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ABSTRACT

For the second time, the National Center for Education Statistics has prepared a report that brings together comparable data concerning several key education characteristics, by state, region, and outlying area for a consecutive 21-year period. Characteristics examined in this report for public elementary education and secondary education include: (1) enrollment; (2) children with disabilities served under IDEA-B and Chapter 1 of the Elementary and Secondary Education Act; (3) regular high school graduates; (4) number of teachers and staff; (5) ratio of pupils to teachers and staff; (6) teacher salaries; and (7) expenditures. In addition to the multiple comparisons, the report presents percentage change comparisons at 20-, 10-, and 5-year intervals. Each of the tables in this publication is combined with two charts that show changes for each state in the 1970s and 1980s. Included are two sections: (1) public elementary education and secondary education (includes 16 tables and 32 charts); and (2) higher education (includes 25 tables and 50 charts). Three appendixes contain tables of data concerning the U.S. population in 1969-89, the estimated school-aged population for 1970-89, and selected price indices; a list of definitions; and a guide to sources. (SLD)

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# Historical Trends

## State Education Facts 1969 to 1989

John A. Grymes  
Irene Baden Harwarth

National Center for Education Statistics

**U.S. Department of Education**  
Lamar Alexander  
*Secretary*

**Office of Educational Research and Improvement**  
Diane Ravitch  
*Assistant Secretary*

**National Center for Education Statistics**  
Emerson J. Elliott  
*Acting Commissioner*

**National Center for Education Statistics**

"The purpose of the Center shall be to collect, and 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).

August 1992

# Foreword

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It is important to provide a contextual framework for understanding statistics. It is also important to look at how one statistic is interrelated and interwoven with other statistics. Scattered and unrelated data or one lone statistic do little to elucidate a topic. For the second time, the National Center for Education Statistics (NCES) has prepared a report that brings together comparable data of a number of key education characteristics, by state, region, and outlying area, for a consecutive 21-year period.

Education characteristics examined in this report for public elementary and secondary education include enrollment, children with disabilities served under IDEA-B and Chapter I of ESEA, regular high school graduates, number of teachers and staff, ratio of pupils to teachers and staff, teacher salaries, and expenditures. The characteristics examined for higher education include enrollment, salaries, degrees conferred, and expenditures. Some readers may wonder how key educational characteristics were selected for inclusion in this report. A key educational characteristic was selected if there were 21 consecutive years of data for the area. Unfortunately, this meant that some key educational characteristics (e.g., race/ethnicity and gender) of interest to some of our readers could not be included in this report.

The report presents multiple comparisons of national, regional and state data. The report also presents percentage change comparisons at 20-, 10-, and 5-year intervals. This framework should help the reader to better understand trends that have occurred at the national, regional, and state levels.

This is the second edition of *Historical Trends: State Education Facts*. While the first edition presented data from 1975 to 1985, this edition provides data from 1969 through 1989. Each of the tables in the publication is combined with two charts which show changes for each state during the 1970s and 1980s. Previously, many of these data had to be combined from numerous publications and the definitions were not always consistent. In some instances, the data were never published. NCES intends to maintain this publication as a series to ensure that basic state- and regional-level trend data are easily available to general users. The Center plans to publish additional historical data in the future.

*Historical Trends* is divided into two sections:

- Public Elementary and Secondary Education—which includes 16 tables and 32 charts; and,
- Higher Education—which includes 25 tables and 50 charts.

In addition, this report includes a 1969-89 table of the U.S. population, a 1970-89 table of the 5- to 17-year-old population, a 1969-70 to 1990-91 table of selected price indexes, relevant definitions, and a guide to sources.

We hope that our readers will find this publication interesting and useful; and, we invite your comments and suggestions.

Emerson J. Elliott  
Acting Commissioner  
National Center for Education Statistics

## Acknowledgments

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This publication was prepared under the direction of Thomas D. Snyder, Chief of the Compilations and Special Studies Branch. Irene Baden Harwarth and John A. Grymes, as Project Directors, were responsible for compiling statistical tabulations used in the report. HCR developed all of the charts. Mary Frase provided critical reviews of the manuscript. Thomas D. Snyder, William Sonnenberg, James Corina, Robert Craig, and W. Vance Grant assisted with the development of the statistical data. Other members of the Compilations and Special Studies Branch, including Celestine Davis and Charlene Hoffman, reviewed the document for data accuracy and consistency.

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# Contents

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	Page
Foreword .....	iii
Acknowledgments .....	iv
General Notes .....	xiv
Public Elementary and Secondary Education .....	1
Higher Education .....	74
Appendix A .....	184
Population of the United States, by region and state: 1969-1989 (in thousands) .....	184
Estimated school-aged population, by region and state: 1970 to 1989 (in thousands) .....	186
Selected Price Indexes .....	187
Appendix B .....	188
Definitions .....	188
Appendix C .....	193
Guide to Sources .....	193

## Tables

### Public Elementary and Secondary Education

1. Enrollment in public elementary and secondary schools, by region and state: Fall 1969 to fall 1989 .....	10
2. Elementary enrollment in public schools, by region and state: Fall 1969 to fall 1989 ...	14
3. Secondary enrollment in public schools, by region and state: Fall 1969 to fall 1989 ....	18
4. Average daily attendance in public elementary and secondary schools, by region and state: 1969-70 to 1988-89 .....	22
5. Number of children with disabilities served under IDEA-B and Chapter I of ESEA (state operated programs), by region and state: 1976-77 to 1989-90 .....	26

6.	Public high school graduates, by region and state: 1969-70 to 1989-90	30
7.	Teachers in public elementary and secondary schools, by region and state: Fall 1969 to fall 1989	34
8.	Pupil-teacher ratio in public elementary and secondary schools, by region and state: Fall 1969 to fall 1989	38
9.	Staff employed in public elementary and secondary schools, by region and state: Fall 1969 to fall 1989	42
10.	Pupil-staff ratio in public elementary and secondary schools, by region and state: Fall 1969 to fall 1989	46
11.	Estimated average annual teacher salaries in public elementary and secondary schools, by region and state: 1969-70 to 1989-90 (in unadjusted dollars)	50
12.	Estimated average annual teacher salaries in public elementary and secondary schools, by region and state: 1969-70 to 1989-90 (in constant 1989-90 dollars)	54
13.	Current expenditures for public elementary and secondary schools, by region and state: 1969-70 to 1989-90 (in thousands of unadjusted dollars)	58
14.	Current expenditures for public elementary and secondary schools, by region and state: 1969-70 to 1989-90 (in thousands of constant 1989-90 dollars)	62
15.	Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by region and state: 1969-70 to 1988-89 (in unadjusted dollars)	66
16.	Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by region and state: 1969-70 to 1988-89 (in constant 1988-89 dollars)	70

## Higher Education

17.	Enrollment in institutions of higher education, by region and state: Fall 1969 to fall 1989	84
18.	Enrollment in public 4-year institutions of higher education, by region and state: Fall 1969 to fall 1989	88
19.	Enrollment in public 2-year institutions of higher education, by region and state: Fall 1969 to fall 1989	92
20.	Enrollment in private 4-year institutions of higher education, by region and state: Fall 1969 to fall 1989	96



21.	Enrollment in private 2-year institutions of higher education, by region and state: Fall 1969 to fall 1989 .....	100
22.	Full-time-equivalent enrollment in institutions of higher education, by region and state: Fall 1969 to fall 1989 .....	104
23.	Full-time-equivalent enrollment in public 4-year institutions of higher education, by region and state: Fall 1969 to fall 1989 .....	108
24.	Full-time-equivalent enrollment in public 2-year institutions of higher education, by region and state: Fall 1969 to fall 1989 .....	112
25.	Full-time-equivalent enrollment in private 4-year institutions of higher education, by region and state: Fall 1969 to fall 1989 .....	116
26.	Full-time-equivalent enrollment in private 2-year institutions of higher education, by region and state: Fall 1969 to fall 1989 .....	120
27.	Average salary for faculty in institutions of higher education, by region and state: 1970-71 to 1989-90 (in unadjusted dollars) .....	124
28.	Average salary for faculty in institutions of higher education, by region and state: 1970-71 to 1989-90 (in constant 1989-90 dollars) .....	128
29.	Associate degrees conferred by institutions of higher education, by region and state: 1972-73 to 1988-89 .....	132
30.	Bachelor's degrees conferred by institutions of higher education, by region and state: 1969-70 to 1988-89 .....	136
31.	Master's degrees conferred by institutions of higher education, by region and state: 1969-70 to 1988-89 .....	140
32.	First-professional degrees conferred by institutions of higher education, by region and state: 1969-70 to 1988-89 .....	144
33.	Doctor's degrees conferred by institutions of higher education, by region and state: 1969-70 to 1988-89 .....	148
34.	Current-fund expenditures of public institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of unadjusted dollars) .....	152
35.	Current-fund expenditures of public institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of constant 1987-88 dollars) .....	156
36.	Current-fund expenditures of private institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of unadjusted dollars) .....	160

37.	Current-fund expenditures of private institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of constant 1987-88 dollars) . . . . .	164
38.	Educational and general expenditures of public institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of unadjusted dollars) . . . . .	168
39.	Educational and general expenditures of public institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of constant 1987-88 dollars) . . . . .	172
40.	Educational and general expenditures of private institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of unadjusted dollars) . . . . .	176
41.	Educational and general expenditures of private institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of constant 1987-88 dollars) . . . . .	180

## Charts

### Public Elementary and Secondary Education

1a.	Percentage change in public elementary and secondary enrollment, by state: Fall 1969 to fall 1989 . . . . .	13
1b.	Percentage change in public elementary and secondary enrollment, by state: Fall 1979 to fall 1989 . . . . .	13
2a.	Percentage change in public elementary enrollment, by state: Fall 1969 to fall 1989 . . . . .	17
2b.	Percentage change in public elementary enrollment, by state: Fall 1979 to fall 1989 . . . . .	17
3a.	Percentage change in public secondary enrollment, by state: Fall 1969 to fall 1989 . . . . .	21
3b.	Percentage change in public secondary enrollment, by state: Fall 1979 to fall 1989 . . . . .	21
4a.	Percentage change in public elementary and secondary average daily attendance, by state: 1969-70 to 1988-89 . . . . .	25
4b.	Percentage change in public elementary and secondary average daily attendance, by state: 1979-80 to 1988-89 . . . . .	25
5a.	Percentage change in number of children with disabilities served under IDEA-B and Chapter I of ESEA (SOP), by state: 1976-77 to 1989-90 . . . . .	29
5b.	Percentage change in number of children with disabilities served under IDEA-B and Chapter I of ESEA (SOP), by state: 1979-80 to 1989-90 . . . . .	29
6a.	Percentage change in public high school graduates, by state: 1969-70 to 1989-90 . . . . .	33

6b.	Percentage change in public high school graduates, by state: 1979-80 to 1989-90 . . . . .	33
7a.	Percentage change in public elementary and secondary school teachers, by state: Fall 1969 to fall 1989 . . . . .	37
7b.	Percentage change in public elementary and secondary school teachers, by state: Fall 1979 to fall 1989 . . . . .	37
8a.	Change in pupils per teacher in public elementary and secondary schools, by state: Fall 1969 to fall 1989 . . . . .	41
8b.	Change in pupils per teacher in public elementary and secondary schools, by state: Fall 1979 to fall 1989 . . . . .	41
9a.	Percentage change in public elementary and secondary school staff, by state: Fall 1969 to fall 1989 . . . . .	45
9b.	Percentage change in public elementary and secondary school staff, by state: Fall 1979 to fall 1989 . . . . .	45
10a.	Change in pupils per staff member in public elementary and secondary schools, by state: Fall 1969 to fall 1989 . . . . .	49
10b.	Change in pupils per staff member in public elementary and secondary schools, by state: Fall 1979 to fall 1989 . . . . .	49
11a.	Percentage change in estimated average annual teacher salaries in public elementary and secondary schools, by state: 1969-70 to 1989-90 (in unadjusted dollars) . . . . .	53
11b.	Percentage change in estimated average annual teacher salaries in public elementary and secondary schools, by state: 1979-80 to 1989-90 (in unadjusted dollars) . . . . .	53
12a.	Percentage change in estimated average annual teacher salaries in public elementary and secondary schools, by state: 1969-70 to 1989-90 (in constant 1989-90 dollars) . . . . .	57
12b.	Percentage change in estimated average annual teacher salaries in public elementary and secondary schools, by state: 1979-80 to 1989-90 (in constant 1989-90 dollars) . . . . .	57
13a.	Percentage change in current expenditures for public elementary and secondary schools, by state: 1969-70 to 1988-89 (in unadjusted dollars) . . . . .	61
13b.	Percentage change in current expenditures for public elementary and secondary schools, by state: 1979-80 to 1988-89 (in unadjusted dollars) . . . . .	61
14a.	Percentage change in current expenditures for public elementary and secondary schools, by state: 1969-70 to 1988-89 (in constant 1989-90 dollars) . . . . .	65
14b.	Percentage change in current expenditures for public elementary and secondary schools, by state: 1979-80 to 1988-89 (in constant 1989-90 dollars) . . . . .	65

15a.	Percentage change in current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state: 1969-70 to 1988-89 (in unadjusted dollars) .....	69
15b.	Percentage change in current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state: 1979-80 to 1988-89 (in unadjusted dollars) .....	69
16a.	Percentage change in current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state: 1969-70 to 1988-89 (in constant 1988-89 dollars) .....	73
16b.	Percentage change in current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state: 1979-80 to 1988-89 (in constant 1988-89 dollars) .....	73

## Higher Education

17a.	Percentage change in enrollment in institutions of higher education, by state: Fall 1969 to fall 1989 .....	87
17b.	Percentage change in enrollment in institutions of higher education, by state: Fall 1979 to fall 1989 .....	87
18a.	Percentage change in enrollment in public 4-year institutions of higher education, by state: Fall 1969 to fall 1989 .....	91
18b.	Percentage change in enrollment in public 4-year institutions of higher education, by state: Fall 1979 to fall 1989 .....	91
19a.	Percentage change in enrollment in public 2-year institutions of higher education, by state: Fall 1969 to fall 1989 .....	95
19b.	Percentage change in enrollment in public 2-year institutions of higher education, by state: Fall 1979 to fall 1989 .....	95
20a.	Percentage change in enrollment in private 4-year institutions of higher education, by state: Fall 1969 to fall 1989 .....	99
20b.	Percentage change in enrollment in private 4-year institutions of higher education, by state: Fall 1979 to fall 1989 .....	99
21a.	Percentage change in enrollment in private 2-year institutions of higher education, by state: Fall 1969 to fall 1989 .....	103
21b.	Percentage change in enrollment in private 2-year institutions of higher education, by state: Fall 1979 to fall 1989 .....	103

22a.	Percentage change in full-time-equivalent enrollment in institutions of higher education, by state: Fall 1969 to fall 1989 . . . . .	107
22b.	Percentage change in full-time-equivalent enrollment in institutions of higher education, by state: Fall 1979 to fall 1989 . . . . .	107
23a.	Percentage change in full-time-equivalent enrollment in public 4-year institutions of higher education, by state: Fall 1969 to fall 1989 . . . . .	111
23b.	Percentage change in full-time-equivalent enrollment in public 4-year institutions of higher education, by state: Fall 1979 to fall 1989 . . . . .	111
24a.	Percentage change in full-time-equivalent enrollment in public 2-year institutions of higher education, by state: Fall 1969 to fall 1989 . . . . .	115
24b.	Percentage change in full-time-equivalent enrollment in public 2-year institutions of higher education, by state: Fall 1979 to fall 1989 . . . . .	115
25a.	Percentage change in full-time-equivalent enrollment in private 4-year institutions of higher education, by state: Fall 1969 to fall 1989 . . . . .	119
25b.	Percentage change in full-time-equivalent enrollment in private 4-year institutions of higher education, by state: Fall 1979 to fall 1989 . . . . .	119
26a.	Percentage change in full-time-equivalent enrollment in private 2-year institutions of higher education, by state: Fall 1969 to fall 1989 . . . . .	123
26b.	Percentage change in full-time-equivalent enrollment in private 2-year institutions of higher education, by state: Fall 1979 to fall 1989 . . . . .	123
27a.	Percentage change in average salary for faculty in institutions of higher education, by state: 1970-71 to 1989-90 (in unadjusted dollars) . . . . .	127
27b.	Percentage change in average salary for faculty in institutions of higher education, by state: 1979-80 to 1989-90 (in unadjusted dollars) . . . . .	127
28a.	Percentage change in average salary for faculty in institutions of higher education, by state: 1970-71 to 1989-90 (in constant 1989-90 dollars) . . . . .	131
28b.	Percentage change in average salary for faculty in institutions of higher education, by state: 1979-80 to 1989-90 (in constant 1989-90 dollars) . . . . .	131
29a.	Percentage change in associate degrees conferred by institutions of higher education, by state: 1972-73 to 1988-89 . . . . .	135
29b.	Percentage change in associate degrees conferred by institutions of higher education, by state: 1979-80 to 1988-89 . . . . .	135

30a.	Percentage change in bachelor's degrees conferred by institutions of higher education, by state: 1969-70 to 1988-89 .....	139
30b.	Percentage change in bachelor's degrees conferred by institutions of higher education, by state: 1979-80 to 1988-89 .....	139
31a.	Percentage change in master's degrees conferred by institutions of higher education, by state: 1969-70 to 1988-89 .....	143
31b.	Percentage change in master's degrees conferred by institutions of higher education, by state: 1979-80 to 1988-89 .....	143
32a.	Percentage change in first-professional degrees conferred by institutions of higher education, by state: 1969-70 to 1988-89 .....	147
32b.	Percentage change in first-professional degrees conferred by institutions of higher education, by state: 1979-80 to 1988-89 .....	147
33a.	Percentage change in doctor's degrees conferred by institutions of higher education, by state: 1969-70 to 1988-89 .....	151
33b.	Percentage change in doctor's degrees conferred by institutions of higher education, by state: 1979-80 to 1988-89 .....	151
34a.	Percentage change in current-fund expenditures for public institutions of higher education, by state: 1969-70 to 1987-88 (in unadjusted dollars) .....	155
34b.	Percentage change in current-fund expenditures for public institutions of higher education, by state: 1979-80 to 1987-88 (in unadjusted dollars) .....	155
35a.	Percentage change in current-fund expenditures for public institutions of higher education, by state: 1969-70 to 1987-88 (in constant 1987-88 dollars) .....	159
35b.	Percentage change in current-fund expenditures for public institutions of higher education, by state: 1979-80 to 1987-88 (in constant 1987-88 dollars) .....	159
36a.	Percentage change in current-fund expenditures for private institutions of higher education, by state: 1969-70 to 1987-88 (in unadjusted dollars) .....	163
36b.	Percentage change in current-fund expenditures for private institutions of higher education, by state: 1979-80 to 1987-88 (in unadjusted dollars) .....	163
37a.	Percentage change in current-fund expenditures for private institutions of higher education, by state: 1969-70 to 1987-88 (in constant 1987-88 dollars) .....	167
37b.	Percentage change in current-fund expenditures for private institutions of higher education, by state: 1979-80 to 1987-88 (in constant 1987-88 dollars) .....	167

38a.	Percentage change in educational and general expenditures for public institutions of higher education, by state: 1969-70 to 1987-88 (in unadjusted dollars) . . . . .	171
38b.	Percentage change in educational and general expenditures for public institutions of higher education, by state: 1979-80 to 1987-88 (in unadjusted dollars) . . . . .	171
39a.	Percentage change in educational and general expenditures for public institutions of higher education, by state: 1969-70 to 1987-88 (in constant 1987-88 dollars) . . . . .	175
39b.	Percentage change in educational and general expenditures for public institutions of higher education, by state: 1979-80 to 1987-88 (in constant 1987-88 dollars) . . . . .	175
40a.	Percentage change in educational and general expenditures for private institutions of higher education, by state: 1969-70 to 1987-88 (in unadjusted dollars) . . . . .	179
40b.	Percentage change in educational and general expenditures for private institutions of higher education, by state: 1979-80 to 1987-88 (in unadjusted dollars) . . . . .	179
41a.	Percentage change in educational and general expenditures for private institutions of higher education, by state: 1969-70 to 1987-88 (in constant 1987-88 dollars) . . . . .	183
41b.	Percentage change in educational and general expenditures for private institutions of higher education, by state: 1979-80 to 1987-88 (in constant 1987-88 dollars) . . . . .	183

## General Notes

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- The key terms used in this report are defined in the appendix.
- The term unadjusted dollars means the same as current dollars.
- Teacher and staff data are reported in full-time-equivalents.
- Enrollment in public elementary schools includes a small number of prekindergarten pupils.
- Beginning in 1980-81 the definition of current expenditures for elementary and secondary education includes summer schools and excludes state administration.
- Trust Territories includes Federated States of Micronesia and Palau.
- Some data have been revised from previously published figures.
- All tables were prepared in September, 1991.
- The formula used to estimate the number of 1970 school staff in each state was:

$$\frac{1}{\left(\frac{a_1}{b_1} + \frac{a_2}{b_2}\right) + 2} \times C$$

where  $a_1$  = the 1969 pupil/staff ratio,  $b_1$  = the 1969 pupil/teacher ratio,  $a_2$  = the 1971 pupil/staff ratio,  $b_2$  = the 1971 pupil/teacher ratio, and  $c$  = number of 1970 teachers.

For further state and regional data on American education, you may wish to consult the following published reports from the National Center for Educational Statistics:

- *Public Elementary and Secondary State Aggregate Data, by State for School Year 1990-1991 and Fiscal Year 1990*
- *Digest of Education Statistics, 1991*
- *Projections of Education Statistics to 2002*
- *Elementary and Secondary Education: Indicators in Brief, 1987*
- *Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Locale, and Wealth Clusters, 1988-89*



- *Public Elementary and Secondary Data, by State, for School Year 1989-90 and Fiscal Year 1989*
- *Salaries of Full-Time Instructional Faculty on 9- and 10-month and 11- and 12-month contracts in Institutions of Higher Education, 1992*
- *State Higher Education Profiles: Third Edition*

Copies of these reports are available at any Federal Depository Library or may be purchased from the Government Printing Office.

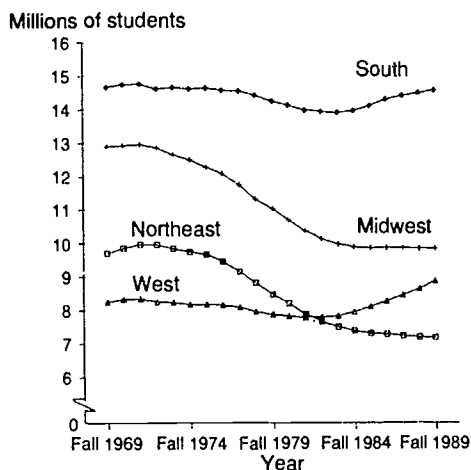
# Public Elementary and Secondary Education

## Total Elementary and Secondary Enrollment

Total public elementary and secondary enrollment (table 1) is a basic measure of student participation in schools, which in turn, is fundamentally linked to the size of the 5- to 17-year-old population.<sup>1</sup> Enrollment is the total number of students registered in a given school, school district, or state. Surveys of the National Center for Education Statistics generally measure enrollment in the fall of the year.

Total enrollment in the United States declined from fall 1972 through fall 1984 and thereafter rose for the remainder of the 1980s, reaching 40.5 million in fall 1989. Between fall 1969 and fall 1989, enrollment for the nation ranged from a high of 46.1 million in fall 1971 to a low of 39.2 million in fall 1984. The 20-year total enrollment trends for each region are shown below:

**Enrollment in public elementary and secondary schools,  
by region: 1969-70 to 1989-90**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years and Common Core of Data surveys.**

The highest level of enrollment occurred in fall 1971 in all regions except the West. In every region, fall 1969 enrollment was higher than fall 1979. In the Northeast and Midwest, enrollment declines continued during the 1980s. In contrast, enrollment in the South and West increased during the 1980s, with fall 1989 representing an all-time high for the West. Thus, the upturn in total national enrollment after 1984 is only seen in the South and West; the Midwest has remained fairly flat and the Northeast has continued to decline in the last half of the 1980s.

Some states have contrasted sharply with national averages. Enrollment in Texas has increased every year since fall 1972. Total enrollment grew during the 1970s and 1980s in Alaska, Arizona, Colorado, Florida, Idaho, Nevada, New Hampshire, Texas, Utah, and Wyoming (table 1).

<sup>1</sup>A table showing the size of the 5- to 17-year-old population over the 20-year period can be found on page 186 in the appendix.

## Elementary Enrollment

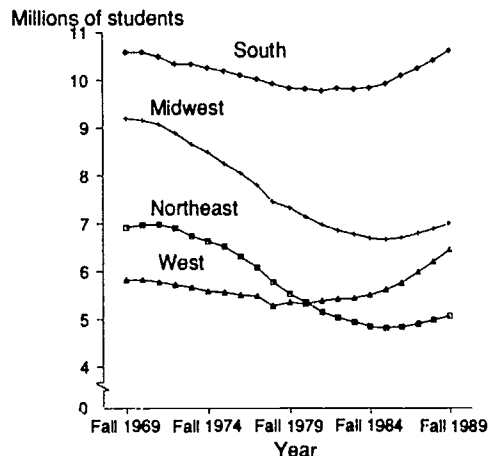
Elementary enrollment for the purposes of this report is the total number of kindergarten through grade eight students registered in the fall of the year. Elementary enrollment also includes a small number of prekindergarten students.

Total elementary enrollment decreased annually from fall 1971 through fall 1984 in the nation and from fall 1972 to fall 1978 in all regions. More specifically, total elementary school enrollment declined 14 percent between fall 1969 and fall 1979 and rose 4 percent between fall 1979 and fall 1989. Beginning in fall 1985, national elementary school enrollment has increased yearly. Elementary enrollment peaked at 32.6 million in fall 1970 and reached its lowest point of 26.9 million in fall 1984.

Elementary enrollment declined in each region throughout much of the 1970s. The sustained upturn in enrollment began in fall 1981 in the West, fall 1984 in the South, and fall 1986 in the Northeast and Midwest. Elementary enrollments rose 11 percent in the West between fall 1969 and fall 1989, and remained about the same in the South. In the Northeast and Midwest, however, elementary enrollment fell about 25 percent between fall 1969 and fall 1989.

Elementary enrollment fell at least 7 percent in each region between fall 1969 and fall 1979. Between 1979 and 1989, elementary enrollment rose by 8 percent in the South and by 21 percent in the West. Conversely, elementary enrollment fell by 8 percent in the Northeast and by 4 percent in the Midwest between 1979 and 1989. Elementary enrollment trends for each region are displayed below:

**Elementary enrollment in public schools, by region:  
1969-70 to 1989-90**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years and Common Core of Data surveys.**

In all Western states elementary enrollment was at least 4 percent higher in fall 1989 than fall 1979.

Over the 20-year period several patterns emerge in elementary enrollment. Enrollment in every Midwestern state was at least 14 percent lower in fall 1989 than it was in fall 1969, reflecting particularly large decreases during the 1970s. In contrast, enrollment in Alaska, Arizona, Florida, Idaho, Nevada, New Hampshire, Texas, Utah, and Wyoming grew during both the 1970s and 1980s. Between fall 1969 and fall 1989 elementary enrollment increased more than 50 percent in Arizona,

Nevada and Utah and decreased more than 25 percent in Connecticut, the District of Columbia, Iowa, Massachusetts, Michigan, Missouri, New Jersey, New York, Ohio, and Pennsylvania (table 2).

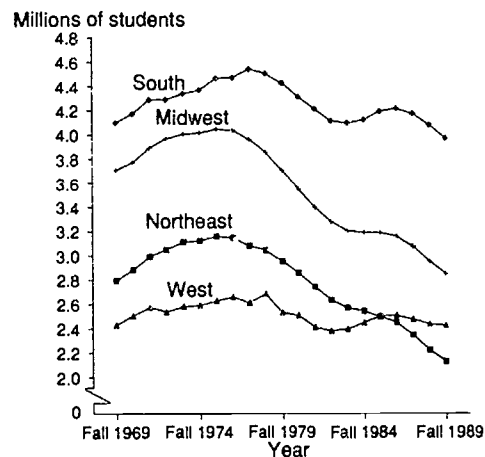
## Secondary Enrollment

Secondary enrollment (table 3) for the purposes of this report is the total number of students registered in grades nine through twelve in the fall of the year.

While elementary enrollment declined after 1971, national secondary enrollment continued to increase through fall 1976. From fall 1977 onward, excluding fall 1984 and fall 1985, national secondary enrollment levels have declined. Secondary enrollment in the United States ranged from a high of 14.3 million in fall 1976 to a low of 11.4 million in fall 1989.

In the Northeast and Midwest, secondary enrollment declined every year since fall 1975, except fall 1985 in the Midwest. In the South and West secondary enrollment rose during much of the 1970s, decreased from the late 1970s to the early 1980s, rose until 1986, and declined during the latter years of the decade. The regional trends for secondary enrollment are charted below:

**Secondary enrollment in public schools, by region: 1969-70 to 1989-90**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years and Common Core of Data surveys.**

Secondary enrollment in all Midwestern and Northeastern states, except New Hampshire, was lower in fall 1989 than it was in fall 1969. In all Northeastern, Midwestern, and Southern states, except Texas, secondary enrollment was smaller in fall 1989 than in fall 1979.

Some states differed markedly from the general trend. Secondary enrollment in Alaska, Arizona, and Nevada grew more than 30 percent between fall 1969 and fall 1989. Conversely, enrollment dropped more than 30 percent during the same time period in South Dakota and the District of Columbia (table 3).

## Average Daily Attendance

Average daily attendance (ADA) is another measure of student enrollment levels in public schools and is the student count frequently used to calculate per pupil expenditure.<sup>2</sup> ADA is the aggregate attendance of a school during a reporting period, normally a school year, divided by the number of days school is in session during this period; or attendance determined in accordance with state law. Only days on which students are under the guidance and direction of teachers are considered days in session.

ADA (table 4) in the United States ranged from a high of 42.4 million in 1970-71 to a low of 36.4 million in 1983-84. ADA decreased annually from 1975-76 through 1983-84 and thereafter increased yearly for the remainder of the 1980s. At the regional level, ADA in the Midwest and Northeast continued to decline throughout the 1980s and has increased annually in the South since 1982-83 and in the West since 1981-82. Among the states, only Alaska, Arizona, Colorado, Florida, Idaho, Nevada, Texas, Utah, and Wyoming had ADA increases in both the 1970s and 1980s.

The national and regional change patterns for total enrollment and for ADA over the three intervals of 1969-70 to 1988-89, 1969-70 to 1979-80, and 1979-80 to 1988-89 were quite similar. That is, the percent change in ADA for a given interval was generally very close to the percent change in enrollment for that interval (table 4).

## Number of Children Served Under IDEA-B and Chapter 1 of ESEA (SOP)

IDEA-B is the Individuals With Disabilities Education Act, Part B. IDEA-B was formerly known as Education of the Handicapped Act, Part B (EHA-B). From 1976-77 to 1984-85 the program served individuals ages 3 to 21 and from 1985-86 onward IDEA-B has provided services for handicapped individuals ages 3 to 22+. Chapter 1 of the Elementary and Secondary Education Act (ESEA) has provided services to handicapped individuals ages 0 to 21 in state operated programs (SOP) since 1988-89 and from 1976-77 to 1987-88 the program provided services to individuals ages 0 to 20. The purpose of both programs is to assure that all handicapped children have access to a free appropriate public education which emphasizes special education and related services designed to meet their unique needs.

Programs operated under the auspices of the IDEA-B and Chapter 1 of ESEA (SOP) have served students with disabilities since 1976-77. The number of children served in IDEA-B and Chapter 1 programs in the nation grew by 26 percent between 1976-77 and 1989-90. In the Midwest and South from 1976-77 to 1983-84 the number of children served in these programs increased yearly. From 1979-80 in the Northeast and 1977-78 in the West the number of children served in these special education programs increased annually.

All states, except Delaware, the District of Columbia, and Louisiana, had more students participating in IDEA-B and Chapter 1 programs in 1989-90 than 1976-77. The greatest increases in student participation in these programs occurred in Mississippi, New Mexico and Vermont and the greatest decreases occurred in Louisiana and the District of Columbia. Every state in the Northeast and West had more students in IDEA-B and Chapter 1 programs in 1989-90 than in 1979-80.

Examination of total elementary and secondary enrollment and IDEA-B and Chapter 1 enrollment reveals an interesting pattern. Generally the number of students enrolled in IDEA-B and Chapter 1 programs has risen while total elementary and secondary enrollment has declined, indicating a growing proportion of children are being identified as needing some form of special education and

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<sup>2</sup>While NCES has made efforts to collect uniform ADA data, differences in state laws and practices result in variations in the meaning of ADA from state to state. For example, California includes excused absences in its ADA count, while others do not. Thus, care should be taken in making state-to-state comparisons.

are receiving services. When enrollment began increasing after 1984, the number of children served in IDEA-B and Chapter I of ESEA (SOP) programs rose at a slightly faster rate than total enrollment (tables 1 and 5).

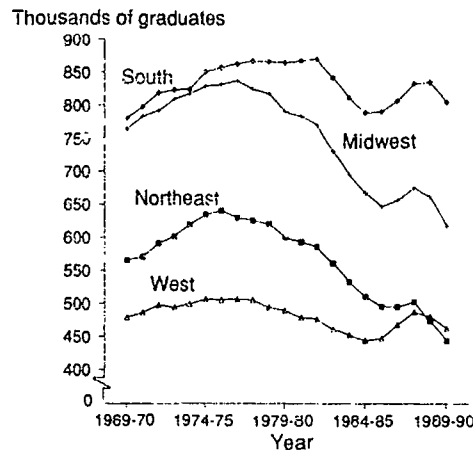
### Public High School Graduates

High school graduates are individuals who received a regular diploma recognizing the completion of secondary school requirements. High school equivalency, other diploma recipients, and other high school completers such as certificate of attendance recipients are not considered high school graduates.

The number of public high school graduates is one measure of high school output. The number of public high school graduates in the United States peaked at 2.8 million in 1976-77 and dipped to a low of 2.3 million in 1989-90. Except for 1986-87 and 1987-88, the number of public high school graduates at the national level has declined annually since 1976-77.

At the regional level, the number of public high school graduates decreased in the early 1980s, rose slightly in the middle of the decade, and declined at the end of the decade in the Midwest and West. In the Northeast the number of public high school graduates has declined annually since 1975-76, except for 1987-88. In the South the number of graduates rose for much of the 1970s and from 1985-86 through 1988-89. The trends for public high school graduates at the regional level are graphed below:

Public high school graduates, by region: 1969-70 to 1989-90



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years and Common Core of Data surveys.

Overall, the number of public high school graduates declined 10 percent, from 2.6 to 2.3 million, between 1969-70 and 1989-90. At the regional level, there were 21 percent fewer graduates in the Northeast, 19 percent in the Midwest, and 3 percent in the West; but there were 3 percent more graduates in the South. Except in the South, the regional declines of public high school graduates in the 1980s were more pronounced than the increases in the 1970s.

At the state level, all Midwestern and Northeastern states, except New Hampshire, experienced declines in graduates between 1969-70 and 1989-90. All states in the Northeast and Midwest experienced drops in graduates between 1979-80 and 1989-90. Only six states—Alaska, Arizona,

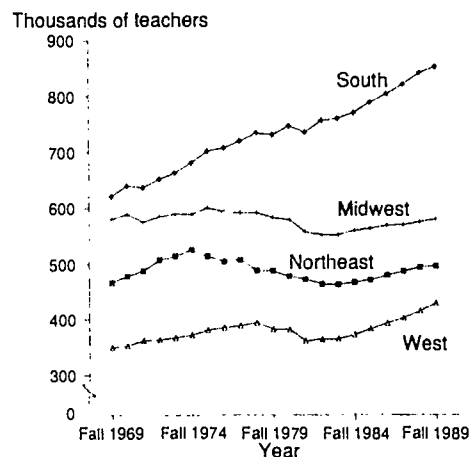
Florida, Nevada, Texas, and Utah—had increases in public high school graduates during the 1970s and 1980s (table 6).

## Teachers

Individuals who provide instruction to pre-kindergarten, kindergarten, grades 1 through 12, or ungraded classes are considered teachers. Individuals who teach in an environment other than a classroom setting are also considered teachers. Data on the number of teachers are collected in the fall of the school year. The number of teachers is expressed in full-time equivalents.

Over the last two decades the number of public elementary and secondary teachers in the United States has increased annually, except between fall 1976 and fall 1981. The number of teachers in the United States grew from 2.0 million in fall 1969 to 2.2 million in fall 1979 to 2.4 million in fall 1989. The regional trends in the number of teachers are graphed below:

**Teachers in public schools, by region: Fall 1969 to fall 1989**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years and Common Core of Data surveys.**

More teachers were employed in 1989-90 than in 1969-70 in each region, except the Midwest which remained about the same. Also, more teachers were employed in public schools in the other three regions (ranging from 5 to 18 percent) in fall 1979 compared to fall 1969. Increases in the number of teachers in these three regions continued through the 1980s, particularly in the South and West, which were having enrollment increases.

The number of teachers employed in all Western states, except Hawaii, increased during the 1970s. Also, all Western states employed more teachers in fall 1989 than in fall 1979.

A comparison of enrollment and teacher data at the national and regional levels reveals an interesting pattern. On the one hand, there were more teachers in fall 1979 than fall 1969; while on the other hand, enrollment declined during this period (table 1 and 7). As a result of the overall increase in teachers and decline in enrollment between 1969 and 1989, the pupil-teacher ratio declined markedly.

## **Pupil/Teacher Ratio**

Pupil/teacher ratio is computed by dividing the number of pupils enrolled at a given period of time by the number of full-time-equivalent classroom teachers serving these pupils during the same period.

There were 5 fewer students per teacher at the national level in fall 1989 than in fall 1969. The pupil/teacher ratio in all regions fell during the 1970s. In the West, pupil/teacher ratio remained about the same in the 1980s. In the other regions between fall 1979 and fall 1989 the pupil/teacher ratio decreased by 3 students in the Northeast and by 2 in the Midwest and South. All states had declining pupil/teacher ratios between fall 1969 and fall 1979 except Maine. In California, Louisiana, and Utah the pupil/teacher ratio rose between 1979 and 1989, but in the rest of the states pupil/teacher ratio declined (table 8).

## **School Staff**

Individuals who work in both the schools and the district office are counted as school staff. District officials, administrators, and administrative support personnel are counted as district staff. School administrators, school and library support staff, teachers, instructional aides, guidance counselors, librarians, and other support staff are counted as school staff.

The number of staff employed in public elementary and secondary schools increased annually after fall 1969, except fall 1978, fall 1981, and fall 1983.<sup>3</sup> At the national level over the 20-year period, the total school staff grew from 3.3 million in fall 1969 to 4.1 million in fall 1979 to 4.4 million in fall 1989.

At both the national and regional levels, school staff size increased more rapidly in the 1970s than in the 1980s. Between 1979 and 1989 the number of school staff rose by 9 percent in the nation, 6 percent in the Northeast, 16 percent in the South, and 10 percent in the West; but remained the same in the Midwest. All states except the District of Columbia had increases in school staff between 1969 and 1989 (table 9).

A comparison of the enrollment, teachers, and school staff shows several interesting patterns. Nationally and in each region the number of teachers and school staff grew during the 1970s while total enrollment decreased. During the 1980s the numbers of teachers, school staff, and enrollment increased in the South and West; but the pattern for the Northeast was similar to that of the 1970s. The number of teachers and staff remained stable in the Midwest during the 1970s (tables 1, 7, and 9).

## **Pupil/Staff Ratio**

Pupil/staff ratio is computed by dividing the number of pupils enrolled at a given period of time by the number of full-time-equivalent staff serving these pupils during the same period.

Generally the pupil/staff ratio fell over the 20-year period. There were 5 fewer students per staff member in fall 1989 than in fall 1969. In the United States the pupil-to-staff ratio decreased more rapidly in the 1970s than in the 1980s. Over the 20-year period, the highest pupil/staff ratio for the nation occurred in fall 1969 and the lowest pupil/staff ratio occurred in fall 1989.

In the regions the pupil/staff ratio also decreased more rapidly in the 1970s than in the 1980s. Between fall 1979 and fall 1989, the pupil/staff ratio decreased by 2 students in the Northeast, 1 in the Midwest and South, and remained about the same in the West. All states indicated the pupil/staff ratio

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<sup>3</sup>While NCES has made efforts to collect uniform school staff data, differences in who is counted as school staff sometimes varies from year to year and from state to state. For example, sometimes nonprofessional staff are included in the school staff data and at other times nonprofessional staff are excluded. Thus care should be taken in making state-to-state comparisons.



was lower in fall 1989 than in fall 1969. All Midwestern and Northeastern states, excluding Vermont, reported declines in pupil/staff ratios during the 1970s and 1980s. During the 1970s, the pupil/staff ratio dropped in every state except South Carolina. During the 1980s, all but 9 states had declines in pupil/staff ratios (table 10).

A comparison of the national and regional change patterns for pupil/teacher and pupil/staff ratios shows similar trends between 1969-70 and 1989-90. That is, if there was a decrease in the pupil/teacher ratio between 1969-70 to 1989-90, there was a corresponding decrease in the pupil/staff ratio for the same interval (tables 8 and 10).

### **Estimated Average Annual Teacher Salaries**

Teacher salaries *generally* account for more than 50 percent of current expenditures. While statewide average salaries are used to allow for some comparisons, readers should note that averages hide vast differences among teacher salaries within districts and between districts and can be greatly influenced by the ratio of new teachers to experienced teachers and local salary schedules.

Average teacher salary is computed by dividing the total number of teachers at a given period of time by the total salary paid to teachers during the same period. Average salary is based on average gross salary before any deductions are made.

In unadjusted dollars, at the national level estimated average teacher salary increased from \$8,626 in 1969-70 to \$31,331 in 1989-90. In constant 1989-90 dollars, however, the average teacher salary declined from \$28,995 in 1969-70 to \$26,120 in 1979-80 and then rose to \$31,331 in 1989-90.

These changes in teacher salaries, in constant dollars, reflect a decline of 10 percent between 1969-70 and 1979-80, and a rise of 20 percent between 1979-80 and 1989-90. Declines in teacher salaries during the 1970s varied among the regions from 8 to 11 percent. Significant rises in teacher salaries occurred between 1979-80 and 1989-90, with regional increases ranging from 18 to 25 percent.

At the state level, average teacher salaries rose between 1969-70 and 1979-80 in only five states—Alaska, Colorado, Hawaii, Kentucky, and the District of Columbia. In contrast, salaries rose during the 1980s in all states except Alaska, Hawaii, Utah, and Washington.

Over the 20 year period, estimated average teacher salaries generally were highest in the Northeast and West and lowest in the South. Over this period, teachers in the Northeast received the greatest increase and the teachers in the Midwest and West received the smallest increase (tables 11 and 12).

### **Current Expenditures**

Current expenditures are those funds spent for operating local public schools, excluding capital outlay and interest on school debt. Current expenditures include such items as staff salaries, fixed charges, student transportation, school books and materials, and energy costs. Beginning in 1980-81, expenditures for state administration are excluded.

Current expenditures for public elementary and secondary schools increased from \$115 billion in 1969-70 to \$142 billion in 1979-80 and to \$181 billion in 1988-89, in constant 1989-90 dollars (table 14).<sup>4</sup> The amount spent for current expenditures in constant 1989-90 dollars rose annually, except for the years between 1978-79 and 1981-82. In each region the amount spent on current

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<sup>4</sup>While NCES has made efforts to adhere to uniform expenditure categories, differences do exist from state to state. Care should be taken when doing state-to-state comparisons.

expenditures rose during the early and middle 1970s, started decreasing at the end of the decade, and then began to rise again in 1982-83.

Some interesting patterns emerge when examining the current expenditure data. While the amount of money spent for current expenditures grew during the 1970s, estimated average salary for teachers fell in all but four states. Also, while current expenditures were growing during this period, total school enrollment decreased in all but 11 states, but the number of teachers rose (tables 1, 11, and 14).

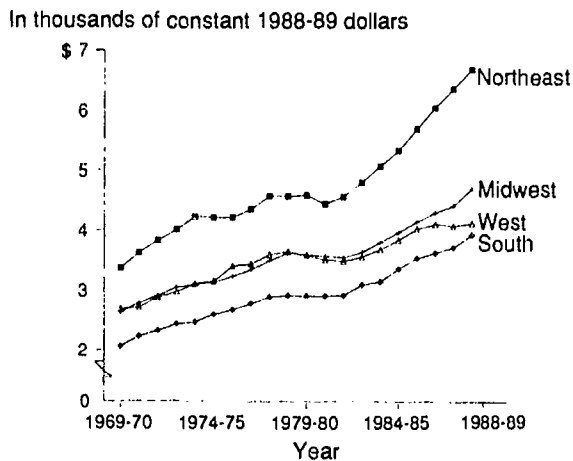
### Current Expenditure per Pupil in Average Daily Attendance<sup>5</sup>

Current expenditure per pupil in average daily attendance is computed by dividing the current expenditures for the regular school term by the average daily attendance of full-time pupils (or full-time-equivalency of pupils) during the term.

At the national level, current expenditure per pupil in average daily attendance, in constant dollars, increased every year between 1969-70 and 1988-89, except in 1979-80 and 1980-81. Expenditure per pupil, in constant 1988-89 dollars, increased 77 percent, from \$2,618 in 1969-70 to \$4,639 in 1988-89. The expenditure per pupil was higher in 1988-89 than in either 1969-70 or 1979-80 in all regions and in every state except Utah where there was no growth between 1979-80 and 1988-89 (tables 15 and 16).

The trends for current expenditure per pupil in average daily attendance in the regions are shown below:

**Current expenditure per pupil in average daily attendance for public schools, by region: 1969-70 to 1988-89**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures of Public Elementary and Secondary Schools*, various years and Common Core of Data surveys.**

<sup>5</sup>The definition of average daily attendance and current expenditures may differ from state to state. Care should be taken when making state-to-state comparisons.

Table 1.—Enrollment<sup>1</sup> in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989

Region and state	Fall 1969	Fall 1970	Fall 1971	Fall 1972	Fall 1973	Fall 1974	Fall 1975	Fall 1976	Fall 1977
<b>United States</b>	<b>45,550,284</b>	<b>45,893,960</b>	<b>46,071,327</b>	<b>45,726,408</b>	<b>45,444,787</b>	<b>45,073,441</b>	<b>44,819,327</b>	<b>44,310,966</b>	<b>43,577,373</b>
<b>Northeast</b>	<b>9,709,742</b>	<b>9,859,626</b>	<b>9,971,570</b>	<b>9,961,918</b>	<b>9,848,531</b>	<b>9,755,488</b>	<b>9,679,178</b>	<b>9,464,529</b>	<b>9,156,161</b>
Connecticut <sup>2</sup>	646,393	662,205	666,867	664,761	667,088	660,067	652,449	635,000	616,389
Maine	240,169	244,670	246,406	250,448	245,467	250,643	250,931	248,822	245,768
Massachusetts	1,147,561	1,167,713	1,191,179	1,202,597	1,205,142	1,210,100	1,198,410	1,169,000	1,116,810
New Hampshire	152,188	158,756	164,102	168,094	171,482	172,117	174,597	175,496	174,618
New Jersey	1,454,378	1,482,000	1,497,841	1,510,519	1,481,605	1,466,956	1,458,000	1,427,000	1,381,528
New York	3,442,809	3,489,245	3,538,474	3,508,004	3,465,450	3,434,116	3,417,453	3,338,809	3,222,612
Pennsylvania	2,346,002	2,363,817	2,370,665	2,361,285	2,321,437	2,277,451	2,246,147	2,193,673	2,128,873
Rhode Island	180,285	188,090	190,696	189,693	184,624	178,662	176,317	172,373	166,629
Vermont	99,957	103,130	105,340	106,517	106,236	105,376	104,874	104,356	102,934
<b>Midwest</b>	<b>12,907,061</b>	<b>12,935,971</b>	<b>12,969,606</b>	<b>12,868,890</b>	<b>12,666,765</b>	<b>12,510,946</b>	<b>12,294,896</b>	<b>12,097,188</b>	<b>11,763,817</b>
Illinois	2,324,516	2,356,636	2,379,646	2,354,562	2,320,672	2,296,241	2,269,892	2,238,129	2,173,352
Indiana	1,223,747	1,231,458	1,230,796	1,220,543	1,207,420	1,186,800	1,173,863	1,163,179	1,143,722
Iowa	660,389	660,104	652,958	646,408	631,132	617,485	612,111	605,127	588,760
Kansas	518,867	513,394	505,267	491,765	479,344	471,460	465,355	458,330	446,592
Michigan	2,138,979	2,152,256	2,182,885	2,164,949	2,123,611	2,137,612	2,073,288	2,035,703	1,968,975
Minnesota	913,915	920,839	913,955	909,653	900,377	889,535	879,944	862,591	836,420
Missouri	1,077,288	1,039,477	1,023,374	1,030,608	1,019,803	1,001,705	965,360	950,142	931,232
Nebraska	330,990	329,110	332,375	329,192	323,211	318,792	315,669	312,024	306,207
North Dakota	147,782	147,013	144,419	141,535	138,302	133,241	131,331	129,106	125,085
Ohio	2,423,831	2,425,643	2,438,743	2,422,654	2,378,349	2,330,150	2,292,647	2,249,440	2,181,979
South Dakota	166,693	166,305	165,267	162,398	157,522	153,592	151,217	148,080	143,630
Wisconsin	980,064	993,736	999,921	995,223	987,022	974,333	964,219	945,337	917,863
<b>South</b>	<b>14,681,416</b>	<b>14,759,001</b>	<b>14,777,250</b>	<b>14,632,851</b>	<b>14,677,072</b>	<b>14,626,703</b>	<b>14,654,450</b>	<b>14,578,250</b>	<b>14,560,506</b>
Alabama	826,237	805,205	806,315	783,383	770,739	764,341	759,346	752,507	761,880
Arkansas	460,115	463,320	461,260	461,431	450,114	454,406	456,703	460,593	458,778
Delaware	130,471	132,745	135,013	134,317	132,940	130,616	127,476	122,233	118,000
District of Columbia	149,054	145,704	142,512	139,918	136,036	131,691	129,969	125,848	119,875
Florida	1,408,095	1,427,896	1,478,504	1,514,359	1,537,952	1,557,054	1,551,373	1,537,336	1,535,570
Georgia	1,112,416	1,098,901	1,093,407	1,090,280	1,085,881	1,081,485	1,090,292	1,095,142	1,089,625
Kentucky	703,720	717,205	720,309	714,632	709,764	701,373	691,612	694,000	697,000
Louisiana	853,766	842,365	851,074	845,841	842,152	840,742	847,202	839,499	839,000
Maryland	891,981	916,244	922,051	920,896	911,097	894,209	880,927	860,929	836,912
Mississippi	575,284	534,395	529,366	526,366	519,786	513,476	512,407	510,209	502,025
North Carolina	1,185,592	1,192,187	1,176,308	1,161,326	1,173,415	1,177,860	1,184,996	1,191,316	1,181,831
Oklahoma	612,374	626,956	625,740	607,084	600,948	596,380	594,816	597,665	594,468
South Carolina	648,182	637,800	648,643	623,778	626,914	627,205	629,729	620,711	620,723
Tennessee	891,414	899,893	891,775	897,598	902,704	872,819	876,926	841,974	878,424
Texas	2,754,600	2,839,900	2,811,700	2,738,131	2,782,151	2,785,296	2,812,888	2,822,754	2,842,842
Virginia	1,076,749	1,078,754	1,074,073	1,069,345	1,085,295	1,093,309	1,103,669	1,100,723	1,082,184
West Virginia	401,366	399,531	403,377	409,989	409,184	404,441	404,110	404,771	401,369
<b>West</b>	<b>8,252,065</b>	<b>8,339,362</b>	<b>8,352,901</b>	<b>8,262,749</b>	<b>8,252,419</b>	<b>8,180,304</b>	<b>8,190,803</b>	<b>8,170,999</b>	<b>8,096,889</b>
Alaska <sup>3</sup>	76,828	79,845	84,381	85,332	82,505	86,576	89,295	91,190	90,344
Arizona	418,069	439,524	464,478	485,088	521,240	487,040	492,995	502,817	513,817
California	4,597,700	4,633,198	4,601,550	4,500,978	4,459,328	4,427,443	4,419,571	4,380,400	4,303,665
Colorado	538,175	550,060	564,502	574,248	573,154	568,060	568,851	564,087	561,807
Hawaii	178,448	180,641	183,654	181,979	178,511	177,030	176,430	174,943	172,356
Idaho	179,873	182,333	185,114	184,663	189,133	187,552	196,616	200,005	201,433
Montana	174,784	176,712	178,367	179,877	173,559	172,158	171,788	170,552	168,732
Nevada	123,663	127,550	130,186	131,660	135,406	137,051	139,745	141,791	143,444
New Mexico	276,286	281,372	284,948	285,094	283,550	282,382	274,612	284,719	281,896
Oregon	478,923	479,527	478,502	471,395	476,518	476,583	477,559	474,707	473,279
Utah	302,394	304,002	305,740	305,916	305,800	306,388	309,708	314,471	317,332
Washington	820,482	817,712	805,049	790,502	788,324	785,457	785,449	780,730	776,463
Wyoming	86,440	86,886	86,430	86,017	85,391	86,584	88,194	90,587	92,321
<b>Outlying Areas</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa	8,779	—	8,018	8,165	10,296	10,186	10,119	9,950	9,291
Guam	21,725	24,757	26,000	26,922	27,329	28,184	28,591	28,570	—
Northern Marianas	—	—	—	—	—	—	—	—	—
Puerto Rico	672,249	686,777	697,410	711,238	712,588	—	697,159	688,592	—
Trust Territories	—	29,723	—	—	—	—	—	—	—
Virgin Islands	—	—	18,860	20,826	22,022	23,343	24,512	25,026	25,571

--Data not available or applicable.

<sup>1</sup> Beginning in 1983, data include students enrolled in public schools on federal bases and other special arrangements.

<sup>2</sup> Includes a relatively small number of prekindergarten students.

<sup>3</sup> Beginning in 1986, data include State vocational/technical students.

**Table 1.—Enrollment in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
<b>42,550,993</b>	<b>41,650,712</b>	<b>40,877,481</b>	<b>40,044,093</b>	<b>39,565,610</b>	<b>39,252,308</b>	<b>39,208,252</b>	<b>39,421,961</b>	<b>39,753,172</b>	<b>40,006,213</b>
8,828,161	8,479,590	8,214,868	7,890,815	7,674,217	7,512,651	7,395,300	7,318,330	7,294,383	7,251,796
593,757	566,634	531,459	505,386	486,470	477,585	468,145	462,026	468,847	465,465
240,016	227,823	222,497	216,293	211,986	209,753	207,537	206,101	211,752	211,817
1,014,464	1,035,724	1,021,885	947,057	908,984	878,844	859,391	844,330	833,918	825,320
172,389	170,546	167,232	163,827	160,197	159,030	158,614	160,974	163,717	166,045
1,337,327	1,287,809	1,246,008	1,199,643	1,172,520	1,147,841	1,129,223	1,116,194	1,107,467	1,092,982
3,093,885	2,969,216	2,871,724	2,783,017	2,718,678	2,674,818	2,645,811	2,621,378	2,607,719	2,594,070
2,046,746	1,968,801	1,909,292	1,839,015	1,783,969	1,737,952	1,701,880	1,683,221	1,674,161	1,668,542
161,285	154,699	148,956	143,414	139,959	136,412	134,610	133,949	134,690	134,800
101,292	98,338	95,815	93,183	91,454	90,416	90,089	90,157	92,112	92,755
<b>11,320,806</b>	<b>11,031,720</b>	<b>10,697,668</b>	<b>10,372,082</b>	<b>10,139,369</b>	<b>9,986,078</b>	<b>9,888,916</b>	<b>9,862,018</b>	<b>9,870,863</b>	<b>9,870,056</b>
2,039,430	2,043,239	1,983,463	1,924,084	1,880,289	1,853,316	1,834,355	1,826,478	1,825,185	1,811,446
1,113,331	1,083,826	1,055,589	1,025,172	999,542	984,384	972,659	966,106	966,780	964,129
568,540	548,317	533,857	516,216	504,983	497,287	491,011	485,332	481,286	480,826
433,538	422,924	415,291	409,909	407,074	405,222	405,347	410,229	416,091	421,112
1,911,345	1,860,498	1,797,052	1,724,787	1,674,697	1,635,963	1,609,448	1,602,747	1,597,154	1,589,287
807,716	778,056	754,318	733,741	715,190	705,236	701,697	705,140	711,134	721,481
900,002	872,933	844,648	818,705	802,535	795,453	793,793	795,107	800,606	802,060
297,796	287,288	280,430	273,340	269,009	266,998	266,599	265,599	267,139	268,100
122,021	117,688	116,885	117,708	117,078	117,213	118,711	118,570	118,703	119,004
2,102,440	2,025,256	1,957,381	1,898,501	1,860,245	1,827,300	1,805,440	1,793,965	1,793,508	1,793,431
138,228	133,840	128,507	125,657	123,897	123,060	123,314	124,291	125,458	126,817
886,419	857,855	830,247	804,262	784,830	774,646	767,542	768,234	767,819	772,363
<b>14,431,503</b>	<b>14,255,129</b>	<b>14,133,839</b>	<b>13,990,167</b>	<b>13,845,305</b>	<b>13,914,276</b>	<b>13,962,912</b>	<b>14,117,297</b>	<b>14,311,912</b>	<b>14,418,553</b>
761,666	754,181	758,771	743,448	724,037	721,901	712,586	730,460	733,735	729,234
456,698	453,125	447,700	437,121	432,565	432,120	432,668	433,410	437,438	437,036
111,034	104,035	99,403	95,072	92,646	91,406	91,767	92,901	94,410	95,659
113,858	106,156	100,049	94,975	91,105	88,843	87,397	87,092	85,612	86,435
1,513,819	1,508,337	1,510,225	1,487,721	1,484,734	1,495,543	1,524,107	1,562,283	1,607,320	1,664,774
1,093,256	1,078,462	1,068,737	1,056,117	1,053,689	1,050,859	1,062,315	1,079,594	1,096,425	1,110,947
692,999	677,123	669,798	658,350	651,084	647,414	644,421	643,833	642,778	642,696
816,669	800,435	777,560	782,053	784,027	800,193	800,941	788,349	795,188	793,093
809,933	777,725	750,665	721,841	699,201	683,491	673,840	671,560	675,747	683,797
493,710	482,039	477,059	471,615	468,294	467,744	466,058	471,195	498,639	505,550
1,162,810	1,150,053	1,129,376	1,108,960	1,096,815	1,089,606	1,088,724	1,086,165	1,085,248	1,085,976
588,870	583,458	577,807	582,572	593,825	591,389	589,690	592,327	593,183	584,212
624,931	624,795	619,223	609,158	608,518	604,553	602,718	606,643	611,629	614,921
873,036	866,117	853,569	838,297	828,264	822,057	817,212	813,753	818,073	823,783
2,867,254	2,872,719	2,900,073	2,935,547	2,985,659	2,989,796	3,040,305	3,131,705	3,209,515	3,236,787
1,055,238	1,031,403	1,010,371	989,548	975,727	966,110	965,222	968,104	975,135	979,417
395,722	387,966	383,503	377,772	375,115	371,251	362,941	357,923	351,837	344,236
<b>7,970,423</b>	<b>7,881,273</b>	<b>7,831,106</b>	<b>7,791,029</b>	<b>7,806,719</b>	<b>7,839,303</b>	<b>7,961,124</b>	<b>8,124,316</b>	<b>8,276,014</b>	<b>8,467,808</b>
90,728	88,573	86,514	90,858	89,413	98,206	104,599	107,345	107,848	106,869
509,830	509,252	513,790	507,199	510,296	506,682	530,062	548,252	534,538	572,421
4,187,967	4,119,511	4,076,421	4,046,156	4,065,486	4,089,017	4,151,110	4,255,554	4,377,989	4,488,398
558,285	550,527	546,033	544,174	545,209	542,196	545,427	550,642	558,415	560,236
170,761	168,660	165,068	162,805	162,024	162,241	163,860	164,169	164,640	166,160
203,022	202,758	203,247	204,524	202,973	206,352	208,080	208,669	208,391	212,444
164,326	158,208	155,193	153,435	152,335	153,646	154,412	153,869	153,327	152,207
146,281	147,734	149,481	151,339	151,104	150,442	151,633	154,948	161,239	168,353
279,249	275,572	271,198	268,091	268,632	269,711	272,478	277,551	281,943	287,229
471,374	467,128	464,599	457,165	448,184	447,109	446,884	447,527	449,307	455,895
325,026	333,049	343,618	355,554	370,183	378,208	390,141	403,305	415,994	423,386
769,246	764,879	757,639	750,188	739,215	736,239	741,177	749,706	761,428	775,755
94,328	95,422	98,305	99,541	101,665	99,254	101,261	102,779	100,955	98,455
—	—	—	—	—	808,546	—	—	—	—
—	—	9,647	9,896	—	10,124	—	—	11,055	11,248
—	27,582	26,420	25,084	25,676	26,249	—	26,043	25,676	25,936
4,513	4,407	—	5,300	—	4,499	4,841	—	—	5,819
721,419	—	712,880	721,419	708,794	701,925	692,923	686,914	679,489	672,837
—	—	—	—	—	39,623	—	—	—	—
25,138	25,553	25,201	25,525	25,699	26,126	26,122	25,448	24,435	24,020

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.

Table 1.—Enrollment in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989—Continued

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>40,188,690</b>	<b>40,526,364</b>	<b>-11.0</b>	<b>-8.6</b>	<b>-2.7</b>	<b>-1.0</b>	<b>-7.6</b>	<b>-5.9</b>	<b>3.4</b>
<b>Northeast</b> .....	<b>7,207,646</b>	<b>7,200,244</b>	<b>-25.8</b>	<b>-12.7</b>	<b>-15.1</b>	<b>0.5</b>	<b>-13.1</b>	<b>-12.8</b>	<b>-2.6</b>
Connecticut .....	460,637	461,560	-28.6	-12.3	-18.5	2.1	-14.2	-17.4	-1.4
Maine .....	212,902	213,775	-11.0	-5.1	-6.2	4.4	-9.1	-8.9	3.0
Massachusetts .....	823,428	825,588	-28.1	-9.7	-20.3	5.4	-14.4	-17.0	-3.9
New Hampshire .....	169,413	171,696	12.8	12.1	0.7	13.1	-0.9	-7.0	8.2
New Jersey .....	1,080,871	1,076,005	-26.0	-11.5	-16.4	0.9	-12.2	-12.3	-4.7
New York .....	2,573,715	2,565,841	-25.5	-13.8	-13.6	-0.3	-13.5	-10.9	-3.0
Pennsylvania .....	1,659,714	1,655,271	-29.4	-16.1	-15.9	-2.9	-13.6	-13.6	-2.7
Rhode Island .....	133,585	135,729	-24.7	-14.2	-12.3	-0.9	-13.4	-13.0	0.8
Vermont .....	93,381	94,779	-5.2	-1.6	-3.6	5.4	-6.7	-8.4	5.2
<b>Midwest</b> .....	<b>9,845,634</b>	<b>9,851,271</b>	<b>-23.7</b>	<b>-14.5</b>	<b>-10.7</b>	<b>-3.1</b>	<b>-11.8</b>	<b>-10.4</b>	<b>-0.4</b>
Illinois .....	1,794,916	1,797,355	-22.7	-12.1	-12.0	-1.2	-11.0	-10.2	-2.0
Indiana .....	960,994	954,165	-22.0	-11.4	-12.0	-3.0	-8.7	-10.3	-1.9
Iowa .....	478,200	478,486	-27.5	-17.0	-12.7	-6.5	-11.2	-10.5	-2.6
Kansas .....	426,596	430,864	-17.0	-18.5	1.9	-9.1	-10.3	-4.2	6.3
Michigan .....	1,582,785	1,576,785	-26.3	-13.0	-15.2	-0.1	-13.0	-13.5	-2.0
Minnesota .....	726,950	739,553	-19.1	-14.9	-4.9	-2.7	-12.5	-9.8	5.4
Missouri .....	806,639	807,934	-25.0	-19.0	-7.4	-7.0	-12.9	-9.1	1.8
Nebraska .....	269,434	270,920	-18.1	-13.2	-5.7	-3.7	-9.9	-7.5	2.0
North Dakota .....	118,809	117,816	-20.3	-20.4	0.1	-9.8	-11.7	0.9	-0.8
Ohio .....	1,778,544	1,767,159	-27.1	-16.4	-12.7	-3.9	-13.1	-10.9	-2.1
South Dakota .....	126,910	127,329	-23.6	-19.7	-4.9	-7.9	-12.9	-7.9	3.3
Wisconsin .....	774,857	782,905	-20.1	-12.5	-8.7	-0.6	-12.0	-10.5	2.0
<b>South</b> .....	<b>14,491,063</b>	<b>14,587,396</b>	<b>-0.6</b>	<b>-2.9</b>	<b>2.3</b>	<b>-0.4</b>	<b>-2.5</b>	<b>-2.1</b>	<b>4.5</b>
Alabama .....	724,751	723,343	-12.5	-8.7	-4.1	-7.5	-1.3	-5.5	1.5
Arkansas .....	436,387	434,960	-5.5	-1.5	-4.0	-1.2	-0.3	-4.5	0.5
Delaware .....	96,678	97,808	-25.0	-20.3	-6.0	0.1	-20.4	-11.8	6.6
District of Columbia .....	84,792	81,301	-45.5	-28.8	-23.4	-11.6	-19.4	-17.7	-7.0
Florida .....	1,720,930	1,772,349	25.9	7.1	17.5	10.6	-3.1	1.0	16.3
Georgia .....	1,107,994	1,126,535	1.3	-3.1	4.5	-2.8	-0.3	-1.5	6.0
Kentucky .....	637,627	630,688	-10.4	-3.8	-6.9	-0.3	-3.5	-4.8	-2.1
Louisiana .....	786,683	783,025	-8.3	-6.2	-2.2	-1.5	-4.8	0.1	-2.2
Maryland .....	688,947	698,806	-21.7	-12.8	-10.1	0.2	-13.0	-13.4	3.7
Mississippi .....	503,326	502,020	-12.7	-16.2	4.1	-10.7	-6.1	-3.3	7.7
North Carolina .....	1,083,156	1,080,744	-8.8	-3.0	-6.0	-0.7	-2.4	-5.3	-0.7
Oklahoma .....	580,426	578,580	-5.5	-4.7	-0.8	-2.6	-2.2	1.1	-1.9
South Carolina .....	615,774	616,177	-4.9	-3.6	-1.4	-3.2	-0.4	-3.5	2.2
Tennessee .....	821,580	819,660	-8.0	-2.8	-5.4	-2.1	-7.8	-5.6	0.3
Texas .....	3,283,707	3,328,514	20.8	4.3	15.9	1.1	3.1	5.8	9.5
Virginia .....	982,393	985,346	-8.5	-4.2	-4.5	1.5	-5.7	-6.4	2.1
West Virginia .....	335,912	327,540	-18.4	-3.3	-15.6	0.8	-4.1	-6.5	-9.8
<b>West</b> .....	<b>8,644,347</b>	<b>8,887,453</b>	<b>7.7</b>	<b>-4.5</b>	<b>12.8</b>	<b>-0.9</b>	<b>-3.7</b>	<b>1.0</b>	<b>11.6</b>
Alaska .....	106,481	109,280	42.2	15.3	23.4	12.7	2.3	18.1	4.5
Arizona .....	574,890	607,615	45.3	21.8	19.3	16.5	4.6	4.1	14.6
California .....	4,618,120	4,771,978	3.8	-10.4	15.8	-3.7	-7.0	0.8	15.0
Colorado .....	560,081	562,755	4.6	2.3	2.2	5.6	-3.1	-0.9	3.2
Hawaii .....	167,488	169,493	-5.0	-5.5	0.5	-0.8	-4.7	-2.8	3.4
Idaho .....	214,615	214,932	19.5	12.7	6.0	4.3	8.1	2.6	3.3
Montana .....	152,191	151,265	-13.5	-9.5	-4.4	-1.5	-8.1	-2.4	-2.0
Nevada .....	176,474	186,834	51.1	19.5	26.5	10.8	7.8	2.6	23.2
New Mexico .....	292,425	296,057	7.2	-0.3	7.4	2.2	-2.4	-1.1	8.7
Oregon .....	461,752	472,394	-1.4	-2.5	1.1	-0.5	-2.0	-4.3	5.7
Utah .....	431,119	437,446	44.7	10.1	31.3	1.3	8.7	17.1	12.1
Washington .....	790,918	810,232	-1.2	-6.8	5.9	-4.3	-2.6	-3.1	9.3
Wyoming .....	97,793	97,172	12.4	10.4	1.8	0.2	10.2	6.1	-4.0
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	11,764	12,258	39.6	—	—	16.0	—	—	—
Guam .....	26,041	26,493	21.9	27.0	-3.9	29.7	-2.1	—	—
Northern Marianas .....	6,079	6,101	—	—	38.4	—	—	9.8	26.0
Puerto Rico .....	661,693	651,225	-3.1	—	—	—	—	—	-6.0
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	23,492	21,193	—	—	-17.1	—	9.5	2.2	-18.9

Chart 1a. —Percentage change in public elementary and secondary enrollment, by state: Fall 1969 to fall 1989

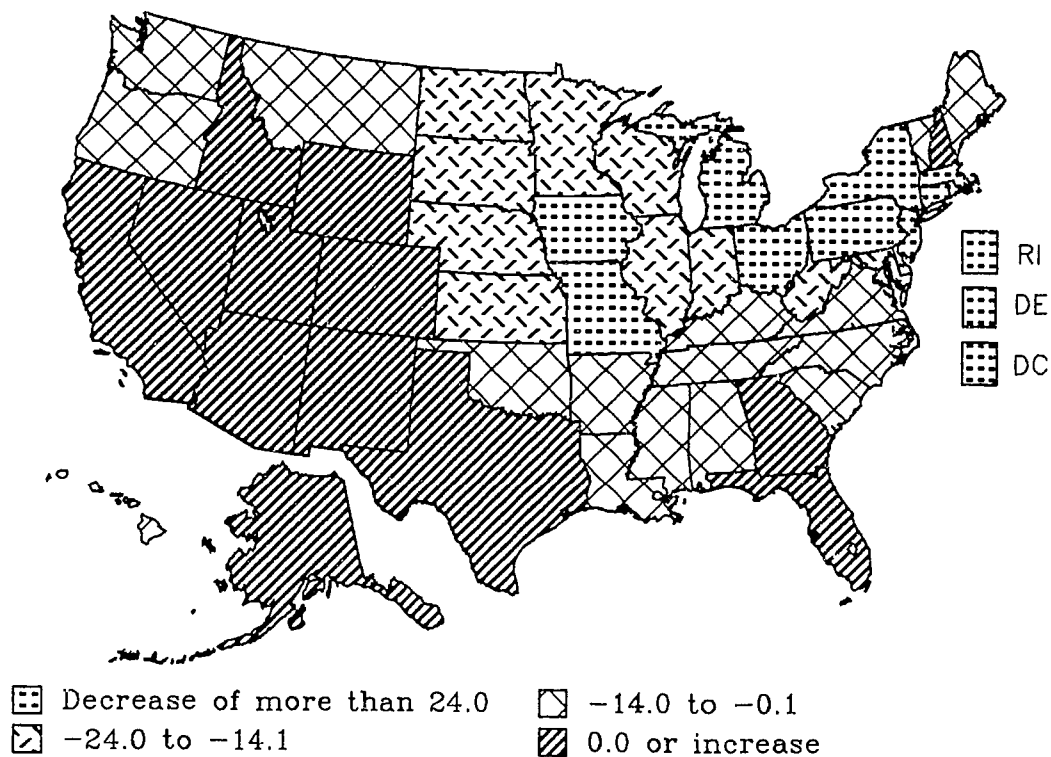
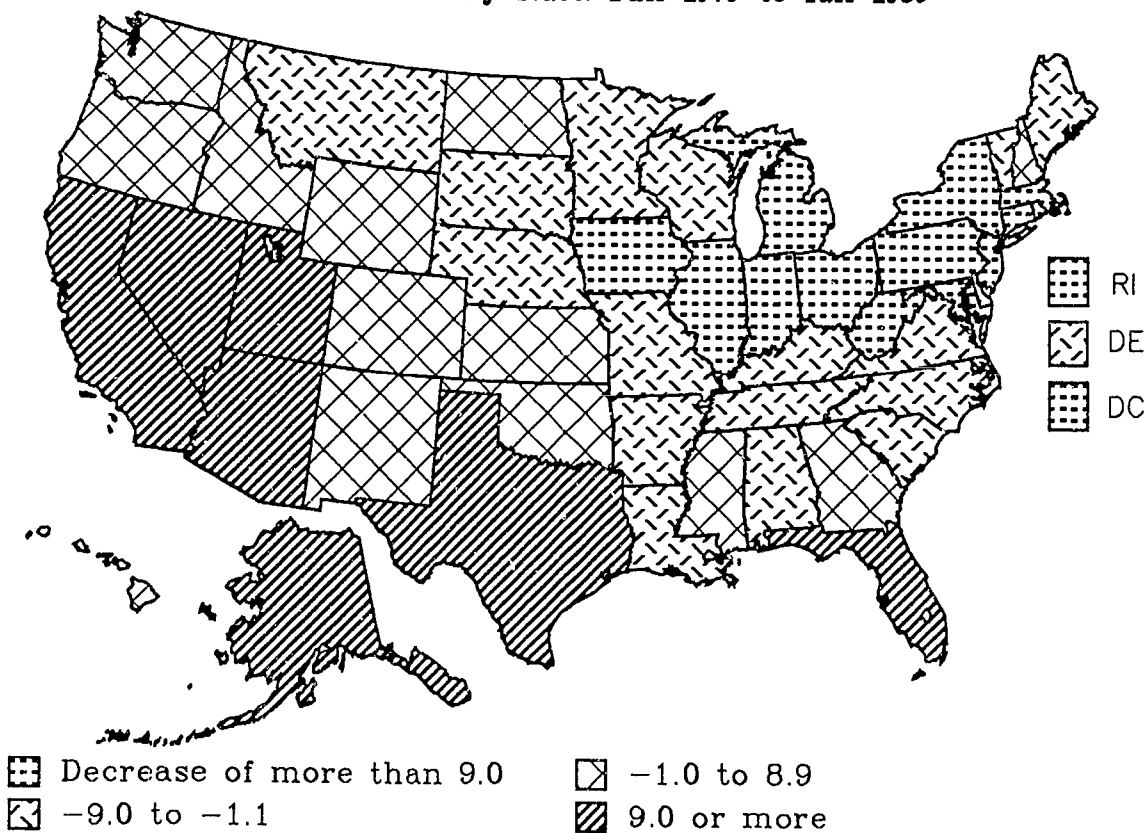


Chart 1b. —Percentage change in public elementary and secondary enrollment, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.

**Table 2.—Elementary enrollment<sup>1</sup> in public schools, by region and state:  
Fall 1969 to fall 1989**

Region and state	Fall 1969	Fall 1970	Fall 1971	Fall 1972	Fall 1973	Fall 1974	Fall 1975	Fall 1976	Fall 1977
<b>United States</b> .....	<b>32,513,403</b>	<b>32,558,308</b>	<b>32,318,229</b>	<b>31,878,600</b>	<b>31,400,809</b>	<b>30,970,723</b>	<b>30,515,131</b>	<b>29,996,835</b>	<b>29,374,503</b>
<b>Northeast</b> .....	<b>6,913,399</b>	<b>6,976,378</b>	<b>6,977,981</b>	<b>6,911,582</b>	<b>6,734,330</b>	<b>6,631,393</b>	<b>6,519,709</b>	<b>6,317,557</b>	<b>6,074,338</b>
Connecticut .....	479,118	487,416	483,836	476,604	440,965	459,965	449,787	434,403	416,769
Maine .....	174,748	176,804	177,552	178,782	174,566	174,439	172,350	170,531	166,704
Massachusetts .....	828,380	833,171	838,069	852,836	846,540	836,500	813,410	786,700	755,921
New Hampshire .....	109,207	113,700	116,626	118,466	120,351	119,983	120,395	120,399	119,413
New Jersey .....	1,044,783	1,063,276	1,058,768	1,069,560	1,029,202	1,010,969	998,000	961,080	932,320
New York .....	2,442,700	2,457,791	2,468,560	2,419,467	2,365,215	2,320,664	2,290,285	2,213,230	2,109,573
Pennsylvania .....	1,631,991	1,634,940	1,621,816	1,596,209	1,551,631	1,509,909	1,480,733	1,441,357	1,390,197
Rhode Island .....	129,888	135,389	136,343	134,924	130,419	124,327	121,297	117,202	112,570
Vermont .....	72,584	73,891	76,411	76,017	75,441	74,637	73,452	72,655	71,071
<b>Midwest</b> .....	<b>9,196,955</b>	<b>9,162,887</b>	<b>9,075,299</b>	<b>8,898,559</b>	<b>8,660,908</b>	<b>8,494,643</b>	<b>8,246,091</b>	<b>8,060,290</b>	<b>7,799,279</b>
Illinois .....	1,668,269	1,687,909	1,699,218	1,650,506	1,609,242	1,572,145	1,538,579	1,506,052	1,451,242
Indiana .....	875,809	876,558	866,813	852,836	834,093	813,073	795,838	784,235	766,821
Iowa .....	464,845	464,543	453,678	446,828	431,222	417,417	408,460	399,473	385,452
Kansas .....	363,702	357,029	346,276	333,980	322,309	314,240	310,964	305,360	298,019
Michigan .....	1,567,217	1,576,554	1,542,904	1,512,777	1,472,500	1,482,208	1,418,905	1,386,286	1,336,464
Minnesota .....	628,667	630,930	627,456	618,161	601,738	586,588	572,827	554,497	533,211
Missouri .....	791,381	748,299	724,917	719,061	700,674	680,224	645,886	630,956	614,938
Nebraska .....	233,840	229,920	230,659	226,829	220,281	214,830	210,445	206,422	201,769
North Dakota .....	100,985	100,441	97,557	94,319	90,351	85,746	83,747	82,000	79,220
Ohio .....	1,715,021	1,698,298	1,697,512	1,665,936	1,617,374	1,584,740	1,535,447	1,504,071	1,455,646
South Dakota .....	115,973	113,976	113,150	110,361	106,179	102,559	99,844	97,296	93,987
Wisconsin .....	671,246	678,430	675,159	666,965	654,945	640,873	625,149	603,642	582,510
<b>South</b> .....	<b>10,580,947</b>	<b>10,586,205</b>	<b>10,486,787</b>	<b>10,343,757</b>	<b>10,337,235</b>	<b>10,257,930</b>	<b>10,188,021</b>	<b>10,108,183</b>	<b>10,017,753</b>
Alabama .....	588,937	569,547	568,396	546,545	534,814	528,318	520,405	513,140	524,957
Arkansas .....	326,097	329,750	325,969	324,524	316,665	317,303	317,458	319,166	316,401
Delaware .....	94,125	94,328	94,691	92,728	90,325	87,713	84,389	80,001	76,231
District of Columbia .....	116,554	113,194	109,874	106,322	101,825	98,114	94,105	89,925	85,581
Florida .....	1,011,606	1,015,811	1,032,505	1,052,596	1,065,459	1,077,734	1,061,282	1,042,342	1,036,314
Georgia .....	812,872	799,522	769,493	784,681	777,831	768,560	750,505	768,603	760,208
Kentucky .....	504,890	513,148	508,932	500,774	494,467	485,582	475,098	476,329	480,247
Louisiana .....	625,128	615,562	619,045	605,075	598,256	590,432	592,479	581,588	577,452
Maryland .....	649,786	664,024	661,928	653,642	640,228	621,561	606,512	587,384	562,498
Mississippi .....	418,395	388,647	382,949	377,964	369,467	361,214	356,234	353,173	346,632
North Carolina .....	836,587	835,739	820,497	812,207	814,431	818,594	817,537	825,381	816,645
Oklahoma .....	432,561	437,332	437,612	421,676	414,717	411,516	408,378	406,149	403,438
South Carolina .....	471,456	459,145	460,481	436,245	444,616	443,310	443,431	425,184	421,990
Tennessee .....	642,927	648,633	639,287	634,375	643,309	617,603	626,230	603,714	608,498
Texas .....	1,983,100	2,045,900	2,006,400	1,955,050	1,991,736	1,987,794	1,991,629	1,998,615	1,983,801
Virginia .....	783,782	775,497	764,866	752,046	753,005	756,245	759,305	752,495	734,350
West Virginia .....	282,144	280,426	283,862	287,307	286,084	283,337	283,044	284,994	282,510
<b>West</b> .....	<b>5,822,102</b>	<b>5,832,838</b>	<b>5,778,162</b>	<b>5,724,702</b>	<b>5,668,336</b>	<b>5,586,757</b>	<b>5,561,310</b>	<b>5,510,805</b>	<b>5,483,133</b>
Alaska <sup>2</sup> .....	58,821	61,030	61,675	63,568	60,562	61,338	64,574	65,059	63,292
Arizona .....	299,390	313,697	331,105	346,981	367,997	346,599	349,831	354,281	358,889
California .....	3,242,700	3,230,905	3,166,351	3,114,208	3,060,277	3,019,441	2,992,901	2,940,300	2,919,607
Colorado .....	385,034	390,593	395,644	399,955	395,218	387,959	383,694	377,685	375,105
Hawaii .....	128,720	129,146	130,289	127,868	124,035	122,394	120,621	118,420	115,344
Idaho .....	122,703	123,933	125,223	124,549	126,671	124,985	133,335	135,816	137,107
Montana .....	121,021	120,825	122,041	123,209	119,416	115,142	114,646	112,930	111,843
Nevada .....	90,940	93,108	94,042	93,530	95,401	95,667	95,763	95,909	95,448
New Mexico .....	195,355	198,595	200,315	198,813	190,895	188,073	183,144	192,085	188,864
Oregon .....	325,414	325,065	322,252	318,256	321,619	321,201	321,449	316,521	316,712
Utah .....	213,394	212,669	212,644	212,522	211,110	210,961	212,452	216,106	219,746
Washington .....	578,080	572,881	556,913	542,250	537,865	533,540	530,116	523,501	518,282
Wyoming .....	60,530	60,391	59,668	58,993	57,270	59,457	58,784	62,192	62,894
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	6,957	—	6,013	5,981	8,204	8,013	8,022	7,746	7,022
Guam .....	16,240	19,259	20,242	20,710	20,843	21,178	21,311	21,245	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	536,752	541,621	547,186	555,515	553,149	—	523,245	530,054	—
Trust Territories .....	—	25,709	—	—	—	—	—	—	—
Virgin Islands .....	—	—	15,365	15,367	16,811	18,898	19,697	19,530	20,373

—Data not available or applicable

<sup>2</sup> Beginning in 1983, data includes students enrolled in public schools on federal bases and other special arrangements.

