (8.0)	495 (6.6)	491 (4.9)	5 (0.4)	494 (8.4)	34 (1.3)	534 (7.1)	61 (1.3)	536 (6.4)			
Singapore	568 (8.0)	521 (7.3)	541 (7.2)	570 (6.7)	545 (8.3)	577 (8.3)	550 (5.9)	7 (0.6)	507 (13.2)	38 (1.1)	573 (9.9)	55 (1.2)	573 (7.1)			
Slovak Republic	535 (3.3)	537 (4.3)	535 (6.2)	518 (4.1)	525 (4.9)	512 (4.5)	507 (3.9)	8 (0.7)	521 (7.5)	67 (1.2)	539 (3.7)	25 (1.2)	532 (4.8)			
Slovenia	533 (3.2)	541 (4.3)	521 (3.9)	525 (4.4)	509 (5.4)	519 (3.4)	513 (4.3)	10 (0.8)	526 (6.7)	52 (1.1)	546 (3.7)	38 (1.1)	521 (4.2)			
South Africa	243 (7.8)	348 (4.8)	289 (7.3)	308 (6.7)	350 (4.0)	350 (8.5)	329 (5.0)	15 (1.8)	211 (14.0)	39 (1.1)	269 (11.1)	47 (1.3)	237 (8.7)			
Thailand	482 (4.0)	470 (3.9)	508 (4.5)	475 (4.2)	439 (4.3)	507 (3.5)	462 (4.2)	8 (0.5)	455 (4.8)	50 (1.1)	480 (4.8)	42 (1.2)	493 (5.2)			
Tunisia	430 (3.4)	442 (2.7)	441 (5.0)	425 (6.3)	439 (3.7)	462 (5.0)	451 (3.4)	13 (0.8)	438 (8.2)	39 (0.9)	434 (5.3)	48 (1.0)	425 (2.8)			
Turkey	433 (4.3)	435 (4.6)	444 (4.5)	441 (4.0)	437 (5.0)	461 (3.6)	445 (6.3)	6 (0.5)	409 (12.9)	44 (0.9)	433 (4.0)	51 (1.2)	444 (4.4)			
United States	515 (4.6)	504 (4.2)	520 (4.1)	498 (5.5)	508 (4.8)	509 (6.4)	522 (4.3)	24 (1.4)	495 (6.4)	60 (1.3)	532 (4.6)	16 (0.8)	502 (5.9)			

—Not available.

¹SAR=Special Administrative Region.²Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

NOTE: Data are for 8th-grade or equivalent in most countries. Possible scores range from 1 to 1,000. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study 1999, TIMSS 1999 International Science Report, by Michael O. Martin et al. Copyright © 2000. International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared June 2001.)

Table 410. Instructional practices and time spent teaching science in eighth-grade, by country: 1999

Country	Percent of students reporting almost always or pretty often						Number of hours science is taught weekly													
	We discuss our complete homework		Teacher shows us how to do science		We work on worksheets or textbooks on our own		We work on science projects		We begin our homework		Less than 2 hours		At least 2, but less than 3.5 hours		At least 3.5, but less than 5 hours		5 hours or more			
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1																				
Australia ¹	48 (1.6)	73 (1.4)	75 (1.2)	51 (1.6)	40 (1.5)	6 (1.8)	523 (15.2)	64 (3.9)	535 (5.5)	28 (3.5)	555 (8.2)	3 (1.2)	526 (16.0)							
Canada ²	56 (1.4)	74 (1.2)	76 (1.1)	62 (1.5)	68 (1.8)	7 (1.6)	501 (9.0)	71 (3.5)	536 (3.3)	17 (3.2)	549 (6.6)	5 (1.5)	520 (8.7)							
Chile	50 (1.1)	84 (0.9)	51 (1.0)	72 (1.2)	57 (1.1)	4 (1.5)	419 (9.9)	93 (1.9)	422 (4.2)	2 (1.2)	—	# (#)	394 (—)							
Chinese Taipei ³	50 (1.4)	88 (0.7)	61 (1.3)	52 (1.3)	29 (0.9)	—	—	—	—	—	—	—	—							
Cyprus ²	76 (0.9)	86 (0.9)	66 (1.0)	52 (1.1)	47 (1.2)	72 (3.7)	462 (3.3)	28 (3.7)	463 (5.5)	# (#)	—	# (#)	—							
England ²	53 (1.6)	87 (0.9)	63 (2.1)	55 (1.6)	28 (1.3)	7.2.1	582 (19.4)	72 (4.3)	532 (6.2)	17 (4.0)	568 (16.9)	4 (1.6)	668 (21.8)							
Hong Kong, SAR ⁴	33 (1.0)	86 (0.8)	54 (1.1)	43 (1.1)	34 (1.1)	4 (1.7)	525 (22.7)	79 (3.9)	532 (4.3)	7 (2.3)	551 (9.4)	10 (2.8)	514 (14.2)							
Indonesia ⁵	46 (1.1)	87 (0.8)	48 (1.7)	76 (1.1)	11 (0.8)	—	—	—	—	—	—	—	—							
Iran, Islamic Republic	49 (1.0)	89 (0.7)	43 (1.1)	38 (1.3)	33 (1.1)	29 (4.3)	455 (6.8)	54 (4.6)	445 (6.4)	9 (2.5)	458 (11.5)	8 (2.3)	454 (9.9)							
Israel ¹	63 (1.2)	62 (1.3)	67 (1.5)	49 (1.5)	55 (1.5)	23 (3.2)	460 (11.6)	68 (3.7)	472 (6.9)	9 (2.5)	467 (23.8)	# (#)	—							
Italy	49 (1.4)	56 (1.5)	38 (1.3)	35 (1.7)	30 (1.6)	27 (3.5)	498 (5.8)	71 (3.7)	490 (5.0)	1 (0.9)	—	1 (0.8)	—							
Japan	10 (0.8)	74 (1.1)	29 (1.3)	21 (0.8)	7 (0.6)	4 (1.3)	599 (14.2)	96 (1.3)	547 (2.4)	# (#)	—	# (#)	—							
Jordan	71 (1.2)	91 (0.8)	50 (1.2)	55 (1.4)	57 (1.0)	1 (#)	—	25 (3.6)	458 (9.4)	63 (4.1)	449 (4.8)	11 (2.8)	441 (15.2)							
Korea, Republic of	14 (0.8)	73 (1.1)	27 (0.8)	36 (1.0)	12 (0.6)	10 (1.9)	546 (4.7)	84 (2.6)	550 (2.8)	4 (1.7)	531 (8.6)	1 (0.8)	—							
Malaysia	51 (1.0)	89 (0.6)	56 (1.2)	41 (1.5)	45 (1.3)	1 (0.9)	—	96 (1.8)	493 (4.6)	3 (1.5)	497 (26.7)	# (#)	—							
New Zealand	53 (1.4)	81 (1.0)	70 (1.6)	57 (1.6)	35 (1.8)	2 (1.0)	—	55 (4.1)	508 (6.5)	41 (4.0)	516 (8.9)	2 (1.0)	—							
Philippines	77 (0.7)	86 (0.8)	64 (0.8)	64 (1.1)	51 (1.0)	4 (1.4)	368 (35.3)	2 (1.3)	—	2 (1.3)	—	92 (2.4)	347 (7.8)							
Singapore	58 (0.9)	85 (0.9)	75 (0.9)	39 (1.5)	44 (1.6)	5 (1.9)	497 (38.7)	42 (4.2)	550 (14.1)	50 (4.2)	586 (8.6)	4 (1.4)	608 (28.0)							
South Africa	71 (0.7)	84 (1.1)	68 (0.9)	66 (1.4)	67 (1.1)	26 (3.9)	235 (15.5)	33 (4.3)	256 (17.4)	33 (4.2)	251 (18.9)	8 (2.4)	259 (31.6)							
Thailand ¹	36 (1.2)	75 (1.2)	56 (1.1)	42 (1.7)	81 (0.8)	1 (1.0)	—	76 (4.2)	491 (5.5)	# (#)	—	23 (4.1)	461 (10.8)							
Tunisia	54 (1.2)	79 (0.8)	44 (1.2)	69 (0.9)	29 (1.0)	63 (4.1)	432 (4.2)	36 (4.1)	425 (4.3)	1 (#)	—	# (#)	—							
Turkey	32 (1.0)	90 (0.7)	38 (1.0)	29 (1.0)	22 (1.2)	12 (2.8)	439 (12.4)	82 (3.0)	432 (4.3)	1 (0.7)	—	4 (1.4)	416 (17.8)							
United States ¹	63 (1.9)	69 (1.4)	76 (1.5)	59 (1.3)	57 (2.0)	11 (2.3)	521 (18.3)	16 (2.3)	533 (11.4)	61 (3.0)	523 (5.0)	13 (2.0)	490 (8.0)							

—Not available.

Rounds to zero.

¹ Teacher response data on hours taught weekly available for 70 to 84 percent of students, with missing data having not been explicitly accounted for in the analysis.

² Teacher response data on hours taught weekly available for 50 to 69 percent of students, with missing data having not been explicitly accounted for in the analysis.

³ Students were asked about "natural science;" data pertain to grade 8 physics/chemistry.

⁴ SAR=Special Administrative Region.

⁵ Students were asked about "IPA science;" data pertain to the composite course taught by biology and physics teachers

NOTE: Data are for 8th-grade or equivalent in most countries. Possible scores range from 1 to 1,000. Standard errors appear in parentheses. In the 23 countries shown, science is taught as a single subject. In other countries, separate courses are offered in the different science subjects (earth science, biology, physics, and chemistry). Detail may not sum to totals due to rounding.

SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study 1999, *International Science Report*, by Michael O. Martin et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared July 2001.)

Table 411. Average science scores at the end of secondary school, by sex, average time spent studying science out of school, and country: 1995

Country	Average score in science			Amount of daily out-of-school study time in science						Average hours ¹
	Science overall	Males	Females	Less than 1 hour		One to two hours		Three or more hours		
				Percent	Mean score	Percent	Mean score	Percent	Mean score	
1	2	3	4	5	6	7	8	9	10	11
Australia ²	527 (9.8)	547 (11.5)	513 (9.4)	58 (1.8)	540 (9.5)	35 (1.7)	575 (6.9)	7 (1.0)	588 (33.0)	1.0 (0.04)
Austria ²	520 (5.6)	554 (8.7)	501 (5.8)	87 (1.4)	529 (6.0)	11 (1.4)	526 (13.8)	1 (0.3)	— (—)	0.4 (0.03)
Canada ²	532 (2.6)	550 (3.6)	518 (3.8)	57 (2.1)	554 (4.2)	35 (1.8)	567 (6.8)	8 (0.9)	537 (18.0)	1.1 (0.05)
Cyprus ²	448 (3.0)	459 (5.8)	439 (3.0)	80 (1.1)	436 (3.7)	16 (0.9)	483 (10.7)	4 (0.6)	552 (11.8)	0.5 (0.03)
Czech Republic	487 (8.8)	512 (8.8)	460 (11.0)	84 (2.6)	520 (11.6)	14 (2.3)	571 (11.5)	3 (0.5)	583 (13.6)	0.5 (0.05)
Denmark ²	509 (3.6)	532 (5.4)	490 (4.1)	73 (1.8)	555 (4.7)	25 (1.6)	570 (6.1)	3 (0.6)	565 (15.0)	0.7 (0.03)
France ²	487 (5.1)	508 (6.7)	468 (4.8)	59 (2.0)	497 (5.7)	35 (1.8)	525 (7.0)	6 (0.8)	515 (9.1)	1.0 (0.04)
Germany ²	497 (5.1)	514 (7.9)	478 (8.5)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)
Hungary	471 (3.0)	484 (4.2)	455 (4.3)	67 (1.2)	475 (3.9)	27 (0.9)	486 (4.9)	6 (0.6)	497 (11.5)	0.4 (0.03)
Iceland ²	549 (1.5)	572 (2.7)	530 (2.1)	87 (1.0)	566 (2.5)	12 (1.0)	575 (4.6)	1 (0.3)	— (—)	0.9 (0.01)
Italy ²	475 (5.3)	495 (6.7)	458 (5.6)	70 (2.8)	487 (6.3)	25 (2.5)	482 (9.7)	5 (1.2)	462 (13.9)	0.8 (0.06)
Lithuania ²	461 (5.7)	481 (6.4)	450 (7.3)	69 (1.5)	465 (5.5)	26 (1.3)	469 (6.5)	5 (0.6)	470 (11.4)	0.8 (0.03)
Netherlands ²	558 (5.3)	582 (5.7)	532 (6.2)	78 (2.8)	593 (6.4)	20 (2.9)	605 (16.9)	1 (0.4)	— (—)	0.7 (0.03)
New Zealand	529 (5.2)	543 (7.1)	515 (5.2)	80 (1.1)	551 (6.3)	18 (1.1)	581 (6.6)	3 (0.5)	553 (15.3)	0.6 (0.02)
Norway ²	544 (4.1)	574 (5.1)	513 (4.5)	74 (2.4)	592 (7.1)	23 (2.2)	598 (10.8)	3 (0.7)	583 (23.8)	0.5 (0.02)
Russian Federation ²	481 (5.7)	510 (5.7)	463 (6.7)	61 (1.6)	478 (6.0)	30 (1.3)	488 (7.0)	10 (0.8)	501 (8.0)	1.1 (0.04)
Slovenia ²	517 (8.2)	541 (12.7)	494 (6.4)	85 (2.0)	528 (8.1)	13 (1.9)	548 (8.9)	2 (0.6)	— (—)	0.5 (0.04)
South Africa ²	349 (10.5)	367 (11.5)	333 (13.0)	47 (1.6)	373 (15.5)	35 (1.3)	367 (12.2)	18 (1.4)	326 (7.3)	1.5 (0.05)
Sweden	559 (4.4)	585 (5.9)	534 (3.5)	81 (1.9)	599 (7.4)	17 (1.8)	632 (10.1)	2 (0.5)	— (—)	0.6 (0.03)
Switzerland	523 (5.3)	540 (6.1)	500 (7.8)	76 (2.3)	564 (6.6)	21 (2.3)	564 (10.9)	3 (0.9)	508 (29.0)	0.7 (0.04)
United States ²	480 (3.3)	492 (4.5)	469 (3.9)	76 (2.1)	505 (4.3)	21 (2.1)	517 (5.7)	2 (0.4)	— (—)	0.7 (0.04)

—Not available.

¹ Average hours based on: No time = 0; Less than 1 hour = .5; 1–2 hours = 1.5; 3–5 hours = 4; More than 5 hours = 7.² Countries not meeting all International Association for the Evaluation of Education Achievement's sampling specifications.

NOTE: End of secondary school is equivalent to 12th-grade in the U.S. and a few other countries, but ranges from 9th- to 14th-grade among the survey countries. Possible

scores range from 1 to 1,000. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics and Science Achievement in the Final Year of Secondary School: IEA's Third International Mathematics and Science Study, 1998*, by Ina V.S. Mullis et al. Copyright © 1998 Boston College, Chestnut Hill, MA. (This table was prepared October 1998.)

Table 412. Number of bachelor's degree recipients per 100 persons of the theoretical age of graduation, by sex and country: Selected years, 1989 to 2000

Country	Men and women							Men					Women				
	1989	1990	1992	1995	1996	1999	2000	1989	1990	1992	1995	1996	1989	1990	1992	1995	1996
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Australia	19.6	—	28.5	34.9	36.0	27.0	36.3	18.9	—	23.7	27.6	28.9	21.1	—	33.6	42.7	43.3
Austria	6.6	7.7	—	9.8	10.5	12.0	16.0	7.6	8.5	—	10.6	11.4	5.5	6.8	—	8.9	9.6
Belgium ¹	16.5	17.1	—	—	15.9	17.8	—	18.9	19.5	—	—	16.7	14.1	14.7	—	—	15.2
Canada	—	—	32.2	31.8	31.9	29.3	27.9	—	—	27.6	26.4	26.5	—	—	37.6	37.4	37.4
Czech Republic	—	—	—	—	—	10.8	13.6	—	—	—	—	—	—	—	—	—	—
Denmark	12.9	15.0	22.3	28.5	28.0	—	9.2	11.5	13.3	17.7	25.1	23.1	14.4	16.9	27.2	31.9	33.0
Finland	16.9	17.1	—	22.2	23.9	33.9	36.3	17.1	17.0	—	22.0	22.4	16.6	17.1	17.9	22.3	25.6
France	13.8	14.9	—	—	—	24.9	24.6	13.7	14.7	—	—	—	13.9	15.1	—	—	—
Germany ²	13.2	12.9	—	16.2	16.1	16.0	19.3	16.1	15.7	—	18.2	18.2	10.1	10.0	—	14.0	13.5
Hungary	—	—	—	—	—	26.9	—	—	—	—	—	—	—	—	—	—	—
Iceland	—	—	—	—	—	28.9	33.2	—	—	—	—	—	—	—	—	—	—
Ireland	16.4	17.4	17.8	21.2	25.5	26.0	31.2	31.9	17.5	17.9	19.9	24.6	—	17.3	17.7	22.7	26.4
Italy	8.9	9.2	—	11.8	12.6	16.0	18.1	9.1	9.3	—	10.8	11.4	8.7	9.0	—	12.9	13.8
Japan	—	22.1	23.2	22.8	22.9	29.0	30.9	—	31.5	31.9	30.4	30.7	—	12.4	14.0	14.9	14.9
Korea, Republic of	—	—	—	—	—	27.1	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	11.2	—	—	—	—	—	—	—	—	—	—	—
Netherlands	10.2	8.0	17.6	22.0	19.6	33.5	—	12.3	9.4	17.3	20.6	18.2	7.9	6.5	17.8	23.4	21.1
New Zealand	36.1	15.3	17.2	24.7	30.8	37.3	—	16.6	15.4	16.9	20.9	26.2	15.5	15.1	17.4	28.6	35.4
Norway	24.6	27.5	19.0	23.0	27.4	33.9	—	18.1	19.1	14.5	17.2	20.2	31.7	36.3	23.7	28.9	34.8
Portugal	—	7.6	—	14.6	15.7	—	—	—	5.9	—	10.8	11.3	—	9.3	—	18.3	20.2
Spain	17.7	18.6	—	24.0	26.1	30.3	—	14.6	15.3	—	19.6	21.5	21.0	22.0	—	28.6	31.0
Sweden	13.0	12.2	14.1	15.5	19.1	27.2	28.1	11.1	10.5	11.8	14.0	15.1	15.1	14.0	16.4	17.0	23.3
Switzerland	7.7	7.7	—	9.1	9.3	20.5	10.4	10.1	10.3	—	11.4	11.5	5.3	5.1	—	6.8	7.2
Turkey	6.0	6.1	6.1	7.0	—	9.6	—	7.3	7.5	7.5	8.6	—	4.6	4.5	4.6	5.2	—
United Kingdom	—	—	20.4	31.6	34.4	36.8	37.5	—	—	21.0	30.3	32.7	—	—	19.8	32.9	36.2
United States	27.3	28.6	27.4	33.2	34.7	33.2	33.2	25.5	26.2	24.6	29.3	30.6	29.2	31.1	30.3	37.3	38.9

—Not available.

¹ Data for Flemish Belgium only.² Data for 1989 are for the former West Germany.

NOTE: The graduation rate relates the number of people with bachelor's degrees to the number of people in the population at the typical age of graduation. Data for 1999

and 2000 reflect a reclassification of degree levels and may not be comparable to figures for earlier years.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance 2002*, and previously unpublished tabulations. (This table was prepared August 2003.)

Table 413. Percent of bachelor's degrees awarded in science, by field and country: Selected years, 1985 to 2000

Country	All science degrees					Natural sciences					Mathematics and computer science					Engineering				
	1985	1990	1995	1999	2000	1985	1990	1995	1999	2000	1985	1990	1995	1999	2000	1985	1990	1995	1999	2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Australia	—	—	19.3	19.4	21.1	—	—	9.9	7.0	7.6	—	—	3.8	4.5	5.1	—	—	5.6	7.9	8.5
Austria	16.8	19.6	21.1	26.0	25.7	5.0	5.3	6.0	6.3	5.0	4.1	5.2	5.3	3.2	3.4	7.7	9.0	9.9	16.5	17.3
Belgium ¹	—	—	—	25.3	—	4.6	—	—	6.1	—	1.7	—	—	2.3	—	—	—	—	—	17.0
Canada	17.1	16.4	16.7	19.7	20.0	4.9	6.0	6.5	8.2	8.1	4.5	4.2	3.8	4.0	4.3	7.7	6.2	6.4	7.5	7.6
Czech Republic	—	—	—	29.3	29.5	—	—	—	3.8	4.2	—	—	—	3.0	8.4	—	—	—	—	22.5
Denmark	—	—	—	—	10.5	6.3	4.4	2.5	—	6.8	—	—	—	—	3.1	16.2	21.7	17.0	—	0.6
Finland	39.3	33.5	37.2	33.2	32.2	7.7	4.1	4.0	0.6	3.9	6.3	5.9	6.9	2.4	3.3	25.3	23.4	26.3	30.2	24.9
France	—	—	—	27.1	30.1	—	—	—	—	12.2	—	—	—	—	5.5	—	—	—	—	12.5
Germany ²	23.8	31.3	31.6	33.5	31.7	5.0	7.2	6.7	6.9	6.4	2.3	3.5	5.2	5.2	4.9	16.5	20.5	19.7	21.4	20.3
Hungary	—	—	—	17.3	12.6	—	—	—	1.1	1.1	—	—	—	1.3	1.2	—	—	—	—	14.9
Iceland	—	—	—	13.6	16.5	—	—	—	6.1	6.0	—	—	—	2.6	4.0	—	—	—	—	4.9
Ireland	28.8	34.1	32.3	25.8	29.3	12.8	14.1	16.9	8.8	11.5	4.0	6.3	4.7	7.1	7.2	12.0	13.7	10.7	10.0	10.6
Italy	19.5	19.7	19.5	27.6	27.5	8.1	7.6	6.8	6.0	5.9	3.1	3.9	3.8	3.4	3.2	8.3	8.3	8.9	18.2	18.4
Japan	22.7	23.5	22.8	18.9	18.9	2.4	2.4	3.4	—	—	—	—	—	—	—	20.3	21.0	19.3	18.9	18.9
Korea, Republic of	—	—	—	36.7	36.9	—	—	—	6.3	6.3	—	—	—	4.5	4.3	—	—	—	—	25.9
Mexico	—	—	—	22.9	23.0	—	—	—	2.1	2.2	—	—	—	7.0	6.7	—	—	—	—	13.8
Netherlands	21.8	21.1	—	16.5	16.2	8.5	7.1	—	3.2	3.2	1.2	1.6	1.6	1.7	1.9	12.1	12.4	—	—	11.6
New Zealand	20.5	19.5	—	18.6	17.8	11.7	8.2	—	12.1	11.2	5.5	5.5	—	1.6	1.9	3.3	5.8	3.2	5.0	4.7
Norway	—	12.9	16.8	12.8	11.6	2.5	2.1	3.1	0.8	0.7	1.8	0.6	0.5	2.8	3.4	—	10.2	13.2	9.3	7.5
Poland	—	—	—	16.5	16.7	—	—	—	2.1	2.7	—	—	—	1.8	2.0	—	—	—	—	12.6
Portugal	—	—	15.0	—	17.5	6.5	6.7	2.2	—	1.7	—	—	2.8	—	3.6	—	10.5	9.9	—	12.2
Spain	13.9	15.0	18.2	21.0	22.7	5.5	5.7	4.3	4.8	5.3	1.3	2.6	4.5	3.9	4.3	7.0	6.7	9.4	12.3	13.1
Sweden	15.4	24.0	26.4	25.0	27.7	2.6	4.1	3.9	3.6	3.7	1.6	4.7	5.5	3.0	3.7	11.3	15.2	17.0	18.4	20.3
Switzerland	20.2	23.0	22.3	25.1	25.1	10.3	11.2	10.4	6.5	6.0	2.1	3.7	3.7	1.8	1.8	7.9	8.1	8.3	16.8	17.3
Turkey	23.0	20.6	20.9	24.2	24.1	3.6	4.6	5.1	7.1	7.4	1.6	2.1	2.7	3.7	3.6	17.8	13.8	13.1	13.4	13.1
United Kingdom	—	—	—	28.9	28.5	—	—	—	9.8	12.5	—	—	—	6.4	5.8	—	—	—	—	12.7
United States	21.7	16.9	—	17.4	17.1	6.3	5.1	—	7.2	6.6	5.5	4.0	3.3	3.3	3.9	9.8	7.8	6.7	6.9	6.6

—Not available.

¹ Data for the Flemish Belgium only.² Data for 1985 are for the former West Germany.

SOURCE: Organization for Economic Cooperation and Development, previously unpublished tabulations. (This table was prepared May 2003.)

Table 414. Percent of graduate degrees awarded in science, by field and country: Selected years, 1985 to 2000

Country	All science degrees						Natural sciences						Mathematics and computer science						Engineering											
	1985		1990		1996		1999		2000		1985		1990		1996		1999		2000		1985		1990		1996		1999		2000	
	1985	1990	1996	1999	2000	1985	1990	1996	1999	2000	1985	1990	1996	1999	2000	1985	1990	1996	1999	2000	1985	1990	1996	1999	2000	1985	1990	1996	1999	2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	17	18	19	20	21	17	18	19	20	21
Australia	—	—	14.0	17.9	15.2	—	—	5.4	6.3	4.0	—	—	3.8	3.8	4.9	—	—	4.7	7.7	—	—	4.7	4.7	7.7	—	—	—	—	6.3	
Austria	43.3	37.7	38.8	38.4	39.2	14.2	12.3	17.5	15.0	16.7	7.3	4.6	4.7	3.6	4.7	21.7	20.8	16.6	19.8	17.7	—	—	16.6	19.8	17.7	—	—	—	8.3	
Belgium ¹	—	—	—	17.6	—	—	—	—	7.0	—	—	—	—	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Canada	19.7	20.0	22.3	23.0	22.4	7.5	7.8	7.7	7.9	7.4	2.8	3.4	3.5	3.6	4.1	9.4	8.8	11.2	11.5	10.9	—	—	—	—	—	—	—	—	—	
Czech Republic	—	—	—	21.3	21.0	—	—	—	5.6	5.3	—	—	—	6.3	7.9	—	—	—	—	7.7	—	—	—	—	—	—	—	—	7.7	
Denmark	16.0	22.2	12.3	—	30.2	4.1	5.8	3.1	—	9.8	2.7	4.8	1.5	—	2.5	9.2	11.6	7.8	—	15.4	—	—	—	—	—	—	—	—	15.4	
Finland	47.6	30.6	28.3	31.1	28.7	24.0	14.7	11.6	8.5	11.3	6.3	5.4	4.0	3.9	2.4	17.2	10.5	12.7	18.7	14.9	—	—	—	—	—	—	—	—	14.9	
France	—	—	—	21.0	26.4	—	—	—	6.4	13.5	—	—	—	1.6	5.6	—	—	—	—	7.3	—	—	—	—	—	—	—	—	7.3	
Germany ²	27.7	33.2	38.6	38.9	38.1	18.7	23.5	25.5	25.2	24.9	1.8	2.3	3.5	4.0	3.7	7.2	7.4	9.5	9.8	9.5	—	—	—	—	—	—	—	—	9.5	
Hungary	—	—	—	13.5	9.9	—	—	—	4.8	1.7	—	—	—	1.2	0.7	—	—	—	—	7.6	—	—	—	—	—	—	—	—	7.6	
Iceland	—	—	—	30.7	35.9	—	—	—	20.0	19.4	—	—	—	—	—	—	—	—	—	10.7	—	—	—	—	—	—	—	—	10.7	
Ireland	31.4	34.5	23.1	24.8	28.1	18.9	19.5	10.9	4.0	6.9	2.6	5.8	3.0	16.0	15.2	9.9	9.3	9.2	4.8	6.0	—	—	—	—	—	—	—	—	6.0	
Italy	—	—	—	13.1	11.7	—	—	—	1.0	0.3	—	—	—	6.5	5.8	—	—	—	—	5.6	—	—	—	—	—	—	—	—	5.6	
Japan	50.1	54.6	—	42.4	51.7	9.5	9.5	10.2	—	—	—	—	—	—	0.0	40.5	45.1	44.4	42.4	41.9	—	—	—	—	—	—	—	—	41.9	
Korea, Republic of	—	—	—	48.3	48.4	—	—	—	8.8	8.5	—	—	—	4.1	5.7	—	—	—	—	35.4	—	—	—	—	—	—	—	—	35.4	
Mexico	—	—	—	22.7	31.4	—	—	—	14.3	18.9	—	—	—	2.0	4.1	—	—	—	—	6.4	—	—	—	—	—	—	—	—	6.4	
Netherlands	—	28.9	18.6	17.6	—	20.6	17.7	4.4	—	—	—	—	—	3.7	8.7	—	—	—	—	8.8	—	—	—	—	—	—	—	—	8.8	
New Zealand	45.1	22.6	16.7	24.4	20.5	24.6	13.8	12.7	13.4	11.6	5.4	4.7	1.1	1.5	1.4	15.1	4.0	3.0	9.4	7.5	—	—	—	—	—	—	—	—	7.5	
Norway	40.1	33.4	38.3	21.0	22.0	17.9	8.0	8.7	15.0	14.9	3.5	2.1	1.9	4.3	4.6	18.7	23.3	27.7	27.7	2.5	—	—	—	—	—	—	—	—	2.5	
Poland	—	—	—	3.1	3.3	—	—	—	0.6	0.7	—	—	—	0.9	0.7	—	—	—	—	1.7	—	—	—	—	—	—	—	—	1.7	
Portugal	—	—	—	—	39.3	—	—	—	—	11.7	—	—	—	—	—	—	—	—	—	18.2	—	—	—	—	—	—	—	—	18.2	
Spain	35.6	26.9	36.0	40.1	36.1	28.6	19.7	24.8	24.8	23.9	1.8	1.4	4.1	4.2	5.4	5.1	5.7	7.1	11.1	6.8	—	—	—	—	—	—	—	—	6.8	
Sweden	48.0	48.5	32.3	41.5	40.5	21.2	19.4	9.2	14.4	14.3	6.8	9.2	5.9	4.1	4.0	20.0	19.9	17.1	23.0	22.2	—	—	—	—	—	—	—	—	22.2	
Switzerland	30.7	30.2	40.1	41.5	42.7	20.3	22.0	25.8	11.4	11.7	2.8	1.7	4.1	17.0	19.5	7.6	6.5	10.1	13.1	11.6	—	—	—	—	—	—	—	—	11.6	
Turkey	35.8	24.0	—	29.8	25.7	6.6	7.6	—	8.0	7.6	2.8	3.3	—	3.0	3.0	26.3	13.2	—	18.7	15.2	—	—	—	—	—	—	—	—	15.2	
United Kingdom	—	—	—	21.8	21.7	—	—	—	6.0	7.4	—	—	—	4.7	5.0	—	—	—	—	9.2	—	—	—	—	—	—	—	—	9.2	
United States	13.5	14.5	13.8	13.7	13.0	4.5	4.2	4.0	3.8	3.4	2.8	3.4	3.2	3.1	3.4	6.3	6.9	6.7	6.8	6.2	—	—	—	—	—	—	—	—	6.2	

—Not available.

¹Data for Flemish Belgium only.²Data for 1985 are for the former West Germany.

SOURCE: Organization for Economic Cooperation and Development, previously unpublished tabulations. (This table was prepared May 2003.)

Table 415. Public and private education expenditures per student, by level of education and country: 1999 and 2000

[In constant 2000 dollars]

Country	Primary		Secondary		Higher education	
	1999	2000	1999	2000	1999	2000
1	2	3	4	5	6	7
Australia	\$5,022	\$4,967	\$7,081	\$6,894	\$12,121	\$12,854
Austria	6,790	6,560	8,791	8,578	12,478	10,851
Belgium	4,498	4,310	7,018	6,889	10,395	10,771
Canada	—	—	¹ 6,183	¹ 5,947	15,725	14,983
Czech Republic	1,829	1,827	3,517	3,239	5,880	5,431
Denmark	6,948	7,074	7,884	7,726	11,017	11,981
Finland	4,278	4,317	6,061	6,094	8,388	8,244
France	4,247	4,486	7,382	7,636	8,095	8,373
Germany	3,947	4,198	6,826	6,826	10,744	10,898
Greece ²	2,249	3,318	3,002	3,859	4,404	3,402
Hungary ²	2,253	2,245	2,448	2,446	6,059	7,024
Iceland ²	—	5,854	—	6,518	—	7,994
Ireland	3,120	3,385	4,531	4,638	10,000	11,083
Italy ²	5,535	5,973	6,738	7,218	7,807	8,065
Japan	5,417	5,507	6,243	6,266	10,625	10,914
Korea, Republic of	2,934	3,155	3,534	4,069	5,537	6,118
Luxembourg	—	—	—	—	—	—
Mexico	1,133	1,291	1,530	1,615	4,951	4,688
Netherlands	4,303	4,325	5,861	5,912	12,700	11,934
New Zealand	—	—	—	—	—	—
Norway ²	6,120	6,550	7,886	8,476	12,504	13,353
Poland ²	2,165	2,105	1,388	—	4,008	3,222
Portugal	3,595	3,672	5,356	5,349	4,964	4,766
Slovak Republic	—	1,308	2,236	1,927	5,505	4,949
Spain	3,758	3,941	5,028	5,185	5,900	6,666
Sweden	5,930	6,336	6,111	6,339	14,702	15,097
Switzerland ²	6,888	6,631	10,085	9,780	18,605	18,450
Turkey ²	—	—	—	—	4,474	4,121
United Kingdom	3,749	3,877	5,797	5,991	9,877	9,657
United States	6,804	6,995	8,432	8,855	19,869	20,358

—Not available.

¹ Includes primary education.² Public institutions only.SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance, 2002* and *Education at a Glance, 2003*. (This table was prepared September 2003.)

NOTE: Data adjusted to U.S. dollars using the purchasing-power-parity (PPP) index.

Table 416. Total public direct expenditures on education as a percentage of the gross domestic product, by level and country: Selected years, 1985 to 2000

Country	All institutions ¹					Primary and secondary institutions					Higher education institutions				
	1985	1990	1995	1999	2000	1985	1990	1995	1999	2000	1985	1990	1995	1999	2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Average for year	5.3	4.9	4.9	5.1	5.2	3.7	3.5	3.4	3.5	3.5	1.1	1.0	0.9	1.2	1.2
Average for countries reporting data for all years	5.4	5.2	5.3	5.6	5.4	3.7	3.7	3.6	3.7	3.6	1.1	1.1	1.1	1.4	1.4
Australia	5.4	4.3	4.5	5.0	5.1	3.5	3.2	3.2	3.8	3.9	1.7	1.0	1.2	1.2	1.2
Austria	5.6	5.2	5.3	6.3	5.8	3.7	3.6	3.8	4.1	3.8	1.0	1.0	0.9	1.7	1.4
Belgium ²	6.3	4.8	5.0	5.5	5.2	4.0	3.4	3.4	3.5	3.4	1.0	0.8	0.9	1.5	1.3
Canada	6.1	5.4	5.8	5.7	5.5	4.1	3.7	4.0	3.5	3.3	2.0	1.5	1.5	1.9	2.0
Czech Republic	—	—	4.8	4.4	4.4	—	—	3.4	3.0	3.0	—	—	0.7	0.8	0.8
Denmark	6.2	6.2	6.5	8.1	8.4	4.7	4.4	4.2	4.8	4.8	1.2	1.3	1.3	2.4	2.5
Finland	5.8	6.4	6.6	6.2	6.0	—	4.3	4.2	3.8	3.6	—	1.2	1.7	2.1	2.0
France	—	5.1	5.8	6.0	5.8	—	3.7	4.1	4.2	4.1	—	0.8	1.0	1.1	1.0
Germany ³	4.6	—	4.5	4.7	4.5	2.8	—	2.9	3.0	3.0	1.0	—	1.0	1.1	1.1
Greece	—	—	3.7	3.6	3.8	—	—	2.8	2.4	2.7	—	—	0.8	1.1	0.9
Hungary	—	5.0	4.9	4.7	4.9	—	3.5	3.3	2.9	3.1	—	0.8	0.8	0.9	1.0
Iceland	—	4.3	4.5	—	6.0	—	3.3	3.4	—	4.7	—	0.6	0.7	—	1.1
Ireland	5.6	4.7	4.7	4.3	4.4	4.0	3.3	3.3	3.1	3.0	0.9	0.9	0.9	1.2	1.3
Italy	4.7	5.8	4.5	4.5	4.6	3.2	4.1	3.2	3.2	3.2	0.6	1.0	0.7	0.8	0.8
Japan	—	3.6	3.6	3.5	3.6	—	2.9	2.8	2.7	2.7	—	0.4	0.4	0.5	0.5
Korea, Republic of	—	—	3.6	4.1	4.3	—	—	3.0	3.2	3.3	—	—	0.3	0.6	0.7
Luxembourg	—	—	4.3	—	—	—	—	4.2	—	—	—	—	0.1	—	—
Mexico	—	3.2	4.6	4.4	4.9	—	2.2	3.4	3.1	3.4	—	0.7	0.8	0.8	0.9
Netherlands	6.2	5.7	4.6	4.8	4.8	4.1	3.6	3.0	3.1	3.2	1.5	1.6	1.1	1.3	1.3
New Zealand	—	5.5	5.3	6.3	7.0	—	3.9	3.8	4.8	4.9	—	1.2	1.1	1.2	1.7
Norway	5.1	6.2	6.8	7.4	6.7	4.0	4.1	4.1	4.3	3.9	0.7	1.1	1.5	2.0	1.7
Poland	—	—	5.2	5.2	5.2	—	—	3.3	3.6	3.8	—	—	0.8	0.8	0.8
Portugal	—	—	5.4	5.7	5.7	—	—	4.1	4.2	4.2	—	—	1.0	1.0	1.0
Russian Federation	—	—	3.4	⁴ 3.0	3.0	—	—	1.9	—	1.7	—	—	0.7	—	0.5
Spain	3.6	4.2	4.8	4.5	4.4	2.9	3.2	3.5	3.3	3.1	0.4	0.7	0.8	0.9	1.0
Sweden	—	5.3	6.6	7.7	7.4	—	4.4	4.4	5.1	4.9	—	1.0	1.6	2.1	2.0
Switzerland	4.9	5.0	5.5	5.5	5.4	4.0	3.7	4.1	4.0	3.9	0.9	1.0	1.1	1.2	1.2
Turkey	—	3.2	2.2	4.0	3.5	—	2.3	1.4	2.9	2.4	—	0.9	0.8	1.1	1.1
United Kingdom	4.9	4.3	4.6	4.7	4.8	3.1	3.5	3.8	3.3	3.4	1.0	0.7	0.7	1.1	1.0
United States	4.7	5.3	5.0	5.2	5.0	3.2	3.8	3.5	3.5	3.5	1.3	1.4	1.1	1.4	1.1

—Not available.

¹ Includes preprimary and other expenditures not classified by level.² Data are for Flemish Belgium only.³ Data for 1985 are for the former West Germany.⁴ Data are for 2000.

NOTE: Direct public expenditure on educational services includes both amounts spent directly by governments to hire educational personnel and to procure other resources,

and amounts provided by governments to public or private institutions, or households. Figures for 1985 also include transfers and payments to private entities, and thus are not strictly comparable with later figures. Some data revised from previously published figures.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education Database; Annual National Accounts*, Vol. 1, 1997; and *Education at a Glance*, 2000 through 2003. (This table was prepared September 2003.)

