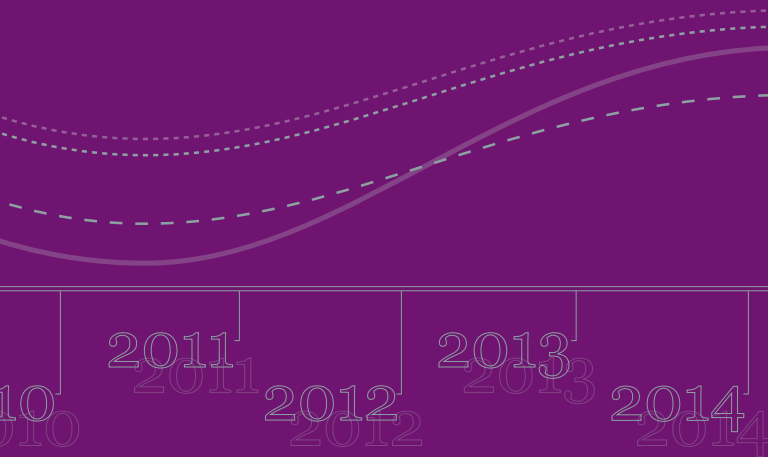




U.S. Department of Education  
Institute of Education Sciences  
NCES 2005-065

# Pocket Projections

## Projections of Education Statistics to 2014



Welcome to the 16<sup>th</sup> edition of the ***Pocket Projections***, an easy reference for materials found in detail in the ***Projections of Education Statistics to 2014***.

These booklets provide NCES information on projected enrollments at all education levels, numbers of high school graduates, earned degrees conferred, teachers, and expenditures. In addition, there is a state-level figure on public elementary and secondary enrollment.

Robin Gurley of the Education Statistics Services Institute (ESSI) provided editorial and production support for this booklet. Elina Hartwell, also of ESSI, designed the cover.

To view, download, and learn about all NCES publications and data resources, visit the NCES website at <http://nces.ed.gov>. You can use the search tools for answers to your data questions, construct a table using NCES databases, or sign-up for News Flash to receive electronic notices about new releases.

For ordering information on this report, or the full ***Projections of Education Statistics to 2014***, write: U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398. Call toll free 1-877-4ED-Pubs or order online at <http://www.edpubs.org>

Look for the release of the ***Projections of Education Statistics to 2015*** in summer 2006.



**U.S. Department of Education**  
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# **Pocket Projections**

## **Projections of Education Statistics to 2014**

**September 2005**

William J. Hussar

**U.S. Department of Education**

Margaret Spellings

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Grover J. Whitehurst

*Director***National Center for Education Statistics**

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*Acting Commissioner*

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, 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 educational activities in foreign countries.

If you have any comments or suggestions about this or any other NCES product or report, we would like to hear from you. Please direct your comments to:

National Center for Education Statistics

Institute of Education Sciences

U.S. Department of Education

1990 K Street, NW

Washington, DC 20006-5561

September 2005

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## Highlights

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For the period 2002–03 to 2013–14:

- Public and private elementary and secondary enrollment—3 percent increase.
- Postsecondary enrollment in degree-granting institutions—16 percent increase.
- High school graduates—5 percent increase.
- Bachelor's degrees—17 percent increase.

# Population

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	1991–92	2002–03	2013–14 (projected)	Percent change 2002–03 to 2013–14
	(Numbers in thousands)			
<b>School-age</b>				
3–5 years .....	11,151	11,525	13,033	13
5–13 years .....	32,609	36,952	37,670	2
14–17 years ...	13,491	16,320	16,023	-2
<b>College-age</b>				
18 years .....	3,410	4,049	4,168	3
18–24 years...	26,655	28,553	30,671	7
25–29 years...	21,044	18,949	21,682	14
30–34 years...	22,387	20,849	21,630	4
35–44 years...	39,413	44,797	40,794	-9

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SOURCE: Tables B2–B4, *Projections of Education Statistics to 2014*.

