- a $\begin{aligned} & \text { NATIONAL CENTER FOR } \\ & \text { EDUCATION STATISIICS }\end{aligned}$

Institiots of Educotioniscionces
U.S. Department of Education NCES 2008-023

## Mini-Digest of Education Statistics 2007



## Suggested Citation:

Snyder, Thomas D. (2008). Mini-Digest of Education Statistics, 2007 (NCES 2008-023). National Center for Education Statistics, Institute of Educational Sciences, U.S. Department of Education. Washington, D.C.
U.S. Department of Education NCES 2008-023

## Mini-Digest of Education Statistics 2007

March 2008

Thomas D. Snyder
National Center for Education Statistics

U.S. Department of Education<br>Margaret Spellings, Secretary<br>Institute of Education Sciences<br>Grover J. Whitehurst, Director<br>National Center for Education Statistics<br>Mark Schneider, Commissioner

## The National Center for Education Statistics

The National Center for Education Statistics (NCES) is the primary federal entity for collecting, analyzing, and reporting data related to education in the United States and other nations. It fulfills a congressional mandate to collect, collate, analyze, and report full and complete statistics on the condition of education in the United States; conduct and publish reports and specialized analyses of the meaning and significance of such statistics; assist state and local education agencies in improving their statistical systems; and review and report on education activities in foreign countries.

> National Center for Education Statistics Institute of Education Sciences
> U.S. Department of Education 1990 K Street NW
> Washington, DC 20006-5651

March 2008
The NCES World Wide Web Home Page address is http://nces.ed.gov.

## Contents

## Page

Foreword ..... v
Overview ..... vi
The Structure of American Education ..... vii
Enrollment ..... 1
Elementary and Secondary Schools ..... 2
Public Schools ..... 2
Private Schools ..... 3
Projections ..... 4
Prekindergarten and Kindergarten Enrollment ..... 5
Enrollment Rates ..... 6
Enrollment, by Race and Ethnicity ..... 7
Enrollment in Programs for Children With Disabilities ..... 8
Degree-Granting Institutions ..... 9
College Enrollment ..... 9
Enrollment by Level and Attendance ..... 10
Enrollment Rates of 18 - to 24 -Year-Olds ..... 11
Enrollment by Sex and Age ..... 12
Enrollment by Race and Ethnicity ..... 13
Graduate School Enrollment ..... 14
First-Professional Enrollment ..... 15
Teachers, Faculty, and Staff ..... 17
Elementary and Secondary Schools ..... 18
Number of Teachers ..... 18
Teachers' Salaries ..... 20
Teacher Characteristics, Public Schools ..... 21
Teacher Characteristics, Private Schools ..... 22

## Page

Degree-Granting Institutions ..... 23
College Staff. ..... 23
Faculty Salaries for Males and Females ..... 24
Faculty Salaries for Public and Private Institutions ..... 25
Educational Outcomes ..... 27
Reading Performance ..... 28
Mathematics Performance ..... 29
Science Performance ..... 30
High School Coursetaking Patterns ..... 31
Graduates. ..... 33
Dropouts ..... 35
College Degrees ..... 36
Educational Attainment ..... 39
Finance ..... 41
Total Expenditures ..... 42
Public Elementary and Secondary Schools ..... 44
Revenues ..... 44
Expenditures ..... 46
Degree-Granting Institutions ..... 47
Revenues for Public Institutions ..... 47
Revenues for Private (not-for-profit) Institutions ..... 48
Revenues for Private (for-profit) Institutions ..... 49
Expenditures of Public Institutions ..... 50
Expenditures of Private (not-for-profit) Institutions ..... 51
Expenditures of Private (for-profit) Institutions. ..... 52
College Costs ..... 53
Financial Aid for Students ..... 54
Federal Funding ..... 56
Source Information ..... 58

## Foreword

Welcome to the 13th edition of the Mini-Digest of Education Statistics. The primary purpose of this publication is to provide a pocket-sized compilation of statistical information covering the broad field of American education from prekindergarten through graduate school. The statistical highlights provide a quantitative description of the current American education scene.

The Mini-Digest is designed as an easy reference for materials found in much greater detail in the Digest of Education Statistics, 2007.

These volumes include selections of data from many government sources, especially drawing on results of surveys and activities carried out by the National Center for Education Statistics (NCES). They include information on the number of schools and colleges, teachers, enrollments, and graduates, in addition to educational outcomes, finances, and federal funds for education. Unless otherwise stated, all data are extracted from the Digest of Education Statistics, 2007. Unless indicated as a projection or estimate, all data presented in this report are actual.

## Overview

In the fall of 2007 , about 83.5 million people in the United States were either enrolled or employed in public and private schools and colleges (Digest of Education Statistics, 2007, table 1). Included in this total were 73.7 million students enrolled in American schools and colleges. ${ }^{1}$ About 4.6 million people were employed as elementary and secondary school teachers and as college faculty and teaching assistants. Other professional, administrative, and support staff of educational institutions totaled 5.2 million. In a nation with a population of about 299 million in 2006, more than 1 out of every 4 people participated in formal education (Digest of Education Statistics, 2007, table 15).
For more information on education statistics please go to: http://nces.ed.gov. This website serves as your gateway to a rich source of data from the National Center for Education Statistics (NCES). A variety of information access tools help you find the education data you need, quickly and easily.

You can: (1) access nearly 2,000 publications and data products; (2) learn about the more than 40 NCES programs and surveys; (3) build your own tables using raw data from NCES surveys; (4) obtain information on individual schools, colleges, and libraries; and (5) explore Kids Zone with a child.

[^0]
## The Structure of American Education

Figure 1 shows the structure of education in the United States: the three levels of education-elementary, secondary, and postsecondary-and the approximate age range of people 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 early childhood programs and kindergarten. The elementary program is frequently followed by a middle school or junior high school program, which generally lasts 2 or 3 years. Students then may finish their compulsory schooling at the secondary or high school level, which may last from 3 to 6 years depending on the structure within their school district. Students normally complete the entire program through grade 12 by age 18 .

High school completers who decide to continue their education may enter a technical or vocational institution, a 2 -year college, a 4 -year college, or a 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.

The term "degree-granting institutions" used in this report refers to colleges and universities that offer associate's
or higher degrees and whose students are eligible to participate in Title IV federal financial aid programs.

An associate's degree requires the equivalent of at least 2 years of full-time college-level work, and a bachelor's degree normally can be earned in 4 years. At least 1 year 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 admissions 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.

Other types of educational opportunities for adults are offered by community organizations, libraries, religious institutions, and businesses.

Figure 1. The structure of education in the United States


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

## Enrollment

## Elementary and Secondary Schools

## Public Schools

Overall, public school enrollment increased 26 percent between 1985 and 2007. Elementary (prekindergarten through grade 8) enrollment rose from 27.0 million in fall 1985 to a projected 34.6 million in fall 2007, an increase of 28 percent. In the upper grades ( $9-12$ ), the net result of changes in enrollment over the same period was a 21 percent increase.

## Table 1. Enrollment in public elementary and secondary schools: Selected years, fall 1985 through fall 2007 [In thousands]

|  | Total | Elementary <br> (prekinder- <br> garten | Secondary <br> through <br> grade 8) |
| :--- | ---: | ---: | ---: |
| Year | (grades 9 <br> through 12) |  |  |
| 1985 | 39,422 | 27,034 | 12,388 |
| 1990 | 41,217 | 29,878 | 11,338 |
| 1995 | 44,840 | 32,341 | 12,500 |
| 1999 | 46,857 | 33,488 | 13,369 |
| 2000 | 47,204 | 33,688 | 13,515 |
| 2001 | 47,672 | 33,938 | 13,734 |
| 2002 | 48,183 | 34,116 | 14,067 |
| 2003 | 48,540 | 34,202 | 14,338 |
| 2004 | 48,795 | 34,178 | 14,617 |
| 2005 | 49,113 | 34,205 | 14,909 |
| $2006^{1}$ | 49,370 | 34,387 | 14,983 |
| 2007 | 49,610 | 34,592 | 15,018 |

${ }^{1}$ Projected.
Note: Detail may not sum to totals because of rounding.

## Private Schools

About 11 percent of all elementary and secondary students attended private schools in fall 2007 (tables 2 and 3). Total private school enrollment at the elementary and secondary levels was projected at 6.2 million in fall 2007.

## Table 2. Enrollment in private elementary and secondary schools: Selected years, fall 1985 through fall 2007 [In thousands]

|  | Elementary <br> (prekinder- <br> garten |  |  |
| :--- | ---: | ---: | ---: |
| Year | Total | Secondary <br> through <br> grade 8) | (grades 9 <br> through 12) |
| 1985 | 5,557 | 4,195 | 1,362 |
| 1990 | 5,648 | 4,514 | 1,134 |
| 1995 | 5,918 | 4,756 | 1,163 |
| 1997 | 5,944 | 4,759 | 1,185 |
| $19988^{1}$ | 5,988 | 4,776 | 1,212 |
| 1999 | 6,018 | 4,789 | 1,229 |
| $2000^{1}$ | 6,169 | 4,906 | 1,264 |
| 2001 | 6,320 | 5,023 | 1,296 |
| $2002^{1}$ | 6,220 | 4,915 | 1,306 |
| 2003 | 6,099 | 4,788 | 1,311 |
| $2004^{2}$ | 6,133 | 4,773 | 1,360 |
| $2005^{2}$ | 6,111 | 4,736 | 1,376 |
| $2006^{2}$ | 6,155 | 4,779 | 1,375 |
| $2007^{2}$ | 6,152 | 4,784 | 1,368 |

[^1]
## Projections

Fall 2007 enrollment marked a new record for total school enrollment according to projections. Public and private elementary enrollment is projected to continue increasing, with an overall increase of 9 percent between 2007 and 2016. Secondary enrollment is expected to decrease between 2007 and 2011, before starting to increase again.

## Table 3. Projected enrollment in public and private elementary and secondary schools: Fall 2007 to fall 2016 [In thousands]

| Year | Total | Elementary (prekindergarten through grade 8) | Secondary (grades 9 through 12) |
| :---: | :---: | :---: | :---: |
| 2007 | 55,762 | 39,376 | 16,386 |
| 2008 | 55,966 | 39,678 | 16,287 |
| 2009 | 56,186 | 40,029 | 16,158 |
| 2010 | 56,480 | 40,454 | 16,026 |
| 2011 | 56,857 | 40,915 | 15,943 |
| 2012 | 57,338 | 41,372 | 15,966 |
| 2013 | 57,872 | 41,873 | 16,000 |
| 2014 | 58,486 | 42,359 | 16,126 |
| 2015 | 59,147 | 42,711 | 16,436 |
| 2016 | 59,780 | 43,096 | 16,683 |

NOTE: Detail may not sum to totals because of rounding.

