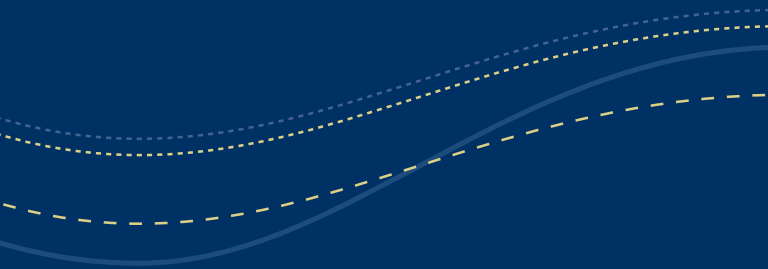




U.S. Department of Education  
Institute of Education Sciences  
NCES 2004-019

# Pocket Projections

## Projections of Education Statistics to 2013



Welcome to the 15<sup>th</sup> edition of the Pocket Projections. The primary purpose of this publication is to provide an easy reference for materials found in detail in the ***Projections of Education Statistics to 2013***.

These booklets provide the reader with NCES information on projected enrollments at all education levels, numbers of high school graduates, earned degrees conferred, teachers, and expenditures. In addition, there are state-level tables on public elementary and secondary enrollment, as well as the number of public high school graduates.

This booklet was designed by Anindita Sen and Benjamin Young of the Education Statistics Services Institute (ESSI). In addition, they prepared the tables and figures. Elina Hartwell, also of ESSI, designed the cover.

To receive a copy of the complete report, ***Projections of Education Statistics to 2013***, please see the ordering information at the end of this booklet.

Look for the release of the ***Projections of Education Statistics to 2014*** in fall 2004.



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# **Pocket Projections**

## **Projections of Education Statistics to 2013**

**May 2004**

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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

May 2004

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## Highlights

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For the period 2001-02 to 2012-13:

- Public and private elementary and secondary enrollment—4 percent increase.
- Postsecondary enrollment in degree-granting institutions—16 percent increase.
- High school graduates—9 percent increase.
- Bachelor's degrees—17 percent increase.

# Population

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|                    | 1990–91                | 2001–02 |
|--------------------|------------------------|---------|
| <hr/>              |                        |         |
|                    | (Numbers in thousands) |         |
| <b>School-age</b>  |                        |         |
| 3–5 years .....    | 11,034                 | 11,562  |
| 5–13 years .....   | 32,002                 | 37,039  |
| 14–17 years ...    | 13,322                 | 16,205  |
| <b>College-age</b> |                        |         |
| 18 years .....     | 3,606                  | 4,067   |
| 18–24 years ....   | 27,044                 | 27,922  |
| 25–29 years ....   | 21,361                 | 18,932  |
| 30–34 years ..     | 21,996                 | 20,718  |
| 35–44 years ....   | 37,859                 | 45,058  |

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SOURCE: Tables B2–B4, *Projections of Education Statistics to 2013*.

## Elementary/secondary education

|  | 1990–91 | 2001–02 | 2012–13<br>(projected) | Percent<br>change<br>2001–02<br>to 2012–13 |
|--|---------|---------|------------------------|--|
| (Numbers in thousands)                   |         |         |                        |  |
| <b>Enrollment</b>                        |         |         |                        |  |
| Total .....                              | 46,451  | 53,890  | 55,946                 | 4  |
| Public .....                             | 41,217  | 47,688  | 49,367                 | 4  |
| Private .....                            | 5,234   | 6,202   | 6,579                  | 6  |
| <b>Grades K-8.....</b>                   | 33,962  | 38,832  | 40,154                 | 3  |
| Public .....                             | 29,878  | 33,952  | 35,006                 | 3  |
| Private .....                            | 4,084   | 4,880   | 5,148                  | 5  |
| <b>Grades 9–12.....</b>                  | 12,488  | 15,058  | 15,792                 | 5  |
| Public .....                             | 11,338  | 13,736  | 14,361                 | 5  |
| Private .....                            | 1,150   | 1,322   | 1,430                  | 8  |
| <b>High school graduates<sup>1</sup></b> |         |         |                        |  |
| Total .....                              | 2,493   | 2,917   | 3,176                  | 9  |
| Public .....                             | 2,235   | 2,630   | 2,843                  | 8  |
| Private .....                            | 258     | 287     | 333                    | 16   |

<sup>1</sup> Data for 2001–02 are projected.