<sup>1</sup> Includes kindergarten through grade 8 enrollment and a small number of prekindergarten students.

**Table 2.—Elementary enrollment in public schools, by region and state:  
Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
<b>28,463,348</b>	<b>28,034,345</b>	<b>27,646,536</b>	<b>27,280,220</b>	<b>27,160,518</b>	<b>26,980,962</b>	<b>26,904,517</b>	<b>27,034,244</b>	<b>27,420,063</b>	<b>27,931,487</b>
<b>5,785,269</b>	<b>5,526,853</b>	<b>5,358,484</b>	<b>5,147,777</b>	<b>5,039,116</b>	<b>4,940,902</b>	<b>4,853,555</b>	<b>4,818,774</b>	<b>4,843,676</b>	<b>4,902,906</b>
396,975	377,762	363,590	347,490	335,997	328,574	323,391	321,203	321,823	326,250
161,797	155,882	152,642	148,769	146,848	145,814	143,986	142,443	143,671	145,499
721,266	684,910	676,314	620,543	596,990	578,306	566,028	559,057	559,418	565,042
117,241	114,526	111,902	109,959	107,349	106,303	105,525	106,912	109,948	114,098
884,390	847,766	819,567	788,153	776,608	761,464	747,182	740,497	742,321	747,402
2,000,069	1,905,387	1,838,492	1,786,679	1,761,336	1,735,517	1,712,219	1,703,430	1,713,465	1,734,332
1,326,561	1,270,676	1,231,428	1,186,821	1,157,356	1,130,767	1,102,776	1,092,558	1,097,671	1,111,648
107,292	107,189	98,190	94,365	92,451	90,705	89,710	89,971	91,964	93,623
69,618	57,755	66,359	64,988	64,181	63,452	62,738	62,703	63,392	65,012
<b>7,465,600</b>	<b>7,334,978</b>	<b>7,145,870</b>	<b>6,975,492</b>	<b>6,861,392</b>	<b>6,779,684</b>	<b>6,698,975</b>	<b>6,671,514</b>	<b>6,712,567</b>	<b>6,793,446</b>
1,365,164	1,367,133	1,334,909	1,304,192	1,286,858	1,271,525	1,254,477	1,246,496	1,249,340	1,251,790
720,671	723,064	708,419	690,810	679,033	670,440	661,779	654,061	653,613	658,656
369,307	357,588	351,155	341,218	337,728	333,198	328,835	324,332	323,536	328,436
290,299	284,761	282,725	282,014	282,879	282,389	282,182	285,671	291,564	298,516
1,294,499	1,268,210	1,227,437	1,182,083	1,140,534	1,113,691	1,090,362	1,085,582	1,089,757	1,097,004
512,834	496,170	482,025	480,008	471,670	466,578	464,107	467,957	479,130	496,553
593,923	579,470	567,198	553,012	546,751	546,155	545,062	544,197	549,348	557,073
194,376	189,646	189,029	186,755	186,265	185,941	184,618	184,296	185,282	188,166
77,544	75,542	76,787	79,579	81,171	82,321	83,635	83,702	83,930	84,379
1,396,760	1,351,413	1,312,353	1,277,103	1,258,642	1,240,344	1,220,019	1,206,174	1,208,110	1,219,978
90,437	88,400	86,178	85,887	85,990	86,324	86,724	87,644	89,373	91,362
559,786	543,581	527,655	512,831	503,871	500,778	497,175	501,402	509,584	521,533
<b>9,927,400</b>	<b>9,832,081</b>	<b>9,820,161</b>	<b>9,777,127</b>	<b>9,832,831</b>	<b>9,818,300</b>	<b>9,839,619</b>	<b>9,924,849</b>	<b>10,096,557</b>	<b>10,245,038</b>
509,616	519,077	527,753	518,534	509,952	510,814	514,355	517,361	518,982	521,004
313,738	312,011	309,909	305,030	304,443	304,975	304,518	303,536	306,851	307,248
69,811	65,134	62,464	60,287	61,367	61,181	61,961	63,082	64,807	66,714
79,963	75,180	70,978	67,547	64,696	63,297	62,808	62,494	62,456	62,857
1,027,152	1,031,452	1,041,859	1,035,323	1,038,998	1,044,107	1,061,736	1,086,250	1,120,938	1,171,809
763,196	745,910	741,675	736,565	739,178	738,258	745,837	756,752	777,991	795,032
477,570	466,201	463,804	458,781	457,505	454,931	451,111	448,768	446,901	449,033
565,844	555,095	543,598	543,275	561,411	577,234	578,911	573,068	580,771	582,742
535,565	510,259	492,842	472,288	461,794	451,716	446,244	446,321	456,045	472,909
340,084	325,650	329,760	328,016	326,998	327,509	325,454	329,981	356,052	364,129
800,807	796,033	785,881	772,876	768,755	761,053	755,313	749,451	748,451	753,595
398,510	398,695	398,895	408,579	423,140	420,913	416,664	414,279	417,287	410,995
428,682	428,924	426,384	424,362	424,362	423,016	422,417	424,125	427,751	431,585
616,060	610,435	602,044	593,556	590,839	587,014	581,452	574,517	577,045	582,432
1,999,905	2,004,224	2,048,684	2,098,126	2,149,813	2,155,012	2,188,511	2,260,679	2,317,454	2,350,856
730,918	714,954	703,322	690,736	682,630	674,016	667,215	665,151	673,237	685,172
269,579	272,847	270,309	266,944	266,950	263,254	255,112	249,034	243,538	236,926
<b>5,285,139</b>	<b>5,350,433</b>	<b>5,322,021</b>	<b>5,379,824</b>	<b>5,427,179</b>	<b>5,442,076</b>	<b>5,512,368</b>	<b>5,619,107</b>	<b>5,767,263</b>	<b>5,990,097</b>
62,802	61,065	60,417	63,756	63,211	70,284	75,206	77,211	77,906	77,885
349,695	353,408	357,112	355,275	359,229	354,415	373,235	386,057	371,419	412,501
2,728,637	2,786,484	2,729,725	2,769,788	2,801,818	2,813,524	2,845,962	2,926,705	3,045,684	3,171,170
374,158	369,928	374,366	376,043	379,599	376,775	376,216	378,735	386,304	391,986
113,341	111,693	109,597	111,383	112,410	112,698	113,716	113,496	115,076	117,514
139,481	141,193	143,759	145,547	145,416	148,363	148,937	149,380	149,613	153,356
109,463	105,735	105,680	106,235	106,869	108,268	108,796	107,918	107,572	108,017
96,682	97,819	100,597	102,635	102,639	102,358	104,963	107,070	112,164	119,077
187,102	186,215	185,874	187,192	189,968	191,824	194,928	187,479	191,037	195,413
317,533	317,045	319,129	315,388	308,964	307,121	305,628	305,418	308,527	317,920
228,391	237,872	250,242	261,722	275,145	280,792	289,340	298,760	308,389	313,953
513,000	515,258	515,430	513,018	507,515	503,551	502,392	506,890	521,333	540,936
64,854	66,718	70,093	71,842	74,396	72,103	73,049	73,988	72,239	70,369
—	—	—	—	—	—	<b>603,235</b>	—	—	—
—	—	7,174	7,350	—	—	7,535	—	—	—
—	20,193	19,603	18,932	19,168	19,331	—	19,266	8,133	8,313
3,353	3,267	—	3,964	—	—	3,215	—	—	18,713
534,421	—	521,865	—	522,366	519,143	512,205	507,973	503,012	498,853
—	—	—	—	—	34,105	—	—	—	—
19,163	19,330	19,716	19,588	19,294	19,906	19,131	18,690	17,778	17,131

SOURCE: U.S. Department of Education, National Center for Education Statistics. *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.



Table 2.—Elementary enrollment in public schools, by region and state:  
Fall 1969 to fall 1989—Continued

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>28,499,136</b>	<b>29,148,875</b>	<b>-10.3</b>	<b>-13.8</b>	<b>4.0</b>	<b>-4.7</b>	<b>-9.5</b>	<b>-4.0</b>	<b>8.3</b>
<b>Northeast</b> .....	<b>4,984,884</b>	<b>5,070,727</b>	<b>-26.7</b>	<b>-20.1</b>	<b>-8.3</b>	<b>-4.1</b>	<b>-16.7</b>	<b>-12.2</b>	<b>4.5</b>
Connecticut .....	331,697	338,378	-29.4	-21.2	-10.4	-4.0	-17.9	-14.4	4.6
Maine .....	148,904	152,267	-12.9	-10.8	-2.3	-0.2	-10.6	-7.6	5.8
Massachusetts .....	577,795	590,238	-28.7	-17.3	-13.8	1.0	-18.1	-17.4	4.3
New Hampshire .....	119,785	124,410	13.9	4.9	8.6	9.9	-4.5	-7.9	17.9
New Jersey .....	755,073	765,810	-26.7	-18.9	-9.7	-3.2	-16.1	-11.9	2.5
New York .....	1,757,922	1,784,130	-27.0	-22.0	-6.4	-5.0	-17.9	-10.1	4.2
Pennsylvania .....	1,131,662	1,147,979	-29.7	-22.1	-9.7	-7.5	-15.8	-13.2	4.1
Rhode Island .....	95,285	98,412	-24.2	-21.3	-3.7	-4.3	-17.8	-12.2	9.7
Vermont .....	66,761	69,103	-4.8	-6.7	2.0	2.8	-9.2	-7.4	10.1
<b>Midwest</b> .....	<b>6,893,883</b>	<b>6,999,951</b>	<b>-23.9</b>	<b>-20.4</b>	<b>-4.4</b>	<b>-7.6</b>	<b>-13.8</b>	<b>-8.5</b>	<b>4.5</b>
Illinois .....	1,259,124	1,280,021	-23.3	-18.1	-6.4	-5.8	-13.0	-6.2	2.0
Indiana .....	667,647	671,036	-23.4	-17.4	-7.2	-7.2	-11.1	-8.5	1.4
Iowa .....	333,988	338,422	-27.2	-23.1	-5.4	-10.2	-14.3	-8.0	2.9
Kansas .....	306,751	313,588	-13.8	-21.7	10.1	-13.6	-9.4	-0.9	11.1
Michigan .....	1,113,595	1,127,921	-28.0	-19.1	-11.1	-5.4	-14.4	-14.0	3.4
Minnesota .....	511,279	528,507	-15.9	-21.1	6.5	-6.7	-15.4	-6.5	13.9
Missouri .....	567,860	576,243	-27.2	-26.8	-0.6	-14.0	-14.8	-5.9	5.7
Nebraska .....	191,302	194,227	-16.9	-18.9	2.4	-8.1	-11.7	-2.7	5.2
North Dakota .....	85,182	84,920	-15.9	-25.2	12.4	-15.1	-11.9	10.7	1.5
Ohio .....	1,229,384	1,242,327	-27.6	-21.2	-8.1	-7.6	-14.7	-9.7	1.8
South Dakota .....	92,556	93,596	-19.3	-23.8	5.9	-11.6	-13.8	-1.9	7.9
Wisconsin .....	535,215	549,143	-18.2	-19.0	1.0	-4.5	-15.2	-8.5	10.5
<b>South</b> .....	<b>10,413,102</b>	<b>10,617,487</b>	<b>0.3</b>	<b>-7.1</b>	<b>8.0</b>	<b>-3.1</b>	<b>-4.2</b>	<b>0.1</b>	<b>7.9</b>
Alabama .....	521,650	525,730	-10.7	-11.9	1.3	-10.3	-1.7	-0.9	2.2
Arkansas .....	309,268	311,060	-4.6	-4.3	-0.3	-2.7	-1.7	-2.4	2.1
Delaware .....	68,886	70,699	-24.9	-30.8	8.5	-6.8	-25.7	-4.9	14.1
District of Columbia .....	62,334	60,662	-48.0	-35.5	-19.3	-15.8	-23.4	-16.5	-3.4
Florida .....	1,232,007	1,303,439	28.8	2.0	26.4	6.5	-4.3	2.9	22.8
Georgia .....	807,864	828,426	1.9	-8.2	11.1	-5.5	-2.9	0.0	11.1
Kentucky .....	451,805	451,858	-10.5	-7.7	-3.1	-3.8	-4.0	-3.2	0.2
Louisiana .....	581,095	581,702	-6.9	-11.2	4.8	-5.6	-6.0	4.3	0.5
Maryland .....	489,115	507,007	-22.0	-21.5	-0.6	-4.3	-17.9	-12.5	13.6
Mississippi .....	367,593	369,513	-11.7	-22.2	13.5	-13.7	-9.8	-0.1	13.5
North Carolina .....	761,069	769,825	-8.0	-4.8	-3.3	-2.2	-2.8	-5.1	1.9
Oklahoma .....	413,656	420,940	-2.7	-7.8	5.6	-4.9	-3.1	4.5	1.0
South Carolina .....	437,826	443,712	-5.9	-9.0	3.4	-5.3	-3.9	-1.5	5.0
Tennessee .....	585,972	590,121	-8.2	-5.1	-3.3	-3.9	-1.2	-4.7	1.5
Texas .....	2,392,079	2,443,245	23.2	1.1	21.9	0.2	0.8	9.2	11.6
Virginia .....	699,064	712,297	-9.1	-8.8	-0.4	-3.5	-5.5	-6.7	6.8
West Virginia .....	231,819	227,251	-19.5	-3.3	-16.7	0.4	-3.7	-6.5	-10.9
<b>West</b> .....	<b>6,207,267</b>	<b>6,460,710</b>	<b>11.0</b>	<b>-8.1</b>	<b>20.8</b>	<b>-4.0</b>	<b>-4.2</b>	<b>3.0</b>	<b>17.2</b>
Alaska .....	78,518	81,698	38.9	3.8	33.8	4.3	-0.4	23.2	8.6
Arizona .....	417,579	451,311	50.7	18.0	27.7	15.8	2.0	5.6	20.9
California .....	3,317,194	3,470,574	7.0	-14.1	24.6	-6.9	-7.7	2.1	21.9
Colorado .....	399,853	407,525	5.8	-3.9	10.2	0.8	-4.6	1.7	8.3
Hawaii .....	120,385	123,496	-4.1	-13.2	10.6	-4.9	-8.7	1.8	8.6
Idaho .....	155,505	156,602	27.6	15.1	10.9	1.9	13.0	5.5	5.1
Montana .....	109,526	109,791	-9.3	-12.6	3.8	-4.9	-8.2	2.9	0.9
Nevada .....	127,414	137,455	51.1	7.6	40.5	5.2	2.2	7.3	31.0
New Mexico .....	200,129	203,157	4.0	-4.7	9.1	-3.7	-1.0	4.7	4.2
Oregon .....	328,226	340,264	4.6	-2.6	7.3	-1.3	-1.3	-3.6	11.3
Utah .....	319,423	322,889	51.3	11.5	35.7	-1.1	12.8	21.6	11.6
Washington .....	563,100	585,818	1.3	-10.9	13.7	-7.7	-3.4	-2.5	16.6
Wyoming .....	70,415	70,130	15.9	10.2	5.1	-1.8	12.2	9.5	-4.0
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	8,911	9,309	33.8	—	—	15.2	—	—	—
Guam .....	18,659	19,291	18.8	24.3	-4.5	30.4	-4.7	—	—
Northern Marianas .....	4,699	4,626	—	—	41.6	—	—	8.1	31.0
Puerto Rico .....	491,836	486,247	-9.4	—	—	—	—	—	-5.1
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	17,102	15,769	—	—	-18.4	—	2.3	-1.0	-17.6

Chart 2a. — Percentage change in public elementary enrollment,  
by state: Fall 1969 to fall 1989

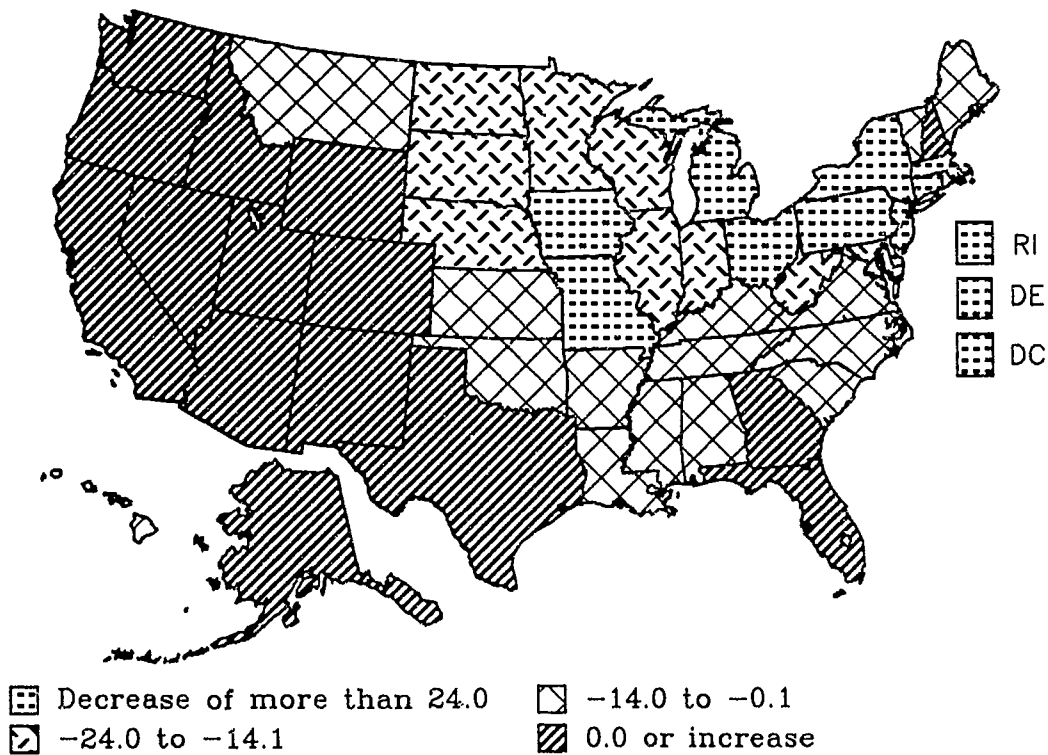
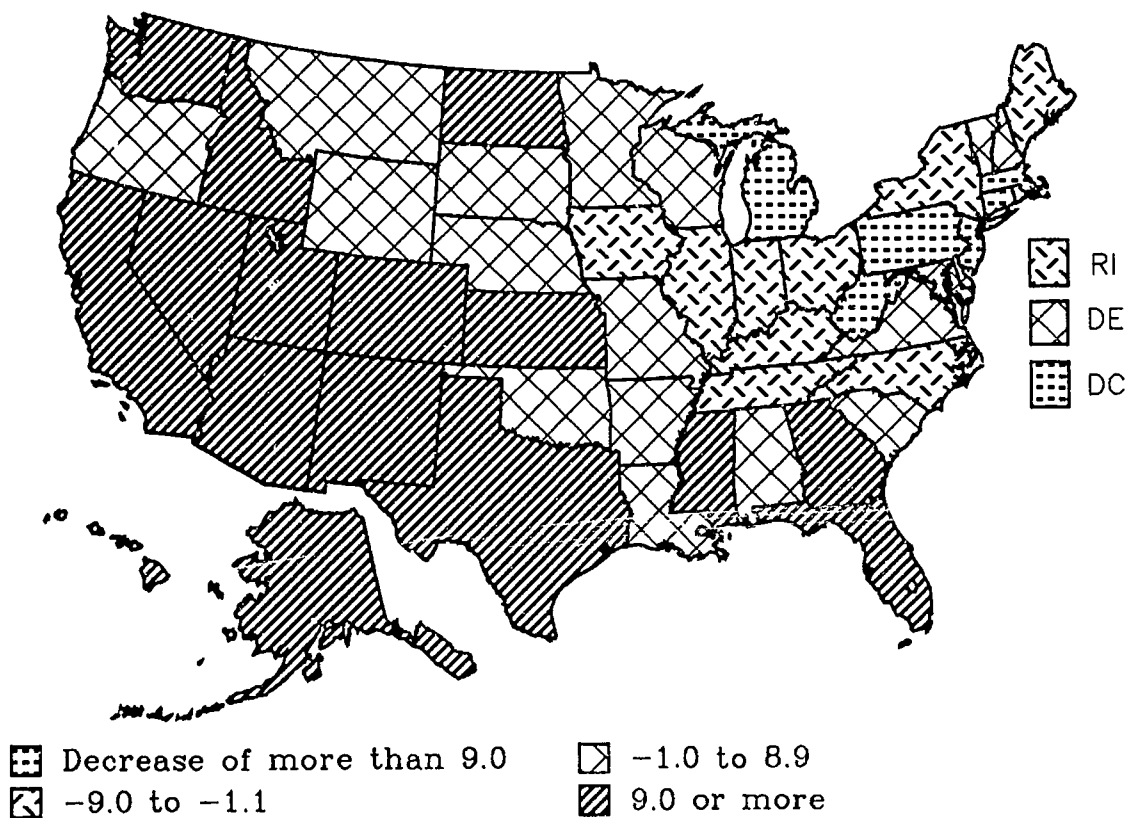


Chart 2b. — Percentage change in public elementary enrollment,  
by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.

**Table 3.—Secondary enrollment<sup>1</sup> in public schools, by region and state:  
Fall 1969 to fall 1989**

Region and state	Fall 1969	Fall 1970	Fall 1971	Fall 1972	Fall 1973	Fall 1974	Fall 1975	Fall 1976	Fall 1977
<b>United States</b> .....	<b>13,036,881</b>	<b>13,335,652</b>	<b>13,753,098</b>	<b>13,847,868</b>	<b>14,043,978</b>	<b>14,162,718</b>	<b>14,304,196</b>	<b>14,314,131</b>	<b>14,202,870</b>
<b>Northeast</b> .....	<b>2,796,343</b>	<b>2,883,248</b>	<b>2,993,589</b>	<b>3,050,336</b>	<b>3,114,203</b>	<b>3,124,095</b>	<b>3,159,469</b>	<b>3,146,972</b>	<b>3,081,823</b>
Connecticut .....	167,275	174,789	183,031	188,157	226,123	200,102	202,662	200,597	199,620
Maine .....	65,421	67,866	68,854	71,566	70,901	76,204	78,581	78,291	79,064
Massachusetts .....	319,181	334,542	353,110	361,044	358,602	373,600	385,000	382,300	360,889
New Hampshire .....	42,981	45,056	47,476	49,628	51,131	52,134	54,202	55,097	55,205
New Jersey .....	409,595	418,724	439,073	440,959	452,403	455,987	460,000	465,920	449,208
New York .....	1,000,109	1,031,454	1,069,914	1,088,537	1,100,235	1,113,452	1,127,168	1,125,579	1,113,039
Pennsylvania .....	714,011	728,877	748,849	765,076	769,806	767,542	765,414	752,316	738,676
Rhode Island .....	50,397	52,701	54,353	54,769	54,205	54,335	55,020	55,171	54,259
Vermont .....	27,373	29,239	28,929	30,500	30,795	30,739	31,422	31,701	31,863
<b>Midwest</b> .....	<b>3,710,106</b>	<b>3,773,084</b>	<b>3,894,307</b>	<b>3,970,331</b>	<b>4,005,857</b>	<b>4,016,303</b>	<b>4,048,885</b>	<b>4,036,898</b>	<b>3,964,538</b>
Illinois .....	656,247	668,727	680,428	704,056	711,430	724,096	731,313	732,077	722,110
Indiana .....	347,938	354,900	363,983	367,707	373,327	373,727	378,025	378,944	376,901
Iowa .....	195,544	195,561	199,280	199,580	199,910	200,068	203,651	205,654	203,308
Kansas .....	155,165	156,365	158,991	157,785	157,035	157,220	154,391	152,970	148,573
Michigan .....	571,762	575,702	639,981	652,172	651,111	655,404	654,383	649,417	632,511
Minnesota .....	285,248	289,509	286,499	291,492	298,639	302,947	307,117	308,094	303,209
Missouri .....	285,907	291,178	298,457	310,947	319,129	321,431	319,474	319,186	316,294
Nebraska .....	97,150	99,190	101,716	102,363	102,930	103,962	105,224	105,602	104,438
North Dakota .....	46,797	46,572	46,862	47,216	47,951	47,495	47,584	47,106	45,865
Ohio .....	708,810	727,345	741,231	756,718	760,975	745,410	757,200	745,369	726,333
South Dakota .....	50,720	52,329	52,117	52,037	51,343	51,033	51,373	50,784	49,643
Wisconsin .....	308,818	315,306	324,762	328,258	332,077	333,460	339,070	341,695	335,353
<b>South</b> .....	<b>4,100,469</b>	<b>4,172,796</b>	<b>4,290,463</b>	<b>4,289,094</b>	<b>4,339,837</b>	<b>4,368,773</b>	<b>4,466,429</b>	<b>4,470,067</b>	<b>4,542,753</b>
Alabama .....	237,300	235,658	237,919	236,838	235,925	236,023	238,941	239,367	236,923
Arkansas .....	134,018	133,570	135,291	136,907	133,449	137,103	139,245	141,427	142,377
Delaware .....	36,346	38,417	40,322	41,589	42,615	42,903	43,087	42,272	41,769
District of Columbia .....	32,500	32,510	32,638	33,596	34,211	33,577	35,864	35,923	34,294
Florida .....	396,489	412,085	445,999	461,763	472,493	479,320	490,091	494,994	499,256
Georgia .....	299,544	299,379	323,914	305,599	308,050	312,925	339,787	326,539	329,417
Kentucky .....	198,830	204,057	211,377	213,858	215,297	215,791	216,514	217,671	216,753
Louisiana .....	228,638	226,803	232,029	240,766	243,896	250,310	254,723	257,911	261,548
Maryland .....	242,195	252,220	260,123	267,254	270,869	272,648	274,415	273,545	274,414
Mississippi .....	156,889	145,748	146,417	148,402	150,319	152,262	156,173	157,036	155,393
North Carolina .....	349,005	356,448	355,811	349,119	358,984	359,266	367,459	365,935	365,186
Oklahoma .....	179,813	189,624	188,128	185,408	186,231	184,864	186,438	191,516	191,030
South Carolina .....	176,726	178,655	188,162	187,533	182,298	180,895	186,298	195,527	198,733
Tennessee .....	248,487	251,260	258,311	257,400	259,395	255,216	250,696	238,260	269,926
Texas .....	771,500	794,000	805,300	783,081	790,415	797,502	821,259	824,139	859,041
Virginia .....	292,967	303,257	309,207	317,299	332,290	337,964	344,364	348,228	347,834
West Virginia .....	119,222	119,105	119,515	122,682	123,100	121,104	121,075	119,777	118,859
<b>West</b> .....	<b>2,429,963</b>	<b>2,506,524</b>	<b>2,574,739</b>	<b>2,538,047</b>	<b>2,584,083</b>	<b>2,593,547</b>	<b>2,629,493</b>	<b>2,660,194</b>	<b>2,613,756</b>
Alaska <sup>2</sup> .....	18,007	18,815	22,706	21,764	21,943	25,238	24,721	26,131	27,052
Arizona .....	118,679	125,827	133,373	138,107	153,243	140,441	143,164	148,536	154,928
California .....	1,355,000	1,402,293	1,435,199	1,386,770	1,399,051	1,408,002	1,426,670	1,440,100	1,384,058
Colorado .....	153,141	159,467	168,858	174,293	177,936	180,101	185,157	186,402	186,702
Hawaii .....	49,728	51,495	53,365	54,111	54,476	54,636	55,809	56,523	57,012
Idaho .....	57,170	58,400	59,891	60,114	62,462	62,567	63,281	64,189	64,326
Montana .....	53,763	55,887	56,326	56,668	54,143	57,016	57,142	57,622	56,889
Nevada .....	32,723	34,442	36,144	38,130	40,005	41,384	43,982	45,882	47,996
New Mexico .....	80,931	82,777	84,633	86,281	92,655	94,309	91,468	92,634	93,032
Oregon .....	153,509	154,462	156,250	153,139	154,899	155,382	156,110	158,186	156,567
Utah .....	89,000	91,333	93,096	93,394	94,690	95,427	97,256	98,365	97,586
Washington .....	242,402	244,831	248,136	248,252	250,459	251,917	255,333	257,229	258,181
Wyoming .....	25,910	26,495	26,762	27,024	28,121	27,127	29,400	28,395	29,427
<b>Outlying Areas</b> .....	—	—	—	—	—	—	—	—	—
American Samoa .....	1,822	—	2,005	2,184	2,092	2,173	2,097	2,204	2,269
Guam .....	5,485	5,498	5,758	6,212	6,486	7,006	7,280	7,325	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	135,497	145,156	150,224	155,723	159,439	—	173,914	158,538	—
Trust Territories .....	—	4,014	—	—	—	—	—	—	—
Virgin Islands .....	—	—	3,495	5,459	5,211	4,445	4,815	5,496	5,198

—Data not available or applicable.

<sup>2</sup> Beginning in 1983, data includes students enrolled in public schools on federal bases and other special arrangements.

<sup>1</sup> Includes grades 9 through 12.

**Table 3.—Secondary enrollment in public schools, by region and state:  
Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
<b>14,087,545</b>	<b>13,616,367</b>	<b>13,230,945</b>	<b>12,763,873</b>	<b>12,405,892</b>	<b>12,271,346</b>	<b>12,303,735</b>	<b>12,387,717</b>	<b>12,333,109</b>	<b>12,076,726</b>
<b>3,042,952</b>	<b>2,952,737</b>	<b>2,856,384</b>	<b>2,743,038</b>	<b>2,635,101</b>	<b>2,571,749</b>	<b>2,541,745</b>	<b>2,499,556</b>	<b>2,450,707</b>	<b>2,348,890</b>
196,782	188,872	167,869	157,896	150,473	149,011	144,754	140,823	147,024	139,215
78,219	71,941	69,855	67,524	65,138	63,939	63,551	63,658	68,081	66,318
360,198	350,814	345,571	326,494	311,994	300,538	293,363	285,273	274,500	260,278
55,148	56,020	55,330	53,868	52,848	52,727	53,089	54,062	53,769	51,947
452,937	440,043	426,441	411,480	395,912	386,377	382,041	375,697	365,143	345,580
1,093,816	1,063,829	1,033,232	996,338	957,342	939,301	933,592	917,948	894,254	859,738
720,185	698,125	677,864	652,194	626,613	607,185	599,104	590,663	576,490	556,894
53,993	52,510	50,766	49,049	47,508	45,707	44,900	43,978	42,726	41,177
31,674	30,583	29,456	28,195	27,273	26,964	27,351	27,454	28,720	27,743
<b>3,855,206</b>	<b>3,706,742</b>	<b>3,551,798</b>	<b>3,396,590</b>	<b>3,277,977</b>	<b>3,206,394</b>	<b>3,189,941</b>	<b>3,190,504</b>	<b>3,158,296</b>	<b>3,076,610</b>
674,266	676,106	648,554	619,892	593,431	581,791	579,878	579,982	575,845	559,656
392,660	360,762	347,170	334,362	320,509	313,944	310,880	312,045	313,167	305,473
199,233	190,729	182,702	174,998	167,255	164,089	162,176	161,000	157,750	152,390
143,239	138,163	132,566	127,895	124,195	122,833	123,165	124,558	124,527	122,596
616,846	592,288	569,615	542,704	534,163	522,272	519,086	517,165	507,397	492,283
294,882	281,886	272,293	253,733	243,520	238,658	237,590	237,183	232,004	224,928
306,079	293,463	277,450	265,693	255,784	249,298	248,731	250,910	251,258	244,987
103,420	97,642	91,401	86,585	82,744	81,057	80,981	81,523	81,857	79,934
44,477	42,146	40,098	38,129	35,907	34,892	35,076	34,868	34,773	34,625
705,680	673,843	645,028	621,398	601,603	586,956	585,421	587,791	585,398	573,453
47,791	45,440	42,329	39,770	37,907	36,736	36,590	36,647	36,085	35,455
326,633	314,274	302,592	291,431	280,959	273,868	270,367	266,832	258,235	250,830
<b>4,504,103</b>	<b>4,426,048</b>	<b>4,313,678</b>	<b>4,213,040</b>	<b>4,112,474</b>	<b>4,095,976</b>	<b>4,123,293</b>	<b>4,192,446</b>	<b>4,215,355</b>	<b>4,173,515</b>
252,050	235,104	230,968	224,914	214,085	211,087	198,231	213,099	214,753	208,230
142,960	141,114	137,791	132,091	128,122	127,145	128,150	129,874	130,587	129,788
41,223	38,901	36,939	34,785	31,279	30,225	29,806	29,819	29,603	28,945
33,895	30,976	29,071	27,428	26,409	25,566	24,589	24,598	23,156	23,578
486,667	476,885	468,366	452,398	445,736	451,436	462,371	476,033	486,382	492,965
330,060	332,552	327,062	319,552	314,511	312,601	316,478	322,842	318,434	315,915
215,429	210,922	205,994	199,569	193,579	192,483	193,310	195,065	195,877	193,663
250,825	245,340	233,962	238,778	222,616	222,959	222,030	215,281	214,417	210,351
274,368	267,466	257,823	249,553	237,407	231,775	227,596	225,239	219,702	210,888
153,626	156,389	147,299	143,599	141,296	140,235	140,604	141,214	142,587	141,421
362,003	354,020	343,495	336,084	328,060	328,553	333,411	336,714	336,797	332,381
190,360	184,763	178,912	173,993	170,685	170,476	173,026	170,048	175,896	173,217
196,249	195,871	192,839	188,494	184,156	181,537	180,301	182,518	183,878	183,336
256,976	255,682	251,525	244,741	237,425	235,043	235,760	239,236	241,028	241,351
867,349	868,495	851,389	837,421	835,846	834,784	851,794	871,026	892,061	885,931
324,320	316,449	307,049	298,812	293,097	292,094	298,007	302,953	301,898	294,245
125,743	115,119	113,194	110,828	108,165	107,997	107,829	108,889	108,299	107,310
<b>2,685,284</b>	<b>2,530,840</b>	<b>2,509,085</b>	<b>2,411,205</b>	<b>2,379,540</b>	<b>2,397,227</b>	<b>2,448,756</b>	<b>2,505,209</b>	<b>2,508,751</b>	<b>2,477,711</b>
27,926	27,508	26,097	27,102	26,202	27,922	29,393	30,134	29,942	28,984
160,135	155,844	156,678	151,924	151,067	152,267	156,827	162,195	163,119	159,920
1,459,330	1,333,027	1,346,696	1,276,368	1,263,668	1,275,493	1,305,148	1,328,849	1,332,305	1,317,228
184,127	180,599	171,667	168,131	165,610	165,421	169,211	171,907	172,111	168,250
57,420	56,967	55,471	51,422	49,614	49,543	50,144	50,673	49,564	48,646
63,541	61,565	59,488	58,977	57,557	57,989	59,143	59,289	58,778	59,088
54,863	52,473	49,513	47,200	45,466	45,378	45,616	45,951	45,755	44,190
49,599	49,915	48,884	48,704	48,465	48,084	46,670	47,878	49,075	49,276
92,147	89,357	85,324	80,899	78,664	77,887	77,550	90,072	90,906	91,816
153,841	150,083	145,470	141,777	139,220	139,988	141,256	142,109	140,780	137,975
96,635	95,177	93,376	93,832	95,038	97,416	100,801	104,545	107,605	109,433
256,246	249,621	242,209	237,170	231,700	232,688	238,785	242,816	240,095	234,819
29,474	28,704	28,212	27,699	27,269	27,151	28,212	28,791	28,716	28,086
—	—	—	—	—	<b>205,311</b>	—	—	—	—
—	—	2,473	2,546	—	2,589	—	—	2,922	2,935
—	7,389	6,817	6,152	6,508	6,918	—	6,777	7,154	7,223
1,160	1,140	—	1,336	—	1,284	1,310	—	—	1,448
186,998	—	191,015	—	186,428	182,782	180,718	178,941	176,477	173,984
—	—	—	—	—	5,518	—	—	—	—
5,975	6,223	5,485	5,937	6,405	6,220	6,991	6,758	6,657	6,889

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.

**Table 3.—Secondary enrollment in public schools, by region and state:  
Fall 1969 to fall 1989—Continued**

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>11,689,554</b>	<b>11,377,489</b>	<b>-12.7</b>	<b>4.4</b>	<b>-16.4</b>	<b>8.2</b>	<b>-3.4</b>	<b>-9.6</b>	<b>-7.5</b>
<b>Northeast</b> .....	<b>2,222,762</b>	<b>2,129,517</b>	<b>-23.8</b>	<b>5.6</b>	<b>-27.9</b>	<b>11.7</b>	<b>-5.5</b>	<b>-13.9</b>	<b>-16.2</b>
Connecticut .....	128,940	123,182	-26.4	12.9	-34.8	19.6	-5.6	-23.4	-14.9
Maine .....	63,998	61,508	-6.0	10.0	-14.5	16.5	-5.6	-11.7	-3.2
Massachusetts .....	245,633	235,350	-26.3	9.9	-32.9	17.0	-6.1	-16.4	-19.8
New Hampshire .....	49,628	47,286	10.0	30.3	-15.6	21.3	7.5	-5.2	-10.9
New Jersey .....	325,798	310,195	-24.3	7.4	-29.5	11.3	-3.5	-13.2	-18.8
New York .....	815,793	781,711	-21.8	6.4	-26.5	11.3	-4.5	-12.2	-16.3
Pennsylvania .....	528,052	507,292	-29.0	-2.2	-27.3	7.5	-9.0	-14.2	-15.3
Rhode Island .....	38,300	37,317	-26.0	4.2	-28.9	7.8	-3.4	-14.5	-16.9
Vermont .....	26,620	25,676	-6.2	11.7	-16.0	12.3	-0.5	-10.6	-6.1
<b>Midwest</b> .....	<b>2,951,751</b>	<b>2,851,320</b>	<b>-23.1</b>	<b>-0.1</b>	<b>-23.1</b>	<b>8.3</b>	<b>-7.7</b>	<b>-13.9</b>	<b>-10.6</b>
Illinois .....	535,792	517,334	-21.2	3.0	-23.5	10.3	-6.6	-14.2	-10.8
Indiana .....	293,347	283,129	-18.6	3.7	-21.5	7.4	-3.5	-13.8	-8.9
Iowa .....	144,212	140,064	-28.4	-2.5	-26.6	2.3	-4.7	-15.0	-13.6
Kansas .....	119,845	117,276	-24.4	-11.0	15.1	1.3	-12.1	-10.9	-4.8
Michigan .....	469,190	448,864	-21.5	3.6	-24.2	14.6	-9.6	-12.4	-13.5
Minnesota .....	215,671	211,046	-26.0	-1.2	-25.1	6.2	-7.0	-15.7	-11.2
Missouri .....	238,779	231,691	-19.0	2.6	-21.0	12.4	-8.7	-15.2	-6.9
Nebraska .....	78,132	76,693	-21.1	0.5	-21.5	7.0	-6.1	-17.1	-5.3
North Dakota .....	33,627	32,896	-29.7	-9.9	-21.9	1.5	-11.3	-16.8	-6.2
Ohio .....	549,160	524,832	-26.0	-4.9	-22.1	5.2	-9.6	-13.1	-10.3
South Dakota .....	34,354	33,733	-33.5	-10.4	-25.8	0.6	-11.0	-19.5	-7.8
Wisconsin .....	239,642	233,762	-24.3	1.8	-25.6	8.0	-5.8	-14.0	-13.5
<b>South</b> .....	<b>4,077,961</b>	<b>3,969,909</b>	<b>-3.2</b>	<b>7.9</b>	<b>-10.3</b>	<b>6.5</b>	<b>1.3</b>	<b>-6.8</b>	<b>-3.7</b>
Alabama .....	203,101	197,613	-16.7	-0.9	-15.9	-0.5	-0.4	-15.7	-0.3
Arkansas .....	127,119	123,900	-7.5	5.3	-12.2	2.3	2.9	-9.2	-3.3
Delaware .....	27,792	27,109	-25.4	7.0	-30.3	18.0	-9.3	-23.4	-9.0
District of Columbia .....	22,458	20,639	-36.5	-4.7	-33.4	3.3	-7.7	-20.6	-16.1
Florida .....	488,923	468,910	18.3	20.3	-1.7	20.9	-0.5	-3.0	1.4
Georgia .....	300,130	298,109	-0.5	11.0	-10.4	4.5	6.3	-4.8	-5.8
Kentucky .....	185,822	178,830	-10.1	6.1	-15.2	8.5	-2.3	-8.4	-7.5
Louisiana .....	205,588	201,323	-11.9	7.3	-17.9	9.5	-2.0	-9.5	-9.3
Maryland .....	199,832	191,799	-20.8	10.4	-28.3	12.6	-1.9	-14.9	-15.7
Mississippi .....	135,733	132,507	-15.5	-0.3	-15.3	-2.9	2.7	-10.1	-5.8
North Carolina .....	322,087	310,919	-10.9	1.4	-12.2	2.9	-1.5	-5.8	-6.7
Oklahoma .....	166,770	157,640	-12.3	2.8	-14.7	2.8	-0.1	-6.4	-8.9
South Carolina .....	177,948	172,465	-2.4	10.8	-11.9	2.4	8.3	-7.9	-4.3
Tennessee .....	235,608	229,539	-7.6	2.9	-10.2	2.7	0.2	-7.8	-2.6
Texas .....	891,628	885,269	14.7	12.6	1.9	3.4	8.9	-1.9	3.9
Virginia .....	283,329	273,049	-6.8	8.0	-13.7	15.1	-6.1	-5.8	-8.4
West Virginia .....	104,093	100,289	-15.9	-3.4	-12.9	1.6	-4.9	-6.3	-7.0
<b>West</b> .....	<b>2,437,080</b>	<b>2,426,743</b>	<b>-0.1</b>	<b>4.2</b>	<b>-4.1</b>	<b>6.7</b>	<b>-2.4</b>	<b>-3.2</b>	<b>-0.9</b>
Alaska .....	27,963	27,582	53.2	52.8	0.3	40.2	9.0	6.9	-6.2
Arizona .....	157,311	156,304	31.7	31.3	0.3	18.3	11.0	0.6	-0.3
California .....	1,300,926	1,301,404	-4.0	-1.6	-2.4	3.9	-5.3	-2.1	-0.3
Colorado .....	160,228	155,230	1.4	17.9	-14.0	17.6	0.3	-6.3	-8.3
Hawaii .....	47,103	45,997	-7.5	14.6	-19.3	9.9	4.3	-12.0	-8.3
Idaho .....	59,110	58,330	2.0	7.7	-5.3	9.4	-1.6	-3.9	-1.4
Montana .....	42,665	41,474	-22.9	-2.4	-21.0	6.1	-8.0	-13.1	-9.1
Nevada .....	49,060	49,379	50.9	52.5	-1.1	26.5	20.6	-6.5	5.8
New Mexico .....	92,296	92,900	14.8	10.4	4.0	16.5	-5.3	-13.2	19.8
Oregon .....	133,526	132,130	-13.9	-2.2	-12.0	1.2	-3.4	-5.9	-6.5
Utah .....	111,696	114,557	28.7	6.9	20.4	7.2	-0.3	5.9	13.6
Washington .....	227,818	224,414	-7.4	3.0	-10.1	3.9	-0.9	-4.3	-6.0
Wyoming .....	27,378	27,042	4.4	10.8	-5.8	4.7	5.8	-1.7	-4.1
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	2,853	2,949	61.9	—	—	19.3	—	—	—
Guam .....	7,382	7,202	31.3	34.7	-2.5	27.7	5.5	—	—
Northern Marianas .....	1,380	1,475	—	—	29.4	—	—	14.9	12.6
Puerto Rico .....	159,857	164,978	21.8	—	—	—	—	—	-8.7
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	6,390	5,424	—	—	-12.8	—	40.0	12.3	-22.4

Chart 3a. — Percentage change in public secondary enrollment,  
by state: Fall 1969 to fall 1989

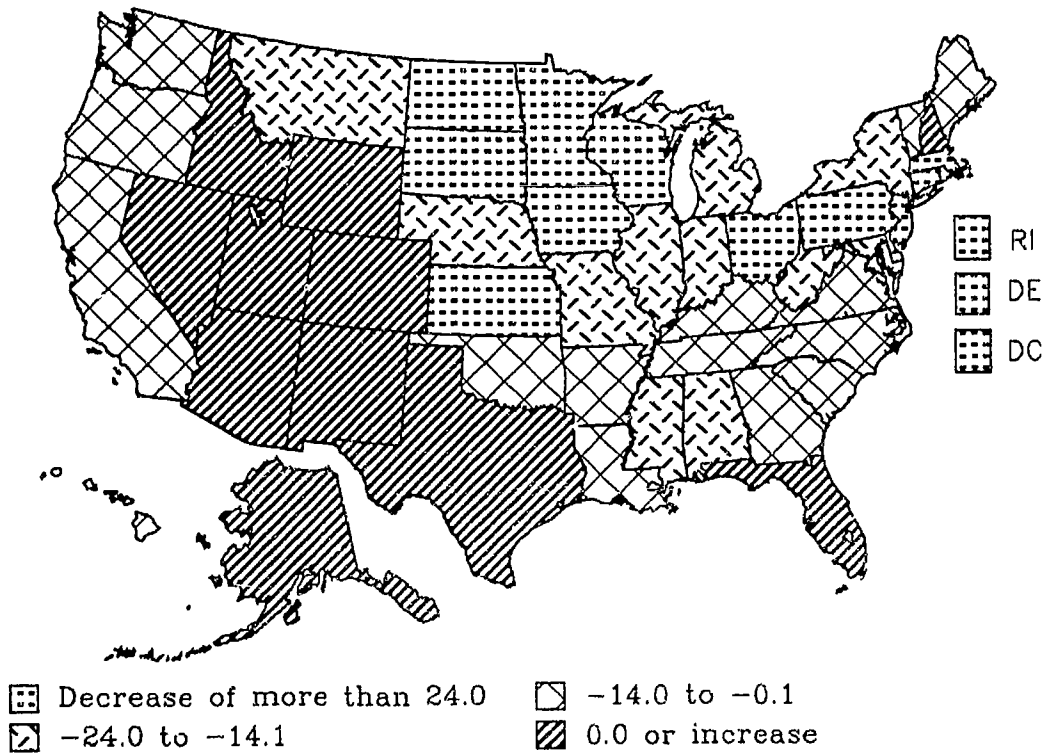
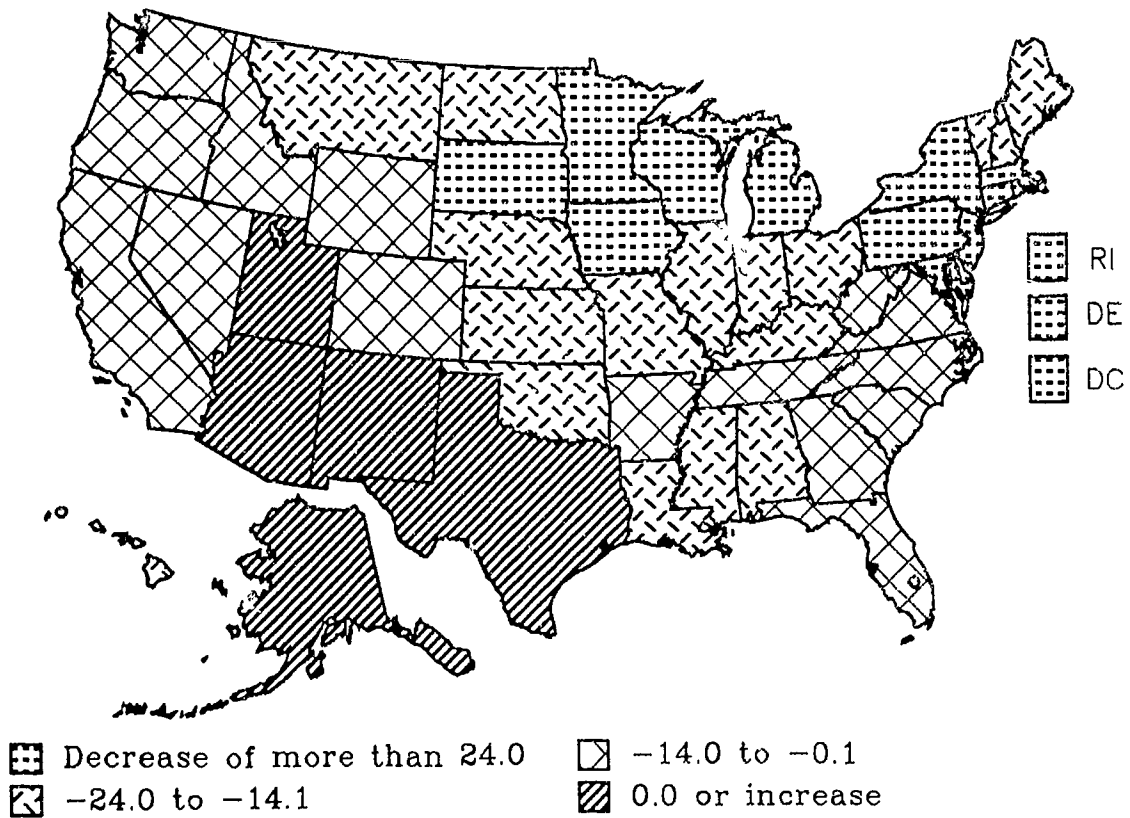


Chart 3b. — Percentage change in public secondary enrollment,  
by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.

**Table 4.—Average daily attendance in public elementary and secondary schools, by region and state: 1969-70 to 1988-89**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b>	<b>41,954,376</b>	<b>42,427,909</b>	<b>42,204,272</b>	<b>42,179,200</b>	<b>41,438,054</b>	<b>41,523,866</b>	<b>41,269,720</b>	<b>40,831,630</b>	<b>40,079,590</b>
<b>Northeast</b>	<b>8,891,955</b>	<b>9,061,640</b>	<b>8,982,106</b>	<b>9,019,900</b>	<b>8,763,263</b>	<b>8,760,621</b>	<b>8,698,862</b>	<b>8,384,906</b>	<b>8,105,850</b>
Connecticut	618,881	625,439	621,461	620,100	615,443	608,638	596,175	584,805	555,449
Maine	225,146	228,270	230,976	230,900	228,360	228,172	227,841	226,411	222,550
Massachusetts	1,056,207	1,186,783	1,076,273	1,136,400	1,066,005	1,153,485	1,070,996	1,046,854	1,001,857
New Hampshire	140,203	145,614	153,788	157,900	156,518	158,056	159,836	160,499	158,980
New Jersey	1,322,124	1,341,155	1,337,129	1,350,800	1,328,399	1,328,551	1,310,042	1,279,498	1,236,759
New York	3,099,192	3,073,573	3,106,191	3,090,700	2,978,886	2,939,023	3,012,893	2,833,758	2,743,544
Pennsylvania	2,169,225	2,192,316	2,179,947	2,163,900	2,125,465	2,090,865	2,064,312	1,999,727	1,940,316
Rhode Island	163,205	163,914	173,017	166,400	164,812	156,216	158,752	156,503	150,161
Vermont	97,772	104,576	103,324	102,800	99,375	97,575	98,015	96,851	96,234
<b>Midwest</b>	<b>11,794,459</b>	<b>11,855,315</b>	<b>11,815,062</b>	<b>11,773,200</b>	<b>11,441,729</b>	<b>11,348,781</b>	<b>11,223,775</b>	<b>11,010,414</b>	<b>10,681,803</b>
Illinois	2,084,844	2,121,330	2,106,306	2,107,600	2,027,959	2,057,396	1,990,158	1,992,575	1,935,346
Indiana	1,111,043	1,130,514	1,112,047	1,113,500	1,078,959	1,076,162	1,049,889	1,055,230	1,033,180
Iowa	624,403	625,756	619,602	610,500	589,892	585,153	574,773	568,342	551,136
Kansas	470,296	466,026	457,153	450,400	428,388	424,985	419,022	414,580	405,469
Michigan	1,991,235	2,003,894	2,008,147	2,017,800	1,985,245	1,922,914	1,971,774	1,864,145	1,811,457
Minnesota	864,595	843,929	836,106	839,200	815,996	810,460	827,239	809,613	784,314
Missouri	906,132	915,385	919,749	912,500	891,564	881,147	864,958	849,443	823,733
Nebraska	314,516	316,960	314,858	310,700	303,198	301,170	296,915	293,808	286,095
North Dakota	141,961	141,411	138,799	136,700	133,231	128,644	126,277	124,465	121,736
Ohio	2,246,282	2,238,641	2,245,779	2,217,300	2,162,033	2,134,485	2,103,243	2,058,284	1,985,160
South Dakota	158,543	157,291	156,675	153,500	149,097	146,739	141,120	140,573	134,004
Wisconsin	880,609	894,178	899,861	903,500	876,167	879,526	858,407	839,356	810,773
<b>South</b>	<b>13,419,825</b>	<b>13,468,583</b>	<b>13,495,466</b>	<b>13,395,600</b>	<b>13,416,356</b>	<b>13,413,048</b>	<b>13,509,788</b>	<b>13,445,225</b>	<b>13,371,101</b>
Alabama	777,123	754,014	745,818	736,000	723,399	720,643	716,371	707,332	702,880
Arkansas	414,158	415,267	412,405	410,900	418,020	423,648	428,720	427,385	433,282
Delaware	120,819	122,324	124,061	123,300	121,106	120,354	116,553	111,269	107,049
District of Columbia	138,600	132,419	130,040	117,200	125,953	122,685	119,255	105,203	99,863
Florida	1,312,693	1,333,414	1,353,547	1,370,600	1,401,774	1,432,716	1,435,570	1,446,745	1,444,646
Georgia	1,019,427	1,006,879	1,000,444	990,100	987,767	989,686	998,898	1,000,732	997,603
Kentucky	647,970	662,116	666,989	660,600	652,364	645,420	622,484	636,910	637,644
Louisiana	776,555	774,312	771,940	774,390	761,593	761,532	768,097	782,535	751,221
Maryland	785,989	799,780	837,000	807,400	803,569	777,780	793,848	755,579	736,403
Mississippi	524,623	497,846	494,060	491,400	483,585	481,314	479,076	476,225	470,006
North Carolina	1,104,295	1,101,860	1,082,650	1,070,400	1,108,630	1,084,862	1,120,207	1,101,891	1,095,128
Oklahoma	560,993	565,028	577,804	567,600	559,132	557,684	558,528	558,354	554,274
South Carolina	600,292	586,998	582,104	577,200	568,491	566,719	591,900	563,433	579,442
Tennessee	836,010	849,882	846,190	832,300	817,902	823,394	826,335	821,698	819,028
Texas	2,432,420	2,489,263	2,499,248	2,497,600	2,512,739	2,529,015	2,549,517	2,566,545	2,587,556
Virginia	995,580	1,006,230	994,317	985,900	995,524	1,008,811	1,018,034	1,014,801	994,248
West Virginia	372,278	370,951	376,849	382,800	374,226	366,785	366,395	368,588	360,828
<b>West</b>	<b>7,828,137</b>	<b>8,042,371</b>	<b>7,911,618</b>	<b>7,990,500</b>	<b>7,816,706</b>	<b>8,001,416</b>	<b>7,837,295</b>	<b>7,991,085</b>	<b>7,920,836</b>
Alaska	72,489	76,630	77,924	78,100	77,866	79,388	81,564	83,198	82,377
Arizona	391,526	403,326	428,043	441,800	451,078	470,494	455,692	468,384	470,279
California <sup>1</sup>	4,418,423	4,609,740	4,453,800	4,538,800	4,364,168	4,531,540	4,366,617	4,501,948	4,425,876
Colorado	500,388	512,449	525,128	533,900	532,248	529,539	527,434	526,905	523,536
Hawaii	168,140	167,329	168,912	166,500	161,458	163,246	162,903	159,936	157,312
Idaho	170,920	173,444	175,746	174,400	173,795	173,416	182,215	186,886	187,769
Montana	162,664	164,185	161,494	158,900	160,870	159,399	156,473	155,453	152,187
Nevada	113,421	117,534	120,450	121,300	123,261	124,373	128,106	129,947	131,471
New Mexico	259,997	258,394	260,166	257,200	254,986	254,358	256,764	260,226	259,354
Oregon	436,736	438,776	435,328	430,900	429,480	428,108	425,126	426,586	425,042
Utah	287,405	276,860	277,578	278,700	276,787	278,838	284,171	284,172	305,976
Washington	764,735	762,006	746,269	730,100	730,605	728,047	723,083	723,418	713,713
Wyoming	81,293	81,698	80,840	79,900	80,104	80,670	82,147	84,026	85,944
<b>Outlying Areas</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa	—	—	7,517	7,700	—	8,164	7,461	8,921	—
Guam	20,315	22,926	24,201	24,900	24,081	26,426	26,318	25,677	24,956
Northern Marianas	—	—	—	—	—	—	—	—	4,107
Puerto Rico	—	637,068	650,992	660,000	—	617,724	669,400	646,150	676,777
Trust Territories	—	—	—	—	—	—	—	30,122	—
Virgin Islands	—	—	17,680	19,400	20,572	22,128	21,793	23,778	24,136

—Data not available or applicable.

<sup>1</sup> Data for California are not strictly comparable with those for other states because California's attendance figures include excused absences.

**Table 4.—Average daily attendance in public elementary and secondary schools, by region and state:  
1969-70 to 1988-89—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>39,875,837</b>	<b>38,288,911</b>	<b>37,703,744</b>	<b>37,094,682</b>	<b>36,635,868</b>	<b>36,362,978</b>	<b>36,404,261</b>	<b>36,523,103</b>	<b>36,863,867</b>	<b>37,680,707</b>
<b>7,871,735</b>	<b>7,522,179</b>	<b>7,386,719</b>	<b>7,102,612</b>	<b>6,924,558</b>	<b>6,774,660</b>	<b>6,702,044</b>	<b>6,619,337</b>	<b>6,573,012</b>	<b>6,547,371</b>
541,079	507,362	501,085	484,161	470,572	452,061	446,981	452,058	444,285	441,150
216,965	211,400	207,554	201,427	197,239	196,358	198,125	196,358	197,539	197,225
970,302	935,960	950,675	852,031	826,758	806,193	779,869	745,991	727,680	749,030
157,668	154,187	150,316	148,251	146,309	144,733	144,655	147,561	149,963	152,000
1,200,781	1,140,111	1,121,272	1,110,685	1,083,217	1,037,865	1,043,047	1,029,797	1,024,613	1,008,749
2,665,405	2,530,289	2,475,055	2,396,594	2,344,091	2,321,800	2,309,169	2,276,842	2,266,283	2,247,588
1,877,427	1,808,630	1,754,782	1,691,235	1,641,763	1,601,944	1,571,831	1,560,746	1,554,642	1,539,310
144,895	139,195	135,096	129,780	127,206	123,501	122,653	122,109	122,024	124,559
97,213	95,045	90,884	88,448	87,403	86,404	85,734	85,875	85,985	87,760
<b>10,329,757</b>	<b>10,064,562</b>	<b>9,806,784</b>	<b>9,528,352</b>	<b>9,322,172</b>	<b>9,114,373</b>	<b>9,036,279</b>	<b>8,998,667</b>	<b>8,982,212</b>	<b>8,970,471</b>
1,829,714	1,770,435	1,765,357	1,678,944	1,647,984	1,616,711	1,600,380	1,604,265	1,574,128	1,584,745
1,010,338	983,444	944,424	925,411	902,672	893,464	883,592	870,463	873,733	877,942
532,867	510,081	501,403	487,405	476,406	467,965	461,392	454,341	453,150	450,858
392,500	382,019	374,451	371,061	370,064	368,354	369,524	371,655	378,073	384,660
1,759,868	1,758,427	1,711,139	1,662,798	1,618,645	1,514,671	1,490,452	1,481,068	1,476,471	1,473,542
771,312	748,606	710,836	700,897	672,804	663,780	669,930	669,385	674,245	679,729
797,512	777,269	756,536	732,526	717,994	715,182	712,197	714,230	724,710	725,661
278,806	270,524	263,797	258,654	254,452	252,484	250,647	250,975	252,457	252,399
117,626	118,986	111,759	112,836	111,782	111,630	109,427	108,947	109,074	109,512
1,914,227	1,849,283	1,801,914	1,748,908	1,718,878	1,693,851	1,675,530	1,660,718	1,664,709	1,612,592
130,204	124,934	121,663	119,023	117,495	117,192	117,137	118,269	118,902	119,868
794,783	770,554	743,505	729,889	713,196	699,089	696,071	694,351	682,560	698,963
<b>13,293,946</b>	<b>13,176,485</b>	<b>13,028,112</b>	<b>12,985,808</b>	<b>12,874,138</b>	<b>12,904,069</b>	<b>13,018,750</b>	<b>13,101,473</b>	<b>13,276,651</b>	<b>13,343,901</b>
716,744	711,432	701,925	690,084	682,814	679,742	684,211	686,716	690,256	689,340
427,961	423,610	417,080	410,426	406,588	404,282	405,077	408,601	409,388	405,196
99,730	94,058	89,609	86,052	85,144	84,118	84,407	84,936	86,655	87,821
106,292	91,576	85,773	82,521	79,827	77,859	76,023	76,241	76,822	79,801
1,407,914	1,464,461	1,389,487	1,454,118	1,368,520	1,388,717	1,416,104	1,442,921	1,489,146	1,536,866
990,860	989,433	988,612	979,047	978,853	978,530	989,713	1,004,599	1,023,127	1,033,459
632,615	619,868	614,676	607,376	587,615	585,861	579,441	577,190	579,226	578,550
743,364	727,601	715,844	716,995	709,170	724,153	732,864	732,230	736,474	729,492
715,155	686,336	664,866	637,792	615,097	602,077	596,478	592,383	595,618	601,415
461,434	454,401	446,515	441,880	439,405	437,790	435,587	448,117	473,424	479,402
1,081,803	1,072,150	1,055,651	1,039,849	1,032,030	1,022,138	1,018,795	1,014,795	1,020,702	1,016,747
549,516	548,065	542,800	546,689	556,115	553,236	552,835	553,370	550,949	547,149
574,238	569,612	580,132	575,248	574,293	602,183	559,340	558,716	564,508	567,091
865,509	806,696	797,237	785,336	778,321	774,346	769,862	762,225	766,521	766,651
2,592,022	2,608,817	2,647,288	2,664,282	2,724,989	2,745,339	2,779,823	2,823,741	2,977,783	2,991,242
975,899	955,105	938,794	919,481	908,989	900,378	901,994	904,347	911,261	914,354
352,890	353,264	351,823	348,632	346,368	343,320	336,196	330,145	324,791	319,330
<b>7,580,399</b>	<b>7,525,685</b>	<b>7,482,129</b>	<b>7,477,880</b>	<b>7,515,000</b>	<b>7,569,876</b>	<b>7,647,168</b>	<b>7,803,626</b>	<b>8,031,992</b>	<b>8,188,964</b>
81,620	79,945	83,745	87,253	85,435	80,264	96,257	98,535	96,004	94,917
475,265	481,905	476,149	468,081	478,664	482,185	477,520	494,504	518,277	534,812
4,110,778	4,044,736	4,014,917	4,016,214	4,042,996	4,098,300	4,139,461	4,245,090	4,429,792	4,531,459
510,372	513,475	508,750	514,808	506,425	503,162	505,321	507,876	513,587	514,838
154,263	151,563	151,713	148,636	149,696	150,137	150,572	151,174	152,287	155,220
189,634	189,199	190,144	190,872	192,707	194,333	197,902	198,141	198,449	199,563
149,306	144,608	141,641	139,434	138,801	139,387	139,905	138,829	139,199	139,018
133,754	134,995	138,481	139,543	139,600	139,115	140,402	143,941	149,136	153,252
256,909	253,453	240,496	239,710	245,919	246,451	248,758	252,892	248,340	248,231
422,372	418,593	417,009	410,107	404,458	401,398	401,154	401,476	402,855	406,054
294,721	312,813	323,048	334,577	348,717	356,072	366,574	379,249	386,306	397,214
713,967	710,929	704,655	695,771	687,094	685,068	688,759	696,372	708,584	721,952
87,438	89,471	91,381	92,874	94,488	93,804	94,583	95,547	94,176	92,434
—	—	—	—	—	—	—	—	—	—
23,614	—	22,343	—	—	—	—	10,580	10,559	10,579
—	—	—	—	—	—	—	23,632	23,220	23,409
—	—	—	—	—	—	—	5,548	4,921	5,851
673,015	656,709	671,661	—	—	—	—	649,651	636,268	629,922
—	—	—	—	—	—	—	—	—	—
23,289	—	23,312	—	—	—	—	23,811	22,814	22,103

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, various years; *Statistics of State School Systems*, various years; and Common Core of Data surveys.



Table 4.—Average daily attendance in public elementary and secondary schools, by region and state:  
1969-70 to 1988-89—Continued

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1988-89	1969-70 to 1979-80	1979-80 to 1988-89	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1988-89
<b>United States</b> .....	37,281,753	—	-11.1	-8.7	-2.6	-1.0	-7.8	-4.9	2.4
<b>Northeast</b> .....	6,486,209	—	-27.1	-15.4	-13.8	-1.5	-14.1	-10.9	-3.2
Connecticut .....	435,227	—	-29.7	-18.0	-14.2	-1.7	-16.6	-11.9	-2.6
Maine .....	194,350	—	-13.7	-6.1	-8.1	1.3	-7.4	-6.3	-1.9
Massachusetts .....	756,285	—	-28.4	-11.4	-19.2	9.2	-18.9	-16.7	-3.0
New Hampshire .....	152,536	—	8.8	10.0	-1.1	12.8	-2.5	-6.2	5.4
New Jersey .....	968,176	—	-26.8	-13.8	-15.1	0.5	-14.2	-8.5	-7.2
New York .....	2,234,976	—	-27.9	-18.4	-11.7	-5.2	-13.9	-8.7	-3.2
Pennsylvania .....	1,532,806	—	-29.3	-16.6	-15.3	-3.6	-13.5	-13.1	-2.5
Rhode Island .....	123,321	—	-24.4	-14.7	-11.4	-4.3	-10.9	-11.9	0.5
Vermont .....	88,532	—	-9.5	-2.8	-6.9	-0.2	-2.6	-9.8	3.3
<b>Midwest</b> .....	8,938,504	—	-24.2	-14.7	-11.2	-3.8	-11.3	-10.2	-1.1
Illinois .....	1,560,461	—	-25.2	-15.1	-11.9	-1.3	-13.9	-9.6	-2.5
Indiana .....	882,175	—	-20.6	-11.5	-10.3	-3.1	-8.6	-10.2	-0.2
Iowa .....	449,418	—	-28.0	-18.3	-11.9	-6.3	-12.8	-9.5	-2.6
Kansas .....	385,364	—	-18.1	-18.8	0.9	-9.6	-10.1	-3.3	4.3
Michigan .....	1,464,766	—	-26.4	-11.7	-16.7	-3.4	-8.6	-15.2	-1.7
Minnesota .....	690,266	—	-20.2	-13.4	-7.8	-6.3	-7.6	-10.5	3.0
Missouri .....	726,451	—	-19.8	-14.2	-6.5	-2.8	-11.8	-8.4	2.0
Nebraska .....	253,426	—	-19.4	-14.0	-6.3	-4.2	-10.2	-7.3	1.1
North Dakota .....	109,271	—	-23.0	-16.2	-8.2	-9.4	-7.5	-8.0	-0.1
Ohio .....	1,597,117	—	-28.9	-17.7	-13.6	-5.0	-13.4	-9.4	-4.7
South Dakota .....	119,400	—	-24.7	-21.2	-4.4	-7.4	-14.9	-6.2	1.9
Wisconsin .....	700,389	—	-20.5	-12.5	-9.1	-0.1	-12.4	-9.7	0.6
<b>South</b> .....	13,418,551	—	0.0	-1.8	1.8	-0.1	-1.8	-1.2	3.1
Alabama .....	684,453	—	-11.9	-8.5	-3.8	-7.3	-1.3	-3.8	0.0
Arkansas .....	403,106	—	-2.7	2.3	-4.8	2.3	0.0	-4.4	-0.5
Delaware .....	88,397	—	-26.8	-22.1	-6.0	-0.4	-21.8	-10.3	4.7
District of Columbia .....	74,396	—	-46.3	-33.9	-18.8	-11.5	-25.4	-17.0	-2.1
Florida .....	1,587,882	—	21.0	11.6	8.4	9.1	2.2	-3.3	12.1
Georgia .....	1,039,977	—	2.0	-2.9	5.1	-2.9	0.0	0.0	5.1
Kentucky .....	573,221	—	-11.5	-4.3	-7.5	-0.4	-4.0	-6.5	-1.1
Louisiana .....	744,142	—	-4.2	-6.3	2.3	-1.9	-4.5	0.7	1.5
Maryland .....	608,699	—	-22.6	-12.7	-11.3	-1.0	-22.8	-13.1	2.0
Mississippi .....	477,439	—	-9.0	-13.4	5.1	-8.3	-5.6	-4.1	9.6
North Carolina .....	1,004,837	—	-9.0	-2.9	-6.3	-1.8	-1.2	-5.0	-1.4
Oklahoma .....	542,693	—	-3.3	-2.3	-1.0	-0.6	-1.7	0.9	-1.8
South Carolina .....	567,133	—	-5.5	-5.1	-0.4	-5.6	0.5	-1.8	1.4
Tennessee .....	764,354	—	-8.6	-3.5	-5.2	-1.5	-2.0	-4.6	-0.7
Texas .....	3,033,684	—	24.7	7.3	16.3	4.0	3.7	10.4	5.3
Virginia .....	914,445	—	-8.1	-4.1	-4.3	1.3	-5.3	-5.6	1.4
West Virginia .....	309,691	—	-16.8	-5.1	-12.3	-1.5	-3.7	-4.8	-7.9
<b>West</b> .....	8,438,489	—	7.8	-3.9	12.1	2.2	-5.9	1.6	10.3
Alaska .....	95,776	—	32.1	10.3	19.8	9.5	0.7	20.4	-0.5
Arizona .....	549,219	—	40.3	23.1	14.0	20.2	2.4	-0.9	15.0
California .....	4,699,865	—	6.4	-8.5	16.2	2.6	-10.7	2.3	13.5
Colorado .....	514,232	—	2.8	2.6	0.1	5.8	-3.0	-1.6	1.8
Hawaii .....	156,114	—	-7.2	-9.9	3.0	-2.9	-7.2	-0.7	3.7
Idaho .....	201,219	—	17.7	10.7	6.4	1.5	9.1	4.6	1.7
Montana .....	138,016	—	-15.2	-11.1	-4.6	-2.0	-9.3	-3.3	-1.4
Nevada .....	162,256	—	43.1	19.0	20.2	9.7	8.5	4.0	15.6
New Mexico .....	280,921	—	8.0	-2.5	10.8	-2.2	-0.4	-1.9	12.9
Oregon .....	409,717	—	-6.2	-4.2	-2.1	-2.0	-2.2	-4.2	2.1
Utah .....	403,294	—	40.3	8.8	28.9	-3.0	12.2	17.2	10.0
Washington .....	736,345	—	-3.7	-7.0	3.6	-4.8	-2.4	-3.1	6.9
Wyoming .....	91,515	—	12.6	10.1	2.3	-0.8	10.9	5.7	-3.2
<b>Outlying Areas</b> .....	—	—	—	—	—	—	—	—	—
American Samoa .....	11,222	—	—	—	—	—	—	—	6.1
Guam .....	23,203	—	14.2	—	—	30.1	—	—	-1.8
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	608,945	—	—	—	-7.3	—	6.3	-1.1	-6.3
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	21,159	—	—	—	—	—	—	—	—

Chart 4a. — Percentage change in public elementary and secondary average daily attendance, by state: 1969-70 to 1988-89

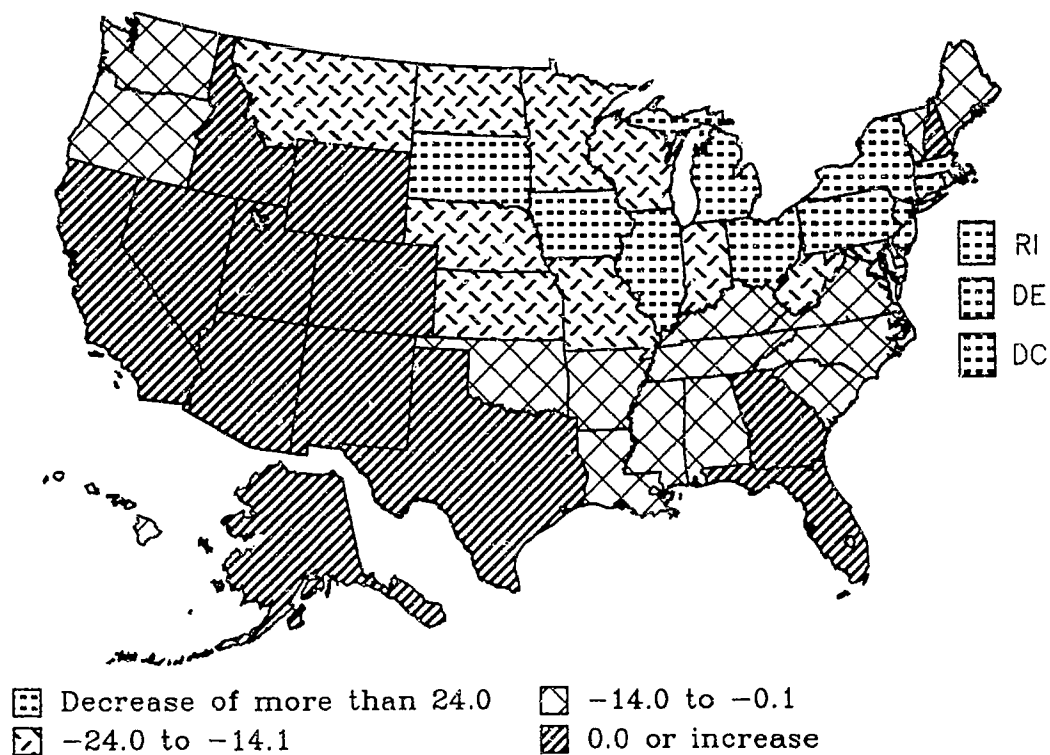
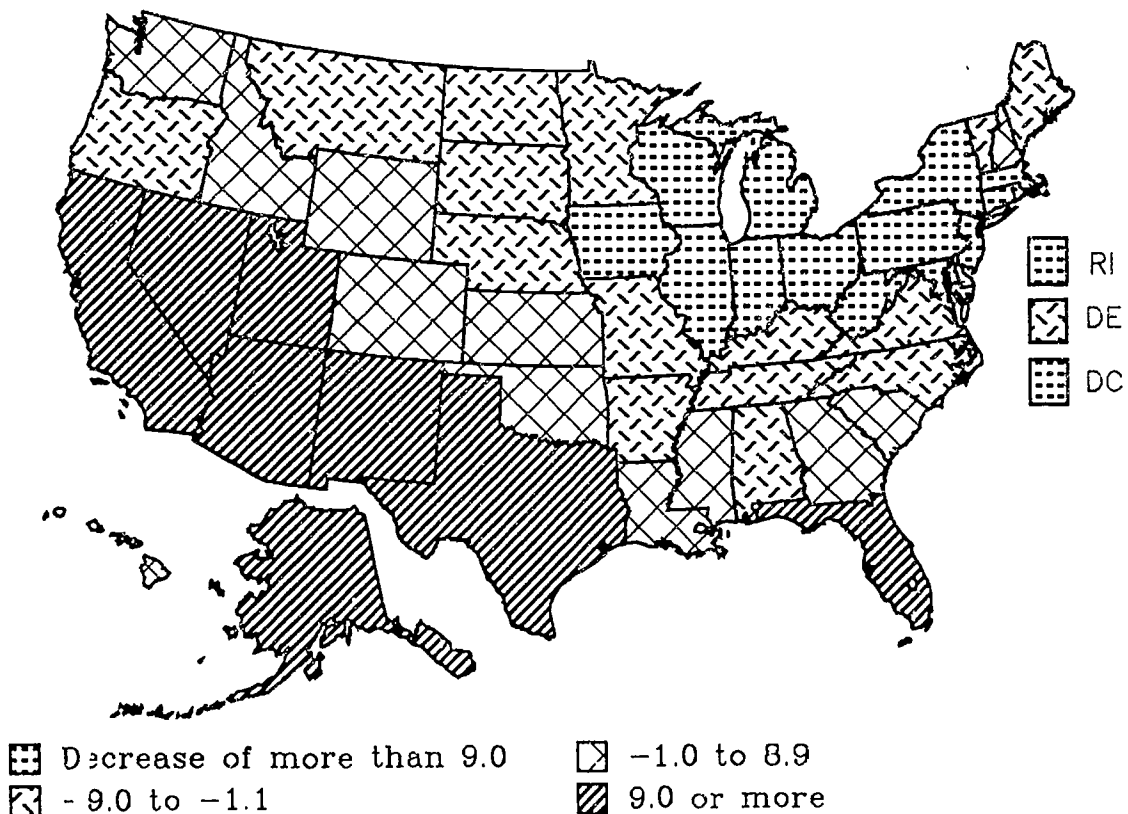


Chart 4b. — Percentage change in public elementary and secondary average daily attendance, by state: 1979-80 to 1988-89



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Schools*, various years; *Statistics of State School Systems*, various years; and Common Core of Data surveys.