## Prekindergarten and Kindergarten Enrollment

 In 2006, about two-thirds of 3- to 5 -year-olds were enrolled in prekindergarten or kindergarten programs. Between 2000 and 2006, the percentage of children in full-day programs rose from 53 to 59 percent.Table 4. Enrollment of $\mathbf{3}$ - to 5 -year-olds in prekindergarten and kindergarten programs, by control, level of school, and attendance status: Selected years, October 1980 through October 2006 [In thousands]

| Control, level of school, and |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| attendance status | 1980 | 1990 | 2000 | 2006 |
| $\quad$ Total | $\mathbf{4 , 8 7 8}$ | $\mathbf{6 , 6 5 9}$ | $\mathbf{7 , 5 9 2}$ | $\mathbf{8 , 0 1 0}$ |
| $\quad$Percent enrolled <br> Control | 52.5 | 59.4 | 64.0 | 65.7 |
| Public <br> Private | 3,066 | 3,971 | 4,847 | 5,440 |
| Level | 1,812 | 2,688 | 2,745 | 2,569 |
| $\quad$Prekindergarten <br> Kindergarten | 1,981 | 3,379 | 4,326 | 4,637 |
| Attendance | 2,897 | 3,280 | 3,266 | 3,373 |
| Full-day <br> Part-day <br> Percent full-day | 1,551 | 2,577 | 4,008 | 4,723 |
|  | 3,327 | 4,082 | 3,584 | 3,286 |
|  | 31.8 | 38.7 | 52.8 | 59.0 |

[^2]
## Enrollment Rates

School enrollment rates for 5 - and $6-, 7$ - to 13-, and $14-$ to 17 -year-olds remained relatively steady between 1996 and 2006. Enrollment rates for 3 - and 4 -year-olds rose between 1996 and 2006 from 48 percent to 56 percent.
Table 5. Percentage of $\mathbf{3 -}$ to $\mathbf{1 7}$-year-olds enrolled in school: Selected years, October 1970 through October 2006

| Year | 3 and 4 <br> years | 5 and 6 <br> years | 7 to 13 <br> years | 14 to 17 <br> years |
| :--- | ---: | ---: | ---: | ---: |
| 1970 | 20.5 | 89.5 | 99.2 | 94.1 |
| 1980 | 36.7 | 95.7 | 99.3 | 93.4 |
| 1985 | 38.9 | 96.1 | 99.2 | 94.9 |
| 1990 | 44.4 | 96.5 | 99.6 | 95.8 |
| 1995 | 48.7 | 96.0 | 98.9 | 96.3 |
| 1996 | 48.3 | 94.0 | 97.7 | 95.4 |
| 1997 | 52.6 | 96.5 | 99.1 | 96.6 |
| 1998 | 52.1 | 95.6 | 98.9 | 96.1 |
| 1999 | 54.2 | 96.0 | 98.7 | 95.8 |
| 2000 | 52.1 | 95.6 | 98.2 | 95.7 |
| 2001 | 52.4 | 95.3 | 98.3 | 95.8 |
| 2002 | 56.3 | 95.5 | 98.3 | 96.4 |
| 2003 | 55.1 | 94.5 | 98.3 | 96.2 |
| 2004 | 54.0 | 95.4 | 98.4 | 96.5 |
| 2005 | 53.6 | 95.4 | 98.6 | 96.5 |
| 2006 | 55.7 | 94.6 | 98.3 | 96.4 |

NOTE: Starting in 1994, preprimary enrollment data were collected using new procedures and may not be comparable to figures for earlier years. This revision primarily affected rates for 3- and 4-year-olds. Includes enrollment in any school or college.

## Enrollment, by Race and Ethnicity

The percentage of minority students in public elementary and secondary schools increased between 1986 and 2005. The percentage of students who were Hispanic rose from 10 percent to 20 percent; the percentage of students who were Black rose from 16 to 17 percent; and the percentage who were Asian/Pacific Islander rose from 3 to 5 percent.

## Table 6. Racial/ethnic percentage distribution of students in public elementary and secondary schools: Fall 1986, 1995, and 2005

| Race/ethnicity of student | $1986^{1}$ | 1995 | 2005 |
| :--- | ---: | ---: | ---: |
| Total | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ |
| White | 70.4 | 64.8 | 57.1 |
| Minority | 29.6 | 35.2 | 42.9 |
| Black | 16.1 | 16.8 | 17.2 |
| Hispanic | 9.9 | 13.5 | 19.8 |
| Asian/Pacific Islander | 2.8 | 3.7 | 4.6 |
| American Indian/Alaska Native | 0.9 | 1.1 | 1.2 |

[^3]
## Enrollment in Programs for Children With Disabilities

 The percentage of students ( 3 to 21 years old) served in federally supported special education programs rose from 8 percent to 14 percent between 1976-77 and 2005-06. Much of the rise during this period may be attributed to the increase in the percentage of students identified with learning disabilities prior to 1990-91. Some of the increase between 2000-01 and 2005-06 can be attributed to the increasing percentage of students identified as having other health impairments, which rose from 0.6 percent to 1.2 percent of enrollment; autism, which rose from 0.2 to 0.5 percent of enrollment; and developmental delay, which rose from 0.4 percent to 0.7 percent of enrollment (see Digest of Education Statistics, 2007, table 47).
## Table 7. Students $\mathbf{3}$ to $\mathbf{2 1}$ years old served in special education programs, and as a percentage of public elementary and secondary enrollment: Selected years, 1976-77 through 2005-06

Number of students with any disabilities, in
Year

| Year | thousands |
| :--- | ---: |
| $1976-77$ | 3,694 |
| $1980-81$ | 4,144 |
| $1990-91$ | 4,710 |
| $1995-96$ | 5,572 |
| $2000-01$ | 6,296 |
| $2005-06$ | 6,713 |

Students with specific learning disabilities as a percent of those with disabilities
${ }^{1}$ Based on the enrollment in public elementary and secondary schools (prekindergarten through 12th grade).

## Degree-Granting Institutions

## College Enrollment

College enrollment in fall 2005 was 17.5 million students. Of the fall 2005 students, 7.5 million were males and 10.0 million were females. Between fall 2000 and fall 2005, the enrollment of males rose by 11 percent and the enrollment of females rose by 17 percent.

## Table 8. Fall enrollment in degree-granting institutions, by sex, control of institution, and attendance status: Fall 1990, 2000, and 2005

[In thousands]

| Sex, control of institution, |  |  |  |
| :--- | ---: | ---: | ---: |
| and attendance status | 1990 | 2000 | 2005 |
| Total | $\mathbf{1 3 , 8 1 9}$ | $\mathbf{1 5 , 3 1 2}$ | $\mathbf{1 7 , 4 8 7}$ |
| Males | 6,284 | 6,722 | 7,456 |
| Full-time | 3,808 | 4,111 | 4,803 |
| Part-time | 2,476 | 2,611 | 2,653 |
| Females | 7,535 | 8,591 | 10,032 |
| Full-time | 4,013 | 4,899 | 5,994 |
| Part-time | 3,521 | 3,692 | 4,038 |
| Public | 10,845 | 11,753 | 13,022 |
| Males | 4,875 | 5,132 | 5,589 |
| Females | 5,970 | 6,620 | 7,433 |
| Private | 2,974 | 3,560 | 4,466 |
| Males | 1,409 | 1,589 | 1,867 |
| Females | 1,565 | 1,970 | 2,599 |

[^4]
## Enrollment by Level and Attendance

College enrollment rose from 13.8 million in fall 1990 to 17.5 million in fall 2005. In 2005, 11.0 million students attended 4 -year colleges and universities and 6.5 million attended 2 -year colleges. Between 1990 and 2005, full-time enrollment increased more than part-time enrollment, 38 percent and 12 percent, respectively.

Table 9. Fall enrollment in degree-granting institutions, by attendance status, type, and control of institution: Fall 1990, 2000, and 2005

## [In thousands]

| Type and control of institution |  |  |  |
| :--- | ---: | ---: | ---: |
| and attendance status | 1990 | 2000 | 2005 |
| Total | $\mathbf{1 3 , 8 1 9}$ | $\mathbf{1 5 , 3 1 2}$ | $\mathbf{1 7 , 4 8 7}$ |
| 4-year | 8,579 | 9,364 | 10,999 |
| 2-year | 5,240 | 5,948 | 6,488 |
| Public | 10,845 | 11,753 | 13,022 |
| 4-year | 5,848 | 6,055 | 6,838 |
| 2-year | 4,996 | 5,697 | 6,184 |
| Full-time | 5,750 | 6,371 | 7,409 |
| Part-time | 5,094 | 5,382 | 5,613 |
| Private | 2,974 | 3,560 | 4,466 |
| 4-year | 2,730 | 3,308 | 4,162 |
| 2-year | 244 | 251 | 304 |
| Full-time | 2,070 | 2,638 | 3,388 |
| Part-time | 903 | 921 | 1,077 |

NOTE: Detail may not sum to totals because of rounding.

## Enrollment Rates of 18 - to 24 -Year-Olds

The percentage of 18- and 19-year-olds attending high school or college rose from 62 percent in 1996 to 65 percent in 2006. Enrollment rates for those in their early 20 s also increased. The enrollment rate of 20- and 21-yearolds rose from 44 percent in 1996 to 48 percent in 2006.

## Table 10. Percentage of $\mathbf{1 8}$ - to $\mathbf{2 4}$-year-olds enrolled in high school or college: Selected years, October 1985 through October 2006

| Year | 18- and 19-year-olds | $20-\text { and } 21-$ year-olds | $22-\text { to } 24-$ year-olds |
| :---: | :---: | :---: | :---: |
| 1985 | 51.6 | 35.3 | 16.9 |
| 1990 | 57.2 | 39.7 | 21.0 |
| 1991 | 59.6 | 42.0 | 22.2 |
| 1992 | 61.4 | 44.0 | 23.7 |
| 1993 | 61.6 | 42.7 | 23.6 |
| 1994 | 60.2 | 44.9 | 24.0 |
| 1995 | 59.4 | 44.9 | 23.2 |
| 1996 | 61.5 | 44.4 | 24.8 |
| 1997 | 61.5 | 45.9 | 26.4 |
| 1998 | 62.2 | 44.8 | 24.9 |
| 1999 | 60.6 | 45.3 | 24.5 |
| 2000 | 61.2 | 44.1 | 24.6 |
| 2001 | 61.1 | 46.1 | 25.5 |
| 2002 | 63.3 | 47.8 | 25.6 |
| 2003 | 64.5 | 48.3 | 27.8 |
| 2004 | 64.4 | 48.9 | 26.3 |
| 2005 | 67.6 | 48.7 | 27.3 |
| 2006 | 65.5 | 47.5 | 26.7 |

## Enrollment by Sex and Age

College enrollment has increased, both among traditional college-age students and older students, since 1990.
Between 1990 and 2005, enrollment of people under age 25 grew 33 percent and enrollment of people age 25 and older increased 18 percent. Enrollment of females under age 25 grew by 45 percent and enrollment of females age 25 and older grew by 20 percent. Enrollment of males under age 25 grew by 21 percent and enrollment of males age 25 and older grew by 15 percent.

## Table 11. Fall enrollment in degree-granting institutions, by sex and age: 1990, 2000, and 2005

[In thousands]

| Sex and age | 1990 | 2000 | 2005 |
| :--- | ---: | ---: | ---: |
| Total | $\mathbf{1 3 , 8 1 9}$ | $\mathbf{1 5 , 3 1 2}$ | $\mathbf{1 7 , 4 8 7}$ |
| 19 years and younger | 3,127 | 3,676 | 3,809 |
| 20 and 21 years old | 2,761 | 3,045 | 3,778 |
| 22 to 24 years old | 2,144 | 2,617 | 3,072 |
| 25 years and older | 5,788 | 5,974 | 6,828 |
| Males, total | $\mathbf{6 , 2 8 4}$ | $\mathbf{6 , 7 2 2}$ | $\mathbf{7 , 4 5 6}$ |
| 19 years and younger | 1,508 | 1,646 | 1,670 |
| 20 and 21 years old | 1,368 | 1,382 | 1,778 |
| 22 to 24 years old | 1,107 | 1,293 | 1,355 |
| 25 years and older | 2,301 | 2,401 | 2,653 |
| Females, total | $\mathbf{7 , 5 3 5}$ | $\mathbf{8 , 5 9 1}$ | $\mathbf{1 0 , 0 3 2}$ |
| 19 years and younger | 1,619 | 2,030 | 2,139 |
| 20 and 21 years old | 1,392 | 1,663 | 2,000 |
| 22 to 24 years old | 1,037 | 1,324 | 1,717 |
| 25 years and older | 3,487 | 3,573 | 4,175 |

NOTE: Detail may not sum to totals because of rounding.