# Elementary/secondary education

	1991–92	2002–03	2013–14 (projected)	Percent change 2002–03 to 2013–14
(Numbers in thousands)				
<b>Enrollment</b>				
Total .....	47,322	54,604	56,225	3
Public .....	42,047	48,202	49,584	3
Private .....	5,275	6,401	6,641	4
<b>Grades K–8.....</b>	34,619	39,177	40,499	3
Public .....	30,506	34,135	35,268	3
Private .....	4,113	5,042	5,231	4
<b>Grades 9–12.....</b>	12,703	15,426	15,725	2
Public .....	11,541	14,067	14,315	2
Private .....	1,162	1,359	1,410	4
<b>High school graduates<sup>1</sup></b>				
Total .....	2,478	3,044	3,209	5
Public .....	2,226	2,744	2,881	5
Private .....	252	301	328	9

<sup>1</sup>Data for 2002–03 are projected.

SOURCE: Tables 1 and 23, *Projections of Education Statistics to 2014*.

# Elementary/secondary education

	1991–92	2002–03	2013–14 (projected)	Percent change 2002–03 to 2013–14
<b>Number of teachers</b>				
	(Numbers in thousands)			
Total .....	2,787	3,428	3,825	12
Public .....	2,432	3,034	3,382	11
Private <sup>1</sup> .....	355	394	443	12
<b>Pupil/teacher ratio</b>				
	(In units)			
Total .....	17.0	15.9	14.7	—
Public .....	17.3	15.9	14.7	—
Private .....	14.9	15.9	15.0	—
<b>Expenditures<sup>1</sup></b>				
	(Billions of constant 2002–03 dollars)			
Current expend- itures in public schools...	\$278.3	\$386.7	\$498.0	29

—Not available.

<sup>1</sup>Data for 2002–03 are projected.

SOURCE: Tables 31–33, *Projections of Education Statistics to 2014*.



# Elementary/secondary education

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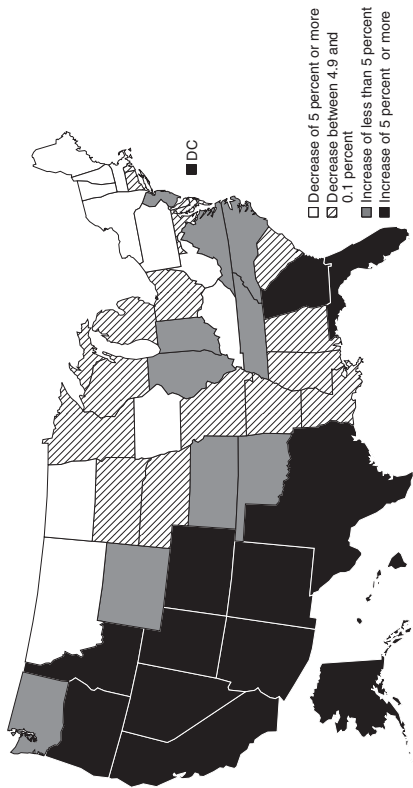
	1991–92	2002–03	2013–14 (projected)	Percent change 2002–03 to 2013–14
	(Constant 2002–03 dollars)			
<b>Expenditures<sup>1</sup></b>				
Current expend- itures per pupil in fall enrollment in public schools...	\$6,620	\$8,023	\$10,043	25
<b>Salaries</b>				
Estimated average annual salaries for teachers in public schools....	\$44,889	\$45,891	\$48,923	7

<sup>1</sup>Data for 2002–03 are projected.

SOURCE: Tables 33 and 35, *Projections of Education Statistics to 2014*.

## Percent change in grades K–12 enrollment in public schools, by state: Fall 2002 to fall 2014

# Elementary/secondary education



SOURCE: Table 5, *Projections of Education Statistics to 2014*, based on U.S. Department of Education, National Center for Education Statistics, Common Core of Data Surveys; and State Public Elementary and Secondary Enrollment Model.