**Table 5.—Number of children with disabilities served under IDEA-B and Chapter 1 of ESEA (state operated programs), by region and state: 1976-77 to 1989-90**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b> .....	—	—	—	—	—	—	—	<b>3,691,833</b>	<b>3,755,354</b>
<b>Northeast</b> .....	—	—	—	—	—	—	—	<b>842,166</b>	<b>817,156</b>
Connecticut .....	—	—	—	—	—	—	—	62,085	60,697
Maine .....	—	—	—	—	—	—	—	23,701	21,410
Massachusetts .....	—	—	—	—	—	—	—	131,992	136,873
New Hampshire .....	—	—	—	—	—	—	—	9,916	10,302
New Jersey .....	—	—	—	—	—	—	—	145,077	150,046
New York .....	—	—	—	—	—	—	—	240,250	232,264
Pennsylvania .....	—	—	—	—	—	—	—	206,792	182,840
Rhode Island .....	—	—	—	—	—	—	—	15,971	14,092
Vermont .....	—	—	—	—	—	—	—	6,382	7,632
<b>Midwest</b> .....	—	—	—	—	—	—	—	<b>996,270</b>	<b>1,013,200</b>
Illinois .....	—	—	—	—	—	—	—	229,797	239,522
Indiana .....	—	—	—	—	—	—	—	87,644	85,360
Iowa .....	—	—	—	—	—	—	—	51,055	52,406
Kansas .....	—	—	—	—	—	—	—	37,623	35,363
Michigan .....	—	—	—	—	—	—	—	153,113	154,448
Minnesota .....	—	—	—	—	—	—	—	72,136	74,087
Missouri .....	—	—	—	—	—	—	—	94,387	90,580
Nebraska .....	—	—	—	—	—	—	—	25,270	27,443
North Dakota .....	—	—	—	—	—	—	—	8,976	9,124
Ohio .....	—	—	—	—	—	—	—	168,314	176,453
South Dakota .....	—	—	—	—	—	—	—	9,936	9,098
Wisconsin .....	—	—	—	—	—	—	—	58,019	59,316
<b>South</b> .....	—	—	—	—	—	—	—	<b>1,221,084</b>	<b>1,302,059</b>
Alabama .....	—	—	—	—	—	—	—	53,987	60,265
Arkansas .....	—	—	—	—	—	—	—	28,487	34,741
Delaware .....	—	—	—	—	—	—	—	14,307	14,054
District of Columbia .....	—	—	—	—	—	—	—	9,261	5,722
Florida .....	—	—	—	—	—	—	—	117,257	125,427
Georgia .....	—	—	—	—	—	—	—	85,209	86,491
Kentucky .....	—	—	—	—	—	—	—	57,057	59,350
Louisiana .....	—	—	—	—	—	—	—	86,989	87,995
Maryland .....	—	—	—	—	—	—	—	84,184	87,636
Mississippi .....	—	—	—	—	—	—	—	29,219	32,374
North Carolina .....	—	—	—	—	—	—	—	98,035	97,807
Oklahoma .....	—	—	—	—	—	—	—	44,181	50,004
South Carolina .....	—	—	—	—	—	—	—	72,357	71,144
Tennessee .....	—	—	—	—	—	—	—	99,251	96,378
Texas .....	—	—	—	—	—	—	—	233,552	281,468
Virginia .....	—	—	—	—	—	—	—	77,616	81,329
West Virginia .....	—	—	—	—	—	—	—	30,135	29,874
<b>West</b> .....	—	—	—	—	—	—	—	<b>632,313</b>	<b>618,941</b>
Alaska .....	—	—	—	—	—	—	—	9,597	9,739
Arizona .....	—	—	—	—	—	—	—	43,045	41,624
California .....	—	—	—	—	—	—	—	332,291	324,976
Colorado .....	—	—	—	—	—	—	—	47,943	44,770
Hawaii .....	—	—	—	—	—	—	—	10,544	11,005
Idaho .....	—	—	—	—	—	—	—	14,573	17,396
Montana .....	—	—	—	—	—	—	—	8,610	10,444
Nevada .....	—	—	—	—	—	—	—	11,133	10,619
New Mexico .....	—	—	—	—	—	—	—	15,149	16,727
Oregon .....	—	—	—	—	—	—	—	37,258	36,316
Utah .....	—	—	—	—	—	—	—	37,204	36,169
Washington .....	—	—	—	—	—	—	—	57,705	51,088
Wyoming .....	—	—	—	—	—	—	—	7,261	8,068
Bur. of Indian Affairs .....	—	—	—	—	—	—	—	—	3,998
<b>Outlying Areas</b> .....	—	—	—	—	—	—	—	—	<b>21,946</b>
American Samoa .....	—	—	—	—	—	—	—	139	208
Guam .....	—	—	—	—	—	—	—	2,597	4,016
Northern Marianas .....	—	—	—	—	—	—	—	—	17
Puerto Rico .....	—	—	—	—	—	—	—	11,200	15,330
Trust Territories .....	—	—	—	—	—	—	—	1,120	1,243
Virgin Islands .....	—	—	—	—	—	—	—	1,712	1,132

—Data not available or applicable.

NOTE—IDEA-B is the Individuals with Disabilities Education Act (formerly known as EHA-B). IDEA-B child count includes children

ages 3-21 from 1976-77 to 1984-85 and ages 3-22+ from 1985-86 to 1989-90. Chapter 1 of Elementary and Secondary Education Act (state operated programs) child count includes children ages 0-20 from 1976-77 to 1987-88 and ages 0-21 from 1988-89 to 1989-90.

**Table 5.—Number of children with disabilities served under IDEA-B and Chapter 1 of ESEA (state operated programs), by region and state: 1976-77 to 1989-90—Continued**

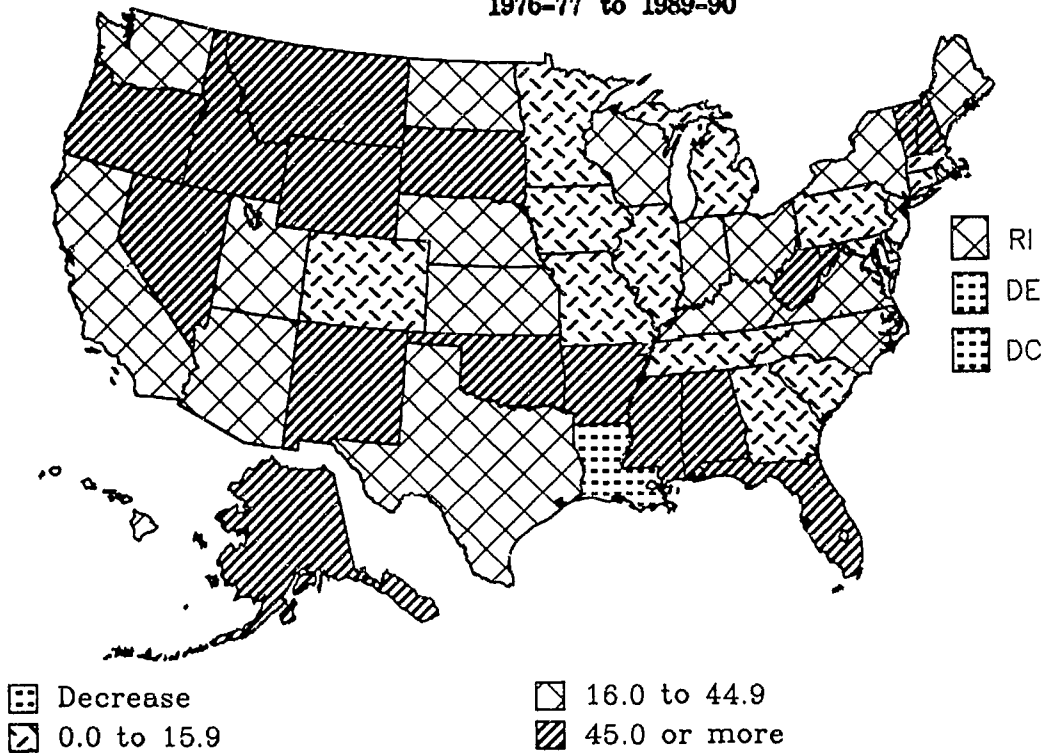
1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>3,893,611</b>	<b>4,010,109</b>	<b>4,146,424</b>	<b>4,202,831</b>	<b>4,259,642</b>	<b>4,303,630</b>	<b>4,320,458</b>	<b>4,322,000</b>	<b>4,379,004</b>	<b>4,452,206</b>
811,126	828,258	863,121	881,191	895,609	918,221	931,763	943,059	950,747	956,565
61,539	62,551	67,072	66,311	66,010	65,426	65,478	65,426	64,758	64,441
24,283	24,307	25,638	25,947	26,485	27,069	27,452	27,845	26,841	28,193
140,576	141,869	141,580	139,747	138,480	139,338	140,890	141,448	143,636	145,681
10,850	12,627	12,525	14,179	14,143	15,233	15,561	16,071	16,323	16,755
151,992	149,578	158,469	163,686	161,481	165,622	166,982	170,512	172,018	172,829
208,906	218,587	230,093	250,604	264,835	280,857	289,320	289,583	292,981	288,363
186,522	190,244	198,108	190,919	196,277	196,442	196,779	202,357	203,258	208,518
14,328	16,071	17,577	18,435	18,589	18,354	19,045	19,152	19,527	19,855
12,130	12,424	12,059	11,563	9,309	9,880	10,256	10,665	11,405	11,930
<b>1,068,685</b>	<b>1,099,823</b>	<b>1,113,466</b>	<b>1,121,372</b>	<b>1,123,222</b>	<b>1,125,000</b>	<b>1,121,528</b>	<b>1,117,963</b>	<b>1,128,032</b>	<b>1,135,108</b>
241,981	250,463	246,954	255,795	261,769	257,426	245,647	242,333	248,169	250,704
96,836	98,818	98,916	97,647	100,228	102,996	104,183	104,417	105,978	107,682
56,683	58,969	61,015	56,894	56,109	56,534	57,500	56,476	56,205	56,415
37,088	38,733	40,637	42,544	44,159	42,907	41,419	41,176	42,373	42,930
155,363	155,385	155,988	154,061	155,771	158,293	162,317	161,862	161,446	161,128
79,329	82,346	80,744	77,916	77,658	78,916	80,640	81,488	82,407	82,967
99,542	98,134	101,076	100,931	99,984	99,141	98,570	99,378	99,692	99,721
31,252	30,386	30,740	31,812	30,448	30,375	30,273	30,453	30,171	30,450
9,660	9,776	9,426	10,212	10,802	11,569	11,941	11,850	12,279	12,483
190,989	201,352	207,875	210,445	202,234	201,150	201,169	198,956	199,211	198,240
9,479	9,850	10,138	11,522	11,841	11,870	13,008	13,629	14,034	14,420
60,483	65,611	69,957	71,593	72,219	73,823	74,861	75,945	76,067	77,968
<b>1,362,850</b>	<b>1,397,774</b>	<b>1,459,329</b>	<b>1,487,587</b>	<b>1,516,607</b>	<b>1,529,913</b>	<b>1,524,693</b>	<b>1,507,442</b>	<b>1,526,998</b>	<b>1,554,728</b>
69,749	72,378	76,296	76,397	81,609	84,428	88,976	91,107	91,231	95,130
40,345	45,027	49,096	49,863	49,004	48,723	48,043	47,322	48,222	47,031
13,679	14,434	14,416	14,440	14,405	15,018	15,018	15,322	15,275	14,623
7,312	5,217	6,308	6,129	5,809	7,009	7,394	7,069	7,114	7,161
128,463	136,963	144,532	149,838	155,609	158,653	165,302	172,821	181,651	194,200
97,786	101,847	111,981	115,779	112,555	109,038	102,448	93,295	93,229	92,957
62,975	67,087	70,628	72,057	73,170	74,492	74,901	73,560	73,711	76,573
93,369	85,640	82,723	81,879	86,009	85,732	81,379	76,628	73,852	68,782
88,571	93,763	98,682	93,296	90,879	90,668	90,462	89,041	90,294	89,892
39,240	42,430	46,495	49,456	50,883	51,688	52,068	53,084	55,683	58,589
108,197	114,894	119,018	120,041	120,586	121,755	119,688	112,934	109,214	109,276
57,809	60,997	63,547	65,479	65,819	65,401	65,093	65,081	65,285	63,735
70,336	71,466	69,973	69,476	71,705	72,452	72,610	72,157	73,299	74,968
93,054	93,004	95,168	102,459	106,091	103,867	98,954	95,380	96,433	98,289
273,499	267,612	275,921	281,873	289,343	295,637	294,830	293,418	301,222	311,459
87,173	91,051	97,972	99,571	100,713	102,556	103,374	102,814	103,727	105,641
31,293	33,964	36,573	39,554	42,418	42,796	44,153	46,409	47,556	46,422
<b>646,409</b>	<b>679,415</b>	<b>705,878</b>	<b>707,822</b>	<b>719,355</b>	<b>725,271</b>	<b>737,110</b>	<b>748,228</b>	<b>767,861</b>	<b>799,494</b>
9,341	10,242	10,352	11,007	12,017	11,110	11,360	11,895	12,211	12,845
45,814	48,303	51,202	52,137	51,862	51,679	52,198	51,805	53,219	54,018
334,887	355,533	362,503	359,888	364,318	363,613	369,142	378,888	391,217	410,175
46,676	47,228	48,677	46,147	45,126	45,634	46,805	47,953	49,515	52,042
11,002	11,382	12,018	12,678	12,876	12,738	12,394	11,947	11,658	11,835
17,544	18,066	16,833	17,154	17,673	17,953	18,144	19,159	18,640	19,136
12,549	12,781	13,424	14,279	15,215	15,480	15,930	15,376	15,369	15,343
11,405	11,207	11,786	12,456	13,326	13,557	14,087	14,178	14,743	15,122
19,239	20,479	24,030	24,454	26,334	27,125	28,188	29,556	29,816	31,265
41,260	44,145	44,809	45,278	46,201	46,872	48,153	46,575	47,487	48,382
35,265	36,127	35,898	37,584	38,968	41,144	41,809	41,791	42,811	44,824
51,876	54,049	63,509	63,916	64,295	66,855	67,859	68,451	70,282	73,613
9,542	9,873	10,837	10,844	11,144	11,511	11,041	10,654	10,893	10,894
<b>4,500</b>	<b>4,839</b>	<b>4,630</b>	<b>4,859</b>	<b>4,849</b>	<b>5,225</b>	<b>5,364</b>	<b>5,388</b>	<b>5,366</b>	<b>6,311</b>
<b>25,462</b>	<b>26,110</b>	<b>31,265</b>	—	—	—	—	—	—	—
240	167	220	204	244	428	116	201	178	248
2,619	1,790	2,085	2,123	2,031	2,065	1,995	1,929	1,852	1,883
65	58	154	—	—	—	—	—	585	804
19,968	21,035	25,333	27,852	35,173	35,153	40,327	44,620	39,858	37,694
1,480	1,742	1,917	—	—	—	—	—	—	—
1,090	1,318	1,556	272	1,237	123	135	1,414	124	1,445

SOURCE U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Education of the Handicapped Act*, various years.

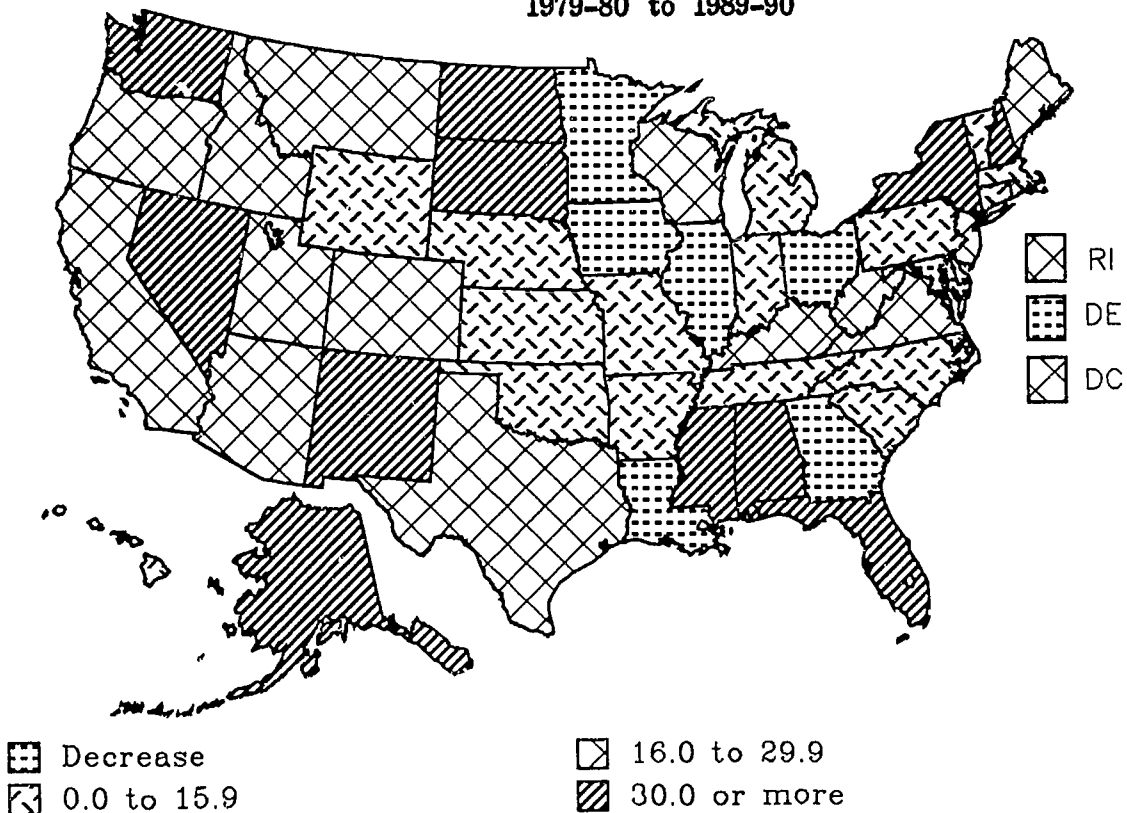
**Table 5.—Number of children with disabilities served under IDEA-B and Chapter 1 of ESEA (state operated programs), by region and state: 1976-77 to 1989-90—Continued**

Region and state	1988-89	1989-90	Percentage change				
			1976-77 to 1989-90	1979-80 to 1989-90	1976-77 to 1979-80	1979-80 to 1984-85	1984-85 to 1989-90
<b>United States</b> .....	<b>4,526,963</b>	<b>4,647,566</b>	<b>25.9</b>	<b>15.9</b>	<b>8.6</b>	<b>7.7</b>	<b>7.6</b>
<b>Northeast</b> .....	<b>974,986</b>	<b>988,165</b>	<b>17.3</b>	<b>19.3</b>	<b>-1.7</b>	<b>12.5</b>	<b>6.1</b>
Connecticut .....	63,503	63,474	2.2	1.5	0.8	4.7	-3.1
Maine .....	27,908	28,190	18.9	16.0	2.6	12.9	2.7
Massachusetts .....	149,770	152,325	15.4	7.4	7.5	-0.7	8.1
New Hampshire .....	17,685	19,242	94.1	52.4	27.3	23.2	23.7
New Jersey .....	174,982	177,158	22.1	18.4	3.1	11.6	6.1
New York .....	294,675	295,692	23.1	35.3	-9.0	32.4	2.2
Pennsylvania .....	213,606	217,868	5.4	14.5	-8.0	3.4	10.7
Rhode Island .....	20,172	20,468	28.2	27.4	0.6	18.5	7.5
Vermont .....	12,685	13,748	115.4	10.7	94.7	-17.5	34.0
<b>Midwest</b> .....	<b>1,128,489</b>	<b>1,149,647</b>	<b>15.4</b>	<b>4.5</b>	<b>10.4</b>	<b>2.0</b>	<b>2.5</b>
Illinois .....	235,654	249,158	8.4	-0.5	9.0	-1.9	1.4
Indiana .....	109,838	112,118	27.9	13.5	12.7	5.4	7.6
Iow. ....	57,563	58,580	14.7	-0.7	15.5	-2.5	1.9
Kansas .....	43,416	43,708	16.2	12.8	3.0	6.9	5.5
Michigan .....	160,917	163,204	6.6	5.0	1.5	4.5	0.5
Minnesota .....	81,565	79,980	10.9	-2.9	14.2	-2.1	-0.8
Missouri .....	100,665	100,667	6.7	2.6	4.0	0.4	2.1
Nebraska .....	31,458	31,384	24.2	3.3	20.2	-0.4	3.7
North Dakota .....	12,729	12,905	43.8	32.0	8.9	22.1	8.1
Ohio .....	200,527	200,623	19.2	-0.4	19.6	-0.1	-0.3
South Dakota .....	14,414	14,625	47.2	48.5	-0.9	32.1	12.4
Wisconsin .....	79,743	82,695	42.5	26.0	13.1	14.1	10.5
<b>South</b> .....	<b>1,595,403</b>	<b>1,633,475</b>	<b>33.8</b>	<b>16.9</b>	<b>14.5</b>	<b>9.1</b>	<b>7.1</b>
Alabama .....	103,211	100,195	85.6	38.4	34.1	22.9	12.6
Arkansas .....	47,659	47,376	66.3	5.2	58.1	6.7	-1.4
Delaware .....	13,908	13,726	-4.1	-4.9	0.9	4.0	-8.6
District of Columbia .....	7,213	6,153	-33.6	17.9	-43.7	41.7	-16.8
Florida .....	207,939	221,350	88.8	61.6	16.8	20.7	33.9
Georgia .....	94,065	98,479	15.6	-3.3	19.5	0.6	-3.9
Kentucky .....	76,500	78,618	37.8	17.2	17.6	11.6	5.0
Louisiana .....	69,365	71,082	-18.3	-17.0	-1.6	-5.0	-12.7
Maryland .....	87,019	87,905	4.4	-6.2	11.4	-3.5	-2.8
Mississippi .....	59,180	59,900	105.0	41.2	45.2	22.7	15.0
North Carolina .....	113,922	119,573	22.0	4.1	17.2	4.2	-0.1
Oklahoma .....	64,247	65,417	48.1	7.2	38.1	6.7	0.5
South Carolina .....	76,148	76,965	6.4	7.7	-1.2	1.6	6.0
Tennessee .....	100,171	101,194	2.0	8.8	-6.3	6.4	2.3
Texas .....	324,056	335,481	43.6	25.4	14.6	10.2	13.8
Virginia .....	105,766	106,221	36.9	16.7	17.3	13.5	2.8
West Virginia .....	45,034	43,840	45.5	29.1	12.7	30.0	-0.7
<b>West</b> .....	<b>828,085</b>	<b>869,682</b>	<b>37.5</b>	<b>28.0</b>	<b>7.4</b>	<b>8.5</b>	<b>18.0</b>
Alaska .....	13,392	14,135	47.3	38.0	6.7	10.9	24.4
Arizona .....	55,156	56,603	31.5	17.2	12.2	8.1	8.4
California .....	430,522	448,747	35.0	26.2	7.0	3.8	21.6
Colorado .....	53,017	55,022	14.8	16.5	-1.5	-0.9	17.6
Hawaii .....	12,255	12,825	21.6	12.7	7.9	8.9	3.5
Idaho .....	19,436	21,846	49.9	20.9	24.0	0.4	20.4
Montana .....	15,830	16,491	91.5	29.0	48.4	24.6	3.5
Nevada .....	16,070	17,047	53.1	52.1	0.7	25.7	21.0
New Mexico .....	31,605	33,216	119.3	62.2	35.2	37.6	17.8
Oregon .....	49,079	55,919	50.1	26.7	18.5	9.1	16.1
Utah .....	43,763	44,777	20.4	23.9	-2.9	15.7	7.1
Washington .....	77,041	82,189	42.4	52.1	-6.3	25.6	21.1
Wyoming .....	10,919	10,865	49.6	10.0	36.0	11.8	-1.6
Bur. of Indian Affairs .....	—	6,597	—	36.3	—	10.8	23.0
<b>Outlying Areas</b> .....	<b>41,155</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	334	397	185.6	137.7	20.1	-30.5	242.2
Guam .....	1,847	1,793	-31.0	0.2	-31.1	11.5	-10.1
Northern Marianas .....	890	212	—	265.5	—	—	—
Puerto Rico .....	36,243	36,197	223.2	72.1	87.8	91.7	-10.2
Trust Territories .....	421	—	—	—	55.5	—	—
Virgin Islands .....	1,420	1,438	-16.0	9.1	-23.0	-89.8	965.2

**Chart 5a. — Percentage change in number of children with disabilities served under IDEA-B and Chapter 1 of ESEA (SOP), by state: 1976-77 to 1989-90**



**Chart 5b. — Percentage change in number of children with disabilities served under IDEA-B and Chapter 1 of ESEA (SOP), by state: 1979-80 to 1989-90**



**SOURCE:** U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Education of the Handicapped Act*, various years.

Table 6.—Public high school graduates, by region and state:  
1969-70 to 1989-90

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b> .....	<b>2,589,151</b>	<b>2,637,642</b>	<b>2,699,553</b>	<b>2,728,822</b>	<b>2,763,317</b>	<b>2,822,502</b>	<b>2,837,129</b>	<b>2,837,340</b>	<b>2,824,636</b>
<b>Northeast</b> .....	<b>565,404</b>	<b>570,751</b>	<b>591,023</b>	<b>601,609</b>	<b>620,292</b>	<b>635,073</b>	<b>641,103</b>	<b>630,114</b>	<b>626,306</b>
Connecticut .....	34,755	35,155	37,804	37,871	39,171	<sup>2</sup> 42,792	40,612	39,485	38,860
Maine .....	14,003	13,857	14,356	14,377	14,491	14,830	15,200	15,205	15,364
Massachusetts .....	63,865	62,153	67,487	72,696	<sup>2</sup> 78,000	<sup>2</sup> 79,000	81,207	<sup>2</sup> 75,386	78,348
New Hampshire .....	8,516	9,119	9,290	9,849	9,932	11,050	10,663	11,477	11,360
New Jersey .....	86,498	<sup>4</sup> 87,718	88,106	91,629	93,918	<sup>2</sup> 96,000	<sup>2</sup> 97,985	97,494	97,079
New York .....	190,512	192,807	199,771	204,037	207,413	210,780	214,234	212,907	210,720
Pennsylvania .....	151,014	153,568	157,415	154,045	159,934	163,124	163,812	160,665	156,918
Rhode Island .....	10,146	10,435	10,909	10,802	11,117	11,042	10,831	10,796	10,884
Vermont .....	6,095	5,939	5,885	6,303	6,316	6,455	6,559	6,699	6,773
<b>Midwest</b> .....	<b>764,288</b>	<b>782,959</b>	<b>791,822</b>	<b>809,503</b>	<b>818,072</b>	<b>829,124</b>	<b>832,378</b>	<b>837,142</b>	<b>825,249</b>
Illinois .....	126,864	128,843	128,843	135,735	139,104	<sup>2</sup> 141,316	146,612	142,040	140,690
Indiana .....	69,984	70,596	72,501	73,155	73,377	74,104	77,712	76,406	74,335
Iowa .....	44,063	43,546	44,426	44,521	43,508	43,005	<sup>2</sup> 42,318	43,720	44,168
Kansas .....	33,394	33,442	34,163	33,941	33,374	32,458	<sup>2</sup> 32,212	33,216	32,763
Michigan .....	121,000	131,598	126,409	130,286	134,336	135,509	130,872	135,337	132,759
Minnesota .....	60,480	60,966	63,135	63,394	63,981	66,535	66,424	68,166	67,475
Missouri .....	55,315	57,422	58,876	60,068	62,183	62,375	63,942	64,471	64,564
Nebraska .....	21,280	21,410	21,720	22,459	22,276	22,249	22,237	<sup>2</sup> 23,067	23,322
North Dakota .....	11,150	11,003	10,515	10,563	10,824	10,690	10,771	10,839	10,526
Ohio .....	142,248	145,076	149,472	152,428	153,874	158,179	157,583	156,220	152,002
South Dakota .....	11,757	11,875	11,945	12,164	11,894	11,725	11,340	11,293	11,349
Wisconsin .....	66,753	67,182	69,817	70,789	69,341	70,979	70,355	72,367	71,295
<b>South</b> .....	<b>780,751</b>	<b>797,538</b>	<b>818,958</b>	<b>823,467</b>	<b>824,939</b>	<b>851,331</b>	<b>857,579</b>	<b>863,201</b>	<b>867,515</b>
Alabama .....	45,286	44,722	44,806	44,441	45,502	46,633	46,695	46,763	46,509
Arkansas .....	26,068	25,965	25,892	25,705	24,384	26,836	27,029	27,628	28,064
Delaware .....	6,985	7,342	7,666	7,733	8,165	8,235	8,212	8,164	8,166
District of Columbia <sup>3</sup> .....	4,980	4,760	4,965	5,213	5,540	5,367	5,106	5,335	5,186
Florida .....	70,478	73,150	78,574	81,773	74,830	86,481	<sup>2</sup> 89,444	88,137	91,613
Georgia .....	56,859	57,082	58,358	57,755	58,026	59,803	61,059	62,234	61,095
Kentucky .....	37,473	38,486	40,707	40,607	41,351	42,368	<sup>2</sup> 41,761	41,755	41,611
Louisiana .....	43,641	44,446	45,563	45,704	46,808	47,691	47,446	<sup>2</sup> 48,219	47,183
Maryland .....	46,462	48,219	50,370	52,813	54,128	55,408	56,063	55,503	55,455
Mississippi .....	29,653	<sup>4</sup> 26,729	26,529	26,128	25,664	27,243	27,243	27,617	28,186
North Carolina .....	68,886	68,821	70,242	69,322	69,062	70,094	70,498	71,146	70,953
Oklahoma .....	36,293	38,062	38,409	37,349	36,770	37,809	37,663	38,577	39,005
South Carolina .....	34,940	35,992	37,071	36,150	<sup>4</sup> 38,837	38,312	38,073	37,780	<sup>2</sup> 38,735
Tennessee .....	49,000	50,500	51,622	52,115	49,641	49,363	50,118	49,290	47,515
Texas .....	139,046	148,105	153,653	153,529	156,984	159,487	159,855	163,574	167,983
Virginia .....	58,562	59,672	62,372	62,589	63,846	65,570	66,061	66,738	66,270
West Virginia .....	26,139	25,485	22,159	24,541	25,401	24,631	24,879	24,719	23,986
<b>West</b> .....	<b>478,708</b>	<b>486,394</b>	<b>497,750</b>	<b>494,243</b>	<b>500,014</b>	<b>506,974</b>	<b>506,069</b>	<b>506,883</b>	<b>505,566</b>
Alaska .....	3,297	3,534	3,760	3,970	4,248	4,220	4,223	4,526	4,832
Arizona .....	22,040	23,407	23,953	24,012	24,924	25,665	26,019	29,855	30,814
California .....	260,908	262,661	270,518	268,021	268,493	273,411	272,500	266,143	261,698
Colorado .....	30,312	31,910	33,454	33,358	34,353	34,963	35,555	36,647	37,373
Hawaii .....	10,407	10,471	11,185	11,147	11,426	11,283	11,284	11,637	11,190
Idaho .....	12,296	12,360	12,829	12,714	12,776	12,631	11,940	13,029	13,301
Montana .....	11,520	11,500	10,652	10,504	12,135	12,293	12,136	12,328	12,184
Nevada .....	5,449	5,899	6,206	6,414	6,960	7,232	7,566	7,992	8,233
New Mexico .....	16,060	16,261	16,999	17,248	17,364	18,438	17,843	17,988	18,444
Oregon .....	32,236	32,757	31,882	31,221	30,806	30,668	30,561	30,258	29,998
Utah .....	18,395	19,097	18,971	18,993	18,901	19,532	19,673	19,743	20,324
Washington .....	50,425	50,902	51,563	50,988	51,868	50,990	51,012	50,876	<sup>5</sup> 51,101
Wyoming .....	5,363	5,635	5,778	5,653	5,760	5,648	5,757	5,861	6,074
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	367	367	406	446	448	448	394	—	—
Guam .....	972	1,022	1,031	1,056	1,002	1,117	1,206	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	24,917	23,026	24,901	24,081	24,541	27,071	25,788	—	—
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	432	432	530	569	614	641	670	—	—

—Data not available or applicable.

<sup>1</sup> National total includes estimates for nonreporting states.

<sup>2</sup> Data estimated by reporting state.

<sup>3</sup> Data estimated by NCES.

<sup>4</sup> Includes summer 1971 high school graduates.

<sup>5</sup> Beginning in 1983-84, graduates from adult programs are excluded.

<sup>6</sup> Includes pupils graduating during summer of 1974 instead of those graduating during summer of 1973.

<sup>7</sup> Data for calendar year 1978.

Table 6.—Public high school graduates, by region and state:  
1969-70 to 1989-90—Continued

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>2,801,152</b>	<b>2,747,678</b>	<b>2,725,254</b>	<b>2,704,758</b>	<b>2,597,604</b>	<b>2,494,797</b>	<b>2,413,917</b>	<b>2,382,616</b>	<b>2,428,803</b>	<b>2,500,191</b>
<b>621,105</b>	<b>601,335</b>	<b>593,600</b>	<b>586,322</b>	<b>561,601</b>	<b>533,342</b>	<b>511,189</b>	<b>496,104</b>	<b>495,738</b>	<b>503,041</b>
38,369	37,683	38,369	37,706	36,204	33,679	32,126	33,571	31,141	32,383
15,402	15,445	15,554	14,764	14,600	13,935	13,924	13,006	13,692	13,808
76,097	73,802	74,831	73,414	71,219	65,885	63,411	60,360	61,010	59,515
11,853	11,722	11,552	11,669	11,470	11,478	11,052	10,648	10,796	11,685
97,643	94,564	93,168	93,750	90,048	85,569	81,547	78,781	79,376	80,863
208,335	204,064	198,465	194,605	184,022	174,762	166,752	162,165	163,765	165,379
155,442	146,458	144,518	143,356	137,494	132,412	127,226	122,871	121,219	124,376
11,243	10,864	10,719	10,545	10,533	9,820	9,382	8,908	8,771	8,855
6,721	6,733	6,424	6,513	6,011	6,002	5,769	5,794	5,968	6,177
<b>818,443</b>	<b>791,074</b>	<b>784,071</b>	<b>771,023</b>	<b>731,556</b>	<b>695,846</b>	<b>668,475</b>	<b>647,462</b>	<b>657,067</b>	<b>675,571</b>
139,230	135,579	136,795	136,534	128,814	122,561	117,027	114,319	116,075	119,090
75,182	73,143	73,381	73,984	70,549	65,710	63,308	59,817	60,364	64,037
44,488	43,445	42,635	41,509	39,569	37,248	36,087	34,279	34,580	35,218
32,132	30,890	29,397	28,298	28,316	26,730	25,983	25,587	26,933	27,036
130,586	124,316	124,372	121,030	112,950	108,926	105,908	101,042	102,725	106,151
66,096	64,908	64,166	62,145	59,015	55,376	53,352	51,988	53,533	54,645
64,163	62,265	60,359	59,872	56,420	53,388	51,290	49,204	50,840	51,316
23,147	22,410	21,411	21,027	19,986	18,674	18,036	17,845	18,129	18,700
10,385	9,928	9,924	9,504	8,886	8,569	8,146	7,610	7,821	8,432
150,651	144,169	143,503	139,899	133,524	127,837	122,281	119,561	121,121	124,503
11,092	10,689	10,385	9,864	9,206	8,638	8,206	7,870	8,074	8,415
71,291	69,332	67,743	67,357	64,321	62,189	58,851	58,340	56,872	58,428
<b>866,984</b>	<b>865,232</b>	<b>868,068</b>	<b>870,563</b>	<b>842,415</b>	<b>812,170</b>	<b>789,445</b>	<b>790,924</b>	<b>807,348</b>	<b>833,532</b>
47,137	45,190	44,894	45,409	44,352	42,021	40,002	39,620	42,463	43,799
28,302	29,052	29,577	29,710	28,447	27,049	26,342	26,227	27,101	27,776
8,090	7,582	7,349	7,144	6,924	6,410	5,893	5,791	5,895	5,963
5,812	4,959	4,848	4,871	4,909	4,073	3,940	3,875	3,842	3,882
87,633	87,324	88,755	90,736	86,871	85,908	81,140	83,029	82,184	89,206
62,179	61,621	62,963	64,489	63,293	60,718	58,654	59,082	60,018	61,765
41,402	41,203	41,714	42,531	40,478	39,645	37,999	37,288	36,948	39,484
46,861	46,297	46,199	39,895	39,539	39,400	39,742	39,965	39,084	39,058
55,114	54,270	54,050	54,621	52,446	50,684	48,299	46,700	46,107	47,175
28,168	27,586	28,083	28,023	27,271	26,324	25,315	25,134	26,201	27,896
72,464	70,862	69,395	71,210	68,783	66,803	67,245	65,865	65,421	67,836
39,225	39,305	38,875	36,347	36,799	35,254	34,626	34,452	35,514	36,145
38,079	38,697	38,347	38,647	37,570	36,800	34,500	34,500	36,000	36,113
47,403	49,845	50,648	51,447	46,704	44,711	43,293	43,263	44,731	47,904
168,518	171,449	171,665	172,085	168,897	161,580	159,234	161,150	168,430	171,436
67,027	66,621	67,126	67,809	65,571	62,177	60,959	63,113	65,008	65,688
23,570	23,369	23,580	23,589	23,561	22,613	22,262	21,870	22,401	22,406
<b>494,620</b>	<b>490,037</b>	<b>479,515</b>	<b>476,850</b>	<b>462,032</b>	<b>453,239</b>	<b>444,808</b>	<b>448,126</b>	<b>468,650</b>	<b>488,047</b>
5,038	5,223	5,343	5,477	5,622	5,457	5,184	5,464	5,692	5,907
30,059	28,633	28,416	28,049	26,530	28,332	27,877	27,533	29,549	29,777
250,708	249,217	242,172	241,343	236,897	232,199	225,448	229,026	237,414	249,617
37,234	36,804	35,993	35,494	34,875	34,875	32,255	32,621	34,200	35,977
11,637	11,493	11,472	11,563	10,757	10,454	10,092	9,958	10,371	10,575
13,432	13,187	12,679	12,560	12,126	11,732	12,148	12,059	12,243	12,425
12,068	12,135	11,634	11,162	10,689	10,224	10,016	9,761	10,073	10,311
8,319	8,473	9,069	9,240	8,979	8,726	8,572	8,784	9,506	9,404
18,762	18,424	17,915	17,635	16,530	15,914	15,622	15,468	15,701	15,868
30,228	29,939	28,729	28,780	28,099	27,214	26,870	26,286	27,165	28,058
20,045	20,035	19,886	19,400	19,350	19,350	19,606	19,774	20,930	22,226
51,108	50,402	50,046	50,148	45,809	44,919	45,431	45,805	49,873	51,754
5,982	6,072	6,161	5,999	5,909	5,764	5,687	5,587	5,933	6,148
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	608	647	633
—	—	—	—	—	—	1,099	840	898	898
—	—	—	—	—	265	—	—	289	285
—	—	—	—	—	33,166	31,519	31,597	30,137	31,832
—	—	—	—	—	—	1,008	1,044	1,170	1,026

\* Includes persons receiving high school equivalency certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.



Table 6.—Public high school graduates, by region and state:  
1969-70 to 1989-90—Continued

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1989-90	1969-70 to 1979-80	1979-80 to 1989-90	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1989-90
<b>United States</b> .....	<b>2,456,178</b>	<b>2,330,609</b>	<b>-10.0</b>	<b>6.1</b>	<b>-15.2</b>	<b>9.0</b>	<b>-2.7</b>	<b>-12.1</b>	<b>-3.5</b>
<b>Northeast</b> .....	<b>475,232</b>	<b>444,326</b>	<b>-21.4</b>	<b>6.4</b>	<b>-26.1</b>	<b>12.3</b>	<b>-5.3</b>	<b>-15.0</b>	<b>-13.1</b>
Connecticut .....	30,862	<sup>2</sup> 30,000	-13.7	8.4	-20.4	23.1	-11.9	-14.7	-6.6
Maine .....	13,857	13,323	-4.9	10.3	-13.7	5.9	4.1	-9.8	-4.3
Massachusetts .....	<sup>3</sup> 54,892	<sup>2</sup> 54,954	-14.0	15.6	-25.5	23.7	-6.6	-14.1	-13.3
New Hampshire .....	11,340	10,357	21.6	37.6	-11.6	29.8	6.1	-5.7	-6.3
New Jersey .....	76,263	<sup>1</sup> 68,445	-20.9	9.3	-27.6	11.0	-1.5	-13.8	-16.1
New York .....	154,580	143,318	-24.8	7.1	-29.8	10.6	-3.2	-18.3	-14.1
Pennsylvania .....	118,921	110,527	-26.8	-3.0	-24.5	8.0	-10.2	-13.1	-13.1
Rhode Island .....	8,554	7,708	-24.0	7.1	-29.1	8.8	-1.6	-13.6	-17.8
Vermont .....	5,963	<sup>1</sup> 5,694	-6.6	10.5	-15.4	5.9	4.3	-14.3	-1.3
<b>Midwest</b> .....	<b>663,225</b>	<b>618,043</b>	<b>-19.1</b>	<b>3.5</b>	<b>-21.9</b>	<b>8.5</b>	<b>-4.6</b>	<b>-15.5</b>	<b>-7.5</b>
Illinois .....	116,660	108,119	-14.8	6.9	-20.3	11.4	-4.1	-13.7	-7.6
Indiana .....	63,571	59,415	-15.1	4.5	-18.8	5.9	-1.3	-13.4	-6.1
Iowa .....	34,294	31,780	-27.9	-1.4	-26.9	-2.4	1.0	-16.9	-11.9
Kansas .....	26,848	25,367	-24.0	-7.5	-17.9	-2.8	4.8	-15.9	-2.4
Michigan .....	101,784	<sup>2</sup> 93,000	-23.1	2.7	-25.2	12.0	-8.3	-14.8	-12.2
Minnesota .....	53,122	<sup>2</sup> 48,502	-19.8	7.3	-25.3	10.0	-2.4	-17.8	-9.1
Missouri .....	51,968	<sup>2</sup> 48,457	-12.4	12.6	-22.2	12.8	-0.2	-17.6	-5.5
Nebraska .....	18,690	18,556	-12.8	5.3	-17.2	4.6	9.7	-19.5	2.9
North Dakota .....	8,077	7,690	-31.0	-11.0	-22.5	-4.1	-7.1	-17.9	-5.6
Ohio .....	125,036	114,513	-19.5	1.4	-20.6	11.2	-8.9	-15.2	-6.4
South Dakota .....	8,181	7,650	-34.9	-9.1	-28.4	-0.3	-8.8	-23.2	-6.8
Wisconsin .....	54,994	54,994	-17.6	3.9	-20.7	6.3	-2.3	-15.1	-6.6
<b>South</b> .....	<b>836,322</b>	<b>805,569</b>	<b>3.2</b>	<b>10.8</b>	<b>-6.9</b>	<b>9.0</b>	<b>1.6</b>	<b>-8.8</b>	<b>2.0</b>
Alabama .....	43,437	36,555	-19.3	-0.2	-19.1	3.0	-3.1	-11.5	-8.6
Arkansas .....	27,920	26,475	1.6	11.4	-8.9	2.9	8.3	-9.3	0.5
Delaware .....	6,104	6,111	-12.5	8.5	-19.4	17.9	-7.9	-22.3	3.7
District of Columbia .....	3,565	3,626	-27.2	-0.4	-26.9	7.8	-7.6	-20.5	-8.0
Florida .....	90,759	89,000	26.3	23.9	1.9	22.7	1.0	-7.1	9.7
Georgia .....	61,937	56,605	-0.4	8.4	-8.1	5.2	3.0	-4.8	-3.5
Kentucky .....	38,883	38,693	3.3	10.0	-6.1	13.1	-2.7	-7.8	1.8
Louisiana .....	37,198	35,899	-17.7	6.1	-22.5	9.3	-2.9	-14.2	-9.7
Maryland .....	45,791	41,566	-10.5	16.8	-23.4	19.3	-2.1	-11.0	-13.9
Mississippi .....	24,241	25,039	-15.6	-7.0	-9.2	-8.1	1.3	-8.2	-1.1
North Carolina .....	69,300	64,521	-6.3	2.9	-8.9	1.8	1.1	-5.1	-4.1
Oklahoma .....	36,773	35,606	-1.9	8.3	-9.4	4.2	4.0	-11.9	2.8
South Carolina .....	37,020	<sup>2</sup> 34,600	-1.0	10.8	-10.6	9.7	1.0	-10.8	0.3
Tennessee .....	48,553	46,094	-5.9	1.7	-7.5	0.7	1.0	-13.1	6.5
Texas .....	176,951	182,057	30.9	23.3	6.2	14.7	7.5	-7.1	14.3
Virginia .....	65,004	61,268	4.6	13.8	-8.0	12.0	1.6	-8.5	0.5
West Virginia .....	22,886	21,854	-16.4	-10.6	-6.5	-5.8	-5.1	-4.7	-1.8
<b>West</b> .....	<b>481,399</b>	<b>462,671</b>	<b>-3.4</b>	<b>2.4</b>	<b>-5.6</b>	<b>5.9</b>	<b>-3.3</b>	<b>-9.2</b>	<b>4.0</b>
Alaska .....	5,631	5,386	63.4	58.4	3.1	28.0	23.8	-0.7	3.9
Arizona .....	31,919	32,103	45.7	29.9	12.1	16.4	11.6	-2.6	15.2
California .....	244,629	236,291	-9.4	-4.5	-5.2	4.8	-8.8	-9.5	4.8
Colorado .....	35,520	32,967	8.8	21.4	-10.4	15.3	5.3	-12.4	2.2
Hawaii .....	10,404	<sup>1</sup> 9,905	-4.8	10.4	-13.8	8.4	1.9	-12.2	-1.9
Idaho .....	12,520	11,642	-5.3	7.2	-11.7	2.7	4.4	-7.9	-4.2
Montana .....	10,490	9,375	-18.6	5.3	-22.7	6.7	-1.3	-17.5	-6.4
Nevada .....	9,464	9,462	73.6	55.5	11.7	32.7	17.2	1.2	10.4
New Mexico .....	15,481	14,884	-7.3	14.7	-19.2	14.8	-0.1	-15.2	-4.7
Oregon .....	26,903	25,588	-20.6	-7.1	-14.5	-4.9	-2.4	-10.3	-4.8
Utah .....	22,934	22,373	21.6	8.9	11.7	6.2	2.6	-2.1	14.1
Washington .....	49,425	<sup>2</sup> 46,872	-7.0	0.0	-7.0	1.1	-1.2	-9.9	3.2
Wyoming .....	6,079	5,823	8.6	13.2	-4.1	5.3	7.5	-6.3	2.4
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	569	560	52.6	—	—	22.1	—	—	—
Guam .....	936	1,033	6.3	—	—	14.9	—	—	-6.0
Northern Marianas .....	232	219	—	—	—	—	—	—	—
Puerto Rico .....	31,617	29,049	16.6	—	—	8.6	—	—	-7.8
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	1,025	958	121.8	—	—	48.4	—	—	-5.0

Chart 6a. — Percentage change in public high school graduates, by state: 1969-70 to 1989-90

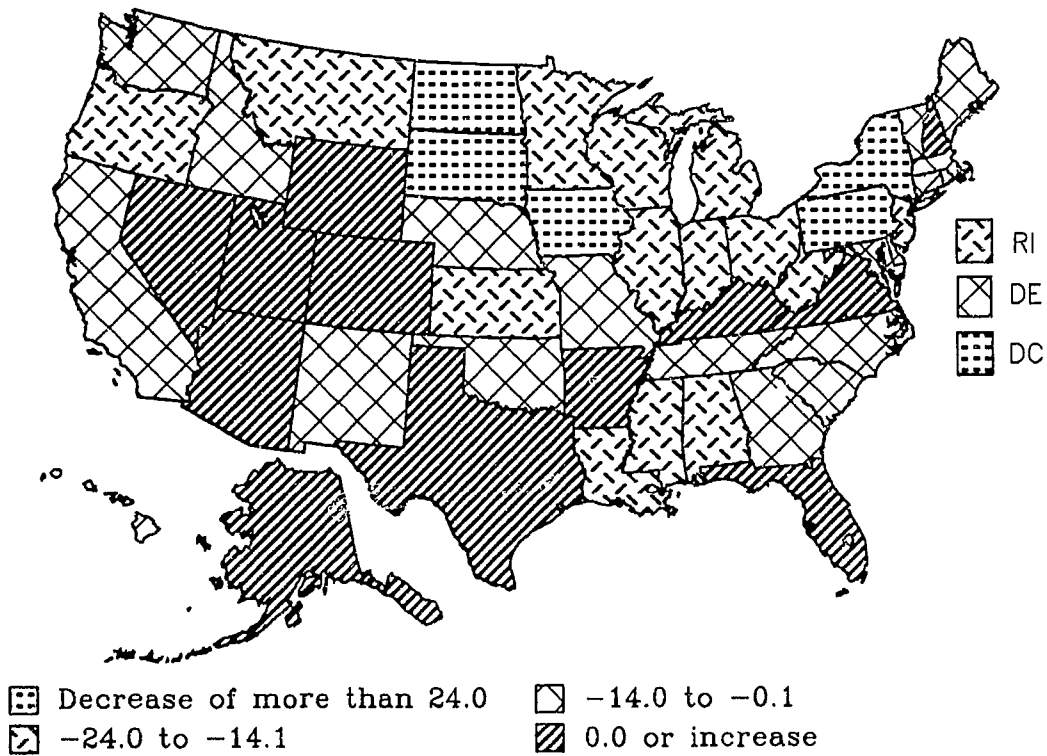
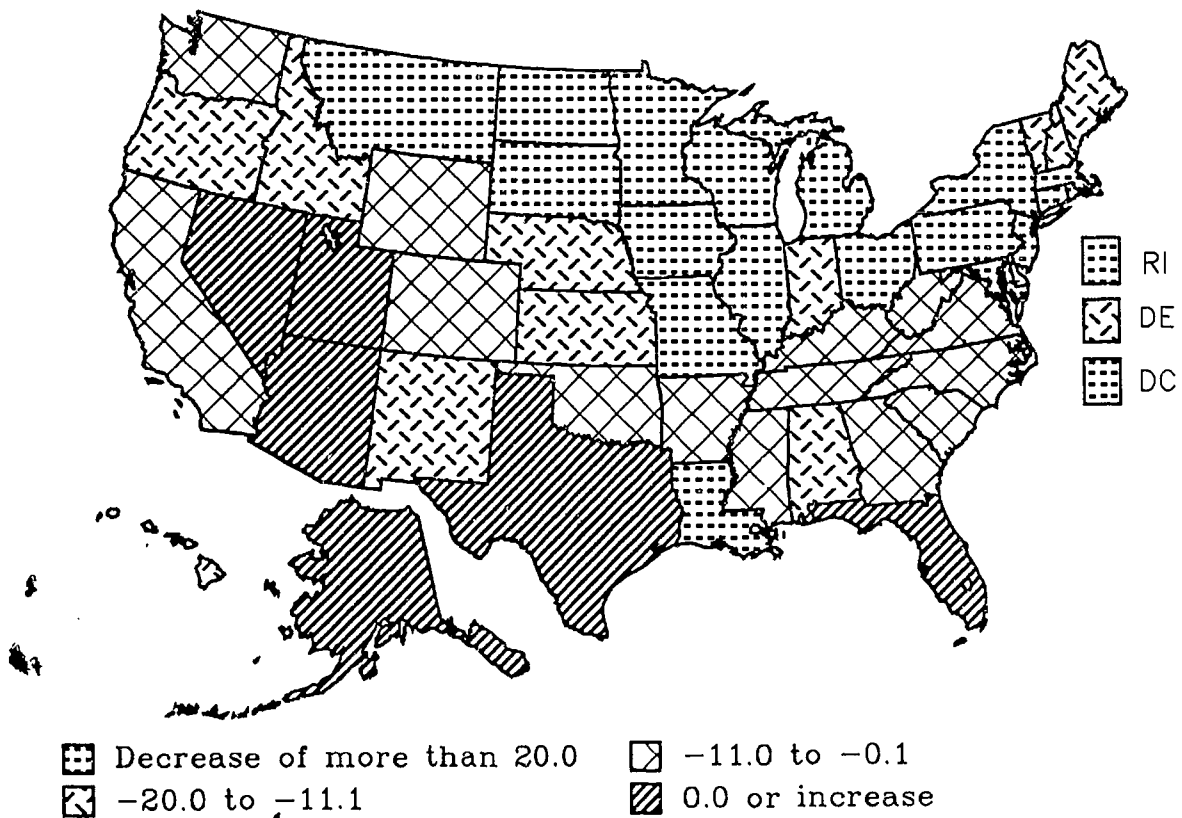


Chart 6b. — Percentage change in public high school graduates, by state: 1979-80 to 1989-90



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.

**Table 7.—Teachers in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989**

Region and state	Fall 1969	Fall 1970	Fall 1971	Fall 1972	Fall 1973	Fall 1974	Fall 1975	Fall 1976	Fall 1977
<b>United States</b> .....	<b>2,016,244</b>	<b>2,058,744</b>	<b>2,062,933</b>	<b>2,105,716</b>	<b>2,135,879</b>	<b>2,164,548</b>	<b>2,197,670</b>	<b><sup>1</sup>2,189,197</b>	<b>2,208,672</b>
<b>Northeast</b> .....	<b>465,125</b>	<b>477,950</b>	<b>488,283</b>	<b>507,160</b>	<b>515,605</b>	<b>524,701</b>	<b>514,014</b>	<b>504,148</b>	<b>507,604</b>
Connecticut .....	31,155	31,323	33,909	34,077	34,750	35,474	35,673	36,299	36,425
Maine .....	12,096	11,170	11,400	12,213	11,612	12,017	12,304	13,230	13,425
Massachusetts .....	54,515	55,300	54,763	60,233	66,249	67,220	64,100	62,982	<sup>2</sup> 66,224
New Hampshire .....	7,016	7,441	<sup>1</sup> 7,450	8,564	8,675	9,360	8,775	9,624	9,600
New Jersey .....	68,668	72,140	76,260	79,347	79,156	80,448	80,410	<sup>3</sup> 80,010	78,701
New York .....	171,896	177,066	180,071	185,368	186,386	188,961	180,880	172,102	174,991
Pennsylvania .....	106,104	108,772	109,035	111,682	113,089	115,668	116,255	114,425	112,956
Rhode Island .....	8,455	8,988	9,226	9,484	9,426	9,329	9,196	9,162	9,112
Vermont .....	5,220	5,750	6,169	6,192	6,262	6,224	6,421	<sup>1</sup> 6,314	<sup>2</sup> 6,170
<b>Midwest</b> .....	<b>580,273</b>	<b>588,613</b>	<b>575,252</b>	<b>583,975</b>	<b>589,388</b>	<b>588,143</b>	<b>600,460</b>	<b>592,662</b>	<b>591,924</b>
Illinois .....	106,650	111,827	<sup>2</sup> 110,000	109,824	110,831	112,749	113,589	<sup>1</sup> 110,500	<sup>2</sup> 107,000
Indiana .....	50,421	50,421	52,297	<sup>2</sup> 52,400	52,046	49,302	53,088	53,089	<sup>4</sup> 52,649
Iowa .....	33,073	32,659	32,494	32,749	32,708	32,715	33,100	33,334	33,331
Kansas .....	25,585	25,884	24,743	<sup>2</sup> 25,360	25,529	25,573	25,668	25,633	25,613
Michigan .....	93,417	93,000	89,236	89,969	91,429	90,481	89,847	87,999	87,452
Minnesota .....	41,965	43,809	44,535	43,944	43,621	43,817	44,779	45,024	44,631
Missouri .....	47,685	48,286	43,872	45,414	46,680	47,391	49,283	48,563	49,618
Nebraska .....	17,010	17,230	16,642	<sup>2</sup> 16,999	17,289	17,367	17,852	17,943	17,943
North Dakota .....	7,664	7,659	7,490	7,454	7,569	7,577	7,594	7,551	7,389
Ohio .....	100,905	104,680	100,776	103,487	105,127	104,512	105,875	105,588	105,286
South Dakota .....	8,902	8,698	8,269	8,253	8,127	8,118	8,083	8,163	8,072
Wisconsin .....	46,996	44,460	44,898	48,122	48,432	48,541	51,847	49,366	52,940
<b>South</b> .....	<b>621,597</b>	<b>639,788</b>	<b>637,080</b>	<b>651,600</b>	<b>663,365</b>	<b>680,212</b>	<b>702,402</b>	<b>707,553</b>	<b>720,142</b>
Alabama .....	34,263	33,026	33,172	33,730	34,234	35,380	36,675	<sup>1</sup> 37,259	<sup>2</sup> 37,980
Arkansas .....	19,610	21,122	20,305	20,611	20,053	20,678	21,256	21,821	22,463
Delaware .....	5,729	6,034	6,220	6,220	6,280	6,349	6,335	6,235	6,029
District of Columbia .....	7,403	7,486	6,529	6,561	6,580	6,928	6,642	6,057	6,022
Florida .....	61,217	62,419	63,245	66,563	67,532	70,842	72,836	73,505	70,598
Georgia .....	42,956	44,007	44,732	44,536	45,375	46,446	47,382	46,451	52,920
Kentucky .....	29,326	30,180	31,020	31,465	31,412	31,755	31,962	<sup>3</sup> 32,300	<sup>2</sup> 32,860
Louisiana .....	36,062	36,469	37,203	41,837	41,884	42,132	41,054	40,428	<sup>2</sup> 40,794
Maryland .....	40,682	40,810	41,998	41,681	42,793	42,802	42,378	42,891	42,637
Mississippi .....	22,629	22,533	22,849	23,329	23,472	23,580	23,881	24,130	24,831
North Carolina .....	51,562	49,565	49,402	49,571	51,277	51,221	52,379	52,906	53,836
Oklahoma .....	28,391	28,184	27,515	27,401	27,611	28,986	29,762	30,405	31,177
South Carolina .....	27,325	28,578	25,729	26,957	26,960	27,804	28,695	30,917	29,666
Tennessee .....	34,250	35,450	36,089	36,200	37,150	39,278	39,855	40,135	40,029
Texas .....	115,282	129,440	125,050	127,237	130,517	133,759	143,390	<sup>1</sup> 142,400	147,544
Virginia .....	47,872	47,903	48,774	49,743	51,761	53,280	58,330	59,538	60,082
West Virginia .....	17,038	16,582	17,248	17,958	18,474	18,992	19,590	20,175	20,674
<b>West</b> .....	<b>349,249</b>	<b>352,393</b>	<b>362,318</b>	<b>362,981</b>	<b>367,521</b>	<b>371,492</b>	<b>380,794</b>	<b>384,834</b>	<b>389,002</b>
Alaska .....	3,514	3,821	4,087	4,142	4,046	4,090	4,577	4,475	4,915
Arizona .....	17,865	18,772	19,010	20,368	21,352	21,206	22,978	23,482	24,189
California .....	190,400	193,000	199,178	198,483	200,475	202,929	205,000	206,563	207,000
Colorado .....	23,622	24,450	24,593	25,476	26,392	26,279	28,451	29,259	29,158
Hawaii .....	7,575	7,985	8,235	8,310	7,877	7,806	7,860	7,914	7,891
Idaho .....	7,967	8,047	8,024	7,664	8,263	8,563	9,009	9,277	9,561
Montana .....	8,452	8,406	8,480	8,875	8,903	9,015	9,057	9,580	9,650
Nevada .....	4,967	4,967	5,329	5,411	5,571	5,616	5,750	5,995	6,391
New Mexico .....	11,771	11,620	12,272	12,320	12,520	12,651	12,883	12,887	13,832
Oregon .....	23,681	21,641	22,831	22,216	22,250	22,300	23,808	23,942	24,312
Utah .....	11,784	11,736	12,127	12,248	12,320	12,468	12,521	12,779	12,871
Washington .....	33,200	33,380	<sup>2</sup> 33,480	32,733	32,689	33,584	33,698	<sup>1</sup> 33,690	<sup>2</sup> 33,691
Wyoming .....	4,451	4,568	4,672	4,735	4,863	4,985	5,207	4,991	5,541
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	425	400	400	400	623	666	342	278	488
Guam .....	971	1,048	1,142	1,183	1,247	1,326	1,229	1,294	1,294
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	21,492	23,142	23,820	24,552	25,439	25,000	25,796	24,761	24,761
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	980	1,023	1,135	1,341	1,408	1,361	1,421

--Data not available or applicable.

<sup>1</sup> National total includes estimates for nonreporting states.

<sup>2</sup> Data estimated by reporting state.

<sup>3</sup> Data estimated by NCES.

**Table 7.—Teachers in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
2,206,803	2,184,877	2,184,216	<sup>1</sup> 2,127,402	2,132,792	2,138,821	2,167,950	2,205,987	<sup>1</sup> 2,243,579	2,279,241
488,226	488,259	477,260	472,212	462,377	461,833	465,829	470,793	479,107	486,602
35,739	35,225	34,584	33,723	32,760	32,317	32,618	32,903	34,252	35,050
13,878	10,748	11,775	<sup>1</sup> 12,000	12,910	13,492	13,261	14,226	13,685	14,204
66,962	69,313	64,987	62,227	56,498	56,873	56,504	56,845	58,066	59,517
8,874	9,425	8,448	9,729	9,758	9,821	10,065	10,104	10,300	10,363
<sup>2</sup> 78,000	77,429	76,350	75,231	74,303	73,593	73,774	74,236	75,558	78,335
158,146	158,621	155,320	157,201	157,250	158,440	163,044	165,573	168,940	170,236
110,833	111,615	109,928	107,103	103,855	102,207	101,484	101,665	102,993	103,307
9,314	9,255	9,192	8,895	8,854	8,848	8,752	8,844	8,916	8,934
6,480	<sup>2</sup> 6,628	6,476	6,103	6,189	6,242	6,327	6,397	<sup>1</sup> 6,397	6,656
591,407	583,039	578,824	557,728	551,098	551,857	559,365	563,335	568,007	569,838
112,904	107,211	108,064	103,793	104,619	102,130	102,013	102,657	104,609	105,217
53,657	53,426	53,099	51,303	50,528	50,509	51,308	51,976	52,896	53,749
33,511	32,911	32,745	31,244	32,110	31,779	31,882	31,770	30,958	30,873
26,812	26,184	26,366	26,179	26,056	26,096	26,331	26,686	27,064	27,317
87,622	86,650	84,377	78,768	80,364	79,982	81,185	82,193	83,130	79,972
44,488	44,149	44,142	42,836	39,775	39,392	40,108	41,314	40,957	42,132
48,800	48,755	48,878	48,135	46,047	46,761	47,366	48,170	48,902	49,632
17,731	18,325	16,796	17,410	17,381	17,548	17,656	17,687	17,748	17,713
7,381	7,560	7,375	6,995	7,071	7,067	7,794	7,796	7,779	7,632
102,645	101,482	100,527	96,449	94,126	96,927	98,061	98,264	98,894	99,708
8,179	8,122	7,964	7,964	7,974	8,355	8,579	8,340	8,031	8,172
47,677	48,264	48,491	46,652	45,047	45,311	47,082	46,482	47,039	47,721
733,640	731,317	746,954	735,832	755,934	760,227	770,577	788,965	803,831	820,648
40,771	31,967	36,172	<sup>1</sup> 36,000	35,619	35,875	36,647	36,138	36,971	37,716
23,112	23,851	24,078	23,497	23,713	23,696	23,985	24,767	24,944	25,572
6,014	6,021	5,626	5,331	5,409	5,429	5,577	5,745	5,883	5,951
5,964	5,946	5,238	5,132	5,355	5,569	5,889	6,137	5,984	6,232
71,856	71,853	73,983	74,872	83,301	85,028	86,264	88,973	91,969	95,857
53,000	52,292	56,514	56,217	56,510	56,555	56,294	57,374	57,881	62,280
32,835	32,959	32,892	31,666	32,237	32,458	32,850	33,506	34,507	35,239
41,756	44,688	43,930	39,967	42,697	42,200	42,180	42,609	42,929	42,920
42,543	41,738	40,863	39,120	37,760	37,275	38,030	38,433	39,491	40,093
25,685	25,805	25,933	24,430	25,176	24,955	25,388	26,102	26,219	26,930
55,309	56,369	56,222	55,833	55,261	55,126	56,084	57,638	58,103	59,771
32,136	33,210	33,901	33,904	34,960	34,999	34,894	35,752	35,041	34,515
30,022	31,658	32,214	32,007	32,244	32,323	33,764	34,645	35,349	35,701
41,220	40,978	41,162	40,875	39,660	39,409	39,636	40,023	41,103	42,082
154,913	153,727	159,531	159,640	167,835	170,439	172,865	181,051	186,385	187,159
56,739	56,868	57,027	55,471	56,038	56,388	57,498	57,339	58,141	59,928
19,765	21,387	21,668	21,870	22,159	22,503	22,732	22,733	22,931	22,702
393,530	382,262	381,178	361,630	363,383	364,904	372,179	382,894	392,634	402,153
5,057	5,130	5,225	5,665	5,710	6,259	6,127	6,814	6,448	6,113
25,654	26,205	25,713	25,601	26,190	26,268	26,900	27,935	29,104	30,707
207,000	194,237	193,846	175,000	174,674	174,290	178,310	184,151	190,484	195,864
29,461	29,675	29,840	29,462	29,375	28,417	28,824	29,894	30,704	31,168
7,940	7,207	7,185	7,165	7,077	7,007	7,078	7,276	7,291	7,684
9,830	9,697	9,938	9,798	9,790	9,847	10,147	10,255	10,234	10,258
9,682	9,521	9,370	9,310	9,517	9,479	9,597	9,705	9,818	9,659
6,294	6,986	7,129	7,180	7,222	7,366	7,496	7,751	7,908	8,348
13,909	14,144	14,089	14,296	14,323	14,532	14,538	14,781	14,876	15,175
24,579	24,780	22,596	22,480	24,074	24,409	24,444	24,605	24,615	24,911
13,425	13,974	14,372	14,463	14,616	15,245	15,821	16,229	16,886	17,124
34,893	35,498	35,514	34,576	34,056	34,757	35,705	36,202	37,065	38,344
5,806	5,208	6,361	6,634	6,759	7,028	7,191	7,296	7,201	6,798
—	—	—	—	—	—	—	—	—	—
—	—	559	—	—	—	—	—	623	656
—	1,248	1,466	—	1,330	1,334	—	1,329	1,430	1,407
—	236	—	—	—	258	310	—	—	305
32,048	—	31,964	—	32,845	32,247	32,520	32,683	32,361	33,069
—	—	—	—	—	—	—	—	—	—
1,660	1,479	1,567	—	1,647	2,281	1,665	1,631	1,606	1,590

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.

Table 7.—Teachers in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989—Continued

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>2,323,213</b>	<b>2,355,963</b>	<b>16.8</b>	<b>8.4</b>	<b>7.8</b>	<b>7.4</b>	<b>0.9</b>	<b>-0.8</b>	<b>8.7</b>
<b>Northeast</b> .....	<b>493,557</b>	<b>495,969</b>	<b>6.6</b>	<b>5.0</b>	<b>1.6</b>	<b>12.8</b>	<b>-6.9</b>	<b>-4.6</b>	<b>6.5</b>
Connecticut .....	35,502	35,308	13.3	13.1	0.2	13.9	-0.7	-7.4	8.2
Maine .....	14,593	15,206	25.7	-11.1	41.5	-0.7	-10.6	23.4	14.7
Massachusetts .....	60,068	59,040	8.3	27.1	-14.8	23.3	3.1	-18.5	4.5
New Hampshire .....	10,442	10,572	50.7	34.3	12.2	33.4	0.7	6.8	5.0
New Jersey .....	79,698	79,597	15.9	12.8	2.8	17.2	-3.8	-4.7	7.9
New York .....	172,807	174,610	1.6	-7.7	10.1	9.9	-16.1	2.8	7.1
Pennsylvania .....	104,379	105,415	-0.6	5.2	-5.6	9.0	-3.5	-9.1	3.9
Rhode Island .....	9,216	9,369	10.8	9.5	1.2	10.3	-0.8	-5.4	7.0
Vermont .....	6,852	6,852	31.3	27.0	3.4	19.2	6.5	-4.5	8.3
<b>Midwest</b> .....	<b>574,421</b>	<b>579,717</b>	<b>-0.1</b>	<b>0.5</b>	<b>-0.6</b>	<b>1.4</b>	<b>-0.9</b>	<b>-4.1</b>	<b>3.6</b>
Illinois .....	105,097	106,183	-0.4	0.5	-1.0	5.7	-4.9	-4.8	4.1
Indiana .....	54,029	54,486	8.1	6.0	2.0	-2.2	8.4	-4.0	6.2
Iowa .....	30,327	30,423	-8.0	-0.5	-7.6	-1.1	0.6	-3.1	-4.6
Kansas .....	28,122	28,727	12.3	2.3	9.7	0.0	2.4	0.6	9.1
Michigan .....	79,847	80,150	-14.2	-7.2	-7.5	-3.1	-4.2	-6.3	-1.3
Minnesota .....	42,750	43,101	2.7	5.2	-2.4	4.4	0.8	-9.2	7.5
Missouri .....	50,693	51,227	7.4	2.2	5.1	-0.6	2.9	-2.8	8.2
Nebraska .....	18,003	18,464	8.5	7.7	0.8	2.1	5.5	-3.7	4.6
North Dakota .....	7,731	7,809	1.9	-1.4	3.3	-1.1	-0.2	3.1	0.2
Ohio .....	101,621	101,627	0.7	0.6	0.1	3.6	-2.9	-3.4	3.5
South Dakota .....	8,260	8,191	-8.0	-8.8	0.8	-8.8	0.0	5.6	-4.5
Wisconsin .....	48,541	49,329	5.0	2.7	2.2	3.3	-0.6	-2.4	4.8
<b>South</b> .....	<b>841,127</b>	<b>852,260</b>	<b>37.1</b>	<b>17.7</b>	<b>16.5</b>	<b>9.4</b>	<b>7.5</b>	<b>5.4</b>	<b>10.6</b>
Alabama .....	38,845	39,928	16.5	-6.7	24.9	3.3	-9.6	14.6	9.0
Arkansas .....	27,730	25,585	30.5	21.6	7.3	5.4	15.3	0.6	6.7
Delaware .....	5,898	5,968	4.2	5.1	-0.9	10.8	-5.2	-7.4	7.0
District of Columbia .....	5,936	6,055	-18.2	-19.7	1.8	-6.4	-14.2	-1.0	2.8
Florida .....	100,370	104,127	70.1	17.4	44.9	15.7	1.4	20.1	20.7
Georgia .....	59,916	61,487	43.1	21.7	17.6	8.1	12.6	7.7	9.2
Kentucky .....	35,788	35,731	21.8	12.4	8.4	8.3	3.3	-0.3	8.8
Louisiana .....	43,203	43,002	19.2	23.9	-3.8	16.8	6.1	-5.6	1.9
Maryland .....	40,899	41,646	2.4	2.6	-0.2	5.2	-2.5	-8.9	9.5
Mississippi .....	27,283	27,591	21.9	14.0	6.9	4.2	9.4	-1.6	8.7
North Carolina .....	61,933	63,160	22.5	9.3	12.0	-0.7	10.1	-0.5	12.6
Oklahoma .....	35,116	35,631	25.5	17.0	7.3	2.1	14.6	5.1	2.1
South Carolina .....	35,877	36,337	33.0	15.9	14.8	1.8	13.9	6.7	7.6
Tennessee .....	42,657	42,824	25.0	19.6	4.5	14.7	4.3	-3.3	8.0
Texas .....	196,616	199,397	73.0	33.3	29.7	16.0	14.9	12.4	15.3
Virginia .....	60,883	62,138	29.8	18.8	9.3	11.3	6.7	1.1	8.1
West Virginia .....	22,177	21,653	27.1	25.5	1.2	11.5	12.6	6.3	-4.7
<b>West</b> .....	<b>414,108</b>	<b>428,017</b>	<b>22.6</b>	<b>9.5</b>	<b>12.0</b>	<b>6.4</b>	<b>2.9</b>	<b>-2.6</b>	<b>15.0</b>
Alaska .....	6,272	6,492	84.7	46.0	26.5	16.4	25.4	19.4	6.0
Arizona .....	31,617	32,134	79.9	46.7	22.6	18.7	23.6	2.7	19.5
California .....	203,342	212,687	11.7	2.0	9.5	6.6	-4.3	-8.2	19.3
Colorado .....	31,398	31,954	35.3	25.6	7.7	11.2	12.9	-2.9	10.9
Hawaii .....	8,737	8,866	17.6	-4.9	23.0	3.0	-7.7	-1.8	25.3
Idaho .....	10,425	10,715	34.5	21.7	10.5	7.5	13.2	4.6	5.6
Montana .....	9,626	9,627	13.9	12.6	1.1	6.7	5.6	0.8	0.3
Nevada .....	8,699	9,175	84.7	40.6	31.3	13.1	24.4	7.3	22.4
New Mexico .....	15,770	16,150	37.2	20.2	14.2	7.5	11.8	2.8	11.1
Oregon .....	25,147	25,650	8.2	4.6	3.4	-5.8	11.1	-1.4	4.9
Utah .....	17,602	17,611	49.4	18.6	26.0	5.8	12.1	13.2	11.3
Washington .....	38,780	40,279	11.3	6.9	13.5	1.2	5.7	0.6	12.8
Wyoming .....	6,693	6,697	50.5	17.0	28.6	12.0	4.5	38.1	-6.9
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	674	659	55.1	—	—	56.7	—	—	—
Guam .....	1,403	1,622	67.0	28.5	30.0	36.6	-5.9	—	—
Northern Marianas .....	334	358	—	—	51.7	—	—	31.4	15.5
Puerto Rico .....	33,357	33,427	55.5	—	—	16.3	—	—	2.8
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	1,597	1,595	—	—	7.8	—	10.3	12.6	-4.2

Chart 7a. — Percentage change in public elementary and secondary school teachers, by state: Fall 1969 to fall 1989

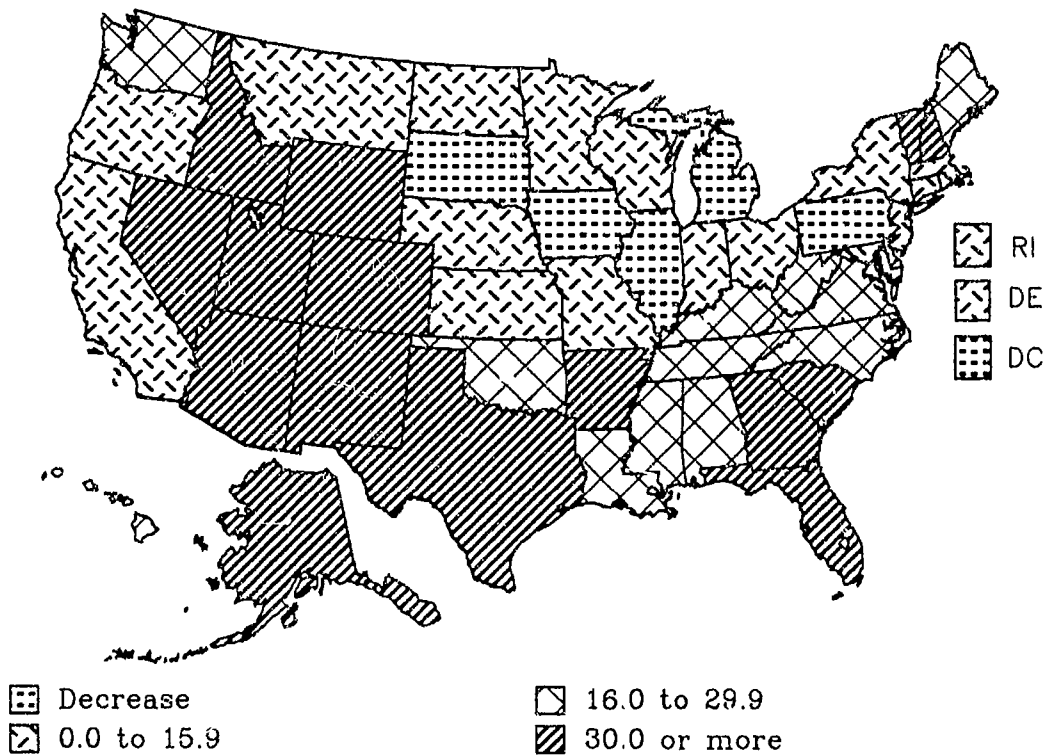
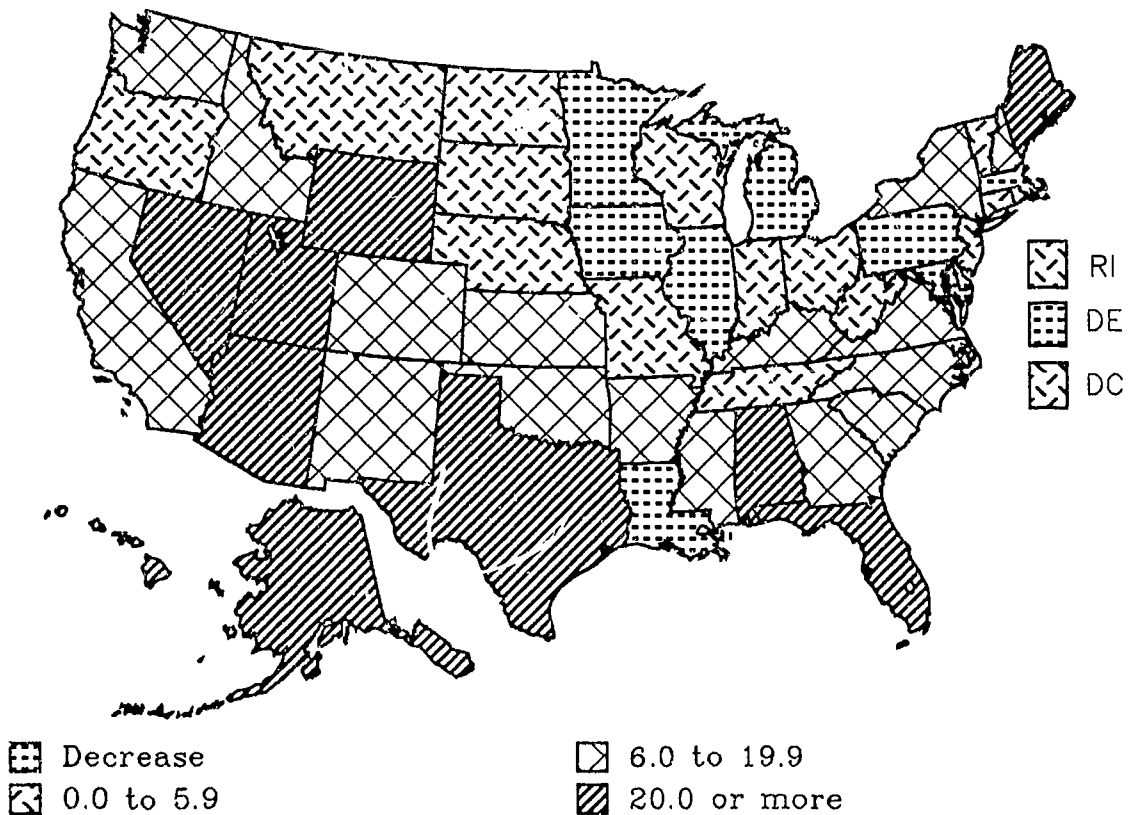


Chart 7b. — Percentage change in public elementary and secondary school teachers, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.