Table 417. Foreign students enrolled in institutions of higher education in the United States and outlying areas, by continent, region, and selected countries of origin: Selected years, 1980–81 to 2001–02

Continent, region, and country	1980–81		1985–86		1990–91		1995–96		1998–99		1999–2000		2000–01		2001–02	
	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	311,880	100.0	343,780	100.0	407,530	100.0	453,787	100.0	490,933	100.0	514,723	100.0	547,867	100.0	582,996	100.0
Africa	38,180	12.2	34,190	9.9	23,800	5.8	20,844	4.59	26,222	5.3	30,292	5.9	34,217	6.2	37,724	6.5
Eastern Africa	6,260	2.0	6,730	2.0	7,590	1.9	7,596	1.67	10,189	2.1	11,559	2.2	13,516	2.5	15,331	2.6
Central Africa	1,130	0.4	1,540	0.4	1,650	0.4	1,346	0.30	1,413	0.3	1,775	0.3	1,859	0.3	1,972	0.3
North Africa	7,310	2.3	5,980	1.7	4,540	1.1	3,422	0.75	4,151	0.8	4,525	0.9	5,184	0.9	5,593	1.0
Southern Africa	1,480	0.5	2,360	0.7	2,840	0.7	2,657	0.59	2,956	0.6	3,247	0.6	3,304	0.6	3,443	0.6
West Africa	22,000	7.1	17,580	5.1	7,180	1.8	5,818	1.28	7,513	1.5	9,176	1.8	10,346	1.9	11,385	2.0
Nigeria	17,350	5.6	13,710	4.0	3,710	0.9	2,093	0.46	2,876	0.6	3,602	0.7	3,820	0.7	4,499	0.8
Asia	94,640	30.3	156,830	45.6	229,830	56.4	259,893	57.27	275,076	56.0	280,146	54.4	302,058	55.1	324,812	55.7
East Asia	51,650	16.6	80,720	23.5	146,020	35.8	166,717	36.74	177,141	36.1	180,146	35.0	189,371	34.6	196,813	33.8
China	2,770	0.9	13,980	4.1	39,600	9.7	39,613	8.73	51,001	10.4	54,466	10.6	59,939	10.9	63,211	10.8
Hong Kong	9,660	3.1	10,710	3.1	12,630	3.1	12,018	2.65	8,735	1.8	7,545	1.5	7,627	1.4	7,757	1.3
Japan	13,500	4.3	13,360	3.9	36,610	9.0	45,531	10.03	46,406	9.5	46,872	9.1	46,497	8.5	46,810	8.0
Korea, Republic of	6,150	2.0	18,660	5.4	23,360	5.7	36,231	7.98	39,199	8.0	41,191	8.0	45,685	8.3	49,046	8.4
Taiwan	19,460	6.2	23,770	6.9	33,530	8.2	32,702	7.21	31,043	6.3	29,234	5.7	28,566	5.2	28,930	5.0
South and Central Asia	14,540	4.7	25,800	7.5	42,370	10.4	45,401	10.00	52,602	10.7	58,148	11.3	71,765	13.1	86,131	14.8
India	9,250	3.0	16,070	4.7	28,860	7.1	31,743	7.00	37,482	7.6	42,337	8.2	54,664	10.0	66,836	11.5
Pakistan	2,990	1.0	5,440	1.6	7,730	1.9	6,427	1.42	5,905	1.2	6,107	1.2	6,948	1.3	8,644	1.5
South East Asia	28,450	9.1	50,310	14.6	41,440	10.2	47,774	10.53	45,333	9.2	41,852	8.1	40,916	7.5	41,868	7.2
Indonesia	3,250	1.0	8,210	2.4	9,520	2.3	12,820	2.83	12,142	2.5	11,300	2.2	11,625	2.1	11,614	2.0
Malaysia	6,010	1.9	23,020	6.7	13,610	3.3	14,015	3.09	11,557	2.4	9,074	1.8	7,795	1.4	7,395	1.3
Philippines	—	—	3,920	1.1	4,270	1.0	3,127	0.69	2,864	0.6	3,143	0.6	3,139	0.6	3,295	0.6
Singapore	—	—	3,930	1.1	4,500	1.1	4,098	0.90	4,030	0.8	4,250	0.8	4,166	0.8	4,141	0.7
Thailand	6,550	2.1	6,940	2.0	7,090	1.7	12,165	2.68	12,489	2.5	10,983	2.1	11,187	2.0	11,606	2.0
Europe	25,330	8.1	34,310	10.0	49,640	12.2	67,358	14.84	73,809	15.0	78,485	15.2	80,584	14.7	81,579	14.0
Eastern Europe	1,670	0.5	1,770	0.5	4,780	1.2	18,032	3.97	23,131	4.7	25,731	5.0	27,674	5.1	29,591	5.1
Western Europe	23,660	7.6	32,540	9.5	44,860	11.0	49,326	10.87	50,674	10.3	52,754	10.2	52,910	9.7	51,988	8.9
France	—	—	3,680	1.1	5,630	1.4	5,710	1.26	6,241	1.3	6,877	1.3	7,273	1.3	7,401	1.3
Germany ¹	3,310	1.1	4,730	1.4	7,000	1.7	9,017	1.99	9,568	1.9	9,800	1.9	10,128	1.8	9,613	1.6
Greece	3,750	1.2	4,440	1.3	4,360	1.1	3,365	0.74	2,847	0.6	2,782	0.5	2,768	0.5	2,599	0.4
Spain	—	—	1,740	0.5	4,300	1.1	4,809	1.06	4,195	0.9	4,337	0.8	4,156	0.8	4,048	0.7
United Kingdom	4,440	1.4	5,940	1.7	7,300	1.8	7,799	1.72	7,765	1.6	7,990	1.6	8,139	1.5	8,414	1.4
Latin America	49,810	16.0	45,480	13.2	47,580	11.7	47,253	10.41	55,436	11.3	62,098	12.1	63,634	11.6	68,358	11.7
Caribbean	10,650	3.4	11,100	3.2	12,610	3.1	10,737	2.37	11,884	2.4	13,828	2.7	14,423	2.6	13,879	2.4
Central America	12,970	4.2	12,740	3.7	15,950	3.9	14,220	3.13	15,455	3.1	16,854	3.3	16,764	3.1	18,826	3.2
Mexico	6,730	2.2	5,460	1.6	6,740	1.7	8,687	1.91	9,641	2.0	10,607	2.1	10,670	1.9	12,518	2.1
South America	26,190	8.4	21,640	6.3	19,020	4.7	22,296	4.91	28,097	5.7	31,416	6.1	32,447	5.9	35,653	6.1
Brazil	—	—	2,840	0.8	3,900	1.0	5,497	1.21	8,052	1.6	8,600	1.7	8,846	1.6	8,972	1.5
Colombia	—	—	4,010	1.2	3,180	0.8	3,462	0.76	5,041	1.0	6,277	1.2	6,765	1.2	8,068	1.4
Venezuela	11,750	3.8	7,040	2.0	2,890	0.7	4,456	0.98	5,133	1.0	5,125	1.0	5,217	1.0	5,627	1.0
Middle East	84,710	27.2	52,720	15.3	33,420	8.2	30,563	6.74	32,836	6.7	34,897	6.8	36,858	6.7	38,545	6.6
Iran	47,550	15.2	14,210	4.1	6,260	1.5	2,628	0.58	1,660	0.3	1,885	0.4	1,844	0.3	2,216	0.4
Jordan	6,140	2.0	6,590	1.9	4,320	1.1	2,222	0.49	2,039	0.4	2,074	0.4	2,187	0.4	2,417	0.4
Lebanon	6,770	2.2	7,090	2.1	3,900	1.0	1,554	0.34	1,315	0.3	1,582	0.3	2,005	0.4	2,435	0.4
Saudi Arabia	10,440	3.3	6,900	2.0	3,590	0.9	4,191	0.92	4,931	1.0	5,156	1.0	5,273	1.0	5,579	1.0
Turkey	—	—	2,460	0.7	4,080	1.0	7,678	1.69	9,377	1.9	10,100	2.0	10,983	2.0	12,091	2.1
North America²	14,790	4.7	16,030	4.7	18,950	4.6	23,644	5.21	23,302	4.7	24,128	4.7	25,888	4.7	27,039	4.6
Canada	14,320	4.6	15,410	4.5	18,350	4.5	23,005	5.07	22,746	4.6	23,544	4.6	25,279	4.6	26,514	4.5
Oceania	4,180	1.3	4,030	1.2	4,230	1.0	4,202	0.93	4,228	0.9	4,676	0.9	4,624	0.8	4,852	0.8
Stateless³	240	0.1	190	0.1	80	#	30	#	28	#	7	#	10	#	87	#

—Not available.

Rounds to zero.

¹ Data for 1980–81 and 1985–86 are for West Germany (Federal Republic of Germany before unification).² Excludes Mexico and Central America, which are included with Latin America.³ Home country unknown or undeclared.

NOTE: Totals and subtotals include other countries not shown separately. Data are for "nonimmigrants," i.e., students who have not migrated to this country. Detail may not sum to totals due to rounding.

SOURCE: Institute of International Education, "Open Doors," various years. (Latest edition copyright © 2002 by the Institute of International Education. All rights reserved.) (This table was prepared July 2003.)

CHAPTER 7

Libraries and Educational Technology

This chapter contains statistics on libraries and the use of information technologies. These data show the extent of America's public access to information technologies outside of formal classroom activities. The data also provide a capsule description of the magnitude and availability of library resources.

The first section of the chapter (tables 418 to 420 and 422 to 425) deals with public libraries, public and private school libraries, and college and university libraries. It contains data on collections, population served, staff, and expenditures. Table 423 provides institutional-level information for the largest college libraries in the country.

The second part of the chapter (tables 421 and 426 to 430) provides information on the availability and use of technology at school and at work. For example, the proportion of children using computers at school is shown over time. Also included are data on the use of home computers and the Internet by adults and school children, with comparisons among various demographic groups.

Related data may be found in other chapters of the *Digest*. For example, statistics on the number of degrees conferred in computer and information sciences and library sciences are in chapter 3. Further information on survey methodologies is in the Guide to Sources in the appendix and the publications cited in the source notes.

Libraries

In 1999–2000, there were 95 school library visits each week per 100 public school students (table 418). Public elementary school students were more likely to visit their school libraries (107 visits per 100 students each week) than secondary school students (73 per 100). There was no difference detected between the number of visits per week at public (95 visits per week) and private schools (95 visits per week). The average number of library staff per school was 1.9 at public schools and 1.2 at private schools. On average, public school libraries had smaller numbers of books on a per student basis (1,803 per 100) than private school libraries (2,857 per 100 students) in 1999–2000. Public elementary school libraries had larger holdings than public secondary schools on a per student basis (1,894 per 100 students, compared to 1,606 per 100 students),

and elementary school students checked out more books on a per student basis (1.5 per week compared to .3 per week).

College library resources rose faster than enrollment between 1987–88 and 1997–98 (table 422). The average library operating expenditure per student rose 7 percent in constant dollars from \$419 in 1987–88 to \$450 in 1997–98.

In 2001, there were 9,129 public libraries in the United States with a total of 767 million books and serial volumes. The annual attendance per capita was 4.3, and the reference transactions per capita were 1.1 (table 425).

Educational Technology

There has been widespread introduction of computers into the schools in recent years. In 2002, the average public school contained 131 instructional computers (table 421). One important technological advance that has come to classrooms following the introduction of computers has been connections to the Internet. The proportion of instructional rooms with Internet access increased from 51 percent in 1998 to 92 percent in 2002 (figure 30). About 99 percent of schools had access to the Internet in 2002.

The increasing number of computers in schools has been reflected in rising proportions of students using computers (table 429). The proportion of elementary and secondary school students using computers at school rose from 70 percent in 1997 to 84 percent in 2001. Students in elementary and secondary schools who were 10 years old or older were more likely to use computers at school than younger children. Eighty-two percent of children from families with incomes of \$20,000 to \$24,999 used computers at school compared to 87 percent of children from families with incomes of \$75,000 or more.

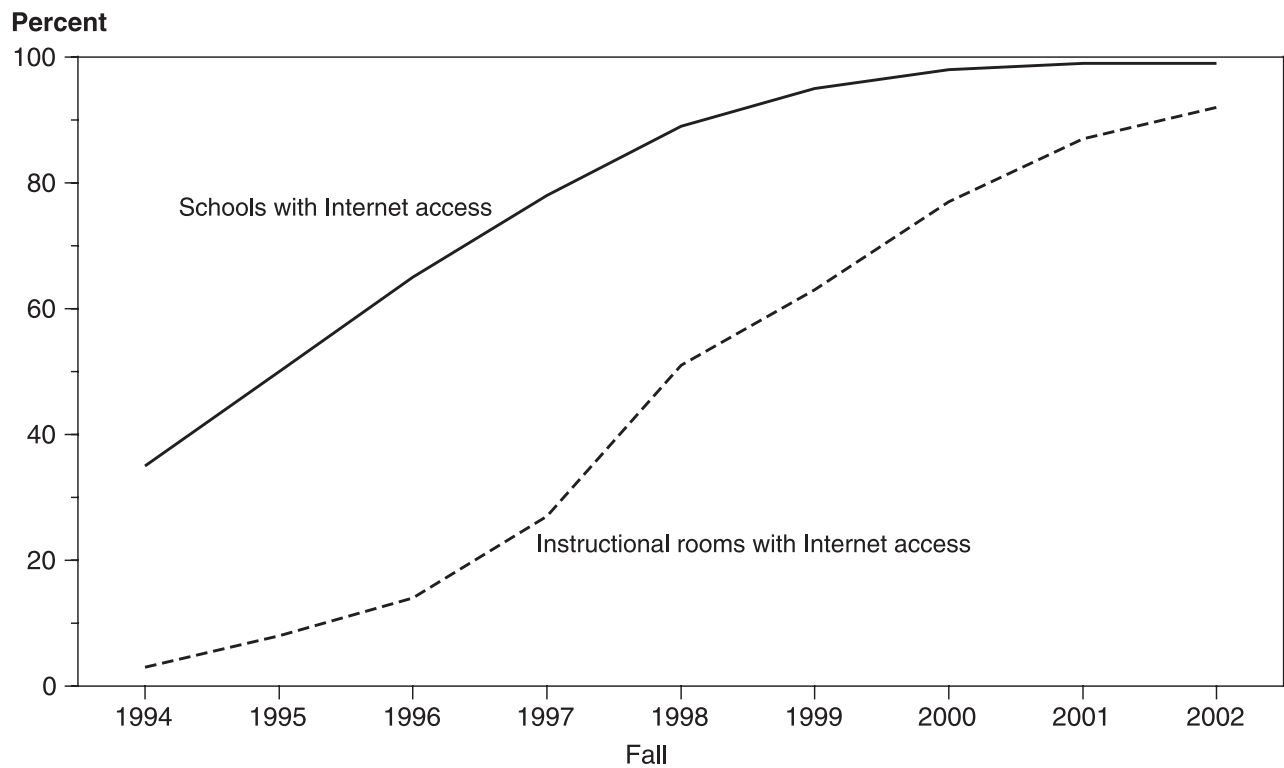
In addition to large proportions of elementary and secondary students using computers at school, a majority of students in 2001 used computers at home, though fewer actually used them for school work (table 429). In 2001, 66 percent of elementary and secondary school students used computers at home, compared to 43 percent in 1997. During the same period of time, the proportion of students using computers at home for school work rose from 25 to 45 percent. In 2001, female students were slightly

more likely to use computers at home for school work than males. About 53 percent of White elementary and secondary schools students used computers at home for school work in 2001 compared to 29 percent of Black students and 28 percent of Hispanic students. Use of computers at home for school work was strongly associated with income. About 64 percent of students from families with an income of \$75,000 or more used a computer at home for school work compared to 28 percent of students from families with incomes of \$20,000 to \$24,999.

The proportion of college students using computers in their classes rose from 63 percent in 1997 to 79 percent in 2001. About 69 percent used computers at home to do their school work in 2001 (table 429).

Computers are widely used in the workplace. In 2001, 54 percent of all workers used computers on the job (table 430). More frequent use of computers was associated with higher levels of education and higher incomes. Thirty-nine percent of high school graduates and 16 percent of high school dropouts used computers at work compared to 80 to 85 percent of those with bachelor's, master's degrees, first-professional, or doctor's degrees. Among the most common applications for all employees using computers on the job were: Internet and e-mail (72 percent), word processing/desktop publishing (67 percent), spreadsheets and databases (63 percent), and calendar/schedule (53 percent). Elementary and secondary teachers were less likely to use computers than persons employed in other managerial or professional fields.

Figure 30. Percent of all public schools and instructional rooms with Internet access: Fall 1994 to fall 2002



SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Internet Access in Public Schools and Classrooms: 1994–2002*.

Table 418. Selected statistics on school library/media centers, by control and level of school: 1999-2000

Selected statistic	Public						Private		
	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined	
	2	3	4	5	6	7	8	9	
1	77,288 (420.6)	57,024 (376.9)	18,039 (199.4)	2,226 (111.7)	17,054 (323.2)	10,961 (251.4)	1,955 (91.2)	4,138 (173.8)	
Average number of staff per library¹									
Total	1.89 (0.018)	1.80 (0.024)	2.21 (0.021)	1.50 (0.057)	1.18 (0.026)	1.01 (0.032)	1.80 (0.083)	1.33 (0.055)	
Certified library/media specialists	0.81 (0.007)	0.74 (0.009)	1.06 (0.009)	0.63 (0.032)	0.23 (0.011)	0.13 (0.009)	0.55 (0.027)	0.35 (0.027)	
Full-time	0.65 (0.007)	0.56 (0.009)	0.94 (0.011)	0.52 (0.031)	0.17 (0.009)	0.07 (0.007)	0.47 (0.025)	0.27 (0.022)	
Part-time	0.16 (0.006)	0.17 (0.008)	0.12 (0.006)	0.10 (0.011)	0.06 (0.005)	0.06 (0.006)	0.07 (0.010)	0.08 (0.013)	
Other professional staff	0.17 (0.007)	0.18 (0.009)	0.15 (0.007)	0.23 (0.021)	0.48 (0.014)	0.47 (0.020)	0.53 (0.039)	0.46 (0.024)	
Full-time	0.12 (0.005)	0.12 (0.007)	0.10 (0.007)	0.12 (0.014)	0.25 (0.009)	0.19 (0.012)	0.20 (0.023)	0.27 (0.020)	
Part-time	0.06 (0.004)	0.06 (0.006)	0.05 (0.005)	0.11 (0.019)	0.22 (0.012)	0.29 (0.017)	0.30 (0.029)	0.19 (0.017)	
Other paid employees	0.91 (0.014)	0.88 (0.019)	1.00 (0.017)	0.65 (0.035)	0.48 (0.014)	0.41 (0.020)	0.72 (0.048)	0.52 (0.030)	
Full-time	0.49 (0.008)	0.44 (0.010)	0.67 (0.016)	0.34 (0.024)	0.14 (0.009)	0.11 (0.011)	0.24 (0.024)	0.18 (0.015)	
Part-time	0.41 (0.014)	0.44 (0.018)	0.33 (0.013)	0.31 (0.026)	0.34 (0.014)	0.31 (0.018)	0.48 (0.043)	0.34 (0.025)	
Percentage of schools' library media centers with the following equipment									
Telephone	84.8 (0.53)	82.8 (0.69)	91.5 (0.46)	81.9 (1.94)	53.2 (1.48)	45.3 (2.02)	78.2 (2.67)	62.3 (2.25)	
Fax machine	11.5 (0.43)	8.1 (0.55)	22.2 (0.65)	12.1 (1.52)	6.7 (0.64)	4.8 (0.82)	13.6 (1.38)	8.7 (1.50)	
Automated catalog	72.8 (0.69)	71.0 (0.87)	80.0 (0.78)	61.5 (2.72)	34.2 (1.25)	28.1 (1.54)	55.8 (2.61)	39.9 (2.25)	
Automated circulation system	74.4 (0.65)	73.2 (0.88)	79.9 (0.72)	59.5 (3.10)	29.0 (1.17)	22.9 (1.31)	52.3 (2.48)	33.9 (2.33)	
Video laser disc	43.0 (0.69)	41.8 (0.87)	47.7 (0.88)	35.1 (2.70)	12.7 (0.67)	10.4 (0.99)	21.2 (1.79)	15.0 (1.40)	
Connection to Internet	90.1 (0.57)	87.9 (0.75)	96.9 (0.32)	88.7 (1.59)	60.6 (1.37)	55.1 (1.77)	81.6 (2.46)	65.2 (2.05)	
Cable television	77.4 (0.66)	76.6 (0.83)	82.2 (0.66)	58.5 (3.21)	46.3 (1.21)	48.2 (1.68)	57.6 (2.44)	36.1 (1.91)	
Broadcast television	43.4 (0.76)	43.9 (1.00)	42.9 (0.90)	34.8 (2.51)	48.0 (1.32)	52.5 (1.67)	42.4 (2.67)	38.6 (2.64)	
Closed circuit television	25.0 (0.67)	23.3 (0.84)	30.8 (0.82)	20.5 (2.16)	7.9 (0.49)	6.5 (0.68)	19.2 (1.21)	6.4 (0.95)	
Satellite dish	27.9 (0.60)	20.5 (0.71)	49.9 (0.93)	36.2 (2.79)	8.9 (0.58)	5.4 (0.74)	28.0 (1.71)	9.1 (1.04)	
Percentage of schools where—									
Long distance learning offered	21.2 (0.48)	15.2 (0.61)	38.1 (0.79)	38.3 (2.76)	8.3 (0.78)	7.3 (1.08)	15.6 (2.09)	7.7 (1.16)	
Students permitted to check out computer hardware	2.2 (0.14)	1.2 (0.16)	5.5 (0.41)	1.9 (0.48)	1.0 (0.17)	0.9 (0.25)	2.2 (0.41)	1.0 (0.29)	
Students permitted to check out computer software	6.9 (0.31)	4.5 (0.36)	14.3 (0.69)	7.5 (1.07)	6.9 (0.57)	3.8 (0.50)	16.6 (1.53)	10.5 (1.59)	
Total students using library per 100 students each week ^{1,2}	94.9 (0.88)	106.6 (1.12)	73.4 (1.05)	80.0 (4.47)	94.9 (5.96)	105.1 (10.88)	90.3 (2.57)	77.9 (2.41)	
Books checked out per 100 students each week ²	106.6 (1.63)	146.8 (2.46)	32.3 (1.36)	64.2 (4.83)	88.8 (3.81)	123.0 (5.56)	22.7 (1.40)	64.2 (5.17)	
Average holdings per 100 students at the end of the 1999-2000 school year									
Books (number of volumes)	1,803 (19.7)	1,894 (26.6)	1,606 (25.8)	2,190 (166.6)	2,857 (84.8)	2,801 (86.0)	2,737 (178.3)	3,043 (213.2)	
Video materials (tape and disc)	51 (0.8)	51 (1.1)	51 (1.3)	69 (6.1)	71 (2.5)	66 (3.3)	72 (6.0)	81 (5.8)	
CD-ROM titles	8 (0.3)	10 (0.5)	5 (0.3)	9 (1.4)	10 (0.6)	10 (0.8)	10 (1.3)	10 (1.0)	
Expenditures (all sources) per student, 1999-2000¹									
Total, library/media materials	\$23.37 (0.438)	\$22.99 (0.634)	\$23.84 (0.461)	\$27.93 (2.508)	\$29.02 (1.050)	\$23.60 (1.646)	\$38.72 (1.582)	\$33.40 (1.831)	
Books	9.97 (0.153)	10.47 (0.229)	8.95 (0.174)	11.03 (0.713)	10.57 (0.625)	9.29 (1.115)	11.16 (0.472)	12.66 (0.834)	
Video materials	1.07 (0.022)	1.04 (0.029)	1.13 (0.025)	1.20 (0.108)	1.34 (0.051)	1.04 (0.057)	1.51 (0.106)	1.83 (0.153)	
CD-ROM titles	0.59 (0.020)	0.55 (0.028)	0.64 (0.023)	0.94 (0.193)	0.82 (0.056)	0.72 (0.081)	1.15 (0.109)	0.81 (0.081)	
Current serial subscriptions	1.26 (0.016)	0.98 (0.018)	1.75 (0.032)	1.98 (0.184)	1.34 (0.035)	0.62 (0.030)	2.71 (0.120)	1.86 (0.098)	
Electronic subscriptions	0.81 (0.018)	0.32 (0.023)	1.74 (0.042)	0.94 (0.111)	1.35 (0.056)	0.17 (0.036)	3.85 (0.213)	2.08 (0.124)	
Microcomputer hardware	7.48 (0.306)	7.31 (0.390)	7.68 (0.373)	9.59 (1.744)	11.54 (0.843)	10.50 (1.298)	14.85 (1.030)	11.57 (1.278)	
Other audiovisual equipment	2.19 (0.181)	2.32 (0.274)	1.94 (0.071)	2.25 (0.258)	2.06 (0.114)	1.27 (0.097)	3.68 (0.406)	2.58 (0.196)	

¹Public school data include charter schools.
²During the most recent full week of school.

NOTE: Percentages are based on schools that have library/media centers. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Library Media Center Questionnaire," 1999-2000; "Public Charter School Questionnaire," 1999-2000; and "Private School Library Media Center Questionnaire," 1999-2000, unpublished data. (This table was prepared August 2004.)

Table 420. Selected statistics on public school library/media centers, by state: 1999–2000

State	Percent of centers offering selected services/equipment				Average number of staff per library ^{1,2}	Total students using library per 100 students each week ^{2,3}	Books checked out per 100 students each week ³	Books held at end of year per 100 students	Total expenditures for materials per student ²
	Automated catalog	Automated circulation system	Connection to the Internet	Video laser disk or DVD					
1	2	3	4	5	6	7	8	9	10
United States	72.8 (0.69)	74.4 (0.65)	90.1 (0.57)	43.0 (0.68)	1.89 (0.018)	94.9 (0.88)	106.6 (1.63)	1,803 (19.7)	\$23.37 (0.438)
Alabama	83.7 (2.53)	85.4 (2.30)	85.1 (2.92)	40.6 (4.09)	1.76 (0.039)	102.4 (5.40)	119.3 (9.04)	1,908 (158.4)	17.08 (0.870)
Alaska	76.1 (2.79)	67.4 (3.17)	91.6 (1.84)	35.4 (2.87)	1.43 (0.061)	97.5 (2.78)	137.5 (14.08)	2,855 (90.7)	25.46 (2.353)
Arizona	86.1 (3.39)	88.5 (3.17)	91.6 (2.40)	51.4 (4.19)	1.97 (0.061)	92.4 (4.99)	113.0 (11.08)	1,897 (147.1)	15.73 (1.050)
Arkansas	75.8 (3.47)	79.9 (3.04)	86.6 (3.23)	23.0 (2.52)	1.50 (0.042)	94.8 (3.98)	115.6 (8.40)	2,038 (82.4)	22.38 (2.309)
California	66.5 (3.63)	76.7 (3.21)	71.3 (3.83)	37.8 (3.57)	1.73 (0.068)	75.9 (2.51)	86.7 (5.17)	1,399 (85.8)	17.66 (1.272)
Colorado	86.9 (2.65)	86.3 (2.45)	96.8 (1.27)	41.6 (4.21)	1.99 (0.077)	107.3 (5.34)	100.9 (5.45)	1,758 (90.4)	25.68 (2.551)
Connecticut	57.2 (2.73)	59.8 (2.83)	87.2 (2.31)	42.9 (3.80)	2.06 (0.062)	102.0 (2.40)	87.9 (6.06)	2,092 (126.3)	27.74 (1.341)
Delaware	80.3 (3.53)	88.7 (2.99)	97.3 (1.10)	35.0 (4.39)	1.51 (0.073)	85.1 (3.59)	63.2 (9.15)	1,435 (76.3)	18.94 (2.573)
District of Columbia	33.8 (3.03)	35.4 (3.46)	78.1 (2.93)	26.7 (3.34)	1.16 (0.030)	64.7 (2.53)	36.2 (4.52)	2,066 (184.0)	12.59 (1.710)
Florida	94.1 (1.48)	96.8 (0.99)	95.1 (1.22)	90.6 (1.53)	2.53 (0.192)	93.7 (4.81)	101.1 (6.97)	1,567 (102.0)	31.24 (5.676)
Georgia	99.7 (0.29)	99.7 (0.29)	96.3 (1.56)	71.4 (3.42)	2.33 (0.122)	111.1 (6.45)	119.4 (7.67)	1,586 (53.5)	24.39 (1.426)
Hawaii	87.9 (2.62)	94.0 (1.95)	96.8 (1.43)	50.6 (4.15)	1.54 (0.049)	87.3 (3.15)	113.7 (12.93)	1,622 (37.5)	14.31 (1.214)
Idaho	79.4 (2.38)	82.9 (2.13)	95.6 (1.46)	30.5 (2.55)	1.75 (0.038)	122.9 (3.09)	202.4 (12.44)	2,374 (122.9)	49.49 (2.183)
Illinois	61.4 (3.70)	59.9 (3.76)	89.6 (2.25)	34.9 (4.09)	2.03 (0.103)	95.0 (3.47)	82.9 (6.55)	1,545 (76.2)	22.54 (1.727)
Indiana	70.0 (3.75)	72.9 (4.18)	89.0 (2.61)	50.2 (3.84)	1.93 (0.045)	95.3 (2.15)	114.2 (7.93)	2,177 (173.4)	23.93 (1.683)
Iowa	75.1 (3.31)	70.3 (3.90)	97.2 (1.13)	41.0 (3.86)	2.36 (0.244)	133.0 (4.98)	140.9 (8.98)	2,517 (74.0)	26.52 (1.683)
Kansas	76.4 (3.99)	77.4 (4.00)	94.8 (2.36)	43.3 (3.90)	1.85 (0.053)	119.3 (5.08)	182.7 (12.96)	2,637 (104.3)	25.72 (1.222)
Kentucky	77.9 (3.96)	77.3 (4.16)	97.9 (1.07)	49.7 (4.25)	1.64 (0.064)	119.2 (8.64)	123.7 (8.25)	1,758 (47.2)	30.43 (3.961)
Louisiana	53.5 (4.84)	62.5 (5.45)	88.0 (3.86)	25.8 (3.85)	1.27 (0.088)	75.3 (3.73)	71.7 (7.48)	1,602 (63.9)	15.23 (2.208)
Maine	54.4 (4.54)	52.8 (4.82)	99.3 (0.63)	15.5 (1.95)	1.73 (0.066)	102.5 (2.74)	102.5 (6.89)	2,931 (224.6)	26.00 (1.233)
Maryland	83.3 (3.21)	81.4 (3.52)	94.5 (2.28)	50.4 (6.04)	1.68 (0.093)	82.6 (3.02)	130.3 (39.71)	1,401 (61.5)	28.47 (4.900)
Massachusetts	54.0 (3.83)	49.8 (3.67)	96.8 (1.28)	31.9 (5.21)	1.87 (0.078)	83.7 (2.89)	63.8 (4.46)	1,635 (68.9)	18.76 (1.091)
Michigan	69.5 (4.08)	68.1 (4.04)	84.1 (2.89)	44.6 (4.21)	1.76 (0.097)	93.5 (3.80)	92.2 (7.03)	1,703 (68.0)	23.18 (2.222)
Minnesota	91.1 (2.56)	91.8 (2.80)	95.9 (1.21)	43.3 (5.38)	2.43 (0.097)	126.8 (9.32)	127.3 (12.41)	2,486 (174.2)	36.34 (6.738)
Mississippi	70.7 (2.94)	76.2 (2.41)	89.8 (2.28)	29.2 (2.61)	1.54 (0.034)	80.0 (2.84)	100.4 (7.64)	1,985 (175.3)	19.66 (1.414)
Missouri	71.8 (6.17)	70.7 (6.26)	89.2 (3.33)	49.3 (6.03)	1.63 (0.083)	100.5 (5.71)	110.7 (9.85)	2,250 (123.4)	30.59 (2.178)
Montana	52.8 (3.07)	52.0 (2.98)	88.1 (2.57)	31.2 (3.10)	1.66 (0.058)	145.5 (6.37)	153.5 (9.31)	3,578 (150.2)	32.59 (1.721)
Nebraska	68.1 (3.42)	69.1 (3.17)	95.5 (1.55)	38.2 (3.33)	1.85 (0.073)	101.9 (4.19)	160.8 (16.46)	3,253 (206.2)	37.44 (3.549)
Nevada	89.0 (3.10)	91.6 (2.76)	78.0 (3.23)	36.0 (3.03)	1.71 (0.064)	83.3 (2.15)	83.6 (4.03)	1,665 (187.1)	14.13 (1.573)
New Hampshire	57.6 (5.89)	60.4 (5.20)	89.0 (5.84)	36.5 (4.74)	1.83 (0.100)	103.1 (4.24)	94.2 (7.51)	1,862 (84.3)	22.73 (1.392)
New Jersey	62.6 (3.67)	63.1 (3.70)	87.8 (2.76)	31.8 (3.62)	1.78 (0.060)	82.9 (2.52)	81.6 (6.64)	1,905 (81.0)	23.28 (1.549)
New Mexico	69.1 (5.59)	62.4 (5.24)	78.5 (5.16)	28.0 (5.10)	1.53 (0.068)	92.4 (8.04)	123.8 (15.98)	2,064 (245.4)	22.81 (2.374)
New York	57.7 (3.86)	54.8 (3.81)	86.6 (2.12)	29.8 (2.47)	2.12 (0.086)	78.1 (3.26)	66.3 (3.37)	1,473 (55.3)	18.31 (1.415)
North Carolina	89.8 (2.79)	95.7 (1.65)	95.3 (2.12)	69.4 (3.79)	2.11 (0.063)	90.4 (4.86)	117.1 (7.99)	1,591 (76.7)	28.51 (2.208)
North Dakota	54.2 (3.44)	49.5 (3.38)	94.1 (1.40)	24.7 (2.29)	1.81 (0.073)	130.8 (3.62)	167.4 (8.35)	5,180 (251.9)	40.87 (2.946)
Ohio	54.8 (3.99)	53.1 (3.68)	89.9 (3.24)	32.0 (4.21)	1.77 (0.152)	96.1 (3.71)	87.2 (6.64)	1,536 (62.7)	18.71 (2.181)
Oklahoma	66.1 (4.39)	68.4 (3.58)	82.8 (3.22)	25.0 (3.49)	1.95 (0.061)	107.4 (4.61)	117.5 (10.90)	2,257 (100.5)	31.40 (3.148)
Oregon	77.6 (4.09)	80.2 (3.57)	90.0 (3.54)	41.7 (4.59)	1.84 (0.068)	102.7 (5.42)	156.7 (33.01)	2,655 (204.4)	18.97 (1.267)
Pennsylvania	62.4 (5.47)	64.4 (5.44)	88.9 (4.76)	28.3 (4.05)	1.90 (0.096)	92.6 (4.72)	94.5 (6.97)	2,011 (192.1)	21.88 (1.759)
Rhode Island	46.4 (2.07)	51.5 (1.92)	95.6 (1.04)	12.8 (1.46)	1.84 (0.034)	70.0 (1.02)	68.6 (1.88)	1,505 (33.6)	16.04 (0.656)
South Carolina	96.5 (1.42)	93.6 (2.62)	98.2 (0.76)	54.4 (4.11)	1.97 (0.055)	84.3 (2.61)	105.7 (7.00)	1,515 (33.6)	24.84 (1.777)
South Dakota	52.1 (4.15)	44.7 (3.74)	93.4 (1.35)	40.8 (3.66)	1.62 (0.076)	155.9 (7.93)	135.2 (6.82)	4,006 (315.8)	38.18 (1.916)
Tennessee	69.2 (4.67)	75.5 (3.97)	95.3 (2.38)	53.3 (4.73)	1.79 (0.076)	86.7 (4.89)	143.2 (14.03)	1,516 (58.3)	18.81 (4.114)
Texas	84.0 (2.60)	88.3 (2.39)	93.6 (2.20)	44.8 (3.14)	1.90 (0.054)	103.2 (5.12)	145.5 (7.35)	1,800 (61.0)	24.32 (1.590)
Utah	87.5 (3.14)	88.7 (2.76)	96.2 (1.50)	60.3 (3.88)	1.69 (0.065)	76.3 (3.46)	114.1 (20.51)	1,256 (51.3)	16.84 (1.982)
Vermont	62.2 (2.82)	60.3 (2.94)	93.7 (4.09)	13.3 (2.87)	1.74 (0.101)	117.2 (4.93)	93.3 (7.97)	2,783 (171.9)	36.30 (2.424)
Virginia	99.0 (0.66)	98.0 (0.79)	98.1 (1.05)	74.6 (4.19)	1.88 (0.064)	87.7 (2.77)	110.6 (6.62)	1,849 (166.7)	22.98 (1.550)
Washington	90.8 (2.23)	91.4 (2.20)	98.1 (0.95)	65.2 (3.94)	2.04 (0.047)	128.2 (8.97)	137.4 (9.23)	2,068 (120.8)	24.62 (2.363)
West Virginia	48.2 (4.91)	47.5 (5.12)	93.4 (2.20)	57.6 (5.45)	0.92 (0.058)	96.2 (5.30)	75.2 (7.77)	1,692 (73.4)	19.08 (1.680)
Wisconsin	81.0 (3.63)	86.0 (2.92)	97.9 (1.37)	42.2 (3.80)	2.09 (0.057)	138.3 (7.54)	146.7 (12.59)	2,719 (198.2)	39.38 (3.107)
Wyoming	75.7 (4.47)	76.8 (4.49)	93.8 (1.89)	39.9 (4.60)	1.80 (0.071)	122.8 (6.94)	126.2 (7.72)	3,341 (272.1)	32.08 (2.182)

¹ Includes professional and nonprofessional staff.² Includes public charter schools.³ During the most recent full week of school.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Library Media Center Questionnaire," 1999–2000; and "Public Charter School Questionnaire," 1999–2000, unpublished data. (This table was prepared August 2004.)

NOTE: Percentages are based on schools that have library/media centers. Standard errors appear in parentheses.

Table 421. Public schools and instructional rooms with access to the Internet, by selected school characteristics: 1994 to 2002

Schools, computers, instructional rooms, and access	All public schools	Instructional level ¹		Size of school enrollment			Metropolitan status				Percent of students eligible for free or reduced-price lunch ²			
		Elementary	Secondary	Less than 300	300 to 999	1,000 or more	City	Urban fringe	Town	Rural	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more
Estimated total number of schools														
1995	77,853	57,705	18,083	20,673	50,044	7,136	17,906	18,464	19,539	21,944	37,450	13,627	12,808	13,166
1997	79,125	59,695	19,430	20,540	51,169	7,416	21,071	23,419	21,998	21,998	37,525	12,250	16,302	12,864
1998	78,791	59,173	19,193	20,095	50,655	8,041	20,698	26,285	11,306	20,522	38,156	12,088	13,967	14,541
1999	78,399	59,575	17,110	20,018	50,389	7,992	21,034	26,245	11,235	19,885	35,653	13,908	16,099	11,993
2000	80,127	59,782	18,414	20,667	51,887	8,173	21,115	26,584	11,879	20,550	36,563	12,414	17,030	13,912
2001	81,066	61,640	17,627	20,665	51,968	8,433	17,997	26,260	10,180	26,628	34,928	14,753	16,627	14,710
2002	82,036	62,134	17,608	21,429	51,876	8,731	18,550	26,431	10,774	26,290	34,989	13,243	19,040	14,765
1998 (standard error)	(333)	(293)	(479)	(467)	(165)	(88)	(98)	(182)	(182)	(273)	(1,530)	(1,185)	(991)	(1,263)
1999 (standard error)	(665)	(722)	(681)	(681)	(291)	(605)	(514)	(514)	(343)	(506)	(1,211)	(977)	(1,067)	(949)
2000 (standard error)	(650)	(569)	(697)	(206)	(217)	(1,380)	(1,746)	(1,746)	(1,323)	(1,478)	(1,215)	(792)	(1,071)	(923)
2001 (standard error)	(492)	(527)	(589)	(274)	(139)	(1,416)	(1,002)	(1,002)	(746)	(1,087)	(1,191)	(1,203)	(995)	(814)
2002 (standard error)	(780)	(647)	(761)	(253)	(145)	(963)	(922)	(922)	(1,080)	(1,289)	(1,194)	(1,050)	(1,134)	(862)
Percent of schools having access to the Internet														
1994	35	30	49	30	35	58	40	38	29	35	39	35	32	18
1995	50	46	65	39	52	69	47	59	47	48	60	60	41	31
1996	65	61	77	66	66	80	64	75	61	60	74	59	53	53
1997	78	75	89	75	78	89	74	78	84	78	86	81	71	62
1998	89	88	94	87	89	95	92	85	90	92	92	93	88	79
1999	95	94	98	96	94	96	93	96	94	96	95	98	96	89
2000	98	97	100	96	98	99	96	98	98	99	99	99	97	94
2001	99	99	100	99	99	100	97	99	100	100	99	100	99	97
2002	99	99	100	99	100	100	99	100	98	98	98	100	100	99
1998 (standard error)	(1.3)	(1.6)	(2.1)	(3.4)	(1.4)	(2.4)	(2.1)	(2.8)	(3.2)	(3.4)	(2.0)	(2.2)	(3.0)	(3.7)
1999 (standard error)	(0.8)	(1.0)	(0.8)	(1.5)	(1.0)	(1.7)	(1.5)	(1.2)	(2.5)	(1.4)	(1.1)	(0.9)	(1.7)	(3.1)
2000 (standard error)	(0.5)	(0.7)	(0.2)	(1.7)	(0.5)	(0.6)	(1.1)	(1.2)	(1.2)	(0.9)	(0.7)	(0.7)	(1.3)	(1.7)
2001 (standard error)	(0.3)	(0.4)	(0.2)	(1.0)	(0.4)	(0.4)	(1.1)	(0.5)	(0.4)	(0.1)	(0.6)	(0.4)	(0.5)	(1.1)
2002 (standard error)	(0.5)	(0.6)	(0.5)	(1.7)	(0.2)	(0.4)	(0.7)	(0.7)	(2.2)	(1.0)	(1.0)	(0.4)	(0.4)	(0.9)
Number of computers for instructional purposes, in thousands														
1995 ⁵	5,621	3,453	2,021	850	3,600	1,171	1,497	1,526	1,404	1,195	2,905	806	950	882
1997	5,959	3,701	2,258	839	3,767	1,353	1,727	2,084	934	1,214	3,154	886	1,013	890
1998	7,111	4,519	2,549	952	4,414	1,744	2,148	2,606	1,047	1,311	3,630	1,105	1,127	1,235
1999	7,806	4,923	2,728	1,021	4,952	1,834	2,320	2,975	1,022	1,489	3,900	1,245	1,429	1,170
2000	8,776	5,296	3,271	1,135	5,524	2,117	2,537	3,396	1,155	1,689	4,371	1,373	1,606	1,384
2001	10,058	6,165	3,654	1,085	6,273	2,700	2,685	3,791	1,134	2,448	4,781	1,707	1,862	1,698
2002	10,711	6,775	3,705	1,347	6,533	2,831	2,662	4,043	1,320	2,686	4,982	1,673	2,265	1,792
1998 (standard error)	(183)	(145)	(94)	(53)	(136)	(106)	(74)	(129)	(58)	(77)	(198)	(114)	(89)	(155)
1999 (standard error)	(147)	(114)	(103)	(76)	(127)	(101)	(113)	(121)	(50)	(75)	(152)	(115)	(116)	(98)
2000 (standard error)	(174)	(148)	(113)	(73)	(121)	(103)	(179)	(213)	(132)	(131)	(147)	(93)	(112)	(107)
2001 (standard error)	(180)	(165)	(98)	(57)	(140)	(85)	(192)	(168)	(78)	(142)	(206)	(120)	(132)	(117)
2002 (standard error)	(237)	(187)	(105)	(101)	(181)	(101)	(158)	(173)	(172)	(164)	(170)	(172)	(137)	(136)
Mean number of instructional computers per school														
1995 ⁵	72	60	112	41	72	164	84	83	72	54	78	59	74	67
1997	75	62	116	41	74	183	82	89	74	55	84	72	81	69
1998	90	76	133	47	87	217	104	99	93	64	95	91	81	85
1999	100	83	159	51	106	229	110	113	91	75	109	90	89	98
2000	110	89	178	57	106	259	120	128	97	82	120	111	94	99
2001	124	100	207	52	121	320	149	144	111	92	137	116	112	115
2002	131	109	210	63	126	324	144	153	123	102	142	126	119	122
1998 (standard error)	(2.3)	(2.4)	(4.9)	(2.6)	(2.5)	(13.0)	(3.6)	(4.9)	(5.2)	(3.6)	(3.7)	(6.1)	(4.5)	(7.7)
1999 (standard error)	(2.2)	(2.2)	(6.4)	(2.5)	(2.3)	(10.7)	(4.7)	(4.2)	(4.2)	(3.6)	(2.8)	(6.8)	(5.6)	(5.2)
2000 (standard error)	(2.0)	(2.4)	(5.3)	(3.1)	(2.3)	(9.0)	(4.9)	(4.3)	(5.6)	(3.6)	(3.4)	(5.9)	(6.7)	(5.5)

See notes at end of table.