## Enrollment by Race and Ethnicity

The percentage of American college students who are minorities has been increasing. In 1980, 16 percent were minorities, compared with 31 percent in 2005 . Much of the change can be attributed to rising percentages of Hispanic and Asian or Pacific Islander students. Between 1980 and 2005, the percent of Hispanic students rose from 4 percent to 11 percent and the percent of Asian or Pacific Islander students rose from 2 percent to 6 percent.

Table 12. Racial/ethnic distribution of fall enrollment in degree-granting institutions: 1980, 1990, 2000, and 2005

| Race/ethnicity | 1980 | 1990 | 2000 | 2005 |
| :--- | ---: | ---: | ---: | ---: |
| $\quad$ Total | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 0 . 0}$ |
| White | 81.4 | 77.6 | 68.3 | 65.7 |
| Minority | 16.1 | 19.6 | 28.2 | 30.9 |
| Black | 9.2 | 9.0 | 11.3 | 12.7 |
| Hispanic | 3.9 | 5.7 | 9.5 | 10.8 |
| Asian/Pacific Islander | 2.4 | 4.1 | 6.4 | 6.5 |
| American Indian/Alaska | 0.7 | 0.7 | 1.0 | 1.0 |
| $\quad$ Native | 2.5 | 2.8 | 3.5 | 3.3 |
| Nonresident alien |  |  |  |  |

NOTE: Race categories exclude persons of Hispanic ethnicity. The race/ ethnicity of nonresident aliens was not identified. Detail may not sum to totals because of rounding.

## Graduate School Enrollment

Graduate school enrollment was steady at about 1.3 million in the early 1980s, but rose 38 percent between 1990 and 2005. The number of full-time graduate students rose by 75 percent between 1990 and 2005, while the number of part-time graduate students rose by 15 percent. Since 1984, the number of females in graduate schools has exceeded the number of males. The number of females rose by a larger percentage between 1990 and 2005 (54 percent) than the number of males (19 percent).

## Table 13. Fall graduate enrollment in degreegranting institutions, by sex and attendance status: Selected years, 1970 through 2005 [In thousands]

| Year | Total | Males | Females | Full-time Part-time |  |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 1970 | 1,031 | 630 | 400 | 379 | 651 |
| 1980 | 1,343 | 675 | 670 | 485 | 860 |
| 1985 | 1,376 | 677 | 700 | 509 | 867 |
| 1990 | 1,586 | 737 | 849 | 599 | 987 |
| 1995 | 1,732 | 768 | 965 | 717 | 1,015 |
| 2000 | 1,850 | 780 | 1,071 | 813 | 1,037 |
| 2001 | 1,904 | 796 | 1,108 | 843 | 1,061 |
| 2002 | 2,036 | 847 | 1,189 | 926 | 1,109 |
| 2003 | 2,102 | 867 | 1,235 | 985 | 1,117 |
| 2004 | 2,157 | 879 | 1,278 | 1,024 | 1,133 |
| 2005 | 2,186 | 877 | 1,309 | 1,047 | 1,139 |

NOTE: Detail may not sum to totals because of rounding.

## First-Professional Enrollment

Enrollment in first-professional programs, after rising very rapidly during the 1970 s, decreased during the 1980 s, and showed an increase of 23 percent between 1990 and 2005.

Fewer females than males were enrolled in first-professional programs between 1970 and 2005; however, the number of females has increased more rapidly. Between 1990 and 2005, the number of females enrolled increased by 57 percent. The number of males enrolled was slightly higher in 2005 ( 2 percent change) than in 1990.

## Table 14. Fall first-professional enrollment in degree-granting institutions, by sex: Selected years, 1970 through 2005

| Year | Total | Males | Females |
| ---: | ---: | ---: | ---: |
| 1970 | 173,411 | 158,649 | 14,762 |
| 1980 | 277,767 | 199,344 | 78,423 |
| 1985 | 274,200 | 179,792 | 94,408 |
| 1990 | 273,366 | 166,798 | 106,568 |
| 1994 | 294,713 | 173,956 | 120,757 |
| 1995 | 297,592 | 173,897 | 123,695 |
| 2000 | 306,625 | 163,885 | 142,740 |
| 2001 | 308,647 | 160,666 | 147,981 |
| 2002 | 318,982 | 162,881 | 156,101 |
| 2003 | 329,242 | 166,361 | 162,881 |
| 2004 | 334,529 | 168,438 | 166,091 |
| 2005 | 337,024 | 169,831 | 167,193 |

NOTE: First-professional includes chiropractic medicine, medicine, dentistry, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, and theology.

## Teachers, Faculty, and Staff

## Elementary and Secondary Schools

 Number of TeachersA projected 3.7 million elementary and secondary school teachers were engaged in classroom instruction in the fall of 2007, with about 3.2 million teachers in public schools and 0.5 million in private schools.

The number of public elementary and secondary school teachers rose by 17 percent between 1997 and 2007. The number of public school teachers has risen faster than the number of students during that period, resulting in declines in the pupil/teacher ratio. In the fall of 2007, there were 15.4 public school pupils per teacher compared with 16.8 public school pupils per teacher in 1997. The pupil/teacher ratio in private schools was projected at 13.2 pupils per teacher in fall 2007.

Table 15. Teachers and pupil/teacher ratios in public and private elementary and secondary schools: Selected years, fall 1980 through fall 2007 [In full-time equivalents]

| Year | Total | Public school teachers | Private school teachers |
| :---: | :---: | :---: | :---: |
|  | Number in thousands |  |  |
| 1980 | 2,485 | 2,184 | 301 |
| 1990 | 2,759 | 2,398 | $361{ }^{1}$ |
| 1997 | 3,138 | 2,746 | 391 |
| 2000 | 3,366 | 2,941 | $424{ }^{1}$ |
| 2003 | 3,490 | 3,049 | 441 |
| 2004 | 3,537 | 3,090 | $447{ }^{1}$ |
| 2005 | 3,588 | 3,137 | $451{ }^{1}$ |
| $2006{ }^{1}$ | 3,637 | 3,177 | 460 |
| $2007{ }^{2}$ | 3,679 | 3,213 | 466 |
|  | Pupil/teacher ratios |  |  |
| 1980 | 18.6 | 18.7 | 17.7 |
| 1990 | 17.0 | 17.2 | $15.6{ }^{1}$ |
| 1997 | 16.6 | 16.8 | 15.2 |
| 2000 | 15.9 | 16.0 | $14.5{ }^{1}$ |
| 2003 | 15.7 | 15.9 | 13.8 |
| 2004 | 15.5 | 15.8 | $13.7{ }^{1}$ |
| 2005 | 15.4 | 15.7 | $13.5{ }^{1}$ |
| $2006{ }^{1}$ | 15.3 | 15.5 | 13.4 |
| $2007{ }^{2}$ | 15.2 | 15.4 | 13.2 |

${ }^{1}$ Estimated.
${ }^{2}$ Projected.
NOTE: Full-time-equivalent teachers are the sum of full-time teachers, plus the number of part-time teachers expressed as the fraction of their scheduled hours compared to the normal full-time teacher scheduled hours. Detail may not sum to totals because of rounding.

## Teachers' Salaries

The average salary for public school teachers was $\$ 50,379$ in 2005-06 (in 2006-07 dollars). After adjustment for inflation, teachers' salaries were 6 percent higher in 2005-06 than they were in 1970-71. This increase reflects the substantial decreases during the 1970s, substantial increases during the 1980s, and relatively small changes since 1990-91.

## Table 16. Estimated average annual salary for public elementary and secondary school teachers: Selected years, 1970-71 through 2005-06 [In constant 2006-07 dollars]

| Year | All <br> teachers | Elementary <br> teachers | Secondary <br> teachers |
| :--- | ---: | ---: | ---: |
| $\mathbf{1 9 7 0 - 7 1}$ | $\$ 47,626$ | $\$ 46,357$ | $\$ 49,168$ |
| $1975-76$ | 46,380 | 45,202 | 47,620 |
| $1980-81$ | 41,579 | 40,604 | 42,753 |
| $1985-86$ | 47,273 | 46,370 | 48,486 |
| $1990-91$ | 50,432 | 49,526 | 51,670 |
| $1995-96$ | 49,736 | 49,070 | 50,733 |
| $2000-01$ | 50,593 | 50,041 | 51,339 |
| $2002-03$ | 51,177 | 50,857 | 51,532 |
| $2003-04$ | 51,233 | 50,887 | 51,604 |
| $2004-05$ | 50,769 | 50,498 | 51,082 |
| $2005-06$ | 50,379 | 50,224 | 50,673 |

${ }^{1}$ Constant 2006-07 dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor.

## Teacher Characteristics, Public Schools

The teaching force in public elementary and secondary schools in 2003-04 was 75 percent female and 17 percent minority. Some 55 percent of teachers had at least 10 years of full-time teaching experience, and almost all teachers held at least a bachelor's degree.

## Table 17. Characteristics of teachers in public elementary and secondary schools: 2003-04 <br> [Number of full-time and part-time teachers]

| Selected characteristic | Number, in <br> thousands | Percent |
| :--- | ---: | ---: |
| Total | $\mathbf{3 , 2 5 1}$ | $\mathbf{1 0 0 . 0}$ |
| Sex | 813 | 25.0 |
| Male | 2,438 | 75.0 |
| Female |  |  |
| Race/ethnicity | 2,702 | 83.1 |
| White | 257 | 7.9 |
| Black | 202 | 6.2 |
| Hispanic | 89 | 2.7 |
| Other minorities | 396 | 12.2 |
| Experience | 1,070 | 32.9 |
| Less than 3 years | 924 | 28.4 |
| 3 to 9 years | 860 | 26.5 |
| 10 to 20 years |  |  |
| More than 20 years | 35 | 1.1 |
| Highest degree | 1,651 | 50.8 |
| Less than bachelor's | 1,564 | 48.1 |
| Bachelor's |  |  |
| Master's or above |  |  |
| NOTE: Excludes prekindergarten teachers. Race categories exclude persons |  |  |
| of Hispanic ethnicity. Detail may not sum to totals because of rounding. |  |  |

## Teacher Characteristics, Private Schools

The teaching force in private elementary and secondary schools in 2003-04 was 76 percent female and 12 percent minority. Some 42 percent of teachers had at least 10 years of full-time teaching experience, and 91 percent of all teachers held at least a bachelor's degree.