**Table 8.—Pupil/teacher ratio in public elementary and secondary schools by region and state:  
Fall 1969 to fall 1989**

Region and state	Fall 1969	Fall 1970	Fall 1971	Fall 1972	Fall 1973	Fall 1974	Fall 1975	Fall 1976	Fall 1977
<b>United States</b> .....	<b>22.6</b>	<b>22.3</b>	<b>22.3</b>	<b>21.7</b>	<b>21.3</b>	<b>20.8</b>	<b>20.4</b>	<b>20.2</b>	<b>19.7</b>
<b>Northeast</b> .....	<b>20.9</b>	<b>20.6</b>	<b>20.4</b>	<b>19.6</b>	<b>19.1</b>	<b>18.6</b>	<b>18.8</b>	<b>18.8</b>	<b>18.0</b>
Connecticut .....	20.7	21.1	19.7	19.5	19.2	18.6	18.3	17.5	16.9
Maine .....	19.9	21.9	21.6	20.5	21.1	20.9	20.4	18.8	18.3
Massachusetts .....	21.1	21.1	21.8	20.0	18.2	18.0	18.7	18.6	16.9
New Hampshire .....	21.7	21.3	22.0	19.6	19.8	18.4	19.9	18.2	18.2
New Jersey .....	21.2	20.5	19.6	19.0	18.7	18.2	18.1	17.8	17.6
New York .....	20.0	19.7	19.7	18.9	18.6	18.2	18.9	19.4	18.4
Pennsylvania .....	22.1	21.7	21.7	21.1	20.5	19.7	19.3	19.2	18.8
Rhode Island .....	21.3	20.9	20.7	20.0	19.6	19.2	19.2	18.8	18.3
Vermont .....	19.1	17.9	17.1	17.2	17.0	16.9	16.3	16.5	16.7
<b>Midwest</b> .....	<b>22.2</b>	<b>22.0</b>	<b>22.5</b>	<b>22.0</b>	<b>21.5</b>	<b>21.3</b>	<b>20.5</b>	<b>20.4</b>	<b>19.9</b>
Illinois .....	21.8	21.1	21.6	21.4	20.9	20.4	20.0	20.3	20.3
Indiana .....	24.3	24.4	23.5	23.3	23.2	24.1	22.1	21.9	21.7
Iowa .....	20.0	20.2	20.1	19.7	19.3	18.9	18.5	18.2	17.7
Kansas .....	20.3	19.8	20.4	19.4	18.8	18.4	18.1	17.9	17.4
Michigan .....	22.9	23.1	24.5	24.1	23.2	23.6	23.1	23.1	22.5
Minnesota .....	21.8	21.0	20.5	20.7	20.6	20.3	19.7	19.2	18.7
Missouri .....	22.6	21.5	23.3	22.7	21.8	21.1	19.6	19.6	18.8
Nebraska .....	19.5	19.1	20.0	19.4	18.7	18.4	17.8	17.5	17.1
North Dakota .....	19.3	19.2	19.3	19.0	18.3	17.6	17.3	17.1	16.9
Ohio .....	24.0	23.2	24.2	23.4	22.6	22.3	21.7	21.3	20.7
South Dakota .....	18.7	19.1	20.0	19.7	19.4	18.9	18.7	18.1	17.8
Wisconsin .....	20.9	22.4	22.3	20.7	20.4	20.1	18.6	19.1	17.3
<b>South</b> .....	<b>23.6</b>	<b>23.1</b>	<b>23.2</b>	<b>22.5</b>	<b>22.1</b>	<b>21.5</b>	<b>20.9</b>	<b>20.6</b>	<b>20.2</b>
Alabama .....	24.1	24.4	24.3	23.2	22.5	21.6	20.7	20.2	20.1
Arkansas .....	23.5	21.9	22.7	22.4	22.4	22.0	21.5	21.1	20.4
Delaware .....	22.8	22.0	21.7	21.6	21.2	20.6	20.1	19.6	19.6
District of Columbia .....	20.1	19.5	21.8	21.3	20.7	19.0	19.6	20.8	19.9
Florida .....	23.0	22.9	23.4	22.8	22.8	22.0	21.3	20.9	21.8
Georgia .....	25.9	25.0	24.4	24.5	23.9	23.3	23.0	23.6	20.6
Kentucky .....	24.0	23.8	23.2	22.7	22.6	22.1	21.6	21.5	21.2
Louisiana .....	23.7	23.1	22.9	20.2	20.1	20.0	20.6	20.8	20.6
Maryland .....	21.9	22.5	22.0	22.1	21.3	20.9	20.8	20.1	19.6
Mississippi .....	25.4	23.7	23.2	22.6	22.1	21.8	21.5	21.1	20.2
North Carolina .....	23.0	24.1	23.8	23.4	22.9	23.0	22.6	22.5	22.0
Oklahoma .....	21.6	22.2	22.7	22.2	21.8	20.6	20.0	19.7	19.1
South Carolina .....	23.7	22.3	25.2	23.1	23.3	22.6	21.9	20.1	20.9
Tennessee .....	26.0	25.4	24.9	24.6	24.3	22.2	22.0	21.0	21.9
Texas .....	23.9	21.9	22.5	21.5	21.3	20.8	19.6	19.8	19.3
Virginia .....	22.5	22.5	22.0	21.5	21.0	20.5	18.9	18.5	18.0
West Virginia .....	23.6	24.1	23.4	22.8	22.1	21.3	20.6	20.1	19.4
<b>West</b> .....	<b>23.6</b>	<b>23.7</b>	<b>23.1</b>	<b>22.8</b>	<b>22.5</b>	<b>22.0</b>	<b>21.5</b>	<b>21.2</b>	<b>20.8</b>
Alaska .....	21.9	20.9	20.6	20.6	20.4	21.2	19.5	20.4	18.4
Arizona .....	23.4	23.4	24.4	25.8	24.4	23.0	21.5	21.4	21.2
California .....	24.1	24.0	23.1	22.7	22.2	21.8	21.6	21.2	20.8
Colorado .....	22.8	22.5	23.0	22.5	21.7	21.6	20.0	19.3	19.3
Hawaii .....	23.6	22.6	22.3	21.9	22.7	22.7	22.4	22.1	21.8
Idaho .....	22.6	22.7	23.1	24.1	22.9	21.9	21.8	21.6	21.1
Montana .....	20.7	21.0	21.0	20.3	19.5	19.1	19.0	17.8	17.5
Nevada .....	24.9	25.7	24.4	24.3	24.3	24.4	24.3	23.7	22.4
New Mexico .....	23.5	24.2	23.2	23.1	22.6	22.3	21.3	22.1	20.4
Oregon .....	20.2	22.2	21.0	21.2	21.4	21.4	20.1	19.8	19.5
Utah .....	25.7	25.9	25.2	25.0	24.8	24.6	24.7	24.6	24.7
Washington .....	24.7	24.5	24.0	24.2	24.1	23.4	23.3	23.2	23.0
Wyoming .....	19.4	19.0	18.5	18.2	17.6	17.4	16.9	18.2	16.7
<b>Outlying Areas</b> .....	—	—	—	—	—	—	—	—	—
American Samoa .....	20.7	—	20.0	20.4	16.5	15.3	29.6	26.3	19.0
Guam .....	22.4	23.6	22.8	22.8	21.9	21.3	23.3	22.1	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	31.3	29.7	29.3	29.0	28.0	—	27.0	27.8	—
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	19.2	20.4	19.4	17.4	17.4	18.4	18.0

—Data not available or applicable.

**Table 8.—Pupil/teacher ratio in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
19.3	19.1	18.7	18.8	18.6	18.4	18.1	17.9	17.7	17.6
18.1	17.4	17.2	16.7	16.6	16.3	15.9	15.5	15.2	14.9
16.6	16.1	15.4	15.0	14.8	14.8	14.4	14.0	13.7	13.3
17.3	21.2	18.9	18.0	16.4	15.5	15.7	14.5	15.5	14.9
16.2	14.9	15.7	15.2	16.1	15.5	15.2	14.9	14.4	13.9
19.4	18.1	19.8	16.8	16.4	16.2	15.8	15.9	15.9	16.0
17.1	16.6	16.3	15.9	15.8	15.6	15.3	15.0	14.7	14.0
19.6	18.7	18.5	17.7	17.3	16.9	16.2	15.8	15.4	15.2
18.5	17.6	17.4	17.2	17.2	17.0	16.8	16.6	16.3	16.2
17.3	16.7	16.2	16.1	15.8	15.4	15.4	15.1	15.1	15.1
15.6	14.8	14.8	15.3	14.8	14.5	14.2	14.1	14.4	13.9
19.1	18.9	18.5	18.6	18.4	18.1	17.7	17.5	17.4	17.3
18.1	19.1	18.4	18.5	18.0	18.1	18.0	17.8	17.4	17.2
20.7	20.3	19.9	20.0	19.8	19.5	19.0	18.6	18.3	17.9
17.0	16.7	16.3	16.5	15.7	15.6	15.4	15.3	15.5	15.6
15.2	16.2	15.8	15.7	15.6	15.5	15.4	15.4	15.4	15.4
21.8	21.5	21.3	21.9	20.8	20.5	19.8	19.5	19.2	19.9
18.2	17.6	17.1	17.1	16.0	17.9	17.5	17.1	17.4	17.1
18.4	17.9	17.3	17.0	17.4	17.0	16.8	16.5	16.4	16.2
16.8	15.7	16.7	15.7	15.5	15.2	15.0	15.0	15.1	15.1
16.5	15.6	15.8	16.8	16.6	16.6	15.2	15.2	15.3	15.6
20.5	20.0	19.5	19.7	19.8	18.9	18.4	18.3	18.1	18.0
16.9	16.5	16.1	15.8	15.5	14.7	14.4	14.9	15.6	15.5
18.6	17.8	17.1	17.2	17.4	17.1	16.3	16.5	16.3	16.2
19.7	19.5	18.9	19.0	18.4	18.3	18.1	17.9	17.8	17.6
18.7	23.6	21.0	20.7	20.3	20.1	19.4	20.2	19.8	19.3
19.8	19.0	18.6	18.6	18.2	18.2	18.0	17.5	17.5	17.1
18.5	17.3	17.7	17.8	17.1	16.8	16.5	16.2	16.0	16.1
19.1	17.9	19.1	18.5	17.0	16.0	14.8	14.2	14.3	13.9
21.1	21.0	20.4	19.9	17.8	17.6	17.7	17.6	17.5	17.4
20.6	20.6	18.9	18.8	18.6	18.6	18.9	18.8	18.9	17.8
21.1	20.5	20.4	20.8	20.2	19.9	19.6	19.2	18.6	18.2
19.6	17.9	17.7	19.6	18.4	19.0	19.0	18.5	18.5	18.5
19.0	18.6	18.4	18.5	18.5	18.3	17.7	17.5	17.1	17.1
19.2	18.7	18.4	19.3	18.6	18.7	18.4	18.1	19.0	18.8
21.0	20.4	20.1	19.9	19.8	19.8	19.4	18.8	18.7	18.2
18.3	17.6	17.0	17.2	17.0	16.9	16.9	16.6	16.9	16.9
20.8	19.7	19.2	19.0	18.9	18.7	17.9	17.5	17.3	17.2
21.2	21.1	20.7	20.5	20.9	20.9	20.6	20.3	19.9	19.6
18.5	18.7	18.2	18.4	17.8	17.5	17.6	17.3	17.2	17.3
18.6	18.1	17.7	17.8	17.4	17.1	16.8	16.9	16.8	16.3
20.0	18.1	17.7	17.3	16.9	16.5	16.0	15.7	15.3	15.2
20.3	20.6	20.5	21.5	21.5	21.5	21.4	21.2	21.1	21.1
17.9	17.3	16.6	16.0	15.7	15.7	17.1	15.8	16.7	17.5
19.9	19.4	20.0	19.8	19.5	19.3	19.7	19.6	18.4	18.6
20.2	21.2	21.0	23.1	23.3	23.5	23.3	23.1	23.0	22.9
18.9	18.6	18.3	18.5	18.6	19.1	18.9	18.4	18.2	18.0
21.5	23.4	23.0	22.7	22.9	23.2	23.2	22.6	22.6	21.6
20.7	20.9	20.5	20.9	20.7	21.0	20.5	20.3	20.4	20.7
17.0	16.6	16.6	16.5	16.0	16.2	16.1	15.9	15.6	15.8
23.2	21.1	21.0	21.1	20.9	20.4	20.2	20.0	20.4	20.2
20.1	19.5	19.2	18.8	18.8	18.6	18.7	18.8	19.0	18.9
19.2	18.9	20.6	20.3	18.6	18.3	18.3	18.2	18.3	18.3
24.2	23.8	23.9	24.6	25.3	24.8	24.7	24.9	24.6	24.7
22.0	21.5	21.3	21.7	21.7	21.2	20.8	20.7	20.5	20.2
16.2	18.3	15.5	15.0	15.0	14.1	14.1	14.1	14.0	14.5
—	—	—	—	—	—	—	—	—	—
—	—	17.3	—	—	—	—	—	17.7	17.1
—	22.1	18.0	—	19.3	19.7	—	19.6	18.0	18.4
—	18.7	—	—	—	17.4	15.6	—	—	19.1
22.5	—	22.3	—	21.6	21.8	21.3	21.0	21.0	20.3
—	—	—	—	—	—	—	—	—	—
15.1	17.3	16.1	—	15.6	11.5	15.7	15.6	15.2	15.1

SOURCE: U.S. Department of Education, National Center for Education Statistics. *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.



**Table 8.—Pupil/teacher ratio in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989—Continued**

Region and state	Fall 1988	Fall 1989	Change in pupils per teacher						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	17.3	17.2	-5.4	-3.5	-1.9	-1.8	-1.8	-1.0	-0.9
<b>Northeast</b> .....	14.6	14.5	-6.4	-3.5	-2.8	-2.3	-1.2	-1.5	-1.4
Connecticut .....	13.0	13.1	-7.7	-4.7	-3.0	-2.1	-2.5	-1.7	-1.3
Maine .....	14.6	14.1	-5.8	1.3	-7.1	1.0	0.3	-5.5	-1.6
Massachusetts .....	13.7	14.0	-7.1	-6.1	-1.0	-3.0	-3.1	0.3	-1.2
New Hampshire .....	16.2	16.2	-5.5	-3.6	-1.9	-3.3	-0.3	-2.3	0.5
New Jersey .....	13.6	13.5	-7.7	-4.5	-3.1	-2.9	-1.6	-1.3	-1.8
New York .....	14.9	14.7	-5.3	-1.3	-4.0	-1.9	0.5	-2.5	-1.5
Pennsylvania .....	15.9	15.7	-6.4	-4.5	-1.9	-2.4	-2.1	-0.9	-1.1
Rhode Island .....	14.5	14.5	-6.8	-4.6	-2.2	-2.2	-2.4	-1.3	-0.9
Vermont .....	13.6	13.8	-5.3	-4.3	-1.0	-2.2	-2.1	-0.6	-0.4
<b>Midwest</b> .....	17.1	17.0	-5.2	-3.3	-1.9	-1.0	-2.4	-1.2	-0.7
Illinois .....	17.1	16.9	-4.9	-2.7	-2.1	-1.4	-1.3	-1.1	-1.1
Indiana .....	17.8	17.5	-6.8	-4.0	-2.8	-0.2	-3.8	-1.3	-1.4
Iowa .....	15.8	15.7	-4.2	-3.3	-0.9	-1.1	-2.2	-1.3	0.3
Kansas .....	15.2	15.0	-5.3	-4.1	-1.2	-1.8	-2.3	-0.8	-0.4
Michigan .....	19.8	19.7	-3.2	-1.4	-1.8	0.7	-2.2	-1.6	-0.2
Minnesota .....	17.0	17.2	-4.6	-4.2	-0.5	-1.5	-2.7	-0.1	-0.3
Missouri .....	15.9	15.8	-6.8	-4.7	-2.1	-1.5	-3.2	-1.1	-1.0
Nebraska .....	15.0	14.7	-4.8	-3.8	-1.0	-1.1	-2.7	-0.6	-0.4
North Dakota .....	15.4	15.1	-4.2	-3.7	-0.5	-1.7	-2.0	-0.3	-0.1
Ohio .....	17.6	17.4	-6.6	-4.1	-2.6	-1.7	-2.3	-1.5	-1.0
South Dakota .....	15.4	15.5	-3.2	-2.2	-0.9	0.2	-2.4	-2.1	1.2
Wisconsin .....	16.0	15.9	-5.0	-3.1	-1.9	-0.8	-2.3	-1.5	-0.4
<b>South</b> .....	17.2	17.1	-6.5	-4.1	-2.4	-2.1	-2.0	-1.4	-1.0
Alabama .....	18.7	18.1	-6.0	-0.5	-5.5	-2.5	2.0	-4.1	-1.3
Arkansas .....	15.7	17.0	-6.5	-4.5	-2.0	-1.5	-3.0	-1.0	-1.0
Delaware .....	16.4	16.4	-6.4	-5.5	-0.9	-2.2	-3.3	-0.8	-0.1
District of Columbia .....	14.3	13.4	-6.7	-2.3	-4.4	-1.1	-1.2	-3.0	-1.4
Florida .....	17.1	17.0	-6.0	-2.0	-4.0	-1.0	-1.0	-3.3	-0.6
Georgia .....	18.5	18.3	-7.6	-5.3	-2.3	-2.6	-2.7	-1.8	-0.5
Kentucky .....	17.8	17.7	-6.3	-3.5	-2.9	-1.9	-1.5	-0.9	-2.0
Louisiana .....	18.2	18.2	-5.5	-5.8	0.3	-3.7	-2.0	1.1	-0.8
Maryland .....	16.8	16.8	-5.1	-3.3	-1.9	-1.0	-2.3	-0.9	-0.9
Mississippi .....	18.4	18.2	-7.2	-6.7	-0.5	-3.6	-3.1	-0.3	-0.2
North Carolina .....	17.5	17.1	-5.9	-2.6	-3.3	0.0	-2.6	-1.0	-2.3
Oklahoma .....	16.5	16.2	-5.3	-4.0	-1.3	-1.0	-3.0	-0.7	-0.7
South Carolina .....	17.2	17.0	-6.8	-4.0	-2.8	-1.2	-2.8	-1.9	-0.9
Tennessee .....	19.3	19.1	-6.9	-4.9	-2.0	-3.8	-1.1	-0.5	-1.5
Texas .....	16.7	16.7	-7.2	-5.2	-2.0	-3.1	-2.1	-1.1	-0.9
Virginia .....	16.1	15.9	-6.6	-4.4	-2.3	-2.0	-2.4	-1.3	-0.9
West Virginia .....	15.1	15.1	-8.4	-5.4	-3.0	-2.3	-3.2	-2.2	-0.8
<b>West</b> .....	20.9	20.8	-2.9	-3.0	0.1	-1.6	-1.4	0.8	-0.6
Alaska .....	17.0	16.8	-5.0	-4.6	-0.4	-0.7	-3.9	-0.2	-0.2
Arizona .....	18.2	18.9	-4.5	-4.0	-0.5	-0.4	-3.5	0.3	-0.8
California .....	22.7	22.4	-1.7	-2.9	1.2	-2.3	-0.6	2.1	-0.8
Colorado .....	17.8	17.6	-5.2	-4.2	-0.9	-1.2	-3.1	0.4	-1.3
Hawaii .....	19.2	19.1	-4.4	-0.2	-4.3	-0.9	0.7	-0.3	-4.0
Idaho .....	20.6	20.1	-2.5	-1.7	-0.9	-0.7	-1.0	-0.4	-0.4
Montana .....	15.8	15.7	-5.0	-4.1	-0.9	-1.6	-2.5	-0.5	-0.4
Nevada .....	20.3	20.4	-4.5	-3.7	-0.8	-0.5	-3.3	-0.9	0.1
New Mexico .....	18.5	18.3	-5.1	-4.0	-1.2	-1.2	-2.8	-0.7	-0.4
Oregon .....	18.4	18.4	-1.8	-1.4	-0.4	1.1	-2.5	-0.6	0.1
Utah .....	24.5	24.8	-0.8	-1.8	1.0	-1.1	-0.7	0.8	0.2
Washington .....	20.4	20.1	-4.6	-3.2	-1.4	-1.3	-1.8	-0.8	-0.6
Wyoming .....	14.6	14.5	-4.9	-1.1	-3.8	-2.1	1.0	-4.2	0.4
<b>Outlying Areas</b> .....	—	—	—	—	—	—	—	—	—
American Samoa .....	17.5	18.6	-2.1	—	—	-5.4	—	—	—
Guam .....	18.6	16.3	-6.0	-0.3	-5.8	-1.1	0.8	—	—
Northern Marianas .....	18.2	17.0	—	—	-1.6	—	—	-3.1	1.4
Puerto Rico .....	19.8	19.5	-11.8	—	—	—	—	—	-1.8
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	14.7	13.3	—	—	-4.0	—	-0.1	-1.6	-2.4

Chart 8a. — Percentage change in pupils per teacher in public elementary and secondary schools, by state: Fall 1969 to fall 1989

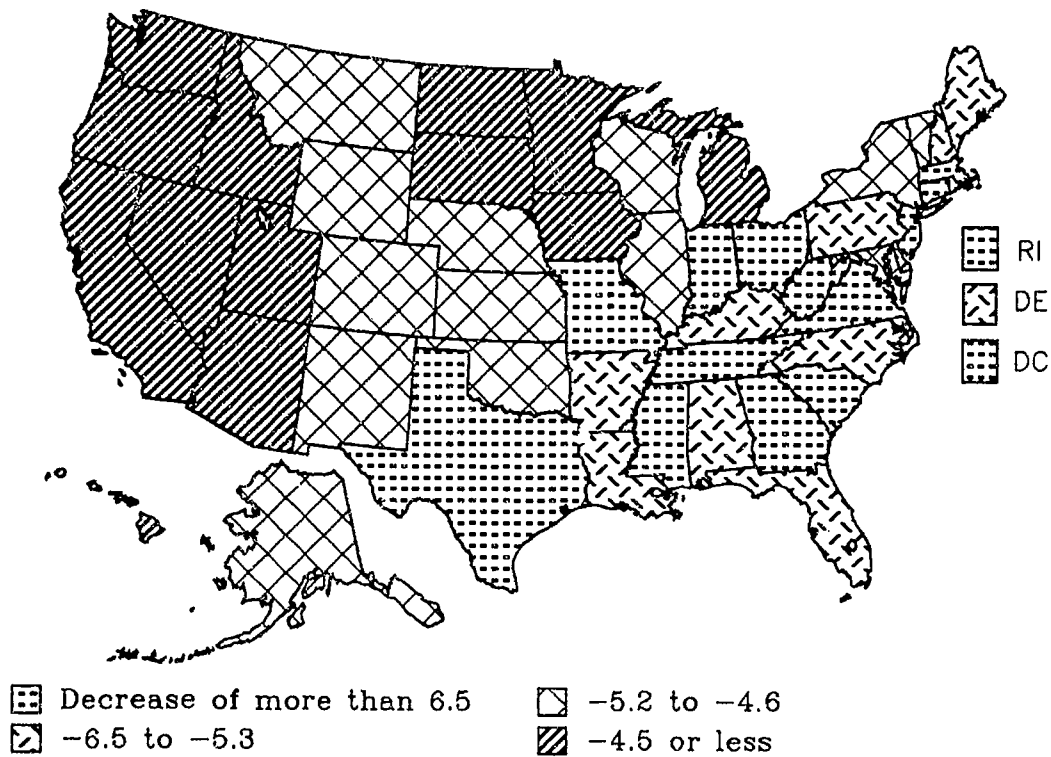
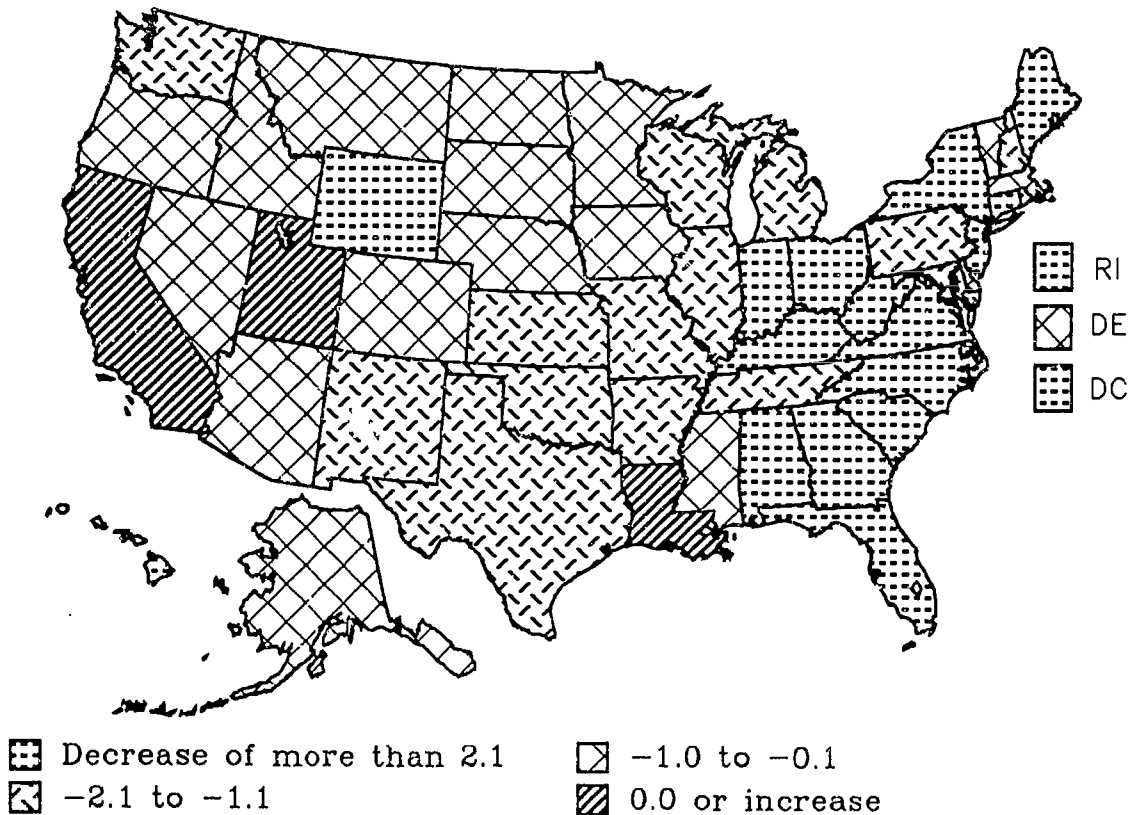


Chart 8b. — Percentage change in pupils per teacher in public elementary and secondary schools, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, various years; and Common Core of Data surveys.

**Table 9.—Staff employed in public elementary and secondary schools,  
by region and state: Fall 1969 to fall 1989**

Region and state	Fall 1969	Fall 1970 <sup>1</sup>	Fall 1971	Fall 1972	Fall 1973	Fall 1974	Fall 1975	Fall 1976	Fall 1977
<b>United States</b> .....	<b>3,294,479</b>	<b>3,444,315</b>	<b>3,547,502</b>	<b>3,562,968</b>	<b>3,656,551</b>	<b>3,745,000</b>	<b>3,876,097</b>	<b>3,884,000</b>	<b>3,912,449</b>
<b>Northeast</b> .....	<b>761,254</b>	<b>789,253</b>	<b>812,344</b>	<b>814,592</b>	<b>843,330</b>	<b>832,681</b>	<b>882,277</b>	<b>855,910</b>	<b>836,604</b>
Connecticut .....	36,510	36,900	40,072	39,973	<sup>3</sup> 40,145	40,889	<sup>4</sup> 43,320	<sup>4</sup> 40,786	<sup>4</sup> 41,181
Maine .....	17,838	16,841	17,581	13,676	15,057	15,926	17,712	<sup>5</sup> 17,173	17,496
Massachusetts .....	82,434	88,769	92,915	98,438	<sup>6</sup> 112,454	112,112	<sup>6</sup> 112,475	<sup>6</sup> 113,193	<sup>6</sup> 114,728
New Hampshire .....	10,568	11,529	11,879	12,915	10,462	12,555	12,651	13,945	13,997
New Jersey .....	111,063	114,437	119,123	<sup>1</sup> 124,851	130,578	<sup>1</sup> 130,702	<sup>1</sup> 135,269	<sup>1</sup> 135,217	<sup>1</sup> 134,061
New York .....	301,394	312,437	319,244	<sup>7</sup> 306,138	<sup>7</sup> 311,996	299,080	<sup>7</sup> 327,660	<sup>7</sup> 304,750	<sup>7</sup> 287,610
Pennsylvania .....	177,647	183,964	187,122	193,329	197,163	<sup>8</sup> 196,000	207,677	204,250	<sup>8</sup> 200,949
Rhode Island .....	13,890	14,516	14,714	15,106	15,016	14,985	16,335	15,246	15,024
Vermont .....	9,910	9,861	9,694	10,166	10,459	10,432	<b>10,878</b>	11,350	<sup>9</sup> 11,558
<b>Midwest</b> .....	<b>922,711</b>	<b>958,785</b>	<b>963,605</b>	<b>1,016,948</b>	<b>1,032,987</b>	<b>1,043,434</b>	<b>1,066,909</b>	<b>1,061,970</b>	<b>1,060,182</b>
Illinois .....	162,106	166,763	161,024	190,892	191,556	196,337	198,442	<sup>10</sup> 194,440	<sup>10</sup> 190,138
Indiana .....	78,984	84,365	94,052	<sup>11</sup> 96,285	<sup>11</sup> 96,221	<sup>11</sup> 86,433	<sup>11</sup> 90,333	92,460	<sup>12</sup> 94,233
Iowa .....	55,576	54,569	53,867	52,876	51,398	52,395	61,182	61,264	62,021
Kansas .....	43,673	45,018	43,828	<sup>13</sup> 43,558	44,707	45,361	<sup>14</sup> 44,729	45,092	45,593
Michigan .....	150,984	157,181	158,123	166,279	170,340	173,637	178,204	175,770	174,823
Minnesota .....	71,581	73,203	73,033	73,457	76,441	78,217	79,130	79,181	77,427
Missouri .....	74,543	82,274	82,766	82,814	85,055	87,202	90,019	85,803	86,170
Nebraska .....	26,368	27,877	28,147	<sup>15</sup> 31,380	29,152	29,715	30,321	30,820	31,429
North Dakota .....	12,303	12,067	11,544	12,067	12,595	12,788	12,657	12,726	12,784
Ohio .....	156,599	165,956	163,428	177,264	182,500	183,374	186,392	186,205	186,165
South Dakota .....	13,389	13,994	14,238	13,816	14,113	14,427	<b>14,065</b>	14,424	14,219
Wisconsin .....	76,605	75,518	79,555	76,260	78,909	83,548	81,435	83,785	85,180
<b>South</b> .....	<b>1,063,380</b>	<b>1,129,311</b>	<b>1,164,028</b>	<b>1,108,463</b>	<b>1,139,874</b>	<b>1,206,621</b>	<b>1,247,548</b>	<b>1,273,926</b>	<b>1,313,862</b>
Alabama .....	55,270	55,112	57,372	55,295	55,922	59,049	<sup>16</sup> 60,890	<sup>16</sup> 61,554	<sup>16</sup> 64,223
Arkansas .....	32,076	34,478	33,059	32,745	30,752	34,657	38,495	39,623	41,353
Delaware .....	8,366	9,389	9,682	10,400	10,380	10,542	<sup>17</sup> 11,450	11,516	11,121
District of Columbia .....	13,724	13,935	12,262	12,116	12,230	12,885	12,774	12,689	10,896
Florida .....	112,279	121,125	130,205	132,295	136,628	140,938	139,646	142,511	142,993
Georgia .....	79,934	82,933	85,502	86,565	88	85,246	92,269	91,831	97,730
Kentucky .....	51,970	54,595	56,982	57,621	58,202	59,484	59,985	<sup>18</sup> 60,752	<sup>18</sup> 61,272
Louisiana .....	66,774	68,827	71,487	75,588	76,819	76,378	<sup>19</sup> 79,199	79,600	<sup>19</sup> 81,619
Maryland .....	65,037	68,897	75,174	75,560	77,340	77,978	80,283	80,197	79,122
Mississippi .....	43,381	44,026	45,484	46,737	45,982	45,947	46,953	47,482	48,302
North Carolina .....	82,407	82,780	86,338	91,845	97,218	101,151	94,336	97,729	102,736
Oklahoma .....	47,943	50,273	52,184	<sup>20</sup> 42,298	44,418	48,594	50,754	52,229	53,655
South Carolina .....	48,673	51,181	46,313	47,828	48,092	<sup>21</sup> 32,974	<sup>21</sup> 34,155	<sup>21</sup> 34,491	<sup>21</sup> 35,386
Tennessee .....	62,734	66,621	69,387	67,099	68,281	68,195	<sup>22</sup> 71,343	76,234	76,274
Texas .....	184,858	213,150	211,907	<sup>23</sup> 152,603	162,548	221,931	<b>238,115</b>	<sup>24</sup> 250,575	270,424
Virginia .....	78,758	82,348	87,833	87,407	91,350	95,120	<sup>25</sup> 100,279	99,757	100,945
West Virginia .....	28,696	29,641	32,857	34,461	35,262	35,552	36,622	35,156	35,811
<b>West</b> .....	<b>547,134</b>	<b>566,966</b>	<b>607,525</b>	<b>622,965</b>	<b>640,360</b>	<b>662,264</b>	<b>679,363</b>	<b>692,194</b>	<b>701,801</b>
Alaska .....	4,360	4,973	5,597	5,471	6,765	7,224	<sup>26</sup> 8,155	8,401	8,449
Arizona .....	<sup>27</sup> 20,488	<sup>27</sup> 27,868	<sup>27</sup> 39,876	<sup>27</sup> 33,699	<sup>27</sup> 38,017	<sup>27</sup> 39,861	<sup>27</sup> 46,635	<sup>27</sup> 43,306	<sup>27</sup> 44,347
California .....	313,603	315,185	322,994	338,659	347,916	359,335	<sup>28</sup> 369,700	<sup>28</sup> 371,950	<sup>28</sup> 381,820
Colorado .....	39,974	43,227	45,548	48,222	48,626	53,534	<sup>29</sup> 55,000	<sup>29</sup> 56,000	52,502
Hawaii <sup>14</sup> .....	10,481	11,614	12,547	13,631	12,710	12,875	<sup>30</sup> 12,817	13,251	13,490
Idaho .....	13,432	13,926	14,188	14,463	13,798	13,917	14,663	15,182	15,693
Montana .....	9,533	9,762	10,157	<sup>31</sup> 10,039	<sup>31</sup> 9,921	<sup>31</sup> 10,317	<sup>31</sup> 10,325	<sup>31</sup> 10,971	<sup>31</sup> 10,982
Nevada .....	8,270	8,388	9,159	8,568	9,266	9,731	9,905	10,247	11,142
New Mexico .....	20,476	19,802	20,546	22,867	22,365	21,403	<sup>32</sup> 18,102	25,143	25,809
Oregon .....	39,325	38,057	42,678	43,089	43,414	43,490	<sup>33</sup> 43,823	46,414	46,202
Utah .....	19,529	19,917	21,090	20,900	20,720	21,365	21,573	22,638	<sup>34</sup> 22,353
Washington .....	<sup>35</sup> 40,461	46,815	55,480	55,543	58,570	60,250	59,983	<sup>35</sup> 59,483	<sup>35</sup> 59,490
Wyoming .....	7,202	7,431	7,665	7,814	8,272	8,962	8,682	9,208	9,522
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	—	—	1,110	—	1,014	1,081	504	750	824
Guam .....	1,768	1,995	2,280	2,382	2,706	2,743	2,299	2,556	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	39,211	41,370	42,267	—	29,429	28,777	—
Trust Territories .....	—	—	2,267	—	—	—	—	—	—
Virgin Islands .....	—	—	1,989	1,878	1,996	2,422	2,678	2,709	2,785

—Data not available or appropriate.

<sup>1</sup> Estimated by NCES.

<sup>2</sup> U.S. totals include imputations for underreporting and nonreporting states.

<sup>3</sup> Does not include any nonprofessional staff.

<sup>4</sup> Estimated by state and does not include any nonprofessional staff.

<sup>5</sup> Does not include "professional/other" and/or "nonprofessional" staff.

<sup>6</sup> Does not include prekindergarten or any nonprofessional staff.

**Table 9.—Staff employed in public elementary and secondary schools,  
by region and state: Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
3,895,706	4,062,800	4,167,608	4,012,592	<sup>2</sup> 4,039,945	<sup>2</sup> 4,023,912	<sup>2</sup> 4,062,619	<sup>2</sup> 4,160,521	<sup>2</sup> 4,233,671	<sup>2</sup> 4,311,941
789,315	862,103	887,473	842,633	817,124	816,553	838,169	834,943	851,330	867,934
<sup>4</sup> 40,334	<sup>1</sup> 39,894	59,300	<sup>1</sup> 54,875	<sup>1</sup> 37,463	<sup>1</sup> 36,989	<sup>1</sup> 37,267	<sup>1</sup> 37,720	<sup>1</sup> 39,284	<sup>1</sup> 40,214
20,192	19,297	20,291	20,282	21,308	23,652	21,985	23,253	22,966	24,410
<sup>5</sup> 104,605	119,668	114,455	103,174	96,177	97,224	97,231	98,560	101,905	103,471
15,054	16,209	15,278	15,726	15,789	16,003	16,428	16,958	18,387	18,635
<sup>4</sup> 92,230	139,479	139,423	136,730	135,765	134,670	135,416	137,638	139,541	141,257
289,370	296,978	310,100	290,251	296,069	296,781	320,080	311,704	317,782	327,428
200,639	202,733	201,010	195,812	188,903	185,466	183,958	182,910	184,868	185,629
14,840	15,093	15,131	14,375	14,118	14,080	13,916	13,962	14,317	14,569
12,051	12,752	12,485	11,408	11,532	11,688	11,888	12,238	12,280	12,321
1,043,493	1,082,963	1,082,825	1,020,799	1,022,637	1,015,097	1,027,282	1,037,816	1,048,836	1,061,099
<sup>10</sup> 152,584	195,634	192,408	167,424	181,481	177,601	175,892	181,515	185,572	186,595
97,401	96,682	105,076	100,816	98,586	99,140	100,465	102,274	104,482	105,326
64,841	63,299	63,232	57,359	58,427	58,288	58,997	58,779	56,825	56,670
47,572	47,648	48,578	48,011	44,757	45,223	45,856	46,549	47,227	47,569
179,838	178,440	175,271	159,922	166,950	162,735	166,728	168,603	171,931	170,162
77,575	77,032	73,122	<sup>1</sup> 74,296	72,378	70,758	72,101	70,721	69,836	74,027
89,446	90,532	91,038	92,406	87,895	88,344	88,201	90,339	91,609	96,736
31,760	32,676	31,622	31,022	30,383	30,578	30,878	30,896	31,576	31,809
12,932	12,650	12,393	12,156	12,308	12,359	13,511	13,671	13,693	13,533
190,101	191,586	192,577	183,015	178,549	177,623	180,399	182,105	182,796	184,130
14,504	14,288	14,068	14,012	14,065	15,376	15,719	14,559	13,903	14,202
84,939	82,496	83,440	80,360	76,858	77,072	78,535	77,805	79,386	80,340
1,356,654	1,386,543	1,431,226	1,421,553	1,356,916	1,357,481	1,358,539	1,518,951	1,542,497	1,575,459
63,917	55,229	64,356	70,052	65,554	64,413	68,421	68,992	70,907	70,655
42,996	44,703	44,892	44,006	44,088	44,260	44,859	46,411	46,372	47,741
11,414	11,521	10,644	9,974	9,980	9,916	10,083	10,370	10,597	10,790
12,100	12,281	11,072	10,529	10,081	10,038	10,510	10,471	11,945	11,130
147,946	151,530	156,705	155,992	160,524	161,371	165,754	172,552	177,639	184,608
97,910	98,090	102,508	102,226	110,422	110,482	105,637	108,735	111,317	119,320
62,532	62,750	64,693	61,061	62,676	62,465	63,683	65,557	67,721	69,192
<sup>6</sup> 80,713	85,710	86,204	83,961	85,457	86,380	86,363	88,403	88,591	88,794
79,354	79,059	78,148	74,354	71,285	70,993	71,293	71,264	72,931	73,717
49,869	51,833	52,464	48,749	49,134	51,115	53,188	55,580	<sup>7</sup> 40,687	<sup>7</sup> 42,540
107,513	111,031	112,414	107,118	106,685	106,239	107,902	109,934	110,628	114,243
56,542	58,293	59,465	59,636	61,590	60,772	64,812	66,858	65,253	63,822
<sup>8</sup> 42,393	<sup>4</sup> 42,342	61,986	58,710	58,304	58,106	58,956	61,132	61,847	62,557
77,515	79,347	81,020	80,435	77,867	76,134	76,277	78,321	80,968	83,256
284,060	300,460	299,201	313,905	<sup>1</sup> 240,477	<sup>1</sup> 241,678	<sup>1</sup> 223,330	357,365	374,986	377,240
102,941	104,462	105,399	100,838	102,664	102,820	106,219	105,659	108,455	114,439
36,939	37,902	40,055	39,977	40,128	40,299	41,252	41,347	41,653	41,415
706,244	731,191	766,084	727,605	734,691	725,970	710,140	741,110	749,482	762,708
9,216	9,556	10,380	11,170	<sup>8</sup> 8,384	11,113	13,187	13,370	<sup>9</sup> 9,810	<sup>1</sup> 7,285
<sup>7</sup> 40,968	51,526	51,171	50,334	50,270	50,371	51,524	53,675	56,207	59,095
<sup>9</sup> 381,820	<sup>1</sup> 412,463	420,211	<sup>1</sup> 380,188	392,341	380,604	354,654	378,883	385,244	392,299
54,918	<sup>1</sup> 34,885	56,410	54,901	55,725	53,981	55,079	58,199	58,537	59,263
14,321	14,250	14,255	15,099	15,318	14,987	15,410	17,100	15,892	18,036
16,576	16,466	16,801	15,429	15,310	15,449	15,878	16,036	16,039	16,205
<sup>1</sup> 11,158	11,024	<sup>1</sup> 10,878	<sup>1</sup> 15,446	<sup>1</sup> 12,226	<sup>1</sup> 12,313	<sup>1</sup> 12,576	<sup>1</sup> 12,752	<sup>1</sup> 12,613	<sup>1</sup> 12,477
<sup>1</sup> 7,250	<sup>1</sup> 7,994	<sup>1</sup> 8,147	<sup>1</sup> 11,611	12,975	12,703	13,301	<sup>1</sup> 8,865	<sup>1</sup> 9,212	<sup>1</sup> 9,736
27,058	25,970	26,790	27,387	27,118	27,320	27,728	27,786	28,548	29,347
46,997	48,195	49,204	47,701	45,934	45,742	45,842	46,425	46,598	47,211
23,465	25,093	26,295	25,013	26,565	26,823	27,791	29,486	30,501	29,976
61,799	63,399	63,494	60,822	59,622	61,012	63,107	64,159	65,955	68,405
10,698	10,370	12,048	12,504	12,903	13,552	14,063	14,374	14,326	13,373
—	—	—	—	—	—	—	—	—	—
—	—	1,004	—	—	—	—	—	1,162	1,206
—	2,516	2,838	—	2,600	—	—	2,395	2,985	2,884
441	399	—	—	—	—	513	—	—	512
46,098	—	54,635	—	37,583	—	42,123	41,242	40,979	42,314
—	—	—	—	—	—	—	—	—	—
3,055	3,011	3,267	—	3,919	—	3,406	3,329	3,258	3,254

<sup>1</sup> Support staff not reported or underreported.

<sup>2</sup> Does not include "office/clerical" and "nonprofessional" staff.

<sup>3</sup> Data estimated by reporting state.

<sup>4</sup> Data include only partial numbers of the nonprofessional staff.

<sup>5</sup> Data partially estimated.

<sup>6</sup> Data are for school year 1976-77.

<sup>7</sup> Data for school year 1974-75.

<sup>8</sup> Revised reporting practices in 1989.

Table 9.—Staff employed in public elementary and secondary schools,  
by region and state: Fall 1969 to fall 1989—Continued

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>1,431,356</b>	<b>1,420,553</b>	<b>34.2</b>	<b>23.3</b>	<b>8.8</b>	<b>13.7</b>	<b>8.5</b>	<b>0.0</b>	<b>8.8</b>
<b>Northeast</b> .....	<b>863,342</b>	<b>917,361</b>	<b>20.5</b>	<b>13.2</b>	<b>6.4</b>	<b>9.4</b>	<b>3.5</b>	<b>-2.8</b>	<b>9.4</b>
Connecticut .....	140,870	57,423	57.3	—	—	12.0	—	—	—
Maine .....	25,450	26,317	47.5	8.2	36.4	-10.7	21.2	13.9	19.7
Massachusetts .....	106,327	104,058	26.2	45.2	-13.0	36.0	6.7	-18.7	7.0
New Hampshire .....	19,185	20,556	94.5	53.4	26.8	18.8	29.1	1.4	25.1
New Jersey .....	144,051	146,617	32.0	25.6	5.1	17.7	6.7	-2.9	8.3
New York .....	312,426	345,072	14.5	-1.5	16.2	-0.8	-0.7	7.8	7.8
Pennsylvania .....	188,279	190,175	7.1	14.1	-6.2	10.3	3.4	-9.3	3.4
Rhode Island .....	14,795	15,184	9.3	8.7	0.6	7.9	0.7	-7.8	9.1
Vermont .....	11,959	11,959	20.7	28.7	-6.2	5.3	22.2	-6.8	0.6
<b>Midwest</b> .....	<b>1,069,071</b>	<b>1,080,551</b>	<b>17.1</b>	<b>17.4</b>	<b>-0.2</b>	<b>13.1</b>	<b>3.8</b>	<b>-5.1</b>	<b>5.2</b>
Illinois .....	186,235	187,682	15.8	20.7	-4.1	21.1	-0.4	-10.1	6.7
Indiana .....	105,430	107,094	35.6	22.4	10.8	9.4	11.9	3.9	6.6
Iowa .....	56,220	56,826	2.2	13.9	-10.2	-5.7	20.8	-6.8	-3.7
Kansas .....	48,828	50,175	14.9	9.1	5.3	3.9	5.0	-3.8	9.4
Michigan .....	169,610	170,889	13.2	18.2	-4.2	15.0	2.8	-6.6	2.5
Minnesota .....	75,885	76,268	6.5	7.6	-1.0	9.3	-1.5	-6.4	5.8
Missouri .....	97,946	98,315	31.9	21.4	8.6	17.0	3.8	-2.6	11.5
Nebraska .....	32,292	33,325	26.4	23.9	2.0	12.7	10.0	-5.5	7.9
North Dakota .....	13,789	14,132	14.9	2.8	11.7	3.9	-1.1	6.8	4.6
Ohio .....	186,631	188,155	20.2	22.3	-1.8	17.1	4.5	-5.8	4.3
South Dakota .....	13,898	14,129	5.5	6.7	-1.1	7.8	-1.0	10.0	-10.1
Wisconsin .....	82,307	83,561	9.1	7.7	1.3	9.1	-1.3	-4.8	6.4
<b>South</b> .....	<b>1,555,851</b>	<b>1,605,367</b>	<b>51.0</b>	<b>30.4</b>	<b>15.8</b>	<b>13.5</b>	<b>14.9</b>	<b>-2.0</b>	<b>18.2</b>
Alabama .....	72,955	79,786	44.4	-0.1	44.5	6.8	-6.5	23.9	16.6
Arkansas .....	50,734	49,401	54.0	39.4	10.5	8.0	29.0	0.3	10.1
Delaware .....	10,766	10,842	22.3	29.9	-5.9	18.9	9.3	-12.5	7.5
District of Columbia .....	10,157	10,619	-22.6	-10.5	-13.5	-6.1	-4.7	-14.4	1.0
Florida .....	197,403	206,351	83.8	35.0	36.2	25.5	7.5	9.4	24.5
Georgia .....	120,669	125,939	57.6	22.7	28.4	6.6	15.1	7.7	19.2
Kentucky .....	71,685	71,377	37.3	20.7	13.7	14.5	5.5	1.5	12.1
Louisiana .....	88,361	88,582	32.7	28.4	3.4	14.4	12.2	0.8	2.6
Maryland .....	75,229	76,623	17.8	21.6	-3.1	19.9	1.4	-9.8	7.5
Mississippi .....	143,227	56,361	29.9	19.5	8.7	5.9	12.8	2.6	6.0
North Carolina .....	119,161	122,470	48.6	34.7	10.3	22.7	9.8	-2.8	13.5
Oklahoma .....	64,076	65,076	35.7	21.6	11.6	1.4	20.0	11.2	0.4
South Carolina .....	61,908	63,333	30.1	-13.0	49.6	—	—	39.2	7.4
Tennessee .....	84,500	86,049	37.2	26.5	8.4	8.7	16.4	-3.9	12.8
Texas .....	327,296	332,948	80.1	62.5	10.8	20.1	35.4	—	—
Virginia .....	117,291	120,203	52.6	32.6	15.1	20.8	9.8	1.7	13.2
West Virginia .....	40,433	39,407	37.3	32.1	4.0	23.9	6.6	8.8	-4.5
<b>West</b> .....	<b>789,070</b>	<b>806,759</b>	<b>47.5</b>	<b>33.6</b>	<b>10.3</b>	<b>21.0</b>	<b>10.4</b>	<b>-2.9</b>	<b>13.6</b>
Alaska .....	13,500	13,438	208.2	119.2	40.6	65.7	32.3	38.0	1.9
Arizona .....	60,014	61,318	—	—	19.0	—	—	0.0	19.0
California .....	404,769	419,673	33.8	31.5	1.7	14.6	14.8	-14.0	18.3
Colorado .....	59,814	60,603	51.6	—	—	33.9	—	—	10.0
Hawaii .....	20,730	14,034	33.9	36.0	-1.5	22.8	10.7	8.1	-8.9
Idaho .....	16,558	17,160	27.8	22.6	4.2	3.6	18.3	-3.6	8.1
Montana .....	12,414	12,543	—	15.6	—	8.2	6.9	—	—
Nevada .....	10,136	10,311	—	—	—	17.7	—	—	—
New Mexico .....	30,159	32,165	57.1	26.8	23.9	4.5	21.3	6.8	16.0
Oregon .....	47,317	48,225	22.6	22.6	0.1	10.6	10.8	-4.9	5.2
Utah .....	30,774	31,351	60.5	28.5	24.9	9.4	17.4	10.8	12.8
Washington .....	69,610	72,517	—	—	14.4	—	5.2	-0.5	14.9
Wyoming .....	13,275	13,421	86.4	44.0	29.4	24.4	15.7	35.6	-4.6
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	1,255	1,240	—	—	—	—	—	—	—
Guam .....	2,778	2,985	68.8	42.3	18.6	55.1	-8.3	—	—
Northern Marianas .....	643	688	—	—	72.4	—	—	28.6	34.1
Puerto Rico .....	62,322	62,441	—	—	—	—	—	—	48.2
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	3,322	3,324	—	—	10.4	—	24.3	13.1	-2.4

NOTE—Inconsistent reporting practices may affect percentage changes over time. Percentage change calculations were not made where data were known to be incomplete.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, various years; and Common Core of Data surveys.

Chart 9a. — Percentage change in public elementary and secondary school staff, by state: Fall 1969 to fall 1989

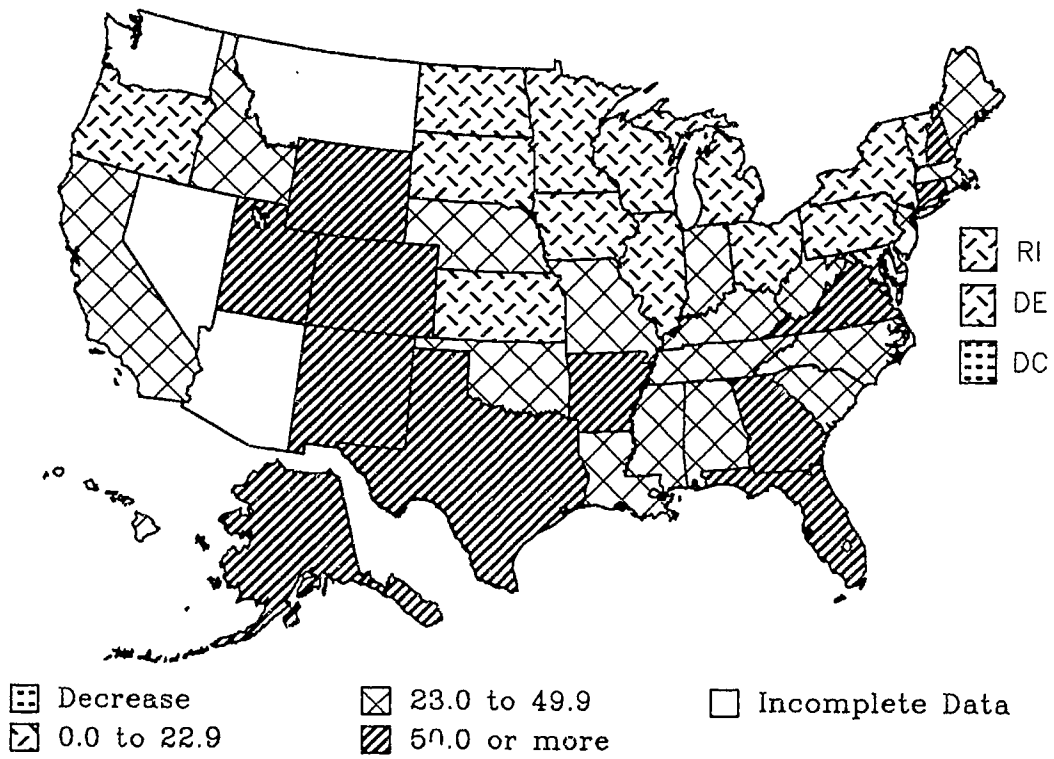
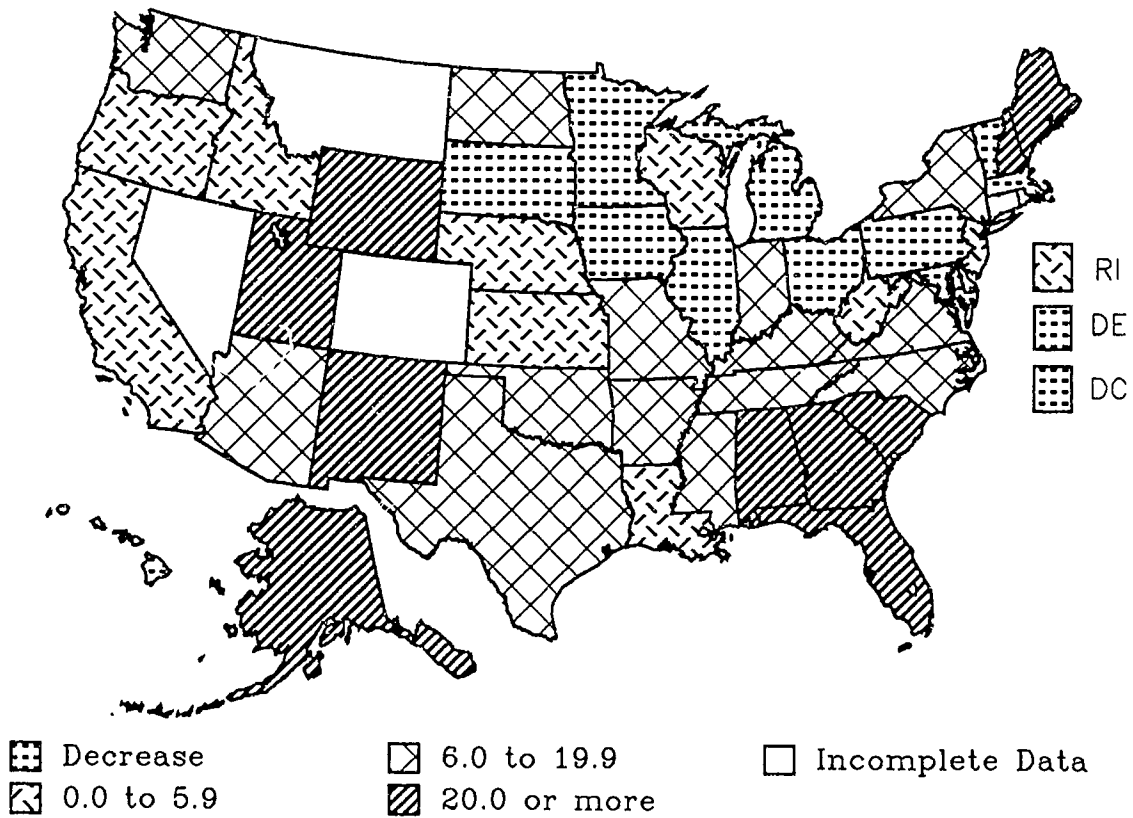


Chart 9b. — Percentage change in public elementary and secondary school staff, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, various years; and Common Core of Data surveys.

Table 10.—Pupil/staff ratio in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989

Region and state	Fall 1969	Fall 1970 <sup>1</sup>	Fall 1971	Fall 1972	Fall 1973	Fall 1974	Fall 1975	Fall 1976	Fall 1977
<b>United States</b> .....	<b>13.8</b>	<b>13.3</b>	<b>13.0</b>	<b>12.8</b>	<b>12.4</b>	<b>12.0</b>	<b>11.6</b>	<b>11.4</b>	<b>11.1</b>
<b>Northeast</b> .....	<b>12.8</b>	<b>12.5</b>	<b>12.3</b>	<b>12.2</b>	<b>11.7</b>	<b>11.7</b>	<b>11.0</b>	<b>11.1</b>	<b>10.9</b>
Connecticut .....	17.7	17.9	16.6	16.6	( <sup>1</sup> )	16.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>3</sup> )
Maine .....	13.5	14.5	14.0	18.3	16.3	15.7	14.2	( <sup>1</sup> )	14.0
Massachusetts .....	13.9	13.2	12.8	12.2	*10.7	10.8	*10.7	*10.3	*9.7
New Hampshire .....	14.4	13.8	13.8	13.0	16.4	13.7	13.8	12.6	12.5
New Jersey .....	13.1	13.0	12.6	<sup>1</sup> 12.1	11.3	<sup>1</sup> 11.2	*10.8	*10.6	*10.3
New York .....	11.4	11.2	11.1	*11.5	*11.1	11.5	*10.4	*11.0	*11.2
Pennsylvania .....	13.2	12.8	12.7	12.2	11.8	*11.6	10.8	10.7	*10.6
Rhode Island .....	13.0	13.0	13.0	12.6	12.3	11.9	12.0	11.3	11.1
Vermont .....	10.1	10.5	10.9	10.5	10.2	10.1	<b>9.6</b>	9.2	*8.9
<b>Midwest</b> .....	<b>14.0</b>	<b>13.5</b>	<b>13.5</b>	<b>12.7</b>	<b>12.3</b>	<b>12.0</b>	<b>11.5</b>	<b>11.4</b>	<b>11.1</b>
Illinois .....	14.3	14.1	14.8	12.3	12.1	11.7	11.4	*11.5	*11.4
Indiana .....	15.5	14.6	13.1	*12.7	*12.5	<sup>11</sup> 13.7	<sup>11</sup> 13.0	12.6	<sup>12</sup> 12.1
Iowa .....	11.9	12.1	12.1	12.2	12.3	11.8	10.0	9.9	9.5
Kansas .....	11.9	11.4	11.5	*11.3	10.7	10.4	*10.4	10.2	9.8
Michigan .....	14.2	13.7	13.8	13.0	12.5	12.3	11.6	11.6	11.3
Minnesota .....	12.8	12.6	12.5	12.4	11.8	11.4	11.1	10.9	10.8
Missouri .....	14.5	12.6	12.4	12.4	12.0	11.5	10.7	11.1	10.8
Nebraska .....	12.6	11.8	11.8	*10.5	11.1	10.7	10.4	10.1	9.7
North Dakota .....	12.0	12.2	12.5	11.7	11.0	10.4	10.4	10.1	9.8
Ohio .....	15.5	14.6	14.9	13.7	13.0	12.7	12.3	12.1	11.7
South Dakota .....	12.4	11.9	11.6	11.8	11.2	10.6	<b>10.8</b>	10.3	10.1
Wisconsin .....	12.8	13.2	12.6	13.1	12.5	11.7	11.8	11.3	10.8
<b>South</b> .....	<b>13.8</b>	<b>13.1</b>	<b>12.7</b>	<b>13.2</b>	<b>12.9</b>	<b>12.1</b>	<b>11.7</b>	<b>11.4</b>	<b>11.1</b>
Alabama .....	14.9	14.6	14.1	14.2	13.8	12.9	*12.5	*12.2	*11.9
Arkansas .....	14.3	13.4	14.0	14.1	14.6	13.1	11.9	11.6	11.1
Delaware .....	14.7	14.1	13.9	12.9	12.8	12.4	*11.9	10.6	10.6
District of Columbia .....	10.9	10.5	11.6	11.5	11.1	10.2	10.2	9.9	11.0
Florida .....	12.5	11.8	11.4	11.4	11.3	11.0	11.1	10.8	10.7
Georgia .....	13.9	13.3	12.8	12.6	12.3	12.7	11.8	11.9	11.1
Kentucky .....	13.5	13.1	12.6	12.4	12.2	11.8	11.5	*11.4	*11.4
Louisiana .....	12.8	12.2	11.9	11.2	11.0	11.0	<sup>13</sup> 10.7	10.5	*10.3
Maryland .....	13.7	13.3	12.3	12.2	11.8	11.5	11.0	10.7	10.6
Mississippi .....	13.3	12.1	11.6	11.3	11.3	<sup>14</sup> 11.2	10.9	10.7	10.4
North Carolina .....	14.4	14.4	13.6	12.6	12.1	11.6	12.6	12.2	11.5
Oklahoma .....	12.8	12.5	12.0	( <sup>10</sup> )	13.5	12.3	11.7	11.4	11.1
South Carolina .....	13.3	12.5	14.0	13.0	13.0	( <sup>6</sup> )	( <sup>3</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Tennessee .....	14.2	13.5	12.9	13.3	13.2	12.8	*12.3	11.0	11.5
Texas .....	14.9	13.3	13.3	( <sup>7</sup> )	17.1	12.6	*11.8	*11.3	10.5
Virginia .....	13.7	13.1	12.2	12.2	11.9	11.5	*11.0	11.0	10.7
West Virginia .....	14.0	13.5	12.3	11.9	11.6	11.4	11.0	11.5	11.2
<b>West</b> .....	<b>15.1</b>	<b>14.7</b>	<b>13.7</b>	<b>13.3</b>	<b>12.9</b>	<b>12.4</b>	<b>12.1</b>	<b>11.8</b>	<b>11.5</b>
Alaska .....	17.6	16.1	15.1	15.6	12.2	12.0	( <sup>5</sup> )	10.9	10.7
Arizona .....	( <sup>7</sup> )	15.8	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	*10.6	( <sup>7</sup> )	( <sup>7</sup> )
California .....	14.7	14.7	14.2	13.3	12.8	12.3	*12.0	*11.8	*11.3
Colorado .....	13.5	12.7	12.4	11.9	11.8	10.6	*10.3	*10.1	10.7
Hawaii <sup>14</sup> .....	17.0	15.6	14.6	13.4	14.0	13.7	( <sup>5</sup> )	13.2	12.8
Idaho .....	13.4	13.1	13.0	12.8	13.7	13.5	13.4	13.2	12.8
Montana .....	18.3	18.1	17.6	<sup>1</sup> 17.9	( <sup>3</sup> )	*16.7	( <sup>5</sup> )	( <sup>6</sup> )	( <sup>3</sup> )
Nevada .....	15.0	15.2	14.2	15.4	14.6	14.1	14.1	13.8	12.9
New Mexico .....	13.5	14.2	13.9	12.5	12.7	13.2	( <sup>8</sup> )	11.3	10.9
Oregon .....	12.2	12.6	11.2	10.9	11.0	11.0	*10.9	10.2	10.2
Utah .....	15.5	15.3	14.5	14.6	14.8	14.3	14.4	13.9	*14.2
Washington .....	( <sup>10</sup> )	17.5	14.5	14.2	13.5	13.0	13.1	*13.1	*13.1
Wyoming .....	12.0	11.7	11.3	11.0	10.3	9.7	10.2	9.8	9.7
<b>Outlying Areas</b> .....	—	—	—	—	—	—	—	—	—
American Samoa .....	—	—	7.2	—	10.2	9.4	20.1	13.3	11.3
Guam .....	12.3	12.4	11.4	11.3	10.1	10.3	12.4	11.2	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	17.8	17.2	16.9	—	23.7	23.9	—
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	9.5	11.1	11.0	9.6	9.2	9.2	9.2

—Data not available or applicable.

<sup>1</sup> Estimated by NCES.

<sup>2</sup> U.S. totals include imputations for underreporting and nonreporting states.

<sup>3</sup> Does not include any nonprofessional staff.

<sup>4</sup> Estimated by state and does not include any nonprofessional staff.

<sup>5</sup> Does not include "professional/other" and/or "nonprofessional" staff.

<sup>6</sup> Does not include prekindergarten or any nonprofessional staff.

**Table 10.—Pupil/staff ratio in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
10.9	10.3	9.8	10.0	9.8	9.8	9.7	9.5	9.4	9.3
11.2	9.8	9.3	9.4	9.4	9.2	8.8	8.8	8.6	8.4
( <sup>6</sup> )	( <sup>3</sup> )	9.0	9.2	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
11.9	11.8	11.0	10.7	9.9	8.9	9.4	8.9	9.2	8.7
<sup>9</sup> 10.3	8.7	8.9	9.2	9.5	9.0	8.8	8.6	8.2	8.0
11.5	10.5	10.9	10.4	10.1	9.9	9.7	9.5	8.9	8.9
( <sup>4</sup> )	9.2	8.9	8.8	8.6	8.5	8.3	8.1	7.9	7.7
10.7	10.0	9.3	9.6	9.2	9.0	8.3	8.4	8.2	7.9
10.2	9.7	9.5	9.4	9.4	9.4	9.3	9.2	9.1	9.0
10.9	10.2	9.8	10.0	9.9	9.7	9.7	9.6	9.4	9.3
8.4	7.7	7.7	8.2	7.9	7.7	7.6	7.4	7.5	7.5
10.8	10.2	9.9	10.2	9.9	9.8	9.6	9.5	9.4	9.2
( <sup>10</sup> )	10.4	10.3	11.5	10.4	10.4	10.4	10.1	9.8	9.7
11.4	11.2	10.0	10.2	10.1	9.9	9.7	9.4	9.3	9.2
8.8	8.7	8.4	9.0	8.6	8.5	8.3	8.3	8.2	8.5
9.1	8.9	8.5	8.5	9.1	9.0	8.8	8.8	8.8	8.9
10.6	10.4	10.3	10.8	10.0	10.1	9.7	9.5	9.3	9.3
10.4	10.1	10.3	9.9	9.9	10.0	9.7	10.0	10.2	9.7
10.1	9.6	9.3	8.9	9.1	9.0	9.0	8.8	8.7	8.3
9.4	8.8	8.9	8.8	8.9	8.7	8.6	8.6	8.5	8.4
9.4	9.3	9.4	9.7	9.5	9.5	8.8	8.7	8.7	8.8
11.1	10.6	10.2	10.4	10.4	10.3	10.0	9.9	9.8	9.7
9.5	9.4	9.1	9.0	8.8	8.0	7.8	8.5	9.0	8.9
10.4	10.4	10.0	10.0	10.2	10.1	9.8	9.9	9.7	9.6
10.6	10.3	9.9	9.8	10.3	10.3	10.3	9.3	9.3	9.2
11.9	13.7	11.8	10.6	11.0	11.2	10.4	10.6	10.3	10.3
10.6	10.1	10.0	9.9	9.8	9.8	9.6	9.3	9.4	9.2
9.7	9.0	9.3	9.5	9.3	9.2	9.1	9.0	8.9	8.9
9.4	8.6	9.0	9.0	9.0	8.9	8.3	8.3	7.2	7.8
10.2	10.0	9.6	9.5	9.2	9.3	9.2	9.1	9.0	9.0
11.2	11.0	10.4	10.3	9.5	9.5	10.1	9.9	9.8	9.3
11.1	10.8	10.4	10.8	10.4	10.4	10.1	9.8	9.5	9.3
<sup>9</sup> 10.1	9.3	9.0	9.3	9.2	9.3	9.3	8.9	9.0	8.9
10.2	9.8	9.6	9.7	9.8	9.6	9.5	9.4	9.3	9.3
9.9	9.3	9.1	9.7	9.5	9.2	8.8	8.5	( <sup>7</sup> )	( <sup>7</sup> )
10.8	10.4	10.0	10.4	10.3	10.3	10.1	9.9	9.8	9.5
10.4	10.0	9.7	9.8	9.6	9.7	9.1	8.9	9.1	9.2
( <sup>6</sup> )	14.8	10.0	10.4	10.4	10.4	10.2	9.9	9.9	9.8
11.3	10.9	10.5	10.4	10.6	10.8	10.7	10.4	10.1	9.9
10.1	9.6	9.7	9.4	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	8.8	8.9	8.6
10.3	9.9	9.6	9.8	9.5	9.4	9.1	9.2	9.6	8.6
10.7	10.2	9.6	9.4	9.3	9.2	8.8	8.7	8.4	8.3
11.3	10.8	10.2	10.7	10.6	10.8	11.2	11.0	11.0	11.1
9.8	9.3	8.3	8.1	( <sup>7</sup> )	8.8	7.9	8.0	( <sup>7</sup> )	( <sup>7</sup> )
( <sup>7</sup> )	9.9	10.0	10.1	10.2	10.1	10.3	10.2	9.5	9.7
<sup>9</sup> 11.0	<sup>1</sup> 10.0	9.7	<sup>1</sup> 10.6	10.4	10.7	11.7	11.2	11.4	11.4
10.2	( <sup>3</sup> )	9.7	9.9	9.8	10.0	9.9	9.5	9.5	9.5
11.9	11.8	11.6	10.8	10.6	10.8	10.6	9.6	10.4	9.2
12.2	12.3	12.1	13.3	13.3	13.4	13.1	13.0	13.0	13.1
( <sup>3</sup> )	14.4	( <sup>1</sup> )	9.9	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
( <sup>3</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	<sup>1</sup> 13.0	11.6	11.8	11.4	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
10.3	10.6	10.1	9.8	9.9	9.9	9.8	10.0	9.9	9.8
10.0	9.7	9.4	9.6	9.8	9.8	9.7	9.6	9.6	9.7
13.9	13.3	13.1	14.2	13.9	14.1	14.0	13.7	13.6	14.1
12.4	12.1	11.9	12.3	12.4	12.1	11.7	11.7	11.5	11.3
8.8	9.2	8.2	8.0	7.9	7.3	7.2	7.2	7.0	7.4
—	—	—	—	—	—	—	—	—	—
—	—	9.6	—	—	—	—	—	9.5	9.3
—	11.0	9.3	—	9.9	—	—	10.9	8.6	9.0
10.2	11.0	—	—	—	—	9.4	—	—	11.4
15.6	—	13.0	—	18.9	—	16.4	16.7	16.6	15.9
—	—	—	—	—	—	—	—	—	—
8.2	8.5	7.7	—	6.6	—	7.7	7.6	7.5	7.4

<sup>7</sup> Support staff not reported or underreported.

<sup>8</sup> Does not include "office/clerical" and "nonprofessional" staff.

<sup>9</sup> Data estimated by reporting state.

<sup>10</sup> Data include only partial numbers of the nonprofessional staff.

<sup>11</sup> Data partially estimated.

<sup>12</sup> Data are for school year 1976-77.

<sup>13</sup> Data for school year 1974-75.

<sup>14</sup> Revised reporting practices in 1989.



**Table 10.—Pupil/staff ratio in public elementary and secondary schools, by region and state:  
Fall 1969 to fall 1989—Continued**

Region and state	Fall 1988	Fall 1989	Change in pupils per staff member						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>9.3</b>	<b>9.2</b>	<b>-4.6</b>	<b>-3.5</b>	<b>-1.1</b>	<b>-1.8</b>	<b>-1.7</b>	<b>-0.6</b>	<b>-0.5</b>
<b>Northeast</b> .....	<b>8.3</b>	<b>7.8</b>	<b>-5.0</b>	<b>-3.0</b>	<b>-2.0</b>	<b>-1.1</b>	<b>-1.9</b>	<b>-1.0</b>	<b>-1.0</b>
Connecticut .....	( <sup>1</sup> )	8.0	-9.7	—	—	-1.6	—	—	—
Maine .....	8.4	8.1	-5.4	-1.7	-3.7	2.2	-3.9	-2.4	-1.3
Massachusetts .....	7.7	7.9	-6.0	-5.2	-0.8	-3.1	-2.1	0.1	-0.9
New Hampshire .....	8.8	8.4	-6.0	-3.9	-2.1	-0.7	-3.2	-0.8	-1.3
New Jersey .....	7.5	7.3	-5.8	-3.9	-1.9	-1.9	-2.0	-0.9	-1.0
New York .....	8.2	7.4	-4.0	-1.4	-2.6	0.1	-1.5	-1.7	-0.9
Pennsylvania .....	8.8	8.7	-4.5	-3.5	-1.0	-1.6	-1.9	-0.4	-0.6
Rhode Island .....	9.0	8.9	-4.1	-2.8	-1.3	-1.1	-1.7	-0.5	-0.8
Vermont .....	7.8	7.9	-2.2	-2.4	0.2	0.0	-2.4	-0.1	0.3
<b>Midwest</b> .....	<b>9.2</b>	<b>9.1</b>	<b>-4.9</b>	<b>-3.8</b>	<b>-1.1</b>	<b>-2.0</b>	<b>-1.8</b>	<b>-0.6</b>	<b>-0.5</b>
Illinois .....	9.6	9.6	-4.7	-3.9	-0.8	-2.6	-1.3	0.0	-0.8
Indiana .....	9.1	8.9	-6.6	-4.3	-2.3	-1.8	-2.5	-1.5	-0.8
Iowa .....	8.5	8.4	-3.5	-3.2	-0.3	-0.1	-3.1	-0.4	0.1
Kansas .....	8.7	8.6	-3.3	-3.0	-0.3	-1.5	-1.5	-0.1	-0.2
Michigan .....	9.3	9.2	-5.0	-3.8	-1.2	-1.9	-1.9	-0.7	-0.5
Minnesota .....	9.6	9.7	-3.1	-2.7	-0.4	-1.4	-1.3	-0.4	0.0
Missouri .....	8.2	8.2	-6.3	-4.9	-1.4	-3.0	-1.9	-0.6	-0.8
Nebraska .....	8.3	8.1	-4.5	-3.8	-0.7	-1.9	-1.9	-0.2	-0.5
North Dakota .....	8.6	8.3	-3.7	-2.7	-1.0	-1.6	-1.1	-0.5	-0.5
Ohio .....	9.5	9.4	-6.1	-4.9	-1.2	-2.8	-2.1	-0.6	-0.6
South Dakota .....	9.1	9.0	-3.4	-3.0	-0.4	-1.8	-1.2	-1.6	1.2
Wisconsin .....	9.4	9.4	-3.4	-2.4	-1.0	-1.1	-1.3	-0.6	-0.4
<b>South</b> .....	<b>9.3</b>	<b>9.1</b>	<b>-4.7</b>	<b>-3.5</b>	<b>-1.2</b>	<b>-1.7</b>	<b>-1.8</b>	<b>0.0</b>	<b>-1.2</b>
Alabama .....	9.9	9.1	-5.8	-1.2	-4.6	-2.0	0.8	-3.3	-1.3
Arkansas .....	8.6	8.8	-5.5	-4.2	-1.3	-1.2	-3.0	-0.5	-0.8
Delaware .....	9.0	9.0	-5.7	-5.7	0.0	-2.3	-3.4	0.1	-0.1
District of Columbia .....	8.3	7.7	-3.2	-2.3	-0.9	-0.7	-1.6	-0.3	-0.6
Florida .....	8.7	8.6	-3.9	-2.5	-1.4	-1.5	-1.0	-0.8	-0.6
Georgia .....	9.2	8.9	-5.0	-2.9	-2.1	-1.2	-1.7	-0.9	-1.2
Kentucky .....	8.9	8.8	-4.7	-2.7	-2.0	-1.7	-1.0	-0.7	-1.3
Louisiana .....	8.9	8.8	-4.0	-3.5	-0.5	-1.8	-1.7	0.0	-0.5
Maryland .....	9.2	9.1	-4.6	-3.9	-0.7	-2.2	-1.7	-0.3	-0.4
Mississippi .....	( <sup>1</sup> )	8.9	-4.4	-4.0	-0.4	-2.1	-1.9	-0.5	0.1
North Carolina .....	( <sup>1</sup> )	8.8	-5.6	-4.0	-1.6	-2.8	-1.2	-0.3	-1.3
Oklahoma .....	9.1	8.9	-3.9	-2.8	-1.1	-0.5	-2.3	-0.9	-0.2
South Carolina .....	9.9	9.7	-3.6	1.5	-5.1	—	—	-4.6	-0.5
Tennessee .....	9.7	9.5	-4.7	-3.3	-1.4	-1.4	-1.9	-0.2	-1.2
Texas .....	10.0	10.0	-4.9	-5.3	0.4	-2.3	-3.0	—	—
Virginia .....	8.4	8.2	-5.5	-3.8	-1.7	-2.2	-1.6	-0.8	-0.9
West Virginia .....	8.3	8.3	-5.7	-3.8	-1.9	-2.6	-1.2	-1.4	-0.5
<b>West</b> .....	<b>11.0</b>	<b>11.0</b>	<b>-4.1</b>	<b>-4.3</b>	<b>0.2</b>	<b>-2.7</b>	<b>-1.6</b>	<b>0.4</b>	<b>-0.2</b>
Alaska .....	7.9	8.1	-9.5	-8.3	-1.2	-5.6	-2.7	-1.4	0.2
Arizona .....	9.6	9.9	—	—	0.0	—	—	0.4	-0.4
California .....	11.4	11.4	-3.3	-4.7	1.4	-2.4	-2.3	1.7	-0.3
Colorado .....	9.4	9.3	-4.2	—	—	-2.9	—	—	-0.6
Hawaii .....	8.1	12.1	-4.9	-5.2	0.3	-3.3	-1.9	-1.2	1.5
Idaho .....	13.0	12.5	-0.9	-1.1	0.2	0.1	-1.2	0.8	-0.6
Montana .....	( <sup>1</sup> )	( <sup>1</sup> )	—	-3.9	—	-1.6	-2.3	—	—
Nevada .....	( <sup>1</sup> )	( <sup>1</sup> )	—	—	—	-0.9	—	—	—
New Mexico .....	9.7	9.2	-4.3	-2.9	-1.4	-0.3	-2.6	-0.8	-0.6
Oregon .....	9.8	9.8	-2.4	-2.5	0.1	-1.2	-1.3	0.0	0.1
Utah .....	14.0	14.0	-1.5	-2.2	0.7	-1.2	-1.0	0.7	0.0
Washington .....	11.4	11.2	—	—	-0.9	—	-0.9	-0.4	-0.5
Wyoming .....	7.4	7.2	-4.8	-2.8	-2.0	-2.3	-0.5	-2.0	0.0
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	9.4	9.9	—	—	—	—	—	—	—
Guam .....	9.4	8.9	-3.4	-1.3	-2.1	-2.0	0.7	—	—
Northern Marianas .....	9.5	8.9	—	—	-2.1	—	—	-1.6	-0.5
Puerto Rico .....	10.6	10.4	—	—	—	—	—	—	-6.0
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	7.1	6.4	—	—	-2.1	—	-1.1	-0.8	-1.3

NOTE.—Inconsistent reporting practices may affect the change in ratio over time. Ratios and change calculations were not made where data were known to be incomplete.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, various years; and Common Core of Data surveys.