Table 421. Public schools and instructional rooms with access to the Internet, by selected school characteristics: 1994 to 2002—Continued

Schools, computers, instructional rooms, and access	All public schools	Instructional level ¹		Size of school enrollment			Metropolitan status				Percent of students eligible for free or reduced-price lunch ²			
		Elementary	Secondary	Less than 300	300 to 999	1,000 or more	City	Urban fringe	Town	Rural	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more
1	2	(2.3) (2.8)	(2.7) (2.9)	(6.2) (6.4)	(2.5) (4.1)	(2.6) (3.5)	(10.1) (10.8)	(6.4) (6.4)	(4.7) (5.2)	(6.0) (9.3)	(4.0) (4.5)	(5.8) (8.5)	(6.0) (5.3)	(5.0) (5.9)
Number of instructional computers with access to the Internet, in thousands														
1995 ⁵	447	232	187	59	315	73	96	131	126	94	286	46	57	36
1998	3,569	2,100	1,450	407	2,276	887	1,026	1,334	481	727	2,064	608	439	458
1999	4,809	2,773	1,945	663	2,988	1,158	1,265	1,887	691	966	2,762	778	810	428
2000	6,759	3,813	2,779	882	4,191	1,686	1,782	2,688	955	1,335	3,608	1,064	1,215	858
2001	8,500	4,936	3,357	874	5,229	2,396	2,175	3,178	1,008	2,139	4,225	1,478	1,529	1,289
2002	9,658	5,912	3,525	1,214	5,827	2,618	2,329	3,677	1,222	2,431	4,586	1,474	2,049	1,549
1998 (standard error)	(173)	(148)	(79)	(38)	(140)	(73)	(87)	(105)	(46)	(73)	(151)	(79)	(48)	(78)
1999 (standard error)	(145)	(111)	(89)	(60)	(132)	(68)	(94)	(93)	(50)	(70)	(140)	(59)	(59)	(55)
2000 (standard error)	(174)	(136)	(113)	(69)	(114)	(97)	(148)	(178)	(111)	(91)	(139)	(80)	(93)	(87)
2001 (standard error)	(176)	(144)	(92)	(61)	(139)	(89)	(164)	(150)	(74)	(137)	(196)	(105)	(114)	(101)
2002 (standard error)	(236)	(183)	(105)	(97)	(183)	(102)	(145)	(160)	(162)	(148)	(167)	(158)	(129)	(122)
Percent of instructional computers with access to the Internet														
1995 ⁵	8	7	9	7	9	6	6	9	9	8	10	6	6	4
1998	50	46	57	43	52	61	48	51	46	55	57	55	39	37
1999	62	56	71	65	60	63	55	63	68	65	71	62	57	57
2000	77	72	85	78	76	80	70	79	83	79	82	77	76	62
2001	85	80	92	81	83	89	81	84	89	87	88	85	82	76
2002	90	87	95	90	89	92	87	91	93	90	92	88	90	86
1998 (standard error)	(1.7)	(2.5)	(2.1)	(3.4)	(2.2)	(3.4)	(3.0)	(2.8)	(4.1)	(3.4)	(2.0)	(4.2)	(2.9)	(4.6)
1999 (standard error)	(1.4)	(1.6)	(2.4)	(3.0)	(1.7)	(3.6)	(2.6)	(2.4)	(3.1)	(2.7)	(2.2)	(3.6)	(2.8)	(3.6)
2000 (standard error)	(1.1)	(1.5)	(1.2)	(2.6)	(1.3)	(1.8)	(2.1)	(1.7)	(2.5)	(2.1)	(1.2)	(2.9)	(2.6)	(3.1)
2001 (standard error)	(0.8)	(1.2)	(0.8)	(2.8)	(1.2)	(1.4)	(2.1)	(1.5)	(2.1)	(1.3)	(1.2)	(2.0)	(2.5)	(2.2)
2002 (standard error)	(0.8)	(1.1)	(0.6)	(1.8)	(0.9)	(1.3)	(1.6)	(1.2)	(1.9)	(1.4)	(1.1)	(2.0)	(1.5)	(1.6)
Total number of instructional rooms, in thousands														
1997	2,625	1,720	906	335	1,725	566	830	902	388	505	1,336	375	462	447
1998	2,709	1,772	916	349	1,740	620	839	981	390	498	1,372	413	451	471
1999	2,811	1,830	926	360	1,805	645	857	1,049	375	530	1,325	477	541	437
2000	2,905	1,864	972	377	1,871	657	866	1,086	413	541	1,380	465	570	482
2001	2,851	1,854	929	332	1,829	690	726	1,068	339	718	1,299	486	551	510
2002	2,988	2,006	919	396	1,896	696	748	1,101	378	761	1,368	451	648	520
1998 (standard error)	(41)	(29)	(25)	(15)	(34)	(21)	(22)	(24)	(14)	(17)	(60)	(39)	(29)	(42)
1999 (standard error)	(36)	(33)	(29)	(26)	(30)	(23)	(29)	(33)	(16)	(23)	(46)	(34)	(42)	(34)
2000 (standard error)	(35)	(28)	(24)	(22)	(23)	(23)	(56)	(61)	(47)	(39)	(46)	(28)	(36)	(29)
2001 (standard error)	(31)	(30)	(18)	(17)	(23)	(15)	(49)	(46)	(24)	(36)	(48)	(34)	(35)	(29)
2002 (standard error)	(37)	(30)	(19)	(25)	(20)	(16)	(36)	(39)	(40)	(48)	(45)	(38)	(38)	(33)
Percent of instructional rooms with access to the Internet														
1994	3	3	4	3	3	3	4	4	3	3	3	2	4	2
1995	8	8	8	9	8	4	6	8	8	8	9	6	6	3
1996	14	13	16	15	13	16	14	16	14	14	17	12	11	5
1997	27	24	32	27	28	25	20	29	34	30	33	33	20	14
1998	51	51	52	54	53	45	47	50	55	57	57	60	41	38
1999	64	62	67	71	64	58	52	67	72	71	73	69	61	38
2000	77	76	79	83	78	70	66	78	87	85	82	81	77	60
2001	87	86	88	87	87	86	82	87	91	89	90	89	87	79
2002	92	92	91	91	93	89	88	92	96	93	93	90	91	89

See notes at end of table.

Table 422. Collections, staff, and operating expenditures of college and university libraries: Selected years, 1976–77 to 1997–98

Item	1976–77 ¹	1978–79 ¹	1981–82	1984–85	1987–88	1991–92	1994–95	1996–97	1997–98
1	2	3	4	5	6	7	8	9	10
Number of libraries	3,058	3,122	3,104	3,322	3,438	3,274	3,303	3,408	3,658
General collection transactions, in thousands	—	—	—	—	—	—	183,123	186,545	175,409
Reserve collection transactions, in thousands	—	—	—	—	—	—	48,380	44,189	40,658
Total enrollment, in thousands ²	11,121	11,392	12,372	12,242	12,767	14,359	14,279	14,300	14,502
Full-time-equivalent enrollment, in thousands ²	8,313	8,348	9,015	8,952	9,230	10,361	10,348	10,402	10,217
Collections, thousands of units									
Number of volumes at end of year	481,442	519,895	567,826	631,727	718,504	749,429	776,447	806,717	³ 878,906
Number of volumes added during year	22,367	21,608	19,507	20,658	21,907	20,982	21,544	21,346	24,551
Number of serial subscriptions at end of year	4,670	4,775	4,890	6,317	6,416	6,966	6,212	5,709	⁴ 10,908
Microform units at end of year	—	—	—	—	—	—	—	—	1,062,082
Electronic units at end of year ⁵	—	—	—	—	—	—	465	983	3,473
Library staff, in full-time equivalents (FTE)									
Total staff in regular positions ⁶	57,087	58,416	58,476	58,476	67,251	67,166	67,433	67,581	68,337
FTE student enrollment per FTE staff	145.6	142.9	154.2	153.1	137.2	154.3	153.5	153.9	149.5
Librarians and professional staff	23,308	23,676	23,816	21,822	25,115	26,341	26,726	27,268	30,041
Other paid staff	33,779	34,740	34,660	38,026	40,733	40,421	40,381	40,022	38,026
Contributed services	—	—	—	—	1,403	404	326	291	270
Student assistants	—	—	—	—	33,821	29,075	28,411	27,998	28,373
Hours of student and other assistance, in thousands	39,950	39,552	40,068	28,360	—	—	—	—	—
Library operating expenditures (excluding capital outlay)									
Operating expenditures, total, in thousands	\$1,259,637	\$1,502,158	\$1,943,769	\$2,404,524	\$2,770,075	\$3,648,654	\$4,013,333	\$4,301,815	\$4,592,657
Salaries ⁷	698,090	824,438	1,081,894	1,156,138	1,451,551	1,889,368	2,021,233	2,147,842	2,314,380
Hourly wages	68,683	79,535	100,847	—	—	—	—	—	—
Fringe benefits	—	—	—	231,209	—	—	—	—	—
Preservation	22,521	25,274	30,351	32,939	34,144	43,126	46,554	45,610	42,919
Furniture/equipment	—	—	—	—	—	—	55,915	56,128	57,013
Computer hardware/software	—	—	—	—	—	—	128,128	157,949	164,379
Utilities/networks/consortia	—	—	—	—	—	—	81,106	85,113	89,618
Information resources	373,699	450,180	561,199	750,282	891,281	1,197,293	1,348,933	1,499,249	1,600,995
Books and serial backfiles-paper	—	—	—	—	—	—	—	—	514,048
Books and serial backfiles-electronic	—	—	—	—	—	—	—	—	28,061
Current serials- paper	—	—	—	—	—	—	—	—	849,399
Current serials- electronic	—	—	—	—	—	—	—	—	125,470
Audiovisual materials	—	—	—	—	—	23,879	28,753	28,879	30,623
Document delivery/interlibrary loan	—	—	—	—	—	—	12,238	17,645	19,309
Other collection expenditures	373,699	450,180	561,199	750,282	891,281	1,173,414	1,307,942	1,452,725	34,086
Other library operating expenditures	96,643	122,731	169,478	233,957	393,099	518,867	331,463	309,925	323,354
Operating expenditures per FTE student	152	180	216	269	300	352	388	414	450
Operating expenditures per FTE student in constant 1997–98 dollars	418	425	371	411	419	412	417	421	450
Operating expenditures, total, in percents	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Salaries ⁷	55.4	54.9	55.7	48.1	52.4	51.8	50.4	49.9	50.4
Hourly wages	5.5	5.3	5.2	—	—	—	—	—	—
Fringe benefits	—	—	—	9.6	—	—	—	—	—
Preservation	1.8	1.7	1.6	1.4	1.2	1.2	1.2	1.1	0.9
Information resources	29.7	30.0	28.9	31.2	32.2	32.8	33.6	34.9	34.9
Other library operating expenditures ⁸	7.7	8.2	8.7	9.7	14.2	14.2	14.9	14.2	13.8
Library operating expenditures as percent of total institutional expenditures for educational and general purposes	3.8	3.7	3.5	3.4	3.2	3.0	2.8	—	—

—Not available.

¹ Includes data for U.S. territories.² Fall enrollment for the academic year specified.³ Includes data for schools newly added to the survey system, so end of year figure exceeds total of additions plus end of year value from previous year.⁴ Includes microform and electronic serials.⁵ Electronic files, formerly labeled "Computer files."⁶ Excludes student assistants.⁷ Includes expenditures for fringe benefits (except for 1984–85 and 1987–88), salary equivalents of contributed services staff, and hourly wages for 1996–97 and 1997–98.⁸ Includes furniture/equipment, computer hardware/software, and utilities/networks/consortia as well as expenditures classified above as "other library operating expenditures."

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Library Statistics of Colleges and Universities*, various years; and Integrated Postsecondary Education Data System, "Academic Library Survey," various years, and "Fall Enrollment Survey 1997." (This table was prepared July 2001.)

Table 423. Collections, staff, and operating expenditures of the 60 largest college and university libraries: 1998

Institution	Rank order, by number of volumes	Number of volumes at end of year, in thousands	Full-time-equivalent staff		Operating expenditures, in thousands		Public service hours per week	Gate count per week	Reference transactions per week
			Total	Librarians	Total	Salaries and wages			
1	2	3	4	5	6	7	8	9	10
Harvard University (MA)	1	13,982	1,188	351	\$84,473	\$38,250	104	37,560	12,138
Yale University (CT)	2	10,108	611	163	48,331	18,393	111	14,080	1,476
University of Illinois, Urbana Campus	3	9,171	543	115	26,207	14,221	107	34,521	12,743
University of Texas, Austin	4	7,649	574	132	28,744	13,788	147	143,570	5,781
University of California, Berkeley	5	7,263	642	77	29,922	16,611	83	34,521	7,130
University of California, Los Angeles	6	7,212	546	129	38,092	20,419	87	86,602	7,510
University of Michigan, Ann Arbor	7	7,072	594	145	34,655	15,941	168	48,236	4,420
Stanford University (CA)	8	7,036	601	113	47,211	22,997	49	14,080	2,197
Columbia University, Main Division (NY)	9	7,018	513	128	30,743	15,369	104	—	—
University of Chicago (IL)	10	6,271	336	69	21,285	9,140	111	34,120	1,327
Indiana University, Bloomington	11	6,039	499	106	24,336	12,343	115	73,799	11,844
University of Wisconsin, Madison	12	5,902	501	125	29,187	15,833	131	140,386	7,034
University of Washington	13	5,820	502	138	26,605	14,598	106	34,521	7,130
Ohio State University, Main Campus	14	5,784	417	91	23,417	10,786	109	45,696	29,439
University of Minnesota, Twin Cities	15	5,613	431	88	28,490	13,258	106	34,521	4,786
Cornell University (NY)	16	5,218	468	97	22,218	11,078	104	—	2,057
Princeton University (NJ)	17	5,095	371	106	27,049	12,403	112	—	—
University of North Carolina, Chapel Hill	18	4,928	431	122	24,333	11,315	145	—	4,510
Duke University (NC)	19	4,764	359	110	23,919	10,220	122	—	3,426
University of Pennsylvania	20	4,673	392	112	28,838	11,837	143	35,590	7,582
Rutgers University (NJ)	21	4,643	327	72	17,640	10,830	108	74,268	4,473
University of Virginia, Main Campus	22	4,514	363	95	22,854	12,230	117	34,521	8,173
Michigan State University	23	4,188	273	57	16,596	7,798	114	—	3,183
New York University	24	4,167	419	92	26,646	13,112	115	38,000	5,995
University of Kansas, Main Campus	25	4,106	238	59	13,144	6,186	102	34,521	7,130
University of Arizona	26	4,080	293	69	16,157	6,569	154	26,651	2,510
Northwestern University (IL)	27	3,954	351	92	18,443	9,189	123	35,940	1,700
University of Iowa	28	3,927	298	76	20,095	9,040	106	53,661	6,717
University of Oklahoma, Norman Campus	29	3,797	146	33	8,787	3,197	108	16,996	3,529
University of Pittsburgh, Main Campus (PA)	30	3,552	335	85	17,909	7,798	120	49,933	6,107
University of Georgia	31	3,458	360	71	18,825	8,164	104	22,898	2,348
University of Florida	32	3,401	416	111	19,920	9,403	108	57,272	4,600
University of Southern California	33	3,337	338	80	23,975	10,128	24	60,846	3,129
Washington University (MO)	34	3,295	265	73	18,040	6,727	117	47,046	8,494
University of Hawaii, Manoa	35	3,167	243	65	11,934	6,574	87	29,671	3,513
State U. of New York, Buffalo, Main Campus	36	3,107	263	72	14,733	7,427	90	62,400	6,890
Johns Hopkins University (MD)	37	3,098	308	58	22,904	8,907	120	31,258	43,066
Arizona State University	38	3,074	295	82	17,332	7,920	102	30,944	4,948
University of South Carolina at Columbia	39	3,067	277	78	15,232	6,492	111	21,000	3,500
Wayne State University (MI)	40	3,046	278	46	16,050	7,631	97	50,144	17,256
Syracuse University, Main Campus (NY)	41	3,036	273	49	10,354	5,284	105	14,852	4,536
University of Colorado, Boulder	42	3,022	258	62	17,875	7,248	106	2,045	4,582
Louisiana State U. & A&M & Hebert Laws Center	43	3,014	203	50	10,816	4,953	111	41,287	2,931
University of Rochester (NY)	44	2,996	216	59	12,256	5,377	116	21,811	1,232
Brown University (RI)	45	2,979	241	61	13,528	6,574	111	20,392	1,451
University of Missouri, Columbia	46	2,856	246	58	11,274	5,365	104	30,874	2,677
Pennsylvania State University, Main Campus	47	2,832	415	77	22,642	10,769	168	71,665	5,191
University of Massachusetts at Amherst	48	2,826	194	46	11,163	5,571	105	27,000	2,750
Brigham Young University (UT)	49	2,823	386	84	13,494	6,612	101	71,917	9,968
Kansas State University	50	2,770	139	42	7,302	3,208	90	15,407	1,549
Southern Illinois University, Carbondale	51	2,740	229	40	11,097	5,239	92	15,340	3,035
University of Kentucky	52	2,719	362	87	17,418	7,962	144	45,284	3,881
North Carolina State University at Raleigh	53	2,713	324	85	17,222	6,924	146	35,654	2,952
University of Maryland, College Park Campus	54	2,700	329	108	16,373	9,213	98	58,789	6,311
University of Utah	55	2,684	381	67	19,778	8,563	105	76,231	7,538
University of California, Davis	56	2,672	267	50	14,781	8,464	87	24,217	4,431
University of Notre Dame (IN)	57	2,644	237	46	15,032	6,192	126	20,000	1,080
University of California, San Diego	58	2,578	322	49	18,729	9,693	109	36,180	3,501
Vanderbilt University (TN)	59	2,512	291	80	15,946	7,299	111	21,600	2,103
Auburn University, Main Campus (AL)	60	2,505	142	32	9,267	3,792	99	11,799	3,280

—Not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Academic Library Survey 1998." (This table was prepared August 2001.)

Table 424. Selected statistics of public libraries, by population size of legal service area: Fiscal year 2001

Item	Population of legal service area ¹						
	Total	Under 10,000	10,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 and over
1	2	3	4	5	6	7	8
Number of public library service outlets ...	17,300	5,701	4,256	1,827	2,157	1,179	2,180
Central libraries	8,971	5,387	2,647	519	283	77	58
Branch libraries	7,450	241	1,332	1,123	1,709	1,022	2,023
Bookmobiles	879	73	277	185	165	80	99
Collections, in thousands							
Books and serial volumes ²	767,055	99,529	187,090	94,248	112,159	78,251	195,778
Audio and video materials and films	59,427	5,984	14,193	7,653	8,769	6,000	16,828
Serial subscriptions	1,960	274	485	232	251	194	525
Paid staff, in full-time equivalents							
Librarians	44,428	6,121	11,670	5,507	6,104	4,604	10,421
Librarians with ALA-MLS ³	30,094	1,206	6,960	3,968	4,878	3,695	9,386
Other staff	89,028	5,496	20,607	12,222	16,013	10,190	24,500
Income, in thousands							
Total operating income	\$8,222,619	\$514,726	\$1,850,988	\$1,061,174	\$1,321,809	\$945,567	\$2,528,356
Percentage distribution							
Source of operating income							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Federal ⁴	0.6	1.0	0.4	0.6	0.8	0.6	0.4
State	12.7	9.5	12.7	15.2	11.9	13.1	12.7
Local	77.3	73.0	76.8	76.2	80.0	79.0	76.9
Other and private	9.4	16.5	10.1	8.0	7.4	7.3	9.9

¹The number of people in the geographic area for which a public library has been established to offer services and from which (or on behalf of which) the library derives income, plus any areas served under contract for which the library is the primary service provider.

²Some data are different from other tables due to a different population base.

³ALA-MLS=A master's degree from a graduate library education program accredited by the American Library Association (ALA).

⁴Excludes some federal funds received through state library agencies.

NOTE: Detail may not sum to totals due to rounding. Data include imputations for non-response.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Public Libraries in the United States: FY 2001*. (This table was prepared August 2003.)

Table 425. Public libraries, books and serial volumes, library visits, and reference transactions, by state: Fiscal year 2001

State	Number of public libraries, excluding branches	Number of books and serial volumes ¹ (in thousands)	Number of books and serial volumes per capita	Library visits per capita ²	Circulation per capita	Public library reference transactions per capita ³	State	Number of public libraries, excluding branches	Number of books and serial volumes ¹ (in thousands)	Number of books and serial volumes per capita	Library visits per capita ²	Circulation per capita	Public library reference transactions per capita ³
1	2	3	4	5	6	7	1	2	3	4	5	6	7
United States	9,129	767,055	2.8	4.3	6.5	1.1							
Alabama	207	8,801	2.0	2.8	3.6	0.6	Missouri	150	18,716	3.7	4.4	7.6	1.2
Alaska	86	2,264	3.6	4.5	5.8	0.5	Montana	79	2,625	2.9	3.9	5.3	0.6
Arizona	35	8,760	1.7	4.1	6.5	0.9	Nebraska	272	6,004	4.6	5.1	8.6	0.8
Arkansas	43	5,497	2.1	2.8	4.1	0.6	Nevada	23	4,382	2.2	3.9	5.1	0.7
California	179	67,219	1.9	3.9	5.0	1.1	New Hampshire	229	5,572	4.6	4.7	7.1	0.7
Colorado	116	11,071	2.6	6.4	10.4	1.4	New Jersey	309	31,035	3.7	5.0	5.9	0.9
Connecticut	194	14,109	4.1	6.1	8.4	1.1	New Mexico	80	4,132	2.6	3.5	4.9	0.7
Delaware	37	1,468	1.9	3.5	5.8	0.7	New York	750	78,546	4.4	5.9	7.2	1.8
District of Columbia ...	1	2,472	4.3	3.5	2.1	2.1	North Carolina	76	15,916	2.0	3.6	5.4	0.9
Florida	72	29,826	1.8	3.6	5.0	1.5	North Dakota	82	2,158	3.9	4.0	7.1	0.7
Georgia	57	15,143	1.9	3.2	4.6	0.9	Ohio	250	47,088	4.1	6.3	13.8	1.6
Hawaii	1	3,195	2.6	4.6	5.6	0.8	Oklahoma	115	6,316	2.2	4.7	5.4	0.7
Idaho	106	3,577	3.1	5.5	7.7	0.7	Oregon	125	8,476	2.7	5.9	12.2	0.8
Illinois	629	41,620	3.7	5.4	7.4	1.5	Pennsylvania	459	28,061	2.3	3.3	4.7	0.8
Indiana	239	22,145	3.9	5.9	11.1	1.3	Rhode Island	48	3,997	3.8	5.4	6.3	0.8
Iowa	537	11,450	4.0	5.1	8.7	0.7	South Carolina	41	8,260	2.1	3.6	4.5	1.1
Kansas	321	10,438	4.7	5.5	9.6	1.2	South Dakota	126	2,835	4.8	5.5	8.0	0.9
Kentucky	116	7,891	2.0	3.4	5.2	0.5	Tennessee	184	10,080	1.8	3.0	3.9	0.7
Louisiana	65	10,850	2.4	2.9	4.1	1.0	Texas	540	35,725	1.8	2.9	4.2	0.9
Maine	273	5,891	4.9	4.9	6.9	0.8	Utah	70	6,064	2.7	5.2	11.0	1.4
Maryland	24	15,323	3.0	5.0	9.0	1.4	Vermont	188	2,731	4.7	5.2	6.7	0.7
Massachusetts	371	30,465	4.8	(4)	7.2	0.9	Virginia	90	18,659	2.6	4.2	7.9	1.1
Michigan	381	27,188	2.7	(4)	5.2	0.8	Washington	65	17,003	2.9	4.7	9.6	1.4
Minnesota	140	14,414	(4)	(4)	(4)	(4)	West Virginia	97	4,920	2.7	3.4	4.4	0.8
Mississippi	49	5,615	2.0	2.9	3.2	0.5	Wisconsin	379	18,647	3.5	5.7	9.2	1.0
							Wyoming	23	2,415	4.9	5.4	7.6	0.8

¹Some data are different from other tables due to a different population base.

²The total number of persons entering the library for any purpose during the year.

³A reference transaction is an information contact which involves the knowledge, use, recommendations, interpretation or instructions in the use of one or more information sources by a member of the library staff.

⁴Data not shown because response rate is less than 70 percent.

NOTE: Data include imputations for nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Public Libraries in the United States: FY 2001*. (This table was prepared August 2003.)

Table 426. Use of the Internet by persons 3 years old and over, by type of use and selected characteristics of students and other users: September 2001

Selected characteristic	Percent of Internet users using the Internet for various activities during the year ¹										Look for jobs ²		
	Number of persons using the Internet, in thousands	Percent using the Internet anywhere	Percent using the Internet at school	School assignments	E-mail and messaging	Playing games	Online courses	Product purchases and information	News, weather, and sports	Health information ²		Government information ²	Conduct financial transactions ^{2,3}
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total, all persons	147,012 (332)	55.4 (0.1)	11.9 (0.1)	24.1 (0.2)	81.6 (0.2)	40.9 (0.2)	3.4 (0.1)	67.4 (0.2)	60.0 (0.2)	34.0 (0.2)	30.1 (0.2)	22.0 (0.2)	16.0 (0.2)
Sex													
Male	71,739 (337)	55.5 (0.2)	12.1 (0.1)	23.7 (0.2)	80.3 (0.2)	43.9 (0.3)	3.5 (0.1)	68.7 (0.3)	65.1 (0.3)	28.8 (0.3)	30.7 (0.3)	25.3 (0.3)	16.4 (0.2)
Female	75,272 (341)	55.3 (0.2)	11.6 (0.1)	24.4 (0.2)	82.8 (0.2)	38.0 (0.3)	3.4 (0.1)	66.3 (0.3)	55.2 (0.3)	38.8 (0.3)	29.6 (0.3)	18.9 (0.2)	15.6 (0.2)
Race/ethnicity													
White, non-Hispanic	114,896 (356)	61.5 (0.2)	12.1 (0.1)	22.3 (0.2)	84.2 (0.2)	40.0 (0.2)	3.4 (0.1)	70.5 (0.2)	61.9 (0.2)	35.1 (0.2)	30.4 (0.2)	22.6 (0.2)	15.2 (0.2)
Black, non-Hispanic	13,688 (133)	41.3 (0.4)	11.3 (0.3)	31.9 (0.6)	70.1 (0.6)	47.7 (0.7)	3.6 (0.3)	54.6 (0.7)	50.4 (0.7)	30.4 (0.7)	29.0 (0.7)	16.3 (0.6)	21.6 (0.6)
Hispanic	10,602 (134)	33.0 (0.5)	9.6 (0.3)	29.1 (0.8)	68.1 (0.8)	42.7 (0.8)	3.9 (0.3)	53.6 (0.8)	50.6 (0.8)	26.3 (0.9)	26.1 (0.9)	17.6 (0.7)	17.1 (0.7)
Other	7,746 (126)	59.9 (0.8)	14.9 (0.5)	29.7 (0.9)	82.3 (0.8)	39.4 (1.0)	3.7 (0.4)	64.1 (1.0)	61.5 (1.0)	32.8 (1.0)	32.7 (1.0)	27.7 (1.0)	18.3 (0.8)
Age													
3 to 5	2,532 (77)	21.3 (0.6)	6.2 (0.3)	20.6 (1.2)	29.8 (1.4)	64.8 (1.5)	0.7 (0.2)	10.7 (0.9)	12.3 (1.0)	—	—	—	—
6 to 9	7,159 (128)	44.5 (0.6)	24.9 (0.5)	46.5 (0.9)	42.2 (0.9)	62.3 (0.9)	0.6 (0.1)	15.7 (0.7)	18.4 (0.7)	—	—	—	—
10 to 14	14,153 (177)	67.9 (0.5)	46.7 (0.5)	76.6 (0.5)	65.0 (0.6)	63.0 (0.6)	0.7 (0.1)	32.9 (0.6)	37.4 (0.6)	—	—	—	—
15 to 19	15,110 (182)	74.7 (0.5)	48.7 (0.5)	77.2 (0.5)	83.2 (0.5)	58.2 (0.6)	2.1 (0.2)	57.1 (0.6)	53.0 (0.6)	12.2 (0.4)	12.2 (0.4)	4.9 (0.3)	8.0 (0.3)
20 to 24	12,610 (168)	66.4 (0.5)	21.6 (0.5)	38.4 (0.7)	87.2 (0.5)	47.3 (0.7)	5.5 (0.3)	73.2 (0.6)	64.1 (0.7)	22.2 (0.6)	23.9 (0.6)	18.2 (0.5)	26.2 (0.6)
25 to 29	11,611 (161)	66.0 (0.5)	2.6 (0.3)	12.1 (0.5)	87.9 (0.5)	38.6 (0.7)	5.5 (0.3)	82.5 (0.5)	72.3 (0.6)	36.8 (0.7)	34.7 (0.7)	30.1 (0.7)	27.9 (0.6)
30 to 39	27,252 (237)	66.6 (0.4)	6.2 (0.4)	5.6 (0.2)	87.7 (0.3)	34.9 (0.4)	4.6 (0.2)	85.5 (0.4)	72.3 (0.4)	38.4 (0.5)	34.2 (0.4)	28.8 (0.4)	20.3 (0.4)
40 to 49	27,781 (239)	64.0 (0.4)	1.4 (0.1)	3.2 (0.2)	86.8 (0.3)	30.6 (0.4)	4.2 (0.2)	79.2 (0.4)	68.9 (0.4)	32.6 (0.4)	32.6 (0.4)	24.2 (0.4)	15.0 (0.3)
50 to 59	17,925 (197)	56.6 (0.4)	0.8 (0.1)	1.9 (0.2)	87.7 (0.4)	26.5 (0.5)	3.6 (0.2)	78.1 (0.5)	65.1 (0.5)	38.2 (0.4)	36.2 (0.4)	22.0 (0.5)	10.0 (0.3)
60 to 69	7,205 (128)	35.8 (0.5)	—	0.2 (0.1)	88.1 (0.6)	28.6 (0.8)	1.9 (0.2)	73.7 (0.8)	60.3 (0.9)	42.2 (0.9)	33.1 (0.9)	19.9 (0.7)	4.8 (0.4)
70 or older	3,675 (93)	15.6 (0.4)	—	—	84.9 (0.9)	28.8 (1.1)	1.3 (0.3)	58.3 (1.3)	52.0 (1.3)	35.1 (1.2)	23.1 (1.1)	16.0 (0.9)	1.7 (0.3)
Family income ⁴													
Less than \$10,000	4,202 (103)	25.4 (0.6)	10.0 (0.4)	38.8 (1.3)	69.9 (1.2)	44.9 (1.2)	3.9 (0.5)	56.1 (1.3)	52.0 (1.3)	28.2 (1.4)	26.9 (1.3)	14.7 (1.1)	24.2 (1.3)
\$10,000 to \$19,999	7,328 (186)	28.2 (0.6)	8.7 (0.4)	30.0 (1.2)	69.9 (1.2)	45.2 (1.3)	3.6 (0.5)	55.3 (1.3)	51.9 (1.3)	28.3 (1.3)	27.6 (1.3)	13.8 (1.0)	20.4 (1.2)
\$20,000 to \$29,999	12,055 (236)	40.5 (0.6)	10.0 (0.4)	24.8 (0.9)	73.5 (0.9)	46.6 (1.0)	3.0 (0.3)	59.9 (1.0)	54.4 (1.0)	30.5 (1.0)	26.4 (1.0)	14.6 (0.8)	20.0 (0.9)
\$30,000 to \$39,999	14,136 (254)	50.8 (0.7)	10.7 (0.4)	22.5 (0.8)	78.4 (0.8)	42.8 (0.9)	3.2 (0.3)	65.0 (0.9)	55.6 (0.9)	31.8 (1.0)	27.5 (0.9)	17.3 (0.8)	18.7 (0.8)
\$40,000 to \$49,999	13,810 (252)	61.5 (0.7)	13.1 (0.5)	23.3 (0.8)	80.0 (0.8)	43.9 (0.9)	3.5 (0.3)	64.1 (0.9)	57.5 (0.9)	32.3 (1.0)	29.6 (1.0)	19.7 (0.8)	16.4 (0.8)
\$50,000 to \$74,999	30,850 (360)	69.0 (0.5)	13.4 (0.4)	22.7 (0.5)	82.8 (0.5)	41.8 (0.6)	3.4 (0.2)	68.7 (0.6)	61.6 (0.6)	34.3 (0.7)	29.0 (0.6)	22.2 (0.6)	15.6 (0.5)
\$75,000 or more	45,393 (418)	80.4 (0.4)	16.0 (0.3)	24.1 (0.4)	87.5 (0.3)	36.8 (0.5)	3.9 (0.2)	74.5 (0.5)	65.7 (0.5)	38.3 (0.5)	34.6 (0.5)	29.3 (0.5)	14.4 (0.4)
Total, all students	46,491 (294)	66.1 (0.3)	44.7 (0.3)	76.1 (0.3)	71.6 (0.3)	56.3 (0.4)	3.5 (0.1)	46.9 (0.4)	46.0 (0.4)	20.3 (0.4)	22.2 (0.4)	13.5 (0.3)	15.0 (0.4)
Elementary/secondary ⁵	32,237 (255)	59.8 (0.3)	40.5 (0.3)	72.4 (0.4)	63.4 (0.4)	62.0 (0.4)	0.9 (0.1)	34.5 (0.4)	36.4 (0.4)	9.7 (0.5)	9.9 (0.5)	3.0 (0.3)	4.9 (0.3)
3 to 5 years old	1,782 (65)	26.9 (0.8)	11.1 (0.6)	29.3 (1.7)	30.7 (1.7)	64.9 (1.7)	0.3 (0.2)	11.1 (1.1)	13.1 (1.2)	—	—	—	—
6 to 9 years old	6,842 (125)	46.2 (0.6)	27.1 (0.6)	48.7 (0.9)	41.9 (0.9)	62.4 (0.9)	0.6 (0.1)	15.5 (0.7)	18.2 (0.7)	—	—	—	—
10 to 14 years old	13,707 (174)	69.8 (0.5)	49.6 (0.5)	79.0 (0.5)	65.3 (0.6)	63.2 (0.6)	0.6 (0.1)	32.9 (0.6)	37.5 (0.6)	—	—	—	—
15 years old and over	9,906 (150)	77.4 (0.6)	57.2 (0.7)	87.4 (0.5)	81.6 (0.6)	59.4 (0.8)	1.7 (0.2)	54.1 (0.8)	51.8 (0.8)	9.7 (0.5)	9.9 (0.5)	3.0 (0.3)	4.9 (0.3)
College	14,254 (178)	86.7 (0.4)	58.8 (0.6)	84.3 (0.5)	90.1 (0.4)	43.5 (0.6)	9.3 (0.4)	75.0 (0.6)	67.8 (0.6)	27.7 (0.6)	30.8 (0.6)	20.8 (0.5)	22.1 (0.5)
Sex													
Male	22,808 (220)	65.5 (0.4)	45.1 (0.4)	74.7 (0.4)	69.1 (0.4)	61.3 (0.5)	3.0 (0.2)	47.6 (0.5)	49.3 (0.5)	15.4 (0.5)	21.9 (0.6)	14.6 (0.5)	15.0 (0.5)
Elementary/secondary ⁵	16,528 (190)	60.0 (0.5)	40.7 (0.5)	71.6 (0.5)	61.1 (0.6)	65.2 (0.6)	1.0 (0.1)	36.5 (0.6)	39.8 (0.6)	8.1 (0.6)	9.8 (0.6)	3.7 (0.4)	5.2 (0.5)
3 to 5 years old	28.7 (1.2)	28.7 (1.2)	12.0 (0.9)	29.6 (2.2)	29.8 (2.2)	65.9 (2.3)	0.5 (0.4)	11.9 (1.6)	13.2 (1.7)	—	—	—	—
6 to 9 years old	3,500 (48)	46.3 (0.9)	27.7 (0.8)	49.4 (1.3)	40.5 (1.3)	65.4 (1.2)	0.3 (0.2)	16.6 (1.0)	21.3 (1.1)	—	—	—	—
10 to 14 years old	7,000 (127)	70.0 (0.7)	49.6 (0.8)	77.0 (0.8)	61.4 (0.9)	65.3 (0.9)	0.7 (0.2)	34.7 (0.9)	39.5 (0.9)	—	—	—	—
15 years old and over	5,047 (108)	76.9 (0.8)	56.8 (0.9)	87.5 (0.7)	81.0 (0.9)	64.8 (1.0)	1.9 (0.3)	57.6 (1.1)	58.3 (1.1)	8.1 (0.6)	9.8 (0.6)	3.7 (0.4)	5.2 (0.5)
College	6,280 (120)	86.6 (0.6)	61.8 (0.9)	82.8 (0.7)	90.3 (0.6)	51.1 (1.0)	8.1 (0.5)	76.7 (0.8)	74.2 (0.9)	21.2 (0.8)	31.6 (0.9)	23.4 (0.8)	22.9 (0.8)
Female	23,683 (223)	66.7 (0.4)	44.4 (0.4)	77.4 (0.4)	74.0 (0.4)	51.5 (0.6)	4.0 (0.2)	46.3 (0.5)	42.9 (0.5)	24.7 (0.6)	22.5 (0.6)	12.5 (0.4)	15.1 (0.5)
Elementary/secondary ⁵	15,709 (186)	59.7 (0.5)	32.4 (0.5)	73.3 (0.5)	65.9 (0.6)	58.5 (0.6)	0.8 (0.1)	32.4 (0.6)	32.9 (0.6)	11.3 (0.7)	10.0 (0.7)	2.3 (0.3)	4.5 (0.5)
3 to 5 years old	801 (43)	25.1 (1.2)	10.1 (0.8)	28.9 (2.5)	31.8 (2.5)	63.8 (2.6)	—	10.0 (1.6)	13.0 (1.8)	—	—	—	—
6 to 9 years old	3,342 (88)	46.0 (0.9)	26.4 (0.8)	48.0 (1.3)	43.4 (1.3)	59.3 (1.3)	0.8 (0.2)	14.4 (0.9)	15.0 (1.0)	—	—	—	—
10 to 14 years old	6,707 (124)	69.7 (0.7)	49.5 (0.8)	81.1 (0.7)	69.3 (0.9)	61.0 (0.9)	0.5 (0.1)	31.0 (0.9)	35.4 (0.9)	—	—	—	—
15 years old and over	4,859 (106)	78.0 (0.8)	57.5 (1.0)	87.3 (0.7)	82.3 (0.8)	53.9 (1.1)	1.4 (0.3)	50.5 (1.1)	45.0 (1.1)	11.3 (0.7)	10.0 (0.7)	2.3 (0.3)	4.5 (0.5)
College	7,974 (135)	86.8 (0.5)	56.4 (0.8)	85.5 (0.6)	90.0 (0.5)	37.6 (0.8)	10.2 (0.5)	73.6 (0.8)	62.7 (0.8)	32.8 (0.8)	30.2 (0.8)	18.8 (0.7)	21.5 (0.7)

See notes at end of table.

Table 426. Use of the Internet by persons 3 years old and over, by type of use and selected characteristics of students and other users: September 2001—Continued

Selected characteristic	Number of persons using the Internet, in thousands	Percent using the Internet anywhere	Percent of Internet users using the Internet for various activities during the year ¹										Look for jobs ²
			Percent using the Internet at school	School assignments	E-mail and messaging	Playing games	Online courses	Product purchases and information	News, weather, and sports	Health information ²	Government information ²	Conduct financial transactions ^{2,3}	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
White, non-Hispanic	33,287 (258)	73.4 (0.3)	50.0 (0.4)	77.1 (0.4)	75.7 (0.4)	56.1 (0.4)	3.5 (0.2)	49.7 (0.4)	47.6 (0.4)	20.4 (0.5)	22.1 (0.5)	14.1 (0.4)	14.2 (0.4)
Elementary/secondary ⁵	23,057 (221)	67.5 (0.4)	46.2 (0.5)	73.7 (0.4)	73.7 (0.4)	68.4 (0.5)	0.8 (0.1)	37.2 (0.5)	37.8 (0.5)	9.1 (0.5)	9.5 (0.5)	3.1 (0.3)	4.2 (0.4)
3 to 5 years old	1,213 (53)	29.8 (1.1)	11.7 (0.8)	27.4 (2.0)	32.2 (2.1)	32.2 (2.1)	0.4 (0.3)	11.7 (1.4)	13.4 (1.5)	—	—	—	—
6 to 9 years old	4,962 (107)	52.7 (0.8)	30.1 (0.7)	47.7 (1.1)	44.9 (1.1)	61.8 (0.8)	0.5 (0.2)	16.6 (0.8)	17.8 (0.8)	—	—	—	—
10 to 14 years old	9,828 (149)	78.9 (0.6)	57.6 (0.7)	81.3 (0.6)	71.4 (0.7)	63.2 (0.7)	0.6 (0.1)	35.5 (0.7)	38.6 (0.8)	—	—	—	—
15 years old and over	7,054 (127)	85.8 (0.6)	64.5 (0.8)	89.3 (0.6)	87.1 (0.6)	59.5 (0.9)	1.4 (0.2)	58.3 (0.9)	54.9 (0.9)	9.1 (0.5)	9.5 (0.5)	3.1 (0.3)	4.2 (0.4)
College	10,230 (152)	91.2 (0.4)	61.5 (0.7)	85.0 (0.5)	92.1 (0.4)	43.1 (0.8)	9.6 (0.4)	78.0 (0.6)	69.8 (0.7)	28.1 (0.7)	30.8 (0.7)	2.7 (0.6)	21.1 (0.6)
Black, non-Hispanic	5,644 (109)	52.4 (0.8)	35.0 (0.8)	71.0 (1.0)	71.0 (1.0)	58.4 (1.1)	3.2 (0.4)	37.3 (1.1)	40.1 (1.1)	20.3 (1.2)	22.6 (1.3)	10.1 (0.9)	20.2 (1.2)
Elementary/secondary ⁵	3,951 (95)	46.6 (0.9)	30.7 (0.8)	65.2 (1.2)	65.2 (1.2)	47.6 (1.3)	0.9 (0.2)	25.5 (1.1)	31.7 (1.2)	8.6 (1.3)	11.3 (1.5)	2.4 (0.7)	7.6 (1.3)
3 to 5 years old	252 (26)	24.1 (2.2)	10.9 (1.6)	29.9 (4.7)	23.3 (4.4)	23.3 (4.4)	—	6.0 (2.4)	12.3 (3.4)	—	—	—	—
6 to 9 years old	890 (48)	39.0 (1.7)	24.6 (1.5)	49.8 (2.7)	36.1 (2.6)	65.3 (2.6)	0.6 (0.4)	11.0 (1.7)	20.2 (2.2)	—	—	—	—
10 to 14 years old	1,611 (64)	51.6 (1.5)	34.2 (1.4)	68.5 (1.9)	45.3 (2.0)	67.1 (1.9)	0.7 (0.3)	26.8 (1.8)	35.6 (2.0)	—	—	—	—
15 years old and over	1,198 (55)	58.9 (1.8)	42.5 (1.8)	79.5 (1.9)	64.2 (2.3)	61.5 (2.3)	1.6 (0.6)	38.8 (2.3)	39.1 (2.3)	8.6 (1.3)	11.3 (1.5)	2.4 (0.7)	7.6 (1.3)
College	1,693 (65)	74.1 (1.5)	51.0 (1.7)	84.6 (1.4)	83.5 (1.5)	49.1 (2.0)	8.5 (1.1)	64.7 (1.9)	59.7 (2.0)	28.6 (1.8)	30.5 (1.8)	15.5 (1.4)	29.1 (1.8)
Hispanic	4,573 (106)	45.9 (0.9)	30.9 (0.8)	73.9 (1.1)	73.9 (1.1)	55.5 (1.3)	3.1 (0.4)	38.1 (1.3)	39.3 (1.3)	19.1 (1.4)	19.9 (1.5)	11.2 (1.1)	14.4 (1.3)
Elementary/secondary ⁵	3,370 (94)	40.5 (0.9)	27.0 (0.9)	71.5 (1.4)	71.5 (1.4)	46.2 (1.5)	1.4 (0.4)	27.8 (1.3)	31.7 (1.4)	12.0 (1.7)	8.8 (1.5)	2.4 (0.8)	6.8 (1.3)
3 to 5 years old	194 (24)	17.3 (2.0)	8.6 (1.5)	34.9 (6.0)	25.3 (5.5)	25.3 (5.5)	—	7.8 (3.4)	12.5 (4.2)	—	—	—	—
6 to 9 years old	651 (44)	27.1 (1.6)	17.0 (1.3)	56.7 (3.0)	26.7 (3.0)	61.5 (3.3)	—	15.0 (2.4)	17.3 (2.6)	—	—	—	—
10 to 14 years old	1,423 (64)	48.4 (1.6)	32.7 (1.5)	76.6 (2.0)	43.3 (2.3)	58.4 (2.3)	0.8 (0.4)	23.3 (2.0)	31.0 (2.1)	—	—	—	—
15 years old and over	1,103 (57)	59.3 (2.0)	42.0 (2.0)	83.1 (2.0)	65.3 (2.5)	56.0 (2.6)	3.0 (0.9)	44.8 (2.6)	44.2 (2.6)	12.0 (1.7)	8.8 (1.5)	2.4 (0.8)	6.8 (1.3)
College	1,203 (59)	73.4 (1.9)	50.4 (2.2)	80.6 (2.0)	82.8 (1.9)	42.8 (2.5)	7.9 (1.4)	66.8 (2.4)	60.9 (2.5)	25.7 (2.2)	30.2 (2.3)	19.3 (2.0)	21.4 (2.1)
Family income ⁴													
Less than \$10,000	2,246 (79)	49.3 (1.3)	36.4 (1.2)	72.6 (1.6)	72.6 (1.6)	64.5 (1.8)	4.9 (0.8)	46.8 (1.8)	49.7 (1.8)	22.8 (2.0)	25.3 (2.0)	16.4 (1.7)	20.5 (1.9)
\$10,000 to \$19,999	3,127 (91)	48.3 (1.1)	35.1 (1.0)	70.3 (1.4)	70.3 (1.4)	59.4 (1.5)	5.2 (0.7)	42.8 (1.5)	43.4 (1.5)	23.9 (1.8)	29.4 (1.9)	15.5 (1.5)	18.8 (1.7)
\$20,000 to \$29,999	4,208 (103)	56.5 (1.0)	41.2 (1.0)	76.0 (1.3)	76.0 (1.3)	60.5 (1.3)	3.8 (0.5)	41.5 (1.3)	43.2 (1.3)	20.3 (1.5)	23.4 (1.6)	12.2 (1.2)	19.2 (1.5)
\$30,000 to \$39,999	4,394 (105)	61.0 (1.0)	41.2 (1.0)	72.3 (1.2)	72.3 (1.2)	66.2 (1.3)	3.5 (0.5)	43.4 (1.3)	43.1 (1.3)	21.4 (1.5)	23.2 (1.6)	12.2 (1.2)	18.9 (1.5)
\$40,000 to \$49,999	4,392 (105)	69.6 (1.0)	46.5 (1.1)	73.3 (1.2)	73.3 (1.2)	69.4 (1.2)	3.5 (0.5)	42.5 (1.3)	41.5 (1.3)	19.4 (1.5)	24.9 (1.7)	13.6 (1.3)	12.7 (1.3)
\$50,000 to \$74,999	9,231 (131)	73.4 (0.7)	47.7 (0.8)	76.0 (0.8)	76.0 (0.8)	73.3 (0.8)	3.1 (0.3)	46.3 (0.9)	46.8 (0.9)	19.6 (1.0)	20.0 (1.0)	13.2 (0.9)	14.4 (0.9)
\$75,000 or more	13,538 (134)	80.2 (0.5)	53.4 (0.7)	80.9 (0.6)	80.9 (0.6)	80.3 (0.6)	3.5 (0.3)	53.3 (0.7)	49.5 (0.8)	20.0 (0.8)	21.0 (0.8)	14.9 (0.7)	11.9 (0.7)

⁵ Includes prekindergarten through grade 12.