## Table 18. Characteristics of teachers in private elementary and secondary schools: 2003-04 <br> [Number of full-time and part-time teachers]

| Selected characteristic | Number, in <br> thousands | Percent |
| :--- | ---: | ---: |
| $\quad$ Total | $\mathbf{4 6 7}$ | $\mathbf{1 0 0 . 0}$ |
| Sex |  |  |
| Male | 110 | 23.6 |
| Female | 357 | 76.4 |
| Race/ethnicity |  |  |
| White | 411 | 88.0 |
| Black | 19 | 4.0 |
| Hispanic | 23 | 4.8 |
| Other minorities | 15 | 3.1 |
| Experience |  |  |
| Less than 3 years | 116 | 24.8 |
| 3 to 9 years | 154 | 33.0 |
| 10 to 20 years | 112 | 23.9 |
| More than 20 years | 86 | 18.3 |
| Highest degree |  |  |
| Less than bachelor's | 43 | 9.2 |
| Bachelor's | 259 | 55.5 |
| Master's or above | 165 | 35.3 |
| NOTE: Excludes prekindergarten teachers. Race categories exclude persons |  |  |
| of Hispanic ethnicity. Detail may not sum to totals because of rounding. |  |  |

## Degree-Granting Institutions

## College Staff

Approximately 3.4 million people were employed in colleges and universities in the fall of 2005, including 2.5 million professional and 0.9 million nonprofessional staff. About 48 percent of the staff were faculty or teaching assistants; 6 percent were managerial; 19 percent were other professional staff; and 27 percent were nonprofessional staff.

Table 19. Employees in degree-granting institutions, by control of institution, primary occupation, and type of institution: Fall 2005
[In thousands]

| Primary occupation |  |  |  |
| :--- | ---: | ---: | ---: |
| and type of institution | Total | Public | Private |
| Total | $\mathbf{3 , 3 7 9}$ | $\mathbf{2 , 2 6 8}$ | $\mathbf{1 , 1 1 1}$ |
| Professional staff | 2,460 | 1,641 | 819 |
| Managerial | 196 | 101 | 95 |
| Faculty | 1,290 | 841 | 449 |
| Teaching assistants | 317 | 258 | 59 |
| Other professional | 656 | 441 | 215 |
| Nonprofessional staff | 919 | 627 | 292 |
| 4-year | 2,730 | 1,657 | 1,074 |
| Full-time, total staff | 1,858 | 1,134 | 725 |
| Part-time, total staff | 872 | 523 | 349 |
| 2-year | 649 | 611 | 38 |
| Full-time, total staff | 322 | 296 | 26 |
| Part-time, total staff | 327 | 315 | 12 |

[^5]
## Faculty Salaries for Males and Females

The average faculty salary for males on 9 -month contracts in 2006-07 $(\$ 74,167)$ was higher than the average for females (\$61,016).

Table 20. Average salary of full-time instructional faculty on 9 -month contracts in degree-granting institutions, by sex: Selected years, 1970-71 through 2006-07 [In constant 2006-07 dollars] ${ }^{1}$

| Year | Total | Males | Females |
| :--- | ---: | ---: | ---: |
| $1970-71$ | $\$ 65,312$ | - | - |
| $1975-76$ | 61,319 | $\$ 64,099$ | $\$ 52,665$ |
| $1980-81$ | 54,913 | 57,734 | 47,122 |
| $1985-86$ | 60,767 | 64,335 | 51,732 |
| $1990-91$ | 64,275 | 68,696 | 54,695 |
| $1995-96$ | 65,152 | 69,782 | 56,645 |
| $1999-2000$ | 67,392 | 72,451 | 59,082 |
| $2001-02$ | 68,440 | 73,686 | 60,330 |
| $2002-03$ | 68,749 | 74,126 | 60,650 |
| $2003-04$ | 68,647 | 74,029 | 60,748 |
| $2004-05$ | 68,405 | 73,839 | 60,622 |
| $2005-06$ | 67,883 | 73,420 | 60,182 |
| $2006-07$ | 68,585 | 74,167 | 61,016 |

- Not available.
${ }^{1}$ Constant 2006-07 dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor.

Faculty Salaries for Public and Private Institutions College faculty on 9 -month contracts generally experienced losses in the purchasing power of their salaries from 1970-71 to 1980-81. During the 1980s, 1990s, and early 2000 s, average salaries at public and private 4 -year colleges rose and recouped their losses.

Table 21. Average salary of full-time instructional faculty on 9 -month contracts in degree-granting institutions, by control and type of institution: Selected years, 1970-71 through 2006-07 [In constant 2006-07 dollars]

|  | Public <br> 4-year | Public <br> 2-year | Private <br> Year | Private <br> 2-year |
| :--- | ---: | ---: | ---: | ---: |
| $1970-71$ | $\$ 67,428$ | $\$ 64,975$ | $\$ 60,762$ | $\$ 44,522$ |
| $1975-76$ | 64,049 | 58,231 | 59,324 | 40,125 |
| $1980-81$ | 57,437 | 52,262 | 52,610 | 35,502 |
| $1985-86$ | 63,845 | 55,510 | 59,528 | 36,461 |
| $1990-91$ | 67,849 | 56,485 | 64,365 | 36,719 |
| $1995-96$ | 67,613 | 57,205 | 67,146 | 42,169 |
| $1999-2000$ | 69,877 | 58,170 | 70,328 | 43,319 |
| $2001-02$ | 7,042 | 58,239 | 72,275 | 37,964 |
| $2002-03$ | 71,166 | 58,661 | 72,655 | 39,039 |
| $2003-04$ | 70,580 | 58,223 | 73,422 | 39,844 |
| $2004-05$ | 70,341 | 57,434 | 73,475 | 39,753 |
| $2005-06$ | 69,708 | 56,838 | 73,106 | 39,545 |
| 2006-07 | 70,460 | 57,466 | 73,636 | 41,138 |
| Constant 2006-07 dollars based on the Consumer Price Index, prepared |  |  |  |  |
| by the Bureau of Labor Statistics, U.S. Department of Labor. |  |  |  |  |

## Educational Outcomes

## Reading Performance

Long-term trends in reading achievement show improvements for the country's 9 - and 13 -year-old students between 1971 and 2004 (see Digest of Education Statistics, 2007, table 112). Seventeen-year-olds scored about the same in 2004 as in 1971. There was no measurable difference in the gender gaps favoring female 13- and 17-year-olds in 2004 compared to 1971. Significant gaps persist between White and Black and between White and Hispanic racial/ethnic groups.

## Table 22. Performance of 17 -year-olds in reading, by selected characteristics: 1971, 1988, and 2004

| Selected characteristic | 1971 | 1988 | 2004 |
| :--- | ---: | ---: | ---: |
| Average scale score | $\mathbf{2 8 5}$ | $\mathbf{2 9 0}$ | $\mathbf{2 8 5}$ |
| Sex |  |  |  |
| $\quad$ Male | 279 | 286 | 278 |
| Female | 291 | 294 | 292 |

Race/ethnicity

| White | 291 | 295 | 293 |
| :--- | :---: | :---: | :---: |
| Black | 239 | 274 | 264 |
| Hispanic | - | 271 | 264 |
| Parents' highest education level |  |  |  |
| Did not complete high school | - | 267 | 259 |
| Completed high school | - | 282 | 274 |
| Some postsecondary | - | 299 | 286 |
| Bachelor's or higher degree | - | 300 | 298 |

- Not available.

NOTE: Scale ranges from 0 to 500. Race categories exclude persons of Hispanic ethnicity.

## Mathematics Performance

Average proficiency for 9- and 13-year-olds improved between 1973 and 2004 (see Digest of Education Statistics, 2007, table 125). The average score at age 17 in 2004 was not measurably different from the average score in 1973 or 1999. Gender gaps in mathematics among 17 -year-olds narrowed between 1973 and 2004.

## Table 23. Performance of 17 -year-olds in mathematics, by selected characteristics: 1973, 1999, and 2004

| Selected characteristic | 1973 | 1999 | 2004 |
| :--- | :---: | :---: | :---: |
| Average scale score | $\mathbf{3 0 4}$ | $\mathbf{3 0 8}$ | $\mathbf{3 0 7}$ |
| Sex |  |  |  |
| $\quad$ Male | 309 | 310 | 308 |
| Female | 301 | 307 | 305 |
| Race/ethnicity |  |  |  |
| White | 310 | 315 | 313 |
| Black | 270 | 283 | 285 |
| Hispanic | 277 | 293 | 289 |
| Parents' highest education level <br> Did not complete high school | - | 289 | 287 |
| $\quad$ Completed high school | - | 299 | 295 |
| Some postsecondary | - | 308 | 306 |
| Bachelor's or higher degree | - | 317 | 317 |

[^6]
## Science Performance

Between 1996 and 2005, the national average 4th-grade science score increased from 147 to 151 ; there was no measurable change in the 8th-grade score; and the 12thgrade score decreased from 150 to 147 (see Digest of Education Statistics, 2007, table 132).

## Table 24. Performance of $\mathbf{1 2 t h}$-graders in science, by selected characteristics: 1996, 2000, and 2005

| Selected characteristic | 1996 | 2000 | 2005 |
| :---: | :---: | :---: | :---: |
| Average scale score | 150 | 146 | $\mathbf{1 4 7}$ |

## Sex

| Male | 154 | 148 | 149 |
| :--- | :--- | :--- | :--- |
| Female | 147 | 145 | 145 |

Race/ethnicity

| White | 159 | 153 | 156 |
| :--- | :--- | :--- | :--- |
| Black | 123 | 122 | 120 |
| Hispanic | 131 | 128 | 128 |
| Asian/Pacific Islander | 147 | 149 | 153 |
| American Indian/Alaska Native | 144 | 151 | 139 |

Parents' highest education level
Did not complete high school - 125
Completed high school - 136
Some postsecondary - - 148
Bachelor's or higher degree $\quad$ - 157

- Not available.

NOTE: Scale ranges from 0 to 500 . Race categories exclude persons of Hispanic ethnicity.

## High School Coursetaking Patterns

In 1983, the National Commission on Excellence in Education recommended that all students take 4 years of English; 3 years each of mathematics, science, and social studies; and half a year of computer science. For those going on to college, 2 years of foreign language study was additionally recommended.

The average number of science and mathematics credits earned by high school graduates increased substantially between 1982 and 2005. The mean number of mathematics credits (Carnegie units) earned in high school rose from 2.6 in 1982 to 3.7 in 2005, and the number of science credits rose from 2.2 to 3.3 (see Digest of Education Statistics, 2007, table 140). The average number of English credits increased from 3.9 in 1982 to 4.4 in 2005, and the number of social science credits increased from 3.2 to 4.0 during the same period. The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1 -year course.

The percentage of graduates who met or exceeded the college preparatory program recommended by the National Commission on Excellence in Education (excluding computer science) rose from 10 percent in 1982 to 52 percent in 2005.
Table 25. Percentage of public and private highschool graduates earning or exceed-ing selected combinations of academ-ic credits: 1982, 1998, and 2005
Year of graduation and course ..... All combinations taken graduates
1982 graduates
4 Eng., 3 S.S., 3 Sci., 3 Math, . 5 Comp., \& 2 F.L. ..... 2.0
4 Eng., 3 S.S., 3 Sci., 3 Math, \& 2 F.L. ..... 9.5
4 Eng., 3 S.S., 3 Sci., 3 Math ..... 14.3
4 Eng., 3 S.S., 2 Sci., 2 Math ..... 31.5
1998 graduates
4 Eng., 3 S.S., 3 Sci., 3 Math, . 5 Comp., \& 2 F.L. ..... 28.6
4 Eng., 3 S.S., 3 Sci., 3 Math, \& 2 F.L. ..... 44.2
4 Eng., 3 S.S., 3 Sci., 3 Math ..... 55.0
4 Eng., 3 S.S., 2 Sci., 2 Math ..... 74.5
2005 graduates
4 Eng., 3 S.S., 3 Sci., 3 Math, . 5 Comp., \& 2 F.L. ..... 36.2
4 Eng., 3 S.S., 3 Sci., 3 Math, \& 2 F.L. ..... 52.1
4 Eng., 3 S.S., 3 Sci., 3 Math ..... 64.7
4 Eng., 3 S.S., 2 Sci., 2 Math ..... 81.8
NOTE: Eng. = English; S.S. = social studies; Sci. = science; Comp. = com- puter science; and F.L. = foreign language.