SOURCE: Tables 1 and 23, *Projections of Education Statistics to 2013*.

# Elementary/secondary education

|   | 1990-91                                | 2001-02 | 2012-13<br>(projected) | Percent<br>change<br>2001-02<br>to 2012-<br>13 |
|---|--|---------|------------------------|--|
| <b>Number of teachers</b>                 |  |         |                        |  |
|   | (Numbers in thousands)                 |         |                        |  |
| Total .....                               | 2,753                                  | 3,388   | 3,540                  | 4  |
| Public .....                              | 2,398                                  | 2,998   | 3,133                  | 5  |
| Private <sup>1</sup> .....                | 355                                    | 390     | 407                    | 4  |
| <b>Pupil/teacher ratio</b>                |  |         |                        |  |
|   | (In units)                             |         |                        |  |
| Total .....                               | 16.9                                   | 15.9    | 15.8                   | ---  |
| Public .....                              | 17.2                                   | 15.9    | 15.8                   | ---  |
| Private .....                             | 14.7                                   | 15.9    | 16.2                   | ---  |
| <b>Expenditures<sup>1</sup></b>           |  |         |                        |  |
|   | (Billions of constant 2001-02 dollars) |         |                        |  |
| Current expenditures in public schools... | \$268.8                                | \$364.3 | \$464.9                | 28   |

---Not available.

<sup>1</sup> Data for 2001-02 are projected.

SOURCE: Tables 31-33, *Projections of Education Statistics to 2013*.



# Elementary/secondary education

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|   | 1990-91  | 2001-02  | 2012-13<br>(projected) | Percent<br>change<br>2001-02<br>to 2012-13 |
|---|----------|----------|------------------------|--|
| (Constant 2001-02 dollars)  |          |          |                        |  |
| <b>Expenditures<sup>1</sup></b>   |          |          |                        |  |
| Current expenditures<br>per pupil in fall<br>enrollment in<br>public schools..... | \$6,522  | \$7,639  | \$9,418                | 23   |
| <b>Salaries</b>   |          |          |                        |  |
| Estimated average<br>annual salaries for<br>teachers in public<br>schools.....    | \$44,021 | \$44,683 | \$47,367               | 6  |

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<sup>1</sup> Data for 2001-02 are projected.

SOURCE: Tables 33 and 35, *Projections of Education Statistics to 2013*.



# Degree-granting postsecondary education

|                               | 1990–91 | 2001–02 | 2012–13<br>(projected) | Percent<br>change<br>2001–02<br>to 2012–13 |
|-------------------------------|---------|---------|------------------------|--|
| (Numbers in thousands)        |         |         |                        |  |
| <b>Enrollment<sup>1</sup></b> |         |         |                        |  |
| Total .....                   | 13,819  | 15,484  | 17,927                 | 16   |
| <b>Sex</b>                    |         |         |                        |  |
| Men .....                     | 6,284   | 6,801   | 7,679                  | 13   |
| Women .....                   | 7,535   | 8,684   | 10,248                 | 18   |
| <b>Age</b>                    |         |         |                        |  |
| 14–17 years .....             | 177     | 128     | 162                    | 27   |
| 18–19 years .....             | 2,950   | 3,472   | 3,936                  | 13   |
| 20–21 years .....             | 2,761   | 3,308   | 3,761                  | 14   |
| 22–24 years .....             | 2,144   | 2,686   | 3,415                  | 27   |
| 25–29 years .....             | 1,982   | 1,964   | 2,461                  | 25   |
| 30–34 years .....             | 1,322   | 1,259   | 1,423                  | 13   |
| 35 years and over .....       | 2,484   | 2,667   | 2,768                  | 4  |

<sup>1</sup> Data for 2001-02 are projected.

SOURCE: Tables 10 and 11, *Projections of Education Statistics to 2013*.