NOTE: Data are based on a sample survey of households and are subject to sampling and nonsampling error. Includes students in both public and private schools and colleges. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, September 2001, unpublished data. (This table was prepared February 2003.)

—Not available

#Rounds to zero.

‡ Reporting standards not met.

¹ Individuals may be counted in more than one computer activity.

² Data are for persons 15 years old and over.

³ Includes online banking and stock and securities transactions.

⁴ Excludes persons not reporting income.

Table 427. Percent of home computer users using specific applications, by selected characteristics: October 1997 and September 2001

Selected characteristic	Number of home computer users, 1997, in thousands	Percent of persons using computers at home, 1997	Number of home computer users, 2001, in thousands	Percent of persons using computers at home, 2001	Percent of computer users using specific applications, 2001 ¹							
					Word processing	Connect to internet	E-mail	Spread-sheets/ data-bases ²	Graphics/ design ²	School assignments	Household records/ finances ²	Games
1	2	3	4	5	6	7	8	9	10	11	12	13
Total, age 3 and over	81,013 (600)	31.7 (0.2)	138,915 (873)	52.4 (0.2)	55.0 (0.2)	83.2 (0.2)	74.2 (0.2)	— (—)	— (—)	25.7 (0.2)	— (—)	65.6 (0.2)
Total, age 15 and over	62,239 (505)	30.0 (0.2)	109,901 (739)	50.8 (0.2)	59.2 (0.3)	89.3 (0.2)	83.3 (0.2)	31.8 (0.2)	25.5 (0.2)	17.9 (0.2)	28.5 (0.2)	58.2 (0.3)
Sex												
Male	41,260 (413)	33.1 (0.2)	68,255 (585)	52.8 (0.2)	50.9 (0.3)	83.6 (0.2)	72.9 (0.3)	26.8 (0.3)	20.2 (0.3)	25.1 (0.3)	23.4 (0.3)	68.9 (0.3)
Female	39,753 (385)	30.3 (0.2)	70,660 (573)	51.9 (0.2)	58.9 (0.3)	82.8 (0.2)	75.5 (0.3)	23.5 (0.3)	20.2 (0.2)	26.2 (0.3)	21.7 (0.2)	62.4 (0.3)
Race/ethnicity												
White, non-Hispanic	68,026 (544)	36.9 (0.2)	110,314 (757)	59.1 (0.2)	55.5 (0.3)	84.7 (0.2)	76.3 (0.2)	25.7 (0.2)	20.4 (0.2)	23.8 (0.2)	23.6 (0.2)	65.1 (0.2)
Black, non-Hispanic	4,943 (136)	15.6 (0.4)	11,288 (227)	33.9 (0.5)	54.7 (0.8)	78.0 (0.7)	66.2 (0.8)	24.3 (0.7)	20.7 (0.7)	33.1 (0.8)	18.9 (0.7)	71.0 (0.8)
Hispanic	4,081 (139)	14.5 (0.4)	9,830 (241)	30.6 (0.5)	48.1 (1.0)	72.1 (0.9)	59.4 (1.0)	18.9 (0.8)	17.2 (0.8)	33.4 (0.9)	16.2 (0.7)	68.5 (0.9)
Asian/Pacific Islander	3,469 (126)	37.6 (1.0)	6,519 (185)	61.1 (0.9)	57.5 (1.2)	86.1 (0.8)	77.1 (1.0)	27.1 (1.1)	20.3 (1.0)	32.8 (1.1)	20.8 (1.0)	58.3 (1.2)
American Indian/Alaska Native	493 (44)	23.0 (1.8)	964 (63)	42.6 (2.1)	47.8 (3.2)	72.3 (2.8)	59.8 (3.1)	19.2 (2.5)	18.2 (2.5)	29.1 (2.9)	16.3 (2.3)	77.2 (2.7)
Age												
3 to 14	18,774 (250)	39.1 (0.4)	29,014 (319)	59.4 (0.4)	39.0 (0.5)	60.2 (0.5)	39.9 (0.5)	— (—)	— (—)	54.9 (0.5)	— (—)	93.6 (0.2)
15 to 19	8,395 (162)	43.1 (0.6)	13,624 (210)	67.4 (0.6)	70.1 (0.7)	87.9 (0.5)	80.8 (0.6)	25.1 (0.6)	32.3 (0.7)	81.0 (0.6)	5.2 (0.3)	81.1 (0.6)
20 to 24	4,975 (124)	28.5 (0.6)	10,471 (182)	55.1 (0.6)	65.3 (0.8)	88.6 (0.5)	83.2 (0.6)	31.6 (0.8)	28.9 (0.8)	41.7 (0.8)	17.0 (0.6)	68.0 (0.8)
25 to 29	5,963 (136)	31.7 (0.6)	9,729 (175)	55.3 (0.6)	58.7 (0.9)	91.5 (0.5)	86.2 (0.6)	35.7 (0.8)	27.3 (0.8)	14.0 (0.6)	34.5 (0.8)	59.8 (0.9)
30 to 39	15,393 (224)	35.8 (0.4)	24,514 (290)	59.9 (0.4)	56.4 (0.5)	90.1 (0.3)	84.5 (0.4)	34.7 (0.5)	25.9 (0.5)	6.5 (0.3)	35.5 (0.5)	57.3 (0.5)
40 to 49	15,346 (224)	38.3 (0.4)	25,022 (293)	57.7 (0.4)	58.0 (0.5)	90.5 (0.3)	83.5 (0.4)	33.9 (0.5)	25.4 (0.5)	3.8 (0.2)	33.9 (0.5)	52.1 (0.5)
50 to 59	7,679 (155)	28.5 (0.5)	15,887 (228)	50.2 (0.5)	58.0 (0.7)	89.6 (0.4)	83.7 (0.5)	33.2 (0.6)	23.0 (0.6)	2.4 (0.2)	32.8 (0.6)	46.3 (0.7)
60 to 69	3,162 (98)	16.2 (0.5)	6,874 (146)	34.2 (0.6)	53.6 (1.0)	87.0 (0.7)	81.8 (0.8)	26.7 (0.9)	16.8 (0.8)	0.1 (0.1)	29.8 (1.0)	51.1 (1.0)
70 or older	1,327 (63)	5.9 (0.3)	3,780 (107)	16.1 (0.4)	44.7 (1.4)	81.2 (1.1)	76.0 (1.2)	17.8 (1.1)	11.0 (0.9)	# (#)	26.3 (1.2)	52.8 (1.4)
Family income³												
Under \$20,000	7,374 (152)	11.0 (0.2)	9,589 (174)	22.6 (0.4)	49.8 (0.9)	70.3 (0.8)	61.6 (0.9)	18.8 (0.7)	17.4 (0.7)	35.0 (0.8)	15.0 (0.6)	73.2 (0.8)
\$20,000 to \$29,999	7,819 (156)	19.9 (0.3)	10,590 (183)	35.5 (0.5)	46.1 (0.8)	75.9 (0.7)	67.1 (0.8)	17.6 (0.6)	17.8 (0.6)	25.5 (0.7)	16.1 (0.6)	71.8 (0.8)
\$30,000 to \$39,999	10,370 (181)	28.5 (0.4)	13,295 (207)	47.7 (0.5)	49.0 (0.7)	78.0 (0.6)	68.8 (0.7)	20.5 (0.6)	17.5 (0.6)	24.3 (0.6)	19.8 (0.6)	70.1 (0.7)
\$40,000 to \$49,999	9,627 (174)	36.9 (0.5)	13,222 (206)	58.9 (0.6)	52.0 (0.8)	81.9 (0.6)	72.0 (0.7)	21.0 (0.6)	18.6 (0.6)	25.8 (0.7)	20.9 (0.6)	71.2 (0.7)
\$50,000 to \$74,999	21,685 (271)	46.5 (0.4)	30,245 (327)	67.7 (0.4)	53.7 (0.5)	84.2 (0.4)	74.8 (0.4)	24.9 (0.4)	20.2 (0.4)	24.9 (0.4)	22.5 (0.4)	66.8 (0.5)
\$75,000 or more	24,138 (287)	60.3 (0.4)	44,909 (413)	79.6 (0.3)	62.6 (0.4)	88.5 (0.3)	80.2 (0.3)	31.7 (0.4)	23.1 (0.3)	25.4 (0.4)	27.5 (0.4)	59.6 (0.4)

—Not available.

Rounds to zero.

¹ Individuals may be counted in more than one computer activity.

² Data are for persons 15 years old and over.

³ Excludes persons not reporting income.

NOTE: Excludes persons under age 3. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1997 and September 2001, unpublished data. (This table was prepared March 2003.)

Table 428. Percent of student home computer users using specific applications, by selected characteristics: September 2001

Selected characteristic	Number of students, in thousands	Number of students using computers at home, in thousands	Percent using computer at home	Percent of home computer users using specific applications ¹								
				Games	Internet	School assignments	E-mail	Word processing	Graphics and design	Spread-sheets and databases	Personal finances	
1	2	3	4	5	6	7	8	9	10	11	12	
Total, all students	70,304 (335)	48,198 (298)	68.6 (0.3)	83.3 (0.3)	74.6 (0.3)	73.9 (0.3)	61.0 (0.3)	56.6 (0.3)	— (—)	— (—)	— (—)	
Elementary/secondary												
Under age 6	53,864 (309)	35,429 (265)	65.8 (0.3)	90.9 (0.2)	68.6 (0.4)	68.4 (0.4)	51.5 (0.4)	48.7 (0.4)	— (—)	— (—)	— (—)	
Ages 6 to 9	6,616 (123)	3,584 (91)	54.2 (0.9)	94.9 (0.6)	31.0 (1.2)	17.1 (1.0)	11.4 (0.8)	11.7 (0.8)	— (—)	— (—)	— (—)	
Ages 10 to 14	14,821 (181)	9,197 (144)	62.1 (0.6)	95.3 (0.3)	51.5 (0.8)	42.9 (0.8)	26.9 (0.7)	25.6 (0.7)	— (—)	— (—)	— (—)	
15 years old or over	19,633 (209)	13,602 (174)	69.3 (0.5)	92.2 (0.4)	77.5 (0.6)	83.5 (0.5)	59.7 (0.6)	59.1 (0.6)	— (—)	— (—)	— (—)	
White, non-Hispanic	12,794 (169)	9,047 (143)	70.7 (0.6)	92.9 (0.6)	85.5 (0.5)	91.8 (0.4)	80.2 (0.6)	71.0 (0.7)	32.7 (0.8)	23.8 (0.7)	4.2 (0.3)	
Black, non-Hispanic	8,222 (137)	6,696 (124)	81.4 (0.7)	83.1 (0.7)	90.3 (0.6)	93.1 (0.5)	83.9 (0.7)	72.6 (0.8)	33.2 (0.9)	24.5 (0.8)	4.1 (0.4)	
Hispanic	2,035 (71)	900 (48)	44.2 (1.8)	87.9 (1.8)	78.4 (2.2)	85.7 (1.9)	66.2 (2.6)	65.3 (2.6)	29.4 (2.5)	19.3 (2.2)	4.1 (1.1)	
Asian/Pacific Islander	1,860 (72)	913 (52)	49.1 (2.0)	79.6 (2.3)	75.7 (2.5)	86.8 (2.0)	67.3 (2.7)	64.5 (2.8)	31.4 (2.7)	23.3 (2.4)	4.4 (1.2)	
American Indian/Alaska Native	557 (41)	466 (37)	83.6 (2.7)	75.9 (3.5)	89.2 (2.5)	95.5 (1.7)	80.4 (3.2)	72.2 (3.6)	36.5 (3.9)	23.2 (3.4)	3.4 (1.5)	
Undergraduate	120 (19)	71 (15)	59.0 (7.8)	82.6 (7.9)	71.0 (9.4)	88.5 (6.6)	68.0 (9.7)	65.4 (9.9)	23.4 (8.8)	20.9 (8.4)	10.0 (6.2)	
White, non-Hispanic	13,291 (172)	10,047 (151)	75.6 (0.6)	67.0 (0.7)	90.3 (0.5)	89.7 (0.5)	86.0 (0.5)	76.9 (0.6)	33.7 (0.7)	37.2 (0.7)	17.7 (0.6)	
Black, non-Hispanic	9,010 (143)	7,272 (129)	80.7 (0.6)	66.8 (0.8)	92.3 (0.5)	90.0 (0.5)	88.4 (0.6)	77.3 (0.8)	34.2 (0.9)	36.9 (0.9)	18.3 (0.7)	
Hispanic	1,901 (69)	1,099 (53)	57.8 (1.9)	70.7 (2.2)	84.1 (1.8)	89.2 (1.5)	78.2 (2.0)	76.8 (2.1)	33.6 (2.3)	41.9 (2.4)	18.7 (1.9)	
Asian/Pacific Islander	1,450 (64)	900 (51)	62.0 (2.2)	66.2 (2.8)	82.2 (2.2)	89.4 (1.8)	75.1 (2.5)	75.0 (2.5)	33.4 (2.7)	35.7 (2.8)	15.5 (2.1)	
American Indian/Alaska Native	837 (50)	708 (46)	84.6 (2.2)	62.8 (3.2)	91.1 (1.9)	88.2 (2.1)	87.9 (2.1)	75.0 (2.8)	29.3 (3.0)	35.2 (3.1)	12.3 (2.2)	
Graduate	93 (17)	69 (14)	73.6 (8.0)	78.4 (8.7)	78.9 (8.6)	92.2 (5.6)	76.1 (9.0)	81.8 (8.1)	35.9 (10.1)	33.7 (10.0)	10.4 (6.4)	
Male	3,149 (84)	2,722 (80)	86.4 (1.1)	44.1 (1.6)	94.5 (0.8)	87.9 (1.1)	92.0 (0.9)	85.0 (1.2)	35.7 (1.6)	50.2 (1.7)	35.5 (1.6)	
Elementary/secondary												
Under age 6	34,800 (263)	23,718 (224)	68.2 (0.4)	87.4 (0.3)	74.7 (0.4)	72.3 (0.4)	58.7 (0.5)	53.2 (0.5)	— (—)	— (—)	— (—)	
Ages 6 to 9	27,548 (239)	18,102 (198)	65.7 (0.4)	92.7 (0.3)	69.1 (0.5)	67.4 (0.5)	49.6 (0.6)	46.0 (0.6)	— (—)	— (—)	— (—)	
Ages 10 to 14	3,422 (89)	1,887 (67)	55.1 (1.3)	95.7 (0.7)	30.9 (1.6)	17.4 (1.3)	10.5 (1.1)	11.9 (1.1)	— (—)	— (—)	— (—)	
15 years old or over	7,556 (131)	4,643 (104)	61.4 (0.9)	95.3 (0.5)	52.1 (1.1)	41.8 (1.1)	24.9 (1.0)	22.9 (0.9)	— (—)	— (—)	— (—)	
Undergraduate	10,006 (150)	6,919 (126)	69.1 (0.7)	93.7 (0.5)	77.9 (0.8)	82.4 (0.7)	93.7 (0.5)	55.4 (0.9)	— (—)	— (—)	— (—)	
White, non-Hispanic	6,563 (123)	4,653 (104)	70.9 (0.9)	87.6 (0.7)	88.6 (0.7)	91.0 (0.6)	79.4 (0.9)	69.0 (1.0)	32.4 (1.1)	24.6 (1.0)	3.8 (0.4)	
Black, non-Hispanic	5,954 (117)	4,528 (102)	76.0 (0.9)	74.8 (1.0)	92.2 (0.6)	88.4 (0.7)	87.1 (0.8)	75.2 (1.0)	34.4 (1.1)	39.3 (1.1)	17.8 (0.9)	
Hispanic	1,299 (55)	1,088 (51)	83.8 (1.6)	50.3 (2.3)	93.9 (1.1)	85.9 (1.6)	92.3 (1.2)	80.4 (1.9)	36.6 (2.2)	52.7 (2.3)	38.9 (2.3)	
Female												
Under age 6	35,504 (265)	24,481 (227)	69.0 (0.4)	79.3 (0.4)	74.5 (0.4)	75.6 (0.4)	63.2 (0.5)	59.9 (0.5)	— (—)	— (—)	— (—)	
Ages 6 to 9	26,316 (234)	17,327 (194)	65.8 (0.4)	89.0 (0.4)	68.1 (0.5)	69.4 (0.5)	53.5 (0.6)	51.4 (0.6)	— (—)	— (—)	— (—)	
Ages 10 to 14	3,194 (86)	1,697 (63)	53.1 (1.4)	94.0 (0.9)	31.1 (1.7)	16.8 (1.4)	12.4 (1.2)	11.5 (1.2)	— (—)	— (—)	— (—)	
15 years old or over	7,265 (148)	4,554 (103)	62.7 (0.9)	95.3 (0.5)	51.0 (1.1)	44.0 (1.1)	28.9 (1.0)	28.3 (1.0)	— (—)	— (—)	— (—)	
Undergraduate	9,627 (148)	6,683 (124)	69.4 (0.7)	90.7 (0.5)	77.2 (0.8)	84.7 (0.7)	62.7 (0.9)	63.0 (0.9)	— (—)	— (—)	— (—)	
White, non-Hispanic	6,231 (120)	4,394 (101)	70.5 (0.9)	77.8 (1.0)	86.3 (0.8)	92.7 (0.6)	81.0 (0.9)	73.2 (1.0)	33.0 (1.1)	22.9 (1.0)	4.5 (0.5)	
Black, non-Hispanic	7,337 (130)	5,520 (113)	75.2 (0.8)	60.6 (1.0)	88.7 (0.7)	90.9 (0.6)	85.1 (0.7)	78.3 (0.9)	33.1 (1.0)	35.5 (1.0)	17.5 (0.8)	
Hispanic	1,851 (66)	1,634 (62)	88.3 (1.1)	40.0 (1.9)	94.9 (0.8)	89.2 (1.2)	91.9 (1.0)	88.0 (1.2)	35.1 (1.8)	48.6 (1.9)	33.2 (1.8)	

—Not available.

¹ Individuals may be counted in more than one computer activity.

NOTE: Includes students in both public and private schools and colleges. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, September 2001, unpublished data. (This table was prepared February 2003.)

Table 429. Student use of computers, by level of enrollment and selected characteristics: 1993, 1997, and 2001

Student and school characteristics	October 1993			October 1997			September 2001						College ²	
	Total	Elementary and secondary ¹	College ²	Total	Elementary and secondary ¹	College ²	Total	Elementary and secondary ¹						
								Total	Under 6	6 to 9 years old	10 to 14 years old	15 years old or over		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Percent of students using computers at school														
Total	59.0 (0.3)	60.1 (0.4)	54.7 (0.7)	68.8 (0.3)	70.4 (0.3)	62.9 (0.6)	82.9 (0.2)	84.2 (0.2)	56.0 (0.9)	85.4 (0.4)	90.3 (0.3)	88.0 (0.4)	78.5 (0.5)	
Sex														
Male	59.4 (0.4)	59.9 (0.5)	57.4 (1.0)	70.1 (0.4)	71.0 (0.4)	66.3 (0.9)	83.2 (0.3)	83.9 (0.3)	55.8 (1.3)	85.2 (0.6)	90.0 (0.5)	87.9 (0.6)	80.2 (0.7)	
Female	58.7 (0.4)	60.5 (0.5)	52.4 (1.0)	67.6 (0.4)	69.9 (0.5)	60.2 (0.8)	82.6 (0.3)	84.5 (0.3)	56.3 (1.4)	85.6 (0.6)	90.6 (0.5)	88.2 (0.6)	77.2 (0.7)	
Race/ethnicity														
White, non-Hispanic	61.6 (0.4)	63.8 (0.4)	54.0 (0.8)	71.1 (0.3)	73.9 (0.4)	62.1 (0.7)	84.1 (0.3)	85.9 (0.3)	55.6 (1.2)	88.2 (0.5)	91.8 (0.4)	89.2 (0.5)	78.6 (0.6)	
Black, non-Hispanic	51.5 (1.0)	50.6 (1.0)	57.0 (2.5)	66.3 (0.7)	66.1 (0.7)	66.8 (1.8)	82.4 (0.6)	83.7 (0.7)	56.9 (2.5)	83.6 (1.3)	89.4 (0.9)	89.0 (1.1)	77.7 (1.4)	
Hispanic	52.3 (1.5)	52.3 (1.2)	52.1 (4.1)	61.5 (0.9)	61.3 (0.7)	62.6 (2.4)	78.8 (0.7)	78.9 (0.8)	57.1 (2.6)	77.3 (1.5)	85.5 (1.1)	83.8 (1.5)	78.0 (1.8)	
Other	59.0 (2.2)	57.7 (2.5)	62.7 (4.2)	65.3 (1.3)	65.6 (1.5)	64.6 (2.6)	80.8 (1.1)	81.2 (1.3)	55.8 (4.5)	81.9 (2.5)	88.6 (1.7)	82.5 (2.6)	80.0 (1.9)	
Household income														
Less than \$5,000	51.2 (1.3)	48.1 (1.5)	62.4 (2.7)	62.1 (1.2)	61.6 (1.4)	63.4 (2.4)	81.5 (2.0)	79.9 (2.6)	63.7 (8.6)	81.2 (4.7)	85.8 (3.8)	78.8 (5.7)	84.3 (3.2)	
\$5,000 to \$9,999	53.3 (1.1)	53.1 (1.2)	54.3 (2.5)	63.5 (1.0)	61.9 (1.1)	70.4 (2.2)	81.8 (1.7)	80.4 (2.0)	54.1 (7.0)	79.6 (3.7)	89.0 (2.6)	82.4 (4.1)	87.0 (3.2)	
\$10,000 to \$14,999	56.4 (1.0)	56.7 (1.1)	55.1 (2.5)	66.2 (1.0)	66.4 (1.1)	65.2 (2.3)	81.9 (1.4)	82.0 (1.6)	53.6 (5.9)	82.4 (3.0)	88.7 (2.1)	86.3 (3.2)	81.6 (3.1)	
\$15,000 to \$19,999	58.1 (1.2)	59.4 (1.3)	52.3 (2.8)	65.9 (1.1)	66.5 (1.2)	63.2 (2.7)	77.9 (1.8)	79.1 (2.0)	58.0 (7.1)	77.3 (3.8)	84.5 (2.9)	83.5 (3.9)	73.1 (4.4)	
\$20,000 to \$24,999	56.4 (1.1)	56.3 (1.2)	56.6 (2.6)	66.9 (1.0)	67.5 (1.1)	64.3 (2.2)	81.8 (1.4)	81.8 (1.6)	48.1 (5.6)	85.6 (2.8)	89.2 (2.2)	85.9 (2.8)	81.8 (3.2)	
\$25,000 to \$29,999	60.0 (1.1)	61.9 (1.2)	52.4 (2.6)	68.5 (1.0)	70.4 (1.1)	61.2 (2.4)	81.5 (1.5)	81.2 (1.7)	51.0 (5.8)	83.0 (3.0)	88.2 (2.4)	86.6 (3.1)	82.7 (3.1)	
\$30,000 to \$34,999	59.1 (1.1)	61.3 (1.2)	50.5 (2.5)	67.6 (1.0)	71.0 (1.1)	53.9 (2.3)	82.1 (1.4)	84.1 (1.5)	51.1 (5.9)	85.4 (2.7)	91.3 (1.9)	88.8 (2.8)	75.2 (3.3)	
\$35,000 to \$39,999	60.7 (1.1)	63.3 (1.2)	49.0 (2.7)	69.0 (1.0)	71.1 (1.1)	60.4 (2.4)	82.8 (1.5)	83.8 (1.6)	57.2 (5.8)	84.7 (2.9)	92.1 (2.1)	87.3 (3.1)	78.7 (3.6)	
\$40,000 to \$49,999	59.3 (0.9)	60.8 (1.0)	53.1 (2.1)	70.5 (0.8)	72.6 (0.9)	60.9 (2.0)	83.9 (1.1)	86.2 (1.1)	56.8 (4.5)	87.0 (2.0)	94.1 (1.2)	88.6 (2.2)	74.5 (2.8)	
\$50,000 to \$74,999	62.6 (0.7)	64.9 (0.8)	55.0 (1.6)	71.7 (0.6)	74.2 (0.6)	63.2 (1.3)	83.9 (0.7)	86.2 (0.8)	56.7 (3.3)	88.1 (1.4)	91.5 (1.1)	90.4 (1.4)	76.2 (1.8)	
\$75,000 or more	64.6 (0.9)	67.0 (1.0)	58.2 (1.8)	72.1 (0.6)	75.1 (0.7)	63.9 (1.2)	84.8 (0.6)	86.8 (0.7)	58.2 (2.9)	88.9 (1.2)	93.3 (0.8)	89.3 (1.3)	79.1 (1.4)	
Control of school														
Public	60.2 (0.3)	61.6 (0.4)	54.0 (0.8)	70.2 (0.3)	72.1 (0.3)	62.3 (0.7)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	
Private	52.1 (0.9)	49.8 (1.1)	57.3 (1.5)	60.7 (0.7)	58.6 (1.0)	65.2 (1.3)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	
Percent of students using computers at home														
Total	27.0 (0.3)	24.5 (0.3)	36.2 (0.7)	45.1 (0.3)	42.8 (0.3)	53.2 (0.6)	68.6 (0.3)	65.8 (0.3)	54.2 (0.9)	62.1 (0.6)	69.3 (0.5)	70.7 (0.6)	77.7 (0.5)	
Sex														
Male	27.4 (0.4)	24.3 (0.5)	40.1 (1.0)	45.2 (0.4)	43.2 (0.5)	53.7 (0.9)	68.2 (0.4)	65.7 (0.4)	55.1 (1.3)	61.4 (0.9)	69.1 (0.7)	70.9 (0.9)	77.4 (0.8)	
Female	26.6 (0.4)	24.7 (0.5)	33.0 (0.9)	44.9 (0.4)	42.5 (0.5)	52.8 (0.8)	69.0 (0.4)	65.8 (0.4)	53.1 (1.4)	62.7 (0.9)	69.4 (0.7)	70.5 (0.9)	77.9 (0.7)	
Race/ethnicity														
White, non-Hispanic	32.8 (0.4)	30.8 (0.4)	39.2 (0.8)	54.9 (0.4)	53.9 (0.4)	58.2 (0.7)	78.5 (0.3)	77.2 (0.3)	66.6 (1.1)	73.9 (0.7)	80.3 (0.5)	81.4 (0.7)	82.3 (0.6)	
Black, non-Hispanic	10.9 (0.6)	8.7 (0.5)	22.7 (2.0)	21.1 (0.6)	19.1 (0.6)	31.0 (1.8)	45.5 (0.8)	41.0 (0.9)	32.2 (2.4)	37.3 (1.7)	44.5 (1.5)	44.2 (1.8)	62.4 (1.7)	
Hispanic	10.4 (0.9)	7.9 (0.6)	25.0 (3.3)	21.1 (0.7)	18.3 (0.5)	38.8 (2.4)	45.7 (0.9)	42.2 (0.9)	30.8 (2.4)	37.7 (1.7)	45.9 (1.6)	49.1 (2.0)	63.5 (2.1)	
Other	28.7 (2.0)	25.8 (2.2)	36.0 (4.0)	49.1 (1.4)	46.5 (1.5)	56.3 (2.7)	74.8 (1.2)	71.6 (1.5)	51.0 (4.5)	66.8 (3.0)	77.1 (2.2)	79.2 (2.7)	82.1 (1.9)	
Household income														
Less than \$5,000	9.7 (0.8)	4.3 (0.6)	28.3 (2.4)	22.6 (1.0)	15.2 (1.0)	43.7 (2.4)	39.6 (2.6)	25.7 (2.8)	23.4 (7.5)	22.2 (5.0)	25.9 (4.8)	31.5 (6.5)	65.5 (4.2)	
\$5,000 to \$9,999	8.0 (0.6)	4.2 (0.5)	25.0 (2.1)	15.8 (0.8)	9.3 (0.7)	42.9 (2.4)	33.5 (2.1)	24.7 (2.2)	14.8 (5.0)	24.1 (3.9)	28.8 (3.8)	24.4 (4.6)	65.0 (4.5)	
\$10,000 to \$14,999	11.4 (0.6)	6.7 (0.6)	33.4 (2.3)	18.4 (0.8)	13.6 (0.8)	39.7 (2.3)	41.8 (1.8)	34.9 (2.0)	23.4 (5.0)	28.2 (3.6)	38.2 (3.3)	44.7 (4.6)	67.1 (3.8)	
\$15,000 to \$19,999	15.1 (0.8)	11.2 (0.8)	31.0 (2.4)	20.7 (0.9)	16.5 (0.9)	41.2 (2.8)	45.7 (2.2)	38.6 (2.4)	28.6 (6.5)	34.3 (4.3)	41.5 (4.0)	44.7 (5.2)	74.6 (4.3)	
\$20,000 to \$24,999	16.8 (0.8)	13.6 (0.8)	31.0 (2.3)	30.5 (1.0)	26.2 (1.0)	47.5 (2.3)	48.7 (1.8)	43.9 (2.0)	32.0 (5.2)	43.4 (3.9)	48.0 (3.5)	45.2 (4.0)	68.0 (3.9)	
\$25,000 to \$29,999	21.1 (0.9)	19.1 (1.0)	29.0 (2.3)	34.6 (1.0)	32.0 (1.1)	45.0 (2.4)	54.6 (1.9)	50.7 (2.1)	44.8 (5.8)	41.7 (3.9)	57.5 (3.6)	55.5 (4.5)	69.6 (3.8)	
\$30,000 to \$34,999	24.1 (0.9)	22.6 (1.0)	29.7 (2.1)	38.7 (1.0)	36.1 (1.1)	49.2 (2.3)	61.6 (1.8)	59.2 (2.0)	45.2 (5.9)	57.7 (3.8)	64.9 (3.3)	59.6 (4.3)	69.8 (3.5)	
\$35,000 to \$39,999	27.1 (1.0)	24.9 (1.1)	36.1 (2.4)	44.1 (1.1)	42.6 (1.2)	50.5 (2.4)	67.1 (1.9)	64.4 (2.1)	52.6 (5.9)	62.4 (3.9)	71.0 (3.5)	64.9 (4.5)	77.7 (3.6)	
\$40,000 to \$49,999	32.2 (0.9)	31.6 (1.0)	34.4 (1.9)	50.6 (0.9)	50.4 (1.0)	51.7 (2.0)	75.2 (1.2)	73.6 (1.4)	56.6 (4.5)	72.3 (2.7)	78.2 (2.2)	77.2 (2.9)	81.6 (2.5)	
\$50,000 to \$74,999	43.0 (0.7)	42.9 (0.8)	43.5 (1.5)	61.7 (0.6)	62.2 (0.7)	59.9 (1.3)	81.3 (0.8)	80.4 (0.9)	68.6 (3.1)	76.8 (1.9)	83.5 (1.4)	85.5 (1.7)	84.5 (1.5)	
\$75,000 or more	56.1 (0.9)	58.1 (1.1)	50.9 (1.7)	74.2 (0.6)	77.2 (0.7)	65.8 (1.2)	88.9 (0.6)	89.2 (0.6)	78.2 (2.4)	87.1 (1.3)	92.0 (0.9)	92.9 (1.1)	87.9 (1.1)	
Control of school														
Public	25.3 (0.3)	23.0 (0.3)	34.5 (0.7)	43.2 (0.3)	40.9 (0.4)	52.4 (0.7)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	
Private	37.4 (0.8)	35.0 (1.0)	42.5 (1.5)	56.1 (0.7)	56.1 (1.0)	56.1 (1.3)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	
Percent of students using computers at home for school work														
Total	14.8 (0.2)	12.0 (0.2)	25.0 (0.6)	28.6 (0.3)	24.8 (0.3)	42.5 (0.6)	50.7 (0.3)	45.0 (0.3)	9.3 (0.5)	26.6 (0.6)	57.9 (0.5)	64.9 (0.6)	69.4 (0.6)	
Sex														
Male	14.7 (0.3)	11.4 (0.3)	28.2 (0.9)	28.3 (0.4)	24.7 (0.4)	43.3 (0.9)	49.2 (0.4)	44.3 (0.5)	9.6 (0.8)	25.7 (0.8)	57.0 (0.8)	64.5 (0.9)	68.1 (0.8)	
Female	14.8 (0.3)	12.5 (0.4)	22.4 (0.8)	28.9 (0.4)	24.9 (0.4)	41.9 (0.8)	52.1 (0.4)	45.7 (0.5)	8.9 (0.8)	27.6 (0.8)	58.8 (0.8)	65.4 (0.9)	70.4 (0.7)	
Race														
White, non-Hispanic	18.0 (0.3)	15.1 (0.3)	27.4 (0.7)	35.0 (0.3)	31.3 (0.4)	47.0 (0.7)	57.8 (0.4)	52.5 (0.4)	9.5 (0.7)	30.3 (0.7)	68.1 (0.6)	75.8 (0.7)	73.7 (0.6)	
Black, non-Hispanic	5.7 (0.4)	4.3 (0.4)	13.4 (1.6)	12.5 (0.5)	10.4 (0.5)	22.8 (1.6)	34.6 (0.8)	28.8 (0.8)	11.2 (1.6)	20.5 (1.4)	34.9 (1.4)	37.9 (1.8)	56.1 (1.7)	
Hispanic	5.6 (0.7)	3.6 (0.4)	17.8 (2.9)	12.5 (0.6)	9.8 (0.4)	29.2 (2.2)	32.9 (0.8)	28.3 (0.9)	5.4 (1.2)	17.3 (1.4)	36.8 (1.6)	42.6 (2.0)	56.7 (2.1)	
Other	15.8 (1.6)	12.4 (1.6)	24.5 (3.6)	33.6 (1.3)	29.3 (1.4)	45.3 (2.7)	57.5 (1.3)	51.0 (1.6)	13.3 (3.0)	28.9 (2.9)	63.9 (2.5)	74.9 (2.9)	71.9 (2.2)	
Household income														
Less than \$5,000	6.6 (0.6)	2.4 (0.4)	21.1 (2.2)	15.1 (0.9)	8.0 (0.8)	35.5 (2.3)	32.3 (2.5)	17.2 (2.5)	5.0 (3.9)	9.1 (3.5)	21.7 (4.5)	28.4 (6.3)	60.5 (4.4)	
\$5,000 to \$9,999	4.7 (0.4)	1.5 (0.3)	18.8 (1.9)	10.4 (0.6)	4.2 (0.5)	36.5 (2.3)	26.3 (1.9)	16.0 (1.8)	2.8 (2.3)	10.4 (2.8)	23.1 (3.5)	19.1 (4.2)	63.4 (4.6)	
\$10,000 to \$14,999	7.2 (0.5)	3.0 (0.4)	27.1 (2.1)	11.4 (0.6)	6.7 (0.6)	32.4 (2.2)	31.5 (1.7)	23.2 (1.8)	3.3 (2.1)	10.2 (2.4)	29.9 (3.1)	40.0 (4.5)	61.9 (3.9)	
\$15,000 to \$19,999	8.5 (0.7)	5.6 (0.6)	20.5 (2.1)	13.2 (0.8)	8.5 (0.7)	36.0 (2.7)	31.9 (2.0)	23.7 (2.1)	3.0 (2.4)	12.1 (3.0)	31.7 (3.7)	36.5 (5.0)	65.5 (4.7)	
\$20,000 to \$24,999	9.7 (0.6)	6.3 (0.6)	24.5 (2.1)	19.4 (0.8)	15.0 (0.8)	37.1 (2.3)	34.7 (1.7)	27.9 (1.8)	5.3 (2.5)	15.6 (2.9)	37.6 (3.4)	39.7 (4.0)	62.2 (4.0)	
\$25,000 to \$29,999	10.3 (0.7)	7.5 (0.7)	21.4 (2.1)	21.9 (0.9)	18.4 (0.9)	35.7 (2.3)	38.0 (1.9)	31.1 (2.0)	6.0 (2.7)	14.5 (2.8)	43.6 (3.6)	49.2 (4.6)	64.0 (4.0)	

Table 430. Percent of workers, 18 years old and over, using computers on the job, by type of computer application and selected characteristics: 1993, 1997, and 2001

Selected characteristic	Percent using computers at work, 1993	Percent using computers at work, 1997	Percent using computers at work	Number using computers at work, in thousands	2001							
					Percent of on-the-job computer workers using specific computer applications ¹							
					Spread-sheets/databases	Inter-net/e-mail	Cal-endar/sched-ule	Graphics/design	Pro-gram-ming	Word proc-essing/desktop pub-lishing	Other uses	Using 4 or more cat-egories
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	45.8	49.8 (0.2)	54.2 (0.2)	71,782	62.5	72.2	53.2	28.9	15.3	67.2	13.0	43.9
Age												
18 to 24	34.4	37.1 (0.7)	37.8 (0.6)	6,592	53.7	58.2	47.5	21.3	12.7	55.1	13.5	32.2
25 to 29	48.3	52.5 (0.7)	56.3 (0.7)	7,871	65.9	73.7	54.9	28.6	17.2	67.5	12.6	46.3
30 to 39	50.7	53.3 (0.5)	58.4 (0.5)	19,266	66.5	75.0	56.6	31.5	17.4	69.5	12.3	48.2
40 to 49	51.3	54.9 (0.5)	58.6 (0.5)	20,663	63.6	73.5	54.9	30.4	15.9	68.8	12.6	45.7
50 to 59	43.9	50.7 (0.6)	57.4 (0.6)	13,346	61.2	74.0	51.3	29.2	12.5	69.1	13.4	43.2
60 or older	27.2	32.6 (0.9)	42.2 (0.9)	4,045	50.1	65.7	40.2	20.8	12.3	61.0	16.4	31.5
Educational attainment and sex												
Not high school completer	10.0	11.9 (0.5)	16.0 (0.5)	2,243	43.9	45.7	40.9	15.4	10.9	44.8	21.1	21.8
High school completer	34.2	36.4 (0.4)	38.8 (0.4)	16,172	52.7	58.3	45.7	19.3	11.2	54.2	14.5	30.0
Some college	50.4	53.6 (0.5)	55.8 (0.5)	15,012	59.3	67.0	49.8	25.6	13.7	62.1	13.2	38.4
Associate degree	58.2	60.7 (0.8)	62.0 (0.8)	7,482	57.6	66.4	51.0	25.8	15.0	60.9	15.0	37.9
Bachelor's degree	68.8	73.9 (0.5)	80.3 (0.4)	20,102	72.6	84.1	60.1	36.5	18.5	77.3	10.9	56.2
Master's degree	71.2	78.7 (0.8)	85.0 (0.7)	7,423	72.1	86.8	61.0	41.0	19.4	84.8	9.9	60.1
Doctor's or professional degree	66.9	74.6 (1.2)	82.5 (1.0)	3,348	65.8	88.2	58.1	33.2	17.7	81.9	14.4	54.4
Male												
Not high school completer	8.5	9.8 (0.5)	12.9 (0.6)	1,140	43.1	50.2	39.0	16.9	12.4	40.2	19.8	20.9
High school completer	24.2	27.1 (0.5)	29.3 (0.5)	6,545	50.0	57.9	44.8	21.4	15.1	45.4	16.2	29.3
Some college	42.8	46.0 (0.7)	50.0 (0.7)	6,780	59.6	67.6	49.8	27.8	17.5	56.1	14.0	39.2
Associate degree	52.6	55.2 (1.2)	57.5 (1.1)	3,285	60.3	70.7	50.9	29.1	21.8	57.0	13.8	41.1
Bachelor's degree	69.8	74.3 (0.7)	79.7 (0.6)	10,536	76.6	87.2	64.0	39.5	24.7	76.3	10.4	60.7
Master's degree	75.4	79.8 (1.1)	85.0 (0.9)	3,881	78.0	89.8	65.7	42.9	25.3	83.2	9.2	65.6
Doctor's or professional degree	66.5	73.4 (1.4)	81.9 (1.2)	2,279	67.8	89.0	60.5	34.4	19.7	81.5	13.9	55.8
Female												
Not high school completer	12.5	15.4 (0.8)	21.3 (0.9)	1,103	44.8	41.1	43.0	14.0	9.5	49.6	22.3	22.8
High school completer	45.2	46.9 (0.6)	49.7 (0.6)	9,627	54.6	58.5	46.4	17.9	8.5	60.3	13.3	30.4
Some college	58.6	61.5 (0.7)	61.8 (0.7)	8,232	58.9	66.6	49.9	23.9	10.6	67.0	12.6	37.8
Associate degree	63.7	65.4 (1.0)	66.0 (0.9)	4,196	55.5	63.1	51.1	23.2	9.6	64.0	15.9	35.4
Bachelor's degree	67.6	73.5 (0.7)	81.0 (0.6)	9,566	68.2	80.7	55.9	33.2	11.8	78.5	11.4	51.4
Master's degree	66.5	77.5 (1.1)	85.0 (0.9)	3,542	65.5	83.5	55.8	38.8	12.9	86.5	10.6	54.1
Doctor's or professional degree	68.2	77.6 (2.1)	84.0 (1.6)	1,069	61.7	86.3	52.9	30.5	13.5	82.7	15.4	51.5
Race/ethnicity												
White, non-Hispanic	48.7	53.8 (0.3)	59.0 (0.3)	57,160	63.2	73.2	53.2	29.4	14.9	67.8	13.2	44.6
Black, non-Hispanic	36.2	40.0 (0.7)	43.8 (0.7)	6,460	57.1	67.2	54.0	26.4	16.0	62.8	13.0	39.9
Hispanic	29.3	30.2 (0.8)	32.4 (0.8)	4,730	58.1	61.9	49.8	22.9	12.6	64.2	11.7	36.7
Asian, Pacific Islander	—	— (—)	56.8 (—)	3,012	67.2	77.9	56.2	32.8	24.7	68.5	11.4	51.2
American Indian, Alaska Native	—	— (—)	45.5 (—)	419	62.3	76.2	59.5	33.1	22.9	70.0	14.4	47.3
Occupational group												
Managerial and professional specialty	67.7	74.6 (0.4)	79.7 (0.3)	33,357	70.3	82.7	60.8	37.2	18.6	78.3	11.0	56.0
Executive, administrative, and managerial	72.3	77.5 (0.5)	80.4 (0.5)	16,289	77.0	83.5	65.3	34.5	16.6	79.0	9.4	58.7
Professional specialty occupations	68.3	71.7 (0.6)	79.0 (0.5)	17,069	63.9	81.9	56.5	39.9	20.5	77.7	12.5	53.4
Teachers, except college and university	49.1	60.3 (1.2)	72.0 (1.0)	3,957	58.2	78.3	50.0	42.8	11.6	85.0	11.3	49.9
Teachers, college and university	72.5	79.9 (2.2)	88.7 (1.7)	909	72.7	94.1	50.4	46.9	25.6	92.1	17.0	64.8
Technical, sales, and administrative support	65.5	79.1 (0.4)	68.1 (0.4)	25,808	60.0	67.7	48.7	22.5	12.5	62.9	13.0	37.1
Technicians and related support	69.9	75.1 (1.1)	75.0 (1.1)	3,443	59.3	70.4	52.4	29.3	26.9	58.6	14.3	41.9
Sales occupations	48.8	54.8 (0.7)	59.3 (0.7)	9,037	60.6	70.1	49.2	25.8	11.2	60.4	14.2	39.5
Administrative support, including clerical	76.7	77.6 (0.5)	73.8 (0.6)	13,328	59.7	65.3	47.4	18.6	9.6	65.7	11.9	34.2
Service occupations	14.7	16.4 (0.5)	23.8 (0.6)	4,090	44.8	52.5	46.9	17.8	9.1	53.8	17.9	26.2
Precision production, craft, and repair	23.2	25.0 (0.6)	30.0 (0.7)	4,440	51.6	59.9	45.4	23.7	17.5	46.5	17.5	30.8
Operators, fabricators, and laborers	14.9	17.3 (0.5)	19.7 (0.5)	3,423	41.2	43.2	32.6	17.0	9.6	35.5	20.7	18.5
Farming, forestry, and fishing	8.5	9.3 (0.9)	19.5 (1.2)	664	61.0	67.7	43.5	21.6	10.8	60.9	12.3	31.3
Family income²												
Less than \$20,000	25.1	26.7 (0.5)	28.0 (0.7)	3,780	49.0	52.8	40.6	21.2	11.2	51.9	19.4	27.6
\$20,000 to \$29,999	38.4	38.4 (0.6)	37.5 (0.7)	4,914	51.5	59.7	42.0	21.3	11.2	56.1	19.3	30.5
\$30,000 to \$39,999	45.7	45.8 (0.6)	47.3 (0.7)	6,792	56.5	63.1	44.9	23.9	13.0	60.8	15.9	35.3
\$40,000 to \$49,999	51.9	52.3 (0.7)	52.3 (0.8)	6,430	58.8	68.4	50.5	27.3	13.9	62.9	14.3	39.3
\$50,000 to \$74,999	60.6	59.9 (0.5)	60.8 (0.5)	16,081	63.2	71.6	52.5	28.9	15.7	66.1	12.7	43.2
\$75,000 or more	65.9	69.7 (0.5)	73.4 (0.4)	24,874	69.9	81.8	61.1	33.7	17.7	75.4	10.3	53.9
Income not reported ³	—	— (—)	47.0 (0.6)	8,911	59.7	70.9	51.9	28.0	14.7	67.1	11.7	41.7

—Not available.