## Graduates

About 3.3 million high school students are expected to graduate during the 2007-08 school year, including 3.0 million public school graduates and 0.3 million private school graduates. The projected 2007-08 record number of high school graduates exceeds the former records of 2005-06 and 2006-07, as well as the high point during the baby boom era in 1976-77, when 3.2 million students earned diplomas.

The averaged freshman graduation rate is a measure of the percentage of the incoming freshman class who graduate 4 years later. In 2004-05, the averaged freshman graduation rate was 74.7 percent for public schools. The 2004-05 averaged freshman graduation rate was higher than in 1994-95 (71.8 percent), but about the same as the rate in 1984-85 (74.2 percent).

Table 26. High school graduates, by control of school and averaged freshman graduation rate: Selected years, 1976-77 through 2007-08

| School year | High school graduates, in thousands |  |  | Averaged freshman graduation rate for public schools (percent) |
| :---: | :---: | :---: | :---: | :---: |
|  | Total | Public | Private |  |
| 1976-77 | 3,152 | 2,837 | 315 | 74.4 |
| 1979-80 | 3,043 | 2,748 | 295 | 71.5 |
| 1984-851 | 2,677 | 2,414 | 263 | 74.2 |
| 1989-90 ${ }^{1}$ | 2,589 | 2,320 | 269 | 73.6 |
| 1990-91 | 2,493 | 2,235 | 258 | 73.7 |
| 1991-92 ${ }^{1}$ | 2,478 | 2,226 | 252 | 74.2 |
| 1992-93 | 2,480 | 2,233 | 247 | 73.8 |
| 1993-94 ${ }^{1}$ | 2,464 | 2,221 | 243 | 73.1 |
| 1994-95 | 2,520 | 2,274 | 246 | 71.8 |
| 1995-96 | 2,518 | 2,273 | 245 | 71.0 |
| 1996-97 | 2,612 | 2,358 | 254 | 71.3 |
| 1997-98 ${ }^{1}$ | 2,704 | 2,439 | 265 | 71.3 |
| 1998-99 | 2,759 | 2,486 | 273 | 71.1 |
| 1999-2000 ${ }^{1}$ | 2,833 | 2,554 | 279 | 71.7 |
| 2000-01 | 2,848 | 2,569 | 279 | 71.7 |
| 2001-02 ${ }^{1}$ | 2,907 | 2,622 | 285 | 72.6 |
| 2002-03 | 3,016 | 2,720 | 296 | 73.9 |
| 2003-04 ${ }^{1}$ | 3,052 | 2,753 | 299 | 74.3 |
| 2004-05 ${ }^{1}$ | 3,103 | 2,799 | 304 | 74.7 |
| 2005-06 ${ }^{2}$ | 3,191 | 2,882 | 309 | 75.2 |
| 2006-07 ${ }^{2}$ | 3,240 | 2,929 | 311 | 74.8 |
| 2007-08 ${ }^{2}$ | 3,303 | 2,988 | 315 | 74.4 |

${ }^{1}$ Private high school data are estimated.
${ }^{2}$ Projected.
NOTE: Graduates include diploma recipients only and exclude other completers.

## Dropouts

The dropout rate among 16 - to 24 -year-olds has declined over the past 20 years. Rates for Hispanics, Blacks, and Whites have declined over this period. The dropout rate for Hispanics in 2006 (22 percent) was higher than the rates for Whites ( 6 percent) or Blacks ( 11 percent).

Table 27. Percentage of high school dropouts (status dropouts) among persons 16 to 24 years old, by race/ethnicity: Selected years, 1975 through 2006

| Year | All races | White | Black | Hispanic |
| :--- | ---: | ---: | ---: | ---: |
| 1975 | 13.9 | 11.4 | 22.9 | 29.2 |
| 1980 | 14.1 | 11.4 | 19.1 | 35.2 |
| 1985 | 12.6 | 10.4 | 15.2 | 27.6 |
| 1986 | 12.2 | 9.7 | 14.2 | 30.1 |
| 1990 | 12.1 | 9.0 | 13.2 | 32.4 |
| $1995^{1}$ | 12.0 | 8.6 | 12.1 | 30.0 |
| $1996^{1}$ | 11.1 | 7.3 | 13.0 | 29.4 |
| $1999^{1}$ | 11.2 | 7.3 | 12.6 | 28.6 |
| $2000^{1}$ | 10.9 | 6.9 | 13.1 | 27.8 |
| $2001^{1}$ | 10.7 | 7.3 | 10.9 | 27.0 |
| $2002^{1}$ | 10.5 | 6.5 | 11.3 | 25.7 |
| $2003^{1}$ | 9.9 | 6.3 | 10.9 | 23.5 |
| $2004^{1}$ | 10.3 | 6.8 | 11.8 | 23.8 |
| $2005^{1}$ | 9.4 | 6.0 | 10.4 | 22.4 |
| $2006^{1}$ | 9.3 | 5.8 | 10.7 | 22.1 |

${ }^{1}$ Wording of questionnaire on educational attainment was changed in 1992.

NOTE: Status dropouts are persons not enrolled in school who neither completed high school, nor received GED credentials. Race categories exclude persons of Hispanic ethnicity.

## College Degrees

Between 1995-96 and 2005-06, the number of people earning associate's degrees increased 28 percent, bachelor's degrees 28 percent, master's degrees 46 percent, firstprofessional degrees 14 percent, and doctor's degrees 26 percent. Also, females receiving all types of degrees increased at a faster rate than for males between 1995-96 and 2005-06 (see Digest of Education Statistics, 2007, table 258). Between 1995-96 and 2005-06, the number of bachelor's degrees awarded to males increased by 21 percent, while those awarded to females increased by 33 percent.

The number of degrees conferred by colleges and universities in 2005-06 was: 713,000 associate's degrees; $1,485,000$ bachelor's degrees; 594,000 master's degrees; 88,000 first-professional degrees; and 56,000 doctor's degrees. In 2005-06, females earned the majority of degrees at the associate's, bachelor's, and master's degree levels (see Digest of Education Statistics, 2007, table 258).

Of the $1,485,000$ bachelor's degrees conferred in 2005-06, the largest numbers of degrees were conferred in the fields of business $(318,000)$, social sciences and history $(161,000)$, and education $(107,000)$ (see Digest of Education Statistics, 2007, table 261). At the master's degree level, the largest numbers of degrees were in the fields of education $(175,000)$ and business $(146,000)$ (see Digest of Education Statistics, 2007, table 262). The fields with the largest number of degrees at the doctor's degree level were education $(7,600)$, engineering $(7,400)$, health professions and related clinical sciences $(7,100)$, biological and biomedical sciences $(5,800)$, psychology $(4,900)$, and physical sciences $(4,500)$ (see Digest of Education Statistics, 2007, table 263).

Table 28. Associate's and bachelor's degrees conferred and percent of bachelor's degrees awarded to females by degree-granting institutions: Selected years, 1969-70 through 2005-06

|  | Associate's <br> degrees | Percent of bach- <br> Blor's degrees <br> awarded to <br> degrees | females |
| :--- | ---: | ---: | ---: |
| Year | 206,023 | 792,316 | 43.1 |
| $1969-70$ | 400,910 | 929,417 | 49.0 |
| $1979-80$ | 454,712 | 979,477 | 50.7 |
| $1984-85$ | 436,304 | 991,264 | 51.5 |
| $1986-87$ | 435,085 | 994,829 | 52.0 |
| $1987-88$ | 436,764 | $1,018,755$ | 52.6 |
| $1988-89$ | 455,102 | $1,051,344$ | 53.2 |
| $1989-90$ | 481,720 | $1,094,538$ | 53.9 |
| $1990-91$ | 504,231 | $1,136,553$ | 54.2 |
| $1991-92$ | 514,756 | $1,165,178$ | 54.3 |
| $1992-93$ | 530,632 | $1,169,275$ | 54.5 |
| $1993-94$ | 539,691 | $1,160,134$ | 54.6 |
| $1994-95$ | 555,216 | $1,164,792$ | 55.1 |
| $1995-96$ | 571,226 | $1,172,879$ | 55.6 |
| $1996-97$ | 558,555 | $1,184,406$ | 56.1 |
| $1997-98$ | 559,954 | $1,200,303$ | 56.8 |
| $1998-99$ | 564,933 | $1,237,875$ | 57.2 |
| $1999-2000$ | 578,865 | $1,244,171$ | 57.3 |
| $2000-01$ | 595,133 | $1,291,900$ | 57.4 |
| $2001-02$ | 634,016 | $1,348,811$ | 57.5 |
| $2002-03$ | 665,301 | $1,399,542$ | 57.5 |
| $2003-04$ | 696,660 | $1,439,264$ | 57.4 |
| $2004-05$ | 713,066 | $1,485,242$ | 57.5 |
| $2005-06$ |  |  |  |

Table 29. Master's, first-professional, and doctor's degrees conferred by degree-granting institutions: Selected years, 1969-70 through 2005-06

| Year | Master's <br> degrees | First- <br> professional <br> degrees | Doctor's <br> degrees |
| :--- | ---: | ---: | ---: |
| $1969-70$ | 208,291 | 34,918 | 29,866 |
| $1979-80$ | 298,081 | 70,131 | 32,615 |
| $1984-85$ | 286,251 | 75,063 | 32,943 |
| $1985-86$ | 288,567 | 73,910 | 33,653 |
| $1986-87$ | 289,349 | 71,617 | 34,041 |
| $1987-88$ | 299,317 | 70,735 | 34,870 |
| $1988-89$ | 310,621 | 70,856 | 35,720 |
| $1989-90$ | 324,301 | 70,988 | 38,371 |
| $1990-91$ | 337,168 | 71,948 | 39,294 |
| $1991-92$ | 352,838 | 74,146 | 40,619 |
| $1992-93$ | 369,585 | 75,387 | 42,132 |
| $1993-94$ | 387,070 | 75,418 | 43,185 |
| $1994-95$ | 397,629 | 75,800 | 44,446 |
| $1995-96$ | 406,301 | 76,734 | 44,652 |
| $1996-97$ | 419,401 | 78,730 | 45,876 |
| $1997-98$ | 430,164 | 78,598 | 46,010 |
| $1998-99$ | 439,986 | 78,439 | 44,077 |
| $1999-2000$ | 45,056 | 80,057 | 44,808 |
| $2000-01$ | 468,476 | 79,707 | 44,904 |
| $2001-02$ | 482,118 | 80,698 | 44,160 |
| $2002-03$ | 513,339 | 80,897 | 46,042 |
| $2003-04$ | 558,940 | 83,041 | 48,378 |
| $2004-05$ | 574,618 | 87,289 | 52,631 |
| $2005-06$ | 594,065 | 87,655 | 56,067 |

## Educational Attainment

Americans are completing more years of education. Between 1970 and 2007, the percentage of the adult population 25 years of age and over who completed high school or more rose from 55 percent to 86 percent. At the same time, the percentage of adults with a bachelor's or higher degree increased from 11 percent to 29 percent.