Chart 10a.— Percentage change in pupils per staff member in public elementary and secondary schools, by state: Fall 1969 to fall 1989

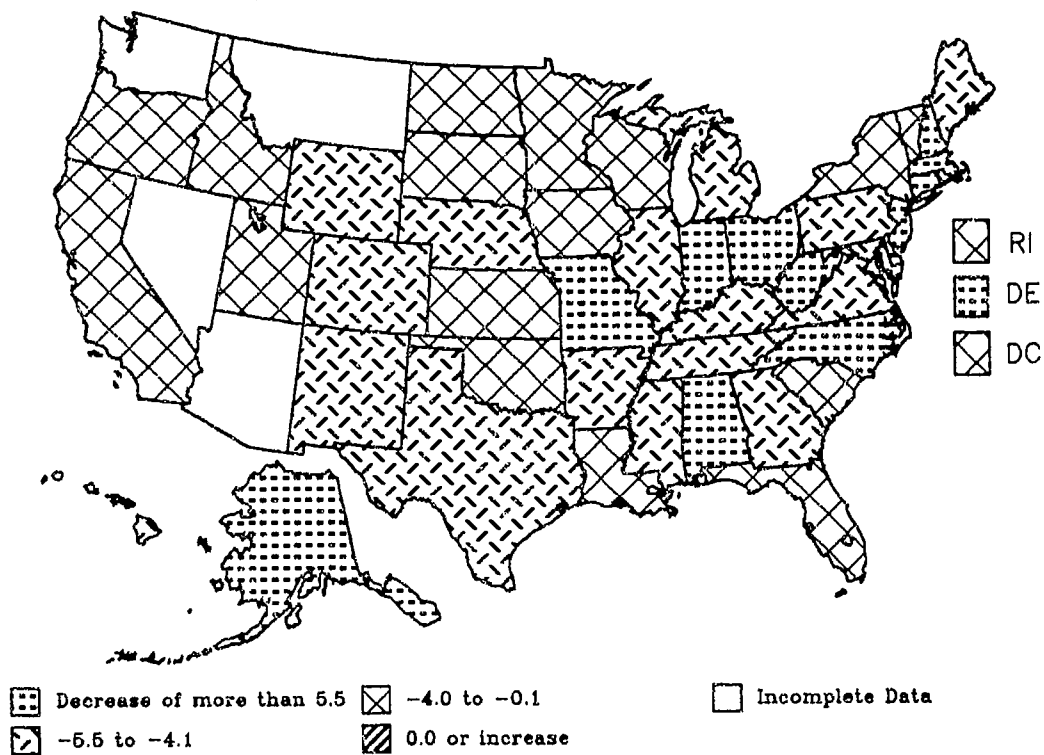
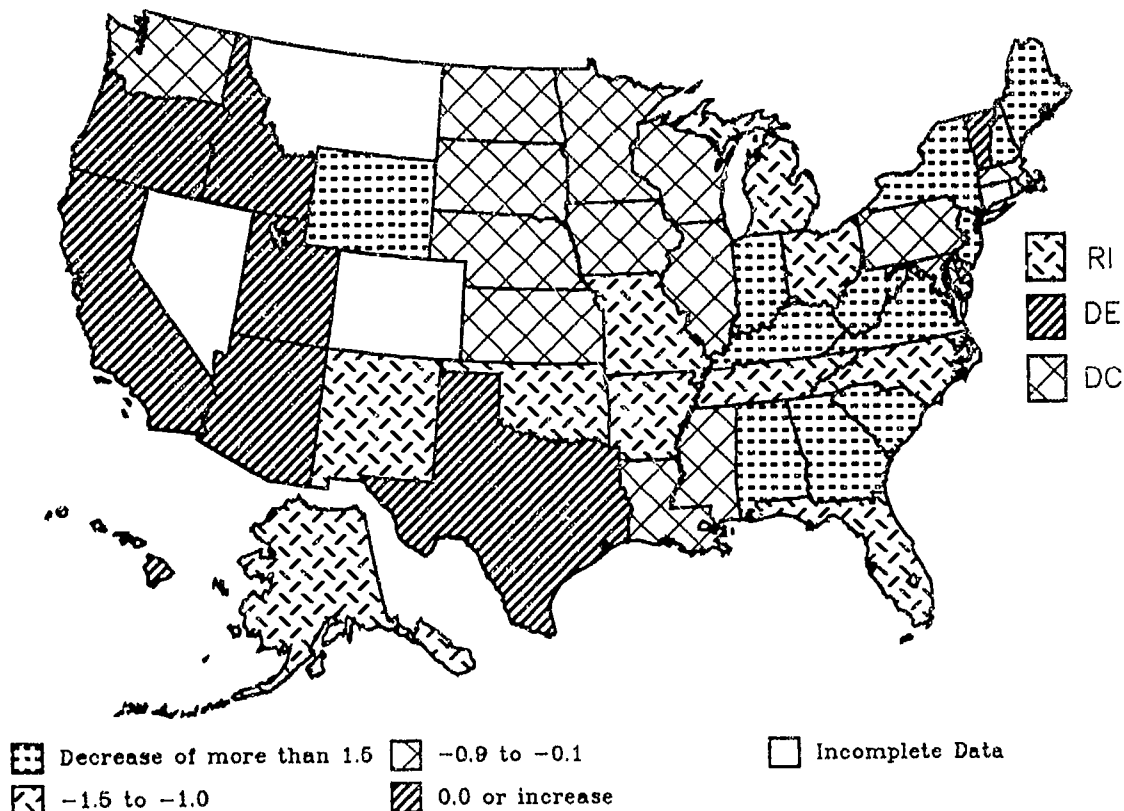


Chart 10b.— Percentage change in pupils per staff member in public elementary and secondary schools, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, various years; and Common Core of Data surveys.

**Table 11.—Estimated average annual teacher salaries in public elementary and secondary schools, by region and state: 1969-70 to 1989-90 (in unadjusted dollars)**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b> .....	<b>\$8,626</b>	<b>\$9,268</b>	<b>\$9,703</b>	<b>\$10,174</b>	<b>\$10,770</b>	<b>\$11,641</b>	<b>\$12,600</b>	<b>\$13,354</b>	<b>\$14,198</b>
<b>Northeast</b> .....	<b>9,399</b>	<b>10,058</b>	<b>10,728</b>	<b>11,281</b>	<b>11,913</b>	<b>12,953</b>	<b>14,086</b>	<b>14,862</b>	<b>15,701</b>
Connecticut .....	9,262	10,079	10,295	10,604	11,038	11,805	12,818	13,659	14,299
Maine .....	7,572	8,127	8,546	8,977	9,238	9,806	10,620	11,116	11,739
Massachusetts .....	8,764	9,611	10,178	10,519	11,128	12,734	13,519	14,311	15,200
New Hampshire .....	7,771	8,311	8,457	9,157	9,611	9,998	10,250	10,495	11,100
New Jersey .....	9,130	10,025	10,726	11,739	11,897	12,594	13,606	14,518	15,369
New York .....	10,336	11,034	11,828	12,359	13,362	14,700	16,315	17,149	17,831
Pennsylvania .....	8,858	9,186	9,901	10,389	10,921	11,618	12,614	13,431	14,459
Rhode Island .....	8,776	9,301	9,910	10,606	11,407	12,371	13,001	14,109	15,985
Vermont .....	7,968	8,256	8,494	8,867	8,937	9,679	10,101	10,804	11,305
<b>Midwest</b> .....	<b>8,759</b>	<b>9,454</b>	<b>9,822</b>	<b>10,302</b>	<b>10,802</b>	<b>11,639</b>	<b>12,545</b>	<b>13,319</b>	<b>14,130</b>
Illinois .....	9,569	10,249	10,624	11,341	11,984	13,165	14,092	14,657	15,926
Indiana .....	8,833	9,421	9,772	10,047	10,492	11,186	11,962	12,776	13,408
Iowa .....	8,355	9,085	9,187	9,597	9,854	10,655	12,132	12,533	13,340
Kansas .....	7,612	8,027	8,251	8,505	8,895	9,332	10,864	11,280	12,033
Michigan .....	9,826	10,962	11,620	11,877	12,473	13,862	14,602	15,525	16,440
Minnesota .....	8,658	9,778	10,218	10,553	11,076	11,790	12,726	13,963	14,167
Missouri .....	7,799	8,183	8,682	9,059	9,526	9,990	10,802	11,449	12,154
Nebraska .....	7,375	8,125	8,465	8,704	9,168	9,364	10,409	11,172	11,853
North Dakota .....	6,696	7,253	7,586	8,052	8,472	9,239	10,315	10,683	11,298
Ohio .....	8,300	8,677	8,780	9,628	10,101	10,730	11,557	12,511	13,306
South Dakota .....	6,403	7,392	7,628	7,860	8,109	8,708	9,408	10,182	10,850
Wisconsin .....	8,963	9,634	10,012	10,414	10,830	11,433	12,351	13,242	14,045
<b>South</b> .....	<b>7,472</b>	<b>8,011</b>	<b>8,399</b>	<b>8,773</b>	<b>9,338</b>	<b>10,049</b>	<b>10,912</b>	<b>11,542</b>	<b>12,435</b>
Alabama .....	6,818	7,377	7,737	8,105	9,227	9,304	10,501	10,499	11,666
Arkansas .....	6,307	6,525	6,842	7,333	7,820	8,651	9,595	9,733	10,398
Delaware .....	9,015	9,725	10,420	10,593	11,303	12,009	12,539	13,152	13,741
District of Columbia .....	10,285	10,607	11,020	12,127	12,733	14,355	15,681	17,065	18,235
Florida .....	8,412	8,797	8,938	9,250	9,989	10,287	10,502	12,146	12,780
Georgia .....	7,276	7,494	7,917	8,685	9,365	10,135	10,834	11,170	12,111
Kentucky .....	6,953	7,198	7,362	7,796	8,301	8,941	9,784	10,925	11,723
Louisiana .....	7,028	8,306	8,766	8,837	9,166	9,800	10,657	10,878	12,478
Maryland .....	9,383	10,091	10,463	11,159	11,741	12,626	13,702	14,696	15,810
Mississippi .....	5,798	6,004	6,530	6,908	7,605	8,033	9,276	9,399	10,432
North Carolina .....	7,494	7,772	8,587	9,080	10,229	10,990	11,260	11,892	12,770
Oklahoma .....	6,882	7,657	7,700	7,794	8,230	8,942	9,702	10,527	11,519
South Carolina .....	6,927	6,950	7,354	8,004	8,550	9,465	9,916	10,500	11,420
Tennessee .....	7,050	7,550	7,995	8,298	8,841	9,916	10,327	11,159	11,919
Texas .....	7,255	8,147	8,472	8,681	8,922	9,788	11,318	11,564	12,538
Virginia .....	8,070	8,581	9,084	9,513	9,919	10,671	11,302	12,047	12,544
West Virginia .....	7,650	7,626	8,110	8,099	8,313	9,106	10,436	11,428	12,061
<b>West</b> .....	<b>9,478</b>	<b>10,142</b>	<b>10,551</b>	<b>11,038</b>	<b>11,836</b>	<b>12,906</b>	<b>13,958</b>	<b>14,992</b>	<b>15,847</b>
Alaska .....	10,560	13,570	14,129	14,663	15,667	16,381	19,308	20,880	22,541
Arizona .....	8,711	9,281	9,915	10,063	10,428	10,807	11,776	12,911	13,614
California .....	10,315	11,025	11,418	12,072	13,106	14,315	15,285	16,316	17,149
Colorado .....	7,761	8,615	9,264	9,566	10,131	10,929	12,031	13,202	14,018
Hawaii .....	9,453	10,285	10,321	10,531	11,114	13,684	15,209	16,770	17,722
Idaho .....	6,890	7,068	7,367	7,657	8,260	9,242	10,212	10,972	11,726
Montana .....	7,606	8,130	8,529	8,949	9,428	9,994	11,044	11,740	12,658
Nevada .....	9,215	9,517	10,192	10,864	11,576	12,227	12,768	13,472	14,288
New Mexico .....	7,796	8,114	8,227	8,715	9,181	10,005	10,206	11,854	12,840
Oregon .....	8,816	9,048	9,473	9,550	9,927	10,809	12,283	13,044	13,838
Utah .....	7,644	8,049	8,454	8,499	9,141	10,052	11,180	12,168	12,839
Washington .....	9,225	9,900	10,176	10,591	11,295	12,415	13,687	14,921	16,114
Wyoming .....	8,232	8,694	9,234	9,294	9,689	10,317	12,055	13,082	14,115

**Table 11.—Estimated average annual teacher salaries in public elementary and secondary schools, by region and state: 1969-70 to 1989-90 (in unadjusted dollars)—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
\$15,032	\$15,970	\$17,644	\$19,374	\$20,695	\$21,935	\$23,600	\$25,199	\$26,565	\$28,023
16,610	17,603	18,967	20,697	22,322	24,113	25,478	27,512	29,226	31,471
15,482	16,229	17,404	18,858	20,731	22,627	24,468	26,610	28,902	33,487
12,275	13,071	13,994	15,105	16,248	17,328	18,330	19,583	21,257	23,425
17,007	17,253	18,798	20,249	21,841	22,958	24,618	26,496	28,922	30,379
11,838	13,017	13,702	14,894	16,549	17,376	18,577	20,263	21,869	24,019
16,186	17,161	18,245	19,910	21,536	23,264	24,830	27,170	28,718	30,720
18,512	19,812	21,326	23,437	25,000	27,319	28,213	30,490	32,000	34,500
15,511	16,515	17,890	19,482	21,178	22,703	24,192	25,853	27,422	29,177
16,778	18,002	20,088	21,659	23,175	25,337	27,693	29,470	31,079	32,858
11,786	12,484	13,540	14,715	16,271	17,606	18,999	20,796	21,835	24,519
15,080	16,162	17,913	19,587	21,122	22,531	23,867	25,374	26,709	28,117
16,517	17,601	19,426	21,020	22,315	24,191	25,477	26,897	28,238	29,663
14,285	15,599	17,211	18,636	20,150	21,538	22,853	24,325	25,581	27,029
14,186	15,203	16,961	18,270	19,257	20,149	20,934	21,663	22,581	24,842
12,746	13,690	15,250	16,712	18,231	19,411	21,121	22,644	23,459	24,647
18,004	19,663	21,779	24,304	25,712	27,104	28,440	30,067	31,412	33,151
15,509	15,912	17,777	19,907	22,876	24,350	25,450	27,360	28,340	29,900
12,711	13,682	15,421	16,413	17,521	19,269	20,452	21,945	23,435	24,709
12,635	13,516	14,882	16,570	17,412	18,785	19,848	20,939	21,834	22,683
12,012	13,263	14,881	17,426	18,770	19,260	20,090	20,816	21,284	21,660
14,279	15,269	16,904	18,550	20,004	21,290	22,878	24,518	26,288	27,606
11,419	12,348	13,668	14,717	15,595	16,440	17,380	18,095	18,781	19,758
14,906	16,006	17,606	19,387	21,496	22,811	24,577	26,347	27,815	29,122
13,195	14,078	15,609	17,026	18,369	19,190	21,219	22,718	23,794	24,885
12,948	13,060	15,496	15,612	17,619	17,682	20,295	23,090	23,200	23,320
11,121	12,299	13,273	14,506	15,029	16,929	18,696	19,519	19,904	20,340
15,117	16,148	18,025	19,290	20,625	20,934	22,924	24,624	27,467	29,573
19,586	22,190	22,882	24,265	26,633	28,667	31,709	33,211	33,797	34,705
13,186	14,149	15,406	16,780	18,275	19,497	20,836	22,750	23,833	25,198
13,274	13,853	15,445	16,363	17,412	18,630	20,610	23,946	24,200	26,190
13,170	14,520	15,750	17,290	18,385	19,660	20,230	20,948	22,476	24,253
13,004	13,760	16,010	17,930	18,420	18,400	19,490	20,303	21,196	21,209
16,587	17,558	18,998	21,120	22,922	23,870	25,861	26,800	28,893	30,933
11,100	11,850	13,017	14,135	14,320	15,812	15,923	18,472	19,447	20,562
13,674	14,117	15,861	16,947	17,585	18,311	20,812	22,340	23,879	24,900
12,233	13,107	15,182	16,210	18,270	18,630	19,019	21,419	21,465	21,630
12,121	13,033	14,353	15,615	16,523	17,384	20,143	21,595	23,201	24,728
12,921	13,972	15,118	16,285	17,380	17,910	20,474	21,384	22,627	23,765
13,038	14,132	15,728	17,582	19,550	20,170	23,264	24,463	24,903	25,558
13,272	14,060	15,535	17,008	18,535	19,676	21,272	23,095	25,039	27,189
12,752	13,710	14,558	17,129	17,322	17,489	19,563	20,627	21,446	21,736
16,543	17,308	19,707	21,521	22,739	23,837	25,687	27,119	28,697	30,084
24,150	27,210	29,030	31,924	33,983	37,807	38,461	39,115	39,769	40,424
14,430	15,054	17,158	19,211	21,119	21,642	23,380	24,680	25,972	27,388
17,579	18,020	20,893	22,755	23,614	24,843	27,410	29,130	31,219	33,159
14,990	16,205	17,734	19,577	21,470	23,276	24,454	25,892	27,387	28,651
18,357	19,920	21,147	22,542	24,796	24,357	24,628	25,845	26,815	28,785
12,607	13,611	15,109	16,401	17,585	17,985	20,033	20,969	21,480	22,242
13,651	14,537	15,967	17,770	19,702	20,690	21,705	22,482	23,206	23,798
15,336	16,295	17,700	19,940	22,070	22,360	22,520	25,610	26,960	27,600
14,087	14,887	16,812	18,690	20,380	20,571	21,811	21,982	23,722	23,804
14,924	16,266	18,047	20,305	21,746	23,155	24,378	25,660	26,690	28,060
13,890	14,909	16,900	18,106	19,859	20,007	21,170	22,553	22,956	22,555
17,357	18,820	21,268	22,954	23,488	24,365	25,505	26,209	27,285	28,217
14,469	16,012	18,718	21,249	23,690	25,197	26,398	27,224	28,103	27,134

SOURCE: National Education Association, *Estimates of School Statistics*, various years; and unpublished data. (Latest edition 1990-91. Copyrighted © 1991 by the National Education Association. All rights reserved.)

**Table 11.—Estimated average annual teacher salaries in public elementary and secondary schools, by region and state: 1969-70 to 1989-90 (in unadjusted dollars)—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1989-90	1969-70 to 1979-80	1979-80 to 1989-90	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1989-90
<b>United States</b> .....	<b>\$29,570</b>	<b>\$31,331</b>	263.2	85.1	96.2	35.0	37.2	47.8	32.8
<b>Northeast</b> .....	<b>33,702</b>	<b>36,049</b>	<b>283.5</b>	<b>87.3</b>	<b>104.8</b>	<b>37.8</b>	<b>35.9</b>	<b>44.7</b>	<b>41.5</b>
Connecticut .....	37,343	40,461	336.8	75.2	149.3	27.5	37.5	50.8	65.4
Maine .....	24,938	26,881	255.0	72.6	105.7	29.5	33.3	40.2	46.7
Massachusetts .....	32,221	34,712	296.1	96.9	101.2	45.3	35.5	42.7	41.0
New Hampshire .....	26,702	28,986	273.0	67.5	122.7	28.7	30.2	42.7	56.0
New Jersey .....	33,037	35,676	290.8	88.0	107.9	37.9	36.3	44.7	43.7
New York .....	36,654	38,925	276.6	91.7	96.5	42.2	34.8	42.4	38.0
Pennsylvania .....	31,248	33,338	276.4	86.4	101.9	31.2	42.2	46.5	37.8
Rhode Island .....	34,233	36,057	310.9	105.1	100.3	41.0	45.5	53.8	30.2
Vermont .....	27,092	28,798	261.4	56.7	130.7	21.5	29.0	52.2	51.6
<b>Midwest</b> .....	<b>29,736</b>	<b>31,081</b>	<b>254.8</b>	<b>84.5</b>	<b>92.3</b>	<b>32.9</b>	<b>38.9</b>	<b>47.7</b>	<b>30.2</b>
Illinois .....	31,145	32,794	242.7	83.9	86.3	37.6	33.7	44.7	28.7
Indiana .....	29,331	30,378	243.9	76.6	94.7	26.6	39.5	46.5	32.9
Iowa .....	25,778	26,747	220.1	82.0	75.9	27.5	42.7	37.7	27.8
Kansas .....	27,360	28,744	277.6	79.8	110.0	22.6	46.7	54.3	36.1
Michigan .....	34,823	36,010	266.5	100.1	83.1	41.1	41.8	44.6	26.6
Minnesota .....	30,660	32,190	271.8	83.8	102.3	36.2	35.0	59.9	26.5
Missouri .....	26,006	27,229	249.1	75.4	99.0	28.1	37.0	49.5	33.1
Nebraska .....	23,845	25,522	246.1	83.3	88.8	25.6	45.9	46.8	28.6
North Dakota .....	22,249	23,016	243.7	98.1	73.5	38.0	43.6	51.5	14.6
Ohio .....	29,671	31,218	276.1	84.0	104.5	29.3	42.3	49.8	36.5
South Dakota .....	20,530	21,300	232.7	92.8	72.5	36.0	41.8	40.8	22.6
Wisconsin .....	30,779	31,921	256.1	78.6	99.4	27.6	40.0	53.5	29.9
<b>South</b> .....	<b>26,174</b>	<b>27,626</b>	<b>269.4</b>	<b>88.3</b>	<b>96.2</b>	<b>34.4</b>	<b>40.1</b>	<b>50.7</b>	<b>30.2</b>
Alabama .....	25,190	25,300	271.1	91.6	93.7	36.5	40.4	55.4	24.7
Arkansas .....	21,395	22,352	254.4	95.0	81.7	37.2	42.2	52.0	19.6
Delaware .....	31,585	33,377	270.2	79.1	106.7	33.2	34.5	42.0	45.6
District of Columbia .....	36,290	37,950	269.0	115.8	71.0	39.6	54.6	42.9	19.7
Florida .....	26,974	28,803	242.4	68.2	103.6	22.3	37.5	47.3	38.2
Georgia .....	26,920	28,006	284.9	90.4	102.2	39.3	36.7	48.8	35.9
Kentucky .....	24,930	26,292	278.1	108.8	81.1	28.6	62.4	39.3	30.0
Louisiana .....	22,470	24,300	245.8	95.8	76.6	39.4	40.4	41.6	24.7
Maryland .....	33,895	36,601	290.1	87.1	108.5	34.6	39.1	47.3	41.5
Mississippi .....	22,578	24,364	320.2	104.4	105.6	38.5	47.5	34.4	53.0
North Carolina .....	25,738	27,883	272.1	88.4	97.5	46.7	28.5	47.4	34.0
Oklahoma .....	22,370	23,070	235.2	90.5	76.0	29.9	46.6	45.1	21.3
South Carolina .....	25,633	27,217	292.9	88.6	108.4	36.6	38.0	54.2	35.1
Tennessee .....	25,619	27,052	283.7	98.2	93.6	40.7	40.9	46.5	32.1
Texas .....	26,527	27,496	279.0	94.8	94.6	34.9	44.4	64.6	18.2
Virginia .....	28,967	30,958	283.6	74.2	120.2	32.2	31.8	51.3	45.5
West Virginia .....	21,904	22,842	198.6	79.2	66.6	19.0	50.6	42.7	16.8
<b>West</b> .....	<b>31,224</b>	<b>33,597</b>	<b>254.5</b>	<b>82.6</b>	<b>94.1</b>	<b>36.2</b>	<b>34.1</b>	<b>48.4</b>	<b>30.8</b>
Alaska .....	41,754	43,153	308.6	157.7	58.6	55.1	66.1	41.3	12.2
Arizona .....	28,499	29,402	237.5	72.8	95.3	24.1	39.3	55.3	25.8
California .....	34,684	37,998	268.4	74.7	110.9	38.8	25.9	52.1	38.6
Colorado .....	29,558	30,758	296.3	108.8	89.8	40.8	48.3	50.9	25.8
Hawaii .....	30,778	32,047	239.0	110.7	60.9	44.8	45.6	23.6	30.1
Idaho .....	22,734	23,861	246.3	97.5	75.3	34.1	47.3	47.2	19.1
Montana .....	24,421	25,081	229.8	91.1	72.5	31.4	45.5	49.3	15.6
Nevada .....	28,840	30,590	232.0	76.8	87.7	32.7	33.3	38.2	35.8
New Mexico .....	23,897	25,120	222.2	91.0	68.7	28.3	48.8	46.5	15.2
Oregon .....	29,390	30,840	249.7	84.5	89.6	22.6	50.5	49.9	26.5
Utah .....	22,852	23,686	209.9	95.0	58.9	31.5	48.3	42.0	11.9
Washington .....	29,199	30,457	230.2	104.0	61.8	34.6	51.6	35.5	19.4
Wyoming .....	27,685	28,188	242.4	94.5	76.0	25.3	55.2	64.9	6.8

Chart 11a. — Percentage change in estimated average annual teacher salaries in public elementary and secondary schools, by state: 1969-70 to 1989-90 (in unadjusted dollars)

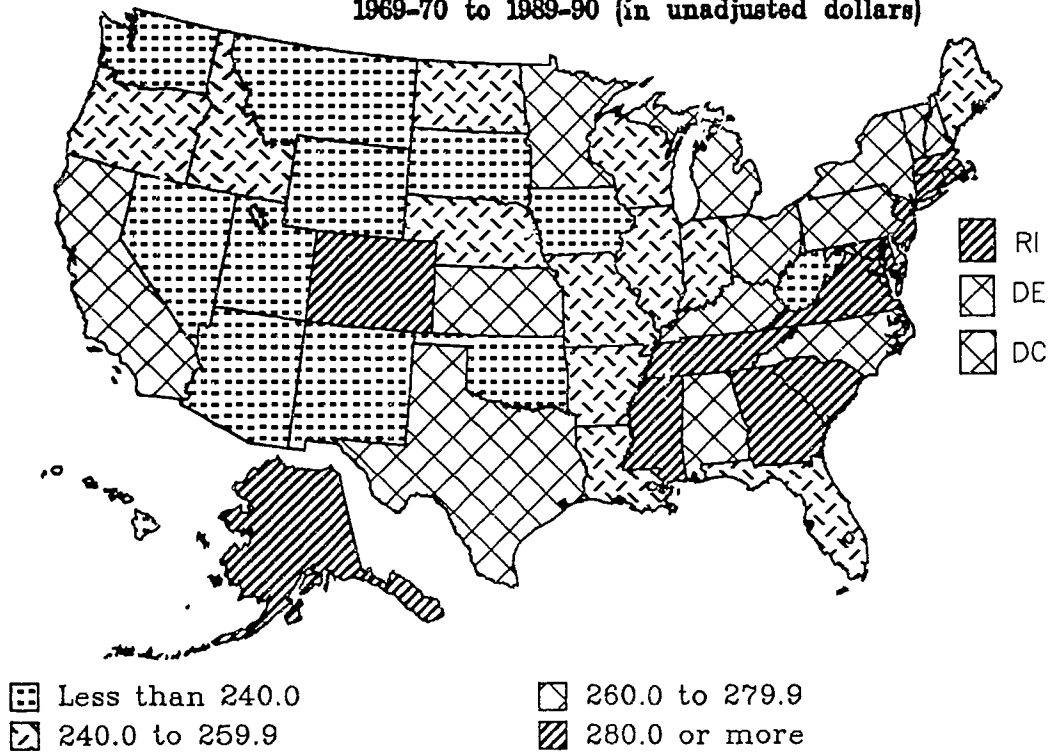
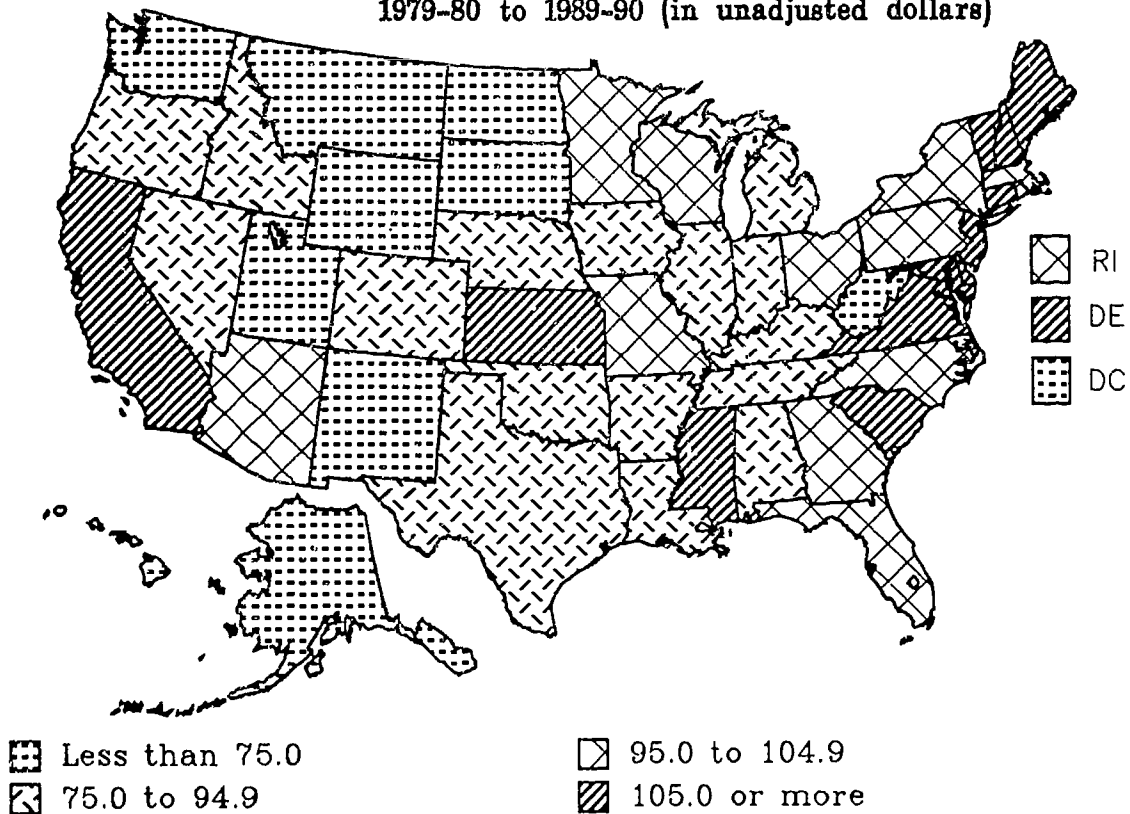


Chart 11b. — Percentage change in estimated average annual teacher salaries in public elementary and secondary schools, by state: 1979-80 to 1989-90 (in unadjusted dollars)



SOURCE: National Education Association, *Estimates of School Statistics*, various years; and unpublished data. (Latest Edition 1990-91. Copyrighted ©1991 by the National Education Association. All Rights Reserved.)

**Table 12.—Estimated average annual teacher salaries in public elementary and secondary schools, by region and state: 1969-70 to 1989-90 (in constant 1989-90 dollars)**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b>	<b>\$28,995</b>	<b>\$29,624</b>	<b>\$29,946</b>	<b>\$30,178</b>	<b>\$29,330</b>	<b>\$28,539</b>	<b>\$28,849</b>	<b>\$28,890</b>	<b>\$28,783</b>
<b>Northeast</b>	<b>31,594</b>	<b>32,147</b>	<b>33,102</b>	<b>33,461</b>	<b>32,442</b>	<b>31,756</b>	<b>32,251</b>	<b>32,152</b>	<b>31,831</b>
Connecticut	31,133	32,716	31,767	31,453	30,060	28,942	29,348	29,550	28,988
Maine	25,452	25,977	26,370	26,627	25,158	24,041	24,315	24,048	23,798
Massachusetts	29,459	30,720	31,406	31,201	30,305	31,219	30,953	30,961	30,815
New Hampshire	26,121	26,565	26,095	27,161	26,174	24,511	23,468	22,705	22,503
New Jersey	30,689	32,043	33,097	34,820	32,399	30,876	31,152	31,408	31,157
New York	34,743	35,269	36,497	36,659	36,389	36,039	37,354	37,100	36,149
Pennsylvania	29,775	29,362	30,551	30,815	29,741	28,483	28,881	29,057	29,313
Rhode Island	29,499	29,729	30,579	31,459	31,065	30,329	29,767	30,524	32,406
Vermont	26,783	26,389	26,210	26,301	24,338	23,729	23,127	23,374	22,918
<b>Midwest</b>	<b>29,442</b>	<b>30,220</b>	<b>30,309</b>	<b>30,557</b>	<b>29,418</b>	<b>28,534</b>	<b>28,723</b>	<b>28,814</b>	<b>28,646</b>
Illinois	32,165	32,759	32,782	33,637	32,636	32,276	32,265	31,709	32,287
Indiana	29,691	30,113	30,153	29,801	28,573	27,424	27,388	27,640	27,182
Iowa	28,084	29,039	28,348	28,466	26,836	26,122	27,777	27,114	27,044
Kansas	25,587	25,657	25,460	25,227	24,224	22,879	24,874	24,403	24,394
Michigan	33,029	35,038	35,855	35,229	33,968	33,985	33,432	33,587	33,329
Minnesota	29,103	31,254	31,529	31,302	30,164	28,905	29,137	30,208	28,721
Missouri	26,215	26,156	26,790	26,870	25,942	24,492	24,732	24,769	24,640
Nebraska	24,790	25,970	26,120	25,817	24,967	22,712	23,832	24,170	24,029
North Dakota	22,508	23,183	23,408	23,883	23,072	22,651	23,617	23,112	22,904
Ohio	27,899	27,735	27,092	28,558	27,508	26,306	26,461	27,066	26,975
South Dakota	21,523	23,627	23,537	23,314	22,083	21,349	21,540	22,030	21,996
Wisconsin	30,128	30,794	30,894	30,889	29,494	28,030	28,278	28,648	28,473
<b>South</b>	<b>25,137</b>	<b>25,604</b>	<b>25,918</b>	<b>26,023</b>	<b>25,431</b>	<b>24,636</b>	<b>24,984</b>	<b>24,970</b>	<b>25,210</b>
Alabama	22,918	23,579	23,874	24,041	25,128	22,810	24,043	22,714	23,650
Arkansas	21,200	20,856	21,112	21,751	21,296	21,209	21,968	21,056	21,080
Delaware	30,303	31,085	32,153	31,420	30,782	29,442	28,709	28,453	27,857
District of Columbia	34,571	33,904	34,004	35,971	34,676	35,193	35,903	36,919	36,968
Florida	28,276	28,118	27,580	27,437	27,203	25,220	24,045	26,277	25,909
Georgia	24,457	23,953	24,429	25,761	25,504	24,847	24,805	24,165	24,552
Kentucky	23,371	23,007	22,717	23,124	22,606	21,920	22,401	23,635	23,766
Louisiana	23,624	26,549	27,049	26,212	24,962	24,026	24,400	23,534	25,296
Maryland	31,540	32,254	32,185	33,099	31,975	30,954	31,372	31,794	32,051
Mississippi	19,489	19,191	20,249	20,490	20,714	19,694	21,238	20,334	21,149
North Carolina	25,190	24,842	26,497	26,933	27,857	26,943	25,781	25,727	25,888
Oklahoma	23,133	24,474	23,760	23,118	22,413	21,923	22,213	22,774	23,352
South Carolina	23,284	22,215	22,692	23,741	23,284	23,205	22,703	22,716	23,152
Tennessee	23,698	24,132	24,670	24,613	24,077	24,310	23,644	24,142	24,163
Texas	24,387	26,041	26,142	25,749	24,298	23,997	25,913	25,018	25,418
Virginia	27,126	27,428	28,030	28,217	27,013	26,161	25,877	26,063	25,430
West Virginia	25,714	24,375	25,025	24,023	22,639	22,325	23,894	24,723	24,451
<b>West</b>	<b>31,859</b>	<b>32,417</b>	<b>32,556</b>	<b>32,742</b>	<b>32,232</b>	<b>31,640</b>	<b>31,959</b>	<b>32,434</b>	<b>32,127</b>
Alaska	35,496	43,374	43,597	43,493	42,666	40,160	44,207	45,172	45,697
Arizona	29,281	29,665	30,594	29,848	28,399	26,495	26,962	27,932	27,599
California	34,672	35,240	35,232	35,807	35,692	35,095	34,996	35,298	34,766
Colorado	26,087	27,537	28,586	28,671	27,590	26,794	27,546	28,561	28,418
Hawaii	31,775	32,874	31,847	31,237	30,267	33,548	34,822	36,280	35,928
Idaho	23,160	22,592	22,732	22,712	22,495	22,658	23,381	23,737	23,772
Montana	25,566	25,986	26,318	26,544	25,676	24,502	25,286	25,398	25,682
Nevada	30,975	30,420	31,449	32,224	31,525	29,976	29,233	29,145	28,966
New Mexico	26,205	25,935	25,386	25,850	25,003	24,529	24,741	25,645	26,030
Oregon	29,640	28,921	29,246	28,327	27,034	26,500	28,123	28,220	28,054
Utah	25,694	25,727	26,086	25,209	24,894	24,644	25,597	26,324	26,028
Washington	31,008	31,644	31,400	31,415	30,760	30,437	31,337	32,280	32,668
Wyoming	27,671	27,789	28,493	27,567	26,386	25,294	27,601	28,302	28,615

**Table 12.—Estimated average annual teacher salaries in public elementary and secondary schools, by region and state:  
1969-70 to 1989-90 (in constant 1989-90 dollars)—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>\$27,864</b>	<b>\$26,120</b>	<b>\$25,863</b>	<b>\$26,005</b>	<b>\$26,773</b>	<b>\$27,364</b>	<b>\$28,332</b>	<b>\$29,404</b>	<b>\$30,325</b>	<b>\$30,716</b>
30,789	28,791	27,801	27,925	28,877	30,082	30,587	32,103	33,362	34,496
28,698	26,544	25,511	25,444	26,819	28,227	29,374	31,050	32,992	36,705
22,754	21,379	20,512	20,380	21,020	21,617	22,005	22,851	24,265	25,676
31,525	28,219	27,554	27,321	28,255	28,640	29,554	30,917	33,015	33,299
21,944	21,290	20,084	20,096	21,409	21,677	22,302	23,644	24,964	26,327
30,003	28,068	26,744	26,864	27,861	29,022	29,809	31,704	32,782	33,672
34,315	32,404	31,260	31,622	32,342	34,081	33,870	35,578	36,529	37,816
28,752	27,012	26,223	26,286	27,398	28,322	29,043	30,167	31,303	31,981
31,101	29,444	29,445	29,223	29,981	31,608	33,246	34,388	35,477	36,016
21,847	20,419	19,847	19,854	21,050	21,964	22,809	24,266	24,925	26,875
<b>27,954</b>	<b>26,434</b>	<b>26,256</b>	<b>26,428</b>	<b>27,325</b>	<b>28,108</b>	<b>28,652</b>	<b>29,608</b>	<b>30,489</b>	<b>30,819</b>
30,617	28,788	28,475	28,361	28,869	30,178	30,586	31,385	32,234	32,514
26,479	25,513	25,228	25,145	26,068	26,869	27,435	28,384	29,201	29,627
26,296	24,866	24,861	24,651	24,912	25,136	25,132	25,278	25,777	27,229
23,627	22,391	22,353	22,549	23,585	24,215	25,356	26,423	26,779	27,016
33,373	32,160	31,924	32,792	33,263	33,812	34,143	35,084	35,858	36,337
28,748	26,025	26,058	26,859	29,594	30,377	30,553	31,925	32,351	32,774
23,562	22,378	22,604	22,145	22,667	24,038	24,553	25,607	26,752	27,084
23,421	22,107	21,814	22,357	22,526	23,434	23,828	24,433	24,924	24,863
22,266	21,693	21,813	23,512	24,282	24,027	24,118	24,290	24,296	23,742
26,468	24,974	24,778	25,029	25,879	26,559	27,465	28,609	30,008	30,259
21,167	20,196	20,035	19,857	20,175	20,559	20,865	21,114	21,439	21,657
27,631	26,179	25,807	26,158	27,809	28,457	29,505	30,743	31,751	31,921
<b>24,458</b>	<b>23,026</b>	<b>22,880</b>	<b>22,972</b>	<b>23,764</b>	<b>23,940</b>	<b>25,473</b>	<b>26,509</b>	<b>27,161</b>	<b>27,277</b>
24,001	21,361	22,714	21,064	22,793	22,058	24,364	26,943	26,483	25,561
20,614	20,116	19,456	19,572	19,443	21,119	22,445	22,776	22,721	22,295
28,022	26,411	26,421	26,027	26,682	26,115	27,521	28,733	31,354	32,415
36,120	36,294	33,540	32,739	34,455	35,762	38,067	38,753	38,580	38,040
24,442	23,142	22,582	22,640	23,642	24,323	25,014	25,963	27,206	27,620
24,605	22,658	22,639	22,078	22,526	23,241	24,743	26,892	27,625	28,707
24,413	23,749	23,086	23,328	23,784	24,526	24,286	24,444	25,657	26,584
24,105	22,506	23,467	24,192	23,830	22,954	23,398	23,691	24,196	23,247
30,746	28,718	27,847	28,496	29,654	29,778	31,047	31,272	32,982	33,906
20,576	19,382	19,080	19,072	18,526	19,726	19,116	21,554	22,199	22,538
25,347	23,089	23,249	22,866	22,749	22,843	24,985	26,068	27,258	27,293
22,676	21,438	22,254	21,871	23,636	23,241	22,833	24,993	24,506	23,709
22,468	21,366	21,039	21,069	21,376	21,687	24,182	25,198	26,484	27,104
23,951	22,852	22,160	21,972	22,484	22,343	24,579	24,952	25,829	26,071
24,168	23,114	23,054	23,722	25,292	25,162	27,929	28,545	28,427	28,014
24,602	22,996	22,771	22,948	23,978	24,546	25,537	26,949	28,583	29,802
23,638	22,424	21,911	23,111	22,409	21,818	23,486	24,069	24,481	23,825
<b>30,664</b>	<b>28,309</b>	<b>28,887</b>	<b>29,037</b>	<b>29,417</b>	<b>29,736</b>	<b>30,837</b>	<b>31,645</b>	<b>32,758</b>	<b>32,975</b>
44,766	44,504	42,552	43,073	43,963	47,164	46,173	45,642	45,397	44,309
26,748	24,622	25,150	25,920	27,321	26,999	28,068	28,798	29,648	30,020
32,585	29,473	30,625	30,702	30,549	30,992	32,906	33,991	35,637	36,346
27,786	26,505	25,995	26,414	27,775	29,037	29,357	30,213	31,263	31,405
34,027	32,581	30,997	30,415	32,078	30,386	29,566	30,158	30,610	31,551
23,369	22,262	22,147	22,129	22,749	22,436	24,050	24,468	24,520	24,380
25,304	23,776	23,404	23,976	25,488	25,811	26,057	26,234	26,490	26,085
28,428	26,652	25,945	26,904	28,552	27,894	27,036	29,883	30,775	30,252
26,112	24,349	24,643	25,217	26,365	25,662	26,184	25,650	27,079	26,092
27,664	26,604	26,453	27,396	28,132	28,886	29,266	29,942	30,467	30,757
25,747	24,385	24,772	24,429	25,691	24,959	25,415	26,316	26,205	24,723
32,174	30,782	31,175	30,971	30,386	30,396	30,619	30,582	31,146	30,929
26,820	26,189	27,437	28,670	30,647	31,433	31,691	31,767	32,080	29,742

SOURCE: National Education Association, *Estimates of School Statistics*, various years; and unpublished data. (Latest edition 1990-91. Copyrighted © 1991 by the National Education Association. All rights reserved.)



Chart 12a. — Percentage change in estimated average annual teacher salaries in public elementary and secondary schools, by state: 1969-70 to 1989-90 (in constant 1989-90 dollars)

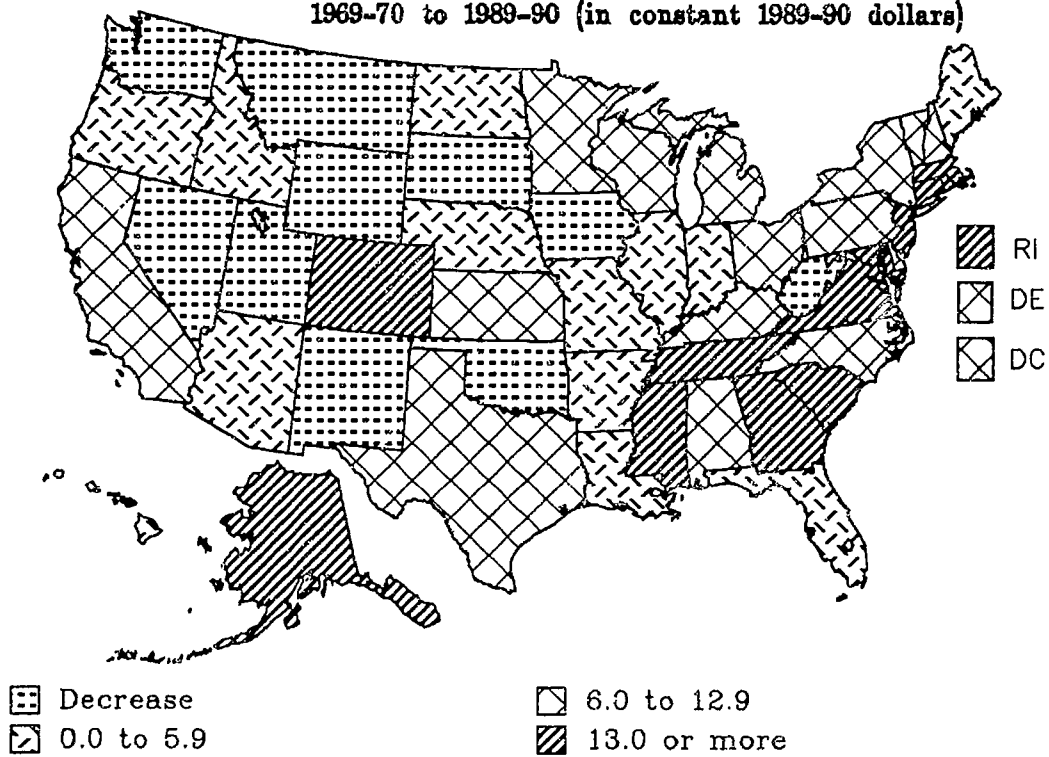
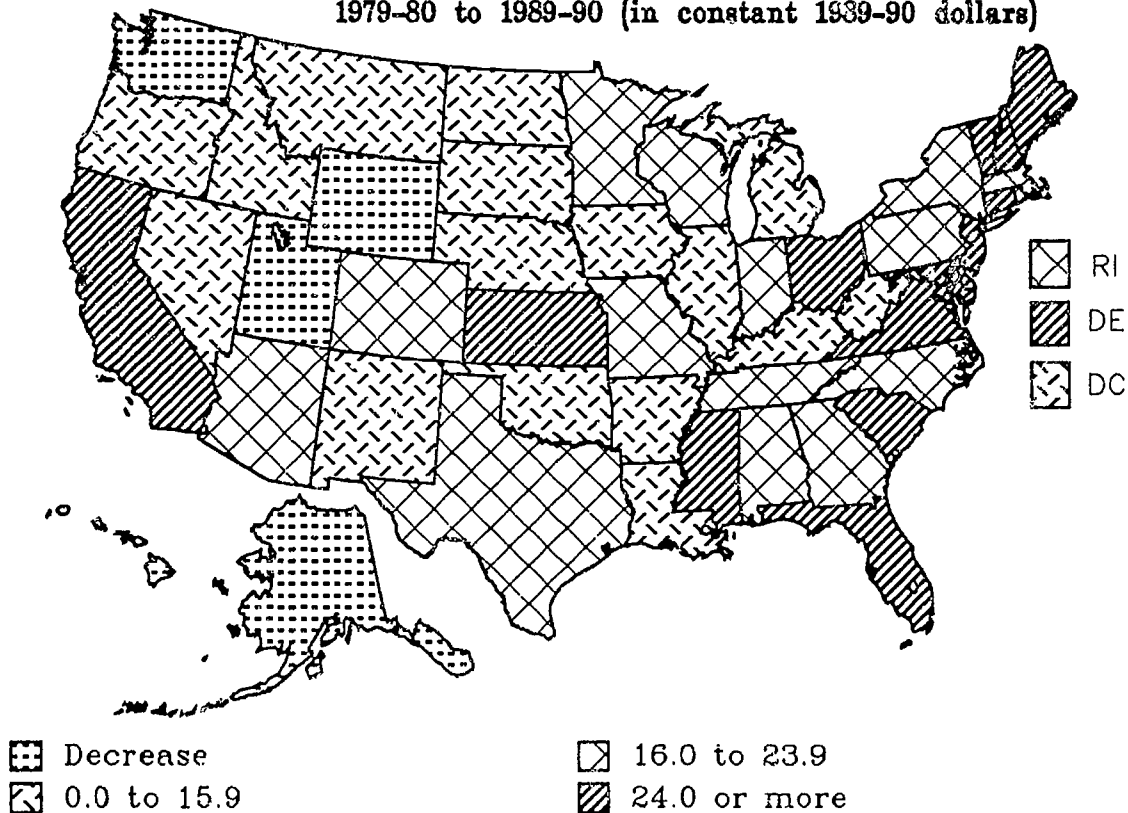


Chart 12b. — Percentage change in estimated average annual teacher salaries in public elementary and secondary schools, by state: 1979-80 to 1989-90 (in constant 1989-90 dollars)



SOURCE: National Education Association, *Estimates of School Statistics*, various years; and unpublished data. (Latest Edition 1990-91. Copyrighted ©1991 by the National Education Association. All Rights Reserved.)

**Table 12.—Estimated average annual teacher salaries in public elementary and secondary schools, by region and state: 1969-70 to 1989-90 (in constant 1989-90 dollars)—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1989-90	1969-70 to 1979-80	1979-80 to 1989-90	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1989-90
<b>United States</b> .....	<b>\$30,981</b>	<b>\$31,331</b>	<b>8.1</b>	<b>-9.9</b>	<b>19.9</b>	<b>-1.6</b>	<b>-8.5</b>	<b>8.5</b>	<b>10.6</b>
<b>Northeast</b> .....	<b>35,310</b>	<b>36,049</b>	<b>14.1</b>	<b>-8.9</b>	<b>25.2</b>	<b>0.5</b>	<b>-9.3</b>	<b>6.2</b>	<b>17.9</b>
Connecticut .....	39,125	40,461	30.0	-14.7	52.4	-7.0	-8.3	10.7	37.7
Maine .....	26,128	26,881	5.6	-16.0	25.7	-5.5	-11.1	2.9	22.2
Massachusetts .....	33,759	34,712	17.8	-4.2	23.0	6.0	-9.6	4.7	17.5
New Hampshire .....	27,976	28,986	11.0	-18.5	36.1	-6.2	-13.1	4.8	30.0
New Jersey .....	34,613	35,676	16.2	-8.5	27.1	0.6	-9.1	6.2	19.7
New York .....	38,403	38,925	12.0	-6.7	20.1	3.7	-10.1	4.5	14.9
Pennsylvania .....	32,739	33,338	12.0	-9.3	23.4	-4.3	-5.2	7.5	14.8
Rhode Island .....	35,867	36,057	22.2	-0.2	22.5	2.8	-2.9	12.9	8.5
Vermont .....	28,385	28,798	7.5	-23.8	41.0	-11.4	-14.0	11.7	26.3
<b>Midwest</b> .....	<b>31,155</b>	<b>31,081</b>	<b>5.6</b>	<b>-10.2</b>	<b>17.6</b>	<b>-3.1</b>	<b>-7.4</b>	<b>8.4</b>	<b>8.5</b>
Illinois .....	32,631	32,794	2.0	-10.5	13.9	0.3	-10.8	6.2	7.2
Indiana .....	30,731	30,378	2.3	-14.1	19.1	-7.6	-7.0	7.5	10.7
Iowa .....	27,008	26,747	-4.8	-11.5	7.6	-7.0	-4.8	1.1	6.4
Kansas .....	28,666	28,744	12.3	-12.5	28.4	-10.6	-2.1	13.2	13.4
Michigan .....	36,485	36,010	9.0	-2.6	12.0	2.9	-5.4	6.2	5.5
Minnesota .....	32,123	32,190	10.6	-10.6	23.7	-0.7	-10.0	17.4	5.4
Missouri .....	27,247	27,229	3.9	-14.6	21.7	-6.6	-8.6	9.7	10.9
Nebraska .....	24,983	25,522	3.0	-10.8	15.5	-8.4	-2.7	7.8	7.1
North Dakota .....	23,311	23,016	2.3	-3.6	6.1	0.6	-4.2	11.2	-4.6
Ohio .....	31,087	31,218	11.9	-10.5	25.0	-5.7	-5.1	10.0	13.7
South Dakota .....	21,510	21,300	-1.0	-6.2	5.5	-0.8	-5.4	3.3	2.1
Wisconsin .....	32,248	31,921	6.0	-13.1	21.9	-7.0	-6.6	12.7	8.2
<b>South</b> .....	<b>27,423</b>	<b>27,626</b>	<b>9.9</b>	<b>-8.4</b>	<b>20.0</b>	<b>-2.0</b>	<b>-6.5</b>	<b>10.6</b>	<b>8.5</b>
Alabama .....	26,392	25,300	10.4	-6.8	18.4	-0.5	-6.4	14.1	3.8
Arkansas .....	22,416	22,352	5.4	-5.1	11.1	0.0	-5.2	11.6	-0.4
Delaware .....	33,092	33,377	10.1	-12.8	26.4	-2.8	-10.3	4.2	21.3
District of Columbia .....	38,022	37,950	9.8	5.0	4.6	1.8	3.1	4.9	-0.3
Florida .....	28,261	28,803	1.9	-18.2	24.5	-10.8	-8.2	8.1	15.1
Georgia .....	28,205	28,006	14.5	-7.4	23.6	1.6	-8.8	9.2	13.2
Kentucky .....	26,120	26,292	12.5	1.6	10.7	-6.2	8.3	2.3	8.3
Louisiana .....	23,542	24,300	2.9	-4.7	8.0	1.7	-6.3	4.0	3.9
Maryland .....	35,512	36,601	16.0	-8.9	27.5	-1.9	-7.2	8.1	17.9
Mississippi .....	23,655	24,364	25.0	-0.6	25.7	1.1	-1.6	-1.4	27.5
North Carolina .....	26,966	27,883	10.7	-8.3	20.8	7.0	-14.3	8.2	11.6
Oklahoma .....	23,437	23,070	-0.3	-7.3	7.6	-5.2	-2.2	6.5	1.0
South Carolina .....	26,846	27,217	16.9	-8.2	27.4	-0.3	-7.9	13.2	12.6
Tennessee .....	26,841	27,052	14.2	-3.6	18.4	2.6	-6.0	7.6	10.1
Texas .....	27,793	27,496	12.8	-5.2	19.0	-1.6	-3.7	20.8	-1.5
Virginia .....	30,349	30,958	14.1	-15.2	34.6	-3.6	-12.1	11.1	21.2
West Virginia .....	22,949	22,842	-11.2	-12.8	1.9	-13.2	0.4	4.7	-2.7
<b>West</b> .....	<b>32,818</b>	<b>33,597</b>	<b>5.5</b>	<b>-11.1</b>	<b>18.7</b>	<b>-0.7</b>	<b>-10.5</b>	<b>8.9</b>	<b>9.0</b>
Alaska .....	43,746	43,153	21.6	25.4	-3.0	13.1	10.8	3.8	-6.5
Arizona .....	29,859	29,402	0.4	-15.9	19.4	-9.5	-7.1	14.0	4.8
California .....	36,339	37,998	9.6	-15.0	28.9	1.2	-16.0	11.0	15.5
Colorado .....	30,968	30,758	17.9	1.6	16.0	2.7	-1.1	10.8	4.8
Hawaii .....	32,247	32,047	0.9	2.5	-1.6	5.6	-2.9	-9.3	8.4
Idaho .....	23,819	23,861	3.0	-3.9	7.2	-2.2	-1.7	8.0	-0.8
Montana .....	25,586	25,081	-1.9	-7.0	5.5	-4.2	-3.0	9.6	-3.7
Nevada .....	30,216	30,590	-1.2	-14.0	14.8	-3.2	-11.1	1.4	13.1
New Mexico .....	25,037	25,120	-4.1	-7.1	3.2	-6.4	-0.7	7.5	-4.1
Oregon .....	30,792	30,840	4.0	-10.2	15.9	-10.6	0.4	10.0	5.4
Utah .....	23,942	23,686	-7.8	-5.1	-2.9	-4.1	-1.1	4.2	-6.8
Washington .....	30,592	30,457	-1.8	-0.7	-1.1	-1.8	1.1	-0.5	-0.5
Wyoming .....	29,006	28,188	1.9	-5.4	7.6	-8.6	3.5	21.0	-11.1





Table 13.—Current expenditures for public elementary and secondary schools, by region and state:  
1969-70 to 1989-90 (in thousands of unadjusted dollars)—Continued

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1988-89	1969-70 to 1979-80	1979-80 to 1988-89	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1988-89
<b>United States</b> .....	<b>\$172,932,385</b>	<b>\$185,249,660</b>	<b>405.4</b>	<b>154.2</b>	<b>98.8</b>	<b>65.6</b>	<b>53.5</b>	<b>45.2</b>	<b>36.9</b>
<b>Northeast</b> .....	<b>43,418,077</b>	<b>45,778,658</b>	<b>364.6</b>	<b>136.3</b>	<b>96.6</b>	<b>69.0</b>	<b>39.8</b>	<b>41.3</b>	<b>39.1</b>
Connecticut .....	2,984,542	3,110,000	407.0	108.6	143.1	60.9	29.6	72.5	40.9
Maine .....	921,931	1,019,656	491.3	147.3	139.2	62.1	52.5	55.4	53.9
Massachusetts .....	4,522,119	4,554,406	398.4	190.8	71.4	88.2	54.5	19.0	44.0
New Hampshire .....	733,230	932,181	623.3	191.4	148.2	84.0	58.3	60.2	55.0
New Jersey .....	7,309,147	7,730,812	444.0	170.8	100.9	76.3	53.6	29.1	55.6
New York .....	17,127,584	17,900,000	316.5	113.1	95.5	65.0	29.1	44.8	35.1
Pennsylvania .....	8,597,355	9,199,000	349.5	139.7	87.5	65.5	44.8	45.3	29.1
Rhode Island .....	736,942	809,345	406.7	148.9	103.5	71.5	45.2	45.2	40.2
Vermont .....	485,226	523,258	514.8	140.5	155.6	68.9	42.4	64.9	55.0
<b>Midwest</b> .....	<b>42,022,581</b>	<b>45,331,090</b>	<b>334.4</b>	<b>139.6</b>	<b>81.3</b>	<b>57.1</b>	<b>52.4</b>	<b>35.1</b>	<b>34.2</b>
Illinois .....	7,655,153	8,664,858	303.7	141.5	67.2	64.5	46.8	23.6	35.2
Indiana .....	3,779,468	4,044,031	367.1	128.8	104.2	48.2	54.4	45.6	40.2
Iowa .....	1,925,623	2,002,648	265.3	125.1	62.3	39.7	61.1	34.8	20.4
Kansas .....	1,712,260	1,840,680	372.2	128.9	106.3	48.7	54.0	58.5	30.2
Michigan .....	7,493,266	7,942,861	316.3	157.9	61.4	62.9	58.4	23.5	30.7
Minnesota .....	3,282,296	3,465,711	320.1	128.7	83.7	60.2	42.8	37.8	33.3
Missouri .....	3,096,666	3,066,000	382.3	134.4	105.8	57.7	48.7	40.0	47.0
Nebraska .....	1,105,009	1,180,517	377.1	151.1	90.0	65.2	52.0	49.6	27.0
North Dakota .....	431,814	483,631	341.1	133.4	89.0	46.0	59.8	59.9	18.2
Ohio .....	7,425,194	8,067,933	352.8	134.0	93.5	52.0	53.9	43.5	34.9
South Dakota .....	427,522	452,611	290.9	117.9	79.4	43.6	51.7	42.2	26.2
Wisconsin .....	3,688,311	4,119,609	374.5	145.5	93.3	59.4	54.0	39.2	38.9
<b>South</b> .....	<b>52,715,463</b>	<b>56,008,656</b>	<b>510.3</b>	<b>183.2</b>	<b>115.5</b>	<b>72.4</b>	<b>64.3</b>	<b>56.1</b>	<b>38.1</b>
Alabama .....	2,188,020	2,234,432	417.6	171.3	90.8	58.7	71.0	38.7	37.5
Arkansas .....	1,319,370	1,397,212	461.2	183.7	97.8	61.1	76.2	50.7	31.2
Delaware .....	479,327	562,136	340.8	147.5	78.1	67.5	47.7	31.2	35.7
District of Columbia .....	584,035	546,248	313.8	111.5	95.7	54.6	36.7	30.0	50.6
Florida .....	7,245,515	8,287,905	653.7	187.8	161.9	94.4	48.0	65.9	57.9
Georgia .....	4,006,069	4,241,718	568.4	168.3	149.1	74.2	54.0	63.5	52.3
Kentucky .....	1,918,741	1,999,328	443.1	198.5	82.0	65.2	80.7	31.3	38.6
Louisiana .....	2,468,307	2,654,471	390.5	159.1	89.3	71.1	51.5	68.1	12.6
Maryland .....	3,505,018	3,722,880	385.6	147.0	96.6	68.7	46.4	37.2	43.3
Mississippi .....	1,372,290	1,457,123	422.3	187.7	81.5	60.5	79.2	35.4	34.0
North Carolina .....	3,892,971	4,021,104	475.7	178.2	107.0	75.2	58.8	42.2	45.5
Oklahoma .....	1,833,743	1,819,000	440.8	211.4	73.7	68.9	84.4	49.2	16.4
South Carolina .....	2,118,732	2,252,570	476.2	171.4	112.3	59.1	70.6	56.0	36.1
Tennessee .....	2,668,341	2,443,076	463.9	178.8	102.3	72.4	61.7	39.2	45.3
Texas .....	11,761,447	12,505,272	674.7	229.2	135.3	77.1	85.8	80.0	30.7
Virginia .....	4,151,050	4,498,761	489.1	167.0	120.6	71.8	55.4	51.2	45.9
West Virginia .....	1,202,486	1,365,420	382.1	172.0	77.3	54.0	76.6	60.8	10.3
<b>West</b> .....	<b>34,776,263</b>	<b>38,131,256</b>	<b>430.1</b>	<b>163.1</b>	<b>101.5</b>	<b>64.2</b>	<b>60.2</b>	<b>48.5</b>	<b>35.6</b>
Alaska .....	739,020	805,828	808.2	364.5	95.5	137.9	95.2	99.8	-2.1
Arizona .....	2,143,148	2,416,350	660.1	236.9	125.7	102.8	66.1	51.3	49.2
California .....	19,370,242	21,266,023	405.5	139.4	111.2	61.7	48.1	46.9	43.7
Colorado .....	2,266,667	2,380,000	513.9	236.7	82.3	84.6	82.4	50.3	21.3
Hawaii .....	643,319	680,182	355.2	149.0	82.8	59.1	56.5	48.3	23.3
Idaho .....	571,159	646,021	453.9	204.5	81.9	70.9	78.1	48.9	22.2
Montana .....	592,454	635,000	365.9	181.6	65.4	69.3	66.3	50.3	10.1
Nevada .....	615,161	830,859	604.9	223.0	118.2	69.4	90.7	40.9	54.9
New Mexico .....	975,552	1,049,372	431.0	180.5	89.3	54.2	82.0	52.2	24.4
Oregon .....	2,123,241	2,174,000	425.8	179.0	88.4	65.6	68.5	38.5	36.1
Utah .....	1,040,104	1,070,000	477.9	187.9	100.7	58.6	81.6	57.0	27.8
Washington .....	3,204,265	3,677,921	357.8	160.8	75.5	45.0	79.8	40.5	24.9
Wyoming .....	491,930	499,700	607.0	224.9	117.6	65.4	96.5	100.8	8.4
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	22,314	22,273	—	—	—	—	—	—	67.2
Guam .....	94,368	86,325	466.7	—	—	185.2	—	—	60.4
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	1,030,387	1,091,714	—	—	—	—	—	—	20.3
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	111,750	115,409	—	—	—	—	—	—	—

Chart 13a.—Percentage change in current expenditures for public elementary and secondary schools, by state: 1969-70 to 1988-89  
(in unadjusted dollars)

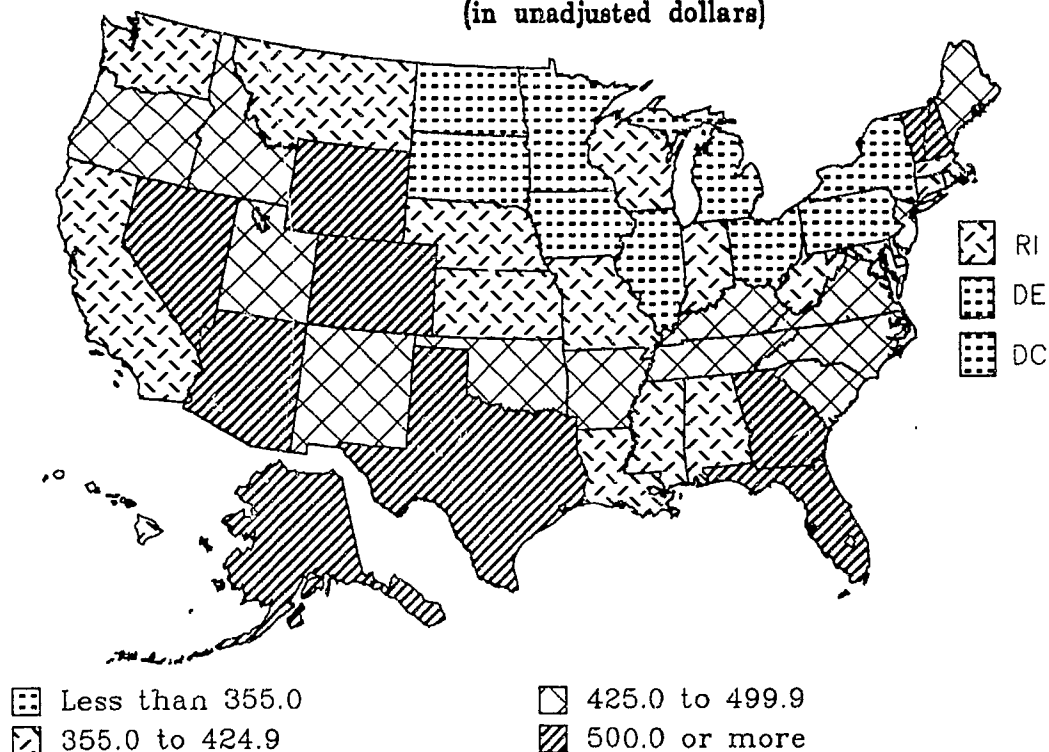
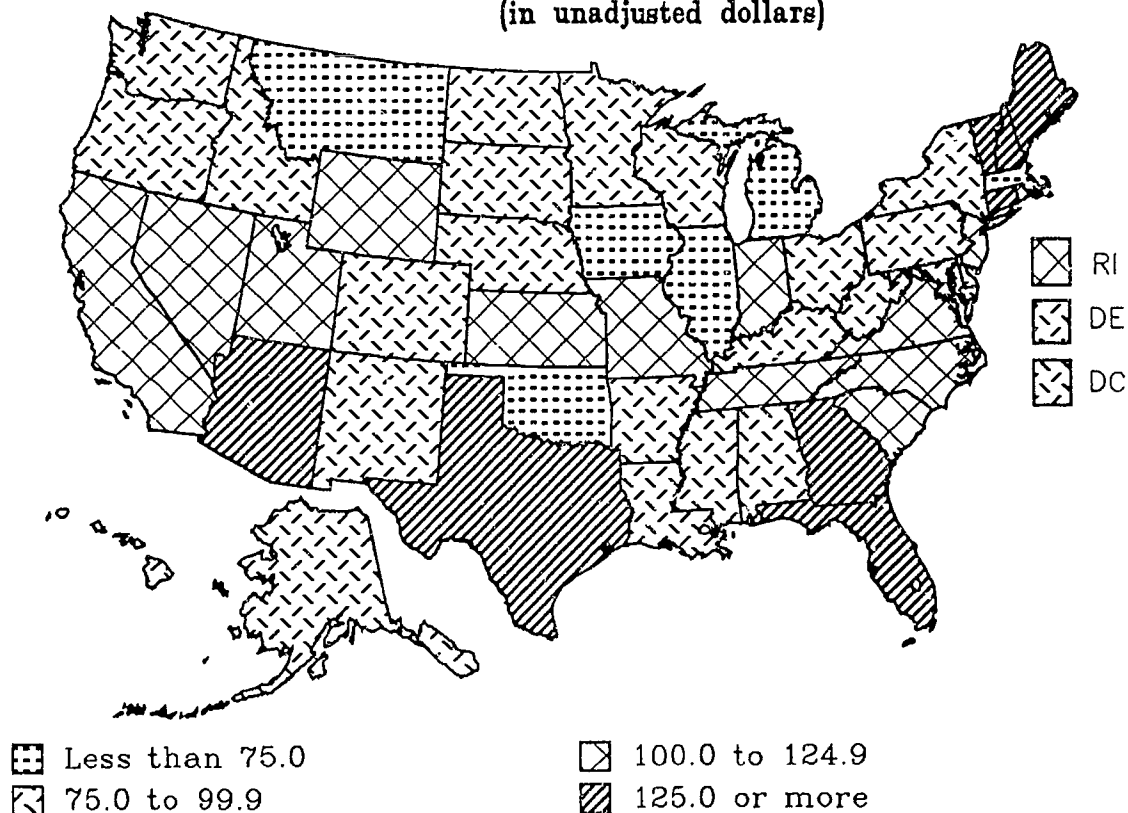


Chart 13b.—Percentage change in current expenditures for public elementary and secondary schools, by state: 1979-80 to 1988-89  
(in unadjusted dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Schools*, various years; *Statistics of State School Systems*, various years; and Common Core of Data surveys.







**Table 14.—Current expenditures for public elementary and secondary schools, by region and state: 1969-70 to 1989-90 (in thousands of constant 1989-90 dollars)—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1988-89	1969-70 to 1979-80	1979-80 to 1988-89	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1988-89
<b>United States</b> .....	<b>\$181,184,315</b>	<b>\$185,249,660</b>	<b>57.5</b>	<b>23.7</b>	<b>27.4</b>	<b>20.8</b>	<b>2.4</b>	<b>6.6</b>	<b>19.5</b>
<b>Northeast</b> .....	<b>45,489,887</b>	<b>45,778,658</b>	<b>44.8</b>	<b>15.0</b>	<b>25.9</b>	<b>23.3</b>	<b>-6.7</b>	<b>3.7</b>	<b>21.4</b>
Connecticut .....	3,126,958	3,110,000	58.0	1.5	55.7	17.3	-13.5	26.6	23.0
Maine .....	965,923	1,019,656	84.3	70.3	53.2	18.3	1.7	14.1	34.3
Massachusetts .....	4,737,904	4,554,406	55.3	41.5	9.8	37.3	3.1	-12.7	25.7
New Hampshire .....	768,219	932,181	125.5	41.8	59.0	34.2	5.6	17.6	35.2
New Jersey .....	7,657,923	7,730,812	69.6	31.8	28.7	28.6	2.5	-5.2	35.8
New York .....	17,944,872	17,900,000	29.8	3.7	25.2	20.3	-13.8	6.3	17.9
Pennsylvania .....	9,007,600	9,199,000	40.1	16.6	20.1	20.7	-3.4	6.6	12.7
Rhode Island .....	772,107	809,345	57.9	21.1	30.4	25.0	-3.1	6.6	22.3
Vermont .....	508,380	523,258	91.6	17.0	63.8	22.2	-5.0	21.0	35.3
<b>Midwest</b> .....	<b>44,027,801</b>	<b>45,331,090</b>	<b>35.4</b>	<b>16.6</b>	<b>16.2</b>	<b>14.6</b>	<b>1.7</b>	<b>-0.8</b>	<b>17.1</b>
Illinois .....	8,020,440	8,664,858	25.8	17.5	7.1	20.0	-2.1	-9.2	18.0
Indiana .....	3,959,815	4,044,031	45.6	11.3	30.8	8.1	2.0	6.9	22.3
Iowa .....	2,017,509	2,002,648	13.9	9.5	3.9	1.9	7.5	-1.1	5.1
Kansas .....	1,793,965	1,840,680	47.2	11.4	32.1	8.4	2.7	16.3	13.6
Michigan .....	7,850,827	7,942,861	29.8	25.5	3.4	18.8	5.7	-9.3	14.6
Minnesota .....	3,438,920	3,465,711	31.0	11.3	17.7	16.8	-4.7	1.1	16.4
Missouri .....	3,244,431	3,066,000	50.3	14.1	31.8	15.0	-0.8	2.7	28.3
Nebraska .....	1,157,737	1,180,517	48.7	22.2	21.7	20.5	1.4	9.8	10.8
North Dakota .....	452,419	483,631	37.5	13.6	21.1	6.5	6.6	17.4	3.2
Ohio .....	7,779,507	8,067,933	41.1	13.8	24.0	10.9	2.7	5.3	17.7
South Dakota .....	447,923	452,611	21.8	6.0	14.9	4.8	1.2	4.3	10.1
Wisconsin .....	3,864,308	4,119,609	47.9	19.5	23.8	16.3	2.7	2.1	21.2
<b>South</b> .....	<b>55,230,922</b>	<b>56,008,656</b>	<b>90.2</b>	<b>37.8</b>	<b>38.0</b>	<b>25.7</b>	<b>9.6</b>	<b>14.5</b>	<b>20.5</b>
Alabama .....	2,292,428	2,234,432	61.3	32.0	22.2	15.7	14.1	1.8	20.0
Arkansas .....	1,382,328	1,397,212	74.9	38.0	26.7	17.5	17.5	10.6	14.5
Delaware .....	502,199	562,136	37.4	20.4	14.1	22.2	-1.5	-3.7	18.4
District of Columbia .....	611,904	546,248	29.0	2.9	25.4	12.8	-8.8	-4.6	31.4
Florida .....	7,591,254	8,287,905	134.9	40.0	67.8	41.8	-1.2	21.8	37.8
Georgia .....	4,197,230	4,241,718	108.3	30.5	59.6	27.1	2.7	20.0	33.0
Kentucky .....	2,010,299	1,999,328	69.3	45.2	16.6	20.5	20.5	-3.6	20.9
Louisiana .....	2,586,089	2,654,471	52.9	26.1	21.3	24.8	1.0	23.4	-1.7
Maryland .....	3,672,269	3,722,880	51.4	20.2	25.9	23.0	-2.3	0.7	25.0
Mississippi .....	1,437,772	1,457,123	62.8	40.0	16.3	17.1	19.6	-0.6	17.0
North Carolina .....	4,078,735	4,021,104	79.4	35.3	32.6	27.8	5.9	4.4	27.0
Oklahoma .....	1,921,245	1,819,000	68.6	51.5	11.3	23.2	23.0	9.5	1.6
South Carolina .....	2,219,833	2,252,570	79.6	32.1	36.0	16.1	13.8	14.5	18.8
Tennessee .....	2,795,668	2,443,076	75.8	35.7	29.6	25.7	7.9	2.1	26.8
Texas .....	12,322,676	12,505,272	141.5	60.2	50.8	29.2	24.0	32.1	14.1
Virginia .....	4,349,126	4,498,761	83.6	29.9	41.3	25.3	3.7	11.0	27.3
West Virginia .....	1,259,866	1,365,420	50.3	32.4	13.5	12.3	17.8	18.0	-3.8
<b>West</b> .....	<b>36,435,706</b>	<b>38,131,256</b>	<b>65.2</b>	<b>28.0</b>	<b>29.1</b>	<b>19.8</b>	<b>6.9</b>	<b>9.0</b>	<b>18.4</b>
Alaska .....	774,284	805,828	183.1	126.0	25.3	73.5	30.2	46.5	-14.6
Arizona .....	2,245,414	2,416,350	136.9	63.9	44.5	47.9	10.8	11.0	30.2
California .....	20,294,545	21,266,023	57.6	16.5	35.3	17.9	-1.2	7.9	25.4
Colorado .....	2,374,827	2,380,000	91.4	63.8	16.8	34.6	21.7	10.3	5.9
Hawaii .....	674,017	680,182	41.9	21.2	17.1	16.1	4.4	8.8	7.6
Idaho .....	598,414	646,021	72.7	48.1	16.5	24.7	18.8	9.3	6.6
Montana .....	620,724	635,000	45.2	37.0	6.0	23.5	10.9	10.3	-3.9
Nevada .....	644,515	839,859	119.7	57.2	39.8	23.5	27.2	3.4	35.1
New Mexico .....	1,022,103	1,049,372	65.5	36.5	21.2	12.4	21.4	11.7	8.5
Oregon .....	2,224,557	2,174,000	63.9	35.8	20.7	20.8	12.4	1.6	18.8
Utah .....	1,089,736	1,070,000	80.1	40.1	28.6	15.7	21.1	15.3	11.5
Washington .....	3,357,165	3,677,921	42.7	26.9	12.4	5.8	20.0	3.2	9.0
Wyoming .....	515,404	499,700	120.4	58.1	39.4	20.6	31.1	47.4	-5.4
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	23,378	22,273	—	—	—	—	—	—	45.9
Guam .....	98,871	86,325	76.6	—	—	108.0	—	—	40.0
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	1,079,555	1,091,714	—	—	—	—	—	—	5.0
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	117,083	115,409	—	—	—	—	—	—	—

Chart 14a.—Percentage change in current expenditures for public elementary and secondary schools, by state: 1969-70 to 1988-89  
(in constant 1989-90 dollars)

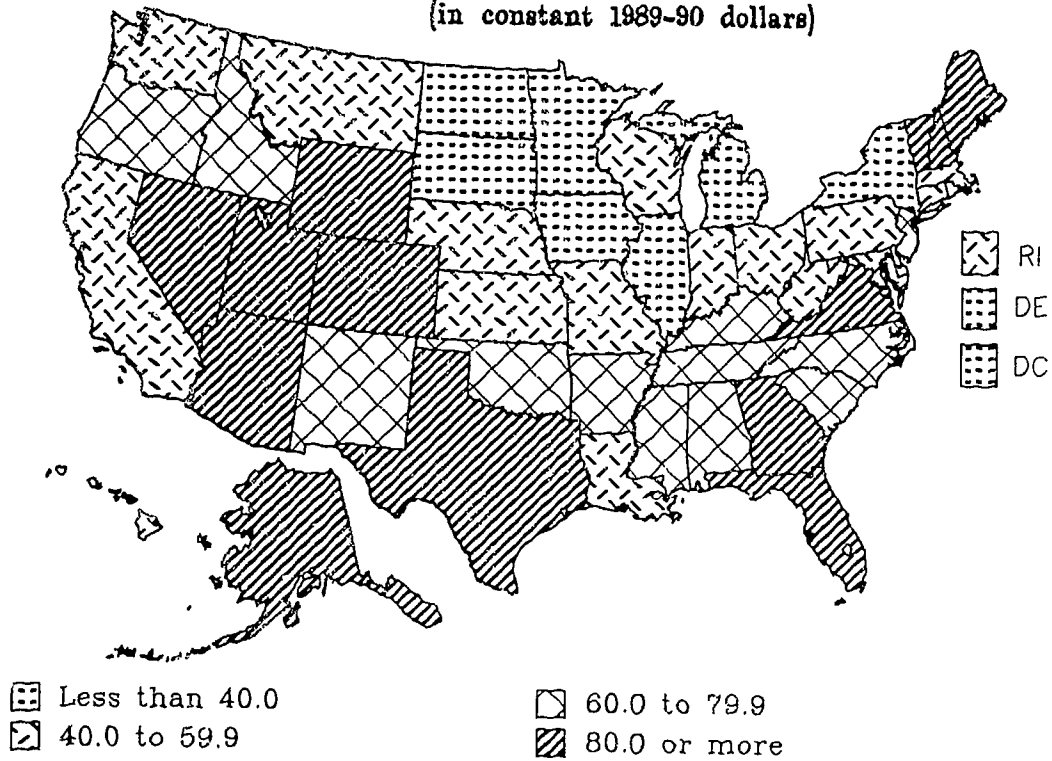
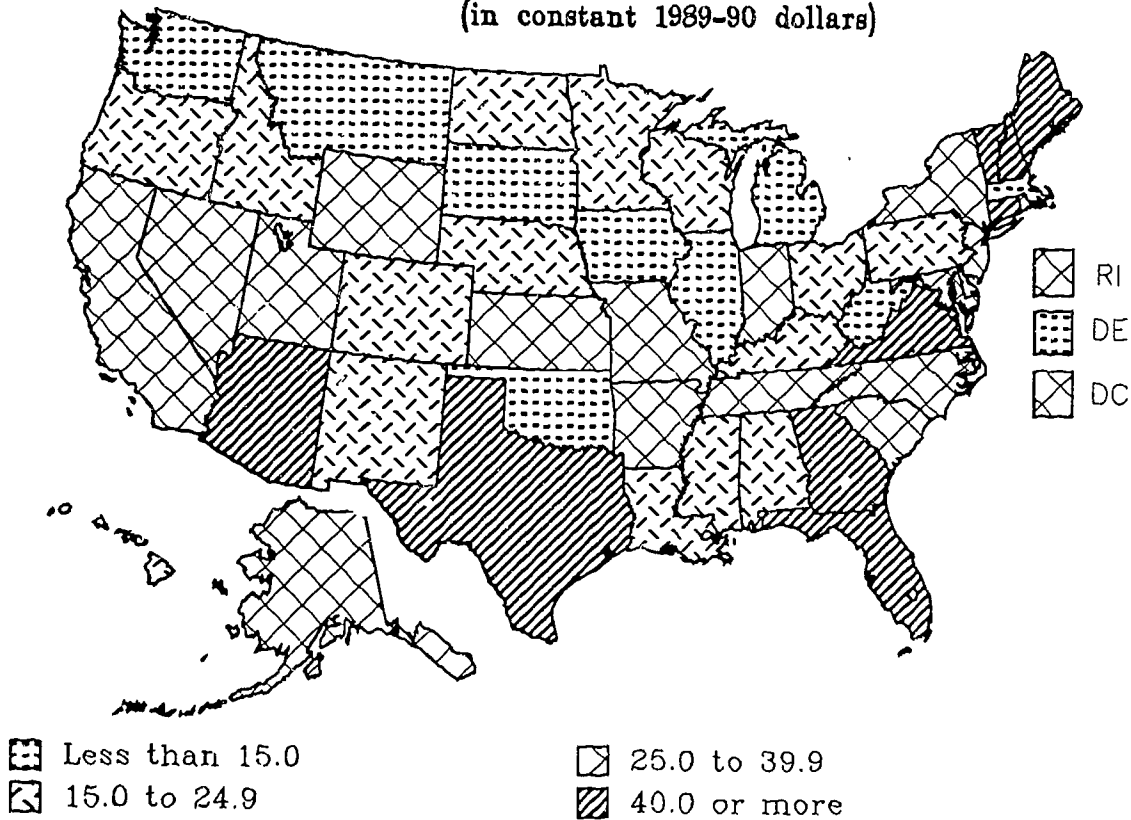


Chart 14b.—Percentage change in current expenditures for public elementary and secondary schools, by state: 1979-80 to 1988-89  
(in constant 1989-90 dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Schools*, various years; *Statistics of State School Systems*, various years; and Common Core of Data surveys.