¹ Individuals may be counted in more than one computer activity.

² Data for 1993 and 1997 excludes persons whose income data were unavailable.

³ Includes survey respondents who did not know income, left the question blank, or refused to provide income information.

NOTE: Data are based on a sample survey of households and are subject to sampling and nonsampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1993, October 1997, and September 2001, unpublished data. (This table was prepared September 2002.)

Appendix A

Guide to Sources

Sources and Comparability of Data

The information presented in this report was obtained from many sources, including federal and state agencies, private research organizations, and professional associations. The data were collected using many research methods, including surveys of a universe (such as all colleges) or of a sample, compilations of administrative records, and statistical projections. *Digest* users should take particular care when comparing data from different sources. Differences in sampling, data collection procedures, coverage of target population, timing, phrasing of questions, scope of nonresponse, interviewer training, and data processing and coding mean that the results from the different sources may not be strictly comparable. Following the general discussion of data accuracy below, descriptions of the information sources and data collection methods are presented, grouped by sponsoring organization. More extensive documentation of a particular survey's procedures does not imply more problems with the data, only that more information is available.

Accuracy of Data

The accuracy of any statistic is determined by the joint effects of "sampling" and "nonsampling" errors. Estimates based on a sample will differ somewhat from the figures that would have been obtained if a complete census had been taken using the same survey instruments, instructions, and procedures. In addition to such sampling errors, all surveys, both universe and sample, are subject to design, reporting, and processing errors and errors due to nonresponse. To the extent possible, these nonsampling errors are kept to a minimum by methods built into the survey procedures. In general, however, the effects of nonsampling errors are more difficult to gauge than those produced by sampling variability.

Sampling Errors

The samples used in surveys are selected from large numbers of possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different sam-

ples would differ from each other. The difference between a sample estimate and the average of all possible samples is called the sampling deviation. The standard or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples and, thus, is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples.

The sample estimate and an estimate of its standard error permit us to construct interval estimates with prescribed confidence that the interval includes the average result of all possible samples. If all possible samples were selected under essentially the same conditions and an estimate and its estimated standard error were calculated from each sample, then: (1) approximately 66.7 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples; and (2) approximately 95.0 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average value of all possible samples. We call an interval from two standard errors below the estimate to two standard errors above the estimate a 95 percent confidence interval.

To illustrate this concept, consider the data and standard errors appearing in table 107. For the 2001 estimate that 10.7 percent of 16- to 24-year-olds were high school dropouts, the table shows that the standard error is 0.3 percent. The sampling error above and below the stated figure is approximately double the standard error, or about 0.6 percentage points. Therefore, we can create a 95 percent confidence interval, which is approximately 10.1 to 11.3 (10.9 percent \pm 2 times 0.3 percent).

Analysis of standard errors can help assess how valid a comparison between two estimates might be. The **standard error of a difference** between two independent sample estimates is equal to the square root of the sum of the squared standard errors of the estimates. The standard error (se) of the difference

between independent sample estimates “a” and “b” is:

$$se_{a,b} = (se_a^2 + se_b^2)^{1/2}$$

It should be noted that most of the standard error estimates presented in subsequent sections and in the original documents are approximations. That is, to derive estimates of standard errors that would be applicable to a wide variety of items and could be prepared at a moderate cost, a number of approximations were required. As a result, the standard error estimates provide a general order of magnitude rather than the exact standard error for any specific item. The preceding discussion on sampling variability was directed toward a situation concerning one or two estimates. Determining the accuracy of statistical projections is more difficult. In general, the further away the projection date is from the date of the actual data being used for the projection, the greater the probable error in the projections. If, for instance, annual data from 1970 to 2000 are being used to project enrollment in institutions of higher education, the further beyond 2000 one projects, the more variability in the projection. One will be less sure of the 2012 enrollment projection than of the 2005 projection. A detailed discussion of the projections methodology is contained in *Projections of Education Statistics to 2013* (National Center for Education Statistics, NCES 2004–014).

Nonsampling Errors

Universe and sample surveys are subject to nonsampling errors. Nonsampling errors may arise when respondents or interviewers interpret questions differently, when respondents must estimate values, or when coders, keyers, and other processors handle answers differently, when persons who should be included in the universe are not, or when persons fail to respond (completely or partially). Nonsampling errors usually, but not always, result in an underestimate of total survey error and thus an overestimate of the precision of survey estimates. Since estimating the magnitude of nonsampling errors often would require special experiments or access to independent data, these nonsampling errors are seldom available.

To compensate for nonresponse, adjustments of the sample estimates are often made. An adjustment made for either type of nonresponse, total or partial, is often referred to as an imputation, which is often a substitution of the “average” questionnaire response for the nonresponse. For universe surveys, imputations are usually made separately within various groups of sample members which have similar survey characteristics. Imputation for item nonresponse is usually made by substituting for a miss-

ing item, the response to that item of a respondent having characteristics that are similar to those of the nonrespondent. In sample surveys, adjustments to case weights are generally made for nonresponse cases, and imputations are made for item response. For more information, see *NCES Statistical Standards*.

Although the magnitude of nonsampling error in the data compiled in this *Digest* is frequently unknown, idiosyncrasies that have been identified are noted on the appropriate tables.

Department of Education

National Center for Education Statistics (NCES)

Baccalaureate and Beyond Longitudinal Study

The Baccalaureate and Beyond Longitudinal Study (B&B) is based on the National Postsecondary Student Aid Study (NPSAS) and provides information concerning education and work experience after completing the bachelor’s degree. B&B provides cross-sectional information 1 year after bachelor’s degree completion (comparable to the Recent College Graduates study), while at the same time providing longitudinal data concerning entry into and progress through graduate level education and the workforce. It also provides information on entry into, persistence and progress through, and completion of graduate level education. This information is difficult to gather through follow-ups involving high school cohorts or even college entry cohorts, both of which are restricted in the number who actually complete a bachelor’s degree and continue their education.

B&B will follow NPSAS baccalaureate degree completers for a 12-year period after completion, beginning with NPSAS:93. About 11,000 students who completed their degrees in the 1992–93 academic year were included in the first B&B (B&B:93/94). In addition to the student data, B&B collected postsecondary transcripts covering the undergraduate period, providing complete information on progress and persistence at both the undergraduate and graduate levels. The second B&B follow-up took place in spring 1997 (B&B:93/97), and gathered information on employment history, family formation, and enrollment in graduate programs. The most recent B&B cohort was associated with the NPSAS:2000 and included 11,700 students who completed their degrees in the 1999–2000 academic year. The first, and only planned follow-up survey of this cohort was conducted in 2001 and focused on time to degree completion, participation in post-baccalaureate education and employment, and the activities of newly qualified

teachers. New B&B cohorts will alternate with BPS in using NPSAS as their base.

Further information on B&B may be obtained from:

Paula R. Knepper
Postsecondary Studies Division
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Paula.Knepper@ed.gov
<http://nces.ed.gov/surveys/b&b/>

Beginning Postsecondary Students Longitudinal Study

The Beginning Postsecondary Students Longitudinal Study (BPS) provides information on persistence, progress, and attainment from initial time of entry into postsecondary education through leaving and entering the workforce. BPS includes traditional and nontraditional (e.g., older) students and is representative of all beginning students in postsecondary education. BPS follows first-time, beginning students for at least 5 years at approximately 2-year intervals, collecting student data, and financial aid reports. By starting with a cohort that has already entered postsecondary education, and following it for 5 years, BPS can determine to what extent, students who start postsecondary education at various ages differ in their progress, persistence, and attainment. The first BPS study was conducted in 1989–90, with follow up surveys in 1992 and 1994. The second BPS cohort of students began with a survey in 1995–96, with follow-ups in 1998 and 2001.

Further information on BPS may be obtained from:

Aurora M. D'Amico
Postsecondary Coop System, Analysis, and
Dissemination (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Aurora.D'Amico@ed.gov
<http://nces.ed.gov/surveys/bps/>

Common Core of Data

NCES uses the Common Core of Data (CCD) survey to acquire and maintain statistical data from each of the 50 states, the District of Columbia, the Bureau of Indian Affairs, Department of Defense Dependents' Schools (overseas and domestic) and the outlying areas. Information about staff and students is collected annually at the school, local education agency or school district (LEA), and state levels. Information about revenues and expenditures is also collected at the state and LEA levels.

Data are collected for a particular school year via survey instruments sent to the state education agencies during the school year. Since the CCD is a uni-

verse survey, the CCD information presented in this edition of the *Digest* is not subject to sampling errors. However, nonsampling errors could come from two sources: non-return and inaccurate reporting. Almost all of the states submit the six CCD survey instruments each year, but submissions are sometimes incomplete or too late for publication.

Understandably, when 58 education agencies compile and submit data for approximately 95,000 public schools and 17,000 local school districts, misreporting can occur. Typically, this results from varying interpretations of NCES definitions and differing record keeping systems. NCES attempts to minimize these errors by working closely with the state education agencies through the National Forum on Education Statistics.

The state education agencies report data to NCES from data collected and edited in their regular reporting cycles. NCES encourages the agencies to incorporate into their own survey systems the NCES items they do not already collect so that those items will also be available for the subsequent CCD survey. Over time, this has meant fewer missing data cells in each state's response, reducing the need to impute data.

NCES subjects data from the education agencies to a comprehensive edit. Where data are determined to be inconsistent, missing, or out of range, NCES contacts the education agencies for verification. NCES-prepared state summary forms are returned to the state education agencies for verification. Each year, states are also given an opportunity to revise their state-level aggregates from the previous survey cycle.

Further information on CCD may be obtained from:

John Sietsema
Elementary/Secondary Cooperative System and
Institutional Studies Division (ESCSISD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
John.Sietsema@ed.gov
<http://nces.ed.gov/ccd/>

Condition of America's Public School Facilities: 1999

This report provides national data about the condition of public schools in 1999 based on a survey conducted by NCES using its Fast Response Survey System (FRSS). The FRSS was established in 1985 to collect issue-oriented data quickly with minimum response burden. It was designed to meet the need of the U.S. Department of Education's analysts, planners, and decision makers when information could not be collected quickly through traditional NCES surveys. Specifically, this report provides information

about the condition of school facilities and the costs to bring them into good condition; school plans for repairs, renovations, and replacements; the age of public schools; and overcrowding and practices used to address overcrowding. The results presented in this report are based on questionnaire data for 903 public elementary and secondary schools in the United States. The responses were weighted to produce national estimates that represent all regular public schools in the United States.

Further information on FRSS may be obtained from:

Bernie Greene
Data Development Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Bernard.Greene@ed.gov
<http://nces.ed.gov/surveys/frss/>

***Early Childhood Longitudinal Study,
Kindergarten Class of 1998–99***

The Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS–K) was designed to provide detailed information on children’s early school experiences. The study began in the fall 1998. A nationally representative sample of 22,782 children enrolled in 1,277 kindergarten programs during the 1998–99 school year was selected to participate in the ECLS–K. The children attended both public and private kindergartens, and full-day and part-day programs. The sample included children from different racial/ethnic and socioeconomic backgrounds, and oversamples of Asian and Pacific Island children, and private kindergartners. Base-year data were collected in the fall and spring of the kindergarten year. Data were collected again in fall first grade (30 percent subsample) and spring first grade, and then in spring of the third grade in 2002 and spring of the fifth grade in 2004.

The ECLS–K includes a direct child cognitive assessment that was administered one-on-one with each child in the study. The assessment used a computer-assisted personal interview (CAPI) approach and a two-stage adaptive testing methodology. The direct assessment includes three cognitive domains: reading, mathematics and general knowledge at kindergarten and first grade. General knowledge was replaced by science at third grade and fifth grade. Children’s height and weight were measured at each data collection point and a direct measure of children’s psychomotor development was administered in the fall of the kindergarten year only. In addition to these measures, the ECLS–K collected information about children’s social skills and academic achievement through teacher reports.

A computer-assisted telephone interview with the children’s parents/guardians was conducted at each data collection point. Parents/guardians were asked to provide key information about their children on subjects, such as family demographics (e.g., family members, age, relation to child, race/ethnicity), family structure (e.g., household members and composition), parent involvement, home educational activities (e.g., reading to the child), child health, parental education and employment status, and child’s social skills and behaviors.

Data on the schools that children attend and their classrooms were collected by self-administered questionnaires completed by school administrators and classroom teachers. Administrators provided information about the school population, programs, and policies. At the classroom level, data were collected on the composition of the classroom, teaching practices, curriculum, and teacher qualifications and experience. A representative sample of teachers in the sample students’ grade in the ECLS–K sampled schools are asked to complete the teacher questionnaires, not just those who teach ECLS–K children.

Further information on the ECLS–K may be obtained from:

Jerry West
Early Childhood and Household Studies Program
(ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
ecls@ed.gov
<http://nces.ed.gov/ecls>

Federal Support for Education

NCES prepares an annual compilation of federal funds for education. Data for U.S. Department of Education programs come from the *Budget of the United States Government*. Budget offices of other federal agencies provide information for all other federal program support except for research funds, which are obligations reported by the National Science Foundation in *Federal Funds for Research and Development*. Some data are estimated, based on reports from the federal agencies contacted and the *Budget of the United States Government*.

Except for money spent on research, outlays were used to report program funds to the extent possible. Some tables report program funds as obligations, as noted in the title of the table. Some federal program funds not commonly recognized as education assistance are also included in the totals reported. For example, portions of federal funds paid to some states and counties as shared revenues resulting from the sale of timber and minerals from public lands have been estimated as funds used for education pur-

poses. Parts of the funds received by states (in 1980) and localities (all years) under the General Revenue Sharing Program are also included, as are portions of federal funds received by the District of Columbia. The share of these funds allocated to education was assumed to be equal to the share of general funds expended for elementary and secondary education by states and localities in the same year as reported by the U.S. Bureau of the Census in its annual publication, *Governmental Finances*.

All state intergovernmental expenditures for education were assumed to be earmarked for elementary/secondary education. Contributions of parent governments of dependent school systems to their public schools amounted to approximately 9 percent of local government revenues and local government revenue sharing in each year. Therefore, 9 percent of local government revenue-sharing funds were assumed allocated each fiscal year to elementary and secondary education. Parent government contributions to public school systems were obtained from *Finances of Public School Systems* published by the U.S. Bureau of the Census. The amount of state revenue-sharing funds allocated for postsecondary education in 1980 was assumed to be 13 percent, the proportion of direct state expenditures for institutions of higher education reported in *Governmental Finances* for that year.

The share of federal funds for the District of Columbia assigned to education was assumed to be equal to the share of the city's general fund expenditures for each level of education.

For the job training programs conducted by the Department of Labor, only estimated sums spent on classroom training have been reported as educational program support.

During the 1970s, the Office of Management and Budget (OMB) prepared annual reports on federal education program support. These were published in the *Budget of the United States Government [Special Analyses]*. The information presented in this report is not, however, a continuation of the OMB series. A number of differences in the two series should be noted. OMB required all federal agencies to report outlays for education-related programs using a standardized form, thereby assuring agency compliance in reporting. The scope of education programs reported here differs from OMB. Off-budget items such as the annual volume of guaranteed student loans were not included in OMB's reports. Finally, while some mention is made of an annual estimate of federal tax expenditures, OMB did not include them in its annual analysis of federal education support. Estimated federal tax expenditures for education are the difference between current federal tax receipts and what these receipts would be without existing education deductions to income allowed by federal tax provisions.

Recipients' data are estimated based on *Estimating Federal Funds for Education: A New Approach Applied to Fiscal Year 1980 Federal Support for Education, Fiscal Years 1980 to 1984, and Catalog of Federal Domestic Assistance*. The recipients' data are estimated and tend to undercount institutions of higher education (IHEs), students, and local education agencies (LEAs). This is because some of the federal programs have more than one recipient receiving funds. In these cases, the recipients were put into a "mixed recipients" category, because there was no way to disaggregate the amount each recipient received.

Further information on federal support for education may be obtained from:

William Sonnenberg
Annual Reports Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
William.Sonnenberg@ed.gov

High School and Beyond

High School and Beyond (HS&B) is a national longitudinal survey of 1980 high school sophomores and seniors. The base-year survey was a probability sample of 1,015 high schools with a target number of 36 sophomores and 36 seniors in each of the schools. A total of 58,270 students participated in the base-year survey. Substitutions were made for non-participating schools—but not for students—in those strata where it was possible. Overall, 1,122 schools were selected in the original sample and 811 of these schools participated in the survey. An additional 204 schools were drawn in a replacement sample. Student refusals and absences resulted in an 82 percent completion rate for the survey.

Several small groups in the population were over-sampled to allow for special study of certain types of schools and students. Students completed questionnaires and took a battery of cognitive tests. In addition, a sample of parents of sophomores and seniors (about 3,600 for each cohort) was surveyed.

HS&B first follow-up activities took place in the spring of 1982. The sample design of the first follow-up survey included approximately 30,000 persons who were sophomores in 1980. The completion rate for sophomores eligible for on-campus survey administration was about 96 percent. About 89 percent of the students who left school between the base year and first follow-up surveys (e.g., dropouts, transfer students, and early graduates) completed the first follow-up sophomore questionnaire.

As part of the first follow-up survey of HS&B, transcripts were requested in fall 1982 for an 18,152 member subsample of the sophomore cohort. Of the

15,941 transcripts actually obtained, 1,969 were excluded because the students had dropped out of school before graduation, 799 were excluded because they were incomplete, and 1,057 were excluded because the student graduated before 1982 or the transcript indicated neither a dropout status nor graduation. Thus, 12,116 transcripts were utilized for the overall curriculum analysis presented in this publication. All courses in each transcript were assigned a 6-digit code based on *A Classification of Secondary School Courses* (developed by Evaluation Technologies, Inc., under contract with NCES). Credits earned in each course were expressed in Carnegie units. (The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. To receive credit for a course, the student must have received a passing grade—"pass," "D," or higher.) Students who transferred from public to private schools or from private to public schools between their sophomore and senior years were eliminated from public/private analyses.

In designing the senior cohort first follow-up survey, one of the goals was to reduce the size of the retained sample, while still keeping sufficient numbers of minorities to allow important policy analyses. A total of 11,227 (94 percent) of the 11,995 persons subsampled completed the questionnaire. Information was obtained about the respondents' school and employment experiences, family status, and attitudes and plans.

The sample for the second follow-up, which took place in the spring 1984, consisted of about 12,000 members of the senior cohort and about 15,000 members of the sophomore cohort. The completion rate for the senior cohort was 91 percent, and the completion rate for the sophomore cohort was 92 percent.

HS&B third follow-up data collection activities were performed in spring of 1986. Both the sophomore and senior cohort samples for this round of data collection were the same as those used for the second follow-up survey. The completion rates for the sophomore and senior cohort samples were 91 percent and 88 percent, respectively.

HS&B fourth follow-up data collection activities were performed in 1992 but only surveyed the 1980 sophomore class. It examined aspects of these students' early adult years such as enrollment in post-secondary education, experience in the labor market, marriage and childrearing, and voting Behavior.

Appendix table A-1 contains the maximum number of HS&B cases that are available for the tabulations of the specific classification variables used throughout this publication.

The standard error (se) of an individual percentage (p) based on HS&B data can be approximated by the formula:

$$se_p = DEFT [p(100-p)/n]^{1/2}$$

where n is the sample size and DEFT, the square root of the design effect, is a factor used to adjust for the particular sample design used in HS&B. Appendix table A-2 provides the DEFT factors for different HS&B samples and subsamples.

In evaluating a difference between two independent percentages, the standard error of the difference may be conservatively approximated by taking the square root of the sum of the squared standard errors of the two percentages. For example, in the 1986 follow-up of 1980 sophomores, 84.0 percent of the men and 77.2 percent of the women felt that being successful in work was "very important," a difference of 6.8 percentage points. Using the formula and the sample sizes from table A-1 and the DEFT factors from table A-2, the standard errors of the two percentages being compared are calculated to be:

$$1.43[(84.0)(16.0)/(5,391)]^{1/2} = .714$$

$$1.43[(77.2)(22.8)/(5,857)]^{1/2} = .784$$

The standard error of the difference is therefore:

$$(.714^2 + .784^2)^{1/2} = (.510 + .615)^{1/2} = 1.06$$

The sampling error (95 chances in 100) of the difference is approximately double the standard error, or approximately 2.1 percentage points, and the 95 percent confidence interval for the difference is 6.8 ± 2.1 , or 4.7 to 8.9 percentage points.

The standard error estimation procedure outlined above does not compensate for survey item non-response, which is a source of nonsampling error. (table A-1 reflects the maximum number of responses that could be tabulated by demographic characteristics.) For example, of the 10,925 respondents in the 1984 follow-up survey of 1980 high school graduates, 372, or 3.4 percent, did not respond to the particular question on whether they had ever used a pocket calculator. Item nonresponse varied considerably. A very low nonresponse rate of 0.1 percent was obtained for a question asking whether the respondent had attended a postsecondary institution. A much higher item nonresponse rate of 12.2 percent was obtained for a question asking if the respondent had used a micro or minicomputer in high school. Typical item nonresponse rates ranged from 3 to 4 percent.

The Hispanic analyses presented in this report relied on students' self-identification as members of one of four Hispanic subgroups: Mexican, Mexican-American, Chicano; Cuban; Puerto-Rican, Puertorriqueno, or Boricua; or other Latin American, Latino, Hispanic, or Spanish descent.

An NCES series of technical reports and data file users manuals, available electronically, provides additional information on the survey methodology.

Further information on the HS&B survey may be obtained from:

Aurora M. D'Amico
Postsecondary Coop System, Analysis, and
Dissemination (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Aurora.D'Amico@ed.gov
<http://nces.ed.gov/surveys/hsb/>

High School Transcript Study Tabulations

The most recent high school transcript study was in 2000 and was based on a survey conducted as part of the National Assessment of Educational Progress (NAEP). The 2000 study involved analysis of transcripts of approximately 25,000 high school graduates from 264 schools. The study collected information such as course lists, graduation requirements, and the definition of units of credit and grades, on a school-level basis.

Similar studies were conducted of coursetaking patterns of 1982, 1987, 1990, 1992, 1994, and 1998. The 1987 data are based on approximately 22,799 transcripts from 433 schools obtained as part of the 1987 NAEP High School Transcript Study, a scope comparable to data collected through the NAEP High School Transcript Study surveys conducted in 1990, 1994, and 1998. The 1982 data are based on approximately 12,000 transcripts collected by the High School and Beyond (HS&B) survey. The 1992 data are based on approximately 7,600 transcripts collected by the National Education Longitudinal Study of 1988 (NELS:88/92).

Because the 1982 HS&B survey used a different method for identifying handicapped students than the 1987 and 1990 transcript studies, and in order to make the statistical summaries as comparable as possible, all the counts and percentages in this report are restricted to students whose records indicate that they had not participated in a special education program. This restriction lowers the number of 1990 graduates represented in the tables to 20,866.

Further information on high school transcript studies may be obtained from:

Jeffrey Owings
Elementary/Secondary and Library Studies Division
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Jeffrey.Owings@ed.gov
<http://nces.ed.gov/surveys/hst/>

Integrated Postsecondary Education Data System

The Integrated Postsecondary Education Data System (IPEDS) surveys approximately 10,000 postsecondary institutions, including universities and colleges, as well as institutions offering technical and vocational education beyond the high school level. This survey, which began in 1986, replaced the Higher Education General Information Survey (HEGIS).

IPEDS consists of eight integrated components that obtain information on who provides postsecondary education (institutions), who participates in it and completes it (students), what programs are offered and what programs are completed, and both the human and financial resources involved in the provision of institutionally based postsecondary education. Specifically, these components include: Institutional Characteristics, including instructional activity; Fall Enrollment, including age and residence; Enrollment in Occupationally Specific Programs; Completions; Finance; Staff; Salaries of Full-time Instructional Faculty; and Academic Libraries.

The degree-granting institutions portion of this survey is a census of colleges awarding associate or higher degrees that were eligible to participate in Title IV financial aid programs. Prior to 1993, data from the technical and vocational institutions were collected through a sample survey. Beginning in 1993, all data are gathered in a census of all postsecondary institutions. The tabulations on "Institutional Characteristics" developed for this edition of the *Digest* are based on lists of all institutions and are not subject to sampling errors.

The definition of institutions generally thought of as offering college and university education has been changed in recent years. The old standard for higher education institutions included those institutions that had courses that led to an associate degree or higher, or were accepted for credit towards those degrees. Higher education institutions were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. Tables that use only this standard are titled "higher education" in the

Digest. The current category includes institutions which award associate or higher-level degrees that are eligible to participate in Title IV federal financial aid programs. Tables that contain any data according to this standard are titled as “degree-granting” institutions. Time-series tables may contain data from both series, and they are labeled accordingly. The impact of this change has generally not been large. For example, tables on faculty salaries and benefits were only affected to a very small extent. Also, degrees awarded at the bachelor’s level or higher were not heavily affected. The largest impact has been on private 2-year college enrollment. In contrast, most of the data on public 4-year colleges has been affected only to a minimal extent. The impact on enrollment in public 2-year colleges was noticeable in certain states, but relatively small at the national level. Overall, enrollment for all institutions was about one-half a percent higher for degree-granting institutions compared to the total for higher education institutions.

Prior to the establishment of IPEDS in 1986, HEGIS acquired and maintained statistical data on the characteristics and operations of institutions of higher education. Implemented in 1966, HEGIS was an annual universe survey of institutions accredited at the college level by an agency recognized by the Secretary of the U.S. Department of Education. These institutions were listed in NCES’s *Education Directory, Colleges and Universities*.

HEGIS surveys solicited information concerning institutional characteristics, faculty salaries, finances, enrollment, and degrees. Since these surveys, like IPEDS, were distributed to all higher education institutions, the data presented are not subject to sampling error. However, they are subject to nonsampling error, the sources of which varied with the survey instrument. Information concerning the nonsampling error of the enrollment and degrees surveys draws extensively on the *HEGIS Post-Survey Validation Study* conducted in 1979.

Further information on IPEDS may be obtained from:

Susan Broyles
Postsecondary Institutional Studies Program (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Susan.Broyles@ed.gov
<http://nces.ed.gov/ipeds/>

Institutional Characteristics

This survey provides the basis for the universe of institutions presented in the *Directory of Postsecondary Institutions*. The survey collects basic information necessary to classify the institutions including control, level, and kinds of programs; and information

on tuition, fees, and room and board charges. Beginning in 2000, the survey collected institutional pricing data from institutions with first-time, full-time, degree/certificate-seeking undergraduate students. Unduplicated full-year enrollment counts and instructional activity are now collected on the Fall Enrollment survey. The overall response rate was 99.2 percent for Title IV degree-granting institutions in 2002.

Further information on the IPEDS Institutional Characteristics survey may be obtained from:

Patricia Brown
Postsecondary Institutional Studies Program (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Patricia.Brown@ed.gov
<http://nces.ed.gov/ipeds/>

Fall Enrollment

This survey has been part of the HEGIS and IPEDS series since 1966. The enrollment survey response rate is relatively high. The 2001 overall response rate was 97.9 percent for degree-granting institutions. Beginning in 2000, the data collection method was web-based, replacing the paper survey forms that had been used in past years. Imputation methods and response bias analysis for the 2001–02 survey are discussed in *Enrollment in Postsecondary Institutions, Fall 2001 and Financial Statistics, Fiscal Year 2001* (NCES 2004–155). Major sources of non-sampling error for this survey as identified in the 1979 report were classification problems, the unavailability of needed data, interpretation of definitions, the survey due date, and operational errors. Of these, the classification of students appears to have been the main source of error. Institutions had problems in correctly classifying first-time freshmen and other first-time students for both full-time and part-time categories. These problems occurred most often at 2-year institutions (private and public) and private 4-year institutions. In the 1977–78 HEGIS validation studies, the classification problem led to an estimated overcount of 11,000 full-time students and an undercount of 19,000 part-time students. Although the ratio of error to the grand total was quite small (less than 1 percent), the percentage of errors was as high as 5 percent for detailed student levels and even higher at certain aggregation levels.

Beginning with fall 1986, the survey system was redesigned with the introduction of IPEDS (see above). The survey allows (in alternating years) for the collection of age and residence data. In 2000, the Enrollment survey collected the instructional activity and unduplicated headcount data, which are needed to compute a standardized, full-time equivalent (FTE)

enrollment statistic for the entire academic year. Starting in 2001, unduplicated headcounts by level of student, and by race/ethnicity and gender of student were also requested, as well as the total number of students in the entering class.

Further information on the IPEDS Fall Enrollment survey may be obtained from:

Cathy Statham
 Postsecondary Institutional Studies Program (PSD)
 National Center for Education Statistics
 1990 K Street NW
 Washington, DC 20006
Cathy.Statham@ed.gov
<http://nces.ed.gov/ipeds/>

Salaries, Tenure, and Fringe Benefits of Full-time Instructional Faculty

This institutional survey has been conducted for most years from 1966–67 to 1987–88, and annually since 1989–90. Although the survey form changed a number of times during those years, only comparable data are presented in this report.

Between 1966–67 and 1985–86 this survey differed from other HEGIS surveys in that imputations were not made for nonrespondents. Thus, there is some possibility that the salary averages presented in this report may differ from the results of a complete enumeration of all colleges and universities. Beginning with the surveys for 1987–88, the IPEDS data tabulation procedures included imputations for survey nonrespondents. The response rate for the 2001–02 survey was 93.9 percent for degree-granting institutions. Because of the higher response rate for public colleges (99.2 for public 4-year and 98.9 for public 2-year, compared to 96.3 for not-for-profit 4-year and 87.4 for not-for-profit 2-year), it is probable that the public colleges' salary data are more accurate than the data for private colleges. Imputation methods and response bias analysis for the 2001–02 survey are discussed in *Staff in Postsecondary Institutions, Fall 2001, and Salaries of Full-Time Instructional Faculty, 2001–02* (NCES 2004–159). Although data from these surveys are not subject to sampling error, sources of nonsampling error may include computational errors and misclassification in reporting and processing. NCES reviews individual colleges' data for internal and longitudinal consistency and contacts the colleges to check inconsistent data.

Further information on the IPEDS Salaries, Tenure, and Fringe Benefits survey may be obtained from:

Sabrina Ratchford
 Postsecondary Institutional Studies Program (PSD)
 National Center for Education Statistics
 1990 K Street NW
 Washington, DC 20006
Sabrina.Ratchford@ed.gov
<http://nces.ed.gov/ipeds/>

Completions

This survey was part of the HEGIS series throughout its existence. However, the degree classification taxonomy was revised in 1970–71, 1982–83, and 1991–92. Collection of degree data has been maintained through the IPEDS system.

Though information from survey years 1970–71 through 1981–82 is directly comparable, care must be taken if information before or after that period is included in any comparison. Degrees-conferred trend tables arranged by the 1991–92 classification are included in the *Digest* to provide consistent data from 1970–71 to the most recent year. Data in this edition on associate and other formal awards below the baccalaureate, by field of study, cannot be made comparable with figures prior to 1982–83. The non-response rate did not appear to be a significant source of nonsampling error for this survey. The return rate over the years has been high, with the degree-granting institutions response rate for the 2001–02 survey at 98.9 percent. The overall response rate for the nondegree granting institutions was 93.2 percent in 2001–02. Because of the high return rate for the degree-granting institutions, nonsampling error caused by imputation is also minimal. Imputation methods and response bias analysis for the 2001–02 survey are discussed in *Postsecondary Institutions in the United States: Fall 2002 and Degrees and Other Awards Conferred: 2001–02* (NCES 2004–154).

The major sources of nonsampling error for this survey were differences between the NCES program taxonomy and taxonomies used by the colleges, classification of double majors, operational problems, and survey timing. In the 1979 HEGIS validation study, these sources of nonsampling contributed to an error rate of 0.3 percent overreporting of bachelor's degrees and 1.3 percent overreporting of master's degrees. The differences, however, varied greatly among fields. Over 50 percent of the fields selected for the validation study had no errors identified. Categories of fields that had large differences were business and management, education, engi-

neering, letters, and psychology. It was also shown that differences in proportion to the published figures were less than 1 percent for most of the selected fields that had some errors. Exceptions to these were: master's and Ph.D. programs in labor and industrial relations (20 percent and 8 percent); bachelor's and master's programs in art education (3 percent and 4 percent); bachelor's and Ph.D. programs in business and commerce, and in distributive education (5 percent and 9 percent); master's programs in philosophy (8 percent); and Ph.D. programs in psychology (11 percent).

Further information on IPEDS Completions surveys may be obtained from:

Andrew Mary
Postsecondary Institutional Studies Program (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Andrew.Mary@ed.gov
<http://nces.ed.gov/ipeds/>

Financial Statistics

This survey was part of the HEGIS series and has been continued under the IPEDS system. Changes were made in the financial survey instruments in fiscal years (FY) 1976, 1982, and 1987. The FY 76 survey instrument contained numerous revisions to earlier survey forms and made direct comparisons of line items very difficult. Beginning in FY 82, Pell Grant data were collected in the categories of federal restricted grants and contracts revenues and restricted scholarships and fellowships expenditures. The introduction of IPEDS in the FY 87 survey included several important changes to the survey instrument and data processing procedures. While these changes were significant, considerable effort has been made to present only comparable information on trends in this report and to note inconsistencies. Finance tables for this publication have been adjusted by subtracting the largely duplicative Pell Grant amounts from the later data to maintain comparability with pre-FY 82 data.

Possible sources of nonsampling error in the financial statistics include nonresponse, imputation, and misclassification. The response rate has been about 85 to 90 percent for most of the years. The response rate for the FY 2001 survey was 95.3 percent for degree-granting institutions. Because of the higher response rate for public colleges (99.2 for public 4-year and 96.7 for public 2-year, compared to 95.4 for not-for-profit 4-year and 86.5 for not-for-profit 2-year), it is probable that the public colleges' data are more accurate than the data for private colleges. Imputation methods and response bias analysis for the 2001–02 survey are discussed in *Enrollment in Post-*

secondary Institutions, Fall 2001 and Financial Statistics, Fiscal Year 2001 (NCES 2004–155).

Two general methods of imputation were used in HEGIS. If the prior year's data were available for a nonresponding institution, these data were inflated using the Higher Education Price Index and adjusted according to changes in enrollments. If no previous year's data were available, current data were used from peer institutions selected for location (state or region), control, level, and enrollment size of institution. In most cases estimates for nonreporting institutions in IPEDS were made using data from peer institutions.

Beginning with FY 87, the IPEDS survey system included all postsecondary institutions, but maintained comparability with earlier surveys by allowing 2- and 4-year institutions to be tabulated separately. For FY 87 through FY 91, in order to maintain comparability with the historical time series of HEGIS institutions, data were combined from two of the three different survey forms that make up the IPEDS survey system. The vast majority of the data were tabulated from form 1, which was used to collect information from public and private not-for-profit 2- and 4-year colleges. Form 2, a condensed form, was used to gather data for the 2-year for-profit institutions. Because of the differences in the data requested on the two forms, several assumptions were made about the form 2 reports so that their figures could be included in the degree-granting institutions totals.

In IPEDS, the form 2 institutions were not asked to separate appropriations from grants and contracts, nor state from local sources of funding. For the form 2 institutions, all the federal revenues were assumed to be federal grants and contracts, and all of the state and local revenues were assumed to be restricted state grants and contracts. All other form 2 sources of revenue, except for tuition and fees and sales and services of educational activities, were included under "other." Similar adjustments were made to the expenditure accounts. The form 2 institutions reported instruction and scholarship and fellowship expenditures only. All other educational and general expenditures were allocated to academic support.

To reduce reporting error, NCES uses national standards for reporting finance statistics. These standards are contained in *College and University Business Administration: Administrative Services (1974 Edition)*, and the *Financial Accounting and Reporting Manual for Higher Education (1990 Education)*, published by the National Association of College and University Business Officers; *Audits of Colleges and Universities* (as amended August 31, 1974), by the American Institute of Certified Public Accountants; and *HEGIS Financial Reporting Guide (1980)*, by NCES. Wherever possible, definitions and

formats in the survey form are consistent with those in these four accounting texts.

Further information on IPEDS Financial Statistics surveys may be obtained from:

Cathy Statham
 Postsecondary Institutional Studies Program (PSD)
 National Center for Education Statistics
 1990 K Street NW
 Washington, DC 20006
Cathy.Statham@ed.gov
<http://nces.ed.gov/ipeds/>

Staff

The fall staff data presented in this publication were collected by NCES, through the IPEDS system, which collected data from postsecondary institutions, including all 2- and 4-year degree-granting education institutions. NCES collects staff data biennially in odd numbered years from institutions of postsecondary education.

The “Fall Staff” questionnaires were mailed out by NCES in August; the respondents reported the employment statistics in their institution that cover the payroll period in the fall of the survey year. The “Fall Staff, 1999” survey had an overall response rate of 94.8 percent for degree-granting institutions. Imputations for 1999 differed from earlier methods. For all institutions that did not respond to the survey, data from the 1997 survey were used as estimates for fall 1999. The Staff component of the winter 2001–02 survey had a response rate of 98.6 for degree-granting institutions, and 93.0 for the non-degree-granting institutions. Imputation methods and response bias analysis are discussed in *Staff in Postsecondary Institutions, Fall 2001, and Salaries of Full-Time Instructional Faculty, 2001–02* (NCES 2004–159).

Further information on IPEDS Fall Staff surveys may be obtained from:

Sabrina Ratchford
 Postsecondary Institutional Studies Program (PSD)
 National Center for Education Statistics
 1990 K Street NW
 Washington, DC 20006
Sabrina.Ratchford@ed.gov
<http://nces.ed.gov/ipeds/>

Internet Access in Public Schools and Classrooms

The Internet Access in Public Schools and Classrooms study is part of the National Center for Education Statistics Fast Response Survey System (FRSS).

The Internet survey was designed to assess the federal government’s commitment to assist every school and classroom in connecting to the Internet by the year 2000. In 1994, NCES began surveying

approximately 1,000 public schools each year about their access to the Internet, access in classrooms, and since 1996, their type of Internet connections. In 2000 and 2001, questions were asked about access to the Internet at times outside of regular school hours and on “acceptable use policies.” All estimates are based on samples and are subject to sampling variability.

Further information on Internet access in public schools and classrooms may be obtained from:

Bernie Greene
 Data Development Program (ECICSD)
 National Center for Education Statistics
 1990 K Street NW
 Washington, DC 20006
Bernard.Greene@ed.gov
<http://nces.ed.gov/surveys/frss/>

Library Statistics Program

Public library statistics are collected annually by NCES using the Public Libraries Survey and disseminated annually through the Federal–State Cooperative System for Public Library Data (FSCS). Descriptive statistics are produced for over 9,000 public libraries. The Public Libraries Survey includes information about staffing; operating income and expenditures; type of governance; type of administrative structure; size of collection; and service measures such as reference transactions, public service hours, interlibrary loans, circulation, and library visits. In FSCS, respondents supply the information electronically, and data are edited and tabulated in machine-readable form.

The respondents are 9,074 public libraries identified in the 50 states and the District of Columbia by state library agencies. At the state level, FSCS is administered by State Data Coordinators, appointed by the Chief Officer of each State Library Agency. The State Data Coordinator collects the requested data from local public libraries and submits these data to NCES. An annual training conference sponsored by NCES is provided for the State Data Coordinators. A steering committee representing State Data Coordinators and other public library constituents is active in the development of FSCS data elements and software. Technical assistance to states is provided by phone and in person by the FSCS steering committee and by NCES staff and contractors. All 50 states and the District of Columbia have submitted data for individual public libraries, which are also aggregated to state and national levels.