# Degree-granting postsecondary education

|                                | 1990-91      | 2001-02       | 2012-13<br>(projected) | Percent<br>change<br>2001-02<br>to 2012-13 |
|--------------------------------|--------------|---------------|------------------------|--|
| (Numbers in thousands)         |              |               |                        |  |
| <b>Enrollment<sup>1</sup></b>  |              |               |                        |  |
| <b>Control of institution</b>  |              |               |                        |  |
| Public .....                   | 10,845       | 11,895        | 13,716                 | 15   |
| Private .....                  | 2,974        | 3,589         | 4,211                  | 17   |
| <b>Type of institution</b>     |              |               |                        |  |
| 4-year .....                   | 8,578        | 9,554         | 11,207                 | 17   |
| 2-year .....                   | 5,240        | 5,930         | 6,720                  | 13   |
| <b>Attendance status</b>       |              |               |                        |  |
| Full-time .....                | 7,821        | 9,146         | 10,909                 | 19   |
| Part-time .....                | 5,998        | 6,338         | 7,018                  | 11   |
| <b>Level</b>                   |              |               |                        |  |
| Undergraduate .....            | 11,959       | 13,300        | 15,404                 | 16   |
| Graduate .....                 | 1,586        | 1,868         | 2,142                  | 15   |
| First-professional .....       | 273          | 316           | 380                    | 20   |
| <b>Full-time-equivalent...</b> | <b>9,985</b> | <b>11,421</b> | <b>13,428</b>          | <b>18</b>                                  |

<sup>1</sup> Data for 2001-02 are projected.

SOURCE: Tables 10 and 15-22 *Projections of Education Statistics to 2013*.

# Degree-granting postsecondary education

|                                   | 1990–91 | 2001–02 | 2012–13<br>(projected) | Percent<br>change<br>2001–02<br>to 2012–13 |
|-----------------------------------|---------|---------|------------------------|--|
| (Numbers in thousands)            |         |         |                        |  |
| <b>Earned degrees<sup>1</sup></b> |         |         |                        |  |
| <b>Associate's .....</b>          | 482     | 625     | 699                    | 12   |
| Men .....                         | 199     | 242     | 248                    | 2  |
| Women .....                       | 283     | 383     | 451                    | 18   |
| <b>Bachelor's .....</b>           | 1,095   | 1,294   | 1,509                  | 17   |
| Men .....                         | 504     | 545     | 616                    | 13   |
| Women .....                       | 590     | 749     | 893                    | 19   |
| <b>Master's .....</b>             | 337     | 479     | 556                    | 16   |
| Men .....                         | 156     | 203     | 228                    | 12   |
| Women .....                       | 181     | 276     | 328                    | 19   |
| <b>Doctor's .....</b>             | 39      | 43      | 47                     | 9  |
| Men .....                         | 25      | 23      | 25                     | 6  |
| Women .....                       | 15      | 20      | 23                     | 13   |
| <b>First-professional...</b>      | 72      | 80      | 96                     | 20   |
| Men .....                         | 44      | 42      | 50                     | 19   |
| Women .....                       | 28      | 38      | 46                     | 21   |

<sup>1</sup> Data for 2001-02 are projected.

SOURCE: Tables 26-30, *Projections of Education Statistics to 2013*.

# Degree-granting postsecondary education

|  | 1990–91 | 2001–02 | 2012–13<br>(projected) | Percent<br>change<br>2001–02<br>to 2012–13 |
|--|---------|---------|------------------------|--|
| (Billions of constant 2001-02 dollars)           |         |         |                        |  |
| <b>Expenditures<sup>1</sup></b>                  |         |         |                        |  |
| Current-fund expenditures in public institutions |         |         |                        |  |
| Total.....                                       | \$123.7 | \$170.2 | \$229.0                | 35   |
| 4-year.....                                      | 102.1   | 139.9   | 188.4                  | 35   |
| 2-year.....                                      | 21.6    | 30.3    | 40.6                   | 34   |

<sup>1</sup> Data for 2001-02 are projected.

SOURCE: Tables 36 and 38, *Projections of Education Statistics to 2013*.

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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 Bureau of the Census 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 2013*.

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NOTE: Because of rounding, details may not add to totals. 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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