**Table 15.—Current expenditure per pupil in average daily attendance for public elementary and secondary schools, by region and state: 1969-70 to 1988-89 (in unadjusted dollars)**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b> .....	<b>\$816</b>	<b>\$911</b>	<b>\$990</b>	<b>\$1,077</b>	<b>\$1,207</b>	<b>\$1,365</b>	<b>\$1,504</b>	<b>\$1,638</b>	<b>\$1,823</b>
<b>Northeast</b> .....	<b>1,051</b>	<b>1,190</b>	<b>1,302</b>	<b>1,418</b>	<b>1,627</b>	<b>1,803</b>	<b>1,927</b>	<b>2,108</b>	<b>2,362</b>
Connecticut .....	951	1,056	1,155	1,251	1,377	1,556	1,598	1,739	1,962
Maine .....	692	751	832	864	971	1,108	1,221	1,305	1,446
Massachusetts .....	859	927	1,052	1,137	1,311	1,481	1,890	2,071	2,322
New Hampshire .....	723	801	847	934	1,020	1,180	1,289	1,416	1,467
New Jersey .....	1,016	1,177	1,281	1,421	1,599	1,783	1,951	2,153	2,426
New York .....	1,327	1,567	1,655	1,766	2,071	2,308	2,419	2,496	2,819
Pennsylvania .....	882	952	1,083	1,245	1,378	1,514	1,682	1,852	2,043
Rhode Island .....	891	1,002	1,050	1,205	1,366	1,604	1,613	1,795	2,083
Vermont .....	807	854	995	1,044	1,184	1,366	1,384	1,536	1,681
<b>Midwest</b> .....	<b>820</b>	<b>913</b>	<b>989</b>	<b>1,077</b>	<b>1,192</b>	<b>1,340</b>	<b>1,477</b>	<b>1,618</b>	<b>1,803</b>
Illinois .....	909	1,036	1,090	1,233	1,327	1,516	1,581	1,759	1,945
Indiana .....	728	809	883	917	1,020	1,114	1,248	1,353	1,479
Iowa .....	844	901	1,001	1,047	1,168	1,259	1,505	1,677	1,835
Kansas .....	771	823	881	990	1,112	1,270	1,412	1,541	1,668
Michigan .....	904	1,007	1,113	1,188	1,358	1,524	1,683	1,814	2,107
Minnesota .....	904	1,049	1,084	1,231	1,344	1,544	1,651	1,805	1,982
Missouri .....	709	763	846	924	1,043	1,149	1,250	1,375	1,534
Nebraska .....	736	865	911	999	1,116	1,271	1,413	1,614	1,731
North Dakota .....	690	742	831	903	1,003	1,111	1,261	1,453	1,609
Ohio .....	730	798	855	956	1,063	1,167	1,303	1,435	1,589
South Dakota .....	690	776	824	892	978	1,071	1,310	1,334	1,482
Wisconsin .....	883	984	1,064	1,121	1,247	1,409	1,598	1,776	1,975
<b>South</b> .....	<b>644</b>	<b>733</b>	<b>792</b>	<b>862</b>	<b>952</b>	<b>1,110</b>	<b>1,223</b>	<b>1,345</b>	<b>1,492</b>
Alabama .....	544	605	671	715	854	931	1,130	1,230	1,401
Arkansas .....	568	600	662	712	790	893	1,007	1,090	1,204
Delaware .....	900	1,047	1,093	1,258	1,402	1,514	1,693	1,924	2,075
District of Columbia .....	1,018	1,178	1,258	1,520	1,611	1,779	2,002	2,467	2,706
Florida .....	732	829	868	925	1,046	1,304	1,369	1,390	1,520
Georgia .....	588	714	709	873	910	1,055	1,162	1,299	1,338
Kentucky .....	545	670	682	720	788	905	1,021	1,130	1,283
Louisiana .....	648	791	875	912	996	1,130	1,258	1,285	1,511
Louisiana .....	648	791	875	912	996	1,130	1,258	1,285	1,511
Maryland .....	918	1,039	1,084	1,208	1,366	1,565	1,743	1,900	2,095
Mississippi .....	501	602	657	708	786	877	999	1,128	1,304
North Carolina .....	612	686	741	822	947	1,092	1,221	1,246	1,392
Oklahoma .....	604	676	731	782	898	1,027	1,152	1,321	1,476
South Carolina .....	613	659	729	809	902	1,032	1,112	1,212	1,345
Tennessee .....	566	623	672	728	849	991	1,045	1,200	1,331
Texas .....	624	703	786	843	901	1,063	1,274	1,368	1,567
Virginia .....	708	792	879	956	1,061	1,200	1,310	1,445	1,504
West Virginia .....	670	726	820	824	907	1,047	1,225	1,358	1,510
<b>West</b> .....	<b>838</b>	<b>892</b>	<b>980</b>	<b>1,051</b>	<b>1,197</b>	<b>1,347</b>	<b>1,556</b>	<b>1,664</b>	<b>1,857</b>
Alaska .....	1,123	1,507	1,662	1,757	2,053	2,439	3,009	3,389	3,625
Arizona .....	720	783	868	906	1,000	1,216	1,420	1,572	1,636
California .....	867	906	998	1,071	1,211	1,367	1,510	1,668	1,864
Colorado .....	738	841	916	982	1,115	1,287	1,456	1,653	1,895
Colorado .....	738	841	916	982	1,115	1,287	1,456	1,653	1,895
Hawaii .....	841	1,023	1,041	1,059	1,325	1,378	1,616	1,835	2,017
Idaho .....	603	650	698	771	865	1,016	1,125	1,180	1,380
Idaho .....	603	650	698	771	865	1,016	1,125	1,180	1,380
Montana .....	782	840	900	1,023	1,162	1,351	1,586	1,784	1,980
Nevada .....	769	820	920	979	1,077	1,188	1,354	1,449	1,645
New Mexico .....	707	746	826	887	1,003	1,114	1,284	1,415	1,585
Oregon .....	925	1,012	1,125	1,221	1,345	1,561	1,786	1,920	2,107
Utah .....	726	701	768	814	924	1,024	1,172	1,286	1,341
Utah .....	726	701	768	814	924	1,024	1,172	1,286	1,341
Washington .....	915	928	1,026	1,105	1,236	1,395	1,546	1,679	1,993
Wyoming .....	856	931	1,061	1,163	1,244	1,426	1,670	1,784	1,955
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	—	—	720	797	883	880	897	773	—
Guam .....	820	749	1,007	1,020	1,365	1,820	1,560	1,579	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	420	506	536	536	742	632	687	—
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	1,348	1,119	1,428	1,542	1,513	1,459	—

—Data not available or applicable.

**Table 15.—Current expenditure per pupil in average daily attendance for public elementary and secondary schools, by region and state: 1969-70 to 1988-89 (in unadjusted dollars)—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
\$2,020	\$2,272	\$2,502	\$2,726	\$2,955	\$3,173	\$3,470	\$3,756	\$3,970	\$4,240
2,583	2,936	3,176	3,544	3,891	4,259	4,656	5,113	5,553	6,068
2,136	2,420	2,876	3,188	3,636	4,023	4,738	4,743	5,435	6,230
1,609	1,824	1,934	2,221	2,458	2,700	3,024	3,472	3,850	4,258
2,553	2,819	2,940	3,137	3,378	3,595	4,026	4,562	5,145	5,471
1,671	1,916	2,265	2,509	2,750	2,980	3,271	3,542	3,933	4,457
2,728	3,191	3,254	3,674	4,007	4,496	4,504	5,570	5,953	6,564
3,025	3,462	3,741	4,280	4,686	5,117	5,492	6,011	6,497	7,151
2,250	2,535	2,824	3,050	3,354	3,648	4,237	4,325	4,616	4,989
2,387	2,601	2,927	3,040	3,570	3,938	4,287	4,667	4,985	5,329
1,820	1,997	2,475	2,793	3,061	3,359	3,651	4,031	4,399	5,207
2,047	2,303	2,551	2,756	2,942	3,191	3,465	3,721	3,943	4,220
2,202	2,587	2,704	2,936	3,100	3,298	3,538	3,781	4,106	4,369
1,690	1,882	2,010	2,306	2,480	2,725	3,051	3,275	3,556	3,794
2,107	2,326	2,668	2,874	3,095	3,274	3,467	3,619	3,770	4,124
1,978	2,173	2,559	2,815	3,058	3,284	3,560	3,829	3,933	4,076
2,446	2,640	3,037	3,140	3,307	3,556	3,848	4,176	4,353	4,692
2,147	2,387	2,673	2,905	3,085	3,395	3,674	3,941	4,180	4,386
1,725	1,936	2,172	2,342	2,468	2,748	2,958	3,189	3,472	3,786
1,967	2,150	2,384	2,704	2,984	3,221	3,471	3,634	3,756	3,943
1,805	1,920	2,275	2,727	2,852	3,028	3,359	3,483	3,437	3,519
1,789	2,075	2,303	2,492	2,676	2,982	3,285	3,527	3,673	3,998
1,677	1,908	1,991	2,300	2,486	2,685	2,892	3,051	3,097	3,249
2,223	2,477	2,738	2,935	3,233	3,513	3,815	4,168	4,523	4,747
1,645	1,857	2,077	2,264	2,504	2,640	2,933	3,175	3,327	3,556
1,563	1,612	1,985	2,063	2,177	2,055	2,325	2,565	2,573	2,718
1,348	1,574	1,701	1,841	1,971	2,235	2,482	2,658	2,733	2,989
2,368	2,861	3,018	3,198	3,456	3,849	4,184	4,610	4,825	5,017
2,841	3,259	3,441	3,792	4,260	4,766	5,103	5,337	5,742	6,132
1,657	1,889	2,401	2,443	2,739	2,932	3,241	3,529	3,794	4,092
1,485	1,625	1,708	2,019	2,169	2,352	2,657	2,966	3,181	3,434
1,502	1,701	1,784	1,906	2,100	2,311	2,390	2,486	2,733	3,011
1,604	1,792	2,469	2,590	2,691	2,694	2,990	3,187	3,069	3,138
2,349	2,598	2,914	3,234	3,445	3,858	4,102	4,447	4,777	5,201
1,507	1,664	1,605	1,706	1,979	2,244	2,350	2,362	2,350	2,548
1,591	1,754	2,001	2,107	2,138	2,303	2,625	2,948	3,129	3,368
1,729	1,926	2,199	2,673	2,805	2,859	2,850	3,146	3,099	3,093
1,508	1,752	1,734	1,907	2,017	2,183	2,783	3,058	3,214	3,408
1,383	1,635	1,794	1,895	2,027	2,101	2,385	2,612	2,827	3,068
1,691	1,916	2,006	2,229	2,731	2,784	3,124	3,298	3,409	3,608
1,671	1,970	2,179	2,384	2,656	2,870	3,155	3,520	3,780	4,149
1,671	1,920	2,146	2,593	2,765	2,879	3,244	3,528	3,784	3,858
2,060	2,294	2,510	2,711	2,881	3,089	3,353	3,617	3,770	3,899
4,112	4,728	5,688	6,312	7,325	8,627	7,843	8,304	8,010	7,971
1,720	1,971	2,258	2,462	2,597	2,751	3,009	3,336	3,544	3,744
2,052	2,268	2,475	2,671	2,733	2,963	3,256	3,543	3,728	3,840
2,205	2,421	2,693	2,914	3,171	3,373	3,697	3,975	4,147	4,220
2,133	2,322	2,604	2,862	3,239	3,334	3,465	3,807	3,787	3,919
1,517	1,659	1,856	1,945	2,070	2,146	2,362	2,484	2,585	2,667
2,178	2,476	2,683	2,998	3,289	3,604	3,847	4,091	4,194	4,246
1,811	2,088	2,078	2,424	2,613	2,690	2,829	3,440	3,440	3,623
1,796	2,034	2,329	2,703	2,902	2,928	3,153	3,195	3,558	3,691
2,418	2,692	3,100	3,299	3,504	3,677	3,889	4,141	4,337	4,789
1,676	1,657	1,819	1,872	2,014	2,053	2,220	2,390	2,415	2,454
2,173	2,568	2,542	2,650	3,211	3,465	3,725	3,881	3,964	4,164
2,179	2,527	2,967	3,417	4,045	4,523	4,799	5,114	5,201	5,051
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	1,262	1,387	1,846	1,908
—	—	—	2,133	2,186	2,301	2,489	3,383	3,344	3,295
—	—	—	—	1,731	1,142	1,693	2,552	3,099	3,366
—	—	—	961	1,112	1,247	1,319	1,325	1,384	1,504
—	—	—	—	—	—	792	—	—	—
—	—	—	2,646	2,757	2,710	—	3,223	4,277	4,036

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Schools*, various years; *Statistics of State School Systems*, various years; and Common Core of Data surveys.

Table 15.—Current expenditure per pupil in average daily attendance for public elementary and secondary schools, by region and state: 1969-70 to 1988-89 (in unadjusted dollars)—Continued

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1988-89	1969-70 to 1979-80	1979-80 to 1988-89	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1988-89
United States .....	\$4,639	—	468.5	178.4	104.2	67.2	66.5	52.8	33.7
Northeast .....	6,694	—	536.9	179.3	128.0	71.5	62.8	58.6	43.8
Connecticut .....	6,857	—	620.9	154.4	183.3	63.6	55.5	95.8	44.7
Maine .....	4,744	—	585.0	163.3	160.1	60.0	64.6	65.8	56.9
Massachusetts .....	5,979	—	596.0	228.2	112.1	72.4	90.4	42.8	48.5
New Hampshire .....	4,807	—	564.8	165.0	150.9	63.2	62.4	70.7	47.0
New Jersey .....	7,549	—	642.9	214.0	136.6	75.4	79.0	41.1	67.6
New York .....	7,663	—	477.6	161.0	121.3	74.0	50.0	58.6	39.5
Pennsylvania .....	5,609	—	536.1	187.5	121.3	71.7	67.4	67.2	32.4
Rhode Island .....	5,976	—	570.6	191.9	129.8	80.0	62.1	64.8	39.4
Vermont .....	5,481	—	579.0	147.4	174.4	69.2	46.2	82.8	50.1
Midwest .....	4,701	—	473.2	180.7	104.2	63.3	71.9	50.5	35.7
Illinois .....	4,906	—	439.4	184.4	89.7	66.7	70.6	36.8	38.7
Indiana .....	4,284	—	488.5	158.6	127.6	53.0	69.0	62.1	40.4
Iowa .....	4,285	—	407.6	175.6	84.2	49.1	84.8	49.0	23.6
Kansas .....	4,443	—	476.3	181.8	104.5	64.7	71.1	63.8	24.8
Michigan .....	5,116	—	465.9	192.1	93.8	68.7	73.2	45.7	32.9
Minnesota .....	4,755	—	426.2	164.1	99.2	70.9	54.6	53.9	29.4
Missouri .....	4,263	—	501.6	173.3	120.2	62.1	68.6	52.8	44.1
Nebraska .....	4,360	—	492.1	192.0	102.8	72.6	69.2	61.4	25.6
North Dakota .....	3,952	—	473.1	178.5	105.8	61.1	72.8	73.9	18.4
Ohio .....	4,649	—	536.9	184.2	124.1	59.9	77.7	58.3	41.5
South Dakota .....	3,581	—	419.0	176.5	87.7	55.3	78.1	51.6	23.8
Wisconsin .....	5,266	—	496.6	180.6	112.6	59.6	75.8	54.0	38.0
South .....	3,929	—	510.3	188.5	111.6	72.5	67.3	57.9	34.0
Alabama .....	3,197	—	487.7	196.3	98.3	71.1	73.2	44.3	37.5
Arkansas .....	3,273	—	476.6	177.4	107.9	57.4	76.3	57.6	31.9
Delaware .....	5,422	—	502.4	217.9	89.5	68.2	89.0	46.3	29.6
District of Columbia .....	7,850	—	670.9	220.0	140.9	74.7	83.2	56.6	53.8
Florida .....	4,563	—	523.1	158.0	141.5	78.1	44.8	71.5	40.8
Georgia .....	3,852	—	555.2	176.4	137.0	79.4	54.1	63.5	45.0
Kentucky .....	3,347	—	514.0	212.0	96.8	65.9	88.1	40.5	40.1
Louisiana .....	3,317	—	411.9	176.5	85.1	74.4	58.5	66.9	10.9
Maryland .....	5,758	—	527.0	182.9	121.6	70.5	66.0	57.9	40.4
Mississippi .....	2,874	—	473.9	232.2	72.8	75.0	89.8	41.3	22.3
North Carolina .....	3,874	—	532.7	186.5	120.8	78.3	60.7	49.7	47.6
Oklahoma .....	3,379	—	459.0	218.7	75.4	69.9	87.6	47.9	18.6
South Carolina .....	3,736	—	509.9	186.0	113.2	68.6	69.7	58.8	34.2
Tennessee .....	3,491	—	516.7	188.9	113.5	75.0	65.1	45.8	46.4
Texas .....	3,877	—	521.2	206.9	102.4	70.4	80.1	63.1	24.1
Virginia .....	4,539	—	541.3	178.3	130.4	69.5	64.2	60.1	43.9
West Virginia .....	3,883	—	479.6	186.6	102.2	56.3	83.4	68.9	19.7
West .....	4,121	—	391.8	173.7	79.7	60.7	70.3	46.2	22.9
Alaska .....	7,716	—	587.4	321.1	63.2	117.2	93.9	65.9	-1.6
Arizona .....	3,902	—	441.9	173.7	98.0	68.8	62.1	52.7	29.7
California .....	4,121	—	375.3	161.5	81.7	57.6	65.9	43.6	26.6
Colorado .....	4,408	—	497.4	228.1	82.1	74.4	88.1	52.7	19.2
Hawaii .....	4,121	—	390.3	176.2	77.5	63.9	68.5	49.2	18.9
Idaho .....	2,838	—	370.5	175.1	71.1	68.4	63.3	42.4	20.2
Montana .....	4,293	—	449.1	216.8	73.3	72.9	83.2	55.4	11.6
Nevada .....	3,791	—	392.7	171.4	81.6	54.4	75.8	35.5	34.0
New Mexico .....	3,473	—	391.2	187.7	70.8	57.6	82.6	55.1	10.1
Oregon .....	5,182	—	460.4	191.1	92.5	68.8	72.5	44.5	33.2
Utah .....	2,579	—	311.8	164.6	55.7	63.5	61.8	34.0	16.2
Washington .....	4,352	—	375.4	180.6	69.4	52.4	84.1	45.1	16.8
Wyoming .....	5,375	—	528.0	195.2	112.7	66.6	77.2	89.9	12.0
Outlying Areas .....	—	—	—	—	—	—	—	—	—
American Samoa .....	1,988	—	—	—	—	—	—	—	57.6
Guam .....	4,067	—	396.2	—	—	122.0	—	—	63.4
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	1,692	—	—	—	—	—	—	—	28.3
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	5,281	—	—	—	—	—	—	—	—

Chart 15a.—Percentage change in current expenditures per pupil in average daily attendance in public elementary and secondary schools, by state: 1969-70 to 1988-89 (in unadjusted dollars)

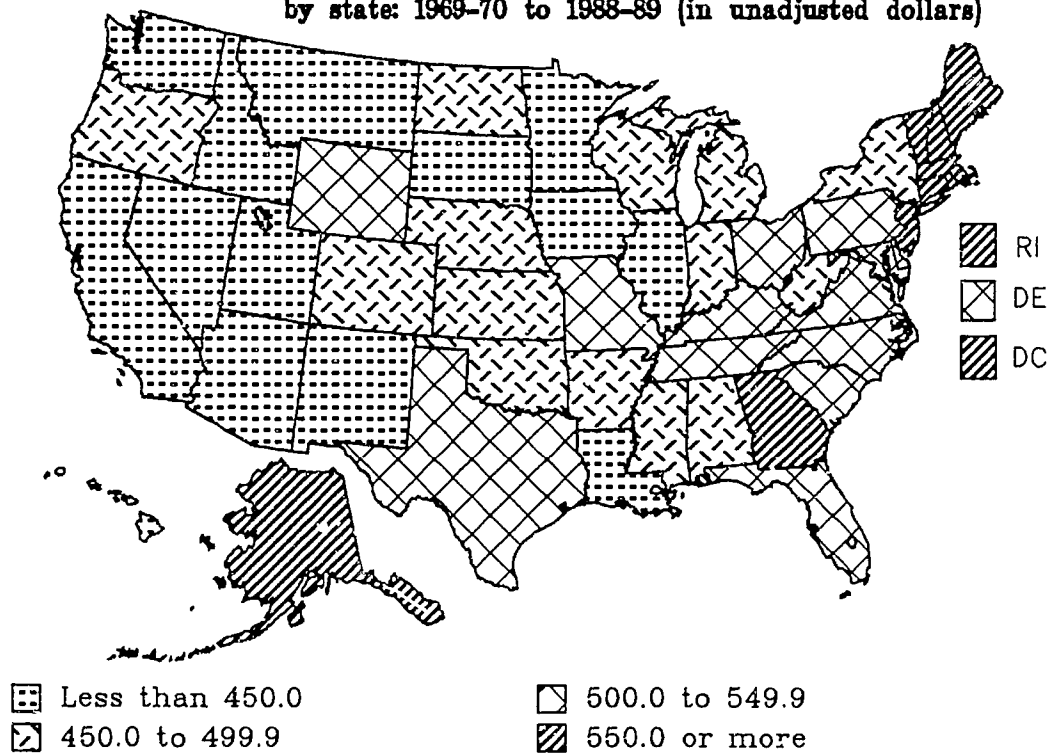
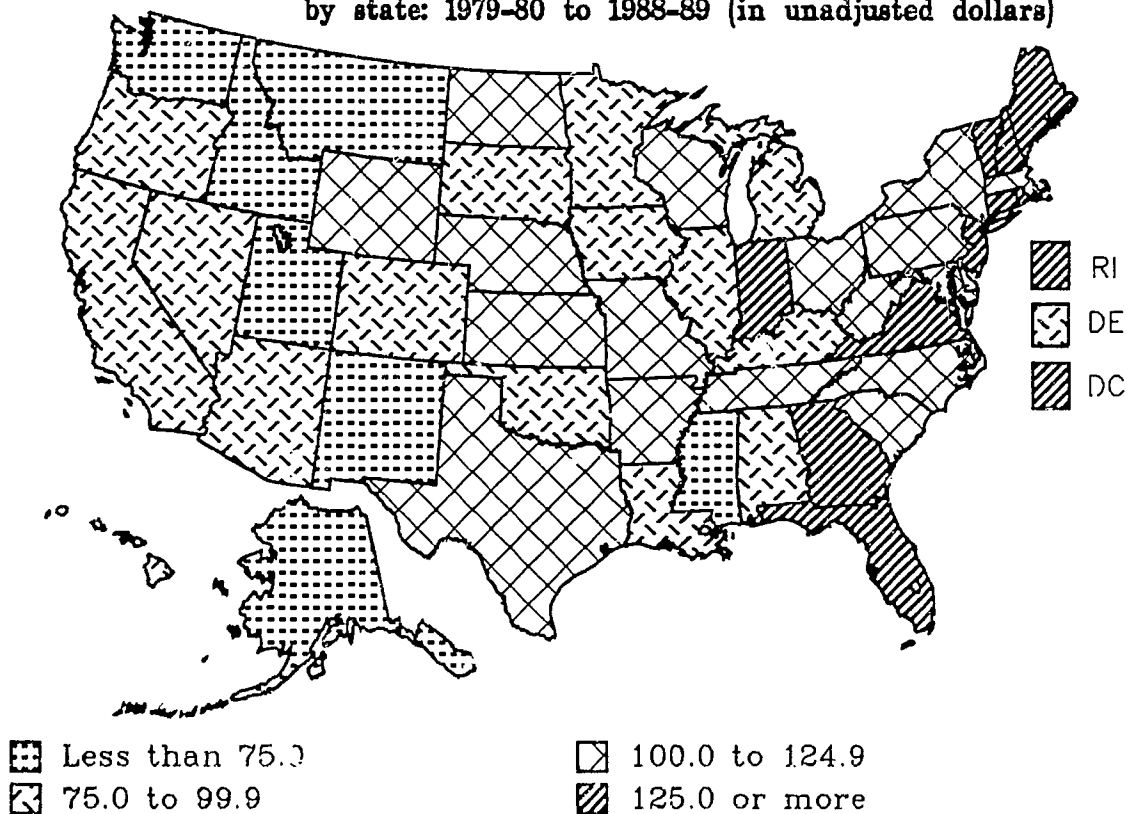


Chart 15b.—Percentage change in current expenditures per pupil in average daily attendance in public elementary and secondary schools, by state: 1979-80 to 1988-89 (in unadjusted dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Schools*, various years; *Statistics of State School Systems*, various years; and Common Core of Data surveys.

Table 16.—Current expenditure per pupil in average daily attendance for public elementary and secondary schools, by region and state: 1969-70 to 1988-89 (in constant 1988-89 dollars)

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b> .....	<b>\$2,618</b>	<b>\$2,780</b>	<b>\$2,915</b>	<b>\$3,049</b>	<b>\$3,137</b>	<b>\$3,193</b>	<b>\$3,287</b>	<b>\$3,382</b>	<b>\$3,527</b>
<b>Northeast</b> .....	<b>3,372</b>	<b>3,631</b>	<b>3,836</b>	<b>4,016</b>	<b>4,229</b>	<b>4,219</b>	<b>4,212</b>	<b>4,352</b>	<b>4,570</b>
Connecticut .....	3,052	3,223	3,401	3,542	3,579	3,642	3,492	3,591	3,796
Maine .....	2,222	2,291	2,451	2,446	2,524	2,593	2,668	2,695	2,798
Massachusetts .....	2,756	2,828	3,097	3,219	3,408	3,465	4,130	4,276	4,493
New Hampshire .....	2,320	2,443	2,493	2,645	2,651	2,761	2,817	2,924	2,839
New Jersey .....	3,260	3,590	3,774	4,023	4,156	4,171	4,264	4,446	4,694
New York .....	4,257	4,780	4,874	4,998	5,383	5,401	5,236	5,154	5,455
Pennsylvania .....	2,829	2,905	3,189	3,525	3,582	3,543	3,676	3,824	3,953
Rhode Island .....	2,859	3,057	3,092	3,411	3,551	3,754	3,525	3,706	4,031
Vermont .....	2,590	2,605	2,930	2,956	3,078	3,196	3,024	3,172	3,253
<b>Midwest</b> .....	<b>2,631</b>	<b>2,787</b>	<b>2,913</b>	<b>3,050</b>	<b>3,098</b>	<b>3,135</b>	<b>3,227</b>	<b>3,342</b>	<b>3,488</b>
Illinois .....	2,918	3,161	3,212	3,489	3,449	3,548	3,455	3,632	3,763
Indiana .....	2,336	2,467	2,601	2,595	2,651	2,607	2,727	2,794	2,862
Iowa .....	2,708	2,750	2,948	2,965	3,036	2,945	3,289	3,463	3,551
Kansas .....	2,474	2,511	2,596	2,803	2,890	2,972	3,086	3,182	3,228
Michigan .....	2,900	3,072	3,277	3,364	3,530	3,567	3,678	3,746	4,077
Minnesota .....	2,899	3,199	3,194	3,486	3,493	3,613	3,608	3,727	3,835
Missouri .....	2,273	2,329	2,492	2,616	2,711	2,688	2,732	2,839	2,968
Nebraska .....	2,363	2,638	2,683	2,828	2,901	2,974	3,088	3,333	3,349
North Dakota .....	2,212	2,265	2,448	2,556	2,607	2,600	2,756	3,000	3,113
Ohio .....	2,342	2,435	2,519	2,706	2,763	2,732	2,847	2,963	3,075
South Dakota .....	2,213	2,366	2,425	2,525	2,542	2,506	2,863	2,755	2,868
Wisconsin .....	2,832	3,003	3,134	3,174	3,241	3,297	3,492	3,667	3,822
<b>South</b> .....	<b>2,065</b>	<b>2,236</b>	<b>2,331</b>	<b>2,441</b>	<b>2,475</b>	<b>2,597</b>	<b>2,672</b>	<b>2,777</b>	<b>2,886</b>
Alabama .....	1,745	1,846	1,976	2,025	2,220	2,178	2,469	2,540	2,711
Arkansas .....	1,821	1,831	1,951	2,016	2,053	2,090	2,201	2,251	2,330
Delaware .....	2,888	3,195	3,219	3,561	3,644	3,542	3,700	3,973	4,015
District of Columbia .....	3,267	3,594	3,704	4,302	4,187	4,162	4,375	5,094	5,236
Florida .....	2,349	2,530	2,557	2,619	2,719	3,052	2,992	2,870	2,941
Georgia .....	1,886	2,179	2,088	2,472	2,365	2,468	2,539	2,682	2,589
Kentucky .....	1,749	2,043	2,007	2,039	2,048	2,117	2,231	2,333	2,483
Louisiana .....	2,079	2,414	2,576	2,581	2,589	2,645	2,749	2,653	2,924
Maryland .....	2,946	3,170	3,192	3,420	3,551	3,663	3,809	3,923	4,054
Mississippi .....	1,607	1,838	1,934	2,006	2,043	2,051	2,183	2,329	2,523
North Carolina .....	1,965	2,094	2,182	2,327	2,462	2,555	2,668	2,573	2,693
Oklahoma .....	1,939	2,062	2,154	2,213	2,334	2,403	2,517	2,728	2,856
South Carolina .....	1,965	2,011	2,146	2,290	2,345	2,416	2,430	2,503	2,603
Tennessee .....	1,816	1,901	1,980	2,062	2,207	2,318	2,284	2,478	2,575
Texas .....	2,002	2,144	2,314	2,386	2,342	2,489	2,784	2,825	3,032
Virginia .....	2,271	2,417	2,590	2,706	2,758	2,807	2,863	2,984	2,910
West Virginia .....	2,149	2,214	2,414	2,333	2,358	2,450	2,677	2,804	2,922
<b>West</b> .....	<b>2,689</b>	<b>2,721</b>	<b>2,885</b>	<b>2,975</b>	<b>3,112</b>	<b>3,151</b>	<b>3,401</b>	<b>3,435</b>	<b>3,594</b>
Alaska .....	3,601	4,597	4,895	4,974	5,336	5,706	6,576	6,998	7,014
Arizona .....	2,310	2,389	2,557	2,566	2,599	2,845	3,103	3,246	3,166
California .....	2,782	2,764	2,939	3,033	3,148	3,198	3,300	3,444	3,607
Colorado .....	2,367	2,567	2,697	2,780	2,898	3,011	3,182	3,413	3,667
Hawaii .....	2,697	3,120	3,067	2,998	3,444	3,224	3,531	3,789	3,903
Idaho .....	1,935	1,983	2,056	2,183	2,248	2,378	2,458	2,437	2,670
Montana .....	2,508	2,563	2,650	2,896	3,020	3,162	3,466	3,684	3,831
Nevada .....	2,469	2,501	2,710	2,771	2,799	2,780	2,959	2,992	3,183
New Mexico .....	2,268	2,275	2,432	2,511	2,607	2,607	2,806	2,922	3,067
Oregon .....	2,967	3,086	3,314	3,457	3,496	3,652	3,903	3,965	4,077
Utah .....	2,009	2,138	2,263	2,306	2,402	2,396	2,561	2,655	2,595
Washington .....	2,937	2,832	3,021	3,127	3,213	3,264	3,378	3,467	3,556
Wyoming .....	2,746	2,841	3,126	3,293	3,234	3,337	3,649	3,684	3,783
<b>Outlying Areas</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
American Samoa .....	—	—	2,120	2,256	2,295	2,059	1,960	1,596	—
Guam .....	2,630	2,285	2,966	2,888	3,548	4,259	3,409	3,260	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	1,281	1,489	1,517	1,393	1,736	1,381	1,419	—
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	3,970	3,168	3,868	3,608	3,306	3,013	—

— Data not available or applicable.

**Table 16.—Current expenditure per pupil in average daily attendance for public elementary and secondary schools, by region and state: 1969-70 to 1988-89 (in constant 1988-89 dollars)—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
\$3,574	\$3,546	\$3,500	\$3,511	\$3,649	\$3,778	\$3,977	\$4,183	\$4,326	\$4,436
4,578	4,583	4,444	4,544	4,805	5,071	5,336	5,695	6,050	6,369
3,779	3,778	4,023	4,105	4,490	4,790	5,429	5,282	5,922	6,518
2,847	2,847	2,705	2,860	3,035	3,214	3,465	3,867	4,194	4,455
4,517	4,401	4,113	4,040	4,171	4,281	4,613	5,081	5,606	5,724
2,956	2,991	3,169	3,231	3,395	3,548	3,748	3,944	4,285	4,663
4,826	4,982	4,553	4,731	4,948	5,353	5,160	6,203	6,486	6,868
5,352	5,405	5,234	5,512	5,787	6,092	6,293	6,695	7,079	7,482
3,981	3,957	3,951	3,928	4,142	4,343	4,855	4,817	5,030	5,220
4,223	4,060	4,095	3,915	4,407	4,689	4,912	5,198	5,432	5,575
3,220	3,118	3,462	3,597	3,775	3,999	4,184	4,489	4,793	5,448
3,621	3,595	3,569	3,549	3,633	3,800	3,970	4,145	4,296	4,415
3,896	4,038	3,783	3,781	3,827	3,927	4,054	4,211	4,474	4,570
2,950	2,939	2,812	2,970	3,063	3,245	3,496	3,648	3,874	3,969
3,728	3,632	3,732	3,701	3,822	3,898	3,973	4,031	4,108	4,314
3,500	3,392	3,580	3,625	3,776	3,910	4,079	4,265	4,285	4,265
4,328	4,122	4,248	4,044	4,083	4,234	4,409	4,651	4,743	4,908
3,799	3,726	3,740	3,741	3,809	4,042	4,210	4,389	4,554	4,588
3,052	3,023	3,039	3,016	3,048	3,272	3,389	3,552	3,782	3,961
3,480	3,356	3,336	3,482	3,684	3,835	3,977	4,047	4,092	4,125
3,193	2,998	3,182	3,512	3,521	3,605	3,826	3,879	3,745	3,682
2,165	3,239	3,222	3,209	3,305	3,551	3,764	3,928	4,002	4,182
1,967	2,978	2,785	2,962	3,070	3,197	3,314	3,398	3,375	3,399
1,933	3,867	3,831	3,780	3,992	4,183	4,372	4,642	4,927	4,967
2,910	2,898	2,906	2,916	3,092	3,144	3,360	3,537	3,625	3,720
2,755	2,516	2,777	2,657	2,688	2,447	2,664	2,856	2,803	2,843
2,85	2,458	2,380	2,371	2,433	2,661	2,844	2,960	2,978	3,127
4,190	4,466	4,272	4,118	4,267	4,583	4,795	5,134	5,257	5,249
5,026	5,088	4,814	4,883	5,260	5,675	5,847	5,944	6,256	6,415
2,932	2,949	3,360	3,146	3,381	3,491	3,713	3,931	4,134	4,281
2,627	2,537	2,390	2,600	2,679	2,800	3,045	3,303	3,466	3,593
2,657	2,656	2,496	2,455	2,593	2,752	2,738	2,769	2,978	3,150
2,838	2,798	3,455	3,335	3,323	3,208	3,426	3,550	3,344	3,283
4,156	4,056	4,076	4,165	4,254	4,593	4,700	4,953	5,205	5,442
2,666	2,597	2,246	2,197	2,444	2,672	2,693	2,630	2,560	2,666
2,815	2,739	2,800	2,713	2,640	2,742	3,008	3,283	3,409	3,523
3,059	3,007	3,076	3,442	3,464	3,404	3,265	3,504	3,376	3,236
2,668	2,755	2,470	2,456	2,491	2,600	3,189	3,406	3,501	3,565
2,447	2,553	2,509	2,440	2,503	2,502	2,733	2,909	3,080	3,210
2,992	2,991	2,806	2,870	3,372	3,315	3,580	3,673	3,715	3,774
2,956	3,075	3,048	3,070	3,279	3,417	3,615	3,921	4,119	4,340
2,956	2,998	3,002	3,339	3,414	3,428	3,717	3,930	4,123	4,036
3,644	3,581	3,511	3,491	3,558	3,678	3,842	4,028	4,107	4,079
7,275	7,380	7,958	8,129	9,045	10,272	8,987	9,248	8,727	8,339
3,043	3,077	3,160	3,171	3,206	3,276	3,448	3,716	3,862	3,917
3,630	3,540	3,463	3,440	3,375	3,528	3,731	3,946	4,061	4,018
3,901	3,779	3,767	3,753	3,915	4,016	4,236	4,427	4,519	4,415
3,774	3,624	3,643	3,686	3,999	3,970	3,970	4,239	4,126	4,100
2,684	2,590	2,597	2,505	2,557	2,555	2,707	2,766	2,817	2,790
3,853	3,866	3,754	3,861	4,061	4,291	4,408	4,556	4,570	4,442
3,204	3,260	2,907	3,122	3,226	3,203	3,242	3,831	3,748	3,791
3,178	3,175	3,259	3,481	3,583	3,486	3,613	3,559	3,876	3,862
4,278	4,202	4,337	4,248	4,327	4,378	4,457	4,612	4,725	5,010
2,955	2,586	2,545	2,411	2,486	2,444	2,544	2,662	2,631	2,567
3,845	4,009	3,557	3,413	3,965	4,126	4,269	4,322	4,319	4,356
3,855	3,944	4,151	4,400	4,994	5,385	5,499	5,695	5,667	5,285
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	1,446	1,544	2,012	1,996
—	—	—	2,747	2,699	2,740	2,852	3,767	3,643	3,447
—	—	—	—	2,137	1,360	1,940	2,842	3,376	3,521
—	—	—	1,238	1,373	1,485	1,511	1,475	1,508	1,574
—	—	—	—	—	—	908	—	—	—
—	—	—	3,408	3,404	3,227	—	3,590	4,660	4,223

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Schools*, various years; *Statistics of State School Systems*, various years; and Common Core of Data surveys.



**Table 16.—Current expenditure per pupil in average daily attendance for public elementary and secondary schools, by region and state: 1969-70 to 1988-89 (in constant 1988-89 dollars)—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1988-89	1969-70 to 1979-80	1979-80 to 1988-89	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1988-89
<b>United States</b> .....	<b>\$4,639</b>	—	<b>77.2</b>	<b>35.5</b>	<b>30.8</b>	<b>22.0</b>	<b>11.1</b>	<b>12.1</b>	<b>16.6</b>
<b>Northeast</b> .....	<b>6,694</b>	—	<b>98.5</b>	<b>35.9</b>	<b>46.1</b>	<b>25.1</b>	<b>8.6</b>	<b>16.4</b>	<b>25.5</b>
Connecticut .....	6,857	—	124.7	23.8	81.5	19.3	3.7	43.7	26.3
Maine .....	4,744	—	113.5	28.1	66.6	16.7	9.8	21.7	36.9
Massachusetts .....	5,979	—	117.0	59.7	35.9	25.7	27.0	4.8	29.6
New Hampshire .....	4,807	—	107.2	28.9	60.7	19.0	8.3	25.3	28.3
New Jersey .....	7,549	—	131.6	52.8	51.5	27.9	19.4	3.6	46.3
New York .....	7,663	—	80.0	27.0	41.8	26.9	0.1	16.4	21.8
Pennsylvania .....	5,609	—	98.3	39.9	41.8	25.2	11.7	22.7	15.5
Rhode Island .....	5,976	—	109.0	42.0	47.2	31.3	8.2	21.0	21.6
Vermont .....	5,481	—	111.6	20.4	75.8	23.4	-2.4	34.2	31.0
<b>Midwest</b> .....	<b>4,701</b>	—	<b>78.7</b>	<b>36.6</b>	<b>30.8</b>	<b>19.1</b>	<b>14.7</b>	<b>10.5</b>	<b>18.4</b>
Illinois .....	4,906	—	68.1	38.4	21.5	21.6	13.8	0.4	21.0
Indiana .....	4,284	—	83.4	25.8	45.8	11.6	12.7	19.0	22.5
Iowa .....	4,285	—	58.2	34.1	18.0	8.8	23.3	9.4	7.9
Kansas .....	4,443	—	79.6	37.1	31.0	20.1	14.2	20.2	8.9
Michigan .....	5,116	—	76.4	42.1	24.1	23.0	15.5	7.0	16.0
Minnesota .....	4,755	—	64.0	28.5	27.6	24.6	3.1	13.0	12.9
Missouri .....	4,263	—	87.5	33.0	41.0	18.2	12.5	12.1	25.8
Nebraska .....	4,360	—	84.6	42.1	29.9	25.9	12.9	18.5	9.6
North Dakota .....	3,952	—	78.6	35.5	31.8	17.5	15.3	27.6	3.3
Ohio .....	4,649	—	98.5	38.3	43.5	16.6	18.6	16.2	23.5
South Dakota .....	3,581	—	61.8	34.6	20.2	13.2	18.8	11.3	8.0
Wisconsin .....	5,266	—	86.0	36.5	36.2	16.4	17.3	13.1	20.5
<b>South</b> .....	<b>3,929</b>	—	<b>90.2</b>	<b>40.4</b>	<b>35.5</b>	<b>25.8</b>	<b>11.6</b>	<b>15.9</b>	<b>16.9</b>
Alabama .....	3,197	—	83.2	44.2	27.0	24.8	15.6	5.9	20.0
Arkansas .....	3,273	—	79.7	35.0	33.2	14.8	17.6	15.7	15.1
Delaware .....	5,422	—	87.8	54.7	21.4	22.6	26.1	7.3	13.1
District of Columbia .....	7,850	—	140.3	55.7	54.3	27.4	22.2	14.9	34.3
Florida .....	4,563	—	94.2	25.5	54.7	29.9	-3.4	25.9	22.9
Georgia .....	3,852	—	104.2	34.5	51.8	30.9	2.8	20.0	26.5
Kentucky .....	3,347	—	91.4	51.8	26.0	21.0	25.5	3.1	22.2
Louisiana .....	3,317	—	59.5	34.6	18.6	27.2	5.8	22.5	-3.2
Maryland .....	5,758	—	95.4	37.7	42.0	24.3	10.7	15.9	22.5
Mississippi .....	2,874	—	78.9	61.6	10.7	27.6	26.6	3.7	6.7
North Carolina .....	3,874	—	97.2	39.4	41.5	30.1	7.2	9.8	28.8
North Carolina .....	3,874	—	74.2	55.1	12.4	23.9	25.2	8.6	3.5
Oklahoma .....	3,379	—	74.2	55.1	12.4	23.9	25.2	8.6	3.5
South Carolina .....	3,736	—	90.1	39.2	36.6	22.9	13.2	16.6	17.2
Tennessee .....	3,491	—	92.2	40.6	36.7	27.6	10.1	7.0	27.7
Texas .....	3,877	—	93.6	49.3	29.6	24.3	20.2	19.7	8.3
Virginia .....	4,539	—	99.9	35.4	47.6	23.6	9.6	17.5	25.6
West Virginia .....	3,885	—	80.7	39.5	29.5	14.0	22.4	24.0	4.5
<b>West</b> .....	<b>4,121</b>	—	<b>53.3</b>	<b>33.2</b>	<b>15.1</b>	<b>17.2</b>	<b>13.6</b>	<b>7.3</b>	<b>7.3</b>
Alaska .....	7,716	—	114.2	104.9	4.6	58.4	29.3	21.8	-1.1
Arizona .....	3,902	—	68.9	33.2	26.8	23.1	8.2	12.1	2.2
California .....	4,121	—	48.1	27.2	16.4	15.0	10.7	5.4	10.5
Colorado .....	4,408	—	86.2	59.6	16.6	27.2	25.5	12.1	4.1
Hawaii .....	4,121	—	52.8	34.4	13.7	19.5	12.4	9.5	3.8
Idaho .....	2,838	—	46.7	33.8	9.6	22.9	8.9	4.5	4.9
Montana .....	4,293	—	71.1	54.1	11.0	26.1	22.3	14.0	-2.6
Nevada .....	3,791	—	53.6	32.1	16.3	12.6	17.3	-0.5	16.9
New Mexico .....	3,473	—	53.1	40.0	9.4	14.9	21.8	13.8	-3.9
Oregon .....	5,182	—	74.7	41.7	23.3	23.1	15.1	6.1	16.3
Utah .....	2,579	—	28.4	28.7	-0.3	19.2	8.0	-1.6	1.4
Washington .....	4,352	—	48.2	36.5	8.5	11.1	22.8	6.5	1.9
Wyoming .....	5,375	—	95.7	43.6	36.3	21.5	18.2	39.4	-2.2
<b>Outlying Areas</b> .....	—	—	—	—	—	—	—	—	—
American Samoa .....	1,988	—	—	—	—	—	—	—	37.5
Guam .....	1,067	—	54.7	—	—	61.9	—	—	42.6
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	1,692	—	—	—	—	—	—	—	12.0
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	5,281	—	—	—	—	—	—	—	—

Chart 16a.—Percentage change in current expenditures per pupil in average daily attendance in public elementary and secondary schools, by state: 1969-70 to 1988-89 (in constant 1988-89 dollars)

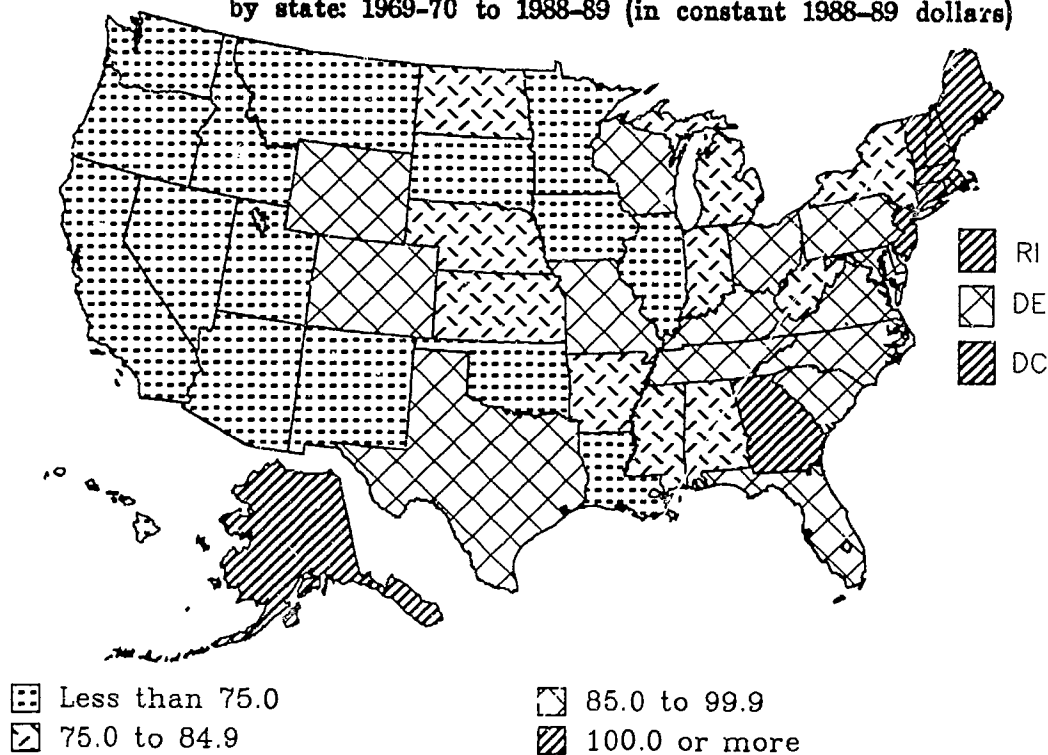
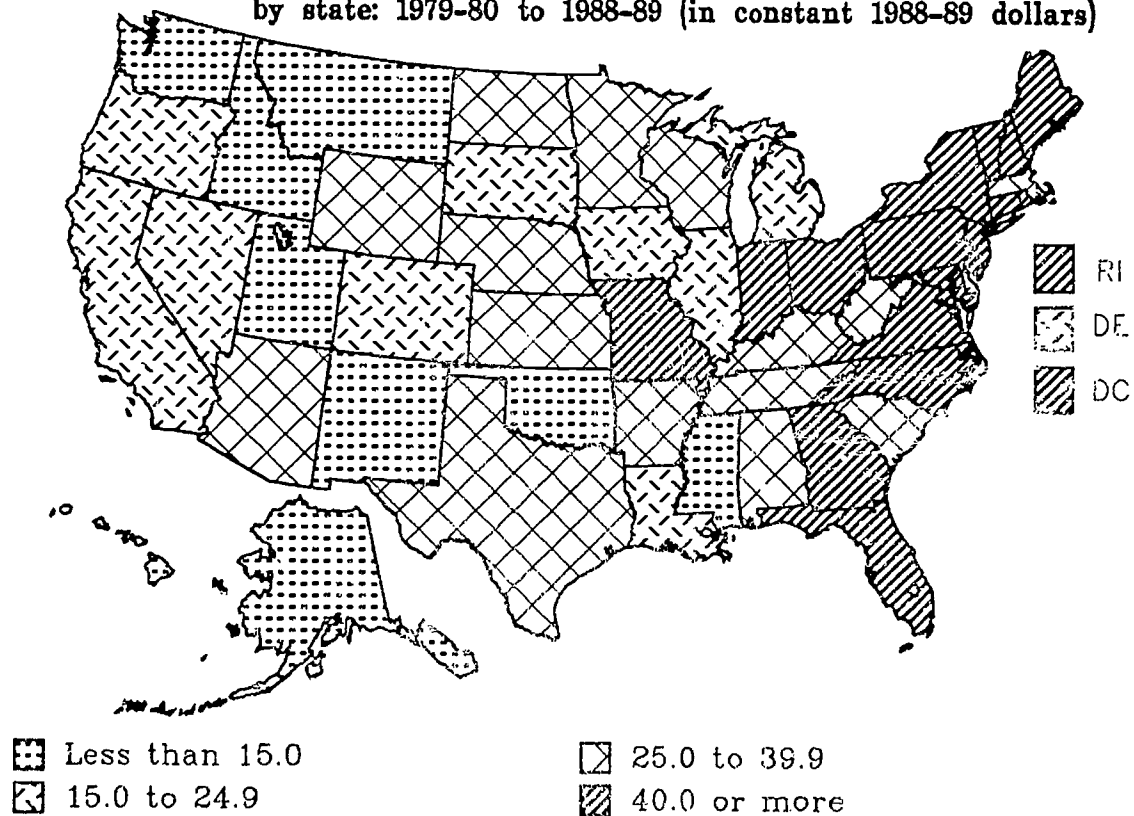


Chart 16b.—Percentage change in current expenditures per pupil in average daily attendance in public elementary and secondary schools, by state: 1979-80 to 1988-89 (in constant 1988-89 dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Schools*, various years; *Statistics of State School Systems*, various years; and Common Core of Data surveys.

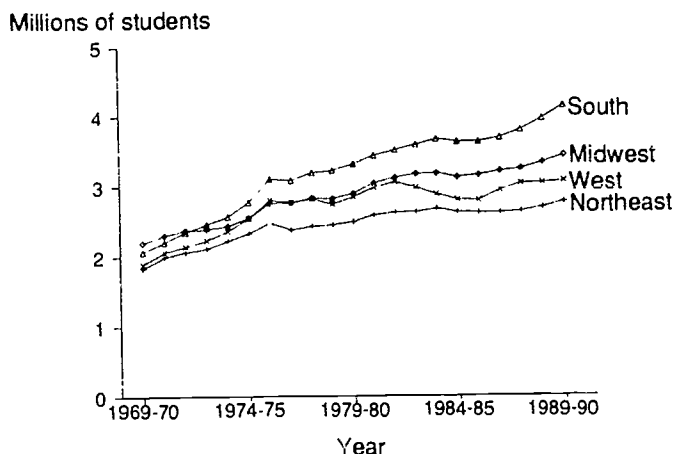
# Higher Education

## Total Enrollment

Total enrollment in higher education in the United States rose nearly 70 percent between 1969 and 1989, from 8 million to approximately 13.5 million full-time and part-time students. Most of the dramatic growth in enrollment took place in the 1970s: between 1969 and 1979 alone enrollment rose 45 percent compared to only 16 percent from 1979 to 1989.

Between 1969 and 1989 enrollment increased more rapidly in the South (100%) than in the West (62%), the Midwest (56%), and the Northeast (51%). The Southern and Western states of Alabama, Alaska, Arizona, Florida, Georgia, Nevada, North Carolina, South Carolina, Texas, Virginia and Wyoming had increases of over 100 percent. Smaller increases were recorded in some states in the Midwest and Northeast. The smallest increases, less than 10 percent, occurred in the District of Columbia and South Dakota.

**Enrollment in institutions of higher education, by region:  
1969-70 to 1989-90**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.**

During the 1970s enrollment increased 60 percent in the South, 50 percent in the West, 36 percent in the Northeast and 32 percent in the Midwest. Increases were over 60 percent in the Southern and Western states of Nevada, Alaska, South Carolina, Virginia, Arizona, Washington, Florida, North Carolina, Maryland, Texas and Alabama, and were also high in the Northeastern states of New Jersey and Rhode Island.

Some Southern and Western states, such as Nevada, Wyoming, and Florida, continued to have large increases (over 45 percent) in enrollment during the 1980s while most others faced smaller rises. The District of Columbia and Washington experienced enrollment declines. Some Northeastern and Midwestern states such as Maine, New Hampshire, and Minnesota had large increases of over 30 percent (table 17).

## Public 4-Year Colleges and Universities

Public 4-year colleges and universities throughout the U.S. increased their enrollment by 44 percent between 1969 and 1989, from 4.0 to 5.7 million students. As with total enrollment, the rate of increase was greater during the 1970s, with a 26 percent rise compared to 14 percent growth in the 1980s.

Once again, the fastest rates of growth between 1969 and 1989 occurred in certain states located in the South and West, in which 9 states experienced increases of over 75 percent. The South as a region had an increase of close to 70 percent. The Midwest as a region displayed a smaller increase in enrollment compared to the national average, as did the West due to relatively small increases in California.

During the 1970s, public 4-year institutions had large increases in enrollment, especially in the Southern states of South Carolina, Florida, Alabama, Virginia, North Carolina, Texas, and Maryland, and in the District of Columbia. The only state outside the South with enrollment growth of 45 percent or more was New Jersey. Some Midwestern and Western states actually had enrollment declines during the 1970s, and then made large gains during the 1980s. North Dakota's enrollment decreased by 1 percent between 1969 and 1979 and then increased by 30 percent between 1979 and 1989, and Utah's enrollment declined by 2 percent during the 1970s and rose by 27 percent in the 1980s. Other states that experienced increases in their public 4-year college and university enrollment during the 1980s by at least 25 percent were Alaska, Nevada, Maine, Wyoming, Florida, New Hampshire, Georgia, and Pennsylvania. Washington, Hawaii, and Tennessee experienced losses in enrollment in the 1980s, as did New Jersey and the District of Columbia, which had experienced large increases in the 1970s (table 18).

## Public 2-Year Colleges

Enrollment in public 2-year colleges rose 149 percent from 1969 to 1989, and nearly three-fourths of this increase occurred in the 1970s, when enrollment rose 110 percent. Total enrollment in public 2-year colleges was 1.9 million in 1969, 4.1 million in 1979 and 4.8 million in 1989.

Increases from 1969 to 1989 ranged from 42 percent in North Dakota to over 1000 percent in Maine, New Hampshire, and Nevada. On a regional basis, the South and Midwest had the largest increases. Enrollment in the South increased 256 percent between 1969 and 1989 and in the Midwest enrollment increased 179 percent. Large increases, and in a few cases (the District of Columbia and Alaska) decreases may have been due to reorganizations of state higher education systems, including establishment of new 2-year institutions as well as the conversion of 2-year to 4-year institutions or the closing of 2-year institutions (table 19).

## Private 4-Year Colleges and Universities

From 1969 to 1989 private 4-year colleges and universities experienced somewhat smaller increases in enrollment than their public counterparts. Enrollment rose from 2 million in 1969 to 2.7 million in 1989, an increase of 36 percent. As regions, the West had an increase of 59 percent and the South had an increase of 46 percent. Between 1969 and 1989, some Western and Southern states such as Arizona, Nevada, Hawaii, Alaska, Virginia, and Florida had increases in enrollment of over 100 percent. The West had the highest increases during the 1970s and the Midwest the lowest. However, during the 1980s the Midwest had a 20 percent increase in enrollment, the highest of any region in the country. Most of this was from 1984 through 1989 when private 4-year institutions in the Midwest had a 14 percent increase in enrollment. During that same period, enrollment rose less than 1 percent in the Northeast, only 7 percent in the West, and only 10 percent in the South (table 20).

## Private 2-Year Colleges

Enrollment in private 2-year colleges, as recorded by NCES, doubled from 1969 to 1989, but some of the apparent increase was due to more complete participation of these institutions in the NCES survey system. Enrollment in these schools rose from 133,000 students in 1969 to 263,000 in 1989. Enrollment rose most rapidly in the West, but some states in the West do not have any private 2-year colleges. During the 1980s the total enrollment rose 64 percent reflecting large enrollment increases in the West (104%), Midwest (100%), and Northeast (70%). The national rate of increase was moderated by the relatively low rate of increase in enrollment in the South (26%) (table 21).

## Summary of Total Enrollment

Overall, the past 20 years have seen a shift towards public higher education, higher enrollment in 2-year colleges, and greater enrollment in institutions in the South.

In 1989 institutions in the South enrolled 31 percent of all students in higher education compared to 25 percent in 1969. The Midwest as a region enrolled the highest percentage (27 percent) in 1969, but this dropped to 25 percent in 1989. During that same period the Northeast and the West also faced slight losses in share of higher education enrollment. The Northeast went from 23 percent in 1969 to 20 percent in 1989, the West declined slightly from 24 percent in 1969 to 23 percent in 1989.

The South had the highest share of enrollment in public 4-year institutions in 1989, at 35 percent, while the West had the highest share of students in public 2-year institutions, at 33 percent. The Northeast had the highest percentage of students in both private 4-year institutions (39 percent) and private 2-year institutions (41 percent).

On a state-by-state basis, the distribution of students in higher education tends to reflect the overall population with the largest concentrations of students in the largest states. In 1989, 13 percent of all students attended colleges in California, followed by New York at 8 percent, Texas at 7 percent and Illinois at 5 percent (tables 17, 18, 19, 20, 21).

## Full-Time-Equivalent Enrollment

Full-time-equivalent (FTE) enrollment rose from 6.3 million in 1969 to 9.7 million in 1989, a 54 percent rise across the country. Increases in FTE enrollment generally lagged behind increases in total enrollment because of disproportionately large increases in part-time enrollment. However, trends in FTE enrollment for all institutions reflected trends in total enrollment, with larger increases in the 1970s than in the 1980s, and greater enrollment increases in the South and some Western states.

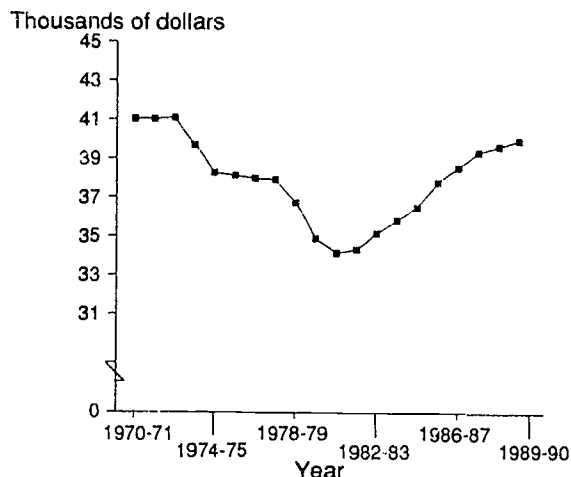
For public 4-year colleges and universities, FTE enrollment increased 42 percent, from 3.3 million to 4.6 million, between 1969 and 1989, with more of the increase occurring during the 1970s than the 1980s. Public 2-year college FTE enrollment rose from 1.3 million in 1969 to 2.7 million in 1989, an increase of 108 percent. Regional enrollment increases at these institutions were greatest in the South and Midwest.

At private 4-year colleges and universities, FTE enrollment rose 33 percent, from 1.6 million in 1969 to 2.2 million in 1989. Regional enrollment increases were largest in the West and the South. Private 2-year colleges had an FTE enrollment increase of 83 percent between 1969 and 1989, rising from .1 to .2 million students. Once again, as in total enrollment for private 2-year colleges, enrollment increases in part reflect an increase in survey participation (tables 22, 23, 24, 25, 26).

## Average Salaries for Faculty

Although average salary for faculty on 9- and 10-month contracts rose from \$12,710 in 1970-71 to \$39,965 in 1989-90, this amounted to a 2 percent loss when adjusted for inflation. The average salary for faculty fell 14 percent during the 1970s when adjusted for inflation, but it rose 14 percent during the 1980s.

**Average salary for faculty in institutions of higher education: 1970-71 to 1989-90 (in constant 1989-90 dollars)**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Salaries and Tenure of Full-Time Instructional Faculty surveys; and IPEDS, Salaries, Tenure and Fringe Benefits of Full-Time Instructional Faculty surveys.**  
**Note: Data for 1973-74, 1983-84, 1986-87 and 1988-89 interpolated from other years.**

Between 1984-85 and 1989-90 the U.S. average salary in constant dollars for faculty increased close to 10 percent nationally compared to almost 5 percent from 1979-80 to 1984-85. During the 10-year period from 1979-80 to 1989-90 10 states showed increases in average salary for faculty of 20 percent or more.

For academic year 1970-71 average salaries for faculty ranged from \$9,975 (\$31,884 in constant 1989 dollars) paid by institutions in Mississippi to \$14,193 (\$45,366 in constant 1989-90 dollars) offered by institutions in Illinois, the highest paying state. Illinois was followed by New York, Alaska, California, Connecticut, and Hawaii. The top five states for average faculty salary paid by institutions during academic year 1989-90 were Connecticut (in which institutions paid an average of \$47,232), California, Massachusetts, New Jersey, and Alaska. Illinois had dropped to 15th, Hawaii to 16th. The state with institutions offering the lowest average salary for faculty was South Dakota, where institutions were paying an average of \$29,437. West Virginia and Montana also had average salaries of less than \$30,000 (tables 27, 28).

## Associate Degrees

During the academic year 1988-89, over 435,000 associate degrees were conferred by institutions of higher education. This was up 38 percent from the 316,000 associate degrees conferred during the 1972-73 academic year. The rise in associate degrees awarded was not as dramatic as the rise in enrollment in 2-year institutions. A variety of factors could account for this trend. For example, this difference could reflect an increase in the number of students attending 2-year institutions and then transferring to 4-year institutions. The different rates could also reflect an increase in the proportion of students taking courses but not necessarily intending to complete an associate degree program.

During the 1970s, the South had the largest regional increase in the awarding of associate degrees. During the 1980s, 8 of the 13 states in the West reported increases of over 25 percent in the completion of associate degrees. However, the region as a whole awarded fewer associate degrees in 1988-89 than in 1979-80. This is because California, which awarded 53 percent of the total associate degrees awarded in the West during the 1988-89 academic year, witnessed an 18 percent decline in associate degrees awarded during the 1980s.

Between 1984-85 and 1988-89 the number of associate degrees conferred nationally fell by 4.3 percent. Across the country, 35 states reported a decline in associate degrees awarded, ranging from a .6 percent drop in Ohio to a 35 percent drop in the District of Columbia.

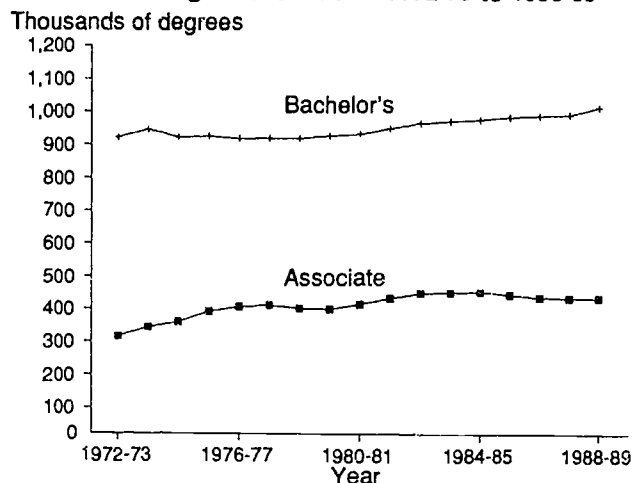
Of the 316,000 associate degrees conferred during 1972-73, 29 percent were in the West, 25 percent in the South, 24 percent in the Northeast and 22 percent in the Midwest. The top five states that year were California (21.0%), New York (12.0%), Florida (7.7%), Illinois (5.5%), and Michigan (4.3%). This distribution had changed by academic year 1988-89. Of the 435,000 associate degrees conferred, 30 percent were from institutions in states in the South, followed by 26 percent in the Midwest, 23 percent in the Northeast and 21 percent in the West. The top five states for awarding associate degrees that year were California (11.0%), New York (10.4%), Florida (7.4%), Illinois (5.3%), and Texas (5.2%) (table 29).

## Bachelor's Degrees

The number of bachelor's degrees conferred rose by 28 percent between academic year 1969-70 and 1988-89, from 792,000 to a little over 1 million. The South, West, and Northeast all had increases above the national average. During the 1970s the Northeast and South had the largest regional increases in the country in bachelor's degrees conferred, while in the 1980s the West and Midwest had the largest increases. On the state level, from 1969-70 to 1988-89 three states, Alaska, Delaware and Nevada, showed increases of over 100 percent. Other states with increases over 50 percent included Virginia, Rhode Island, Arizona, Florida, New Hampshire, and South Carolina.

Of the 792,000 bachelor's degrees awarded in 1969-70, the Midwest had 30 percent, the South 28 percent, the Northeast 24 percent and the West 17 percent. The top five states for that year were California (8.6%), New York (8.5%), Pennsylvania (6.0%), Ohio (5.3%), and Texas (5.1%). Institutions in the South awarded 30 percent of the over 1 million bachelor's degrees awarded in 1988-89, the Midwest 27 percent, the Northeast 25 percent and the West 18 percent. The five states awarding the most degrees were California (9.0%), New York (8.6%), Pennsylvania (5.8%), Texas (5.6%), and Illinois (4.8%) (table 30).

**Bachelor's and associate degrees conferred by institutions of higher education: 1972-73 to 1988-89**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Earned Degrees Conferred surveys; and IPEDS, Completions surveys.**

### Master's Degrees

Master's degrees awarded by institutions throughout the country increased by close to 50 percent between academic years 1969-70 and 1988-89. For the 1969-70 school year, 208,000 master's degrees were conferred, rising to approximately 310,000 for academic year 1988-89. On a regional basis the South had the most dramatic increase at 83 percent. The West also had a large increase (54 percent) during the 20-year period. Most of these gains were made during the 1970s, when the number of master's degrees awarded rose by 43 percent.

The total number of master's degrees awarded declined between 1976-77 and 1983-84, after having steadily increased throughout the early 1970s. But from 1983-84 through 1988-89 there was an 8 percent rise. In the late 1980s the number of master's degrees awarded increased more rapidly in the Northeast and Midwest than in the rest of the nation.

The regional distribution of the 208,000 master's degrees awarded in 1969-70 was different from that of associate and bachelor's degrees. The Midwest had 30 percent, the Northeast 29 percent, the South 23 percent and the West 18 percent. The five top states were New York (12.9%), California (9.3%), Illinois (6.1%), Michigan (5.8%) and Pennsylvania (5.3%). The South had the largest percentage of the 310,000 master's degrees awarded during 1988-89 at 28 percent, the Northeast was second at 27 percent, then the Midwest at 26 percent and the West at 19 percent. Institutions in New York awarded the largest percentage of master's degrees in the country (11.1%), followed by California (10.7%), Illinois (6.0%), Texas (5.5%), and Massachusetts (5.5%) (table 31).

### First-Professional Degrees

For academic year 1969-70, 35,000 first-professional degrees were conferred throughout the U.S. This number doubled by academic year 1988-89, when 71,000 first-professional degrees were awarded. In contrast to the number of master's degrees, which increased during the early 1970s, declined in the late 1970s and early 1980s and then rose again throughout the late 1980s, the number of first-professional degrees rose steadily until 1984-85 when it peaked at 75,000, and then declined through 1987-88.



The West led the country with an increase of 143 percent from 1969-70 through 1988-89. The South also had a large increase (109 percent) during that same time period. Most of this increase took place during the 1970s. During the 1980s, the country as a whole had less than a 1 percent increase in the number of first-professional degrees conferred, but the South had a 10 percent increase, and the Northeast a 5 percent increase. The Midwest and West both reported declines. The small increase in the 1980s reflects the effects of a decline of 6 percent between 1984-85 and 1988-89. During that time only Maryland, Delaware, Florida, Arizona, South Carolina, New Mexico, South Dakota, Virginia and Wisconsin reported increases in the number of first-professional degrees, and New York and Rhode Island were stable. All other states reported declines, ranging from less than 1 percent in Utah, to a 60 percent drop in Vermont.

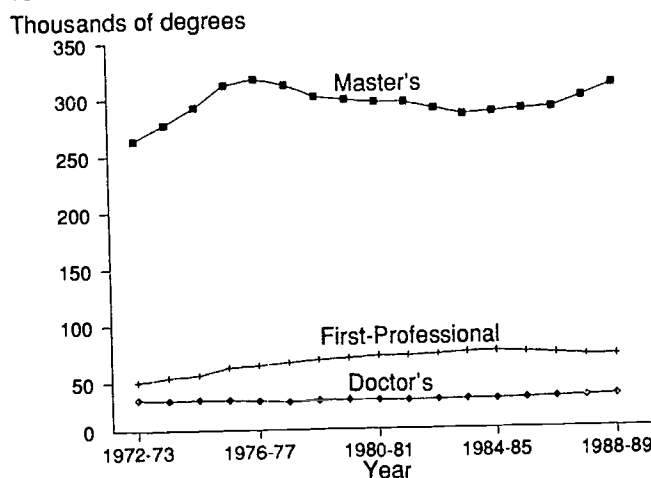
On a regional level, 31 percent of the 35,000 first-professional degrees awarded during academic year 1969-70 were awarded in the South, 30 percent in the Midwest, 25 percent in the Northeast and 14 percent in the West. The five states with the largest percentage of first-professional degrees awarded were New York (10.1%), California (9.0%), Illinois (6.5%), Pennsylvania (6.3%) and Texas (5.9%). For the 71,000 first-professional degrees awarded academic year 1988-89, 32 percent were from institutions in the South, 27 percent from the Midwest, 24 percent from the Northeast and 16 percent from the West. California awarded the most (10.8%), followed by New York (10.0%), Illinois (6.2%), Texas (5.9%), and Massachusetts (5.1%) (table 32).

### Doctor's Degrees

There was a relatively small increase of 20 percent in the number of doctor's degrees conferred between academic years 1969-70 and 1988-89, from 30,000 to 36,000. The number of doctor's degrees conferred rose approximately 9 percent during the 1970s and 10 percent through the 1980s, with most of the growth in the 1980s occurring from 1984-85 through 1988-89.

The South had a 47 percent increase in the number of doctor's degrees awarded between 1969-70 and 1988-89, larger than any of the other regions. The number of doctor's degrees conferred in the West also rose faster than the national average.

**Master's, first-professional, and doctor's degrees conferred by institutions of higher education: 1972-73 to 1988-89**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Earned Degrees Conferred surveys; and IPEDS, Completions surveys.**

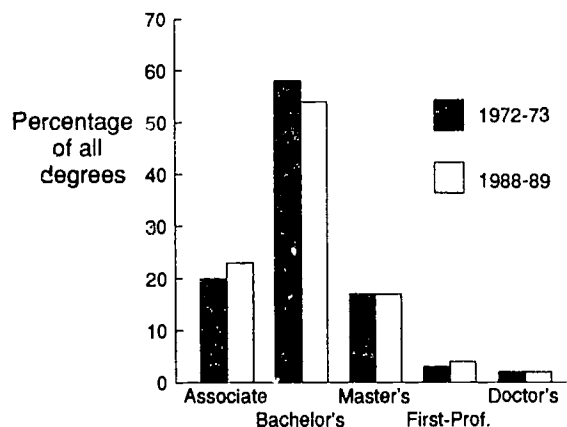
The South was awarding a larger share of doctor's degrees in the late 1980s than in the early 1970s. Of the approximately 30,000 doctor's degrees awarded in 1969-70, 32 percent were from the Midwest, 26 percent from the Northeast, 22 percent from the South and 20 percent from the West. The top five states were New York (11.0%), California (10.6%), Illinois (6.3%), Massachusetts (5.6%) and Michigan (5.3%). For the 36,000 doctor's degrees awarded during 1988-89, 27 percent were from institutions in the South, 26 percent from the Midwest and also from the Northeast, and 21 percent were from the West. The five states conferring the largest number of doctor's degrees were California (11.8%), New York (10.0%), Illinois (6.1%), Texas (5.9%) and Pennsylvania (5.7%) (table 33).

## Degree Summary

Nearly 1.9 million degrees were conferred during academic year 1988-89: 23 percent were associate degrees, 54 percent were bachelor's degrees, 17 percent were master's degrees, 4 percent were first-professional degrees and 2 percent were doctor's degrees.

This distribution of degrees has changed slightly since the 1972-73 academic year (the first academic year for which data on associate degrees are covered in this publication). In 1972-73, a total of 1.6 million degrees were awarded throughout the country: 20 percent of which were associate degrees, 58 percent were bachelor's degrees, 17 percent were master's degrees, 3 percent were first-professional degrees and 2 percent were doctor's degrees.

**Distribution of degrees, 1972-73 and 1988-89**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Earned Degrees Conferred surveys; and IPEDS, Completions surveys.**

## Current-Fund Expenditures for Higher Education

### Public Institutions

For academic year 1987-88, current-fund expenditures by public institutions of higher education totalled \$72.6 billion. This is up from \$13.2 billion spent during academic year 1969-70, a 448 percent rise in unadjusted dollars, or about 79 percent in constant 1987-88 dollars. On a regional level, the South and Northeast rose faster than the national average. Current-fund expenditures at public institutions rose, in constant 1987-88 dollars, 113 percent in the South and by close to 90 percent in the Northeast. The rate of increase in the South was greater during the 1970s than in the

1980s. The five states with increases of over 150 percent during the 1969-70 to 1987-88 period were Massachusetts, South Carolina, Virginia, Texas, and Alaska.

The distribution of current-fund expenditures by public institutions changed between academic years 1969-70 and 1987-88. The Midwest had the largest percentage of current-fund expenditures by public institutions in 1969-70 with 31 percent as opposed to 27 percent for the South, 25 percent for the West and 16 percent for the Northeast. The five states with the largest amounts of current-fund expenditures by public institutions were California (14.4%), New York (6.2%), Michigan (6.0%), Illinois (5.0%) and Ohio (4.5%). For academic year 1987-88 the South led the country with 32 percent of the current-fund expenditures for public institutions, followed by the Midwest with 27 percent, the West with 24 percent and the Northeast with 17 percent. The top five states for that time period were California (13.0%), TEXAS (6.6%), New York (6.2%), Michigan (4.8%) and Ohio (4.4%).

Educational and general expenditures for U.S. public institutions of higher education rose 465 percent in unadjusted dollars between 1969-70 and 1987-88, from 10.4 billion dollars to a little over 58.6 billion dollars. This increase amounted to 84 percent in constant 1987-88 dollars. Changes in educational and general expenditures reflected the changes in the total current-fund expenditures with the highest increase in the South, and with greater growth rates occurring during the 1970s than in the 1980s. There was little change in educational and general expenditures as a percentage of total current-fund expenditures, 78 percent of the total in 1969-70 and 81 percent in 1987-88 (tables 34, 35, 38, 39).