Since 1990, data have been collected electronically. The most recent software includes identifying information on all known public libraries and their outlets. Beginning in 1994, this resource was available for drawing samples for special surveys on such

topics as literacy, access for the disabled, and library construction.

Under the Academic Libraries Survey (ALS), NCES surveyed academic libraries on a 3-year cycle between 1966 and 1988. From 1988 through 1999, ALS was a component of the Integrated Postsecondary Education Data System and was on a 2-year cycle. Beginning with FY 2000, the Academic Libraries Survey was no longer a component of IPEDS, but it remains on a 2-year cycle. ALS provides data on about 4,000 academic libraries. In aggregate, these data provide an overview of the status of academic libraries nationally and statewide. Beginning in 1996, libraries were asked about electronic services including, electronic catalogs that include the libraries' holdings, Internet access, and electronic full-text periodicals. The survey collects data on the libraries in the entire universe of degree-granting institutions. Beginning with the collection of FY 2000 data, the ALS changed to web-based data collection. ALS produces descriptive statistics on academic libraries in postsecondary institutions in the 50 states, the District of Columbia, and the outlying areas.

The School Library Statistics Survey collected data on school libraries/media centers in 1990–91, 1993–94, and 1999–2000. This survey asked questions on libraries in public and private schools as part of the Schools and Staffing Survey (SASS). A sample survey of about 7,600 schools was conducted during school year 1993–94 and nearly 13,600 schools in 1999–2000. The library questions of the 1990–91 SASS include: number of students served and number of professional staff and aides; at the district level, number of full-time equivalent librarians/media specialists, vacant positions, positions abolished, and approved positions; and amount of librarian input in establishing curriculum. The 1993–94 survey was much more extensive and added questions concerning media centers and collections of libraries. The 1999–2000 survey continued collecting data on media centers and collections of libraries, but did not include questions concerning librarians/media specialists and student records.

Further information on the Library Statistics Program may be obtained from:

Jeff Williams
Library Coop System and Institutional Studies
(ESLSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Jeffrey.Williams@ed.gov
<http://nces.ed.gov/surveys/libraries/>

National Adult Literacy Survey

The National Adult Literacy Survey (NALS) was created in 1992 as a new measure of literacy and funded by the U.S. Department of Education and by 12 states. It is the third and largest assessment of adult literacy funded by the federal government. The aim of the survey is to profile the English literacy of adults in the United States based on their performance across a wide array of tasks that reflect the types of materials and demands they encounter in their daily lives.

To gather the information on adults' literacy skills, trained staff interviewed nearly 13,600 individuals aged 16 and older during the first 8 months of 1992. These participants had been randomly selected to represent the adult population in the country as a whole. Black and Hispanic households were oversampled to ensure reliable estimates of literacy proficiencies, and to permit analyses of the performance of these subpopulations. In addition, some 1,100 inmates from 80 federal and state prisons were interviewed to gather information on the proficiencies of the prison population. In total, over 26,000 adults were surveyed.

Each survey participant was asked to spend approximately an hour responding to a series of diverse literacy tasks, as well as questions about his or her demographic characteristics, educational background, reading practices, and other areas related to literacy. Based on their responses to the survey tasks, adults received proficiency scores along three scales that reflect varying degrees of skill in prose, document, and quantitative literacy. The results of the 1992 survey were published in a report, *Adult Literacy in America*, in September 1993.

Further information on NALS may be obtained from:

Sheida White
NAEP Development and Operations (AD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Sheida.White@ed.gov
<http://nces.ed.gov/naal>

National Assessment of Educational Progress

The National Assessment of Educational Progress (NAEP) is a series of cross-sectional studies initially implemented in 1969 to gather information about selected levels of educational achievement across the country. At the national level, NAEP is divided into two assessments: the main NAEP and the long-term trend NAEP. NAEP has surveyed students at specific ages (9-, 13-, and 17-year-olds) for the long-term trend NAEP, and grades (4th-, 8th-, and 11th- or

12th-grader) for the main NAEP, state NAEP, and long-term writing NAEP. NAEP has also surveyed young adults (ages 25 to 35).

NAEP long-term trend assessments are designed to inform the nation of changes in the basic achievement of America's youth. Nationally representative samples of students have been assessed in science, mathematics, and reading at ages 9, 13, and 17 since the early 1970s. Students have been assessed in writing at grades 4, 8, and 11 since 1984. To measure trends accurately, assessment items (mostly multiple choice) and procedures have remained unchanged since the first assessment in each subject. Recent trend assessments were conducted in 1994, 1996, and 1999. About 30,000 students took part in the 1996 trend assessment. Results are reported as average scores for the nation, regions, and for various subgroups of the population such as race and ethnic groups. Data from the trend assessments are available in the most recent report, *NAEP 1999 Trends in Academic Progress*.

In the main national NAEP, a nationally representative sample of students is assessed at grades 4, 8, and 12 in various academic subjects. The assessments change periodically and are based on frameworks developed by the National Assessment Governing Board (NAGB). Items include both multiple choice and constructed response (requiring written answers). Results are reported in two ways. Average scores are reported for the nation, participating states and jurisdictions, and for subgroups of the population. In addition, the percent of students at or above the basic, proficient, and advanced achievement levels are reported for these same groups. The achievement levels are developed by NAGB.

From 1990 until 2001, main NAEP was conducted for states and other jurisdictions that choose to participate (e.g., 47 participated in 1996). Prior to 1992, the national NAEP samples were not designed to support the reporting of accurate and representative state-level results, separate representative samples of students were selected for each participating jurisdiction. State data are usually available at grades 4 and/or 8, and may not include all subjects assessed in the national-level assessment. In 1994, for example, NAEP assessed reading, geography, and history at the national level at grades 4, 8, and 12; however, only reading at grade 4 was assessed at the state level. In 1996, mathematics and science were assessed nationally at grades 4, 8, 12. In the states, mathematics was assessed at grades 4 and 8, and science was assessed at grade 8 only. In 1997, the arts were assessed only at the national level, at grade 8. Reading and writing were assessed in 1998 at the national level in for grades 4, 8, and 12, and at the state level for grades 4 and 8. Civics was assessed in 1998 at the national level for grades 4, 8,

and 12, as well. These assessments generally involved about 130,000 students at the national and state levels.

In 2002, under the provisions of the No Child Left Behind Act of 2001, all states began to participate in main NAEP and a separate national sample was replaced with the aggregate of all state samples. In 2002, students were assessed in reading, mathematics, and writing at grades 4, 8, and 12 (reading and writing only). In 2003, reading and mathematics were assessed in grades 4 and 8.

The NAEP national sample in 2003 was obtained by aggregating the samples from each state, rather than by obtaining an independently selected national sample. As a consequence, the size of the national sample increased, and smaller differences between years or between types of students were found to be statistically significant than would have been detected in previous assessments.

The assessment data presented in this publication were derived from tests designed and conducted by the Education Commission of the States (1969–1983) and by the Educational Testing Service (ETS) from 1983 to the present.

Sample sizes for the reading proficiency portion of the 1999 NAEP long-term trends study were: 5,793 for the 9-year-olds, 5,933 for the 13-year-olds, and 5,288 for the 17-year-olds. Response rates were 94 percent, 92 percent, and 80 percent, respectively. Response rates for earlier years (1970–71, 1974–75, and 1979–80) were generally lower. For example, the lowest response rate for the 9-year-olds was 88 percent in 1974–75, and the lowest response rate overall was 70 percent for the 17-year-olds in 1974–75.

Sample sizes in the math and science portions of the 1999 long-term trends were: 6,032 9-year-olds, 5,941 13-year-olds, and 3,795 17-year-olds. Response rates were 94, 93, and 81 percent, respectively.

Assessments focusing on particular subject areas are conducted separately from long-term assessments. The 2000 mathematics assessment was administered to 13,511 4th-graders, 15,694 8th-graders, and 13,432 12th-graders. The response rates were: 96 percent for 4th-graders, 92 percent for 8th-graders, and 77 percent for 12th-graders. The 2003 mathematics assessment was administered to 190,147 4th-graders and 153,189 8th-graders.

In 2000, a reading assessment was administered to 77,914 4th-graders. The response rate was 96 percent. In 2002, a reading assessment was administered to 140,487 4th-graders, 115,176 8th-graders, and 14,724 12th-graders. The 2003 reading assessment was administered to 187,581 4th-graders and 155,183 8th-graders.

The 1997–98 writing assessment was administered to 19,816 4th-graders, 20,586 8th-graders, and 19,505 12th-graders. Student response rates for the 1997–98 writing assessment were 95 percent for the 4th-graders, 92 percent for the 8th-graders, and 80 percent for the 12th-graders. The 2002 writing assessment was administered to 139,200 4th-graders, 118,500 8th-graders, and 18,500 12th-graders.

In 1995–96, a science assessment was administered to 7,305 4th-graders, 7,774 8th-graders, and 7,537 12th-graders. The response rates were 94 percent for the 4th-graders, 94 percent for the 8th-graders, and 93 percent for the 12th-graders. In 2000, a science assessment was administered to 16,749 4th-graders, 16,837 8th-graders, and 15,879 12th-graders. The response rates were 96 percent for the 4th-graders, 92 percent for the 8th-graders, and 76 percent for the 12th-graders.

The 1993–94 geography assessment was administered to 5,507 4th-graders, 6,878 8th-graders, and 6,234 12th-graders. The response rates for the assessment were 93 percent for the 4th-graders, 93 percent for the 8th-graders, and 90 percent for the 12th-graders. The 2000–01 geography assessment was administered to 7,779 4th-graders, 10,037 8th-graders, and 9,660 12th-graders. The response rates were 95 percent for the 4th-graders, 93 percent for the 8th-graders, and 77 percent for the 12th-graders.

Information from NAEP is subject to both nonsampling and sampling errors. Two possible sources of nonsampling error are nonparticipation and instrumentation. Certain populations have been oversampled to assure samples of sufficient size for analysis. Instrumentation nonsampling error could result from failure of the test instruments to measure what is being taught and, in turn, what the students are learning.

Further information on NAEP may be obtained from:

Suzanne Triplett
NAEP Development and Operations (AD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Suzanne.Triplett@ed.gov
<http://nces.ed.gov/nationsreportcard>

National Education Longitudinal Study of 1988

The National Education Longitudinal Study of 1988 (NELS:88) is the third major secondary school student longitudinal study conducted by the National Center for Education Statistics. The two studies that preceded NELS:88, the National Longitudinal Study of the High School Class of 1972 (NLS:72) and High School and Beyond (HS&B) in 1980, surveyed high

school seniors (and sophomores in HS&B) through high school, postsecondary education, and work and family formation experiences. Unlike its predecessors, NELS:88 begins with a cohort of 8th-grade students. In 1988, some 25,000 8th-graders, their parents, their teachers, and their school principals were surveyed. Follow-ups were conducted in 1990, 1992, and 1994, when a majority of these students were in 10th- and 12th-grades, and then 2 years after their scheduled high school graduation. A fourth follow-up was conducted in 2000.

NELS:88 was designed to provide trend data about critical transitions experienced by young people as they develop, attend school, and embark on their careers. It complements and strengthens state and local efforts by furnishing new information on how school policies, teacher practices, and family involvement affect student educational outcomes (i.e., academic achievement, persistence in school, and participation in postsecondary education). For the base year, NELS:88 included a multifaceted student questionnaire, four cognitive tests, a parent questionnaire, a teacher questionnaire, and a school questionnaire.

In 1990, when the students were in 10th grade, the students, school dropouts, their teachers, and their school principals were surveyed. The 1988 survey of parents was not a part of the 1990 follow-up. In 1992, when most of the students were in 12th grade, the second follow-up conducted surveys of students, dropouts, parents, teachers, and school principals. Also, information from the students' transcripts were collected. Appendix tables A–3 and A–4 present the respondent counts and design effects of NELS:88 and the 1990 and 1992 follow-ups.

Further information on NELS:88 may be obtained from:

Jeffrey Owings
Elementary/Secondary and Library Studies Division
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Jeffrey.Owings@ed.gov
<http://nces.ed.gov/surveys/nels88/>

National Household Education Surveys Program

The National Household Education Surveys Program (NHES) is a data collection system that is designed to address a wide range of education-related issues. Surveys were conducted in 1991, 1993, 1995, 1996, 1999, 2001, and 2003.

NHES targets specific populations for detailed data collection. It is intended to provide more detailed data on the topics and populations of interest than are collected through supplements to other household surveys.

The topics addressed by NHES:91 were early childhood education and adult education. About 60,000 households were screened for NHES:91. In the Early Childhood Education survey, about 14,000 parents/guardians of 3- to 8-year-olds completed interviews about their children's early educational experiences. Included in this component were participation in nonparental care/education, care arrangements and school, and family, household, and child characteristics. In the NHES:91 Adult Education survey, about 9,800 persons 16 years of age and older, identified as having participated in an adult education activity in the previous 12 months, were questioned about their activities. Data were collected on programs and up to four courses, including the subject matter duration, sponsorship, purpose, and cost. Information on the household and the adult's background and current employment also was collected. In the NHES:95 collection, 23,969 adults were sampled for the adult education survey and 80 percent (19,722) completed the interview.

In NHES:93, nearly 64,000 households were screened. Approximately 11,000 parents of 3- to 7-year-olds completed interviews for the School Readiness survey. Topics included were the developmental characteristics of preschoolers, school adjustment and teacher feedback to parents for kindergartners and primary students, center-based program participation, early school experiences, home activities with family members, and health status. In the School Safety and Discipline survey, about 12,700 parents of children in grades 3 through 12, and about 6,500 youth in grades 6 through 12, were interviewed about their school experiences. Topics included the school learning environment, discipline policy, safety at school, victimization, the availability and use of alcohol/drugs, and alcohol/drug education. Peer norms for behavior in school and substance use were also included in this topical component. Extensive family and household background information was collected, as well as characteristics of the school attended by the child.

In the NHES:95 survey, the Early Childhood Program Participation survey and the Adult Education survey were similar to those in 1991. In the Early Childhood survey, about 14,000 parents of children from birth to third grade were interviewed. For the Adult Education survey, about 19,700 adults were interviewed.

In the spring of 1996, parent and family involvement in education and civic involvement were covered. For the Parent and Family Involvement survey, nearly 21,000 parents of children in grades 3 to 12 were interviewed. For the Civic Involvement survey, about 8,000 youth in grades 6 to 12, about 9,000 parents, and about 2,000 adults were interviewed.

The 1996 survey also addressed public library use. Adults in almost 55,000 households were interviewed to support state-level estimates of household public library use.

NHES:99 collected end-of-decade estimates of key indicators from the surveys conducted throughout the 1990s. Approximately 60,000 households were screened for a total of about 31,000 interviews with parents of children from birth through 12th-grade, and adults aged 16 or older not enrolled in grade 12 or below. Key indicators included participation of children in nonparental care and early childhood programs, school experiences, parent/family involvement in education at home and at school, youth community service activities, plans for future education, and adult participation in educational activities and community service.

NHES:2001 included two surveys that were largely repeats of similar surveys included in earlier NHES collections. The Early Childhood Program Participation Survey was similar in content to the Early Childhood Program Participation Survey fielded as part of NHES:1995, and the Adult Education and Lifelong Learning Survey was similar in content to the Adult Education Survey of NHES:1995. The Before- and After-School Programs and Activities Survey, while containing items fielded in earlier NHES collections, had a number of new items that collected information about what children were doing during the time spent in child care or in other activities, what parents were looking for in care arrangements and activities, and parent evaluations of care arrangements and activities. Parents of approximately 6,700 preschool children completed Early Childhood Program Participation Survey interviews. Nearly 10,900 adults completed Adult Education and Lifelong Learning Survey interviews, and parents of nearly 9,600 children in kindergarten through grade 8 completed Before- and After-School Programs and Activities Survey interviews.

NHES:2003 included two surveys: Adult Education for Work-Related Reasons and Parent and Family Involvement in Education.

Further information on NHES may be obtained from:

Chris Chapman
 Early Childhood and Household Studies Program
 (ECICSD)
 National Center for Education Statistics
 1990 K Street NW
 Washington, DC 20006
Chris.Chapman@ed.gov
<http://nces.ed.gov/nhes/>

National Longitudinal Study of the High School Class of 1972

The National Longitudinal Study of the High School Class of 1972 (NLS:72) began with the collection of base-year survey data from a sample of about 19,000 high school seniors in the spring of 1972. Five more follow-up surveys of these students were conducted in 1973, 1974, 1976, 1979, and 1986. NLS:72 was designed to provide the education community with information on the transitions of young adults from high school through postsecondary education and the workplace.

In addition to the follow-ups, a number of supplemental data collection efforts were undertaken. For example, a Postsecondary Education Transcript Study (PETS) was undertaken in 1984, and the fifth follow-up survey in 1986 included a supplement for those who became teachers.

The sample design for the NLS:72 was a stratified, two-stage probability sample of 12th-grade students from all schools, public and private, in the 50 states and the District of Columbia during the 1971–72 school year. During the first stage of sampling, about 1,070 schools were selected for participation in the base-year survey. As many as 18 students were selected at random from each of the sample schools. The size of both the school and student samples were increased during the first follow-up survey. Beginning with the first follow-up and continuing through the fourth follow-up, about 1,300 schools participated in the survey and slightly under 23,500 students were sampled. The response rates for each of the different rounds of data collection have been 80 percent or higher.

Sample retention rates across the survey years have been quite high. For example, of the individuals responding to the base-year questionnaire, the percentages who responded to the first, second, third, and fourth follow-up questionnaires were about 94, 93, 89, and 83 percent, respectively.

Further information on NLS:72 may be obtained from:

Aurora M. D'Amico
Postsecondary Coop System, Analysis, and
Dissemination (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Aurora.D'Amico@ed.gov
<http://nces.ed.gov/surveys/nls72/>

National Postsecondary Student Aid Study

The National Postsecondary Student Aid Study (NPSAS) is a comprehensive nationwide study of how students and their families pay for postsecondary education. It covers nationally representative

samples of undergraduates, graduates, and first-professional students, including students attending less-than 2-year institutions, 2- to 3-year schools, 4-year colleges, and major universities. Participants included students who do not receive aid and their parents, as well as students who do receive financial aid and their parents. Study results are used to help determine future federal policy regarding student financial aid. The study was conducted every 3 years. Beginning in 1999–2000, the survey will be conducted every 4 years.

The first NPSAS was conducted during the 1986–87 school year. Data were gathered from about 1,074 colleges, universities, and other postsecondary institutions; 60,000 students; and 14,000 parents. These data provided information on the cost of postsecondary education, the distribution of financial aid, and the characteristics of both aided and nonaided students and their families.

As a part of NPSAS:93, information on 77,000 undergraduates and graduate students enrolled during the school year was collected at 1,000 postsecondary institutions. The sample included students enrolled at any time between July 1, 1992 and June 30, 1993. About 66,000 students and a subsample of their parents were interviewed by telephone. NPSAS:96 contains information on more than 48,000 undergraduate and graduate students from 973 postsecondary institutions. Students were enrolled at any time during the 1995–96 school year. Finally, NPSAS:2000 included nearly 62,000 students (49,930 undergraduates, 10,640 graduates, and 1,200 first-professional students) from 999 postsecondary institutions.

Further information on NPSAS may be obtained from:

James Griffith
Postsecondary Longitudinal and Sample Survey
Studies (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
James.Griffith@ed.gov
<http://nces.ed.gov/npsas/>

National Study of Postsecondary Faculty

This study is in response to a continuing need for data on faculty and instructors—persons who directly affect the quality of education in postsecondary institutions. They often determine curriculum content, student performance standards, and the quality of students' preparation for careers. Faculty members also perform important research and development work and perform public service activities. The National Study of Postsecondary Faculty (NSOPF) was designed to provide data about faculty to postsec-

ondary researchers, planners, and policymakers. NSOPF is the most comprehensive study of faculty in postsecondary educational institutions ever undertaken.

The first cycle of NSOPF was conducted by the National Center for Education Statistics (NCES) with support from the National Endowment for the Humanities (NEH) in 1987–88 (NSOPF:88) with a sample of 480 colleges and universities, over 3,000 department chairpersons, and over 11,000 instructional faculty. The second cycle of NSOPF was conducted by NCES with support from NEH and the National Science Foundation (NSF) in 1992–93 (NSOPF:93). NSOPF:93 was limited to surveys of institutions and faculty, but with a substantially expanded sample of 974 colleges and universities, and 31,354 faculty and instructional staff. NSOPF:99 included 960 degree-granting postsecondary institutions and approximately 18,000 faculty and instructional staff questionnaires were completed. The third cycle of NSOPF was in 2003–04.

Further information on NSOPF may be obtained from:

Linda J. Zimblar
Postsecondary Longitudinal and Sample Survey
Studies (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Linda.Zimblar@ed.gov
<http://nces.ed.gov/surveys/nsopf/>

Projections of Education Statistics

Since 1964, NCES has published projections of key statistics for elementary and secondary schools and institutions of higher education. The latest report is titled *Projections of Education Statistics to 2013*. These projections include statistics such as enrollments, instructional staff, graduates, earned degrees, and expenditures. These reports include several alternative projection series and a methodology section describing the techniques and assumptions used to prepare them. Data in this edition of the *Digest* reflect the middle alternative projection series.

Differences between the reported and projected values are, of course, almost inevitable. An evaluation of past projections revealed that, at the elementary and secondary level, projections of enrollments have been quite accurate: mean absolute percentage differences for enrollment were less than 1 percent for projections from 1 to 5 years in the future, while those for teachers were less than 4 percent. At the higher education level, projections of enrollment have been fairly accurate: mean absolute percentage differences were 5 percent or less for projections from 1 to 5 years into the future.

Further information on *Projections of Education Statistics* may be obtained from:

William Hussar
Annual Reports Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
William.Hussar@ed.gov
<http://nces.ed.gov/edstats/>

Survey of Recent College Graduates

Since 1976, NCES has conducted periodic surveys of baccalaureate and master's degree recipients 1 year after graduation. This survey system has been replaced by a new data collection entitled Baccalaureate and Beyond Longitudinal Study (see listing above). The Recent College Graduates (RCG) surveys concentrated on those graduates entering the teaching profession. The surveys link major field of study with outcomes such as whether the respondent entered the labor force or was seeking additional education. Data on the labor force include employment status (unemployed, part-time or full-time employed), occupation, salary, career potential, relation to major field of study, and need for a college degree. To obtain accurate results on teachers, graduates with a major in education were oversampled. The last two surveys over-sampled education majors, and increased the sampling of graduates with majors in other fields.

For each of the selected institutions, a list of their graduates by major field of study was obtained and a sample of graduates was drawn by major field of study. Graduates in certain major fields of study (e.g., education, mathematics, physical sciences) were sampled at higher rates than graduates in other fields. Roughly 1 year after graduation, the sample of graduates was located, contacted by mail or telephone, and asked to respond to the questionnaire.

The locating process was more detailed than in most surveys. Nonresponse rates were directly related to the time, effort, and resources used in locating graduates, rather than to graduates' refusals to participate. Despite the difficulties in locating graduates, response rates for recent studies are comparable to studies without locating problems.

The 1976 survey of 1974–75 college graduates was the first, and smallest of the series. The sample consisted of 211 schools, of which 200 (96 percent) responded. Of the 5,854 graduates in the sample, 4,350 responded, for a response rate of 79 percent.

The 1981 survey was somewhat larger, covering 297 institutions and 15,852 graduates. Responses were obtained from 283 institutions, for an institutional response rate of 95 percent, and from 9,312

graduates (716 others were determined to be out of scope), for a response rate of 74 percent.

The 1985 survey sampled 404 colleges and 18,738 graduates of whom 17,853 were found to be in scope. Responses were obtained from 13,200 students, for a response rate of 78 percent. The response rate for the colleges was 98 percent. The 1987 survey form was sent to 21,957 graduates. Responses were received from 16,878, for a response rate of 79.7 percent.

The 1991 survey (RCG-91) sampled of 18,135 graduates of 400 bachelor's and master's degree-granting institutions, including 16,172 bachelor's degrees recipients and 1,963 master's degree recipients receiving diplomas between July 1, 1989 and June 30, 1990. Random samples of graduates were selected from lists stratified by field of study. Graduates in education, mathematics, and the physical sciences were sampled at a higher rate, as were minority graduates to provide a sufficient number of these graduates for analysis purposes. The graduates included in the sample were selected in proportion to the institution's number of graduates. The institutional response rate was 95 percent and the graduate response rate was 83 percent.

Appendix table A-5 contains sample sizes for number of graduates, by field, for the 1976, 1981, 1985, 1987, and 1991 surveys.

Further information on the RCG survey may be obtained from:

Aurora D'Amico
Postsecondary Studies Division
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Aurora.D'Amico@ed.gov
<http://nces.ed.gov/surveys/rcg/>

Schools and Staffing Survey

The Schools and Staffing Survey (SASS) is a set of linked questionnaires that covers public school districts, public and private schools, principals, and teachers as its core components. SASS was first conducted for the National Center for Education Statistics by the Bureau of the Census during the 1987–88 school year. SASS subsequently was conducted in 1990–91, 1993–94, and 1999–2000. SASS data are collected through a mail questionnaire with telephone follow-up. SASS collects data on the nation's public and private elementary and secondary teaching force, characteristics of schools and school principals, demand for teachers, and school/school district policies. The 1990–91, 1993–94, and 1999–2000 SASS also obtained data on Bureau of Indian Affairs (BIA) or tribally run schools. For the first time, SASS, 1999–2000 included the entire universe of charter

schools known to be in operation during 1998–99. SASS data are collected through a sample survey of schools, the school districts associated with sampled schools, school principals, school library/media centers, and teachers.

Both the 1993–94 and 1999–2000 SASS estimates are based upon a sample consisting of approximately 9,900 public schools, 3,600 private schools, and 5,500 public school districts associated with the public schools in the sample. From these schools, about 56,000 public school teachers and 10,700 private school teachers were selected for the 1993–94 and 1999–2000 SASS teacher surveys. The 1999–2000 SASS included 1,100 charter schools, and a sample of 4,400 charter school teachers.

The public school sample for the 1999–2000 SASS was based on the 1997–98 school year Common Core of Data (CCD), the compilation of all the nation's public school districts and public schools. CCD is collected annually from state education agencies. The frame includes regular public schools, Department of Defense-operated military base schools in the United States, and other schools, such as special education, vocational, and alternative schools. SASS is designed to provide national estimates for public and private school characteristics and state estimates for school districts, public schools, principals, and teachers. The teacher survey is designed as well to allow comparisons between new and experienced teachers, and between bilingual/ESL teachers and other teachers.

The private school sample for 1999–2000 SASS was selected from the 1997–98 Private School Universe Survey (PSS), supplemented with list updates from states and some associations available in time for sample selection. PSS collects basic data on all of the nation's private schools from two sources: the list frame and the area search frame. The list frame was compiled from a set of private school associations that provide NCES with their membership lists and states that gather lists of private schools. The area search frame consisted of schools not included on the list frame that were compiled from local sources in a sample of counties around the United States. Private school estimates are available at the national level and by private school affiliation.

In 1993–94 the weighted response rate for the Teacher Demand and Shortage Questionnaire was 93.9 percent. Weighted response rates for the Public School Principal Questionnaire and the Private School Questionnaire were 96.6 percent and 87.6 percent, respectively.

The public, private, and BIA teacher questionnaires were sent out in several batches, between mid-December 1993 and early February 1994. Weighted response rates for the Public School Questionnaire and the Private School Questionnaire were 92.3 percent

and 83.2 percent, respectively. Five percent of public schools and 9 percent of private schools did not provide a list of teachers in their schools and were thus ineligible for sampling. Weighted response rates were 88.2 percent for public school teachers and 80.2 percent for private school teachers.

In 1999–2000, the weighted response rate for the School District Questionnaire was 88.6 percent. Weighted response rates for the Public School Principal Questionnaire, the Private School Principal Questionnaire, and the Charter School Principal Questionnaire were 90.0 percent, 84.8 percent, and 90.2 percent, respectively.

Weighted response rates for the Public School Questionnaire, the Private School Questionnaire, and the Charter School Questionnaire were 88.5 percent, 79.8 percent, and 86.1 percent, respectively. Seven percent of public schools, 14 percent of private schools, and 9 percent of charter schools did not provide a list of teachers in their schools and were thus ineligible for sampling. The weighted overall response rates were 76.7 percent for public school teachers, 67.3 percent for private school teachers, and 71.8 percent for charter school teachers.

Public-use data files are available on CD-ROM. Summary data from the 1999–2000 SASS can be found in *Schools and Staffing Survey, 1999–2000: Overview of the Data for Public, Private, Public Charter, and Bureau of Indian Affairs Elementary and Secondary Schools* (NCES 2002–313). Further information about the sample design may be obtained from the *1999–2000 Schools and Staffing Survey: Sample Design and Estimation* (forthcoming). There also is a methodology report on SASS, *A Quality Profile for SASS, Rounds 1–3: 1987 to 1995* (NCES 2000–308). The SASS homepage at the address below contains updates on the latest publications.

The most recent administration of SASS occurred during the 2003–04 school year.

Further information on SASS may be obtained from:

Kerry Gruber
Elementary/Secondary Sample Survey Studies
Program (ESLSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Kerry.Gruber@ed.gov
<http://nces.ed.gov/surveys/sass/>

Private School Universe Survey

The purposes of Private School Survey (PSS) data collection activities are (1) to build an accurate and complete list of private schools to serve as a sampling frame for NCES sample surveys of private schools; and (2) to report data on the total number

of private schools, teachers, and students in the survey universe. The PSS is conducted every 2 years with collections in 1989–90, 1991–92, 1993–94, 1995–96, 1997–98, and 1999–2000 school years. The survey data for the 2001–02 school year is currently being edited.

The PSS produces data similar to that of the CCD for the public schools, and can be used for public-private comparisons. The data are useful for a variety of policy and research-relevant issues, such as the growth of religiously affiliated schools, the number of private high school graduates, the length of the school year for various private schools, the number of private school graduates, the length of the school year for various private schools, and the number of private school students and teachers.

The target population for the universe survey consists of all private schools in the United States that meet NCES criteria of a school (e.g., private school is an institution which provides instruction for any of grades K through 12, has one or more teachers to give instruction, is not administered by a public agency, and is not operated in a private home). The survey universe is composed of schools identified from a variety of sources. The main source is a list frame, initially developed for the 1989–90 PSS. The list is updated regularly by matching it with lists provided by nationwide private school associations, state departments of education, and other national guides and sources that list private schools. The other source is an area frame search in approximately 120 geographic areas, conducted by the Bureau of the Census.

Further information on PSS may be obtained from:

Steve Broughman
Elementary/Secondary Sample Survey Studies
Program (ESLSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Stephen.Broughman@ed.gov
<http://nces.ed.gov/surveys/pss/>

Trends in International Mathematics and Science Study

The Trends in International Mathematics and Science Study (TIMSS) was formerly known as the Third International Mathematics and Science Study. During the 1995 school year, the study tested the mathematics and science knowledge of half a million students from 42 nations at three different grade levels. At the same time, the students, their teachers, and the principals of their schools were asked to respond to questionnaires about their backgrounds and their attitudes, experiences, and practices in the teaching and learning of mathematics and science. In

1999, the Third International Mathematics and Science Study-Repeat (TIMSS-R) compared the mathematics and science achievement of 8th-graders in 38 countries. Another study was conducted in 2003 that tested the mathematics and science knowledge of students from 50 nations at the 4th- and 8th-grade levels. TIMSS 2003 includes a new assessment framework that reflects changes during the last decade in curricula and the ways mathematics and science are taught.

TIMSS is a collaborative research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). The TIMSS International Study Center is housed in the Center for the Study of Testing, Evaluation, and Educational Policy (CSTEPP) at Boston College. The TIMSS International Study Director, Albert E. Beaton, directs the international activities of the study, together with his staff at the International Study Center.

Further information on TIMSS may be obtained from:

TIMSS Customer Service
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
timss@ed.gov
<http://nces.ed.gov/timss/>

Other Department of Education Agencies

Office for Civil Rights

Elementary and Secondary Civil Rights Compliance Report (Survey)

The Office for Civil Rights (OCR), U.S. Department of Education, conducts biennial surveys of public school districts and of schools within those districts. Data are obtained on the characteristics of pupils enrolled in public schools throughout the nation. Such information is required under Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973 to enable OCR to carry out its compliance responsibilities. The 1990 survey included the 100 largest public school districts, those of special interest (i.e., court order, compliance review), and a stratified random sample of approximately 3,500 districts representing approximately 40,000 schools.

School, district, and national data are currently available.

Further information on the Elementary and Secondary Civil Rights Compliance Report (Survey) may be obtained from:

Peter McCabe
Office for Civil Rights
U.S. Department of Education
330 C Street SW
Washington, DC 20202
Peter.McCabe@ed.gov
<http://www.ed.gov/about/offices/list/ocr/index.html>

Office of Special Education and Rehabilitative Services

Annual Report to Congress on the Implementation of the Education of the Handicapped Act

The Individuals with Disabilities Education Act (IDEA), formerly the Education of the Handicapped Act (EHA), requires the Secretary of Education to transmit to Congress annually a report describing the progress in serving the nation's disabled children. The annual report contains information on children served by the public schools under the provisions of Part B of the IDEA and for children served in state-operated programs (SOP) for the handicapped under Chapter I of the Elementary and Secondary Education Act (ESEA). Statistics on children receiving special education and related services in various settings and school personnel providing such services are reported in an annual submission of data to the Office of Special Education and Rehabilitative Services (OSERS), by the 50 states, the District of Columbia, and the outlying areas. The child count information is based on the number of disabled children receiving special education and related services on December 1st of each year.

Since each participant in programs for the disabled is reported to OSERS, the data are not subject to sampling error. However, nonsampling error can occur from a variety of sources. Some states follow a non-categorical approach to the delivery of special education services, but produce counts by disabling condition because EHA-B requires it. In those states that do categorize their disabled students, definitions and labeling practices vary.

Further information on the Annual Report to Congress may be obtained from:

Office of Special Education Programs
Office of Special Education and Rehabilitative Services
330 C Street SW
Washington, DC 20202
<http://www.ed.gov/about/offices/list/osers/osep/index.html>

National Longitudinal Transition Study of Special Education Students

As part of the 1983 amendments to the Education of the Handicapped Act (EHA), Congress requested that the U.S. Department of Education conduct a national longitudinal study of the transition of secondary special education students to determine how they fare in terms of education, employment, and independent living. A 5-year study was mandated, which was to include youth from ages 13 to 21 who were in special education at the time they were selected and who represented all 11 federal disability categories. Data were drawn from extensive telephone interviews with parents, from school records, and from a survey of educators in secondary schools attended by youth in the study.

The study was conducted by SRI International and began in April 1987. The National Transition Study involves a nationally representative sample of more than 8,000 secondary-age youth with disabilities. A sample of 450 school districts was randomly selected from the universe of approximately 14,000 school districts serving secondary special education students. An additional replacement sample of 176 additional districts was selected due to a low rate of agreement to participate from the initial group of districts. Participation in the study was invited from the approximately 80 special schools serving secondary-age deaf, blind, and deaf-blind schools. A total of approximately 300 school districts and 25 special schools agreed to have youth selected for the study.

Further information on the National Longitudinal Transition Study of Special Education Students may be obtained from:

Office of Special Education Programs
Office of Special Education and Rehabilitative Services
330 C Street SW
Washington, DC 20202
<http://www.nlts2.org/>

Other Governmental Agencies

Bureau of the Census

Current Population Survey

Prior to July 2001, estimates of school enrollment rates, as well as social and economic characteristics of students, were based on data collected in the Census Bureau's monthly household survey of about 50,000 dwelling units. Beginning in July 2001, this sample was expanded to 60,000 dwelling units. The monthly Current Population Survey (CPS) sample consists of 754 areas comprising 2,007 geographic areas, independent cities, and minor civil divisions throughout the 50 states and the District of Columbia. The samples are initially selected based on the decennial census files and are periodically updated to reflect new housing construction.

The monthly CPS deals primarily with labor force data for the civilian noninstitutional population (i.e., excluding military personnel and their families living on post and inmates of institutions). In addition, in October of each year, supplemental questions are asked about highest grade completed, level and grade of current enrollment, attendance status, number and type of courses, degree or certificate objective, and type of organization offering instruction for each member of the household. In March of each year, supplemental questions on income are asked. The responses to these questions are combined with answers to two questions on educational attainment: highest grade of school ever attended, and whether that grade was completed.

The estimation procedure employed for monthly CPS data involves inflating weighted sample results to independent estimates of characteristics of the civilian noninstitutional population in the United States by age, sex, and race. These independent estimates are based on statistics from decennial censuses; statistics on births, deaths, immigration, and emigration; and statistics on the population in the armed services. Generalized standard error tables are provided in the *Current Population Reports*. The data are subject to both nonsampling and sampling errors.

Caution should also be used when comparing newer data, which reflect 1990 census-based population controls, with data from March 1993 and earlier years, which reflect 1980 or earlier census-based population controls. This change in population controls had relatively little impact on summary measures such as means, medians, and percentage distributions. It did have a significant impact on levels. For example, use of 1990-based population controls

results in about a 1 percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 1994 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain subpopulation groups than for the total population.

Further information on CPS may be obtained from:

Education and Social Stratification Branch
Population Division
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
<http://www.bls.census.gov/cps/cpsmain.htm>

Educational Attainment

Data on years of school completed are derived from two questions on the Current Population Survey (CPS) instrument. Reports documenting educational attainment are produced by the Bureau of the Census using March CPS results. The latest release is Educational Attainment in the United States, March 2002, Series PPL-169, which may be downloaded at:

<http://www.census.gov/population/www/socdemo/educ-attn.html>

In addition to the general constraints of CPS, some data indicate that the respondents have a tendency to overestimate the educational level of members of their household. Some inaccuracy is due to a lack of the respondent's knowledge of the exact educational attainment of each household member and the hesitancy to acknowledge anything less than a high school education. Another cause of nonsampling variability is the change in the numbers in the armed services over the years.

For the March 2002 basic CPS, the nonresponse rate was 8.3 percent and for the supplement the nonresponse rate was an additional 8.6 percent for a total supplement nonresponse rate of 16.2 percent.

The variability in estimates for subgroups (region, household relationships, etc.) can be estimated using the tables presented in *Current Population Reports*. Further information on the Current Population Survey may be obtained from the CPS website at:

<http://www.bls.census.gov/cps/cpsmain.htm>

Further information on CPS "Educational Attainment in the United States" may be obtained from:

Education and Social Stratification Branch
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
<http://www.census.gov/population/www/socdemo/educ-attn.html>

School Enrollment

Each October, the Current Population Survey (CPS) includes supplemental questions on the enrollment status of the population 3 years old and over, in addition to the monthly basic survey on labor force participation. Prior to 2001, the October supplement consisted of approximately 47,000 interviewed households. Beginning with the October 2001 supplement, the sample was expanded by 9,000 to a total of approximately 56,000 interviewed households. The main sources of non-sampling variability in the responses to the supplement are those inherent in the survey instrument. The question of current enrollment may not be answered accurately for various reasons. Some respondents may not know current grade information for every student in the household, a problem especially prevalent for households with members in college or in nursery school. Confusion over college credits or hours taken by a student may make it difficult to determine the year in which the student is enrolled. Problems may occur with the definition of nursery school (a group or class organized to provide educational experiences for children), where respondents' interpretations of "educational experiences" vary.

For the October 2001 basic CPS, the nonresponse rate was 6.7 percent; and for the school enrollment supplement, the nonresponse rate was an additional 3.6 percent for a total supplement nonresponse rate of 10.1 percent.

Further information on CPS methodology may be obtained from:

<http://www.bls.census.gov/cps/cpsmain.htm>

Further information on CPS "School Enrollment" may be obtained from:

Education and Social Stratification Branch
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
<http://www.census.gov/population/www/socdemo/school.html>

Dropouts

Each October, the Current Population Survey (CPS) includes supplemental questions on the enrollment status of the population 3 years old and over as part of the monthly basic survey on labor force participation. In addition to gathering the information on school enrollment, with the limitations as noted under "School Enrollment," the survey data permit calculations of dropout rates. Both status and event dropout rates are tabulated from the CPS Survey. The *Digest* provides information using the status rate calculation. Event rates describe the proportion of students who leave school each year without completing a high school program. Status rates provide cumulative data on dropouts among all young adults within a specified age range. Status rates are higher than event rates because they include all dropouts ages 16 through 24, regardless of when they last attended school.

In addition to other survey limitations, dropout rates may be affected by survey coverage and exclusion of the institutionalized population. The incarcerated population has grown more rapidly than the general population, and they have a higher dropout rate than the general population. Dropout rates for the total population might be higher than those for the noninstitutionalized population if the prison and jail populations were included in the dropout rate calculations. On the other hand, if military personnel were included, who tend to be high school graduates, it might offset some or all of the impact from the theoretical inclusion of the jail and prison population.

Another area of concern with tabulations involving young people in household surveys is the relatively low coverage ratio compared to older age groups. CPS under-coverage results from missed housing units and missed persons within sample households. Overall CPS under-coverage is estimated to be about 8 percent. CPS under-coverage varies with age, sex, and race. Generally, under-coverage is larger for males than for females and larger for Blacks and other races combined than for Whites. For example, the under-coverage ratio for Black 20- to 29-year-olds males is 34 percent. Ratio estimation to independent age-sex-race-Hispanic population controls partially corrects for the bias due to under-coverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics from those of interviewed persons in the same age-sex-race-origin-state group. Further information on CPS methodology may be obtained from: <http://www.bls.census.gov/cps/cpsmain.htm>

Further information on calculation of dropouts and dropout rates may be obtained from the NCES *Dropout Rates in the United States: 2001* at:

<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=20050461> or by contacting,

Chris Chapman
Early Childhood Longitudinal and Household Studies
Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Chris.Chapman@ed.gov

Government Finances

The Census Bureau conducts an annual survey of Government Finances as authorized by law under Title 13, United States Code, Section 182. This survey covers the entire range of government finance activities: revenue, expenditure, debt, and assets. Revenues and expenditures comprise actual receipts and payments of a government and its agencies, including government-operated enterprises, utilities, and public trust funds. The expenditure reporting categories comprise all amounts of money paid out by a government and its agencies with the exception of amounts for debt retirement and for loan, investment, agency, and private trust transactions.

Most of the federal government statistics are based on figures that appear in *The Budget of the United States Government*. Since the classification used by the Census Bureau for reporting state and local government finance statistics differs in a number of important respects from the classification used in the United States Budget, it was necessary to adjust the federal data. For this report, federal budget expenditures include interest accrued, but not paid, during the fiscal year; Census data on interest are on a disbursement basis.

The state government finances are based primarily on the annual Census Bureau survey of state finances. Census staff compiles figures from official records and reports of the various states for most of the state financial data.

The sample of local governments is drawn from the periodic Census of Governments and consists of certain local governments taken with certainty plus a sample below the certainty level.

The statistics in Government Finances that are based wholly or partly on data from the sample are subject to sampling error. State government finance data are not subject to sampling error. Estimates of major United States totals for local governments are subject to a computed sampling variability of less than one-half of 1 percent. The estimates are also subject to the inaccuracies in classification, response, and processing which would occur if a com-

plete census had been conducted under the same conditions as the sample.