# Degree-granting postsecondary education

	1991–92	2002–03	2013–14 (projected)	Percent change 2002–03 to 2013–14
(Numbers in thousands)				
<b>Enrollment</b>				
Total .....	14,359	16,612	19,290	16
<b>Sex</b>				
Men .....	6,502	7,202	8,034	12
Women .....	7,857	9,410	11,255	20
<b>Age</b>				
14–17 years .....	125	202	215	6
18–19 years .....	2,864	3,571	3,956	11
20–21 years .....	2,920	3,366	3,870	15
22–24 years .....	2,306	2,932	3,639	24
25–29 years .....	2,072	2,102	2,838	35
30–34 years .....	1,415	1,300	1,535	18
35 years and over .....	2,656	3,139	3,238	3

SOURCE: Tables 10 and 11, *Projections of Education Statistics to 2014*.

# Degree-granting postsecondary education

	1991–92	2002–03	2013–14 (projected)	Percent change 2002–03 to 2013–14
(Numbers in thousands)				
<b>Enrollment</b>				
<b>Control of institution</b>				
Public .....	11,310	12,752	14,730	16
Private .....	3,049	3,860	4,560	18
<b>Type of institution</b>				
4-year .....	8,707	10,082	11,961	19
2-year .....	5,652	6,529	7,329	12
<b>Attendance status</b>				
Full-time .....	8,115	9,946	11,815	19
Part-time .....	6,244	6,665	7,474	12
<b>Level</b>				
Undergraduate .....	12,439	14,257	16,466	15
Graduate .....	1,639	2,036	2,410	18
First-professional .....	281	319	414	30
<b>Full-time-equivalent</b>	<b>10,363</b>	<b>12,331</b>	<b>14,493</b>	<b>18</b>

SOURCE: Tables 10 and 15–22, *Projections of Education Statistics to 2014*.

# Degree-granting postsecondary education

	1991–92	2002–03	2013–14 (projected)	Percent change 2002–03 to 2013–14
(Numbers in thousands)				
<b>Earned degrees</b>				
<b>Associate's .....</b>	504	633	735	16
Men .....	207	253	275	9
Women .....	297	380	460	21
<b>Bachelor's .....</b>	1,137	1,348	1,582	17
Men .....	521	573	633	10
Women .....	616	775	949	22
<b>Master's .....</b>	353	513	693	35
Men .....	162	211	275	30
Women .....	191	301	418	39
<b>Doctor's .....</b>	41	46	55	19
Men .....	26	24	27	12
Women .....	15	22	28	28
<b>First-professional...</b>	74	81	101	25
Men .....	45	42	47	13
Women .....	29	39	54	38

SOURCE: Tables 26–30, *Projections of Education Statistics to 2014*.

# Degree-granting postsecondary education

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	1991–92	2002–03 (projected)	2013–14 (projected)	Percent change 2002–03 to 2013–14
(Billions of constant 2002–03 dollars)				
<b>Expenditures</b>				
Current-fund ex- penditures in public institutions				
Total.....	\$130.3	\$193.9	\$273.0	41
4-year.....	107.2	159.0	223.0	40
2-year.....	23.1	34.9	50.0	43

SOURCE: Tables 36 and 38, *Projections of Education Statistics to 2014*.

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## Technical Notes

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### General Projection Methodology:

Institutional data from the National Center for Education Statistics (NCES) and demographic data and projections from the Bureau of the Census are used to develop the projections. Total enrollment is projected using expected enrollment rates. Exponential smoothing and multiple linear regression are the two major projection techniques used to forecast these rates. Demographic assumptions used by NCES are consistent with U.S. Census Bureau middle series of population projections. Expenditure projections are produced using multiple linear regression.

For methodological details on the assumptions and methods used to develop these projections, and details on data sources, see ***Projections of Education Statistics to 2014***.

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NOTE: Detail may not sum to totals because of rounding. Percentages are based on unrounded numbers. Historical numbers may differ from numbers that appeared in earlier editions of ***Projections of Education Statistics***.

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