### **Private Institutions**

For private institutions of higher education, current-fund expenditures rose from 23.9 billion dollars to 41.1 billion dollars between 1969-70 and 1987-88, after adjustment for inflation. This represents a 72 percent rise, slightly less than the 79 percent increase for public institutions. There are major differences between public and private institutions in the regional trends of the increases in current-fund expenditures and in the distribution of these funds among the regions and states.

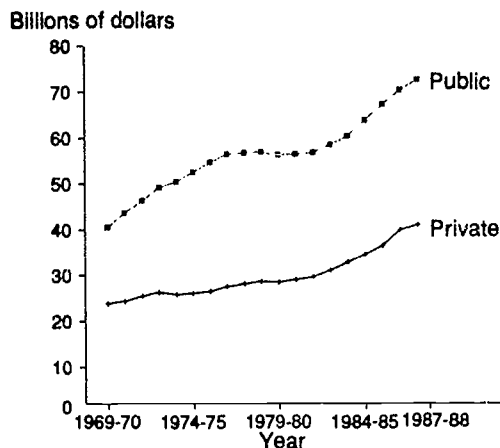
For private institutions, current-fund expenditures rose more sharply during the 1980s rather than the 1970s. From 1969-70 to 1979-80 current-fund expenditures rose 20 percent, and from 1979-80 to 1987-88 current-fund expenditures rose 44 percent. At the regional level, increases were larger in the South and West in both of these time periods. The five states with the largest percentage increases during the 1969-1987 period were Nevada, Arizona, Hawaii, Georgia, and Delaware.

The distribution of current-fund expenditures by private institutions changed slightly between academic years 1969-70 and 1987-88. The Northeast had by far the largest percentage of U.S. current-fund expenditures by private institutions in 1969-70 with 45 percent compared to 22 percent for the Midwest, 21 percent for the South and 12 percent for the West. The five states with the largest proportions of the nation's current-fund expenditures by private institutions were New York, which at 18.4 percent was larger than the entire Western region, followed by Massachusetts (10.9%), California (9.3%), Pennsylvania (8.1%), and Illinois (7.4%).

For academic year 1987-88 the Northeast again led the country with 42 percent of the current-fund expenditures for private institutions, followed by the South with 24 percent, the Midwest with 20 percent and the West with 14 percent. New York still had a higher percentage than the entire Western region at 16 percent, followed by California (10.9%), Massachusetts (10.3%), Pennsylvania (9.1%), and Illinois (7.2%). The District of Columbia, despite a small population, was sixth in the country in current-fund expenditures by its private institutions.

Educational and general expenditures for private institutions of higher education increased 464 percent between 1969-70 and 1987-88, from \$5.4 billion to \$30.5 billion. In constant 1987-88 dollars the increase was 84 percent. These changes are nearly identical to those of educational and general expenditures for public institutions.

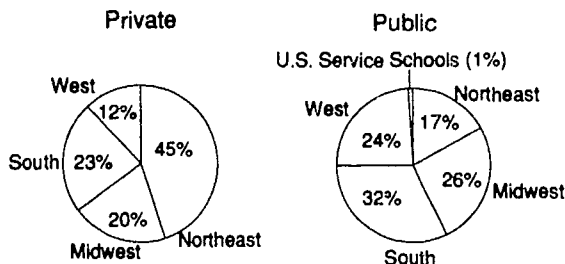
**Current-fund expenditures for Institutions of higher education: 1969-70 to 1987-88 (In constant 1987-88 dollars)**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Financial Statistics of Institutions of Higher Education surveys; and IPEDS, Financial Statistics surveys.**

In contrast to the pattern of regional increases in current-fund expenditures, educational and general expenditures rose more rapidly in the West than in the South. As a percentage of current-fund expenditures, educational and general expenditures made up 70 percent of the total in 1969-70 and 74 percent of the total in 1987-88 (tables 36, 37, 40, 41).

**Regional distribution of educational and general expenditures for 1987-88**



**SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Financial Statistics of Institutions of Higher Education surveys; and IPEDS, Financial Statistics surveys.**







Chart 17a.—Percentage change in enrollment in institutions of higher education, by state: Fall 1969 to fall 1989

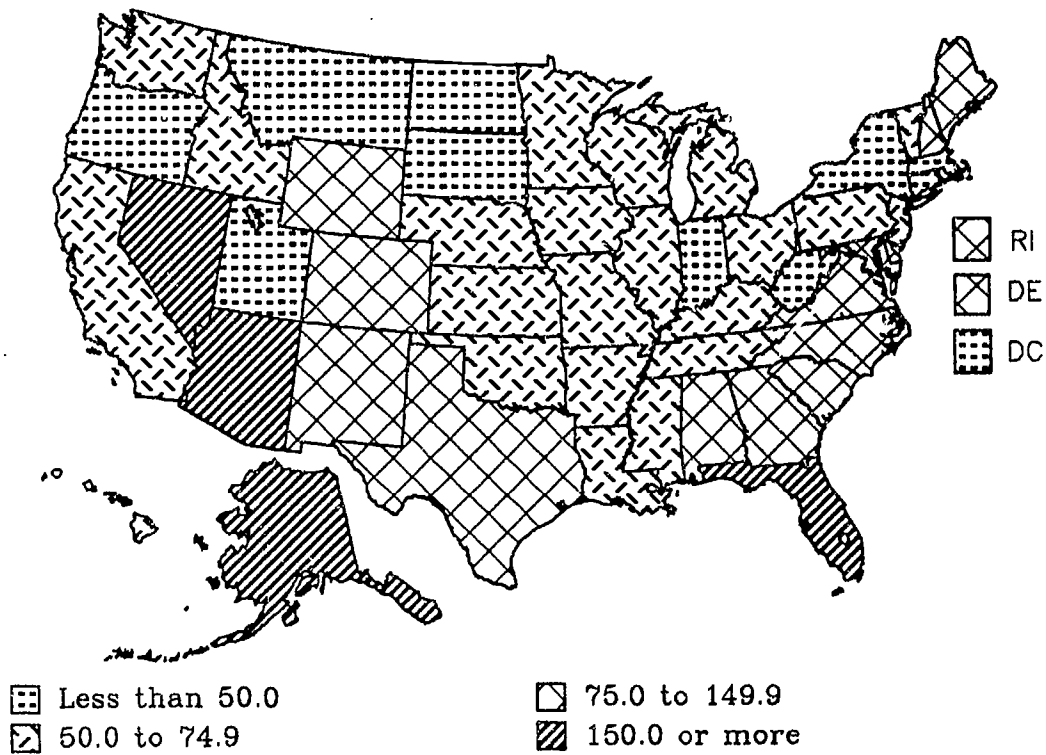
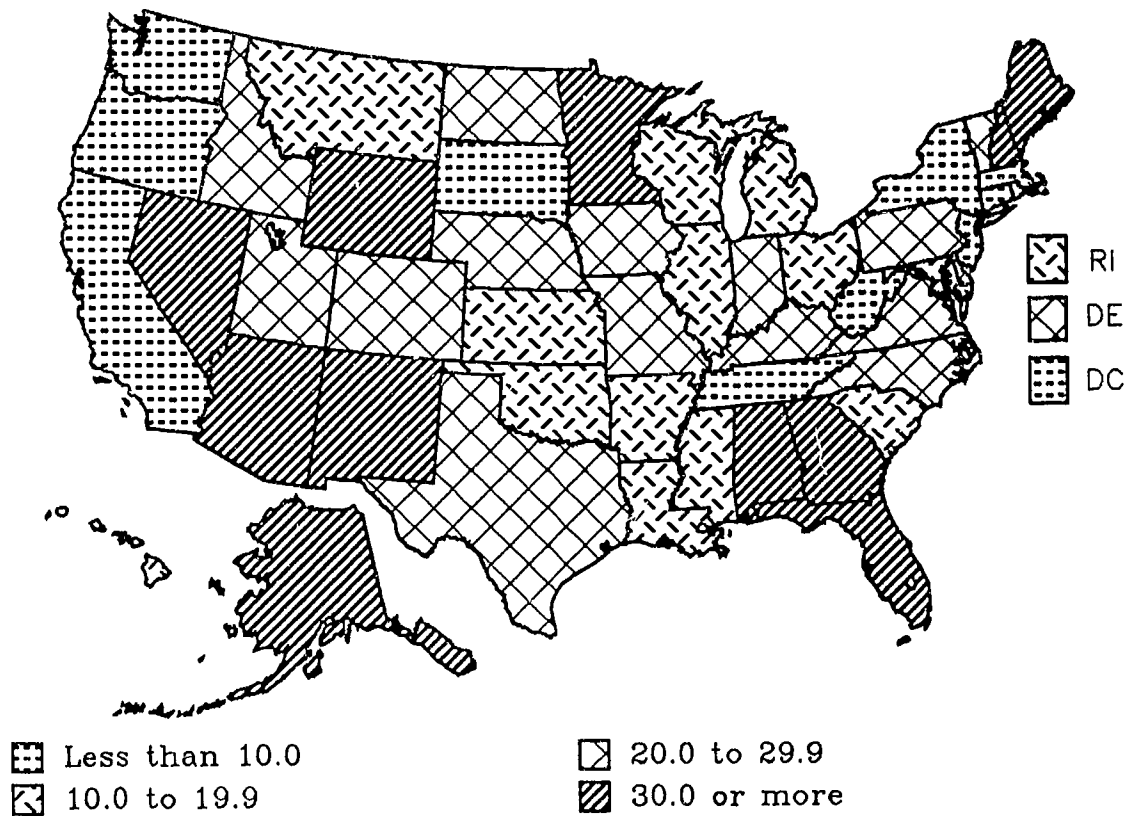


Chart 17b.—Percentage change in enrollment in institutions of higher education, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.







Table 18.—Enrollment in public 4-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>5,545,901</b>	<b>5,694,202</b>	<b>43.7</b>	<b>25.7</b>	<b>14.3</b>	<b>18.7</b>	<b>5.9</b>	<b>4.4</b>	<b>9.5</b>
<b>Northeast</b> .....	<b>906,723</b>	<b>1,006,324</b>	<b>52.7</b>	<b>32.1</b>	<b>15.6</b>	<b>35.0</b>	<b>-2.2</b>	<b>2.9</b>	<b>12.4</b>
Connecticut .....	64,501	65,427	49.0	23.5	20.7	21.9	1.3	7.6	12.1
Maine .....	30,198	34,233	62.7	18.4	37.4	12.8	-4.9	15.5	18.9
Massachusetts .....	112,854	112,222	54.0	41.0	9.3	37.7	2.4	5.6	3.4
New Hampshire .....	24,047	24,688	71.0	28.6	33.0	11.8	15.0	12.1	18.6
New Jersey .....	133,289	135,101	59.6	67.2	-4.5	61.3	3.6	-5.2	0.8
New York .....	352,559	358,538	58.9	36.2	16.7	48.3	-8.1	4.6	11.5
Pennsylvania .....	229,235	234,784	42.7	11.4	28.0	13.1	-1.5	1.5	26.1
Rhode Island .....	24,278	25,234	26.2	13.0	11.6	22.2	-7.5	-1.7	13.6
Vermont .....	15,762	16,127	36.0	27.1	7.0	22.3	3.9	0.1	6.9
<b>Midwest</b> .....	<b>1,562,654</b>	<b>1,594,612</b>	<b>26.3</b>	<b>13.2</b>	<b>11.6</b>	<b>5.7</b>	<b>7.1</b>	<b>3.2</b>	<b>8.1</b>
Illinois .....	193,442	194,913	17.3	12.7	4.1	10.5	2.0	-1.4	5.6
Indiana .....	173,499	181,286	48.1	22.6	20.9	14.5	7.0	5.4	14.7
Iowa .....	68,872	68,221	37.6	19.5	15.1	4.5	14.3	17.9	-2.4
Kansas .....	87,368	89,180	24.3	17.7	5.6	5.7	11.3	-0.7	6.4
Michigan .....	249,484	255,555	22.7	15.5	6.2	10.2	4.8	-6.3	13.3
Minnesota .....	133,905	134,896	23.0	7.7	14.2	-0.8	8.5	5.1	8.7
Missouri .....	116,420	121,045	24.6	9.8	13.5	1.3	8.4	4.7	8.3
Nebraska .....	57,108	59,221	28.3	10.9	15.7	-0.1	11.0	6.5	8.7
North Dakota .....	27,932	29,718	27.8	-1.4	29.6	-12.7	12.9	18.3	9.6
Ohio .....	279,579	284,356	31.1	12.5	16.6	4.8	7.3	6.3	9.6
South Dakota .....	23,899	25,075	4.7	-4.7	9.8	-13.8	10.5	5.2	4.4
Wisconsin .....	151,146	151,146	18.5	11.2	6.5	3.4	7.6	7.1	-0.5
<b>South</b> .....	<b>1,910,069</b>	<b>1,980,234</b>	<b>68.8</b>	<b>44.4</b>	<b>16.9</b>	<b>27.8</b>	<b>13.0</b>	<b>6.3</b>	<b>10.0</b>
Alabama .....	112,944	121,155	92.1	63.4	17.6	32.1	23.7	-0.6	18.3
Arkansas .....	55,353	56,662	43.5	30.1	10.3	3.8	25.3	2.0	8.1
Delaware .....	22,328	23,080	47.1	34.1	9.7	28.8	4.2	-3.6	13.7
District of Columbia .....	12,109	12,433	74.2	111.5	-17.6	101.4	5.0	-10.9	-7.5
Florida .....	157,549	168,576	129.3	68.5	36.1	48.2	13.6	16.0	17.3
Georgia .....	129,693	136,239	88.0	42.7	31.7	32.3	7.8	9.0	20.9
Kentucky .....	98,112	102,332	57.9	44.0	9.7	25.2	15.1	-4.7	15.0
Louisiana .....	133,832	133,856	49.8	31.4	13.9	22.1	7.7	19.5	-4.7
Maryland .....	109,281	110,167	57.7	45.0	8.8	35.5	7.0	1.3	7.4
Mississippi .....	54,272	56,716	39.8	33.5	4.7	21.9	9.5	-3.1	7.0
North Carolina .....	140,025	144,413	86.2	49.5	24.5	32.5	12.8	8.6	14.7
Oklahoma .....	94,688	94,688	22.6	13.3	8.2	7.4	5.5	3.9	4.1
South Carolina .....	79,252	79,252	169.2	122.6	20.9	84.1	20.9	4.8	15.4
Tennessee .....	103,791	107,780	27.0	27.6	-0.5	19.4	6.9	-4.3	3.9
Texas .....	391,942	410,392	76.4	45.2	21.5	21.4	17.6	13.1	7.4
Virginia .....	154,165	158,260	81.4	51.5	19.8	36.8	10.7	4.8	14.3
West Virginia .....	60,733	62,227	33.9	29.8	3.2	10.8	17.1	-2.8	6.1
<b>West</b> .....	<b>1,068,776</b>	<b>1,095,255</b>	<b>28.5</b>	<b>13.7</b>	<b>13.0</b>	<b>13.0</b>	<b>0.7</b>	<b>4.1</b>	<b>8.6</b>
Alaska .....	22,138	26,274	340.1	12.8	290.2	12.8	0.0	67.2	133.3
Arizona .....	94,317	96,276	57.9	31.6	20.0	15.5	13.9	3.0	16.5
California .....	484,181	494,099	24.0	11.9	10.8	17.8	-5.1	4.0	6.5
Colorado .....	105,302	107,324	32.5	21.2	9.4	19.6	1.3	2.8	6.3
Hawaii .....	22,550	23,111	9.7	14.1	-3.8	10.1	3.6	-1.7	-2.2
Idaho .....	30,516	33,093	55.4	27.2	22.2	18.4	7.4	9.4	11.7
Montana .....	27,405	28,461	18.7	10.7	7.2	-3.3	14.5	10.3	-2.8
Nevada .....	25,179	27,085	118.8	43.1	52.9	13.7	25.8	16.7	31.0
New Mexico .....	47,176	47,591	37.6	27.4	8.0	15.9	9.9	14.3	-5.5
Oregon .....	68,432	66,775	1.0	-3.0	4.2	-5.5	2.6	-8.6	14.0
Utah .....	52,633	54,444	24.7	-1.7	26.9	-0.7	-1.1	13.6	11.6
Washington .....	78,174	78,387	6.5	12.5	-5.3	3.7	8.5	-4.8	-0.5
Wyoming .....	10,773	12,335	37.7	0.4	37.2	25.8	-20.2	12.2	22.3
<b>U.S. Service Schools</b> .....	<b>17,679</b>	<b>17,777</b>	<b>12.3</b>	<b>14.4</b>	<b>-1.8</b>	<b>7.5</b>	<b>6.4</b>	<b>9.0</b>	<b>-9.9</b>
<b>Outlying Areas</b> .....	<b>57,792</b>	<b>57,019</b>	<b>54.4</b>	<b>23.5</b>	<b>25.0</b>	<b>24.6</b>	<b>-0.9</b>	<b>24.4</b>	<b>0.5</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	2,096	2,385	8.7	44.3	-24.7	62.1	-11.0	-15.0	-11.4
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	53,225	51,937	54.3	20.2	28.4	20.5	-0.3	26.6	1.4
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	2,471	2,697	147.9	82.9	35.5	76.3	3.8	41.7	-4.4

Chart 18a.—Percentage change in enrollment in public 4-year institutions of higher education, by state: Fall 1969 to fall 1989

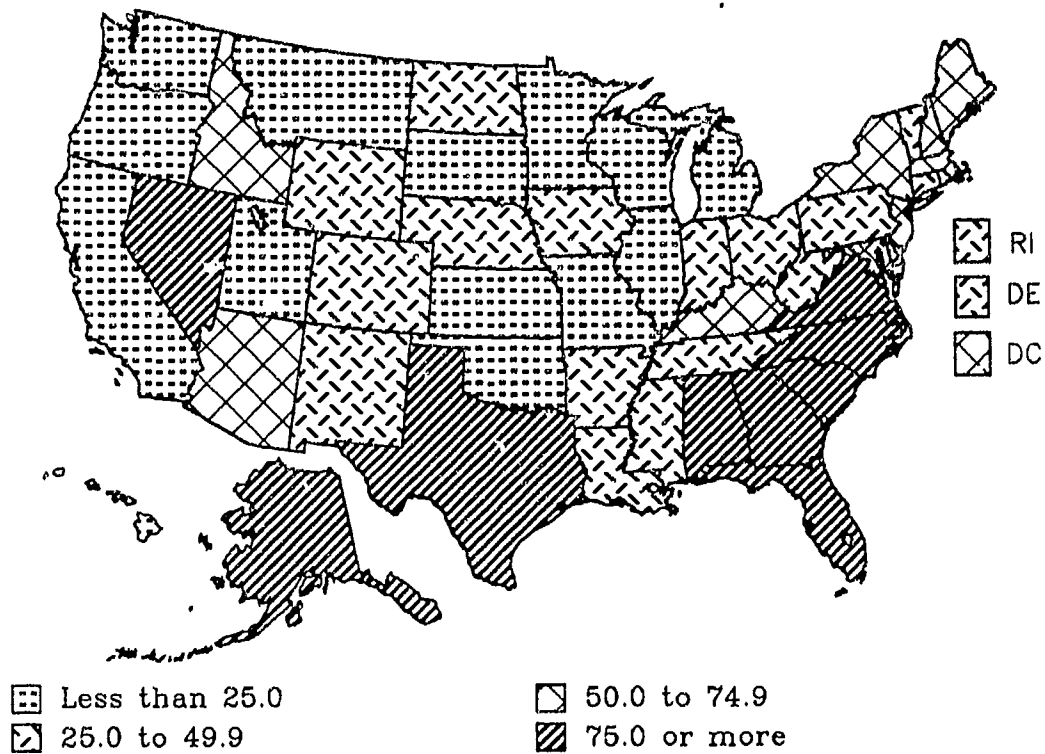
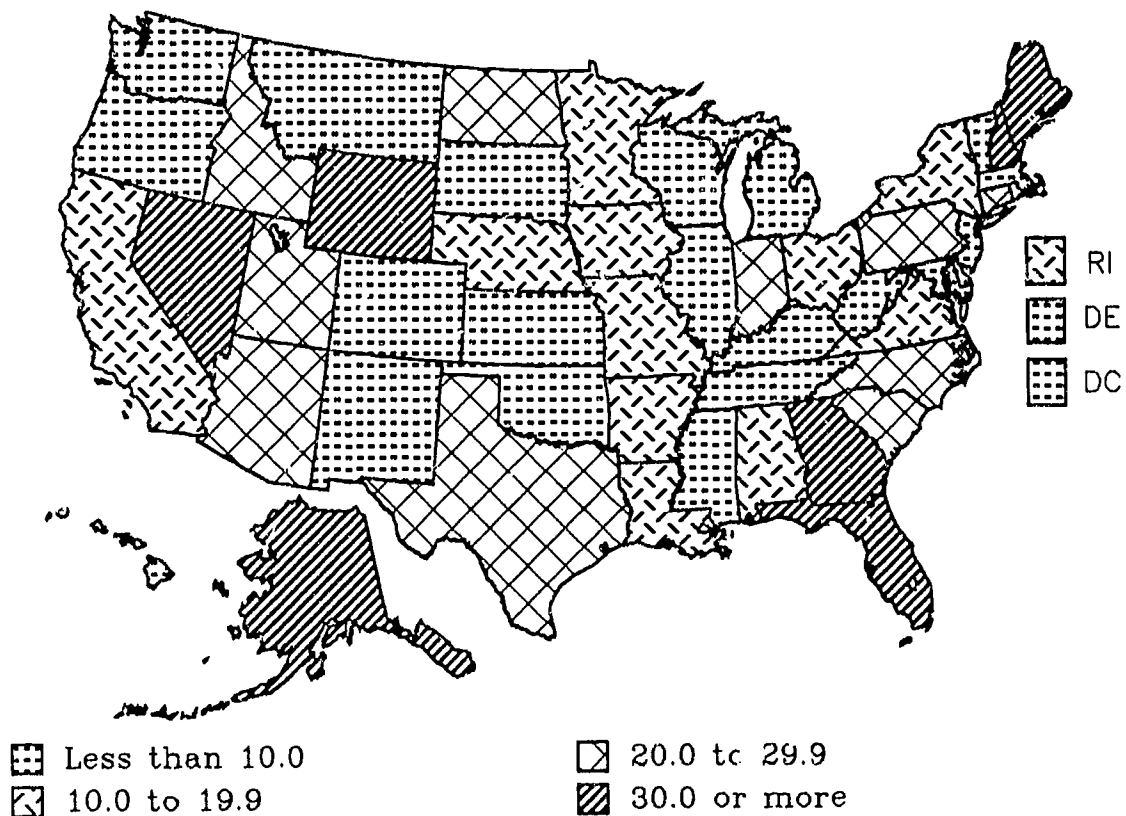


Chart 18b.—Percentage change in enrollment in public 4-year institutions of higher education, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.





**Table 19.—Enrollment in public 2-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued**

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>4,615,487</b>	<b>4,820,771</b>	<b>149.2</b>	<b>109.7</b>	<b>18.8</b>	<b>69.8</b>	<b>23.5</b>	<b>5.5</b>	<b>12.7</b>
<b>Northeast</b> .....	<b>585,849</b>	<b>615,306</b>	<b>97.4</b>	<b>84.3</b>	<b>7.1</b>	<b>64.5</b>	<b>12.0</b>	<b>6.8</b>	<b>0.3</b>
Connecticut .....	41,918	44,270	129.8	116.4	6.2	103.3	6.4	1.7	4.4
Maine .....	6,127	6,278	1893.0	2005.1	-5.3	1155.2	67.7	-29.8	34.8
Massachusetts .....	75,990	75,550	163.7	138.1	10.7	92.1	23.9	9.3	1.3
New Hampshire .....	6,677	8,201	1722.4	963.6	71.4	676.2	37.0	35.9	26.1
New Jersey .....	110,672	118,443	232.6	176.8	20.2	102.0	37.0	10.9	8.4
New York .....	231,291	242,049	42.9	43.2	-0.2	46.5	-2.2	1.3	-1.5
Pennsylvania .....	94,254	100,317	84.4	81.7	1.5	51.2	20.2	16.4	-12.8
Rhode Island .....	14,715	15,400	396.9	260.1	38.0	112.8	69.2	10.4	25.0
Vermont .....	4,205	4,798	817.4	266.9	150.0	296.9	-7.6	61.5	54.8
<b>Midwest</b> .....	<b>1,049,756</b>	<b>1,103,087</b>	<b>178.6</b>	<b>121.3</b>	<b>25.9</b>	<b>71.2</b>	<b>29.3</b>	<b>12.7</b>	<b>11.8</b>
Illinois .....	328,276	341,730	183.8	130.5	23.1	78.8	28.9	15.3	6.8
Indiana .....	35,737	35,147	997.7	630.5	50.3	207.6	137.5	47.9	1.6
Iowa .....	44,396	48,668	211.6	103.5	53.1	57.1	29.5	25.6	21.9
Kansas .....	51,334	55,954	228.8	104.6	60.7	48.1	38.1	24.5	29.0
Michigan .....	216,607	224,159	108.7	85.4	12.6	60.2	15.7	4.3	7.9
Minnesota .....	57,287	63,714	254.4	95.1	81.7	39.6	39.8	27.2	42.8
Missouri .....	62,309	71,277	161.6	71.2	52.8	61.6	5.9	25.1	22.1
Nebraska .....	30,935	32,116	866.5	502.3	60.5	137.9	153.2	28.6	24.8
North Dakota .....	7,690	7,783	41.6	24.7	13.5	18.1	5.6	6.7	6.4
Ohio .....	123,244	127,717	170.0	151.2	7.5	72.5	45.6	2.9	4.5
South Dakota .....	—	—	—	—	—	—	—	—	—
Wisconsin .....	91,941	94,822	207.4	163.9	16.5	112.3	24.3	2.2	14.0
<b>South</b> .....	<b>1,355,489</b>	<b>1,463,269</b>	<b>255.9</b>	<b>151.6</b>	<b>41.5</b>	<b>87.2</b>	<b>34.4</b>	<b>15.4</b>	<b>22.6</b>
Alabama .....	60,792	66,420	267.0	100.8	82.8	137.2	-15.4	29.7	40.9
Arkansas .....	16,601	17,754	543.3	304.7	59.0	82.2	122.1	11.9	42.0
Delaware .....	9,318	9,957	170.1	75.6	53.8	63.8	7.2	10.1	39.6
District of Columbia .....	—	—	—	—	—	—	—	—	—
Florida .....	262,829	312,293	213.7	101.5	55.7	49.7	34.6	4.9	48.4
Georgia .....	48,159	50,537	156.0	80.0	42.2	58.2	13.8	5.1	35.4
Kentucky .....	31,330	34,965	236.9	65.1	104.0	31.7	25.3	38.6	47.3
Louisiana .....	15,519	17,877	181.3	115.1	30.8	67.1	28.7	5.7	2.1
Maryland .....	103,041	107,395	207.1	152.7	21.5	85.0	36.6	12.4	8.1
Mississippi .....	44,122	46,319	142.4	83.9	31.8	49.1	23.3	12.7	16.9
North Carolina .....	127,045	132,649	279.1	172.1	39.3	105.2	32.6	29.7	7.4
Oklahoma .....	56,722	56,722	433.4	311.5	29.6	169.9	52.5	25.3	3.4
South Carolina .....	41,134	39,387	254.2	239.3	4.4	233.5	1.7	-3.1	7.8
Tennessee .....	51,819	59,276	646.4	453.7	34.8	188.1	92.2	11.7	20.7
Texas .....	361,203	372,103	275.0	155.9	46.5	81.6	40.9	26.7	15.7
Virginia .....	116,207	129,364	457.9	352.5	23.3	191.8	55.1	1.7	21.3
West Virginia .....	9,648	10,251	180.5	181.6	-0.4	162.0	7.5	-5.3	5.1
<b>West</b> .....	<b>1,598,039</b>	<b>1,602,072</b>	<b>96.4</b>	<b>92.8</b>	<b>1.9</b>	<b>61.0</b>	<b>19.7</b>	<b>-7.7</b>	<b>10.4</b>
Alaska .....	5,030	—	—	2009.3	—	929.5	104.9	16.3	—
Arizona .....	148,382	143,038	316.8	200.5	38.7	123.5	34.4	10.4	25.6
California .....	1,058,170	1,040,110	66.0	70.6	-2.7	54.8	10.2	-6.9	4.4
Colorado .....	57,654	68,526	328.1	163.5	62.5	93.7	36.0	4.2	55.9
Hawaii .....	19,979	20,533	129.5	113.1	7.7	92.0	11.0	5.8	1.8
Idaho .....	5,340	5,354	62.3	54.7	5.0	0.3	54.2	3.7	1.2
Montana .....	3,887	4,736	123.1	1.8	119.2	1.0	0.7	59.2	37.7
Nevada .....	23,465	29,099	9503.6	5825.1	62.1	3870.0	49.2	22.7	32.1
New Mexico .....	29,903	31,768	848.3	166.0	256.5	86.4	42.7	55.8	128.8
Oregon .....	68,174	74,536	134.5	131.8	1.2	95.3	18.6	-12.3	15.3
Utah .....	21,801	25,179	244.9	85.5	85.9	20.0	54.7	36.2	36.5
Washington .....	141,116	142,975	88.7	156.2	-26.3	44.5	77.3	-37.1	17.1
Wyoming .....	15,138	16,218	214.4	103.5	54.5	58.6	28.3	27.1	21.6
<b>U.S. Service Schools</b> .....	<b>26,354</b>	<b>37,037</b>	—	—	—	—	—	—	<b>12.0</b>
<b>Outlying Areas</b> .....	<b>9,641</b>	<b>10,430</b>	<b>82.6</b>	<b>121.5</b>	<b>-17.6</b>	<b>134.4</b>	<b>-5.5</b>	<b>-33.4</b>	<b>23.9</b>
American Samoa .....	908	1,011	—	—	18.1	—	2.8	1.8	16.1
Guam .....	1,723	1,965	65.7	—	—	—	—	—	12.9
Northern Marianas .....	352	419	—	—	—	—	—	—	-2.8
Puerto Rico .....	5,471	5,160	23.2	177.3	-55.6	196.0	-6.3	-60.6	12.6
Trust Territories .....	1,187	1,875	—	—	965.3	—	13.5	352.3	135.6
Virgin Islands .....	—	—	—	—	—	—	—	—	—

Chart 19a.—Percentage change in enrollment in public 2-year institutions of higher education, by state: Fall 1969 to fall 1989

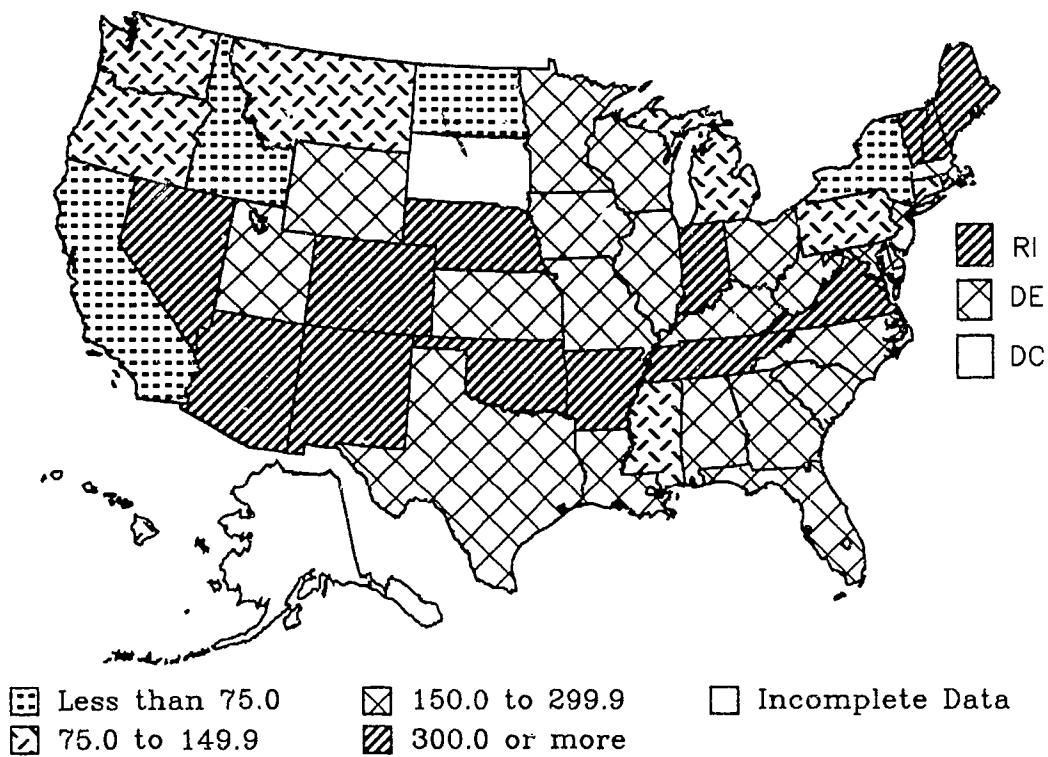
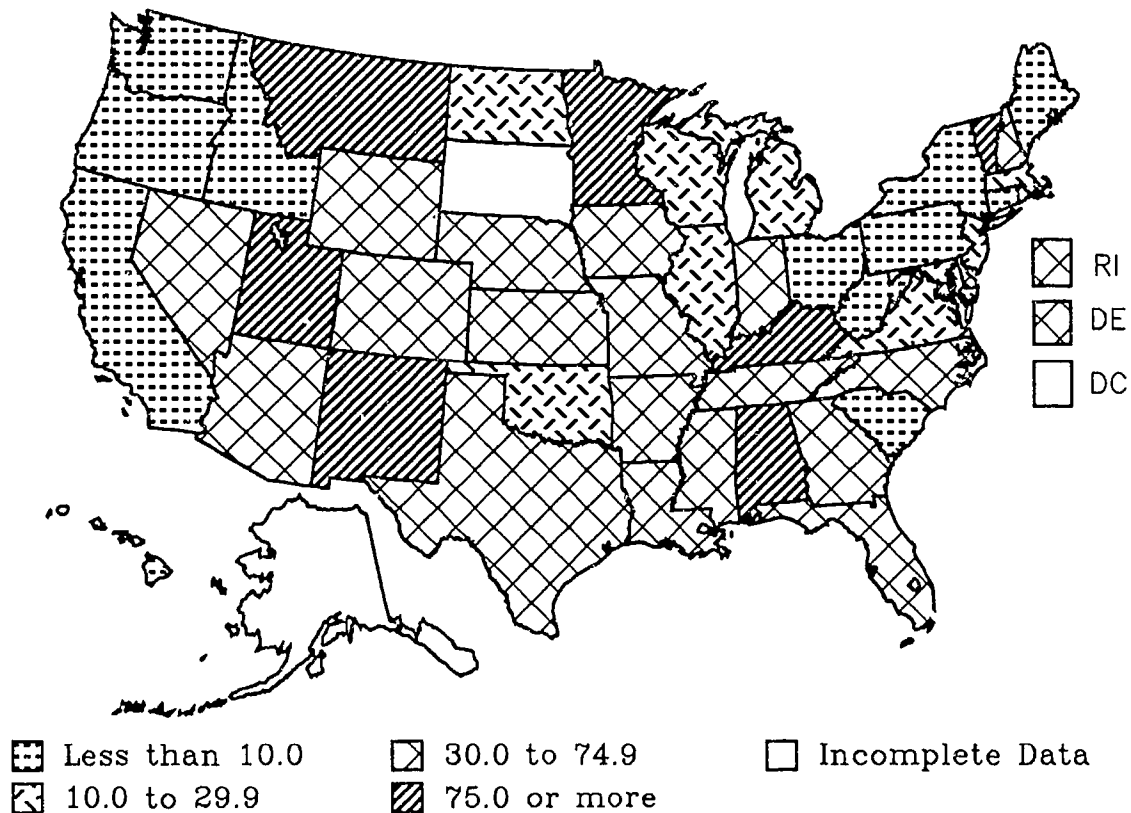


Chart 19b.—Percentage change in enrollment in public 2-year institutions of higher education, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.







Table 20.—Enrollment in private 4-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
United States .....	2,634,281	2,680,192	35.7	20.2	12.9	7.2	12.1	5.9	6.7
<b>Northeast</b> .....	<b>1,026,132</b>	<b>1,038,077</b>	<b>27.1</b>	<b>20.9</b>	<b>5.2</b>	<b>8.0</b>	<b>11.9</b>	<b>4.6</b>	<b>0.5</b>
Connecticut .....	57,467	58,068	19.7	21.6	-1.5	7.1	13.5	0.4	-1.9
Maine .....	10,965	16,277	79.4	14.4	56.9	-4.4	19.6	74.0	-9.9
Massachusetts .....	223,547	225,041	35.5	25.4	8.0	11.5	12.5	3.8	4.1
New Hampshire .....	24,170	24,432	90.8	43.0	33.5	6.8	33.9	25.6	6.3
New Jersey .....	55,983	56,648	-11.5	1.5	-12.8	-5.0	6.9	-7.5	-5.8
New York .....	393,027	394,521	23.2	22.6	0.5	8.9	12.5	2.6	-2.1
Pennsylvania .....	212,800	214,270	27.0	13.9	11.5	3.1	10.4	8.1	3.1
Rhode Island .....	35,854	35,899	90.6	59.4	19.6	50.9	5.6	15.4	3.6
Vermont .....	12,319	12,921	59.1	38.3	15.1	25.1	10.5	-4.5	20.5
<b>Midwest</b> .....	<b>649,877</b>	<b>671,661</b>	<b>31.1</b>	<b>9.5</b>	<b>19.8</b>	<b>-0.3</b>	<b>9.8</b>	<b>5.2</b>	<b>13.9</b>
Illinois .....	158,008	164,985	27.2	8.4	17.4	0.4	7.9	6.4	10.3
Indiana .....	55,431	56,433	-3.9	-10.1	6.9	-10.7	0.6	-2.3	9.4
Iowa .....	45,339	50,955	36.5	6.5	28.2	-7.6	15.2	2.9	24.6
Kansas .....	12,806	12,461	-11.8	-11.6	-0.2	-22.9	14.7	4.9	-4.9
Michigan .....	73,402	75,567	59.7	20.7	32.3	9.6	10.1	10.5	19.7
Minnesota .....	48,681	49,381	66.0	31.0	26.7	6.9	22.6	9.3	15.9
Missouri .....	80,940	83,468	76.1	40.2	25.6	18.2	18.6	1.3	24.0
Nebraska .....	16,370	16,824	9.1	-3.2	12.7	-16.0	15.2	10.6	1.9
North Dakota .....	2,659	2,672	181.0	106.7	35.3	37.3	50.5	19.5	13.8
Ohio .....	106,850	108,132	16.0	3.2	12.4	1.5	1.6	4.8	7.3
South Dakota .....	7,180	7,232	9.7	14.5	-4.0	-12.4	30.5	2.8	-6.6
Wisconsin .....	42,211	43,551	37.2	0.9	35.9	-10.4	12.7	6.9	27.1
<b>South</b> .....	<b>620,969</b>	<b>630,136</b>	<b>46.0</b>	<b>24.4</b>	<b>17.3</b>	<b>8.6</b>	<b>14.6</b>	<b>6.3</b>	<b>10.3</b>
Alabama .....	18,886	17,526	16.5	6.0	9.9	4.4	1.5	9.8	0.0
Arkansas .....	9,823	9,916	49.3	27.9	16.7	21.4	5.4	3.1	13.2
Delaware .....	6,615	7,525	—	—	115.2	—	596.6	52.6	41.0
District of Columbia .....	67,201	67,361	7.8	16.4	-7.4	7.0	8.8	-8.9	1.6
Florida .....	91,308	87,818	106.4	60.8	28.3	9.2	47.2	19.9	7.0
Georgia .....	42,554	42,284	98.0	52.5	29.9	21.7	25.3	17.0	11.0
Kentucky .....	23,289	22,261	10.8	-2.9	14.1	-13.2	11.8	6.9	6.7
Louisiana .....	24,183	25,859	34.3	16.2	15.6	8.3	7.3	4.7	10.3
Maryland .....	35,882	37,043	22.0	-7.6	32.0	-9.8	2.5	13.0	16.8
Mississippi .....	10,251	10,329	47.0	30.2	12.9	11.5	16.7	6.2	6.3
North Carolina .....	59,265	63,205	64.6	26.4	30.2	11.6	13.3	8.5	20.1
Oklahoma .....	18,434	18,497	18.1	24.8	-5.3	14.8	8.7	-2.4	-3.0
South Carolina .....	22,980	22,490	22.2	23.1	-0.7	11.3	10.6	-6.7	6.4
Tennessee .....	45,075	45,666	41.5	30.4	8.6	14.9	13.5	-3.5	12.5
Texas .....	89,969	90,771	32.9	21.0	9.9	14.4	5.7	8.6	1.2
Virginia .....	47,766	54,389	124.7	33.0	69.0	9.5	21.5	13.6	48.8
West Virginia .....	7,488	7,196	-25.7	-9.0	-18.3	-9.8	0.9	-11.4	-7.8
<b>West</b> .....	<b>337,303</b>	<b>340,318</b>	<b>59.0</b>	<b>34.7</b>	<b>18.0</b>	<b>19.2</b>	<b>13.0</b>	<b>10.7</b>	<b>6.6</b>
Alaska .....	1,207	2,064	161.3	-18.7	221.5	11.1	-26.9	53.6	109.3
Arizona .....	14,104	11,371	511.3	187.8	112.4	160.0	10.7	109.4	1.4
California .....	200,657	201,938	63.9	45.6	12.6	26.9	14.7	9.4	2.9
Colorado .....	18,348	19,756	32.8	-2.0	35.4	-10.1	9.0	8.5	24.8
Hawaii .....	9,768	10,544	253.4	97.6	78.9	47.8	33.7	37.6	30.0
Idaho .....	2,295	2,315	5.6	-7.8	14.5	-15.1	8.6	2.3	12.0
Montana .....	3,305	3,231	16.9	15.4	1.3	-0.3	15.8	6.3	-4.7
Nevada .....	161	264	312.5	321.9	-2.2	156.3	64.6	13.7	-14.0
New Mexico .....	2,056	1,991	-43.7	-0.6	-43.4	30.5	-23.8	-26.1	-23.4
Oregon .....	19,220	20,225	60.2	30.4	22.8	12.2	16.3	11.8	9.9
Utah .....	33,171	34,164	20.2	7.5	11.8	-3.4	11.3	0.8	10.9
Washington .....	33,011	32,455	56.6	27.3	23.0	16.8	9.0	10.7	11.1
Wyoming .....	—	—	—	—	—	—	—	—	—
U.S. Service Schools .....	—	—	—	—	—	—	—	—	—
<b>Outlying Areas</b> .....	<b>86,164</b>	<b>85,727</b>	<b>571.9</b>	<b>346.2</b>	<b>50.6</b>	<b>99.5</b>	<b>123.7</b>	<b>30.4</b>	<b>15.4</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	86,164	85,727	571.9	346.2	50.6	99.5	123.7	30.4	15.4
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

Chart 20a.—Percentage change in enrollment in private 4-year institutions of higher education, by state: Fall 1969 to fall 1989

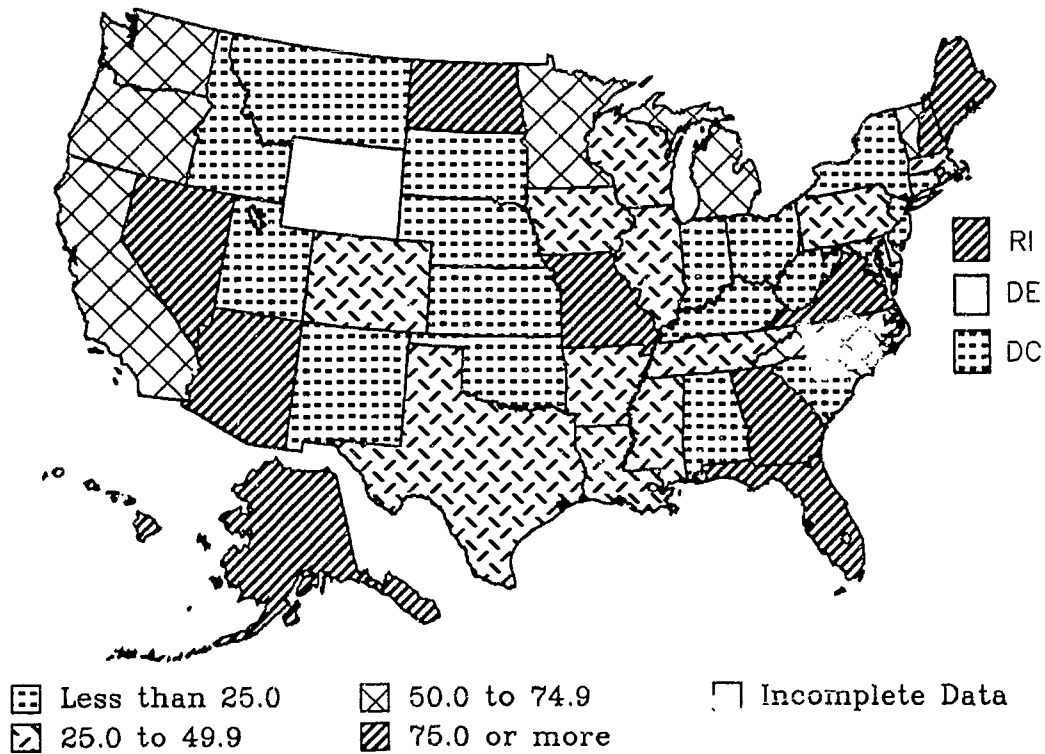
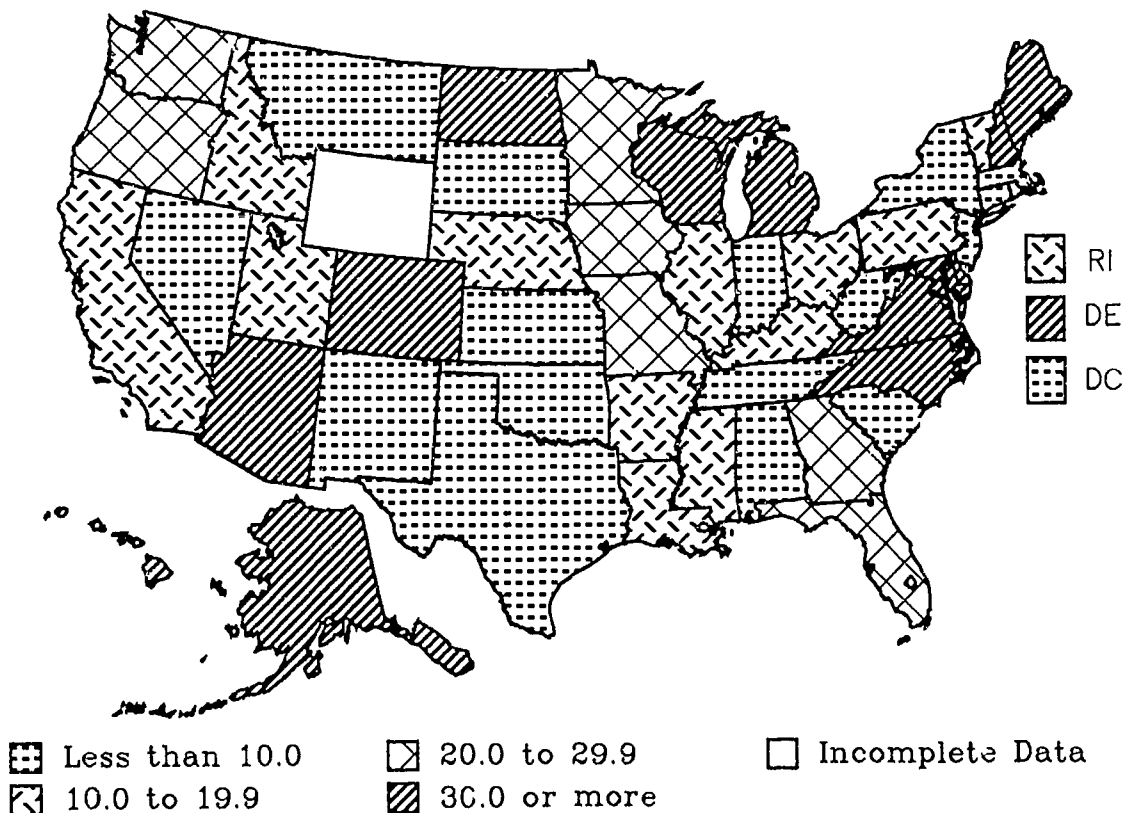


Chart 20b.—Percentage change in enrollment in private 4-year institutions of higher education, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.

**Table 21.—Enrollment in private 2-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989**

Region and state	Fall 1969	Fall 1970	Fall 1971	Fall 1972	Fall 1973	Fall 1974	Fall 1975	Fall '76	Fall 1977
<b>United States</b> .....	<b>133,187</b>	<b>123,973</b>	<b>121,970</b>	<b>115,247</b>	<b>122,479</b>	<b>118,512</b>	<b>133,753</b>	<b>131,532</b>	<b>141,173</b>
<b>Northeast</b> .....	<b>46,931</b>	<b>45,139</b>	<b>44,064</b>	<b>40,822</b>	<b>47,513</b>	<b>47,609</b>	<b>59,304</b>	<b>57,433</b>	<b>58,788</b>
Connecticut .....	2,731	2,670	2,232	2,065	1,909	1,824	2,026	1,128	1,148
Maine .....	69	—	469	244	282	268	352	438	468
Massachusetts .....	18,079	17,065	15,385	13,512	14,153	15,652	22,571	18,895	16,372
New Hampshire .....	426	515	507	445	589	1,061	727	187	207
New Jersey .....	4,512	5,865	6,973	7,012	6,543	6,579	6,709	7,058	6,912
New York .....	12,960	12,124	11,091	10,770	18,168	16,073	20,062	22,267	25,598
Pennsylvania .....	5,816	5,363	5,726	4,958	4,470	4,602	5,787	6,201	6,374
Rhode Island .....	877	—	—	—	—	—	—	—	480
Vermont .....	1,461	1,441	1,701	1,816	1,399	1,550	1,070	1,259	1,229
<b>Midwest</b> .....	<b>24,847</b>	<b>23,833</b>	<b>23,605</b>	<b>23,289</b>	<b>23,315</b>	<b>24,300</b>	<b>27,591</b>	<b>27,249</b>	<b>27,850</b>
Illinois .....	8,739	8,495	8,245	7,874	7,741	6,998	7,293	7,719	8,497
Indiana .....	956	859	989	1,004	1,621	1,540	2,236	2,187	1,662
Iowa .....	3,511	3,431	2,889	2,678	2,867	2,839	2,050	1,950	2,177
Kansas .....	1,689	1,633	1,666	1,500	1,410	1,419	1,704	1,717	1,663
Michigan .....	3,524	3,301	3,316	3,038	2,754	3,610	4,584	4,892	4,858
Minnesota .....	976	1,001	1,099	1,431	1,540	1,548	1,536	1,603	1,693
Missouri .....	2,711	2,452	2,667	2,330	1,472	1,525	1,851	1,315	1,229
Nebraska .....	337	318	343	342	380	327	344	343	308
North Dakota .....	122	121	—	—	—	434	422	431	438
Ohio .....	1,546	1,557	1,630	2,250	2,616	2,898	4,261	3,870	4,196
South Dakota .....	355	378	415	419	448	422	425	465	456
Wisconsin .....	381	287	346	423	466	740	885	767	673
<b>South</b> .....	<b>52,221</b>	<b>45,891</b>	<b>44,015</b>	<b>40,856</b>	<b>40,220</b>	<b>37,027</b>	<b>36,624</b>	<b>36,983</b>	<b>43,306</b>
Alabama .....	1,618	1,446	1,481	1,480	1,274	1,236	2,427	2,543	4,037
Arkansas .....	1,242	1,256	1,065	950	968	951	847	760	930
Delaware .....	3,635	3,661	3,386	3,230	3,568	3,613	4,602	4,132	2,835
District of Columbia .....	2,519	761	523	608	583	160	126	114	102
Florida .....	2,697	2,664	1,233	1,011	2,463	2,158	585	594	582
Georgia .....	3,641	3,352	3,289	2,293	2,472	2,813	3,788	3,281	5,390
Kentucky .....	1,971	1,818	1,646	1,641	1,643	1,535	1,647	3,103	4,476
Louisiana .....	—	—	—	—	—	—	—	—	—
Maryland .....	517	363	393	461	1,065	1,379	1,287	1,601	1,856
Mississippi .....	1,876	1,979	1,857	1,662	1,577	1,385	1,137	1,471	2,008
North Carolina .....	10,058	8,445	8,667	7,915	7,107	6,960	6,842	7,456	8,354
Oklahoma .....	2,734	2,750	2,910	2,907	3,095	3,156	3,472	2,349	2,102
South Carolina .....	3,351	3,762	4,081	4,290	3,135	2,949	3,482	3,231	3,136
Tennessee .....	2,509	2,670	2,716	2,922	3,240	3,323	1,970	1,742	2,718
Texas .....	7,706	6,093	6,039	5,113	4,178	1,602	1,602	1,650	1,613
Virginia .....	3,911	3,143	2,968	3,028	2,396	2,361	1,177	1,331	1,400
West Virginia .....	2,236	1,728	1,761	1,345	1,476	1,446	1,633	1,625	1,757
<b>West</b> .....	<b>9,188</b>	<b>9,110</b>	<b>10,266</b>	<b>10,280</b>	<b>11,431</b>	<b>9,576</b>	<b>10,234</b>	<b>9,870</b>	<b>11,229</b>
Alaska .....	153	159	247	277	330	245	276	252	—
Arizona .....	545	340	380	602	2,292	320	179	235	301
California .....	789	513	932	1,087	1,626	1,779	2,132	1,888	2,743
Colorado .....	—	—	68	55	—	—	—	—	550
Hawaii .....	594	338	521	581	—	—	—	—	—
Idaho .....	4,668	5,258	5,331	5,059	4,786	5,330	5,808	5,740	5,864
Montana .....	—	—	—	—	—	—	—	—	—
Nevada .....	—	—	—	—	—	—	—	—	—
New Mexico .....	—	—	—	—	—	—	—	—	—
Oregon .....	289	360	531	302	337	364	390	399	428
Utah .....	2,150	2,142	2,256	2,317	2,060	1,538	1,449	1,356	1,343
Washington .....	—	—	—	—	—	—	—	—	—
Wyoming .....	—	—	—	—	—	—	—	—	—
<b>U.S. Service Schools</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Outlying Areas</b> .....	<b>6,169</b>	<b>7,623</b>	<b>10,059</b>	<b>9,653</b>	<b>10,298</b>	<b>11,259</b>	<b>17,220</b>	<b>19,171</b>	<b>24,843</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	6,169	7,623	10,059	9,653	10,298	11,259	17,220	19,171	24,843
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

—Data not available or not applicable.

**Table 21.—Enrollment in private 2-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
<b>154,777</b>	<b>159,856</b>	<b>197,505</b>	<b>235,503</b>	<b>252,053</b>	<b>264,136</b>	<b>251,676</b>	<b>261,344</b>	<b>265,857</b>	<b>235,168</b>
<b>58,605</b>	<b>63,773</b>	<b>78,926</b>	<b>85,174</b>	<b>87,553</b>	<b>96,423</b>	<b>84,828</b>	<b>88,149</b>	<b>96,424</b>	<b>89,643</b>
1,129	1,190	1,548	1,531	1,506	1,548	1,605	1,725	1,784	1,731
1,133	995	1,128	1,241	1,321	1,219	1,221	1,243	956	958
<b>15,258</b>	<b>17,055</b>	<b>18,240</b>	<b>19,772</b>	<b>20,177</b>	<b>20,580</b>	<b>19,712</b>	<b>19,395</b>	<b>18,044</b>	<b>15,843</b>
287	455	2,089	2,189	2,465	2,648	2,742	2,641	2,593	2,206
7,073	7,414	8,148	8,428	1,900	1,969	1,794	1,929	2,411	2,554
<b>25,944</b>	<b>27,728</b>	<b>29,697</b>	<b>32,391</b>	<b>34,521</b>	<b>37,117</b>	<b>37,750</b>	<b>36,176</b>	<b>35,225</b>	<b>30,964</b>
5,914	6,935	15,771	16,972	22,550	27,657	18,133	23,169	33,652	33,314
620	672	854	1,163	1,471	1,828	—	—	—	—
1,247	1,329	1,451	1,487	1,682	1,857	1,871	1,871	1,759	2,073
<b>31,208</b>	<b>30,018</b>	<b>40,052</b>	<b>68,434</b>	<b>77,535</b>	<b>75,717</b>	<b>73,134</b>	<b>79,914</b>	<b>67,768</b>	<b>55,470</b>
8,146	8,482	8,351	6,998	6,891	6,609	8,133	12,122	9,021	9,436
2,281	2,205	4,060	4,862	5,980	6,514	5,737	5,953	4,039	3,410
3,122	1,805	2,134	2,106	2,381	2,331	2,364	2,524	3,449	3,325
1,652	1,623	1,687	1,626	1,581	1,737	1,607	1,437	1,268	1,247
6,638	7,033	6,836	8,325	8,942	9,313	9,082	10,065	6,478	3,616
1,629	1,684	3,659	4,022	4,206	4,601	4,228	4,441	4,503	4,810
1,255	1,310	1,509	1,677	1,993	2,584	2,416	2,850	3,032	3,229
304	324	360	664	656	692	684	631	352	453
151	150	215	469	501	663	795	831	100	238
4,025	4,409	9,766	36,074	42,333	38,334	35,861	36,542	33,574	23,435
769	400	726	732	778	768	708	864	656	708
1,236	593	749	879	1,293	1,571	1,519	1,654	1,296	1,563
<b>51,352</b>	<b>51,497</b>	<b>62,253</b>	<b>62,797</b>	<b>66,610</b>	<b>68,501</b>	<b>68,332</b>	<b>65,884</b>	<b>71,757</b>	<b>60,099</b>
4,368	4,474	4,025	4,916	4,577	3,626	4,531	3,849	4,442	3,602
1,449	1,586	2,324	2,294	2,319	2,610	3,056	2,974	1,543	1,935
2,585	1,288	862	868	756	777	737	608	—	—
—	—	—	—	—	—	—	—	—	—
1,632	2,328	4,748	5,700	7,299	7,702	7,848	7,048	13,873	4,082
5,651	6,500	10,080	8,763	9,224	9,957	8,735	9,133	8,934	8,060
5,448	5,213	7,379	7,921	9,064	9,300	9,991	10,110	8,754	8,096
245	286	375	375	375	375	1,706	1,706	1,905	1,141
671	726	694	1,069	1,267	1,370	342	365	760	852
2,191	1,815	2,351	2,403	2,559	2,017	1,983	1,494	1,685	2,312
9,599	9,336	9,006	8,970	8,800	8,189	7,186	6,820	6,558	6,786
1,673	1,855	2,758	3,009	3,111	2,989	3,137	3,472	4,575	5,360
5,186	5,544	6,225	5,027	5,196	5,720	5,124	5,149	4,582	5,108
5,550	5,558	5,787	5,914	6,088	7,770	7,755	6,221	5,597	5,600
1,787	1,723	2,494	1,980	1,788	2,178	1,940	2,852	3,454	3,541
1,316	1,347	1,006	1,256	1,244	1,204	1,442	1,595	2,501	1,432
2,001	1,918	2,139	2,332	2,943	2,717	2,819	2,488	2,594	2,192
<b>13,612</b>	<b>14,568</b>	<b>16,274</b>	<b>19,098</b>	<b>20,315</b>	<b>23,495</b>	<b>25,382</b>	<b>27,397</b>	<b>29,908</b>	<b>29,956</b>
—	—	—	—	—	—	—	—	—	—
321	248	148	162	213	1,124	2,279	1,359	2,023	1,793
4,433	4,515	5,536	7,088	7,326	8,315	9,462	11,242	11,401	11,290
689	1,190	1,086	1,785	3,370	3,572	3,682	4,030	4,314	4,281
—	—	—	—	—	—	—	—	—	—
6,408	6,462	6,495	6,748	6,539	6,449	6,318	6,880	7,375	8,379
—	—	821	1,021	928	987	954	919	1,059	712
—	—	—	—	—	—	—	—	25	25
—	—	—	—	—	—	—	—	—	—
240	389	516	578	255	898	178	320	366	329
1,471	1,583	1,646	1,654	1,665	2,150	1,907	1,481	1,491	1,119
—	181	—	36	19	—	602	1,166	1,232	1,407
—	—	26	26	—	—	—	—	622	621
—	—	—	—	—	—	—	—	—	—
<b>27,558</b>	<b>20,709</b>	<b>16,056</b>	<b>17,033</b>	<b>18,388</b>	<b>18,981</b>	<b>19,049</b>	<b>19,910</b>	<b>10,450</b>	<b>9,488</b>
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
<b>27,558</b>	<b>20,709</b>	<b>16,056</b>	<b>17,033</b>	<b>18,388</b>	<b>18,981</b>	<b>19,049</b>	<b>19,910</b>	<b>10,450</b>	<b>9,488</b>
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Fall Enrollment in Higher Education" surveys; and Integrated Postsecondary Education Data System, "Fall Enrollment" surveys.

**Table 21.—Enrollment in private 2-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued**

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b>	<b>259,668</b>	<b>262,690</b>	<b>97.2</b>	<b>20.0</b>	<b>64.3</b>	<b>-11.0</b>	<b>34.9</b>	<b>57.4</b>	<b>4.4</b>
<b>Northeast</b>	<b>91,523</b>	<b>108,064</b>	<b>130.3</b>	<b>35.9</b>	<b>69.5</b>	<b>1.4</b>	<b>34.0</b>	<b>33.0</b>	<b>27.4</b>
Connecticut	1,791	1,673	-38.7	-56.4	40.6	-33.2	-34.8	34.9	4.2
Maine	1,070	1,442	1989.9	1342.0	44.9	288.4	271.3	22.7	18.1
Massachusetts	14,212	13,663	-24.4	-5.7	-19.9	-13.4	9.0	15.6	-30.7
New Hampshire	2,516	1,279	200.2	6.8	181.1	149.1	-57.1	502.6	-53.4
New Jersey	2,937	3,899	-13.6	64.3	-47.4	45.8	12.7	-75.8	117.3
New York	29,617	23,022	77.6	114.0	-17.0	24.0	72.5	36.1	-39.0
Pennsylvania	37,263	60,986	948.6	19.2	779.1	-20.9	50.7	161.5	236.3
Rhode Island	—	—	—	-23.4	—	—	—	—	—
Vermont	2,117	2,100	43.7	-9.0	58.0	6.1	-14.3	40.8	12.2
<b>Midwest</b>	<b>66,531</b>	<b>59,979</b>	<b>141.4</b>	<b>20.8</b>	<b>99.8</b>	<b>-2.2</b>	<b>23.5</b>	<b>143.6</b>	<b>-18.0</b>
Illinois	9,600	8,309	-4.9	-2.9	-2.0	-19.9	21.2	-4.1	2.2
Indiana	3,238	2,955	209.1	130.6	34.0	61.1	43.2	160.2	-48.5
Iowa	3,491	2,057	-41.4	-48.6	14.0	-19.1	-36.4	31.0	-13.0
Kansas	1,314	902	-46.6	-3.9	-44.4	-16.0	14.4	-1.0	-43.9
Michigan	4,906	5,039	43.0	99.6	-28.4	2.4	94.8	29.1	-44.5
Minnesota	4,739	5,106	423.2	72.5	203.2	58.6	8.8	151.1	20.8
Missouri	2,722	2,715	0.1	-51.7	107.3	-43.7	-14.1	84.4	12.4
Nebraska	466	683	102.7	-3.9	110.8	-3.0	-0.9	111.1	-0.1
North Dakota	208	177	45.1	23.0	18.0	255.7	-65.4	430.0	-77.7
Ohio	34,307	30,524	1874.3	185.2	592.3	87.5	52.1	713.4	-14.9
South Dakota	382	359	1.1	12.7	-10.3	18.9	-5.2	77.0	-49.3
Wisconsin	1,158	1,153	202.6	55.6	94.4	94.2	-19.9	156.2	-24.1
<b>South</b>	<b>68,809</b>	<b>64,864</b>	<b>24.2</b>	<b>-1.4</b>	<b>26.0</b>	<b>-29.1</b>	<b>39.1</b>	<b>32.7</b>	<b>-5.1</b>
Alabama	4,730	3,461	113.9	176.5	-22.6	-23.6	262.0	1.3	-23.6
Arkansas	2,785	2,240	80.4	27.7	41.2	-23.4	66.8	92.7	-26.7
Delaware	—	—	—	-64.6	—	-0.6	-64.4	-42.8	—
District of Columbia	—	—	—	—	—	-93.6	—	—	—
Florida	4,822	5,025	86.3	-13.7	115.9	-20.0	7.8	237.1	-36.0
Georgia	10,487	10,148	178.7	78.5	56.1	-22.7	131.1	34.4	16.2
Kentucky	7,477	6,456	227.5	164.5	23.8	-22.1	239.6	91.7	-35.4
Louisiana	2,517	2,335	—	—	716.4	—	—	496.5	36.9
Maryland	875	721	39.5	40.4	-0.7	166.7	-47.4	-52.9	110.8
Mississippi	2,617	3,006	60.2	-3.3	65.6	-26.2	31.0	9.3	51.6
North Carolina	5,891	5,134	-49.0	-7.2	-45.0	-30.8	34.1	-23.0	-28.6
Oklahoma	6,464	5,948	117.6	-32.2	220.6	15.4	-41.2	69.1	89.6
South Carolina	4,802	4,601	37.3	65.4	-17.0	12.0	88.0	-7.6	-10.2
Tennessee	5,682	6,144	144.9	121.5	10.5	32.4	67.3	39.5	-20.8
Texas	4,196	4,593	-40.4	-77.6	166.6	-79.2	7.6	12.6	136.8
Virginia	2,793	2,271	-41.9	65.6	68.6	-39.6	-42.9	7.1	57.5
West Virginia	2,671	2,781	24.4	-14.2	45.0	-35.3	32.6	47.0	-1.3
<b>West</b>	<b>32,805</b>	<b>29,783</b>	<b>224.2</b>	<b>58.6</b>	<b>104.4</b>	<b>4.2</b>	<b>52.1</b>	<b>74.2</b>	<b>17.3</b>
Alaska	608	289	88.9	—	—	60.1	—	—	—
Arizona	1,989	1,929	253.9	-54.5	677.8	-41.3	-22.5	819.0	-15.4
California	11,470	8,732	1006.7	472.2	93.4	125.5	153.8	109.6	-7.7
Colorado	5,608	5,508	—	—	-62.9	—	—	209.4	49.6
Hawaii	—	—	—	—	—	—	—	—	—
Idaho	8,187	8,207	75.8	38.4	27.0	14.2	21.2	-2.2	29.9
Montana	1,180	1,232	—	—	—	—	—	—	29.1
Nevada	26	23	—	—	—	—	—	—	—
New Mexico	—	—	—	—	—	—	—	—	—
Oregon	332	286	-1.0	34.6	-26.5	26.0	6.9	-54.2	60.7
Utah	1,026	1,028	-52.2	-26.4	-35.1	-28.5	2.9	20.5	-46.1
Washington	1,750	1,943	—	—	973.5	—	—	232.6	222.8
Wyoming	629	606	—	—	—	—	—	—	—
<b>U.S. Service Schools</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Outlying Areas</b>	<b>9,852</b>	<b>10,172</b>	<b>64.9</b>	<b>235.7</b>	<b>-50.9</b>	<b>82.5</b>	<b>83.9</b>	<b>-8.0</b>	<b>-46.6</b>
American Samoa	—	—	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—
Puerto Rico	9,852	10,172	64.9	235.7	-50.9	82.5	83.9	-8.0	-46.6
Trust Territories	—	—	—	—	—	—	—	—	—
Virgin Islands	—	—	—	—	—	—	—	—	—

Chart 21a.—Percentage change in enrollment in private 2-year institutions of higher education, by state: Fall 1969 to fall 1989

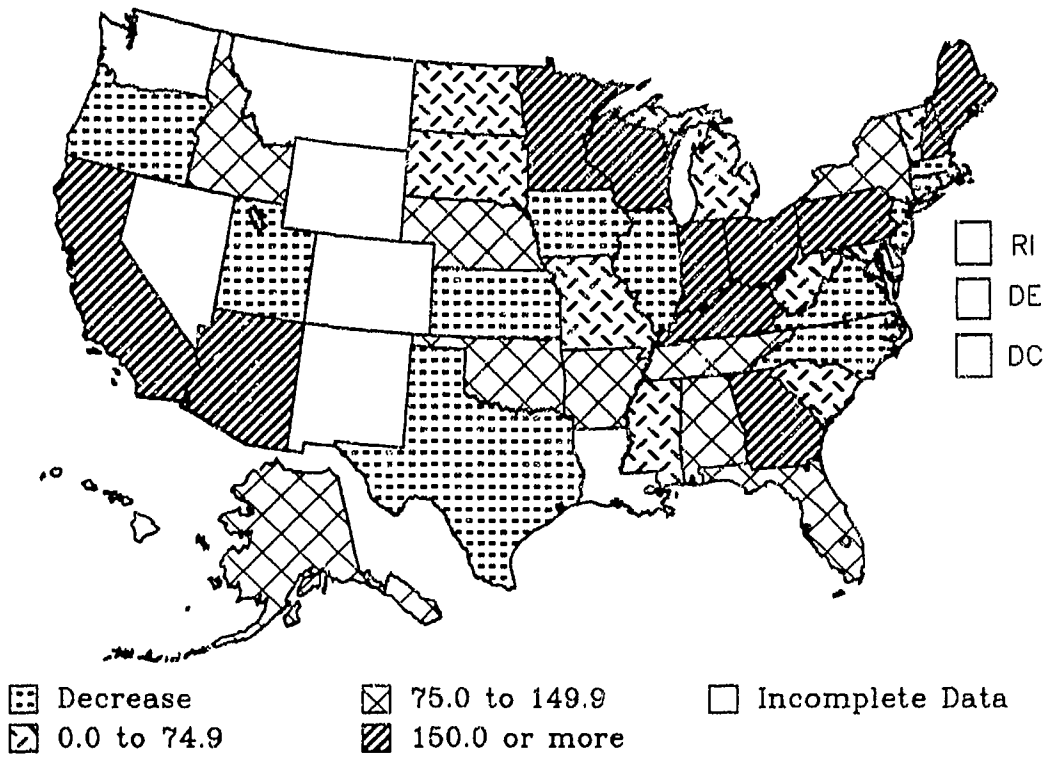
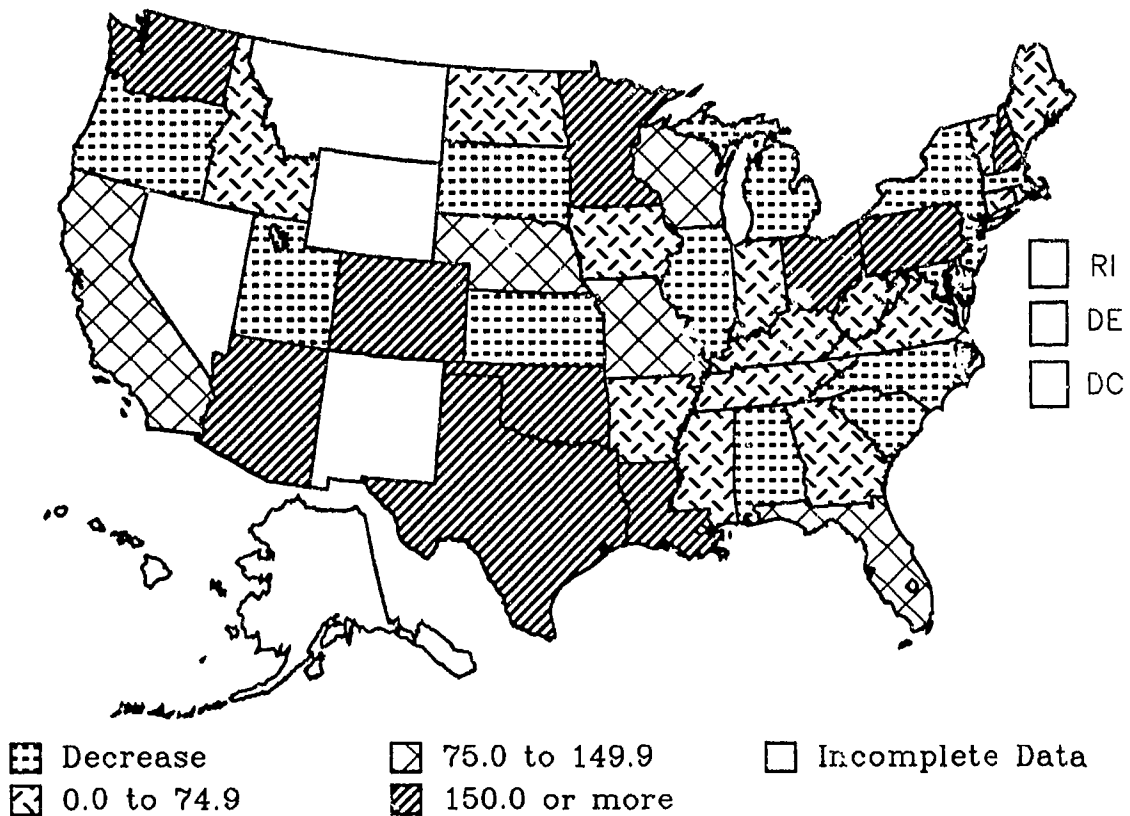


Chart 21b.—Percentage change in enrollment in private 2-year institutions of higher education, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.