Further information on Government Finances may be obtained from:

Governments Division
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
<http://www.census.gov/govs/www/index.html>

Census of Population—Education in the United States

This report is based on a part of the decennial census which consists of questions asked of a one-in-six sample of persons and housing units in the United States. This sample was asked more detailed questions about income, occupation, and housing costs in addition to general demographic information.

School Enrollment Persons classified as enrolled in school reported attending a “regular” public or private school or college. Questions asked were whether the institution attended was public or private, and level of school in which the student was enrolled.

Educational Attainment Data for educational attainment were tabulated for persons 15 years and over, and classified according to the highest grade completed or the highest degree received. Instructions were also given to include the level of the previous grade attended or the highest degree received for persons currently enrolled in school.

Poverty Status To determine poverty status, answers to income questions were used and compared to the appropriate poverty threshold. All persons except institutionalized persons, persons in military group quarters and in college dormitories, and unrelated persons under 15 years old were considered. If total income of each family or unrelated individual in the sample was less than the corresponding cutoff, that family or individual was classified as “below the poverty level.”

Further information on the 1990 Census and 2000 Census of population may be obtained from:

Population Division
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
<http://www.census.gov/prod/www/abs/decenial.html>
<http://www.census.gov/main/www/cen2000.html>

Bureau of Labor Statistics

Unemployment Surveys

Statistics on the employment status of the population and related data are compiled by the Bureau of Labor Statistics (BLS) using data from the Current

Population Survey (CPS) and other surveys. The monthly CPS survey of households is conducted for BLS by the Bureau of the Census through a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Each month, about 60,000 occupied units are eligible for interview. Some 4,500 of these households are contacted, but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a non-interview rate for the survey that ranges between 7 and 8 percent. In addition to the 50,000 occupied units, there are 12,000 sample units in an average month that are visited, but found to be vacant or otherwise not eligible for enumeration.

The current sample design, introduced in July 2001, includes about 72,000 households from 754 sample areas and maintains a 1.9 percent coefficient of variation (c.v.) on national monthly estimates of unemployment level. This translates into a change of 0.2 percentage points in the unemployment rate being significant at a 90 percent confidence level. For each of the 50 states and for the District of Columbia, the design maintains a c.v. of at most 8 percent on the annual average estimate of unemployment level, assuming a 6 percent unemployment rate.

Further information on unemployment surveys may be obtained from:

Bureau of Labor Statistics
U.S. Department of Labor
2 Massachusetts Avenue NE
Washington, DC 20212
cpsinfo@bls.gov
<http://www.bls.gov/cps/#publications>

Consumer Price Indexes

The Consumer Price Index (CPI) represents changes in prices of all goods and services purchased for consumption by urban households. Indexes are available for two population groups: a CPI for All Urban Consumers (CPI-U) and a CPI for Urban Wage Earners and Clerical Workers (CPI-W). Price Indexes are available for the United States, the four Census regions, size of city, cross-classifications of regions and size-classes, and for 26 local areas. The major uses of the CPI include the CPI as an economic indicator, as a deflator of other economic series, and as a means of adjusting income payments.

Further information on consumer price indexes may be obtained from:

Consumer Price Indexes
Bureau of Labor Statistics
U.S. Department of Labor
2 Massachusetts Avenue NE
Washington, DC 20212
<http://stats.bls.gov/cpi/home.htm>

National Institute on Drug Abuse

The National Institute on Drug Abuse of the U.S. Department of Health and Human Services is the primary supporter of the long-term study entitled "Monitoring the Future: A Continuing Study of the Life-styles and Values of Youth," conducted at the University of Michigan, Institute for Social Research. One component of the study deals with student drug abuse. Results of a national sample survey have been published annually since 1975. With the exception of 1975, when about 9,400 students participated in the survey, the annual senior samples are comprised of roughly 16,000 students in 133 schools. They complete self-administered questionnaires given to them in their classrooms by University of Michigan personnel. Beginning in 1991, similar surveys of nationally representative samples of 8th- and 10th-grade students have been conducted annually. The 10th-grade samples involve about 17,000 students in 140 schools each year, while the 8th-grade samples have approximately 18,000 students in 150 schools. In all, approximately 50,000 students from 420 public and private secondary schools are surveyed annually. Over the years, the response rate has varied from 77 to 84 percent. Appendix table A-6 provides examples of the survey's sampling error.

Understandably, there will be some reluctance to admit illegal activities. Also, students who were out of school on the day of the survey were nonrespondents. The survey did not include high school dropouts. The inclusion of these two groups would tend to increase the proportion of individuals who had used drugs. A 1983 study found that the inclusion of the absentees could increase some of the drug usage estimates by as much as 2.7 percentage points. (Details on that study and its methodology were published in *Drug Use Among American High School Students, College Students, and Other Young Adults*, by Lloyd D. Johnston, Patrick M. O'Malley, and Jerald G. Bachman, available from the National Clearinghouse on Drug Abuse Information, 5600 Fishers Lane, Rockville, MD 20857.)

Further information on the Monitoring the Future drug abuse survey may be obtained from:

National Institute on Drug Abuse
Division of Epidemiology and Statistical Analysis
5600 Fishers Lane
Rockville, MD 20857
<http://www.monitoringthefuture.org>

National Science Foundation

Survey of Earned Doctorates Awarded in the United States

The Survey of Earned Doctorates Awarded in the United States has collected basic statistics from the universe of doctoral recipients in the United States each year since 1958. It has been supported by five federal agencies: the National Science Foundation, in conjunction with the U.S. Department of Education; the National Endowment for the Humanities; the U.S. States Department of Agriculture; and the National Institutes of Health.

A survey form is distributed with the assistance of graduate deans, to each person completing the requirements for a doctorate. Of the 40,744 new research doctorates granted in 2001, the response rate was 92 percent. The questionnaire obtains information on sex, race/ethnicity, marital status, citizenship, handicaps, dependents, specialty field of doctorate, educational institutions attended, time spent in completion of doctorate, financial support, educational debt, postgraduation plans, and educational attainment of parents.

Further information on the Survey of Earned Doctorates Awarded in the United States may be obtained from:

Science and Engineering Education and Human Resources Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
<http://www.nsf.gov/sbe/srs/ssed/start.htm>

Federal Obligations to Universities, Colleges, and Nonprofit Institutions

Each year, the National Science Foundation collects data on obligations to colleges and universities from federal agencies. Obligations differ from expenditures, in that funds obligated during one fiscal year may be spent by the recipient in later years. Obligation amounts include direct federal support, so that amounts subcontracted to other institutions are included. Those funds received through subcontracts

from prime contractors are excluded. Also excluded from the data are certain types of financial assistance, such as the U.S. Department of Education's Federal Family Education Loans and obligations to the U.S. service academies. For purposes of tabulations in this publication, university-administered federally funded research and development centers (FFRDCs) are now excluded from state totals.

The universe of academic institutions for this survey is based on the Integrated Postsecondary Education Data System conducted by the National Center for Education Statistics (see above). Institutions without federal support were excluded and some systems were combined into single reporting units.

Further information on *Federal Support to Universities, Colleges, and Nonprofit Institutions* may be obtained from:

Science and Engineering Activities Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
<http://www.nsf.gov/sbe/srs/fedsuppt/>

Survey of Scientific and Engineering Expenditures at Universities and Colleges

The National Science Foundation's annual academic survey collects data on research and development expenditures in the sciences and engineering from a sample of 573 institutions in the United States and outlying areas. Those institutions were selected from the universe of 595 schools that grant a graduate science or engineering degree and/or perform activities for which at least \$50,000 has been funded from separately budgeted R&D expenditures. In addition, the survey includes 19 university-affiliated, federally funded research and development centers (FFRDCs).

The 640 institutions sampled for FY 2000 include all doctorate-granting institutions, all historically Black colleges and universities with any R&D expenditures, and a random sample of all other institutions. The response rate was 97.3 percent. Data presented are assembled from the most recently completed survey and represent the latest totals available.

Further information on *Academic Science/Engineering, R&D Funds* may be obtained from:

Science and Engineering Activities Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
<http://www.nsf.gov/sbe/srs/sseeuc/start.htm>

Other Organization Sources

American College Testing Program

The American College Testing (ACT) assessment is designed to measure educational development in the areas of English, mathematics, social studies, and natural sciences. The ACT assessment is taken by college-bound high school students and the test results are used to predict how well students might perform in college.

Prior to the 1984–85 school year, national norms were based on a 10 percent sample of the students taking the test. Since then, national norms are based on the test scores of all students taking the test. Moreover, beginning with 1984–85, these norms have been based on the most recent ACT scores available from students scheduled to graduate in the spring of the year. Duplicate test records are no longer used to produce national figures.

Separate ACT standard scores are computed for English, mathematics, science reasoning, and, as of October 1989, reading. ACT standard scores are reported for each subject area on a scale from 1 to 36. The four ACT standard scores have a mean (average) of about 19 and a standard deviation of about 6 for college-bound students nationally. A composite score is obtained by taking the simple average of the four standard scores and is an indication of a student's overall academic development across these subject areas. Beginning with the October 1989 test date, a new version of the ACT was introduced.

It should be noted that college-bound students who take the ACT Assessment are not representative of college-bound students nationally. First, students who live in the Midwest, Rocky Mountains and Plains, and the South are over represented among ACT-tested students as compared with college-bound students nationally. Second, ACT-tested students tend to enroll in public colleges and universities more frequently than do college-bound students nationally.

Further information on the ACT may be obtained from:

The American College Testing Program
2201 North Dodge Street
P.O. Box 168
Iowa City, IA 52243
<http://www.act.org/news/data.html>

College Entrance Examination Board

The Admissions Testing Program of the College Board comprises a number of college admissions tests, including the Preliminary Scholastic Assessment Test (PSAT) and the Scholastic Assessment Test (SAT). High school students participate in the testing program as sophomores, juniors, or seniors—

some more than once during these 3 years. If they have taken the tests more than once, only the most recent scores are tabulated. The PSAT and SAT report sub-scores in the areas of mathematics and verbal ability.

The SAT results are not representative of high school students or college-bound students nationally since the sample is self-selected. Generally, tests are taken by students who need the results to apply to a particular college or university. The state totals are greatly affected by the requirements of its state colleges. Public colleges in many states require ACT scores rather than SAT scores. Thus, the proportion of students taking the SAT in these states is very low and is inappropriate for any comparison. In recent years, more than 1 million high school students have taken the examination annually.

Further information on the SAT can be obtained from:

College Entrance Examination Board
Educational Testing Service
Princeton, NJ 08541
<http://www.collegeboard.org/>

Graduate Record Examinations Board

The Graduate Record Examinations (GRE) tests are taken by individuals applying to graduate or professional school. GRE offers three types of tests, the General Test, Subject Tests and the new Writing Assessment. The General Test, which is mainly offered on computer, measures verbal, quantitative, and analytical writing skills. These skills are not necessarily related to any particular field of study. In contrast, the Subject Tests measure achievement in 8 subject areas. Subject areas include Biochemistry, Cell and Molecular Biology, Biology, Chemistry, Literature in English, Mathematics, Physics, and Psychology. The Writing Assessment consists of two analytical writing tasks and replaced the analytical reasoning section on the general GRE after December 31, 2002. Each graduate institution or division of the institution determines which GRE tests are required for admission.

Individuals may take GRE tests more than once. Score reports only reflect scores earned within the past 5-year period.

Further information on the GRE may be obtained from:

Graduate Record Examinations Board
Educational Testing Service
Princeton, NJ 08541
<http://www.gre.org>

Council for Aid to Education

The Council for Aid to Education, Inc., (CFAE) is a not-for-profit corporation funded by contributions

from businesses. CFAE largely provides consulting and research services to corporations and information on voluntary support services to education institutions. Each year CFAE conducts a survey of colleges and universities and private elementary and secondary schools to obtain information on the amounts, sources, and purposes of private gifts, grants, and bequests received during the academic year.

In the 2001–02 study, approximately 2,973 colleges and universities were invited to participate and 1,060 responded. The response rate for colleges and universities was 35.5 percent. CFAE estimates that about 85 percent of all voluntary support is reported in the survey because of the high participation of institutions receiving large amounts of funding.

Survey forms are reviewed by CFAE for internal consistency before preparing a computerized database. Institutional reports of voluntary support data from the CFAE Survey of Voluntary Support of Education are more comprehensive and detailed than the related data in the Integrated Postsecondary Education Data System, Finance Survey conducted by NCES. The results from the Survey of Voluntary Support of Education are published in the annual *Voluntary Support of Education*, which may be purchased from CFAE.

Further information on *Voluntary Support of Education* may be obtained from:

Ann Kaplan
Council for Aid to Education, Inc.
215 Lexington Avenue
21st Floor
New York, NY 10016
vse@cae.org
<http://www.cae.org/content/publications.htm>

National Catholic Educational Association

The National Catholic Educational Association (NCEA) is an organization devoted to providing leadership and service to Catholic education since 1904. NCEA began to publish *The United States Catholic Elementary and Secondary Schools: Annual Statistical Report on Schools, Enrollment and Staffing* in 1970 because of the lack of educational data on the private sector. The report is based on data gathered by each of the 178 archdiocesan and diocesan offices of education in the United States. These data enable NCEA to present information on school enrollment and staffing patterns for prekindergarten through grade 12. The first part of the report presents data concerning the context of American education, while the following segment focuses on statistical data of Catholic schools. Statistics include en-

rollment by grade level, ethnicity, and religious affiliation.

Further information on *The United States Catholic Elementary and Secondary Schools: Annual Statistical Report on Schools, Enrollment, and Staffing* may be obtained from:

Sister Dale McDonald
National Catholic Educational Association
1077 30th Street NW, Suite 100
Washington, DC 20007-6232
Mcdonald@ncea.org
<http://www.ncea.org>

Council of Chief State School Officers

The Council of Chief State School Officers (CCSSO) is a nonprofit organization of the 57 public officials who head departments of public education in every state, the outlying areas, the District of Columbia, and the U.S. Department of Defense Dependents Schools. In 1985, the CCSSO founded the State Education Assessment Center to provide a locus of leadership by the states to improve the monitoring and assessment of education. *State Education Indicators*, is the principal report of the Assessment Center's program of indicators on education. Most of the data are obtained from a member questionnaire, and the remainder of the data is from federal government agencies.

Further information on CCSSO publications may be obtained from:

Rolf Blank
State Education Assessment Center
Council of Chief State School Officers
One Massachusetts Avenue NW
7th Floor
Washington, DC 20001
<http://www.ccsso.org/>

Education Commission of the States

The Education Commission of the States (ECS) Clearinghouse collects information on laws and standards in the field of education and reports them periodically in *Clearinghouse Notes*. The Commission collects information about administrators, principals, and teachers. It also examines policy areas, such as assessment and testing, collective bargaining, early childhood issues, quality education, and school schedules. The information is collected by reading state newsletters, tracking state legislation, and surveying state education agencies. Data are verified by the individual states when necessary. Even though ECS monitors state activity on a continuous basis, it updates the reports only when there is significant change in state activity.

Further information on *Clearinghouse Notes* is available from:

Kathy Christie
Education Commission of the States
700 Broadway, #1200
Denver, CO 80203-3460
<http://www.ecs.org>

Gallup Poll

Phi Delta Kappa Survey

Each year the Gallup Poll conducts the "Public Attitudes Toward the Public Schools" survey, funded by Phi Delta Kappa. The survey includes interviews with adults representing the civilian noninstitutional population 18 years old and over.

The sample used in the 34th annual survey was made up of a total of 1,000 respondents and is described as a modified probability sample of the nation. Gallup uses an unclustered, directory-assisted, random-digit telephone sample, based on a proportionate stratified sampling design. In 2000, the final sample was weighted so that the distribution corresponded with the U.S. Census Bureau's Current Population Survey (CPS) estimates for adult population living in telephone households in the continental United States. The sample used in the 35th annual survey was made up of a total of 1,011 adults aged eighteen and over. Field work for the survey was conducted between May 28th and June 18th of 2003.

The survey is a sample survey and is subject to sampling error. The size of error depends largely on the number of respondents providing data. Appendix table A-7 shows the approximate sampling errors associated with different percentages and sample sizes for the survey. Appendix table A-8 provides approximate sampling errors for comparisons of two sample percentages.

For example, an estimated percentage of about 10 percent based on the responses of 1,000 sample members maintains an approximate sampling error of 2 percent at the 95 percent confidence level. The sampling error for the difference in 2 percentages (50 percent versus 41 percent) based on 2 samples of 750 members and 400 members, respectively, is about 8 percent at the 95 percent confidence level.

Further information on the "Public Attitudes Toward the Public Schools" survey may be obtained from:

Bruce Smith
Phi Delta Kappa
P.O. Box 789
Bloomington, IN 47402-0789
<http://www.pdkintl.org/>

Independent Sector Survey

In 1988, The Independent Sector commissioned the Gallup Poll to conduct a national survey on the giving and volunteering behavior of Americans. This survey is part of a series of surveys taking place every 2 years. The 1999 information was obtained from in-home personal interviews conducted during May, June, and July 1999, with a representative national sample of 2,553 adult Americans 18 or more years old. Weighting procedures were used to ensure that the sample makeup corresponds with that of the adult population of the United States. The sampling procedure did not include those with incomes above \$200,000 because they constitute such a small percentage of the population. The sampling error for this survey was plus or minus 3 percent.

The results from this survey are published in *Giving and Volunteering in the United States, 1999* and may be purchased from:

Independent Sector
1200 Eighteenth Street NW, Suite 200
Washington, DC 20036
<http://www.independentsector.org>

International Association for the Evaluation of Educational Achievement (IEA)

The International Association for the Evaluation of Educational Achievement, known as the IEA, is comprised of research centers and scholars from around the world whose aim is to investigate education problems common among countries. In 1994, the IEA General Assembly, composed of the research institutes participating in IEA projects, decided to undertake a two-phased study of civic knowledge called the Civic Education Study (CivEd). Phase I of CivEd, begun in 1996, was designed to collect extensive documentary evidence and expert opinion describing the circumstances, content, and process of civic education in 24 countries. Phase 2, the assessment phase of the study, conducted in 1999, was designed to assess the civic knowledge of 14-year-old students across 28 countries. The assessment items in CivEd were designed to measure knowledge and understanding of key principles that are universal across democracies. Another key component of the Phase 2 study focuses on measuring the attitudes of students toward civic issues. Although the study was designed as an internationally comparative one, the data collected allow individual countries to conduct in-depth, national-level comparisons and analyses.

Further information on the IEA civic education study may be obtained from:

Laurence Ogle
International Studies Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Laurence.Ogle@ed.gov
<http://www.nces.ed.gov/surveys/cived>

Institute of International Education

Each year, the Institute of International Education (IIE) conducts a survey of the number of foreign students studying in American colleges and universities and reports these data in *Open Doors*. All of the regionally accredited institutions in the *Education Directory, Colleges, and Universities* published by NCES are surveyed by IIE. The data presented in the *Digest* are drawn from the IIE survey that requests the total enrollment of foreign students in an institution and information on student characteristics, such as country of origin. For the 2001–02 survey, over 90 percent of the 2,700 institutions surveyed reported data.

Additional information can be obtained from the publication *Open Doors* or by contacting:

Deborah Gardner
Hey-kyung Koh
Institute of International Education
809 United Nations Plaza
New York, NY 10017–3580
<http://opendoors.iienetwork.org/>

National Association of College and University Business Officers

The National Association of College and University Business Officers (NACUBO) is a nonprofit professional organization representing chief administrative and financial officers at more than 2,100 colleges and universities across the country. Over two-thirds of all institutions of higher learning in the United States are members of NACUBO. Each year TIAA–CREF Trust Company, a pension system for educators and a manager of college endowments, conducts an in-depth study of college and university endowments for NACUBO, through its subsidiary, the Trust Company. Endowment assets for 2002 *NACUBO Endowment Study* participants are for the fiscal year ending June 30, 2002.

Endowments include stocks, bonds, cash, and real estate that colleges and universities receive as gifts. Colleges or universities receiving endowments may not spend the endowment principal, only investment

income derived from the principal. Quasi-endowments (year-end surplus assets that institutions choose to treat as permanent capital) may also be included in an investment pool's endowment composition. Also, because donors frequently stipulate that their gifts support specific programs at colleges and universities, the overall size of the endowment can be misleading in terms of available income to support the education of undergraduate students. For example, the income from an endowment gift to a medical school or law school may only be spent on those schools. In such cases, the income would not be available to support undergraduate education. Thus, at some research universities with extensive graduate and professional schools, as little as one-third of the institution's endowment may actually be available to generate income to support undergraduate programs and students.

Of the 654 responding higher education institutions, 207 were public institutions and 447 were independent colleges and universities. The survey was administered entirely in a Web-based format. Letters containing confidential access codes with information about the online survey were sent to 871 colleges and universities, including both NACUBO member and non-member institutions. Only a limited number of not-for-profit higher education institutions in the United States have endowments.

Further information on the *2002 NACUBO Endowment Study* may be obtained from:

National Association of College and University
Business Officers (NACUBO)
2501 M Street NW, Suite 400
Washington, DC 20037
<http://www.nacubo.org>

National Association of State Student Grant and Aid Programs

The National Association of State Student Grant and Aid Programs (NASSGAP) is an association of states with general programs of scholarship or grant assistance for undergraduate study. Executive officers responsible for grant program administration represent each state in the Association. The *33rd Annual Survey Report: 2001–02 Academic Year* is produced by the New York State Higher Education Services Corporation, and data are reported for all 50 states, the District of Columbia, and Puerto Rico.

Further information on the *33rd Annual Survey Report: 2001–02 Academic Year* may be obtained from:

Linda Hughes
New York State Higher Education Services
Corporation
99 Washington Avenue, Room 1438
Albany, NY 12255
Attention: NASSGAP
<http://www.nassgap.org/researchsurveys>

National Education Association

The National Education Association (NEA) reports enrollment, expenditure, revenue, graduate, teacher, and instructional staff salary data in its annual publication, *Estimates of School Statistics*. Each year NEA prepares regression-based estimates of financial and other education statistics and submits them to the states for verification. Generally, about 30 states adjust these estimates based on their own data. These preliminary data are published by NEA along with revised data from previous years. States are asked to revise previously submitted data as final figures become available. The most recent publication contains all changes reported to the NEA.

Status of the American Public School Teacher

The *Status of the American Public School Teacher* survey is conducted every 5 years by the National Education Association (NEA). The survey was designed by the NEA Research Division and initially administered in 1956. The intent of the survey is to solicit information covering various aspects of public school teachers' professional, family, and civic lives.

In the 2000–01 survey, 1,467 public school teachers responded and the response rate was 67.4 percent.

Possible sources of nonsampling errors are non-responses, misinterpretation, and—when comparing data over years—changes in the sampling method and instrument. Misinterpretation of the survey items should be minimal, as the sample responding is not from the general population, but one knowledgeable about the area of concern. Also, the sampling procedure changed after 1956 and some wording of items has changed over the different administrations.

Since sampling is used, sampling variability is inherent in the data. An approximation to the maximum standard error for estimating the population percentages is 1.4 percent. Approximations for significance for other comparisons appear on Appendix table A–9. To estimate the 95 percent confidence interval for

population percentages, the maximum standard error of 1.4 percent is multiplied by 2 (1.4 x 2). The resulting percentage (2.8) is added and subtracted from the population estimate to establish upper and lower bounds for the confidence interval. For example, if a sample percentage is 60 percent, there is a 95 percent chance that the population percentage lies between 57.2 percent and 62.8 percent (60 percent \pm 2.8 percent).

Further information on *Status of the American Public School Teacher* may be obtained from:

Brooke E. Whiting
National Education Association—Research
1201 16th Street NW
Washington, DC 20036
<http://www.nea.org>

Organization for Economic Cooperation and Development

Education at a Glance

The Organization for Economic Cooperation and Development (OECD) publishes analyses of national policies and surveyed data in education, training, and economics in about 30 countries. The countries surveyed are: Australia, Austria, Belgium, Canada, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Korea, Luxembourg, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, Slovak Republic, Spain, Sweden, Switzerland, Turkey, United Kingdom, and the United States. In addition to these OECD countries, a number of other countries are participating in the related World Education Indicators (WEI) project including: Argentina, Brazil, Chile, China, Egypt, Indonesia, Israel, Jordan, Malaysia, Paraguay, Peru, Philippines, Russian Federation, Thailand, Tunisia, Uruguay, and Zimbabwe.

In the past several years, OECD has revised its data collection procedures to highlight current education issues and improve data comparability. The Centre for Educational Research and Innovation (CERI) has developed an Indicators of Education Systems (INES) project involving representatives of the OECD countries and the OECD Secretariat to improve international education statistics. Improvements in data quality and comparability among OECD countries have resulted from the country-to-country interaction sponsored through the INES and WEI projects. The most recent publication in this series is *Education at a Glance, OECD Indicators, 2003*.

Documentation for the enrollment, degree, staff, and finance data appearing in *Education at a Glance, OECD Indicators* has been published in *OECD Handbook for Internationally Comparative Education*

Statistics: Concepts, Standards, Definitions and Classifications. This publication provides countries with specific guidance on how to prepare information for OECD education surveys. Chapter 6 of the *OECD Handbook for Internationally Comparative Education Statistics* contains a discussion of data quality issues.

Further information on INES may be obtained from:

Andreas Schleicher
INES/OECD
2, rue Andre-Pascal
75775 Paris CEDEX 16
France
Andreas.SCHLEICHER@oecd.org
<http://www.oecd.org/>

Program for International Student Assessment

The Program for International Student Assessment (PISA) is a new system of international assessments that focus on 15-year-olds' capabilities in reading literacy, mathematics literacy, and science literacy. PISA also includes measures of general or cross-curricular competencies such as learning strategies. PISA emphasizes functional skills that students have acquired as they near the end of mandatory schooling. PISA is organized by the Organization for Economic Cooperation and Development (OECD), an intergovernmental organization of industrialized countries, and was administered for the first time in 2000, when 32 countries participated. In 2003, 42 countries agreed to take part in the assessment.

PISA is a paper-and-pencil exam that is designed to assess 15-year-olds' capabilities in reading, mathematics, and science literacy. Each student takes a two-hour assessment. Assessment items include a combination of multiple-choice and open-ended questions that require students to come up with their own response. PISA scores are reported on a scale with a mean score of 500 and a standard deviation of 100.

PISA will be implemented on a 3 year cycle that began in 2000. Each PISA assessment cycle focuses on one subject in particular, although all 3 subjects are assessed every 3 years. In the first cycle, PISA 2000, reading literacy is the major focus, occupying roughly two-thirds of assessment time. For 2003, PISA is focusing on mathematics literacy as well as the ability of students to solve problems in real-life settings. In 2006, PISA will focus on science literacy.

The intent of PISA reporting is to provide an overall description of performance in reading literacy, mathematics literacy, and science literacy every 3 years, and to provide a more detailed look at each domain in the years when it is the major focus.

These cycles will allow countries to compare changes in trends for each of the three subject areas over time.

To implement PISA, each of the participating countries selects a nationally representative sample of 15-year-olds, regardless of grade level. In the United States, nearly 4,000 students from public and non-public schools took the PISA 2000 assessment.

In each country, the assessment is translated into the primary language of instruction; in the United States, all materials are written in English.

Further information on PISA may be obtained from:

Mariann Lemke
International Studies Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Mariann.Lemke@ed.gov
<http://nces.ed.gov/surveys/pisa/>

Research Associates

Research Associates annually compiles the Higher Education Price Index (HEPI), which measures average changes in prices of goods and services purchased by colleges and universities through educational and general expenditures. Sponsored research and auxiliary enterprises are not priced by HEPI.

HEPI is based on the prices (or salaries) of faculty and of administrators and other professional service personnel; clerical, technical, service, and other non-professional personnel; and contracted services, such as data processing, communication, transportation, supplies and materials, equipment, books and periodicals, and utilities. These represent the items purchased for current operations by colleges and universities. Prices for these items are obtained from salary surveys conducted by various national higher education associations, the American Association of University Professors, the Bureau of Labor Statistics, and the National Center for Education Statistics; and from components of the Consumer Price Index (CPI) and the Producer Price Index (PPI) published by the U.S. Department of Labor, Bureau of Labor Statistics.

The quantities of these goods and services have been kept constant based on the 1971–72 buying pattern of colleges and universities. The weights assigned the various items priced, which represent their relative importance in the current-fund educational and general budget, are estimated national averages. Variance in spending patterns of individual institutions from these national averages reduces only slightly the applicability of the HEPI to any given in-

stitutional situation. Modest differences in the weights attached to expenditure categories have little effect on overall index values. This is because the HEPI is dominated by the trend in faculty salaries and similar salary trends for other personnel hired by institutions, which absorbs or diminishes the effects of price changes in other items purchased in small quantities.

Further information on HEPI may be obtained from:

Kent Halstead
Research Associates
1200 North Nash Street, #225
Arlington, VA 22209
<http://www.rschassoc.com/inflation.html>

United Nations Educational, Scientific, and Cultural Organization

The United Nations Educational, Scientific, and Cultural Organization (UNESCO) conducts annual surveys of education statistics of its member countries. Besides official surveys, data are supplemented by information obtained by UNESCO through other publications and sources. Each year, more than 200 countries reply to the UNESCO surveys. In some cases, estimates are made by UNESCO for particular items such as world and continent totals. While great efforts are made to make them as comparable as possible, the data still reflect the vast differences among the countries of the world in the structure of education. While there is some agreement about the reporting of primary and secondary data, the tertiary-level data (postsecondary education) present numerous substantive problems. Some countries report only university enrollment while other countries report all postsecondary enrollment, including vocational and technical schools and correspondence programs. A very high proportion of some countries' tertiary-level students attend institutions in other countries. The member countries that provide data to UNESCO are responsible for their validity. Thus, data for particular countries are subject to nonsampling error and perhaps sampling error as well. Users should examine footnotes carefully to recognize some of the data limitations.

Further information on the *Statistical Yearbook* may be obtained from:

UNESCO Institute for Statistics
C.P. 6128
Succursale Centre-Ville
Montreal, Quebec, H3C 3J7
Canada
<http://www.uis.unesco.org>

Table A-1. Respondent counts for selected High School and Beyond surveys: 1982, 1984, and 1986

Classification variable and subgroup	Follow-up survey of 1980 sophomores in 1982	Follow-up survey of 1980 seniors in 1982	Follow-up survey of 1980 sophomores in 1984	Follow-up survey of 1980 seniors in 1984	Follow-up survey of 1980 sophomores in 1986	Follow-up survey of 1980 seniors in 1986
Total respondents (unweighted)	25,830	11,227	11,463	10,925	11,248	10,536
Sex						
Male	12,717	5,213	5,514	5,058	5,391	4,832
Female	13,113	6,014	5,949	5,867	5,857	5,704
Race/ethnicity						
White, non-Hispanic	17,295	5,180	7,285	5,057	7,194	5,246
Black, non-Hispanic	3,338	2,724	1,651	2,625	1,585	2,726
Hispanic	4,439	2,749	1,795	2,654	1,745	1,950
Asian or Pacific Islander	413	367	425	355	413	356
American Indian or Alaska Native	248	191	253	185	246	200
Other or unclassified	97	16	54	49	65	58
Socioeconomic status composite (SES)¹						
Low	6,752	3,940	2,831	3,857	2,751	3,668
Low-middle	6,234	2,390	2,624	2,314	2,559	2,289
High-middle	6,134	2,168	2,849	2,107	2,817	1,995
High	6,341	1,988	3,086	1,936	3,044	1,900
Unclassified	369	741	73	711	77	684
Father's highest level of education						
Less than high school	5,179	—	—	—	—	—
High school completion ²	11,961	—	—	—	—	—
College graduate ³	5,169	—	—	—	—	—
Don't know/missing	3,521	—	—	—	—	—
High school program (self-reported)						
Academic	10,152	4,145	6,547	4,007	—	3,899
General	8,789	3,829	3,468	3,764	—	3,602
Vocational	6,664	2,660	3,611	2,581	—	2,481
Unclassified	225	593	56	573	—	554
High school type						
Public	—	9,969	8,647	9,727	—	9,385
Catholic	—	964	2,479	911	—	876
Other private	—	294	337	287	—	275
Postsecondary education status⁴						
Full-time	—	—	4,466	—	—	—
Part-time	—	—	3,275	—	—	—
Never enrolled	—	—	3,678	—	—	—
Missing/unclassified	—	—	44	—	—	—
October 1980 postsecondary education attendance status						
Part-time 2-year public institution	—	—	—	—	—	352
Part-time 4-year public institution	—	—	—	—	—	152
Full-time 2-year public institution	—	—	—	—	—	1,312
Full-time 4-year public institution	—	—	—	—	—	1,986
Full-time 4-year private institution	—	—	—	—	—	1,015
Not a student	—	—	—	—	—	4,523
Other and missing	—	—	—	—	—	1,196
Postsecondary education plans						
No plans	—	—	—	—	—	1,623
Attend vocational/technical school	—	—	—	—	—	1,835
Attend college less than four years	—	—	—	—	—	1,528
Earn bachelor's degree	—	—	—	—	—	2,631
Earn advanced degree	—	—	—	—	—	2,265
Missing	—	—	—	—	—	654
Participation in high school extracurricular activities⁵						
Never participated	—	—	—	—	—	1,024
Participated as a member	—	—	—	—	—	4,104
Participated as a leader	—	—	—	—	—	4,457

—Not available.

¹ The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and presence of certain items in the respondent's household.

² Includes attendance at a vocational, trade, or business school, or 2-year college; or attendance at a 4-year college resulting in less than a bachelor's degree.

³ Includes those with a bachelor's or higher level degree.

⁴ Postsecondary education status was determined by students' enrollment in academic or vocational study during the four semesters—fall 1982, spring 1983, fall 1983, and spring 1984—following their scheduled high school graduation. Students who enrolled in full-time study in each of the four semesters were classified as full time. Students who were enrolled in part-time study in any of the four semesters and those who were enrolled in full-time study in fewer than four semesters were classified as part time. Students who had neither enrolled on a full-time nor part-time basis in each of the four semesters were classified as never enrolled.

Students who had neither enrolled on a full-time nor part-time basis in each of the four semesters were classified as never enrolled.

⁵ Responses to questions concerning participation in each of 15 different extracurricular activity areas (i.e., varsity sports, debate, band, subject-matter clubs, etc.) were used to classify students' overall level of participation in extracurricular activities. The difference between the sum of the three category respondent counts and the total sample size is due to missing data.

NOTE: Data from students who dropped out of school between the 10th and 12th grades were not used in analyses of sophomore samples.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond Longitudinal Study of 1980 Sophomores, (HS&B-So:80/82), (HS&B-So:80/84), and (HS&B-So:80/86); and High School and Beyond Longitudinal Study of 1980 Seniors, (HS&B-Sr:80/82), (HS&B-Sr:80/84), and (HS&B-Sr:80/86).

Table A-2. Design effects (DEFF) and root design effects (DEFT) for selected High School and Beyond surveys and subsamples: 1984 and 1986

Classification variable and subgroup	Follow-up survey of 1980 sophomores in 1984	Follow-up survey of 1980 seniors in 1984	Follow-up survey of 1980 sophomores in 1986	Follow-up survey of 1980 seniors in 1986
Total sample	2.40 (1.54)	2.87 (1.69)	2.19 (1.47)	2.28 (1.50)
Sex				
Male	—	—	2.07 (1.43)	2.13 (1.45)
Female	—	—	2.06 (1.43)	2.26 (1.50)
Race/ethnicity				
White and other	2.06 (1.42)	2.09 (1.44)	1.92 (1.38)	1.70 (1.30)
Black	2.22 (1.47)	2.26 (1.50)	2.19 (1.47)	2.40 (1.54)
Hispanic	3.15 (1.73)	3.72 (1.92)	3.11 (1.76)	4.06 (2.01)
Socioeconomic status composite (SES) ¹				
Low	1.91 (1.37)	2.28 (1.50)	1.83 (1.35)	2.31 (1.51)
Middle	1.95 (1.39)	1.81 (1.34)	2.06 (1.42)	2.02 (1.42)
High	2.05 (1.42)	1.93 (1.38)	1.92 (1.38)	1.71 (1.30)

—Not available.

¹The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and presence of certain items in the respondent's household.

NOTE: The average design effect for the 1980 sophomore cohort first follow-up (1982) survey is 3.59 (1.89) and the average design effect for the 1980 senior first follow-up (1982) survey is 2.64 (1.62).

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond Longitudinal Study of 1980 Sophomores, (HS&B-So:80/84) and (HS&B-So:80/86); High School and Beyond Longitudinal Study of 1980 Seniors, (HS&B-Sr:80/84) and (HS&B-Sr:80/86).

Table A-3. Respondent counts for the National Education Longitudinal Study: 1988, 1990, and 1992

Classification variable and subgroup	Base Year, 1988	First Follow-up, 1990	Second Follow-up, 1992
Total respondents (unweighted)	24,599	20,706	21,188
Sex			
Male	12,241	10,462	10,713
Female	12,358	10,244	10,475
Race/ethnicity			
White, non-Hispanic	16,317	13,837	14,024
Black, non-Hispanic	3,009	2,218	2,260
Hispanic	3,171	2,751	2,922
Asian or Pacific Islander	1,527	1,302	1,406
American Indian or Alaska Native	299	259	266
Other or unclassified	276	399	310
Socioeconomic status composite (SES) ¹			
Low	5,934	4,556	4,395
Low-middle	5,788	4,472	4,501
High-middle	5,836	4,378	4,516
High	7,030	5,262	5,437
Unclassified	11	2,038	2,339
High school program (self-reported)			
Academic	†	6,420	7,567
General	†	7,990	6,125
Vocational	†	1,806	1,911
Unclassified	†	4,490	5,585
High school type			
Public	†	16,813	15,145
Catholic	†	1,012	934
Other private	†	1,602	1,530
Not enrolled	†	1,043	2,725
Missing	†	236	854
Postsecondary education plans			
No plans	2,685	2,483	2,646
Attend vocational/technical school	2,102	2,323	2,072
Attend college less than 4 years	3,078	3,074	2,457
Earn bachelor's degree	10,251	5,874	5,631
Earn advanced degree	6,268	5,269	5,580
Missing	215	1,683	2,802
School academic clubs and extracurricular activities			
Never participated	21,516	15,292	17,117
Participated as a member	2,798	5,144	3,355
Participated as a leader	285	270	716

† Not applicable.

¹The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and mother's occupation.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The National Longitudinal Study of 1988 (NELS:88), "Base Year, Student Survey, 1988," "First Follow-up, Student Survey, 1990," and "Second Follow-up, Student Survey, 1992."

Table A-4. Design effects (DEFF) and root design effects (DEFT) for selected National Education Longitudinal Study samples: 1988, 1990, and 1992

Subsample characteristic	Base year, 1988		First Follow-up, 1990		Second Follow-up, 1992	
	Mean DEFF	Mean DEFT	Mean DEFF	Mean DEFT	Mean DEFF	Mean DEFT
All students	2.54	1.56	3.802	1.912	3.668	1.881
Dropouts	†	†	4.705	1.997	2.919	1.686
Sex						
Male	1.98	1.39	3.456	1.817	3.094	1.729
Female	1.93	1.38	3.324	1.783	3.238	1.785
Race/ethnicity						
White and other	2.25	1.48	3.101	1.729	3.084	1.737
Black	1.65	1.27	3.804	1.867	2.938	1.654
Hispanic	2.06	1.41	2.643	1.591	2.772	1.626
Asian/Pacific Islander	2.00	1.40	2.758	1.609	2.511	1.562
American Indian/Alaska Native	—	—	2.066	1.362	3.292	1.687
Socioeconomic status composite (SES) ¹						
Low	1.58	1.25	2.797	1.644	2.931	1.680
Middle	1.66	1.28	3.138	1.732	2.516	1.569
High	1.84	1.34	3.576	1.817	3.849	1.921
High school type						
Public	2.27	1.48	3.147	1.736	3.116	1.733
Catholic	2.70	1.59	2.619	1.513	2.545	1.564
Other private	8.80	1.83	6.529	2.391	6.049	2.334
Community type						
Urban	—	—	3.463	1.842	3.742	1.897
Suburban	—	—	3.412	1.788	2.998	1.705
Rural	—	—	2.634	1.571	3.311	1.687

—Not available.

† Not applicable.

¹ The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and mother's occupation.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The National Longitudinal Study of 1988 (NELS:88), "Base Year, Student Survey, 1988," "First Follow-up, Student Survey 1990," and "Second Follow-up, Student Survey, 1992."

Table A-5. Respondent counts of full-time workers from the Recent College Graduates survey: 1976 to 1991

Field of study	Number employed full time				
	1974-75 graduates in May 1976	1979-80 graduates in May 1981	1983-84 graduates in April 1985	1985-86 graduates in April 1987	1989-90 graduates in April 1991
Total respondents (unweighted)	2,464	5,521	6,799	15,024	9,451
Professions	1,840	4,260	3,730	8,987	3,825
Arts and sciences	514	811	2,586	4,869	2,256
Other	110	450	483	1,168	3,370
Newly qualified to teach	1,337	2,469	1,109	2,546	1,966
Not newly qualified to teach	1,127	3,052	5,690	12,478	7,485
Professions	601	1,841	2,809	7,043	2,549
Engineering	80	270	601	915	411
Business and management	290	749	1,532	2,407	1,598
Health	72	252	387	3,106	281
Education ¹	141	464	146	521	188
Public affairs and services	18	106	143	94	71
Arts and sciences	433	770	2,430	4,369	2,006
Biological sciences	83	116	243	380	179
Physical sciences and mathematics	40	103	1,062	1,782	466
Psychology	64	105	189	366	316
Social sciences	107	252	449	780	813
Humanities	139	194	487	1,061	232
Other	93	441	451	1,066	2,930
Communications	7	73	240	392	217
Miscellaneous	86	368	211	674	2,713

¹ Includes those who had not finished all requirements for teaching certification or were previously qualified to teach.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Recent College Graduates (RCG) surveys, 1976, 1981, 1985, 1987, and 1991.

Table A-6. Standard errors for the proportion of seniors who had used drugs in the previous 12 months: 1975 to 1997

Drug	1975	1980	1985	1990	1991	1992	1993	1994	1995	1996	1997
Alcohol	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
Marijuana/hashish	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4
Any illicit drug other than marijuana	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
LSD	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Cocaine	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2

SOURCE: University of Michigan, Survey Research Center, Institute for Social Research, *Monitoring the Future Study, 1975 through 1997*.

Table A-7. Sampling errors (95 percent confidence level) for percentages estimated from the Gallup Poll: 1992 and 1993

Percent	Size of sample						
	1,500	1,000	750	600	400	200	100
	Recommended allowance for sampling error of a percentage						
Percentages near 10 or 90	2	2	3	3	4	5	8
Percentages near 20 or 80	3	3	4	4	5	7	10
Percentages near 30 or 70	3	4	4	5	6	8	12
Percentages near 40 or 60	3	4	5	5	6	9	12
Percentages near 50	3	4	5	5	6	9	13

SOURCE: Phi Delta Kappa, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools, 1993."

Table A-8. Sampling errors (95 percent confidence level) for the difference in 2 percentages estimated from the Gallup Poll: 1992 and 1993

Size of sample	Size of sample					
	1,500	1,000	750	600	400	200
	Recommended allowance for sampling error of a difference in percentages (percentages near 80 or 20)					
1,500	4	4	5	5	6	8
1,000	4	5	5	5	6	8
750	5	5	5	6	6	8
600	5	5	6	6	7	8
400	6	6	6	7	7	9
200	8	8	8	8	9	10
	Recommended allowance for sampling error of a difference in percentages (percentages near 50)					
1,500	5	5	6	6	7	10
1,000	5	6	6	7	8	10
750	6	6	7	7	8	10
600	6	7	7	7	8	10
400	7	8	8	8	9	11
200	10	10	10	10	11	13

SOURCE: Phi Delta Kappa, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools, 1993."