## Table 30. Percentage of persons 25 years and older who completed various years of school: Selected years, 1970 through 2007

|  | Less than <br> 5 years of <br> elementary <br> school | High school <br> completion <br> or higher | Bachelor's <br> or higher <br> degree |
| ---: | ---: | ---: | ---: |
| Year | 5.3 | 55.2 | 11.0 |
| 1970 | 3.4 | 68.6 | 17.0 |
| 1980 | 2.7 | 73.9 | 19.4 |
| 1985 | 2.4 | 7.6 | 21.3 |
| 1990 | 1.8 | 8.7 | 23.0 |
| 1995 | 1.6 | 84.1 | 25.6 |
| 2000 | 1.6 | 84.3 | 26.1 |
| 2001 | 1.6 | 84.1 | 26.7 |
| 2002 | 1.6 | 84.6 | 27.2 |
| 2003 | 1.5 | 85.2 | 27.7 |
| 2004 | 1.6 | 85.2 | 27.6 |
| 2005 | 1.5 | 85.5 | 28.0 |
| 2006 | 1.5 | 85.7 | 28.7 |
| 2007 |  |  |  |

NOTE: High school completers include those earning a high school diploma or an equivalency credential such as a GED.

Finance

## Total Expenditures

Expenditures for public and private education, from preprimary through graduate school, are projected at $\$ 972$ billion for 2006-07. The expenditures of elementary and secondary schools are expected to total $\$ 599$ billion for 2006-07, while colleges and universities will spend about $\$ 373$ billion (see Digest of Education Statistics, 2007, table 26). After adjustment for inflation, total expenditures for all educational institutions rose by an estimated 40 percent between 1996-97 and 2006-07. Expenditures for elementary and secondary schools rose by an estimated 38 percent during this period, while total expenditures for colleges and universities rose by 45 percent.

The total expenditures for education are estimated to amount to about 7.4 percent of the gross domestic product in 2006-07.

Table 31. Total expenditures of educational institutions and percent of gross domestic product: Selected years, 1980-81 through 2006-07

|  | Expenditures <br> in billions <br> of current <br> dollars | Efpenditures <br> in constlions |  |
| :--- | ---: | ---: | ---: |
| Year | 2006-07 <br> dollars $^{1}$ | Percent of <br> gross <br> domestic <br> product |  |
| $1980-81$ | $\$ 176.4$ | $\$ 415.6$ | 6.3 |
| $1985-86$ | 259.3 | 486.5 | 6.1 |
| $1989-90$ | 365.8 | 588.1 | 6.7 |
| $1990-91$ | 395.3 | 602.6 | 6.8 |
| $1991-92$ | 417.9 | 617.3 | 7.0 |
| $1992-93$ | 439.9 | 630.0 | 6.9 |
| $1993-94$ | 461.2 | 643.8 | 6.9 |
| $1994-95$ | 485.4 | 658.8 | 6.9 |
| $1995-96$ | 508.5 | 671.9 | 6.9 |
| $1996-97$ | 538.9 | 692.2 | 6.9 |
| $1997-98$ | 570.5 | 720.0 | 6.9 |
| $1998-99$ | 603.8 | 749.2 | 6.9 |
| $1999-2000$ | 649.3 | 783.0 | 7.0 |
| $2000-01$ | 705.0 | 822.0 | 7.2 |
| $2001-02$ | 752.8 | 862.4 | 7.4 |
| $2002-03$ | 795.7 | 891.9 | 7.6 |
| $2003-04$ | 830.3 | 910.8 | 7.6 |
| $2004-05$ | 875.5 | 932.3 | 7.5 |
| $2005-06^{2}$ | 923.0 | 946.9 | 7.4 |
| $2006-07^{2}$ | 972.0 | 972.0 | 7.4 |

${ }^{1}$ Constant 2006-07 dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor.
${ }^{2}$ Projected.
NOTE: Includes expenditures for public and private education, from preprimary through graduate school.

## Public Elementary and Secondary Schools

## Revenues

The state share of revenues for public elementary and secondary schools generally grew from the 1930s through the mid-1980s, while the local share declined during the same time period (see Digest of Education Statistics, 2007, table 162 and figure 9). However, this pattern changed in the late 1980 s, when the local share began to increase at the same time the state share decreased. Between 1986-87 and 1993-94, the state share decreased from 49.7 percent to 45.2 percent, while the local share rose from 43.9 percent to 47.8 percent. Between 1993-94 and 2000-01, the state share rose again to 49.7 percent, the highest share since 1986-87, but decreased every school year afterward until 2004-05, when the state share was 46.9 percent. Between 1994-95 and 2004-05, the federal share of revenues rose to 9.2 percent and the local share decreased to 44.0 percent.

Total revenues increased 79 percent between 1994-95 and 2004-05. Federal revenues increased 141 percent, state revenues increased 79 percent and local revenues rose 69 percent over the time period (see Digest of Education Statistics, 2007, table 162). In 2004-05, the federal revenue per student was $\$ 918$.

Table 32. Percentage distribution of revenues for public elementary and secondary schools, by source of funds: Selected years, 1970-71 through 2004-05

| Year | Federal | State | Local ${ }^{1}$ |
| :--- | ---: | ---: | ---: |
| $1970-71$ | 8.4 | 39.1 | 52.5 |
| $1980-81$ | 9.2 | 47.4 | 43.4 |
| $1984-85$ | 6.6 | 48.9 | 44.4 |
| $1985-86$ | 6.7 | 49.4 | 43.9 |
| $1986-87$ | 6.4 | 49.7 | 43.9 |
| $1988-89$ | 6.2 | 47.8 | 46.0 |
| $1989-90$ | 6.1 | 47.1 | 46.8 |
| $1990-91$ | 6.2 | 47.2 | 46.7 |
| $1992-93$ | 7.0 | 45.8 | 47.2 |
| $1993-94$ | 7.1 | 45.2 | 47.8 |
| $1994-95$ | 6.8 | 46.8 | 46.4 |
| $1995-96$ | 6.6 | 47.5 | 45.9 |
| $1996-97$ | 6.6 | 48.0 | 45.4 |
| $1997-98$ | 6.8 | 48.4 | 44.8 |
| $1998-99$ | 7.1 | 48.7 | 44.2 |
| $1999-2000$ | 7.3 | 49.5 | 43.2 |
| $2000-01$ | 7.3 | 49.7 | 43.0 |
| $2001-02$ | 7.9 | 49.2 | 42.9 |
| $2002-03$ | 8.5 | 48.7 | 42.8 |
| $2003-04$ | 9.1 | 47.1 | 43.9 |
| $2004-05$ | 9.2 | 46.9 | 44.0 |

${ }^{1}$ Includes a relatively small ( 2.3 percent in 2004-05) amount from nongovernmental sources.
NOTE: Beginning in 1980-81, revenues for state education agencies are excluded. Beginning in 1988-89, new survey procedures were implemented. Detail may not sum to totals because of rounding.

## Expenditures

After an increase during the 1980s, current expenditure per student in public schools stabilized during the early 1990s. Between 1994-95 and 2004-05, current expenditure per student rose 23 percent after adjustment for inflation. In 2004-05, the current expenditure per student in fall enrollment was $\$ 8,701$ ( $\$ 9,266$ in constant 2006-07 dollars).

Table 33. Total and current expenditure per pupil in fall enrollment in public schools: Selected years, 1970-71 through 2004-05

|  | Total expenditure ${ }^{1}$ |  | Current expenditure |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Unad- | Constant | Unad- | Constant |
|  | justed | 2006-07 | justed | 2006-07 |
| Year | dollars | dollars ${ }^{2}$ | dollars | dollars ${ }^{2}$ |
| 1970-71 | \$970 | \$4,986 | \$842 | \$4,328 |
| 1980-81 | 2,529 ${ }^{3}$ | $5,961^{3}$ | 2,307 | 5,438 |
| 1990-91 | 5,486 | 8,363 | 4,902 | 7,472 |
| 1994-95 | 6,208 | 8,426 | 5,529 | 7,504 |
| 1995-96 | 6,443 | 8,513 | 5,689 | 7,517 |
| 1996-97 | 6,764 | 8,689 | 5,923 | 7,609 |
| 1997-98 | 7,142 | 9,014 | 6,189 | 7,811 |
| 1998-99 | 7,533 | 9,346 | 6,508 | 8,074 |
| 1999-2000 | 8,033 | 9,686 | 6,912 | 8,335 |
| 2000-01 | 8,575 | 9,997 | 7,380 | 8,604 |
| 2001-02 | 8,996 | 10,305 | 7,727 | 8,853 |
| 2002-03 | 9,299 | 10,423 | 8,044 | 9,017 |
| 2003-04 | 9,627 | 10,561 | 8,310 | 9,116 |
| 2004-05 | 10,071 | 10,725 | 8,701 | 9,266 |
| ${ }^{1}$ Includes current expenditures, capital outlay, and interest on school debt. |  |  |  |  |
| ${ }^{2}$ Constant 200 by the Bureau ${ }^{3}$ Estimated. | 7 dollars b abor Statis | ed on the Co <br> s, U.S. Departm | mer Price Inde t of Labor. | prepared |

## Degree-Granting Institutions

Revenues for Public Institutions
The largest single source of revenue for public 4 -year and 2 -year institutions was state appropriations, amounting to 24 percent of total revenue in 2004-05. Public institutions received 16 percent of their revenue from tuition and fees and 13 percent from federal grants and contracts.

## Table 34. Revenues of public degree-granting institutions, by source: 2004-05

|  |  |  | Revenue <br> per |
| :---: | ---: | ---: | ---: |
|  | Reve- <br> nue, in <br> billions | Percent- <br> age distri- <br> bution | equivalent <br> student |
| Source | $\mathbf{\$ 2 3 4 . 8}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{\$ 2 5 , 1 2 2}$ |
| Total revenues | 136.8 | 58.2 | 14,360 |
| Operating revenues | 38.5 | 16.4 | 4,121 |
| Tuition and fees ${ }^{2}$ | 44.4 | 18.9 | 4,747 |
| Grants and contracts | 30.1 | 12.8 | 3,217 |
| Federal (excludes FDSL ${ }^{3}$ ) | 6.8 | 2.9 | 729 |
| State | 7.5 | 3.2 | 801 |
| Local | 53.9 | 22.9 | 5,762 |
| Other operating revenues | 85.5 | 36.4 | 9,148 |
| Nonoperating revenues | 1.8 | 0.8 | 191 |
| Federal appropriations | 55.3 | 23.6 | 5,918 |
| State appropriations | 7.7 | 3.3 | 822 |
| Local appropriations | 20.7 | 8.8 | 2,217 |
| Other nonoperating | 12.6 | 5.3 | 1,343 |
| Other revenues and additions | 12.3 |  |  |

'Enrollment of full-time students, plus the full-time equivalent of the parttime students.
${ }^{2}$ Net of allowances and discounts.
${ }^{3}$ Federal Direct Student Loans.
NOTE: Includes data for public colleges reporting data according to the Financial Accounting Standards Board (FASB) financial questionnaire.
Detail may not sum to totals because of rounding.

