

DOCUMENT RESUME

ED 365 700

TM 020 885

AUTHOR Hussar, William J.  
 TITLE Projections of Education Statistics to 2004. Pocket Projections.  
 INSTITUTION National Center for Education Statistics (ED), Washington, DC.  
 REPORT NO NCES-93-255  
 PUB DATE Oct 93  
 NOTE 13p.; For the full report, see ED 363 654.  
 PUB TYPE Information Analyses (070) -- Statistical Data (110)

EDRS PRICE MF01/PC01 Plus Postage.  
 DESCRIPTORS Census Figures; Degrees (Academic); \*Educational Trends; Elementary School Teachers; Elementary Secondary Education; \*Enrollment Projections; Expenditures; \*Futures (of Society); Higher Education; \*High School Graduates; \*National Surveys; Population Trends; \*School Statistics; Secondary School Teachers; Tables (Data); Teacher Student Ratio; Trend Analysis

ABSTRACT

"Pocket Projections" gives a sampling of what has happened in education in the last decade and what will happen in education over the next decade. In tabular form data are given for the following topics: (1) projected population; (2) elementary school and secondary school enrollment; (3) high school graduates; (4) classroom teachers; (5) pupil/teacher ratios; (6) expenditures; (7) higher education enrollment; (8) earned degrees; and (9) higher education expenditures. The figures are derived from data from the National Center for Education Statistics and the Census. The complete book "Projections of Education Statistics to 2004" provides additional information in these areas with supplemental tables. Ordering information for the complete report is included in this booklet. (SLD)

\*\*\*\*\*  
 \* Reproductions supplied by EDRS are the best that can be made \*  
 \* from the original document. \*  
 \*\*\*\*\*

# Pocket Projections

NATIONAL CENTER FOR EDUCATION STATISTICS

ED 365 700

## PROJECTIONS OF EDUCATION STATISTICS TO 2004

U.S. DEPARTMENT OF EDUCATION  
Office of Educational Research and Improvement  
EDUCATIONAL RESOURCES INFORMATION  
CENTER (ERIC)

- This document has been reproduced as received from the person or organization originating it
- Minor changes have been made to improve reproduction quality
- Points of view or opinions stated in this document do not necessarily represent official OERI position or policy

**BEST COPY AVAILABLE**

U.S. Department of Education  
Office of Educational Research and Improvement

NCES 93-255

2

T4020885

Each year, the National Center for Education Statistics (NCES) of the U.S. Department of Education publishes this pocket summary of projections of education statistics.

The following tables give a sampling of what will happen over the next decade. But there is far more you can learn.

The complete book *Projections of Education Statistics to 2004* provides the reader with NCES information on projected enrollment at all education levels; numbers of high school graduates, earned degrees conferred, and classroom teachers; and expenditures of public elementary and secondary schools as well as of institutions of higher education. In addition, there are some supplementary tables from other sources.

The book takes a look at topics such as

- What is going to happen to education in the next 10 years?
- How many students will be in school at every level?
- Is the average age of college students going to continue to rise?
- Should communities build schools or wait?

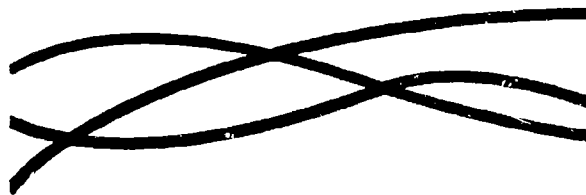
To receive a copy of the 172-page *Projections of Education Statistics to 2004*, see the ordering information at the end of this booklet.

***U.S. Department of Education material in this booklet is in the public domain. Authorization to reproduce Department of Education material in whole or in part is granted.***

BEST COPY AVAILABLE 3

# *Pocket Projections*

## PROJECTIONS OF EDUCATION STATISTICS TO 2004



William J. Hussar  
National Center for Education Statistics

4

**U.S. Department of Education**

Richard W. Riley

*Secretary*

**Office of Educational Research and Improvement**

Sharon P. Robinson

*Assistant Secretary*

**National Center for Education Statistics**

Emerson J. Elliott

*Commissioner*

**National Center for Education Statistics**

"The purpose of the Center shall be to collect, analyze, and disseminate statistics and other data related to education in the United States and in other nations."—  
Section 406(b) of the General Education Provisions Act,  
as amended (20 U.S.C. 1221e-1).