Table A-9. Maximum differences required for significance (90 percent confidence level) between sample subgroups from the "Status of the American Public School Teacher" survey: 2000-01

Size of one subgroup	Size of other subgroup						
	100	200	300	400	500	600	700
100	11.6	10.1	9.5	9.2	9.0	8.9	8.8
200	10.1	8.2	7.5	7.1	6.9	6.7	6.6
300	9.5	7.5	6.7	6.3	6.0	5.8	5.7
400	9.2	7.1	6.3	5.8	5.5	5.3	5.2
500	9.0	6.9	6.0	5.5	5.2	5.0	4.8
600	8.9	6.7	5.8	5.3	5.0	4.7	4.6
700	8.8	6.6	5.7	5.2	4.8	4.6	4.4

SOURCE: National Education Association, *Status of the American Public School Teacher, 2000-01*. (Copyright © 2003 by the National Education Association. All rights reserved.)

Appendix B

Definitions

Academic support This category of college expenditures includes expenditures for support services that are an integral part of the institution's primary missions of instruction, research, or public service. Includes expenditures for libraries, galleries, audio/visual services, academic computing support, ancillary support, academic administration, personnel development, and course and curriculum development.

Achievement test An examination that measures the extent to which a person has acquired certain information or mastered certain skills, usually as a result of specific instruction.

Administrative support staff Includes personnel dealing with salary, benefits, supplies, and contractual fees for the office of the principal, full-time department chairpersons, and graduation expenses.

Agriculture Courses designed to improve competencies in agricultural occupations. Included is the study of agricultural production, supplies, mechanization and products, agricultural science, forestry, and related services.

American College Testing Program (ACT) The ACT assessment program measures educational development and readiness to pursue college-level coursework in English, mathematics, natural science, and social studies. Student performance on the tests does not reflect innate ability and is influenced by a student's educational preparedness.

Appropriation (federal funds) Budget authority provided through the congressional appropriation process that permits federal agencies to incur obligations and to make payments.

Appropriation (institutional revenues) An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

Associate degree A degree granted for the successful completion of a sub-baccalaureate program of studies, usually requiring at least 2 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work-study program.

Auxiliary enterprises This category includes those essentially self-supporting operations which exist to furnish a service to students, faculty, or staff, and which charge a fee that is directly related to, although not necessarily equal to, the cost of the service. Examples are residence halls, food services, college stores, and intercollegiate athletics.

Average daily attendance (ADA) The aggregate attendance of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered days in session.

Average daily membership (ADM) The aggregate membership of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered as days in session. The average daily membership for groups of schools having varying lengths of terms is the average of the average daily memberships obtained for the individual schools.

Bachelor's degree A degree granted for the successful completion of a baccalaureate program of studies, usually requiring at least 4 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work-study program.

Books Non-periodical printed publications bound in hard or soft covers, or in loose-leaf format, of at least 49 pages, exclusive of the cover pages; juvenile non-periodical publications of any length found in hard or soft covers.

Budget authority (BA) Authority provided by law to enter into obligations that will result in immediate or future outlays. It may be classified by the period of availability (1-year, multiple-year, no-year), by the timing of congressional action (current or permanent), or by the manner of determining the amount available (definite or indefinite).

Business Program of instruction that prepares individuals for a variety of activities in planning, orga-

nizing, directing, and controlling business office systems and procedures.

Capital outlay Funds for the acquisition of land and buildings; building construction, remodeling, and additions; the initial installation or extension of service systems and other built-in equipment; and site improvement. The category also encompasses architectural and engineering services including the development of blueprints.

Carnegie unit A standard of measurement that represents one credit for the completion of a 1-year course.

Catholic school A private school over which a Roman Catholic church group exercises some control or provides some form of subsidy. Catholic schools for the most part include those operated or supported by: a parish, a group of parishes, a diocese, or a Catholic religious order.

Central cities The largest cities, with 50,000 or more inhabitants, in a Metropolitan Statistical Area (MSA). A smaller city within a MSA may also qualify if it has at least 25,000 inhabitants or has a population of one-third or more of that of the largest city and a minimum population of 25,000. An exception occurs where two cities have contiguous boundaries and constitute, for economic and social purposes, a single community of at least 50,000, the smaller of which must have a population of at least 15,000.

Class size The membership of a class at a given date.

Classroom teacher A staff member assigned the professional activities of instructing pupils in self-contained classes or courses, or in classroom situations. Usually expressed in full-time equivalents.

Cohort A group of individuals that have a statistical factor in common, for example, year of birth.

College A postsecondary school which offers general or liberal arts education, usually leading to an associate, bachelor's, master's, doctor's, or first-professional degree. Junior colleges and community colleges are included under this terminology.

Combined elementary and secondary school A school which encompasses instruction at both the elementary and the secondary levels. Includes schools starting with grade 6 or below and ending with grade 9 or above.

Computer science A group of instructional programs that describes computer and information sciences, including computer programming, data processing, and information systems.

Constant dollars Dollar amounts that have been adjusted by means of price and cost indexes to eliminate inflationary factors and allow direct comparison across years.

Consumer, personal, and miscellaneous services

A group of instructional programs that describes the fundamental skills a person is normally thought to need in order to function productively in society. Some examples are child development, consumer education, and family relations.

Consumer Price Index (CPI) This price index measures the average change in the cost of a fixed market basket of goods and services purchased by consumers.

Consumption That portion of income which is spent on the purchase of goods and services rather than being saved.

Control of institutions A classification of institutions of elementary/secondary or higher education by whether the institution is operated by publicly elected or appointed officials (public control) or by privately elected or appointed officials and derives its major source of funds from private sources (private control).

Credit The unit of value, awarded for the successful completion of certain courses, intended to indicate the quantity of course instruction in relation to the total requirements for a diploma, certificate, or degree. Credits are frequently expressed in terms such as "Carnegie units," "semester credit hours," and "quarter credit hours."

Current dollars Dollar amounts that have not been adjusted to compensate for inflation.

Current expenditures (elementary/secondary)

The expenditures for operating local public schools, excluding capital outlay and interest on school debt. These expenditures include such items as salaries for school personnel, fixed charges, student transportation, school books and materials, and energy costs. Beginning in 1980-81, expenditures for state administration are excluded.

Current expenditures per pupil in average daily attendance

Current expenditures for the regular school term divided by the average daily attendance of full-time pupils (or full-time equivalency of pupils) during the term. See also Current expenditures and Average daily attendance.

Current-fund expenditures (higher education)

Money spent to meet current operating costs, including salaries, wages, utilities, student services, public

services, research libraries, scholarships and fellowships, auxiliary enterprises, hospitals, and independent operations. Excludes loans, capital expenditures, and investments.

Current-fund revenues (higher education) Money received during the current fiscal year from revenue which can be used to pay obligations currently due, and surpluses reappropriated for the current fiscal year.

Current Population Survey See Guide to Sources.

Degree-granting institutions Postsecondary institutions that are eligible for Title IV federal financial-aid programs and grant an associate's or higher degree. For an institution to be eligible to participate in Title IV financial-aid programs it must offer a program of at least 300 clock hours in length, have accreditation recognized by the U.S. Department of Education, have been in business for at least 2 years, and have signed a participation agreement with the Department.

Disabled Those children evaluated as having any of the following impairments, who because of these impairments need special education and related services. (These definitions apply specifically to data from the U.S. Office of Special Education and Rehabilitative Services presented in this publication.)

Deaf Having a hearing impairment which is so severe that the student is impaired in processing linguistic information through hearing (with or without amplification) and which adversely affects educational performance.

Deaf-blind Having concomitant hearing and visual impairments which cause such severe communication and other developmental and educational problems that the student cannot be accommodated in special education programs solely for deaf or blind students.

Hard of hearing Having a hearing impairment, whether permanent or fluctuating, which adversely affects the student's educational performance, but which is not included under the definition of "deaf" in this section.

Mentally retarded Having significantly subaverage general intellectual functioning, existing concurrently with defects in adaptive behavior and manifested during the developmental period, which adversely affects the child's educational performance.

Multihandicapped Having concomitant impairments (such as mentally retarded-blind, mentally retarded-orthopedically impaired, etc.), the com-

bination of which causes such severe educational problems that the student cannot be accommodated in special education programs solely for one of the impairments. Term does not include deaf-blind students, but does include those students who are severely or profoundly mentally retarded.

Orthopedically impaired Having a severe orthopedic impairment which adversely affects a student's educational performance. The term includes impairment resulting from congenital anomaly, disease, or other causes.

Other health impaired Having limited strength, vitality, or alertness due to chronic or acute health problems, such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes which adversely affects the student's educational performance.

Seriously emotionally disturbed Exhibiting one or more of the following characteristics over a long period of time, to a marked degree, and adversely affecting educational performance: an inability to learn which cannot be explained by intellectual, sensory, or health factors; an inability to build or maintain satisfactory interpersonal relationships with peers and teachers; inappropriate types of behavior or feelings under normal circumstances; a general pervasive mood of unhappiness or depression; or a tendency to develop physical symptoms or fears associated with personal or school problems. This term does not include children who are socially maladjusted, unless they also display one or more of the listed characteristics.

Specific learning disabled Having a disorder in one or more of the basic psychological processes involved in understanding or in using spoken or written language, which may manifest itself in an imperfect ability to listen, think, speak, read, write, spell, or do mathematical calculations. The term includes such conditions as perceptual handicaps, brain injury, minimal brain dysfunction, dyslexia, and developmental aphasia. The term does not include children who have learning problems which are primarily the result of visual, hearing, or environmental, cultural, or economic disadvantage.

Speech impaired Having a communication disorder, such as stuttering, impaired articulation, language impairment, or voice impairment, which adversely affects the student's educational performance.

Visually handicapped Having a visual impairment which, even with correction, adversely affects

the student's educational performance. The term includes partially seeing and blind children.

Disposable personal income Current income received by persons less their contributions for social insurance, personal tax, and nontax payments. It is the income available to persons for spending and saving. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by the government. See also Personal income.

Doctor's degree An earned degree carrying the title of Doctor. The Doctor of Philosophy degree (Ph.D.) is the highest academic degree and requires mastery within a field of knowledge and demonstrated ability to perform scholarly research. Other doctorates are awarded for fulfilling specialized requirements in professional fields, such as education (Ed.D.), musical arts (D.M.A.), business administration (D.B.A.), and engineering (D.Eng. or D.E.S.). Many doctor's degrees in academic and professional fields require an earned master's degree as a prerequisite. First-professional degrees, such as M.D. and D.D.S., are not included under this heading.

Educational and general expenditures The sum of current funds expenditures on instruction, research, public service, academic support, student services, institutional support, operation and maintenance of plant, and awards from restricted and unrestricted funds.

Educational attainment The highest grade of regular school attended and completed.

Elementary education/programs Learning experiences concerned with the knowledge, skills, appreciations, attitudes, and behavioral characteristics which are considered to be needed by all pupils in terms of their awareness of life within our culture and the world of work, and which normally may be achieved during the elementary school years (usually kindergarten through grade 8 or kindergarten through grade 6), as defined by applicable state laws and regulations.

Elementary school A school classified as elementary by state and local practice and composed of any span of grades not above grade 8. A preschool or kindergarten school is included under this heading only if it is an integral part of an elementary school or a regularly established school system.

Elementary/secondary school As reported in this publication, includes only regular schools (i.e., schools that are part of state and local school systems, and also most not-for-profit private elementary/secondary schools, both religiously affiliated and

nonsectarian). Schools not reported include subcollegiate departments of institutions of higher education, residential schools for exceptional children, federal schools for American Indians, and federal schools on military posts and other federal installations.

Employment Includes civilian, noninstitutional persons who: (1) worked during any part of the survey week as paid employees; worked in their own business, profession, or farm; or worked 15 hours or more as unpaid workers in a family-owned enterprise; or (2) were not working but had jobs or businesses from which they were temporarily absent due to illness, bad weather, vacation, labor-management dispute, or personal reasons whether or not they were seeking another job.

Endowment A trust fund set aside to provide a perpetual source of revenue from the proceeds of the endowment investments. Endowment funds are often created by donations from benefactors of an institution, who may designate the use of the endowment revenue. Normally, institutions or their representatives manage the investments, but they are not permitted to spend the endowment fund itself, only the proceeds from the investments. Typical uses of endowments would be an endowed chair for a particular department or for a scholarship fund. Endowment totals tabulated in this book also include funds functioning as endowments, such as funds left over from the previous year and placed with the endowment investments by the institution. These funds may be withdrawn by the institution and spent as current funds at any time. Endowments are evaluated by two different measures, book value and market value. Book value is the purchase price of the endowment investment. Market value is the current worth of the endowment investment. Thus, the book value of a stock held in an endowment fund would be the purchase price of the stock. The market value of the stock would be its selling price as of a given day.

Engineering Instructional programs that describe the mathematical and natural science knowledge gained by study, experience, and practice and applied with judgment to develop ways to utilize the materials and forces of nature economically for the benefit of mankind. Include programs that prepare individuals to support and assist engineers and similar professionals.

English A group of instructional programs that describes the English language arts, including composition, creative writing, and the study of literature.

Enrollment The total number of students registered in a given school unit at a given time, generally in the fall of a year.

Expenditures Charges incurred, whether paid or unpaid, which are presumed to benefit the current fiscal year. For elementary/secondary schools, these include all charges for current outlays plus capital outlays and interest on school debt. For institutions of higher education, these include current outlays plus capital outlays. For government, these include charges net of recoveries and other correcting transactions other than for retirement of debt, investment in securities, extension of credit, or as agency transactions. Government expenditures include only external transactions, such as the provision of perquisites or other payments in kind. Aggregates for groups of governments exclude intergovernmental transactions among the governments.

Expenditures per pupil Charges incurred for a particular period of time divided by a student unit of measure, such as average daily attendance or average daily membership.

Extracurricular activities Activities that are not part of the required curriculum and that take place outside of the regular course of study. As used here, they include both school-sponsored (e.g., varsity athletics, drama, and debate clubs) and community-sponsored (e.g., hobby clubs and youth organizations like the Junior Chamber of Commerce or Boy Scouts) activities.

Family A group of two persons or more (one of whom is the householder) related by birth, marriage, or adoption and residing together. All such persons (including related subfamily members) are considered as members of one family.

Federal funds Amounts collected and used by the federal government for the general purposes of the government. There are four types of federal fund accounts: the general fund, special funds, public enterprise funds, and intragovernmental funds. The major federal fund is the general fund, which is derived from general taxes and borrowing. Federal funds also include certain earmarked collections, such as those generated by and used to finance a continuing cycle of business-type operations.

Federal sources Includes federal appropriations, grants, and contracts, and federally-funded research and development centers (FFRDCs). Federally subsidized student loans and Pell Grants are not included.

First-professional degree A degree that signifies both completion of the academic requirements for beginning practice in a given profession and a level of professional skill beyond that normally required for a bachelor's degree. This degree usually is based on

a program requiring at least 2 academic years of work prior to entrance and a total of at least 6 academic years of work to complete the degree program, including both prior-required college work and the professional program itself. By NCES definition, first-professional degrees are awarded in the fields of dentistry (D.D.S. or D.M.D.), medicine (M.D.), optometry (O.D.), osteopathic medicine (D.O.), pharmacy (D.Pharm.), podiatric medicine (D.P.M.), veterinary medicine (D.V.M.), chiropractic (D.C. or D.C.M.), law (J.D.), and theological professions (M.Div. or M.H.L.).

First-professional enrollment The number of students enrolled in a professional school or program which requires at least 2 years of academic college work for entrance and a total of at least 6 years for a degree. By NCES definition, first-professional enrollment includes only students in certain programs. (See First-professional degree for a list of programs.)

Fiscal year The yearly accounting period for the federal government, which begins on October 1 and ends on the following September 30. The fiscal year is designated by the calendar year in which it ends; e.g., fiscal year 1988 begins on October 1, 1987, and ends on September 30, 1988. (From fiscal year 1844 to fiscal year 1976, the fiscal year began on July 1 and ended on the following June 30.)

For-profit institution A private institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk.

Foreign languages A group of instructional programs that describes the structure and use of language that is common or indigenous to people of the same community or nation, the same geographical area, or the same cultural traditions. Programs cover such features as sound, literature, syntax, phonology, semantics, sentences, prose, and verse, as well as the development of skills and attitudes used in communicating and evaluating thoughts and feelings through oral and written language.

Full-time enrollment The number of students enrolled in higher education courses with total credit load equal to at least 75 percent of the normal full-time course load.

Full-time-equivalent (FTE) enrollment For institutions of higher education, enrollment of full-time students, plus the full-time equivalent of part-time students. The full-time equivalent of the part-time students is estimated using different factors depending on the type and control of institution and level of student.

Full-time instructional faculty Those members of the instruction/research staff who are employed full

time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave. Full time counts exclude faculty who are employed to teach less than two semesters, three quarters, two trimesters, or two 4-month sessions; replacements for faculty on sabbatical leave or those on leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale from civilian employees; academic officers, whose primary duties are administrative; and graduate students who assist in the instruction of courses.

Full-time worker In educational institutions, an employee whose position requires being on the job on school days throughout the school year at least the number of hours the schools are in session. For higher education, a member of an educational institution's staff who is employed full time.

General administration support services Includes salary, benefits, supplies, and contractual fees for boards of education staff and executive administration. Excludes state administration.

General Educational Development (GED) program Academic instruction to prepare persons to take the high school equivalency examination. See GED recipient.

GED recipient A person who has obtained certification of high school equivalency by meeting state requirements and passing an approved exam, which is intended to provide an appraisal of the person's achievement or performance in the broad subject matter areas usually required for high school graduation.

General program A program of studies designed to prepare students for the common activities of a citizen, family member, and worker. A general program of studies may include instruction in both academic and vocational areas.

Geographic region (1) One of four regions used by the Bureau of Economic Analysis of the U.S. Department of Commerce, the National Assessment of Educational Progress, and the National Education Association, as follows: (The National Education Association designated the Central region as Middle region in its classification.)

Northeast

Connecticut
Delaware
District of Columbia
Maine

Southeast

Alabama
Arkansas
Florida
Georgia

Maryland
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont

Central (Middle)

Illinois
Indiana
Iowa
Kansas
Michigan
Minnesota
Missouri
Nebraska
North Dakota
Ohio
South Dakota
Wisconsin

Kentucky
Louisiana
Mississippi
North Carolina
South Carolina
Tennessee
Virginia
West Virginia

West

Alaska
Arizona
California
Colorado
Hawaii
Idaho
Montana
Nevada
New Mexico
Oklahoma
Oregon
Texas
Utah
Washington
Wyoming

(2) One of the regions or divisions used by the U.S. Bureau of the Census in Current Population Survey tabulations, as follows:

Northeast

(*New England*)
Maine
New Hampshire
Vermont
Massachusetts
Rhode Island
Connecticut

(*Middle Atlantic*)

New York
New Jersey
Pennsylvania

Midwest

(*East North Central*)
Ohio
Indiana
Illinois
Michigan
Wisconsin

(*West North Central*)

Minnesota
Iowa
Missouri
North Dakota
South Dakota
Nebraska
Kansas

South

(*South Atlantic*)
Delaware
Maryland
District of Columbia
Virginia
West Virginia
North Carolina
South Carolina
Georgia
Florida

West

(*Mountain*)
Montana
Idaho
Wyoming
Colorado
New Mexico
Arizona
Utah
Nevada

(East South Central)

Kentucky
Tennessee
Alabama
Mississippi

(Pacific)

Washington
Oregon
California
Alaska
Hawaii

(West South Central)

Arkansas
Louisiana
Oklahoma
Texas

Government appropriation An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

Government grant or contract Revenues from a government agency for a specific research project or other program.

Graduate An individual who has received formal recognition for the successful completion of a prescribed program of studies.

Graduate enrollment The number of students who hold the bachelor's or first-professional degree, or the equivalent, and who are working towards a master's or doctor's degree. First-professional students are counted separately. These enrollment data measure those students who are registered at a particular time during the fall. At some institutions, graduate enrollment also includes students who are in postbaccalaureate classes, but not in degree programs. In specified tables, graduate enrollment includes all students in regular graduate programs and all students in postbaccalaureate classes, but not in degree programs (unclassified postbaccalaureate students).

Graduate Record Examination (GRE) Multiple-choice examinations administered by the Educational Testing Service and taken by college students who are intending to attend certain graduate schools. The tests are offered in a variety of subject areas. Ordinarily, a student will take only the exam that applies to the intended field of study.

Graduation Formal recognition given an individual for the successful completion of a prescribed program of studies.

Gross domestic product (GDP) The total national output of goods and services valued at market prices. GDP can be viewed in terms of expenditure categories which include purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are

largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values, the most important of which is rental value of owner-occupied housing. GDP, in this broad context, measures the output attributable to the factors of production—labor and property—supplied by U.S. residents.

Handicapped See Disabled.

Higher education Study beyond secondary school at an institution that offers programs terminating in an associate, baccalaureate, or higher degree.

Higher education institutions (Carnegie classification)

Doctoral Characterized by a significant level and breadth of activity in commitment to doctoral-level education as measured by the number of doctorate recipients and the diversity in doctoral-level program offerings.

Master's Characterized by diverse post-baccalaureate programs (including first-professional), but not engaged in significant doctoral-level education.

Baccalaureate Characterized by primary emphasis on general undergraduate, baccalaureate-level education. Not significantly engaged in postbaccalaureate education.

Specialized Baccalaureate or postbaccalaureate institution emphasizing one area (plus closely related specialties), such as business or engineering. The programmatic emphasis is measured by the percentage of degrees granted in the program area.

Associate of arts Conferring at least 75 percent of its degrees and awards for work below the bachelor's level.

Nondegree-granting Offering undergraduate or graduate study, but not conferring degrees or awards. In this volume, these institutions are included under Specialized.

Higher education institutions (basic classification)

4-year institution An institution legally authorized to offer and offering at least a 4-year program of college-level studies wholly or principally creditable toward a baccalaureate degree. In some tables, a further division between universities and other 4-year institutions is made. A "university" is a postsecondary institution which typically comprises one or more graduate professional schools (also see University). For purposes of trend com-

parisons in this volume, the selection of universities has been held constant for all tabulations after 1982. "Other 4-year institutions" would include the rest of the nonuniversity 4-year institutions.

2-year institution An institution legally authorized to offer and offering at least a 2-year program of college-level studies which terminates in an associate degree or is principally creditable toward a baccalaureate degree. Also includes some institutions that have a less than 2-year program, but were designated as institutions of higher education in the Higher Education General Information Survey.

Higher Education Price Index A price index which measures average changes in the prices of goods and services purchased by colleges and universities through current-fund education and general expenditures (excluding expenditures for sponsored research and auxiliary enterprises).

High school A secondary school offering the final years of high school work necessary for graduation, usually includes grades 10, 11, 12 (in a 6-3-3 plan) or grades 9, 10, 11, and 12 (in a 6-2-4 plan).

High school program A program of studies designed to prepare students for their postsecondary education and occupation. Three types of programs are usually distinguished—academic, vocational, and general. An academic program is designed to prepare students for continued study at a college or university. A vocational program is designed to prepare students for employment in one or more semiskilled, skilled, or technical occupations. A general program is designed to provide students with the understanding and competence to function effectively in a free society and usually represents a mixture of academic and vocational components.

Hispanic serving institutions pursuant to 302 (d) of Public Law 102-325 (20 U.S.C. 1059c), most recently amended December 20, 1993, in 2(a)(7) of Public Law 103-208, where Hispanic serving institutions are defined as those with full-time-equivalent undergraduate enrollment of Hispanic students at 25 percent or more.

Historically black colleges and universities Accredited institutions of higher education established prior to 1964 with the principal mission of educating black Americans. Federal regulations (20 USC 1061 (2)) allow for certain exceptions of the founding date.

Household All the persons who occupy a housing unit. A house, apartment, or other group of rooms, or a single room, is regarded as a housing unit when

it is occupied or intended for occupancy as separate living quarters, that is, when the occupants do not live and eat with any other persons in the structure, and there is direct access from the outside or through a common hall.

Housing unit A house, an apartment, a mobile home, a group of rooms, or a single room that is occupied as separate living quarters.

Imaginative writing This type of writing can take a variety of forms, such as stories, poems, plays, or lyrics. It represents a special approach to sharing experiences and understanding the world and ourselves. In this form of writing, special attention is given to rhythm and tone; the use of anecdote; the presence of metaphor and simile; shifts in plots; and the unexpected use of words, phrases, or punctuation.

Income tax Taxes levied on net income, that is, on gross income less certain deductions permitted by law. These taxes can be levied on individuals or on corporations or unincorporated businesses where the income is taxed distinctly from individual income.

Independent operations A group of self-supporting activities under control of a college or university. For purposes of financial surveys conducted by the National Center for Education Statistics, this category is composed principally of federally funded research and development centers (FFRDC).

Informative writing This type of writing is used to share information and to convey messages, directions, and ideas. It often involves reporting or retelling events or experiences that have already occurred.

Institutional support The category of higher education expenditures that includes day-to-day operational support for colleges, excluding expenditures for physical plant operations. Examples of institutional support include general administrative services, executive direction and planning, legal and fiscal operations, and community relations.

Instruction That category including expenditures of the colleges, schools, departments, and other instructional divisions of higher education institutions and expenditures for departmental research and public service which are not separately budgeted. Includes expenditures for both credit and noncredit activities. Excludes expenditures for academic administration where the primary function is administration (e.g., academic deans).

Instruction (elementary and secondary) Instruction encompasses all activities dealing directly with

the interaction between teachers and students. Teaching may be provided for students in a school classroom, in another location such as a home or hospital, and in other learning situations such as those involving co-curricular activities. Instruction may be provided through some other approved medium, such as television, radio, telephone, and correspondence. Instruction expenditures include: salaries, employee benefits, purchased services, supplies, and tuition to private schools.

Instructional staff Full-time-equivalent number of positions, not the number of different individuals occupying the positions during the school year. In local schools, includes all public elementary and secondary (junior and senior high) day-school positions that are in the nature of teaching or in the improvement of the teaching-learning situation. Includes consultants or supervisors of instruction, principals, teachers, guidance personnel, librarians, psychological personnel, and other instructional staff. Excludes administrative staff, attendance personnel, clerical personnel, and junior college staff.

Instructional support services Includes salary, benefits, supplies, and contractual fees for staff providing instructional improvement, educational media (library and audiovisual), and other instructional support services.

Junior high school A separately organized and administered secondary school intermediate between the elementary and senior high schools, usually includes grades 7, 8, and 9 (in a 6-3-3 plan) or grades 7 and 8 (in a 6-2-4 plan).

Labor force Persons employed as civilians, unemployed (but looking for work), or in the armed services during the survey week. The "civilian labor force" comprises all civilians classified as employed or unemployed.

Land-grant colleges The First Morrill Act of 1862 facilitated the establishment of colleges through grants of land or funds in lieu of land. The Second Morrill Act in 1890 provided for money grants and for the establishment of black land-grant colleges and universities in those states with dual systems of higher education.

Local education agency See School district.

Mandatory transfer A transfer of current funds that must be made in order to fulfill a binding legal obligation of the institution. Included under mandatory transfers are debt service provisions relating to academic and administrative buildings, including (1) amounts set aside for debt retirement and interest

and (2) required provisions for renewal and replacement of buildings to the extent these are not financed from other funds.

Master's degree A degree awarded for successful completion of a program generally requiring 1 or 2 years of full-time college-level study beyond the bachelor's degree. One type of master's degree, including the Master of Arts degree, or M.A., and the Master of Science degree, or M.S., is awarded in the liberal arts and sciences for advanced scholarship in a subject field or discipline and demonstrated ability to perform scholarly research. A second type of master's degree is awarded for the completion of a professionally oriented program, for example, an M.Ed. in education, an M.B.A. in business administration, an M.F.A. in fine arts, an M.M. in music, an M.S.W. in social work, and an M.P.A. in public administration. A third type of master's degree is awarded in professional fields for study beyond the first-professional degree, for example, the Master of Laws (L.L.M.) and Master of Science in various medical specializations.

Mathematics A group of instructional programs that describes the science of numbers and their operations, interrelations, combinations, generalizations, and abstractions and of space configurations and their structure, measurement, transformations, and generalizations.

Mean test score The score obtained by dividing the sum of the scores of all individuals in a group by the number of individuals in that group.

Metropolitan population The population residing in Metropolitan Statistical Areas (MSAs). See Metropolitan Statistical Area.

Metropolitan Statistical Area (MSA) A large population nucleus and the nearby communities which have a high degree of economic and social integration with that nucleus. Each MSA consists of one or more entire counties (or county equivalents) that meet specified standards pertaining to population, commuting ties, and metropolitan character. In New England, towns and cities, rather than counties, are the basic units. MSAs are designated by the Office of Management and Budget. An MSA includes a city and, generally, its entire urban area and the remainder of the county or counties in which the urban area is located. An MSA also includes such additional outlying counties which meet specified criteria relating to metropolitan character and level of commuting of workers into the central city or counties. Specified criteria governing the definition of MSAs recognized before 1980 are published in *Standard Metropolitan Statistical Areas: 1975*, issued by the Office of Man-

agement and Budget. New MSAs were designated when 1980 counts showed that they met one or both of the following criteria:

1. Included a city with a population of at least 50,000 within their corporate limits, or
2. Included a Census Bureau-defined urbanized area (which must have a population of at least 50,000) and a total MSA population of at least 100,000 (or, in New England, 75,000).

Migration Geographic mobility involving a change of usual residence between clearly defined geographic units, that is, between counties, states, or regions.

Minimum-competency testing Measuring the acquisition of competence or skills to or beyond a certain specified standard.

National Assessment of Educational Progress (NAEP) See Guide to Sources.

Newly qualified teacher Persons who: (1) first became eligible for a teaching license during the period of the study referenced or who were teaching at the time of survey, but were not certified or eligible for a teaching license; and (2) had never held full-time, regular teaching positions (as opposed to substitute) prior to completing the requirements for the degree which brought them into the survey.

Nonmetropolitan residence group The population residing outside Metropolitan Statistical Areas. See Metropolitan Statistical Area.

Nonresident alien A person who is not a citizen of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

Nonsupervisory instructional staff Persons such as curriculum specialists, counselors, librarians, remedial specialists, and others possessing education certification, but not responsible for day-to-day teaching of the same group of pupils.

Normal school A normal school was an institution which was engaged primarily in the preparation of teachers for positions in elementary and secondary schools. Prior to 1900, normal schools were often secondary schools with teacher training programs. During the early 20th century, normal schools gradually developed into higher education institutions.

Not-for-profit institution A private institution in which the individual(s) or agency in control receives no compensation other than wages, rent, or other expenses for the assumption of risk. Nonprofit institu-

tions may be either independent nonprofit (i.e., having no religious affiliation) or religiously affiliated.

Obligations Amounts of orders placed, contracts awarded, services received, or similar legally binding commitments made by federal agencies during a given period that will require outlays during the same or some future period.

Occupational home economics Courses of instruction emphasizing the acquisition of competencies needed for getting and holding a job or preparing for advancement in an occupational area using home economics knowledge and skills.

Occupied housing unit Separate living quarters with occupants currently inhabiting the unit.

Off-budget federal entities Organizational entities, federally owned in whole or in part, whose transactions belong in the budget under current budget accounting concepts, but that have been excluded from the budget totals under provisions of law.

Operation and maintenance services Includes salary, benefits, supplies, and contractual fees for supervision of operations and maintenance, operating buildings (heating, lighting, ventilating, repair, and replacement), care and upkeep of grounds and equipment, vehicle operations and maintenance (other than student transportation), security, and other operations and maintenance services.

Other foreign languages and literatures Any instructional program in foreign languages and literatures not described in table 253, including language groups and individual languages, such as the non-Semitic African languages, Native American languages, the Celtic languages, Pacific language groups, the Ural-Altaic languages, Basque, and others.

Other support services Includes salary, benefits, supplies, and contractual fees for business support services, central support services, and other support services not otherwise classified.

Other support services staff All staff not reported in other categories. This group includes media personnel, social workers, bus drivers, security, cafeteria workers, and other staff.

Outlays The value of checks issued, interest accrued on the public debt, or other payments made, net of refunds and reimbursements.

Part-time enrollment The number of students enrolled in higher education courses with a total credit load less than 75 percent of the normal full-time credit load.

Per capita income The mean income computed for every man, woman, and child in a particular group. It is derived by dividing the total income of a particular group by the total population in that group.

Personal income Current income received by persons from all sources, minus their personal contributions for social insurance. Classified as “persons” are individuals (including owners of unincorporated firms), nonprofit institutions serving individuals, private trust funds, and private noninsured welfare funds. Personal income includes transfers (payments not resulting from current production) from government and business such as social security benefits and military pensions, but excludes transfers among persons.

Persuasive writing This type of writing attempts to bring about some action or change. Its primary purpose is to influence others. It is concerned with the positions, beliefs, and attitudes of the readers.

Physical plant assets Includes the values of land, buildings, and equipment owned, rented, or utilized by colleges. Does not include those plant values which are a part of endowment or other capital fund investments in real estate. Excludes construction in progress.

Postbaccalaureate enrollment The number of graduate and first-professional students working towards advanced degrees and of students enrolled in graduate-level classes, but not enrolled in degree programs. See also Graduate enrollment and First-professional enrollment.

Postsecondary education The provision of formal instructional programs with a curriculum designed primarily for students who have completed the requirements for a high school diploma or equivalent. This includes programs of an academic, vocational, and continuing professional education purpose, and excludes a vocational and adult basic education programs.

Private school or institution A school or institution which is controlled by an individual or agency other than a state, a subdivision of a state, or the federal government, which is usually supported primarily by other than public funds, and the operation of whose program rests with other than publicly elected or appointed officials. Private schools and institutions include both not-for-profit and for-profit institutions.

Property tax The sum of money collected from a tax levied against the value of property.

Proprietary (for profit) institution A private institution in which the individual(s) or agency in control re-

ceives compensation other than wages, rent, or other expenses for the assumption of risk.

Public school or institution A school or institution controlled and operated by publicly elected or appointed officials and deriving its primary support from public funds.

Pupil/teacher ratio The enrollment of pupils at a given period of time, divided by the full-time-equivalent number of classroom teachers serving these pupils during the same period.

Racial/ethnic group Classification indicating general racial or ethnic heritage based on self-identification, as in data collected by the U.S. Bureau of the Census or on observer identification, as in data collected by the Office for Civil Rights. These categories are in accordance with the Office of Management and Budget standard classification scheme presented below:

White A person having origins in any of the original peoples of Europe, North Africa, or the Middle East. Normally excludes persons of Hispanic origin except for tabulations produced by the U.S. Bureau of the Census, which are noted accordingly in this volume.

Black A person having origins in any of the black racial groups in Africa. Normally excludes persons of Hispanic origin except for tabulations produced by the U.S. Bureau of the Census, which are noted accordingly in this volume.

Hispanic A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

Asian or Pacific Islander A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes, for example, China, India, Japan, Korea, the Philippine Islands, and Samoa.

American Indian or Alaska Native A person having origins in any of the original peoples of North America and maintaining cultural identification through tribal affiliation or community recognition.

Related children Related children in a family include own children and all other children in the household who are related to the householder by birth, marriage, or adoption.

Remedial education Instruction for a student lacking those reading, writing, or math skills necessary to perform college-level work at the level required by the attended institution.

Resident population Includes civilian population and armed forces personnel residing within the United States. Excludes armed forces personnel residing overseas.

Revenue All funds received from external sources, net of refunds, and correcting transactions. Noncash transactions, such as receipt of services, commodities, or other receipts in kind are excluded, as are funds received from the issuance of debt, liquidation of investments, and nonroutine sale of property.

Salary The total amount regularly paid or stipulated to be paid to an individual, before deductions, for personal services rendered while on the payroll of a business or organization.

Sales and services Revenues derived from the sales of goods or services that are incidental to the conduct of instruction, research, or public service. Examples include film rentals, scientific and literary publications, testing services, university presses, and dairy products.

Sales tax Tax imposed upon the sale and consumption of goods and services. It can be imposed either as a general tax on the retail price of all goods and services sold or as a tax on the sale of selected goods and services.

Scholarships and fellowships This category of college expenditures applies only to money given in the form of outright grants and trainee stipends to individuals enrolled in formal coursework, either for credit or not. Aid to students in the form of tuition or fee remissions is included. College work-study funds are excluded and are reported under the program in which the student is working. In the tabulations in this volume, Pell Grants are not included in this expenditure category.

Scholastic Assessment Test (SAT) An examination administered by the Educational Testing Service and used to predict the facility with which an individual will progress in learning college-level academic subjects.

School A division of the school system consisting of students in one or more grades or other identifiable groups and organized to give instruction of a defined type. One school may share a building with another school or one school may be housed in several buildings.

School administration support services Includes salary, benefits, supplies, and contractual fees for the office of the principal, full-time department chairpersons, and graduation expenses.

School climate The social system and culture of the school, including the organizational structure of the school and values and expectations within it.

School district An education agency at the local level that exists primarily to operate public schools or to contract for public school services. Synonyms are "local basic administrative unit" and "local education agency."

Science The body of related courses concerned with knowledge of the physical and biological world and with the processes of discovering and validating this knowledge.

Secondary enrollment The total number of students registered in a school beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12 at a given time.

Secondary instructional level The general level of instruction provided for pupils in secondary schools (generally covering grades 7 through 12 or 9 through 12) and any instruction of a comparable nature and difficulty provided for adults and youth beyond the age of compulsory school attendance.

Secondary school A school comprising any span of grades beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12. Both junior high schools and senior high schools are included.

Senior high school A secondary school offering the final years of high school work necessary for graduation.

Serial volumes Publications issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals, memoirs, proceedings, and transactions of societies.

Social studies A group of instructional programs that describes the substantive portions of behavior, past and present activities, interactions, and organizations of people associated together for religious, benevolent, cultural, scientific, political, patriotic, or other purposes.

Socioeconomic status (SES) For the High School and Beyond study and the National Longitudinal Study of the High School Class of 1972, the SES index is a composite of five equally weighted, standardized components: father's education, mother's education, family income, father's occupation, and household items. The terms high, middle, and low SES refer to the upper, middle two, and lower quartiles of the weighted SES composite index distribution.

Special education Direct instructional activities or special learning experiences designed primarily for

students identified as having exceptionalities in one or more aspects of the cognitive process or as being underachievers in relation to general level or model of their overall abilities. Such services usually are directed at students with the following conditions: (1) physically handicapped; (2) emotionally handicapped; (3) culturally different, including compensatory education; (4) mentally retarded; and (5) students with learning disabilities. Programs for the mentally gifted and talented are also included in some special education programs. See also Handicapped.

Standardized test A test composed of a systematic sampling of behavior, administered and scored according to specific instructions, capable of being interpreted in terms of adequate norms, and for which there are data on reliability and validity.

Standardized test performance The weighted distributions of composite scores from standardized tests used to group students according to performance.

Standard Metropolitan Statistical Area (SMSA) See Metropolitan Statistical Area (MSA).

Student An individual for whom instruction is provided in an educational program under the jurisdiction of a school, school system, or other education institution. No distinction is made between the terms "student" and "pupil," though "student" may refer to one receiving instruction at any level while "pupil" refers only to one attending school at the elementary or secondary level. A student may receive instruction in a school facility or in another location, such as at home or in a hospital. Instruction may be provided by direct student-teacher interaction or by some other approved medium such as television, radio, telephone, and correspondence.

Student support services Includes salary, benefits, supplies, and contractual fees for staff providing attendance and social work, guidance, health, psychological services, speech pathology, audiology, and other support to students.

Subject-matter club Organizations that are formed around a shared interest in a particular area of study and whose primary activities promote that interest. Examples of such organizations are math, science, business, and history clubs.

Supervisory staff Principals, assistant principals, and supervisors of instruction. Does not include superintendents or assistant superintendents.

Tax base The collective value of objects, assets, and income components against which a tax is levied.

Tax expenditures Losses of tax revenue attributable to provisions of the federal income tax laws that allow a special exclusion, exemption, or deduction from gross income or provide a special credit, preferential rate of tax, or a deferral of tax liability affecting individual or corporate income tax liabilities.

Technical education A program of vocational instruction that ordinarily includes the study of the sciences and mathematics underlying a technology, as well as the methods, skills, and materials commonly used and the services performed in the technology. Technical education prepares individuals for positions—such as draftsman or lab technician—in the occupational area between the skilled craftsman and the professional person.

Total expenditure per pupil in average daily attendance Includes all expenditures allocable to per pupil costs divided by average daily attendance. These allocable expenditures include current expenditures for regular school programs, interest on school debt, and capital outlay. Beginning in 1980–81, expenditures for state administration are excluded and expenditures for other programs (summer schools, community colleges, and private schools) are included.

Trade and industrial occupations The branch of vocational education which is concerned with preparing persons for initial employment or with updating or retraining workers in a wide range of trade and industrial occupations. Such occupations are skilled or semiskilled and are concerned with layout designing, producing, processing, assembling, testing, maintaining, servicing, or repairing any product or commodity.

Transcript An official list of all courses taken by a student at a school or college showing the final grade received for each course, with definitions of the various grades given at the institution.

Trust funds Amounts collected and used by the federal government for carrying out specific purposes and programs according to terms of a trust agreement or statute, such as the social security and unemployment trust funds. Trust fund receipts that are not anticipated to be used in the immediate future are generally invested in interest-bearing government securities and earn interest for the trust fund.

Tuition and fees A payment or charge for instruction or compensation for services, privileges, or the use of equipment, books, or other goods.

Unclassified students Students who are not candidates for a degree or other formal award, although

they are taking higher education courses for credit in regular classes with other students.

Unadjusted dollars See *current dollars*.

Undergraduate students Students registered at an institution of higher education who are working in a program leading to a baccalaureate degree or other formal award below the baccalaureate, such as an associate degree.

Unemployed Civilians who had no employment but were available for work and: (1) had engaged in any specific job seeking activity within the past 4 weeks; (2) were waiting to be called back to a job from which they had been laid off; or (3) were waiting to report to a new wage or salary job within 30 days.

U.S. Service Schools These institutions of higher education are controlled by the U.S. Department of Defense and the U.S. Department of Transportation. The 5 institutions counted in the NCES surveys of degree granting institutions include: the U.S. Air Force Academy, U.S. Coast Guard Academy, U.S. Merchant Marine Academy, U.S. Military Academy, and the U.S. Naval Academy.

University An institution of higher education consisting of a liberal arts college, a diverse graduate program, and usually two or more professional schools or faculties and empowered to confer degrees in various fields of study. For purposes of maintaining trend data in this publication, the selection of university institutions has not been revised since 1982.

Visual and performing arts A group of instructional programs that generally describes the historic development, aesthetic qualities, and creative processes of the visual and performing arts.

Vocational education Organized educational programs, services, and activities which are directly related to the preparation of individuals for paid or unpaid employment, or for additional preparation for a career, requiring other than a baccalaureate or advanced degree.

Vocational home economics Vocational courses of instruction emphasizing the acquisition of competencies needed for getting and holding a job or preparing for advancement in an occupational area using home economics knowledge or skills.

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