## Revenues for Private (not-for-profit) Institutions

 Private (not-for-profit) 4-year and 2-year institutions received 30 percent of their revenues from student tuition and fees in 2004-05. The next largest sources for 2004-05 were investment return ( 22 percent), federal government (14 percent), and private gifts and grants (12 percent).Table 35. Revenues of private not-for-profit degree-granting institutions, by source: 2004-05

| Source | Revenue, in billions | Percentage distribution | Revenue per full-time equivalent student |
| :---: | :---: | :---: | :---: |
| Total | \$140.2 | 100.0 | \$48,842 |
| Tuition and fees | 41.4 | 29.5 | 14,426 |
| Federal government ${ }^{2}$ | 19.7 | 14.1 | 6,865 |
| State governments | 1.5 | 1.0 | 512 |
| Local governments | 0.5 | 0.3 | 170 |
| Private gifts and grants ${ }^{3}$ | 16.7 | 11.9 | 5,833 |
| Investment return | 30.4 | 21.7 | 10,605 |
| Educational activities | 3.6 | 2.6 | 1,253 |
| Auxiliary enterprises | 10.8 | 7.7 | 3,772 |
| Hospitals | 10.4 | 7.4 | 3,617 |
| Other | 5.1 | 3.7 | 1,788 |

${ }^{1}$ Enrollment of full-time students, plus the full-time equivalent of the parttime students.
${ }^{2}$ Includes independent operations.
${ }^{3}$ Includes contracts and contributions from affiliated entities.
NOTE: Detail may not sum to totals because of rounding.

## Revenues for Private (for-profit) Institutions

Private (for-profit) 4-year and 2-year institutions received 87 percent of their revenues from student tuition and fees in 2004-05. The next largest sources in 2004-05 were federal government ( 6 percent) and auxiliary enterprises ( 2 percent).

Table 36. Revenues of private for-profit degreegranting institutions, by source of funds: 2004-05

| Source | Revenue, in billions | Percentage distribution | Revenue per full-time equivalent student ${ }^{1}$ |
| :---: | :---: | :---: | :---: |
| Total | \$10.98 | 100.0 | \$13,931 |
| Tuition and fees | 9.57 | 87.1 | 12,139 |
| Federal government | 0.67 | 6.1 | 855 |
| State and local governments | 0.06 | 0.6 | 80 |
| Private gifts, grants, and contracts | 0.01 | 0.1 | 9 |
| Investment return | 0.02 | 0.2 | 31 |
| Educational activities | 0.23 | 2.1 | 294 |
| Auxiliary enterprises | 0.25 | 2.3 | 320 |
| Other | 0.16 | 1.5 | 202 |

## Expenditures of Public Institutions

Expenditures at public 4 -year and 2 -year degree-granting institutions totaled $\$ 216$ billion in 2004-05, amounting to $\$ 23,353$ per full-time-equivalent student. The largest category of expenditures was instruction.

## Table 37. Expenditures of public degree-granting institutions, by purpose: 2004-05

|  |  |  | Expendi- <br> tures per |
| :--- | ---: | ---: | ---: |
|  | Expendi- <br> tures, in <br> billions | distribu- <br> age <br> dull-time <br> tion |  |
| equivalent |  |  |  |
| student |  |  |  |

[^7]
## Expenditures of Private (not-for-profit) Institutions

Expenditures at private (not-for-profit) 4 -year and 2 -year degree-granting institutions totaled $\$ 110$ billion in 2004-05, amounting to $\$ 38,472$ per full-time-equivalent student. Private (not-for-profit) institutions' largest expenditure category was instruction, which accounted for 33 percent of their expenditures in 2004-05. The next largest expenditure was institutional support, which accounted for 13 percent.

## Table 38. Total expenditures of private not-forprofit degree-granting institutions, by purpose: 2004-05

| Purpose | Expenditures, in billions | Percent- <br> age <br> distri- <br> bution | Expenditures per full-time equivalent student ${ }^{1}$ |
| :---: | :---: | :---: | :---: |
| Total | \$110.4 | 100.0 | \$38,472 |
| Instruction | 36.3 | 32.8 | 12,636 |
| Research | 12.8 | 11.6 | 4,465 |
| Public service | 2.0 | 1.8 | 697 |
| Academic support | 9.3 | 8.5 | 3,256 |
| Student services | 8.2 | 7.4 | 2,855 |
| Institutional support | 14.7 | 13.3 | 5,120 |
| Auxiliary enterprises | 10.9 | 9.9 | 3,814 |
| Net grant aid to students ${ }^{2}$ | 1.1 | 1.0 | 373 |
| Hospitals | 9.2 | 8.3 | 3,199 |
| Independent operations | 4.2 | 3.8 | 1,472 |
| Other | 1.7 | 1.5 | 585 |

${ }^{1}$ Enrollment of full-time students, plus the full-time equivalent of the parttime students.
${ }^{2}$ Excludes tuition and fee allowances and agency transactions, such as student awards made from contributed funds or grant funds.
NOTE: Detail may not sum to totals because of rounding.

## Expenditures of Private (for-profit) Institutions

Expenditures at private (for-profit) 4 -year and 2 -year degree-granting institutions totaled $\$ 9$ billion in 2004-05, amounting to $\$ 11,205$ per full-time-equivalent student. Private (for-profit) institutions' largest expenditure category was student services, academic and institutional support, which accounted for 64 percent of their expenditures in 2004-05. The next largest expenditure was instruction, which accounted for 26 percent of their expenditures.

## Table 39. Total expenditures of private for-profit degree-granting institutions, by purpose: 2004-05

| Purpose | Expenditures, in billions | Percentage distribution | Expenditures per full-time equivalent student ${ }^{1}$ |
| :---: | :---: | :---: | :---: |
| Total | \$8.83 | 100.0 | \$11,205 |
| Instruction | 2.31 | 26.2 | 2,936 |
| Research and public service | 0.01 | 0.1 | 10 |
| Student services, academic and institutional support | 5.69 | 64.5 | 7,224 |
| Auxiliary enterprises | 0.27 | 3.1 | 342 |
| Net grant aid to students ${ }^{2}$ | 0.05 | 0.6 | 70 |
| Other | 0.49 | 5.6 | 624 |
| ${ }^{1}$ Enrollment of full-time students, plus the full-time equivalent of the parttime students. <br> ${ }^{2}$ Excludes tuition and fee allowances and agency transactions, such as student awards made from contributed funds or grant funds. <br> NOTE: Detail may not sum to totals because of rounding. |  |  |  |

## College Costs

For the 2006-07 academic year, average annual undergraduate charges for tuition, room, and board were $\$ 12,805$ at public 4 -year institutions and $\$ 28,896$ at private 4 -year institutions.

Table 40. Average undergraduate tuition, room, and board charges, by type and control of institution: 1986-87, 1996-97, and 2006-07
[In constant 2006-07' dollars]

| Year and <br> control of <br> institution | Total tuition, room, and board |  |  |
| :--- | ---: | ---: | ---: |
|  | All <br> institutions | 4-year | 2-year |
| All |  |  |  |
| $1986-87$ | 11,554 | $\$ 10,945$ | $\$ 6,047$ |
| $1996-97$ | 15,434 | 13,927 | 6,288 |
| $2006-07$ |  | 18,445 | 7,497 |
| Public | 6,983 | 7,594 | 5,485 |
| $1986-87$ | 8,389 | 9,421 | 5,658 |
| 1996-97 | 11,034 | 12,805 | 6,810 |
| $2006-07$ |  |  |  |
| Private | 17,758 | 18,424 | 11,716 |
| $1986-87$ | 23,173 | 23,691 | 15,356 |
| $1996-97$ | 28,384 | 28,896 | 20,167 |
| $2006-07$ |  |  |  |

${ }^{1}$ Constant 2006-07 dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor.

## Financial Aid for Students

About 76 percent of all full-time undergraduate students received some form of financial aid in 2003-04. A higher percentage of students at private institutions received aid than students at public institutions. About 89 percent of full-time undergraduates at private not-for-profit institutions received aid compared with 71 percent at public institutions. Full-time students obtained aid through a variety of programs: 62 percent received some sort of federal aid, 23 percent received state aid, 31 percent received institutional aid, and 23 percent received aid from other sources (see Digest of Education Statistics, 2007, table 327). Private not-for-profit institutions provided institutional aid to 65 percent of their full-time undergraduates. For all full-time undergraduates, the average student aid package from all sources (including grants, loans, work-study, and other) totaled \$9,899 in 2003-04 (see Digest of Education Statistics, 2007, table 325).

In 2003-04, 87 percent of all full-time graduate students received some form of financial aid. About 64 percent of graduate students received loans, 38 percent received fellowships, and 22 percent received assistantships (see Digest of Education Statistics, 2007, table 334).

Table 41. Percentage of full-time undergraduate and graduate students receiving financial aid, by level of student and control and highest level of offering of institution: 2003-04

| Level of student and control <br> and highest level of offering <br> of institution | Aid <br> from all <br> sources | Grants | Loans |
| :---: | ---: | ---: | ---: |
| All undergraduates | $\mathbf{7 6 . 1}$ | $\mathbf{6 2 . 2}$ | $\mathbf{4 9 . 9}$ |
| Public | 71.1 | 56.0 | 42.6 |
| 4-year doctoral | 75.5 | 58.5 | 51.6 |
| Other 4-year | 77.0 | 58.8 | 52.2 |
| 2-year | 62.3 | 51.5 | 26.4 |
| Less than 2-year | 66.7 | 49.7 | 24.8 |
| Private, not-for-profit | 88.6 | 81.0 | 66.0 |
| 4-year doctoral | 84.1 | 75.9 | 60.8 |
| Other 4-year | 91.8 | 85.0 | 70.3 |
| Less than 4-year | 88.8 | 76.3 | 56.4 |
| Private, for-profit | 92.1 | 69.7 | 79.4 |
| All graduate students | $\mathbf{8 7 . 0}$ | - | $\mathbf{6 3 . 6}$ |
| Master's degree | 81.0 | - | 58.4 |
| Public | 79.2 | - | 48.5 |
| Private | 82.9 | - | 68.7 |
| Doctor's degree | 92.9 | - | 38.4 |
| Public | 93.7 | - | 34.1 |
| Private | 91.7 | - | 44.2 |
| First-professional | 92.1 | - | 84.7 |
| Public | 92.2 | - | 84.1 |
| Private | 91.9 | - | 85.1 |

[^8]
## Federal Funding

Federal on-budget support for education showed sizable growth between fiscal years (FY) 1965 and 2006, after adjustment for inflation. (On-budget support excludes education funds that are generated by federal subsidies, such as Federal Family Education Loans and the Federal Direct Student Loans.) Particularly large increases occurred between 1965 and 1975. After a period of relative stability between 1975 and 1980, federal funding for education declined approximately 16 percent between 1980 and 1985 after adjustment for inflation. Thereafter, federal on-budget funding for education generally increased, showing a rise of 145 percent from 1985 to 2006, after adjustment for inflation.

For FY 2007, estimates show federal program funds for elementary and secondary education at $\$ 71.7$ billion, for postsecondary education at $\$ 36.6$ billion, and for other programs at $\$ 7.6$ billion (see Digest of Education Statistics, 2007, table 360).