October 1993

## Pocket Projections 1981-1982 to 2003-2004

Characteristic	1981-82	1992-93 (estimate)	2003-04 (projected)	Percent change	Percent change
				1981-82 to 1992-93	1992-93 to 2003-04
<b>Population<sup>1</sup></b> (Numbers in thousands)					
5-13 years old.....	30,711	33,006	37,107	7	12
14-17 years old .....	15,610	13,649	16,277	-13	19
18 years old.....	4,186	3,307	3,918	-21	18
18-24 years old.....	30,505	26,063	27,563	-15	6
25-29 years old.....	20,275	20,278	17,431	(*)	-14
30-34 years old.....	18,798	22,343	19,684	19	-12
35-44 years old.....	26,454	35,977	44,336	51	11

### Elementary/secondary education (Numbers in thousands)

<b>Enrollment</b>					
Total .....	45,544	48,045	55,459	5	15
Public.....	40,044	42,670	49,280	7	15
Private.....	5,500	5,375	6,179	-2	15
Kindergarten-grade 8.....	31,380	35,157	39,713	12	13
Public.....	27,280	30,945	34,955	13	13
Private.....	4,100	4,212	4,758	3	13
Grades 9-12.....	14,164	12,888	15,746	-9	22
Public.....	12,764	11,725	14,325	-8	22
Private.....	1,400	1,163	1,421	-17	22

See footnotes on page 6.

Characteristic	1981-82	1992-93 (estimate)	2003-04 (projected)	Percent change 1981-82 to 1992-93	Percent change 1992-93 to 2003-04
----------------	---------	-----------------------	------------------------	---	---

**Elementary/secondary education**  
(Numbers in thousands)

**High school graduates**

Total .....	2,995	2,514	3,116	-16	24
Public .....	2,705	2,257	2,797	-17	24
Private .....	290	257	319	-11	24

**Classroom teachers**

Total .....	2,440	2,814	3,268	15	16
Public .....	2,127	2,451	2,851	15	16
Private <sup>2</sup> .....	313	363	418	16	15

Elementary .....	1,404	1,738	1,943	24	12
Public .....	1,183	1,478	1,653	25	12
Private <sup>2</sup> .....	221	260	291	18	12

Secondary .....	1,037	1,076	1,325	4	23
Public .....	945	973	1,198	3	23
Private <sup>2</sup> .....	92	103	127	12	23

**Pupil/teacher ratios<sup>3</sup>**

(In units)

<b>Public</b>					
Elementary .....	20.3	18.9	18.9	—	—
Secondary .....	16.9	15.2	15.0	—	—

<b>Private</b>					
Elementary <sup>2</sup> .....	18.6	16.2	16.4	—	—
Secondary <sup>2</sup> .....	15.2	11.3	11.2	—	—

Characteristic	1981-82	1992-93 (estimate)	2003-04 (projected)	Percent	Percent
				change 1981-82 to 1992-93	change 1992-93 to 2003-04

**Elementary/secondary education**

<b>Expenditures</b>		(In billions of constant 1991-92 dollars)				
Current expenditures in public schools <sup>4</sup> .....						
	\$148.5	\$211.9	\$284.4	43	34	
Current expenditures per pupil in average daily attendance in public schools .....		(In constant 1991-92 dollars)				
	\$4,003	\$5,352	\$6,218	34	16	
Average annual salaries for teachers in public schools .....						
	\$28,306	\$34,316	\$38,572	21	12	

**Higher education**  
(Numbers in thousands)

<b>Enrollment</b>					
Total.....	12,372	14,558	15,802	18	9
<b>Control of institution</b>					
Public.....	9,647	11,377	12,365	18	9
Private .....	2,725	3,181	3,437	17	8
<b>Type of institution</b>					
4-year .....	7,655	9,060	9,816	18	8
2-year .....	4,716	5,498	5,986	17	9



Characteristic	1981-82	1992-93 (estimate)	2003-04 (projected)	Percent	Percent
				change 1981-82 to 1992-93	change 1992-93 to 2003-04