According to FY 2006 estimates, $\$ 93.6$ billion (about 56 percent of the $\$ 166.5$ billion spent by the federal government on education) came from the U.S. Department of Education (see Digest of Education Statistics, 2007, table 361). Large amounts of money also came from the U.S. Department of Health and Human Services (\$25.9 billion), the U.S. Department of Agriculture ( $\$ 14.5$ billion), the U.S. Department of Defense ( $\$ 5.9$ billion), the U.S. Department of Labor ( $\$ 5.4$ billion), the U.S. Department of Veterans Affairs ( $\$ 4.5$ billion), the National Science Foundation (\$4.1 billion), and the U.S. Department of Energy (\$4.0 billion).

Table 42. Federal on-budget funds for education: Selected fiscal years 1965 through 2006 [In billions of dollars]

|  | Total on-budget support |  |
| :--- | ---: | ---: |
| Year | Unadjusted <br> dollars | Constant 2007 <br> dollars |
| 1965 | $\$ 5.3$ | $\$ 33.4$ |
| 1970 | 12.5 | 64.0 |
| 1975 | 23.3 | 83.1 |
| 1980 | 34.5 | 82.8 |
| 1985 | 39.0 | 69.5 |
| 1990 | 51.6 | 79.1 |
| 1992 | 60.5 | 85.9 |
| 1993 | 67.7 | 93.8 |
| 1994 | 68.3 | 92.6 |
| 1995 | 71.6 | 94.9 |
| 1996 | 71.3 | 92.3 |
| 1997 | 73.7 | 93.7 |
| 1998 | 76.9 | 96.7 |
| 1999 | 82.9 | 102.7 |
| 2000 | 85.9 | 103.8 |
| 2001 | 94.8 | 111.9 |
| 2002 | 109.2 | 126.5 |
| 2003 | 124.4 | 140.3 |
| 2004 | 132.4 | 145.2 |
| 2005 | 146.0 | 154.6 |
| 2006 | 166.5 | 170.1 |
| Data adjusted by the federal funds composite deflator prepared by the |  |  |
| U.S. Office of Management and Budget. |  |  |

## Source Information

The following reports and surveys from the National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education (except where noted otherwise) were used as sources for this document.

Table 1: Digest of Education Statistics, 2007 (table 3), Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 1985-86 through 2005-06; Projections of Education Statistics to 2016.

Table 2: Digest of Education Statistics, 2007 (table 3), Private School Universe Survey (PSS), 1989-90 through 2003-04; Projections of Education Statistics to 2016.
Table 3: Digest of Education Statistics, 2007 (table 3), Projections of Education Statistics to 2016.
Table 4: Digest of Education Statistics, 2007 (table 41), U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1980 through October 2006.
Table 5: Digest of Education Statistics, 2007 (table 7), U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1970 through October 2006.
Table 6: Digest of Education Statistics, 2002 (table 42), U.S. Department of Education, Office for Civil Rights, 1986 State Summaries of Elementary and Secondary School Civil Rights Survey. Digest of Education Statistics, 2007 (table 40), Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1995-96 and 2005-06.
Table 7: Digest of Education Statistics, 2007 (table 47), Statistics of Public Elementary and Secondary School Systems, 1976-77 and 1980-81; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/ Secondary Education," 1990-91 through 2005-06; and

Projections of Education Statistics to 2016. 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, selected years, 1977 through 1996; and Individuals with Disabilities Education Act (IDEA) data base, retrieved on September 22, 2005 from http://www. ideadata.org/partBdata.asp.
Table 8: Digest of Education Statistics, 2007 (table 187), 1990, 2000, and 2005 Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDSEF:90), and Spring 2001 and Spring 2006.
Table 9: Digest of Education Statistics, 2007 (table 187), 1990, 2000, and 2005 Integrated Postsecondary Education Data System (IPEDS),"Fall Enrollment Survey" (IPEDSEF:90), and Spring 2001 and Spring 2006.
Table 10: Digest of Education Statistics, 2007 (table 7), U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1985 through October 2006.
Table 11: Digest of Education Statistics, 2007 (table 181), 1990, 2000, and 2005 Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDSEF:90), Spring 2001 and Spring 2006; and Projections of Education Statistics to 2016. U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1990, 2000, and 2005.
Table 12: Digest of Education Statistics, 2007 (table 216), Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" survey, 1980; 1990, 2000, and 2005 Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90), Spring 2001 and Spring 2006.
Table 13: Digest of Education Statistics, 2007 (table 197), Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 through 1985; 1990 through 2005 Integrated Postsecondary Education Data System (IPEDS), "Fall

Enrollment Survey" (IPEDS-EF:90-99), and Spring 2001 through Spring 2006.
Table 14: Digest of Education Statistics, 2007 (table 198), Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 through 1985; 1990 through 2005 Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90-99), and Spring 2001 through Spring 2006.
Table 15: Digest of Education Statistics, 2007 (table 61), Statistics of Public Elementary and Secondary Day Schools, 1980-81; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1990-91 through 2005-06; Private School Universe Survey (PSS), 1989-90 through 2003-04; Projections of Education Statistics to 2016; and unpublished data.
Table 16: Digest of Education Statistics, 2007 (table 75), National Education Association, Estimates of School Statistics, 1970-71 through 2005-06; and unpublished tabulations.
Table 17: Digest of Education Statistics, 2007 (table 65), Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," 2003-04.
Table 18: Digest of Education Statistics, 2007 (table 65), Schools and Staffing Survey (SASS), "Private Teacher Questionnaire," 2003-04.
Table 19: Digest of Education Statistics, 2007 (table 235), 2005 Integrated Postsecondary Education Data System (IPEDS), Winter 2005-06.
Tables 20 and 21: Digest of Education Statistics, 2007 (table 247), Higher Education General Information Survey (HEGIS), "Faculty Salaries, Tenure, and Fringe Benefits" surveys, 1970-71 through 1985-86; and 1990-91 through 2006-07 Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty Survey" (IPEDS-SA:90-99), and Winter 2001 through Winter 2006.

Table 22: Digest of Education Statistics, 2007 (table 112), National Assessment of Educational Progress (NAEP), NAEP 2004 Trends in Academic Progress.
Table 23: Digest of Education Statistics, 2007 (table 125), National Assessment of Educational Progress (NAEP), NAEP 2004 Trends in Academic Progress.
Table 24: Digest of Education Statistics, 2007 (table 132), National Assessment of Educational Progress (NAEP), NAEP Data Explorer (http://nces.ed.gov/nations reportcard/nde/), retrieved November 2006.
Table 25: Digest of Education Statistics, 2007 (table 144), High School and Beyond Longitudinal Study of 1980 Sophomores (HS\&B-So:80/82),"High School Transcript Study"; and 1998 and 2005 High School Transcript Study (HSTS).
Table 26: Digest of Education Statistics, 2007 (table 100), Statistics of Public Elementary and Secondary School Systems, 1976-77 and 1979-80; Statistics of Nonpublic Elementary and Secondary Schools, 1976 through 1980; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1984-85 through 2005-06; Private School Universe Survey (PSS), 1989 through 2003; and Projections of Education Statistics to 2016.
Table 27: Digest of Education Statistics, 2007 (table 105), U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1975 through October 2006.
Tables 28 and 29: Digest of Education Statistics, 2007 (table 258), Higher Education General Information Survey (HEGIS), "Degrees and other Formal Awards Conferred" surveys, 1969-70 through 1985-86; and 1986-87 through 2005-06 Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87-99), and Fall 2000 through Fall 2006.
Table 30: Digest of Education Statistics, 2007 (table 8), U.S. Department of Commerce, Census Bureau, Current

Population Reports, Series P-20, Current Population Survey (CPS), March 1970 through March 2007.
Table 31: Digest of Education Statistics, 2007 (tables 25 and 26), Revenues and Expenditures for Public Elementary and Secondary Education, 1980-81 and 1985-86; Common Core of Data (CCD), "National Public Education Financial Survey," 1989-90 through 2004-05; Higher Education General Information Survey (HEGIS), Financial Statistics of Institutions of Higher Education, 1980-81 and 1985-86; 1989-90 through 2004-05 Integrated Postsecondary Education Data System (IPEDS), "Finance Survey" (IPEDS-F:FY89-99), and Spring 2002 through Spring 2005. U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data.
Tables 32 and 33: Digest of Education Statistics, 2007 (tables 162 and 171), Revenues and Expenditures for Public Elementary and Secondary Education, 1970-71 through 1985-86; Common Core of Data (CCD), "National Public Education Financial Survey," 1986-87 through 2004-05.
Table 34: Digest of Education Statistics, 2007 (table 338), 2004-05 Integrated Postsecondary Education Data System (IPEDS), Spring 2005 and Spring 2006.
Table 35: Digest of Education Statistics, 2007 (table 341), 2004-05 Integrated Postsecondary Education Data System (IPEDS), Spring 2005 and Spring 2006.
Table 36: Digest of Education Statistics, 2007 (table 344), 2004-05 Integrated Postsecondary Education Data System (IPEDS), Spring 2005 and Spring 2006.
Table 37: Digest of Education Statistics, 2007 (table 348), 2004-05 Integrated Postsecondary Education Data System (IPEDS), Spring 2005 and Spring 2006.
Table 38: Digest of Education Statistics, 2007 (table 350), 2004-05 Integrated Postsecondary Education Data System (IPEDS), Spring 2005 and Spring 2006.
Table 39: Digest of Education Statistics, 2007 (table 352), 2004-05 Integrated Postsecondary Education Data System (IPEDS), Spring 2005 and Spring 2006.

Table 40: Digest of Education Statistics, 2007 (tables 31 and 320), Higher Education General Information Survey (HEGIS), "Institutional Characteristics of Colleges and Universities" survey, 1986-87; "Fall Enrollment in Institutions of Higher Education" survey, 1986; and 1996-97 and 2006-07 Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:96), "Institutional Characteristics Survey" (IPEDS-C:96), Spring 2006, and Fall 2006. U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index.
Table 41: Digest of Education Statistics, 2007 (tables 328 and 334), 2003-04 National Postsecondary Student Aid Study (NPSAS:04).
Table 42: Digest of Education Statistics, 2007 (table 360), U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, Budget of the U.S. Government, Appendix, fiscal years 1967 through 2008. National Science Foundation, Federal Funds for Research and Development, fiscal years 1967 through 2007.


[^0]:    ${ }^{1}$ Tables in this report on elementary and secondary schools do not include data on home-schooled children. In 2003, there were 1.1 million homeschooled children (Homeschooling in the United States, NCES 2006-042).

[^1]:    ${ }^{1}$ Estimated.
    ${ }^{2}$ Projected.
    NOTE: Detail may not sum to totals because of rounding.

[^2]:    NOTE: Detail may not sum to totals because of rounding.

[^3]:    ¹ Digest of Education Statistics, 2002.
    NOTE: Race categories exclude persons of Hispanic origin. Detail may not sum to totals because of rounding.

[^4]:    NOTE: Detail may not sum to totals because of rounding.

[^5]:    NOTE: Detail may not sum to totals because of rounding.

[^6]:    - Not available.

    NOTE: Scale ranges from 0 to 500 . Race categories exclude persons of Hispanic ethnicity.

[^7]:    ${ }^{1}$ Enrollment of full-time students, plus the full-time equivalent of the parttime students.
    ${ }^{2}$ Excludes discounts and allowances.
    NOTE: Detail may not sum to totals because of rounding.

[^8]:    - Not available.