**Higher education**  
(Numbers in thousands)

**Enrollment (continued)**

**Sex of student**

Men.....	5,975	6,654	7,161	11	8
Women .....	6,397	7,904	8,641	24	9

**Age<sup>2</sup>**

19 years and under...	2,959	2,813	3,528	-5	25
20-21 years old .....	2,539	2,718	3,061	7	13
22-24 years old .....	2,081	2,419	2,568	16	6
25-29 years old .....	1,995	2,123	1,901	6	-10
30-34 years old .....	1,263	1,528	1,379	21	-10
35 years and over .....	1,589	2,956	3,364	86	14

**Attendance status**

Full-time .....	7,181	8,139	8,992	13	10
Part-time .....	5,190	6,419	6,810	24	6

**Level**

Undergraduate .....	10,755	12,450	13,659	16	10
Graduate .....	1,343	1,790	1,830	33	2
First-professional .....	275	318	313	16	-2

Full-time-equivalent .....	9,015	10,454	11,448	16	10
----------------------------	-------	--------	--------	----	----

**Earned degrees**

Associate .....	435	497	560	14	13
Men.....	197	207	233	5	13
Women .....	238	290	327	22	13

Characteristic	1981-82	1992-93 (estimate)	2003-04 (projected)	Percent	Percent
				change 1981-82 to 1992-93	change 1992-93 to 2003-04
<b>Higher education</b> (Numbers in thousands)					
<b>Earned degrees (continued)</b>					
Bachelor's .....	953	1,145	1,278	20	12
Men .....	473	529	598	12	13
Women .....	480	616	680	28	10
Master's .....	296	364	363	23	(*)
Men .....	146	170	170	17	(*)
Women .....	150	194	193	29	-1
Doctor's .....	33	41	41	26	(*)
Men .....	22	26	21	15	-17
Women .....	10	16	20	49	29
First-professional .....	72	74	74	3	(*)
Men .....	52	44	43	-16	-1
Women .....	20	30	31	51	2
<b>Expenditures</b> (In billions of constant 1991-92 dollars)					
Current-fund					
expenditures .....	\$103.3	\$159.8	\$214.0	55	34
Public .....	67.9	100.7	134.1	48	33
Private .....	35.4	59.1	79.9	67	35

---

## Technical Notes

---

### General Projection Methodology

Beginning with institutional data from the National Center for Education Statistics (NCES) and demographic data and projections from the Bureau of the Census, 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. Elementary and secondary expenditure projections are produced using multiple linear regression.

For methodological details on the assumptions and methods used to develop these projections, and for details on data sources, see *Projections of Education Statistics to 2004*.

---

— Not applicable

(\*) Between -0.5 and 0.5.

<sup>1</sup>Population projections are from the middle series of population projections of the Bureau of the Census. Population data for 1992-93 are projected; all other 1992-93 data are estimated.

<sup>2</sup>Data for 1981-82 are estimated.

<sup>3</sup>Based on enrollment by organizational level.

<sup>4</sup>Excludes capital outlay and interest.

NOTE: Because of rounding, details may not add to totals. Percentages are based on unrounded numbers.

Superintendent of Documents Publications  
Order Form

Order Processing Code:  
\* 7221

To fax your orders  
(202) 512-2250

**YES**, please send me \_\_\_ copies of  
**Projections of Education Statistics to 2004**  
S/N 065-000-00608-1 at \$13 (\$16.25 foreign) each.

The total cost of my order is \$ \_\_\_\_\_. International customers please add 25%. Price includes regular domestic postage and handling and is subject to change.

\_\_\_\_\_  
(Company or personal name) (Please type or print)

\_\_\_\_\_  
(Additional address/attention line)

\_\_\_\_\_  
(Street address)

\_\_\_\_\_  
(City, State, Zip code)

\_\_\_\_\_  
(Daytime phone including area code)



\_\_\_\_\_  
(Purchase order no.)

**Please choose method of payment:**

Check payable to the Superintendent of Documents

GPO Deposit Account  -

VISA  MasterCard Account

(Credit card expiration date)  

\_\_\_\_\_  
(Authorizing signature)

11/93

Mail to: Superintendent of Documents  
P.O. Box 371954, Pittsburgh, PA 15250-7954

**Thank you for your order!** Federal Identification Number: 536-002-509  
**BEST COPY AVAILABLE** 12

United States  
Department of Education  
Washington, D. C. 20208-5650

Official Business  
Penalty for Private Use, \$300

Postage and Fees Paid  
U.S. Department of Education  
Permit No. G-17

**FIRST CLASS**

13

**BEST COPY AVAILABLE**