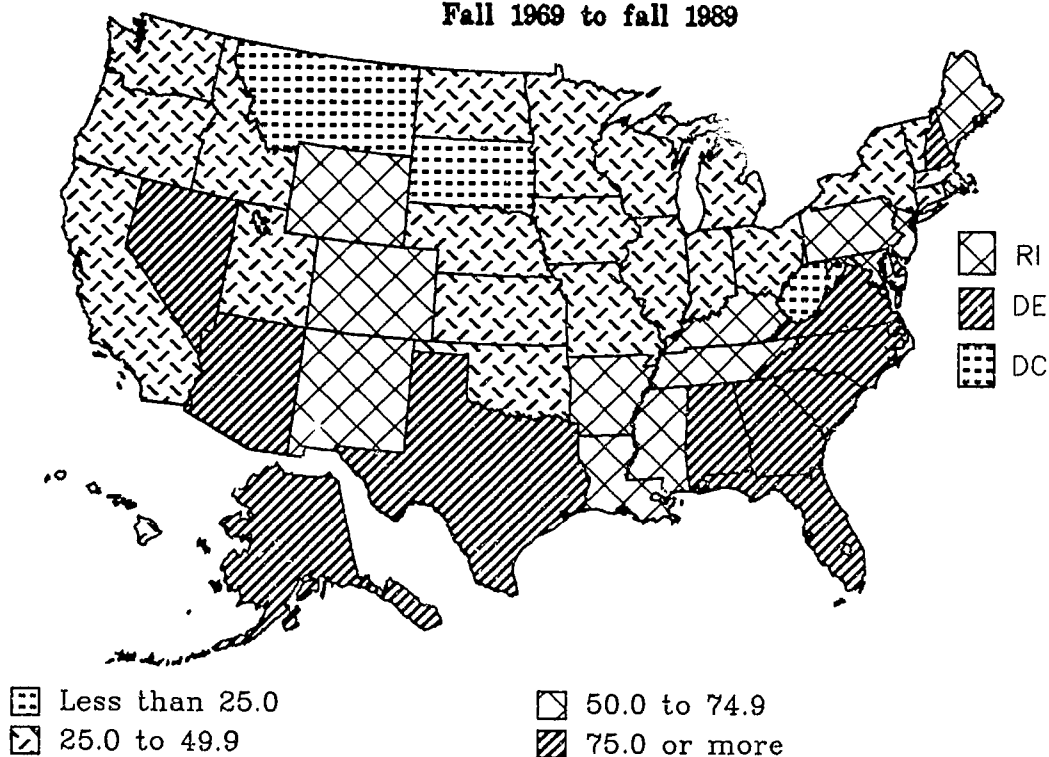




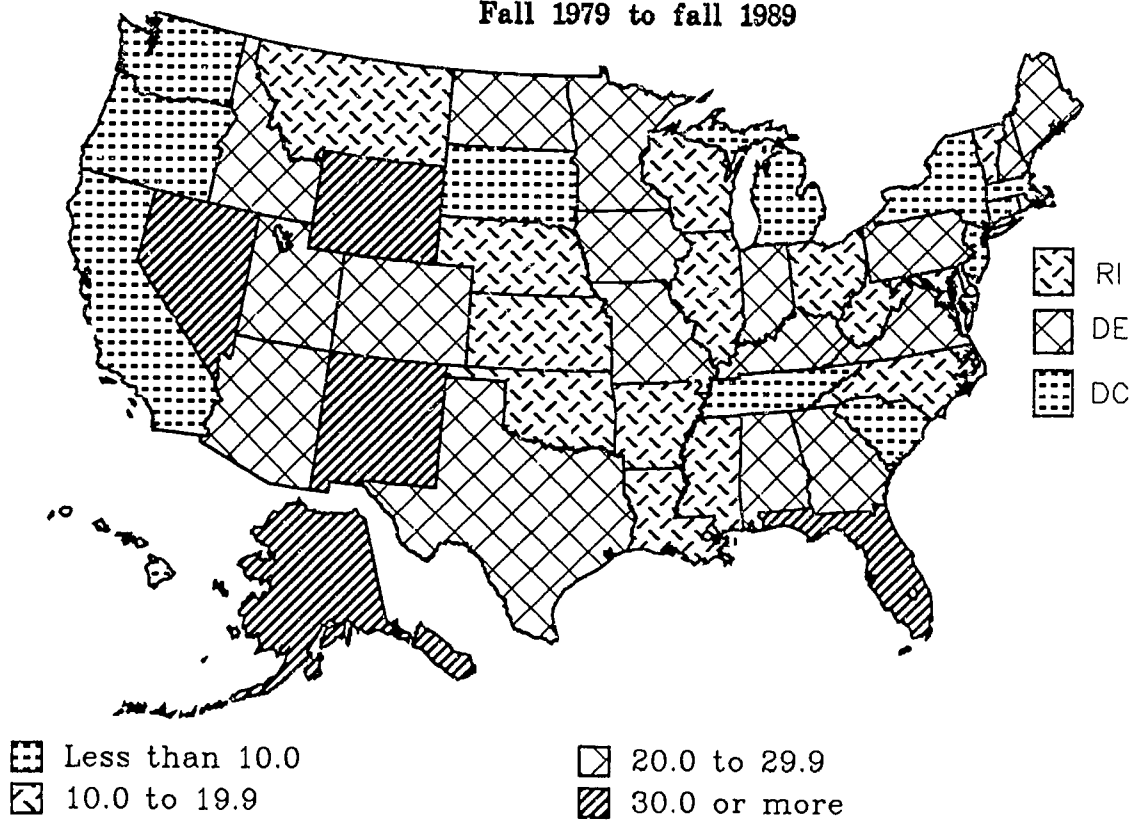
Table 22.—Full-time-equivalent enrollment in institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> . . . . .	<b>9,466,878</b>	<b>9,733,727</b>	<b>53.7</b>	<b>34.0</b>	<b>14.7</b>	<b>23.2</b>	<b>8.7</b>	<b>5.5</b>	<b>8.7</b>
<b>Northeast</b> . . . . .	<b>2,033,047</b>	<b>2,079,906</b>	<b>45.9</b>	<b>33.7</b>	<b>9.1</b>	<b>26.1</b>	<b>6.0</b>	<b>4.0</b>	<b>5.0</b>
Connecticut . . . . .	113,941	116,134	32.8	27.4	4.3	25.4	1.6	-1.2	5.5
Maine . . . . .	36,959	41,925	66.7	34.0	24.4	26.8	5.7	13.3	9.8
Massachusetts . . . . .	328,074	325,950	41.4	33.5	5.9	24.2	7.5	3.9	2.0
New Hampshire . . . . .	44,755	43,254	75.0	45.2	20.5	25.9	15.4	16.7	3.3
New Jersey . . . . .	206,772	214,122	59.3	59.8	-0.3	48.2	7.8	-4.7	4.6
New York . . . . .	772,071	775,657	40.4	34.9	4.1	29.6	4.1	3.5	0.6
Pennsylvania . . . . .	445,736	476,343	50.0	20.8	24.2	11.9	7.9	9.1	13.8
Rhode Island . . . . .	57,092	57,723	69.1	44.0	17.4	28.3	12.2	5.6	11.1
Vermont . . . . .	27,647	28,798	48.8	29.3	15.1	26.2	2.4	2.1	12.8
<b>Midwest</b> . . . . .	<b>2,437,758</b>	<b>2,504,908</b>	<b>39.4</b>	<b>20.0</b>	<b>16.1</b>	<b>10.7</b>	<b>8.4</b>	<b>6.6</b>	<b>8.9</b>
Illinois . . . . .	467,723	480,994	46.9	27.4	15.3	19.6	6.5	4.8	10.0
Indiana . . . . .	209,039	216,161	37.5	14.3	20.3	5.3	8.6	9.3	10.1
Iowa . . . . .	133,542	137,823	43.3	18.3	21.2	5.6	12.0	13.1	7.1
Kansas . . . . .	111,069	114,640	27.6	9.7	16.3	1.8	7.8	2.5	13.5
Michigan . . . . .	372,622	383,341	34.7	25.0	7.8	17.5	6.3	1.1	6.6
Minnesota . . . . .	184,467	190,766	41.3	13.8	24.1	1.6	12.1	9.6	13.2
Missouri . . . . .	191,931	202,955	41.8	18.1	20.1	10.9	6.5	5.6	13.7
Nebraska . . . . .	75,330	78,257	40.0	19.7	16.9	-1.0	21.0	6.8	9.5
North Dakota . . . . .	33,700	35,414	29.6	4.9	23.5	-6.3	11.9	13.3	9.0
Ohio . . . . .	408,914	412,728	40.8	20.1	17.2	11.4	7.8	9.8	6.8
South Dakota . . . . .	26,288	27,118	-0.4	-1.1	0.8	-12.9	13.5	-0.4	1.2
Wisconsin . . . . .	223,133	224,711	40.2	21.8	15.1	11.2	9.5	8.9	5.8
<b>South</b> . . . . .	<b>2,929,187</b>	<b>3,048,963</b>	<b>77.3</b>	<b>48.0</b>	<b>19.8</b>	<b>28.7</b>	<b>15.0</b>	<b>7.9</b>	<b>11.1</b>
Alabama . . . . .	157,931	167,696	96.7	58.8	23.8	37.3	15.7	7.3	15.4
Arkansas . . . . .	69,195	72,617	54.0	29.6	18.9	1.3	27.9	4.5	13.7
Delaware . . . . .	29,073	30,729	80.5	49.2	2.0	37.6	8.4	5.0	15.3
District of Columbia . . . . .	61,230	61,946	16.5	17.8	-1.1	18.3	-0.4	-4.5	3.5
Florida . . . . .	346,663	375,977	116.1	61.2	34.0	30.7	23.3	8.5	23.5
Georgia . . . . .	182,347	188,712	84.5	42.2	29.8	28.8	10.4	10.8	17.1
Kentucky . . . . .	124,178	128,521	54.0	27.2	21.0	10.4	15.2	6.3	13.9
Louisiana . . . . .	146,619	149,156	52.3	30.5	16.7	21.0	7.8	16.9	-0.2
Maryland . . . . .	163,115	166,754	60.8	41.4	13.7	32.6	6.6	3.1	10.2
Mississippi . . . . .	94,269	98,314	57.6	37.1	14.9	20.6	13.7	3.9	10.5
North Carolina . . . . .	252,234	263,845	87.5	59.4	17.7	35.6	17.5	7.5	9.4
Oklahoma . . . . .	128,222	127,757	39.9	25.9	11.1	14.3	10.1	9.4	1.5
South Carolina . . . . .	117,618	115,830	105.9	91.7	7.4	63.2	17.4	0.1	7.4
Tennessee . . . . .	162,666	171,230	56.0	44.1	8.3	26.1	14.3	0.1	8.2
Texas . . . . .	598,758	618,749	86.1	53.8	21.0	31.8	16.7	14.9	5.3
Virginia . . . . .	231,617	245,225	123.1	75.0	27.5	44.2	21.3	4.2	22.4
West Virginia . . . . .	63,452	65,905	24.5	12.9	10.3	7.3	5.1	1.0	9.2
<b>West</b> . . . . .	<b>2,022,870</b>	<b>2,045,539</b>	<b>48.7</b>	<b>35.2</b>	<b>9.9</b>	<b>29.7</b>	<b>4.3</b>	<b>0.6</b>	<b>9.2</b>
Alaska . . . . .	17,573	17,795	309.4	103.5	101.1	76.1	15.6	53.1	31.3
Arizona . . . . .	161,251	158,537	124.3	74.0	28.9	60.9	8.2	6.9	20.6
California . . . . .	1,113,289	1,110,120	41.3	35.4	4.3	33.6	1.4	-0.4	4.7
Colorado . . . . .	139,805	148,373	59.5	29.5	23.2	23.2	5.1	1.9	20.9
Hawaii . . . . .	38,174	39,214	43.7	39.8	2.8	33.2	4.9	3.0	-0.2
Idaho . . . . .	37,810	39,455	46.9	20.1	22.2	8.6	10.6	1.4	20.6
Montana . . . . .	29,593	31,575	21.9	6.0	15.0	-3.3	9.6	9.2	5.4
Nevada . . . . .	27,335	31,163	221.5	95.3	64.6	103.0	-3.8	17.6	40.0
New Mexico . . . . .	56,338	57,655	71.7	27.7	34.5	18.6	7.7	8.5	24.0
Oregon . . . . .	114,126	116,181	32.1	23.8	6.7	19.6	3.4	-4.5	11.8
Utah . . . . .	84,657	89,560	32.9	8.7	22.2	3.3	5.3	11.6	9.5
Washington . . . . .	183,495	185,067	41.0	43.2	-1.6	21.6	17.8	-8.8	7.9
Wyoming . . . . .	19,424	20,844	74.8	17.8	48.4	15.5	2.0	19.0	24.7
<b>U.S. Service Schools</b> . . . . .	<b>44,016</b>	<b>54,411</b>	<b>243.8</b>	<b>13.9</b>	<b>201.7</b>	<b>33.3</b>	<b>-14.5</b>	<b>192.2</b>	<b>3.3</b>
<b>Outlying Areas</b> . . . . .	<b>140,488</b>	<b>139,692</b>	<b>185.0</b>	<b>139.5</b>	<b>19.0</b>	<b>63.3</b>	<b>46.7</b>	<b>19.1</b>	<b>-0.1</b>
American Samoa . . . . .	584	644	—	—	11.6	—	14.3	24.8	-10.6
Guam . . . . .	2,438	2,708	29.4	5.5	22.6	24.9	-15.5	32.3	-7.3
Northern Marianas . . . . .	194	226	—	—	—	—	—	—	43.0
Puerto Rico . . . . .	134,992	133,184	188.5	145.4	17.5	63.8	49.8	18.0	-0.4
Trust Territories . . . . .	843	1,340	—	—	737.5	—	21.2	333.8	93.1
Virgin Islands . . . . .	1,437	1,590	110.6	52.1	38.5	52.3	-0.2	45.0	-4.5

**Chart 22a.—Percentage change in full-time-equivalent enrollment in institutions of higher education, by state: Fall 1969 to fall 1989**



**Chart 22b.—Percentage change in full-time-equivalent enrollment in institutions of higher education, by state: Fall 1979 to fall 1989**



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.



**Table 23.—Full-time-equivalent enrollment in public 4-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
3,996,126	4,059,304	4,158,267	4,208,506	4,220,648	4,265,807	4,237,895	4,239,622	4,295,494	4,395,728
680,499	683,816	694,745	693,758	686,823	698,362	694,203	692,767	724,130	752,522
41,605	42,959	43,307	43,093	42,900	43,711	43,372	42,847	44,806	46,728
19,243	19,551	19,812	19,851	21,420	21,649	21,211	20,965	21,884	21,854
81,438	81,751	85,077	85,746	80,633	82,832	83,826	84,360	83,721	87,240
16,060	16,424	16,906	16,982	16,941	16,662	17,259	17,092	17,954	18,604
104,085	101,650	102,048	101,527	99,720	98,091	95,872	95,010	97,286	97,755
235,619	240,513	240,459	239,517	239,290	248,504	245,416	242,716	264,786	260,835
152,012	151,600	157,181	156,526	156,283	157,080	157,856	160,010	163,371	188,138
16,891	16,816	17,219	17,880	17,099	17,210	16,799	17,135	17,308	18,127
13,546	12,552	12,736	12,636	12,537	12,623	12,592	12,632	13,014	13,241
<b>1,146,284</b>	<b>1,167,506</b>	<b>1,203,190</b>	<b>1,221,331</b>	<b>1,216,895</b>	<b>1,220,634</b>	<b>1,205,977</b>	<b>1,212,608</b>	<b>1,236,153</b>	<b>1,249,045</b>
157,968	158,673	159,974	161,963	159,743	157,849	156,543	157,749	160,812	161,655
113,943	117,493	122,644	125,110	126,512	127,047	123,382	123,873	127,274	130,757
50,907	51,221	54,046	55,410	57,868	59,915	60,209	60,867	60,776	59,859
64,858	65,967	67,247	67,516	67,729	66,814	66,569	66,514	68,093	68,978
192,721	196,570	197,258	193,759	188,469	187,671	186,486	187,165	191,982	197,775
90,235	91,627	96,048	98,402	98,493	96,348	94,831	96,691	101,564	98,395
85,906	88,320	93,394	95,490	94,871	94,089	91,040	90,392	90,048	91,051
39,282	41,616	42,325	42,924	44,041	44,456	44,064	44,140	43,784	43,993
20,905	20,725	21,660	22,446	22,713	23,843	23,869	23,966	23,724	23,639
193,092	196,948	205,128	210,673	208,567	211,662	209,418	210,436	215,155	222,912
17,929	19,514	20,233	21,418	21,190	21,767	19,720	18,998	19,884	19,903
116,738	118,832	123,233	126,220	126,699	129,173	129,846	131,817	133,057	130,128
<b>1,367,082</b>	<b>1,387,973</b>	<b>1,415,399</b>	<b>1,439,130</b>	<b>1,456,637</b>	<b>1,483,889</b>	<b>1,477,393</b>	<b>1,475,185</b>	<b>1,462,148</b>	<b>1,499,514</b>
86,294	88,706	89,375	90,272	89,499	89,757	87,931	89,514	86,157	87,892
47,717	44,184	45,887	44,749	45,247	45,150	44,932	44,749	45,488	45,862
17,381	17,587	17,759	17,573	17,499	17,205	17,048	17,547	17,809	18,193
7,174	7,850	7,300	7,625	8,125	7,995	7,648	7,239	7,309	6,455
96,632	98,606	100,851	98,917	102,724	104,919	109,556	111,069	113,346	114,505
85,497	84,892	86,241	90,475	93,731	94,644	92,979	95,218	94,694	100,976
72,823	73,636	77,015	76,152	74,227	73,382	71,068	68,826	71,984	74,863
97,724	99,461	104,777	111,707	112,992	117,118	117,337	118,327	112,682	114,219
75,236	77,145	76,518	77,304	75,744	79,002	77,367	78,817	81,185	82,738
47,117	47,796	46,723	47,826	47,538	48,543	46,835	46,752	44,512	44,628
98,977	101,577	105,882	107,385	108,272	109,234	109,765	111,903	112,418	114,125
70,692	71,477	72,283	71,732	76,202	78,757	75,509	76,077	75,022	75,585
53,352	53,454	56,226	55,852	56,595	56,896	56,518	58,074	58,656	61,931
86,645	87,062	87,428	85,801	85,050	87,468	84,624	82,798	81,978	83,023
276,903	281,614	284,553	291,598	301,711	311,318	317,851	306,823	290,961	301,826
102,173	107,598	110,040	117,188	113,740	114,660	114,734	116,789	122,272	126,016
44,745	45,828	46,541	46,974	47,741	47,841	45,691	44,663	45,675	46,677
<b>784,336</b>	<b>801,977</b>	<b>826,307</b>	<b>834,948</b>	<b>840,647</b>	<b>843,092</b>	<b>840,680</b>	<b>840,306</b>	<b>854,474</b>	<b>875,254</b>
4,590	4,068	5,103	5,691	6,418	6,836	7,108	7,083	7,736	8,022
61,287	65,527	65,276	66,169	65,782	67,227	67,683	67,081	69,864	71,834
363,715	367,369	380,565	387,769	388,909	388,720	393,099	393,084	402,115	413,474
82,034	82,915	84,635	86,068	87,847	87,239	84,167	84,188	86,508	89,982
20,602	20,388	19,788	20,291	20,856	20,858	19,645	19,132	18,508	18,188
20,280	21,126	22,332	22,503	22,949	22,916	22,181	21,556	22,264	23,216
22,338	23,459	24,653	25,407	25,819	26,400	25,344	25,149	24,279	23,384
10,945	12,085	13,713	13,994	15,169	14,934	14,644	14,874	15,440	16,227
34,311	34,824	35,373	36,381	37,262	38,289	37,380	37,986	36,401	37,313
51,458	53,020	54,570	53,406	50,241	49,782	49,396	50,533	52,578	53,550
34,714	36,371	38,071	36,183	39,453	39,743	39,908	40,038	40,129	40,644
70,032	72,724	74,136	72,372	70,699	71,004	71,007	70,599	69,872	70,316
8,030	8,101	8,092	8,714	9,243	9,144	9,118	9,003	8,780	9,104
<b>17,925</b>	<b>18,032</b>	<b>18,626</b>	<b>19,339</b>	<b>19,646</b>	<b>19,830</b>	<b>19,642</b>	<b>18,756</b>	<b>18,589</b>	<b>19,393</b>
<b>38,354</b>	<b>38,517</b>	<b>39,130</b>	<b>40,175</b>	<b>42,664</b>	<b>57,352</b>	<b>50,105</b>	<b>50,013</b>	<b>50,988</b>	<b>49,548</b>
—	—	—	—	—	—	—	—	—	—
2,144	2,208	2,115	2,311	1,943	2,220	2,086	2,133	2,105	1,702
—	—	—	—	—	—	—	—	—	—
35,152	35,161	35,797	36,502	39,165	53,479	46,354	46,386	47,432	46,358
—	—	—	—	—	—	—	—	—	—
1,058	1,148	1,218	1,362	1,556	1,653	1,665	1,494	1,451	1,488

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Fall Enrollment in Higher Education" surveys; and Integrated Postsecondary Education Data System, "Fall Enrollment" surveys.

**Table 23.—Full-time-equivalent enrollment in public 4-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued**

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>4,505,501</b>	<b>4,619,374</b>	<b>41.7</b>	<b>24.5</b>	<b>13.8</b>	<b>18.0</b>	<b>5.5</b>	<b>4.4</b>	<b>9.0</b>
<b>Northeast</b> .....	<b>770,759</b>	<b>781,264</b>	<b>55.7</b>	<b>36.3</b>	<b>14.3</b>	<b>39.7</b>	<b>-2.5</b>	<b>1.5</b>	<b>12.5</b>
Connecticut .....	48,396	48,688	43.3	26.5	13.3	24.9	1.2	1.0	12.3
Maine .....	22,773	25,097	56.5	21.9	28.4	25.7	-3.0	8.5	18.3
Massachusetts .....	86,806	85,934	49.6	42.3	5.1	44.1	-1.2	2.5	2.5
New Hampshire .....	19,476	18,348	53.2	37.1	11.7	27.1	7.9	5.1	6.3
New Jersey .....	98,765	100,389	69.1	71.2	-1.2	70.1	0.7	-5.7	4.7
New York .....	268,209	271,141	60.1	42.0	12.7	53.7	-7.7	2.0	10.5
Pennsylvania .....	194,106	198,499	53.1	16.9	30.9	15.4	1.3	4.1	25.7
Rhode Island .....	18,814	19,433	36.8	18.4	15.6	20.3	-1.6	-0.1	15.7
Vermont .....	13,414	13,735	42.2	30.0	9.4	27.3	2.0	0.3	9.1
<b>Midwest</b> .....	<b>1,274,928</b>	<b>1,301,764</b>	<b>21.9</b>	<b>9.3</b>	<b>11.5</b>	<b>3.9</b>	<b>5.2</b>	<b>3.3</b>	<b>7.9</b>
Illinois .....	159,444	160,735	14.4	13.0	1.3	12.9	0.0	-1.3	2.7
Indiana .....	136,242	142,702	38.4	13.9	21.5	8.5	5.0	5.0	15.7
Iowa .....	59,776	59,876	31.7	12.7	16.9	2.0	10.5	17.5	-0.6
Kansas .....	70,397	72,406	19.4	8.7	9.8	2.3	6.3	0.9	8.8
Michigan .....	202,042	206,687	18.6	12.8	5.1	8.5	4.0	-5.1	10.8
Minnesota .....	100,046	101,144	12.8	2.2	10.4	-4.8	7.3	3.5	6.7
Missouri .....	94,799	98,734	17.8	5.3	11.8	-0.5	5.9	3.1	8.5
Nebraska .....	45,111	46,761	21.6	8.3	12.4	-3.7	12.4	5.9	6.1
North Dakota .....	24,902	26,448	25.2	-1.9	27.6	-14.4	14.6	15.2	10.8
Ohio .....	231,376	234,679	30.5	9.5	19.2	5.0	4.2	6.3	12.1
South Dakota .....	20,155	20,954	-0.3	-7.2	7.4	-14.3	8.3	1.1	6.3
Wisconsin .....	130,638	130,638	18.7	8.0	9.9	0.8	7.1	9.3	0.6
<b>South</b> .....	<b>1,556,445</b>	<b>1,611,596</b>	<b>61.4</b>	<b>39.0</b>	<b>16.1</b>	<b>24.6</b>	<b>11.6</b>	<b>6.4</b>	<b>9.1</b>
Alabama .....	93,695	100,003	83.3	62.6	12.7	29.3	25.7	-0.9	13.7
Arkansas .....	47,310	50,018	33.5	17.9	13.2	-3.9	22.7	1.7	11.3
Delaware .....	18,963	19,525	66.7	50.1	11.0	39.4	7.7	-3.1	14.5
District of Columbia .....	7,239	7,475	65.5	73.8	-4.8	143.3	-28.6	-2.6	-2.3
Florida .....	120,978	129,019	106.1	57.5	30.8	42.7	10.4	11.1	17.8
Georgia .....	104,955	110,175	75.8	35.5	29.8	28.5	5.5	9.5	18.5
Kentucky .....	78,663	82,354	47.8	32.1	11.8	19.0	11.1	-3.5	15.9
Louisiana .....	113,977	114,008	47.1	28.3	14.6	20.1	6.9	18.0	-2.8
Maryland .....	84,008	84,236	47.7	35.3	9.2	30.3	3.9	0.3	8.9
Mississippi .....	47,895	50,463	38.0	30.7	5.6	17.9	10.9	-2.0	7.7
North Carolina .....	117,798	121,568	75.9	47.0	19.7	29.8	13.2	8.1	10.8
Oklahoma .....	76,205	76,205	11.9	4.9	6.6	-1.3	6.3	5.6	0.9
South Carolina .....	64,759	64,759	138.5	96.9	21.1	61.4	22.0	5.7	14.6
Tennessee .....	85,700	88,581	24.9	22.7	1.7	17.8	4.2	-2.8	4.7
Texas .....	316,064	329,223	68.3	43.9	16.9	24.4	15.7	12.9	3.6
Virginia .....	129,165	132,868	97.3	59.0	24.1	37.2	15.9	7.1	15.8
West Virginia .....	49,071	51,116	29.2	15.8	11.5	8.4	6.9	-0.3	11.9
<b>West</b> .....	<b>885,707</b>	<b>907,376</b>	<b>34.2</b>	<b>18.6</b>	<b>13.1</b>	<b>14.8</b>	<b>3.3</b>	<b>4.8</b>	<b>7.9</b>
Alaska .....	13,999	16,227	369.1	17.6	298.9	4.1	13.0	74.7	128.3
Arizona .....	76,177	77,868	63.0	37.2	18.8	33.9	2.4	3.3	15.0
California .....	405,135	413,500	37.2	21.9	12.6	17.8	3.5	7.0	5.2
Colorado .....	90,031	93,143	38.1	22.9	12.3	20.5	2.0	1.5	10.7
Hawaii .....	18,368	18,792	9.1	18.4	-7.8	18.8	-0.3	-3.6	-4.3
Idaho .....	24,324	25,877	44.8	18.2	22.5	11.4	6.2	5.0	16.7
Montana .....	23,821	24,660	12.2	6.8	5.1	-3.9	11.1	8.0	-2.7
Nevada .....	17,331	19,173	102.2	27.5	58.7	14.7	11.1	21.2	30.9
New Mexico .....	37,902	38,269	34.8	22.7	9.9	15.5	6.2	7.3	2.4
Oregon .....	57,104	55,775	3.2	-1.9	5.2	-1.8	-0.2	-6.8	12.9
Utah .....	40,910	42,414	21.1	3.8	16.6	3.4	0.4	9.7	6.3
Washington .....	70,990	71,245	11.5	13.8	-2.0	8.6	4.8	-2.4	0.3
Wyoming .....	9,615	10,433	31.1	1.8	28.8	8.9	-6.5	12.6	14.4
<b>U.S. Service Schools</b> .....	<b>17,462</b>	<b>17,374</b>	<b>9.8</b>	<b>13.9</b>	<b>-3.6</b>	<b>7.5</b>	<b>6.0</b>	<b>8.9</b>	<b>-11.5</b>
<b>Outlying Areas</b> .....	<b>49,887</b>	<b>48,546</b>	<b>65.1</b>	<b>31.0</b>	<b>26.0</b>	<b>25.5</b>	<b>4.4</b>	<b>30.1</b>	<b>-3.1</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	1,661	1,848	27.4	52.2	-16.3	80.0	-15.5	-5.5	-11.4
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	46,789	45,108	65.2	28.8	28.3	21.4	6.1	31.8	-2.7
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	1,437	1,590	147.3	78.5	38.5	78.8	-0.2	45.0	-4.5

Chart 23a.—Percentage change in full-time-equivalent enrollment in public 4-year institutions of higher education, by state: Fall 1969 to fall 1989

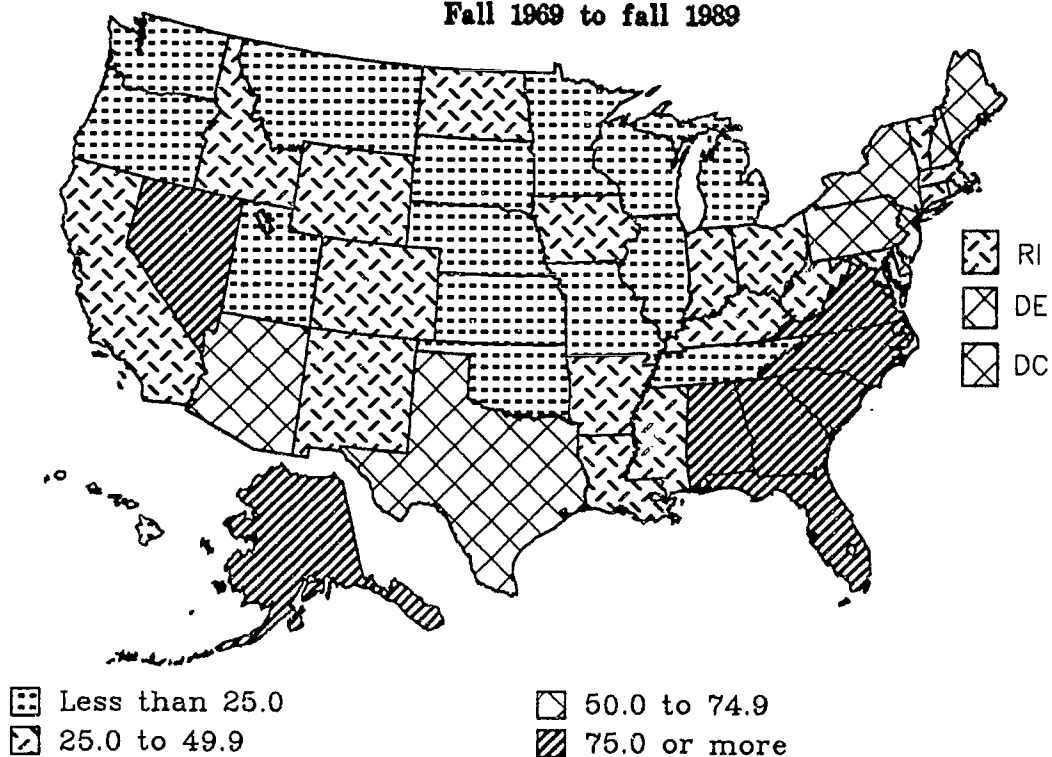
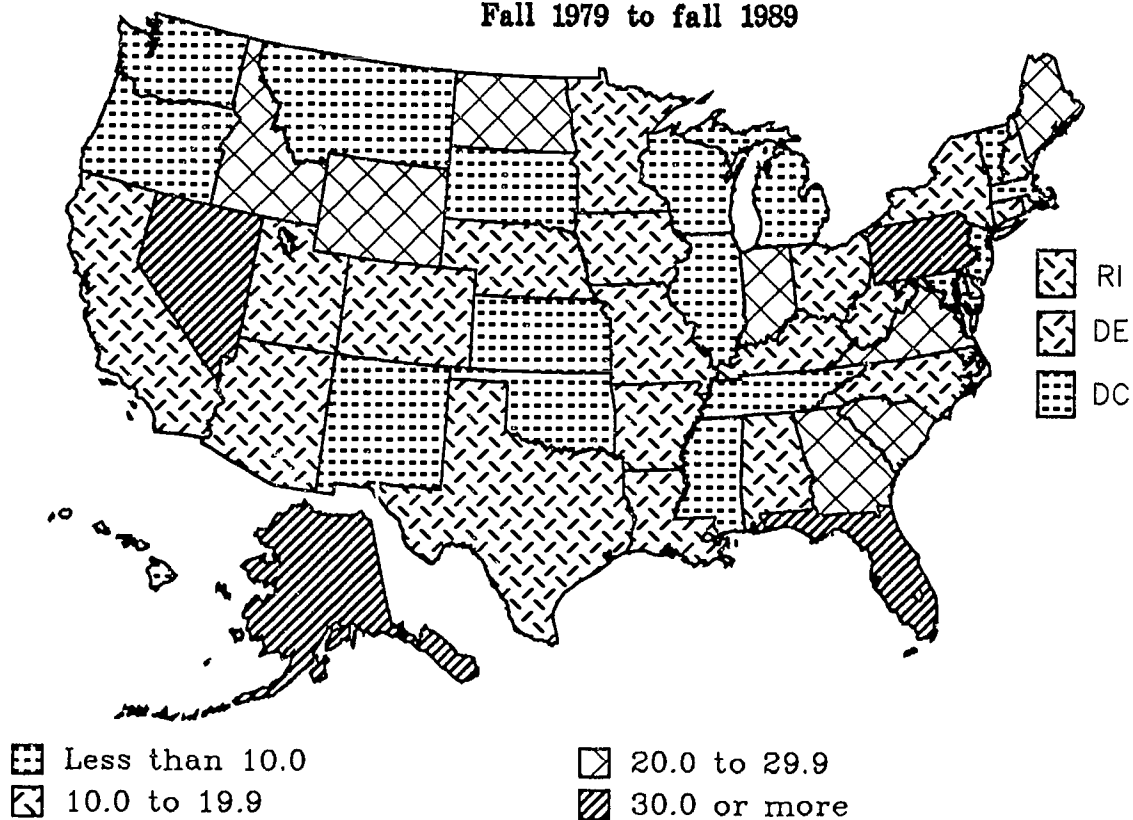


Chart 23b.—Percentage change in full-time-equivalent enrollment in public 4-year institutions of higher education, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.





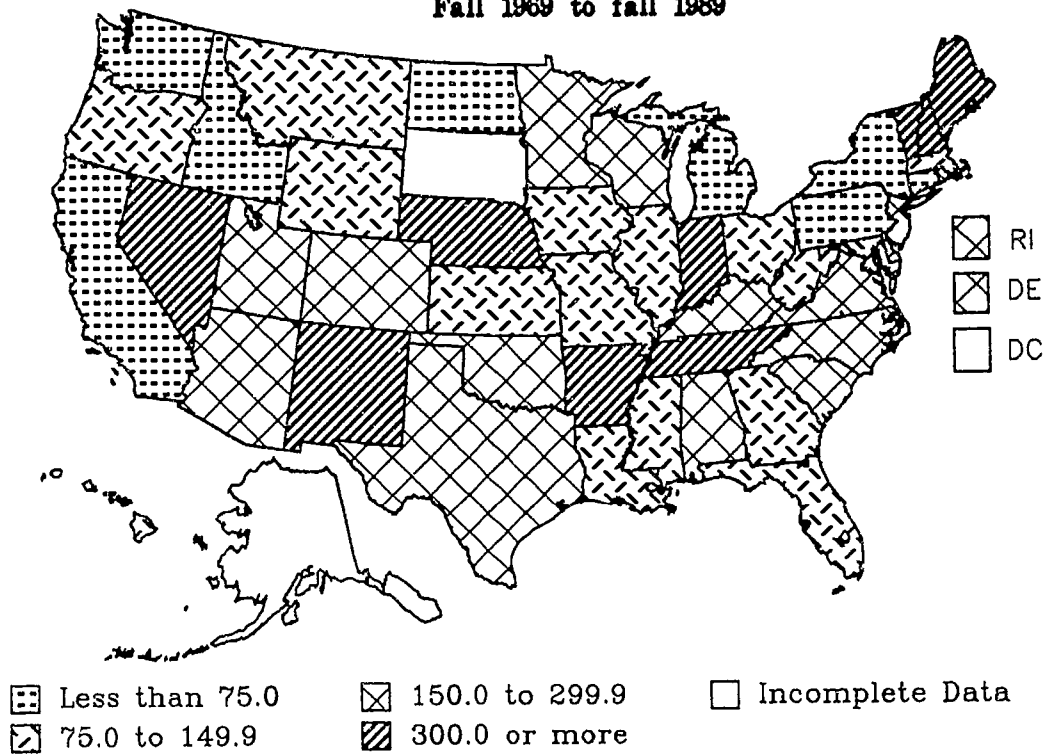
**Table 24.—Full-time-equivalent enrollment in public 2-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
2,283,073	2,333,313	2,484,027	2,572,794	2,629,941	2,615,672	2,446,769	2,428,159	2,482,551	2,541,961
382,151	385,106	396,901	406,474	420,819	420,949	396,507	384,934	363,000	344,875
33,589	24,314	24,010	23,312	23,208	23,534	21,727	20,360	19,946	19,963
3,299	4,042	4,579	4,887	3,251	3,371	3,285	3,393	3,433	3,466
40,277	41,201	43,256	41,628	44,005	46,393	43,312	43,933	41,949	44,520
3,374	3,410	3,470	4,179	4,138	4,495	3,948	3,780	3,958	4,326
55,590	59,071	61,270	64,150	70,362	69,810	63,303	61,496	59,231	59,252
170,745	176,311	181,607	186,591	188,924	183,769	175,446	170,136	157,222	153,672
67,351	68,444	69,804	73,018	78,124	80,579	77,118	73,097	68,433	50,690
6,622	7,211	7,452	7,175	7,303	7,334	6,691	6,892	7,098	7,174
1,304	1,102	1,453	1,534	1,504	1,664	1,677	1,847	1,730	1,812
475,514	493,956	540,327	558,907	582,721	591,311	553,687	552,620	570,276	575,568
141,407	140,004	152,650	160,340	169,150	169,160	155,808	167,767	176,270	174,451
12,823	14,783	20,284	21,230	22,912	24,227	22,525	21,895	19,089	19,882
24,488	25,996	28,790	29,523	31,092	32,190	31,072	30,658	30,469	31,878
19,095	20,115	21,176	21,477	21,989	23,865	22,509	22,860	25,148	26,721
101,116	105,892	114,786	118,699	118,067	121,436	114,574	108,164	105,348	108,373
23,101	23,873	25,653	27,177	30,606	31,341	31,428	31,984	31,682	35,667
27,886	27,444	31,285	32,759	32,829	35,130	31,999	31,296	31,476	32,395
10,296	11,726	12,366	12,729	13,763	12,110	12,776	12,713	15,534	15,650
6,552	6,102	6,440	6,673	6,350	6,321	6,071	5,881	6,166	5,741
65,350	69,237	72,447	75,017	78,573	78,508	72,835	69,921	70,073	68,833
—	302	248	369	429	—	—	—	—	—
43,400	48,482	54,202	52,914	56,961	57,023	52,090	49,481	59,021	55,977
650,759	647,446	681,491	711,123	742,238	757,525	719,687	708,801	710,236	750,089
33,791	27,785	30,486	32,489	33,840	35,853	37,290	41,507	42,377	41,310
7,034	7,349	7,609	7,819	8,169	8,208	7,982	7,686	8,728	9,099
4,202	4,538	5,281	5,482	5,828	5,483	5,361	5,427	4,652	4,738
—	—	—	—	—	—	—	—	—	—
119,464	121,708	124,991	131,594	132,355	131,118	121,485	123,660	130,951	140,240
28,696	24,392	25,752	26,865	28,754	28,790	25,758	23,474	19,420	30,057
10,799	11,558	12,362	13,815	14,726	15,536	14,869	14,731	15,872	17,486
9,653	8,667	7,658	9,038	9,416	10,639	10,427	9,879	8,498	8,664
46,901	48,106	50,310	50,329	54,299	53,421	50,923	45,347	47,577	48,760
26,889	28,663	29,623	33,530	33,894	34,735	32,380	31,442	31,436	34,323
68,173	68,142	73,366	77,528	81,778	79,880	76,384	82,909	75,393	72,946
25,620	25,881	24,440	27,573	30,602	32,400	31,056	31,118	29,749	29,927
27,293	28,432	30,393	31,568	31,619	29,303	27,221	27,249	25,585	25,547
37,613	26,582	29,295	30,038	32,301	31,680	29,398	27,260	28,808	30,571
146,353	156,331	166,774	166,760	181,172	196,329	190,956	180,051	176,899	188,611
52,902	54,355	58,356	61,738	57,992	58,201	52,677	51,645	57,991	61,874
5,376	4,957	4,795	4,957	5,493	5,949	5,520	5,416	5,900	5,936
774,649	806,805	834,198	861,653	843,762	812,832	743,833	746,592	804,422	831,119
7,402	4,455	4,526	5,491	6,068	6,481	5,823	6,370	7,140	6,265
44,887	52,329	54,840	54,656	57,038	57,783	50,996	53,743	59,534	64,400
529,608	546,169	560,936	597,846	583,609	550,293	497,432	497,941	522,673	544,184
23,884	24,506	24,730	24,740	24,624	24,867	22,180	21,238	26,908	28,214
13,693	13,396	13,420	14,138	14,719	14,115	13,173	12,917	12,151	12,200
3,452	3,621	4,242	3,607	3,550	3,586	3,202	3,193	4,526	3,549
1,508	1,342	1,689	1,768	1,938	1,792	1,817	1,879	2,063	2,600
7,081	6,664	8,595	7,334	7,922	8,076	7,381	7,990	9,525	9,795
5,484	5,389	6,019	6,369	7,140	7,100	7,334	7,637	16,357	17,190
38,872	41,138	41,108	42,093	41,219	41,567	38,436	35,627	37,321	37,920
8,847	9,260	10,184	11,050	12,358	13,502	13,554	14,263	17,719	14,769
83,851	92,589	97,302	85,786	76,228	75,455	74,910	75,760	80,251	80,880
6,080	5,947	6,607	6,775	7,349	8,215	7,595	8,034	8,254	9,153
—	—	31,110	34,637	40,401	33,055	33,055	35,212	34,617	40,310
8,306	11,482	12,769	14,733	16,346	2,961	6,739	6,696	7,107	7,046
526	577	824	874	890	742	720	497	494	556
—	—	—	2,185	2,185	365	835	916	915	845
—	—	—	—	—	69	158	183	308	196
7,495	10,745	11,750	11,517	12,743	1,130	4,332	4,420	4,693	4,582
285	160	195	157	528	655	694	680	697	867
—	—	—	—	—	—	—	—	—	—

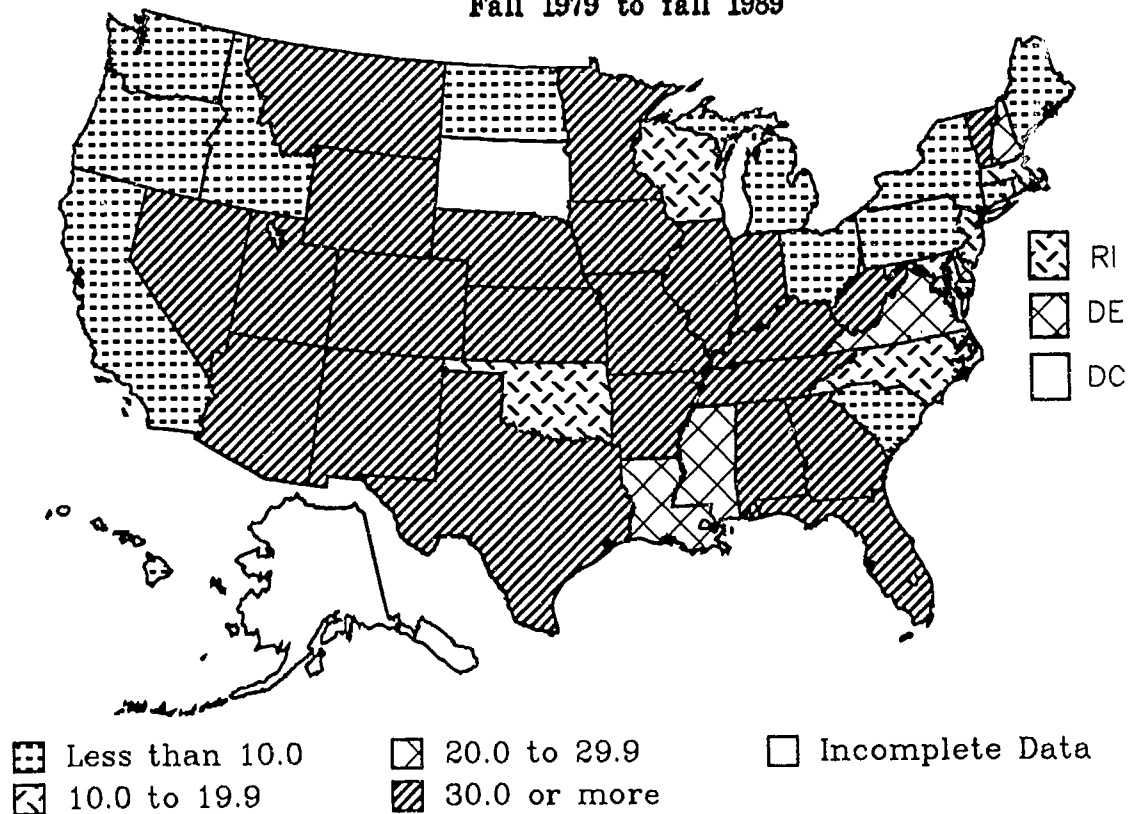
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Fall Enrollment in Higher Education" surveys; and Integrated Postsecondary Education Data System, "Fall Enrollment" surveys.



**Chart 24a.—Percentage change in full-time-equivalent enrollment in public 2-year institutions of higher education, by state: Fall 1969 to fall 1989**



**Chart 24b.—Percentage change in full-time-equivalent enrollment in public 2-year institutions of higher education, by state: Fall 1979 to fall 1989**



**SOURCE:** U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.





**Table 25.—Full-time-equivalent enrollment in private 4-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued**

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>2,159,770</b>	<b>2,184,121</b>	<b>33.2</b>	<b>19.3</b>	<b>11.6</b>	<b>7.2</b>	<b>11.3</b>	<b>5.0</b>	<b>6.3</b>
<b>Northeast</b> .....	<b>832,180</b>	<b>836,121</b>	<b>27.0</b>	<b>19.2</b>	<b>6.6</b>	<b>6.4</b>	<b>12.0</b>	<b>4.3</b>	<b>2.2</b>
Connecticut .....	43,559	44,223	18.7	16.2	2.1	8.7	6.9	1.0	1.1
Maine .....	9,510	11,747	34.4	6.8	25.8	-3.8	11.0	34.8	-6.7
Massachusetts .....	185,110	184,812	37.2	26.8	8.2	12.0	13.2	4.2	3.8
New Hampshire .....	19,526	19,206	60.9	31.5	22.4	3.4	27.1	16.3	5.2
New Jersey .....	42,490	42,817	-8.9	4.7	-13.0	2.0	2.7	-10.4	-2.8
New York .....	318,594	318,285	24.9	19.2	4.8	4.5	14.0	4.3	0.5
Pennsylvania .....	172,339	173,619	23.8	12.4	10.1	1.7	10.6	5.7	4.1
Rhode Island .....	30,516	30,302	89.8	54.5	22.8	38.2	11.8	15.3	6.5
Vermont .....	10,536	11,110	42.1	32.6	7.2	24.1	6.8	-6.8	15.0
<b>Midwest</b> .....	<b>526,279</b>	<b>541,125</b>	<b>24.5</b>	<b>8.3</b>	<b>15.0</b>	<b>0.8</b>	<b>7.5</b>	<b>3.5</b>	<b>11.0</b>
Illinois .....	124,345	129,694	25.4	8.3	15.7	2.9	5.3	5.2	10.1
Indiana .....	49,336	50,492	0.4	-9.6	11.1	-9.7	0.2	-0.8	12.0
Iowa .....	37,738	40,361	21.3	4.8	15.8	-5.4	10.7	1.0	14.6
Kansas .....	10,752	10,581	-19.2	-16.1	-3.7	-23.0	9.0	-4.4	0.7
Michigan .....	57,124	57,632	46.8	20.4	21.9	13.9	5.7	7.7	13.2
Minnesota .....	42,528	43,102	50.3	27.9	17.5	6.6	19.9	4.8	12.2
Missouri .....	60,244	62,240	62.6	36.3	19.3	15.2	18.3	2.1	16.8
Nebraska .....	13,490	14,047	-1.8	-7.3	5.9	-19.0	14.5	6.7	-0.8
North Dakota .....	2,306	2,325	158.3	94.2	33.0	33.4	45.5	12.2	18.6
Ohio .....	88,023	89,114	11.3	2.4	8.7	2.8	-0.3	2.8	5.7
South Dakota .....	5,866	5,915	0.7	15.0	-12.4	-9.0	26.4	-2.9	-9.8
Wisconsin .....	34,527	35,622	30.6	0.3	30.3	-9.1	10.3	6.3	22.6
<b>South</b> .....	<b>522,977</b>	<b>528,727</b>	<b>43.4</b>	<b>25.5</b>	<b>14.3</b>	<b>10.7</b>	<b>13.4</b>	<b>4.7</b>	<b>9.1</b>
Alabama .....	16,769	15,760	14.2	6.9	6.8	4.1	2.7	7.3	-0.4
Arkansas .....	8,958	9,158	41.7	24.7	13.6	18.4	5.3	-1.2	14.9
Delaware .....	4,613	5,371	-	-	126.5	-84.4	614.2	49.1	51.9
District of Columbia .....	53,991	54,471	23.4	24.1	-0.6	17.3	5.8	-4.7	4.4
Florida .....	74,110	70,224	98.4	63.8	21.1	11.5	46.9	13.2	7.0
Georgia .....	37,737	37,420	86.3	49.8	24.4	21.1	23.7	14.0	9.1
Kentucky .....	19,242	18,307	3.4	-7.2	11.3	-15.4	9.8	7.1	4.0
Louisiana .....	20,833	22,078	38.9	21.7	14.1	9.4	11.2	3.0	10.9
Maryland .....	25,853	26,734	22.3	-4.5	28.0	-3.2	-1.3	8.6	17.8
Mississippi .....	7,940	8,215	31.9	18.3	11.6	9.2	8.3	7.1	4.1
North Carolina .....	53,377	57,066	55.1	23.8	25.3	11.3	11.2	5.6	18.7
Oklahoma .....	15,841	15,892	26.7	28.3	-1.2	18.7	8.1	2.0	-3.2
South Carolina .....	20,871	20,391	15.5	17.5	-1.7	7.0	9.8	-6.6	5.3
Tennessee .....	40,531	41,033	33.0	27.3	4.5	13.8	11.9	-4.9	9.8
Texas .....	75,705	76,617	30.6	22.5	6.6	15.5	6.0	7.2	-0.5
Virginia .....	40,278	43,970	100.5	34.7	48.9	10.4	22.0	6.9	39.3
West Virginia .....	6,328	6,020	-30.7	-11.7	-21.5	-8.8	-3.1	-8.6	-14.1
<b>West</b> .....	<b>278,334</b>	<b>278,148</b>	<b>56.3</b>	<b>34.1</b>	<b>16.5</b>	<b>19.1</b>	<b>12.6</b>	<b>11.0</b>	<b>5.0</b>
Alaska .....	842	1,313	154.5	-37.2	305.2	13.8	-44.8	90.4	112.8
Arizona .....	12,549	9,494	483.2	208.0	89.3	181.4	9.5	111.1	-10.3
California .....	165,112	165,046	68.1	48.9	12.8	28.0	16.4	9.9	2.7
Colorado .....	14,288	14,983	12.1	-10.1	24.7	-8.7	-1.5	7.5	16.1
Hawaii .....	7,753	8,018	215.0	71.7	83.4	3.7	65.6	48.0	23.9
Idaho .....	1,876	1,832	-8.8	-11.1	2.6	-15.7	5.4	-2.1	4.9
Montana .....	2,625	2,589	4.8	7.2	-2.2	-4.2	11.8	-18.4	19.8
Nevada .....	135	206	357.8	313.3	10.8	173.3	51.2	26.3	-12.3
New Mexico .....	1,538	1,511	-48.8	-9.6	-43.4	10.1	-17.9	-32.8	-15.7
Oregon .....	17,020	17,802	53.5	23.6	24.1	10.4	12.0	11.1	11.7
Utah .....	27,783	29,096	16.4	6.0	9.8	-0.2	6.2	1.2	8.5
Washington .....	26,813	26,258	48.6	27.5	16.5	19.7	6.5	10.8	5.2
Wyoming .....	-	-	-	-	-	-	-	-	-
<b>U.S. Service Schools</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Outlying Areas</b> .....	<b>74,148</b>	<b>74,223</b>	<b>653.4</b>	<b>393.0</b>	<b>52.8</b>	<b>116.1</b>	<b>128.1</b>	<b>34.8</b>	<b>13.4</b>
American Samoa .....	-	-	-	-	-	-	-	-	-
Guam .....	-	-	-	-	-	-	-	-	-
Northern Marianas .....	-	-	-	-	-	-	-	-	-
Puerto Rico .....	74,148	74,223	653.4	393.0	52.8	116.1	128.1	34.8	13.4
Trust Territories .....	-	-	-	-	-	-	-	-	-
Virgin Islands .....	-	-	-	-	-	-	-	-	-

Chart 25a.—Percentage change in full-time-equivalent enrollment in private 4-year institutions of higher education, by state: Fall 1969 to fall 1989

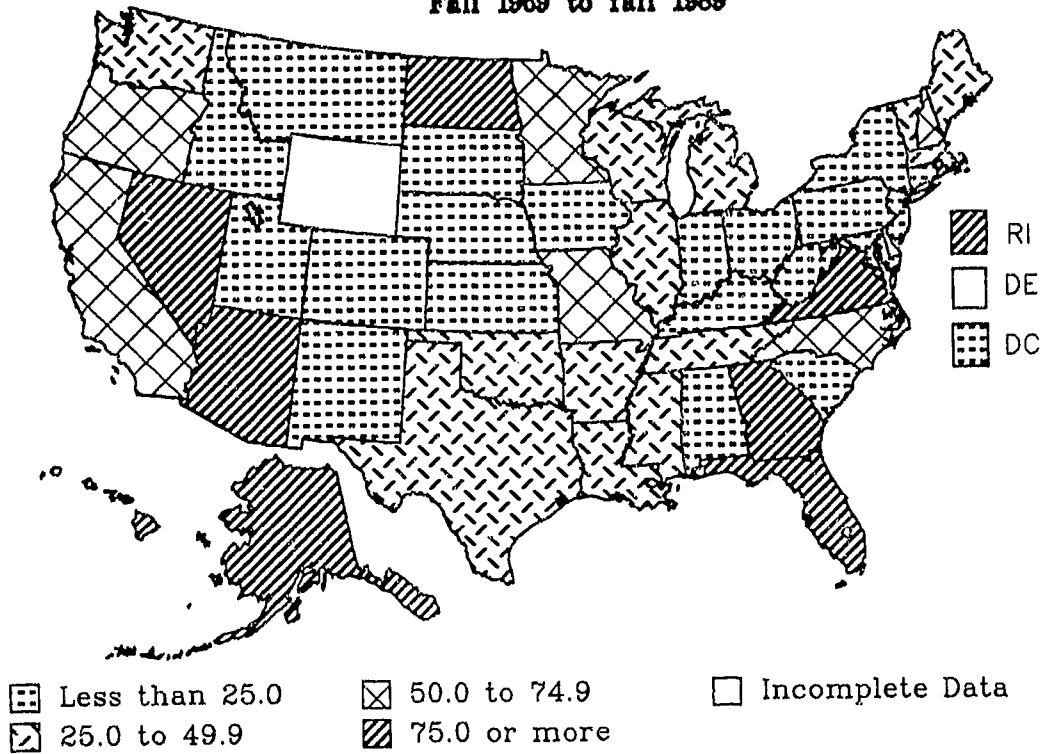
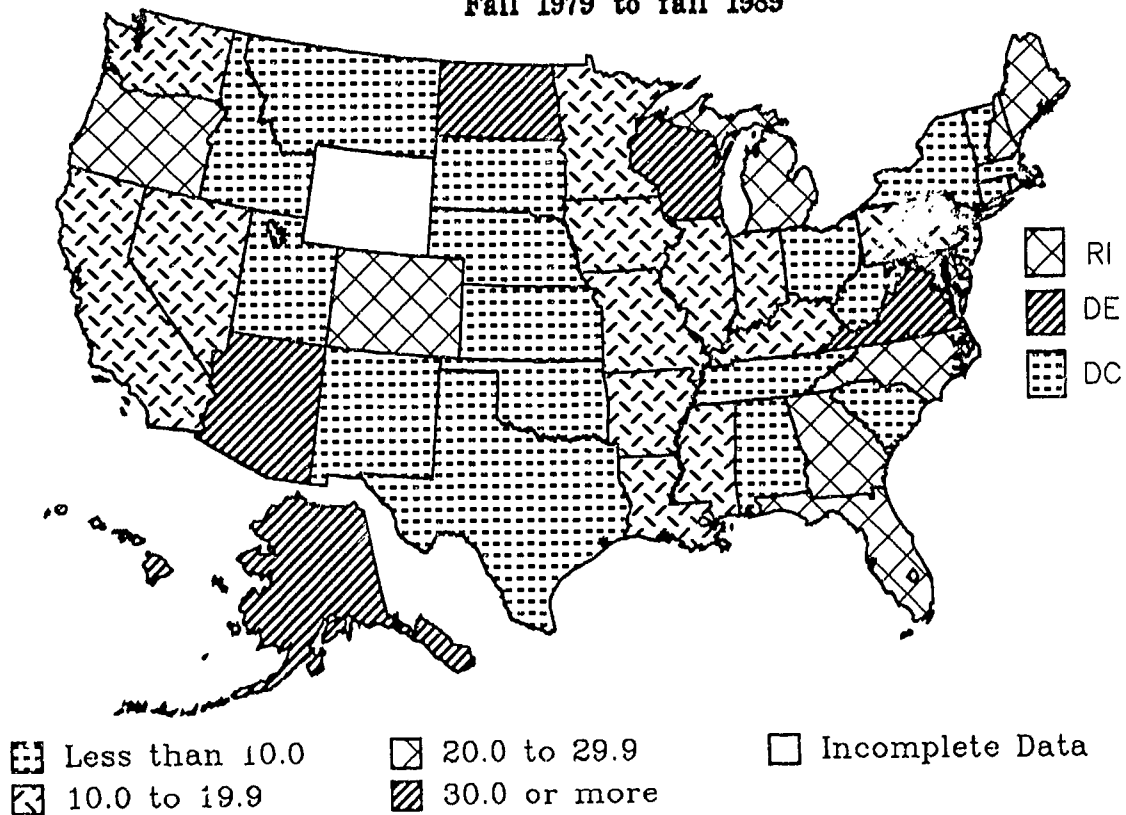


Chart 25b.—Percentage change in full-time-equivalent enrollment in private 4-year institutions of higher education, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.



**Table 26.—Full-time-equivalent enrollment in private 2-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989**

Region and state	Fall 1969	Fall 1970	Fall 1971	Fall 1972	Fall 1973	Fall 1974	Fall 1975	Fall 1976	Fall 1977
<b>United States</b> .....	<b>116,303</b>	<b>107,827</b>	<b>107,135</b>	<b>100,308</b>	<b>105,708</b>	<b>101,949</b>	<b>113,475</b>	<b>113,048</b>	<b>122,858</b>
<b>Northeast</b> .....	<b>41,407</b>	<b>38,981</b>	<b>38,252</b>	<b>35,030</b>	<b>40,381</b>	<b>40,124</b>	<b>49,298</b>	<b>47,810</b>	<b>50,266</b>
Connecticut .....	2,146	2,092	1,660	1,537	1,391	1,354	1,447	746	769
Maine .....	68	83	422	227	261	253	311	291	377
Massachusetts .....	16,552	15,777	14,402	12,621	12,987	13,780	18,742	15,750	14,236
New Hampshire .....	415	495	496	437	531	1,046	540	179	185
New Jersey .....	3,479	4,360	5,318	5,266	4,646	4,426	4,177	4,742	4,853
New York .....	11,467	10,137	9,409	9,008	15,519	14,151	18,271	19,851	23,074
Pennsylvania .....	5,049	4,725	5,051	4,348	3,794	3,779	4,942	5,308	5,363
Rhode Island .....	877	—	—	—	—	—	—	—	403
Vermont .....	1,354	1,312	1,494	1,586	1,252	1,335	872	943	1,006
<b>Midwest</b> .....	<b>20,430</b>	<b>19,722</b>	<b>20,064</b>	<b>19,659</b>	<b>19,626</b>	<b>20,579</b>	<b>23,276</b>	<b>22,837</b>	<b>23,049</b>
Illinois .....	6,394	6,394	6,358	6,182	6,157	5,451	5,590	5,654	6,549
Indiana .....	866	785	875	882	1,433	1,368	2,118	1,836	1,377
Iowa .....	2,962	2,912	2,534	2,218	2,410	2,394	1,794	1,706	1,748
Kansas .....	1,528	1,384	1,453	1,384	1,226	1,244	1,517	1,564	1,487
Michigan .....	2,851	2,802	2,913	2,626	2,465	3,166	4,213	4,461	4,052
Minnesota .....	892	927	1,079	1,391	1,416	1,468	1,397	1,520	1,585
Missouri .....	2,487	2,138	2,394	2,104	1,231	1,263	1,567	1,167	1,001
Nebraska .....	320	303	326	321	360	304	331	323	298
North Dakota .....	112	114	—	—	—	432	417	406	428
Ohio .....	1,325	1,354	1,454	1,831	2,210	2,537	3,166	3,121	3,536
South Dakota .....	315	324	375	361	373	355	385	391	390
Wisconsin .....	378	285	323	359	345	597	781	688	598
<b>South</b> .....	<b>46,493</b>	<b>40,884</b>	<b>39,352</b>	<b>36,271</b>	<b>35,730</b>	<b>32,681</b>	<b>31,533</b>	<b>33,317</b>	<b>39,150</b>
Alabama .....	1,503	1,345	1,377	1,351	1,133	1,107	2,299	2,363	3,862
Arkansas .....	1,027	1,033	860	763	780	723	686	618	853
Delaware .....	3,182	3,265	2,755	2,838	2,979	3,070	2,931	3,413	2,271
District of Columbia .....	1,838	748	502	592	566	147	120	109	98
Florida .....	2,427	2,530	1,211	991	2,403	1,973	575	583	571
Georgia .....	3,440	3,182	2,982	2,101	2,219	2,457	3,376	3,068	4,904
Kentucky .....	1,862	1,678	1,555	1,524	1,446	1,313	1,459	2,851	3,977
Louisiana .....	—	—	—	—	—	—	—	—	—
Maryland .....	444	352	360	388	957	1,265	1,150	1,401	1,640
Mississippi .....	1,772	1,699	1,561	1,493	1,374	1,086	1,069	1,405	1,939
North Carolina .....	9,806	8,279	8,481	7,764	6,964	6,842	6,668	7,261	8,152
Oklahoma .....	2,006	2,187	2,240	2,176	2,284	2,173	2,545	1,772	1,558
South Carolina .....	3,014	3,357	3,697	3,781	2,903	2,736	3,240	3,033	2,866
Tennessee .....	2,398	2,508	2,585	2,705	2,929	3,074	1,746	1,542	2,433
Texas .....	5,991	4,244	4,874	3,909	3,412	1,406	1,428	1,421	1,426
Virginia .....	3,845	3,076	2,923	2,933	2,316	2,269	1,080	1,315	1,343
West Virginia .....	1,938	1,401	1,389	962	1,065	1,040	1,161	1,162	1,257
<b>West</b> .....	<b>7,973</b>	<b>8,240</b>	<b>9,447</b>	<b>9,348</b>	<b>9,971</b>	<b>8,565</b>	<b>9,368</b>	<b>9,064</b>	<b>10,393</b>
Alaska .....	118	132	169	201	227	193	231	221	—
Arizona .....	427	244	336	477	2,048	207	129	152	166
California .....	574	483	827	961	1,219	1,500	1,883	1,714	2,527
Colorado .....	—	—	57	45	—	—	—	—	507
Hawaii .....	494	322	484	478	—	—	—	—	—
Idaho .....	4,485	5,123	5,421	5,200	4,690	5,143	5,585	5,502	5,662
Montana .....	—	—	—	—	—	—	—	—	—
Nevada .....	—	—	—	—	—	—	—	—	—
New Mexico .....	—	—	—	—	—	—	—	—	—
Oregon .....	278	350	493	311	328	354	378	368	412
Utah .....	1,597	1,586	1,660	1,675	1,459	1,168	1,162	1,127	1,119
Washington .....	—	—	—	—	—	—	—	—	—
Wyoming .....	—	—	—	—	—	—	—	—	—
<b>U.S. Service Schools</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Outlying Areas</b> .....	<b>5,257</b>	<b>6,623</b>	<b>9,080</b>	<b>8,744</b>	<b>8,981</b>	<b>9,750</b>	<b>15,623</b>	<b>17,496</b>	<b>23,050</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	5,257	6,623	9,080	8,744	8,981	9,750	15,623	17,496	23,050
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

—Data not available or not applicable.

**Table 26.—Full-time-equivalent enrollment in private 2-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued**

Fall 1978	Fall 1979	Fall 1980	Fall 1981	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987
133,852	137,932	173,614	191,880	212,784	225,504	212,215	220,935	221,291	201,269
49,046	52,754	67,466	71,863	76,178	83,959	72,800	75,478	80,176	77,471
782	797	1,181	1,210	1,194	1,211	1,237	1,255	1,341	1,295
835	765	905	1,057	1,118	1,120	1,091	1,102	898	838
13,266	13,972	15,050	15,735	15,663	15,337	14,447	14,170	13,087	11,459
258	354	1,839	1,889	2,000	2,217	2,409	2,237	1,988	1,624
4,724	4,909	5,392	5,360	1,572	1,605	1,464	1,491	1,898	2,008
22,792	24,583	26,859	29,029	31,113	33,307	33,905	32,280	31,093	27,392
5,011	5,902	14,319	15,412	20,855	25,883	16,728	21,391	28,373	31,157
476	472	772	1,004	1,269	1,720	—	—	—	—
902	1,000	1,149	1,167	1,394	1,559	1,599	1,552	1,498	1,598
25,867	25,118	34,026	45,601	56,895	57,275	52,714	58,622	49,162	42,211
6,155	6,481	6,161	5,472	5,560	5,544	7,146	10,734	8,129	8,466
1,935	1,960	3,846	4,541	5,626	6,169	5,411	5,675	3,669	3,065
2,534	1,632	1,960	1,911	2,172	2,026	2,147	2,289	3,148	2,993
1,505	1,483	1,526	1,465	1,424	1,534	1,437	1,290	1,144	1,124
5,586	5,881	5,613	6,706	7,551	7,677	7,608	8,358	5,260	2,948
1,598	1,553	3,235	3,561	3,664	3,995	3,859	3,905	4,207	4,390
1,167	1,076	1,280	1,373	1,666	2,197	2,160	2,526	2,680	3,041
290	307	344	533	569	609	481	524	333	402
106	103	168	439	394	495	595	671	86	214
3,508	3,817	8,743	18,278	26,600	25,067	19,904	20,499	18,934	13,770
560	337	458	541	481	477	518	614	438	475
923	488	692	781	1,188	1,485	1,448	1,537	1,134	1,323
45,973	47,071	57,999	57,844	61,664	63,023	63,661	61,794	65,290	54,424
4,084	4,202	3,819	4,687	4,316	3,378	4,248	3,531	4,054	3,332
1,324	1,497	2,284	2,187	2,158	2,371	2,981	2,907	1,485	1,757
1,945	905	815	842	726	753	716	582	—	—
—	—	—	—	—	—	—	—	—	—
1,596	2,277	4,696	5,631	7,196	7,585	7,710	6,913	13,266	4,021
5,171	6,060	9,228	7,916	8,438	8,849	8,070	8,486	8,284	7,043
4,842	4,559	6,801	7,257	8,389	8,628	9,312	9,551	7,785	7,253
245	286	375	375	375	375	1,706	1,706	1,897	1,135
506	535	572	785	1,014	1,080	322	332	678	764
2,128	1,744	2,185	2,296	2,384	1,646	1,837	1,362	1,508	2,137
9,003	8,965	8,641	8,603	8,391	7,725	6,908	6,534	6,231	6,497
1,294	1,520	2,701	2,422	2,800	2,707	2,844	3,173	3,094	4,242
4,668	5,185	5,793	4,629	4,784	5,291	4,782	4,871	4,296	4,752
5,072	5,211	5,380	5,433	5,514	7,195	6,920	5,867	5,184	5,219
1,603	1,536	2,152	1,808	1,723	2,068	1,841	2,755	3,295	3,406
1,266	1,320	972	1,223	1,213	1,172	1,337	1,435	2,337	1,306
1,226	1,269	1,585	1,750	2,243	2,000	2,127	1,789	1,896	1,560
12,166	12,989	14,123	16,572	18,047	21,247	22,960	25,041	26,663	27,163
—	—	—	—	—	—	—	—	—	—
154	125	99	106	127	1,046	2,186	1,247	1,937	1,793
4,377	4,402	5,272	6,588	6,615	7,762	8,744	10,515	10,486	10,365
488	1,036	950	1,635	3,228	3,396	3,505	3,878	3,657	3,741
—	—	—	—	—	—	—	—	—	—
5,859	5,743	5,549	5,611	5,862	5,703	5,594	6,092	6,460	7,516
—	—	473	665	608	703	644	624	721	436
—	—	—	—	—	—	—	—	25	25
—	—	—	—	—	—	—	—	—	—
231	381	484	556	252	897	178	320	366	329
1,057	1,140	1,270	1,350	1,341	1,740	1,511	1,233	1,185	965
—	162	—	35	14	—	598	1,132	1,204	1,372
—	—	26	26	—	—	—	—	622	621
—	—	—	—	—	—	—	—	—	—
25,220	18,832	14,437	15,693	17,041	17,699	17,585	18,439	9,616	8,723
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
25,220	18,832	14,437	15,693	17,041	17,699	17,585	18,439	9,616	8,723
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Fall Enrollment in Higher Education" surveys; and Integrated Postsecondary Education Data System, "Fall Enrollment" surveys.

**Table 26.—Full-time-equivalent enrollment in private 2-year institutions of higher education, by region and state:  
Fall 1969 to fall 1989—Continued**

Region and state	Fall 1988	Fall 1989	Percentage change						
			Fall 1969 to fall 1989	Fall 1969 to fall 1979	Fall 1979 to fall 1989	Fall 1969 to fall 1974	Fall 1974 to fall 1979	Fall 1979 to fall 1984	Fall 1984 to fall 1989
<b>United States</b> .....	<b>210,036</b>	<b>212,667</b>	<b>82.9</b>	<b>18.6</b>	<b>54.2</b>	<b>-12.3</b>	<b>35.3</b>	<b>53.9</b>	<b>0.2</b>
<b>Northeast</b> .....	<b>69,081</b>	<b>84,347</b>	<b>103.7</b>	<b>27.4</b>	<b>59.9</b>	<b>-3.1</b>	<b>31.5</b>	<b>38.2</b>	<b>15.7</b>
Connecticut .....	1,357	1,268	-40.9	-62.9	59.1	-36.9	-41.1	55.2	2.5
Maine .....	905	1,164	1611.8	1025.0	52.2	272.1	202.4	42.6	6.7
Massachusetts .....	10,079	9,759	-41.0	-15.6	-30.2	-16.7	1.4	3.4	32.4
New Hampshire .....	1,853	1,269	205.8	-14.7	258.5	152.0	-66.2	580.5	-47.3
New Jersey .....	2,282	2,977	-14.4	41.1	-39.4	27.2	10.9	-70.2	103.3
New York .....	26,144	20,424	78.1	114.4	-16.9	23.4	73.7	37.9	-39.8
Pennsylvania .....	24,688	45,748	806.1	16.9	675.1	-25.2	56.2	183.4	173.5
Rhode Island .....	—	—	—	-46.2	—	—	—	—	—
Vermont .....	1,773	1,738	28.4	-26.1	73.8	-1.4	-25.1	59.9	8.7
<b>Midwest</b> .....	<b>47,963</b>	<b>41,677</b>	<b>104.0</b>	<b>22.9</b>	<b>65.9</b>	<b>0.7</b>	<b>22.1</b>	<b>109.9</b>	<b>-20.9</b>
Illinois .....	8,535	7,305	14.2	1.4	12.7	-14.7	18.9	10.3	2.2
Indiana .....	2,867	2,702	212.0	126.3	37.9	58.0	43.3	176.1	-50.1
Iowa .....	3,315	1,872	-36.8	-44.9	14.7	-19.2	-31.8	31.6	-12.8
Kansas .....	1,197	813	-46.8	-2.9	-45.2	-18.6	19.2	-3.1	-43.4
Michigan .....	3,808	3,839	34.7	106.3	-34.7	11.0	85.8	29.4	-49.5
Minnesota .....	4,093	4,368	389.7	74.1	181.3	64.6	5.8	148.5	13.2
Missouri .....	2,610	2,621	5.4	-56.7	143.6	-49.2	-14.8	100.7	21.3
Nebraska .....	400	593	85.3	-4.1	93.2	-5.0	1.0	56.7	23.3
North Dakota .....	208	177	58.0	-8.0	71.8	285.7	-76.2	477.7	-70.3
Ohio .....	19,662	16,120	1116.6	188.1	322.3	91.5	50.5	-21.5	-19.0
South Dakota .....	267	249	-21.0	7.0	-26.1	12.7	-5.1	53.7	-51.9
Wisconsin .....	1,001	1,018	169.3	29.1	108.6	57.9	-18.3	196.7	-29.7
<b>South</b> .....	<b>61,979</b>	<b>58,983</b>	<b>26.9</b>	<b>1.2</b>	<b>25.3</b>	<b>-29.7</b>	<b>44.0</b>	<b>35.2</b>	<b>-7.3</b>
Alabama .....	4,168	3,092	105.7	179.6	-26.4	-26.3	279.6	1.1	-27.2
Arkansas .....	2,682	2,213	115.5	45.8	47.8	-29.6	107.1	99.1	-25.8
Delaware .....	—	—	—	-71.6	—	-3.5	-70.5	-20.9	—
District of Columbia .....	—	—	—	—	—	-92.0	—	—	—
Florida .....	4,605	4,995	105.8	-6.2	119.4	-18.7	15.4	238.6	-35.2
Georgia .....	8,989	8,666	151.9	76.2	43.0	-28.6	146.6	33.2	7.4
Kentucky .....	6,628	5,741	208.3	144.8	25.9	-29.5	247.2	104.3	-38.3
Louisiana .....	2,432	2,331	—	—	715.0	—	—	496.5	36.6
Maryland .....	773	627	41.2	20.5	17.2	184.9	-57.7	-39.8	94.7
Mississippi .....	2,459	2,771	56.4	1.6	58.9	-38.7	60.6	5.3	50.8
North Carolina .....	5,624	4,963	-49.4	-8.6	-44.6	-30.2	31.0	-22.9	-28.2
Oklahoma .....	5,243	4,727	135.6	-24.2	211.0	8.3	-30.1	87.1	66.2
South Carolina .....	4,569	4,316	43.2	72.0	-16.8	-9.2	89.5	-7.8	-9.7
Tennessee .....	5,184	5,736	139.2	117.3	10.1	28.2	69.5	32.8	-17.1
Texas .....	3,973	4,423	-26.2	-74.4	188.0	-76.5	9.2	19.9	140.2
Virginia .....	2,626	2,207	-42.6	-65.7	67.2	-41.0	-41.8	1.3	65.1
West Virginia .....	2,024	2,175	12.2	-34.5	71.4	-46.3	22.0	67.6	2.3
<b>West</b> .....	<b>31,013</b>	<b>27,660</b>	<b>245.9</b>	<b>62.9</b>	<b>112.9</b>	<b>7.4</b>	<b>51.7</b>	<b>76.8</b>	<b>20.5</b>
Alaska .....	608	255	116.1	—	—	63.6	—	—	—
Arizona .....	1,989	1,638	283.6	-70.7	1210.4	-51.5	-39.6	1648.8	-25.1
California .....	10,769	8,172	1323.7	666.9	85.6	161.3	193.5	98.6	-6.5
Colorado .....	5,407	5,165	—	—	398.6	—	—	238.3	47.4
Hawaii .....	—	—	—	—	—	—	—	—	—
Idaho .....	7,859	7,896	76.1	28.0	37.5	14.7	11.7	-2.6	41.2
Montana .....	814	832	—	—	—	—	—	—	29.2
Nevada .....	26	23	—	—	—	—	—	—	—
New Mexico .....	—	—	—	—	—	—	—	—	—
Oregon .....	331	285	2.5	37.1	-25.2	27.3	7.6	-53.3	60.1
Utah .....	875	890	-44.3	-28.6	-21.9	-26.9	-2.4	32.5	-41.1
Washington .....	1,706	1,898	—	—	1071.6	—	—	269.1	217.4
Wyoming .....	629	606	—	—	—	—	—	—	—
<b>U.S. Service Schools</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Outlying Areas</b> .....	<b>9,023</b>	<b>9,172</b>	<b>74.5</b>	<b>258.2</b>	<b>-51.3</b>	<b>85.5</b>	<b>93.1</b>	<b>-6.6</b>	<b>-47.8</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	9,023	9,172	74.5	258.2	-51.3	85.5	93.1	-6.6	-47.8
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

Chart 26a.—Percentage change in full-time-equivalent enrollment in private 2-year institutions of higher education, by state: Fall 1969 to fall 1989

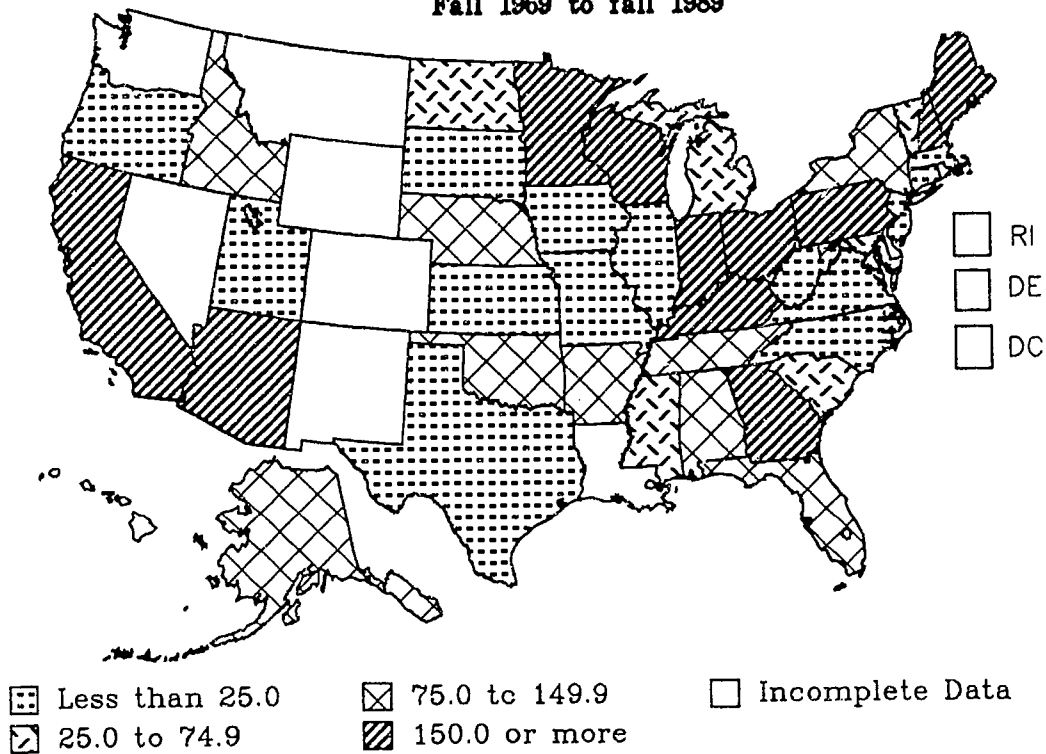
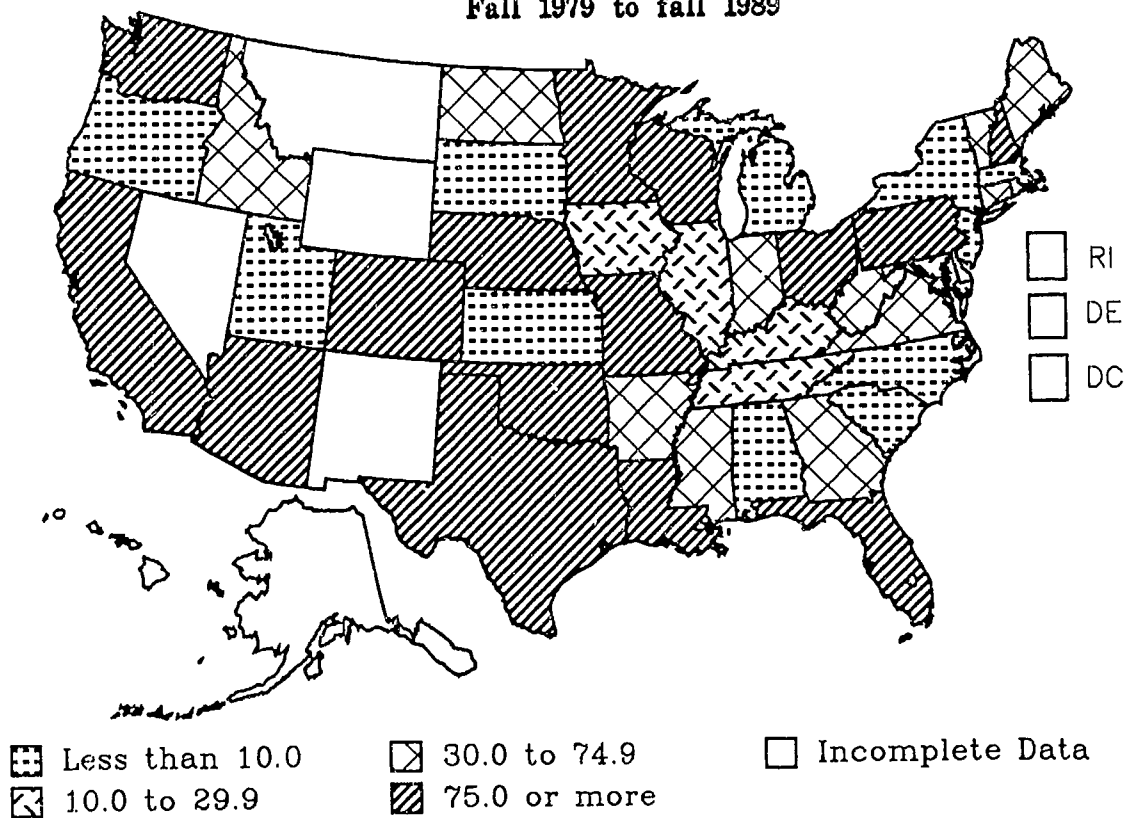


Chart 26b.—Percentage change in full-time-equivalent enrollment in private 2-year institutions of higher education, by state: Fall 1979 to fall 1989



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Fall Enrollment in Higher Education surveys; and IPEDS, Fall Enrollment surveys.

**Table 27.—Average salary\* for faculty in institutions of higher education, by region and state:  
1970-71 to 1989-90 (in unadjusted dollars)**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b>	—	<b>\$12,710</b>	<b>\$13,300</b>	<b>\$13,856</b>	—	<b>\$15,614</b>	<b>\$16,659</b>	<b>\$17,560</b>	<b>\$18,709</b>
<b>Northeast</b>	—	—	—	—	—	—	—	—	—
Connecticut	—	13,805	14,297	14,600	—	16,720	17,488	18,170	20,048
Maine	—	11,917	12,283	12,921	—	14,099	14,333	15,358	16,156
Massachusetts	—	13,524	15,570	15,242	—	17,039	17,760	18,393	19,470
New Hampshire	—	12,226	13,017	13,053	—	14,678	15,715	16,263	17,108
New Jersey	—	13,152	14,025	14,647	—	16,678	17,382	18,742	19,790
New York	—	14,144	14,495	15,546	—	17,401	18,242	18,750	20,315
Pennsylvania	—	12,207	12,491	13,969	—	16,215	17,484	18,365	19,155
Rhode Island	—	12,658	13,211	13,910	—	15,868	16,544	17,921	19,255
Vermont	—	11,575	12,100	12,522	—	13,379	14,548	15,143	16,042
<b>Midwest</b>	—	—	—	—	—	—	—	—	—
Illinois	—	14,193	13,673	14,214	—	15,992	17,251	18,269	19,083
Indiana	—	12,681	13,366	13,773	—	14,962	16,056	16,821	17,784
Iowa	—	12,100	12,449	12,824	—	14,100	15,290	16,293	17,185
Kansas	—	11,207	11,482	12,019	—	13,682	14,875	15,920	16,801
Michigan	—	13,448	14,089	14,797	—	16,754	17,525	18,663	19,729
Minnesota	—	12,866	13,215	13,887	—	15,198	16,046	17,303	18,367
Missouri	—	11,887	12,473	12,848	—	14,471	15,354	16,045	17,151
Nebraska	—	11,562	12,060	12,237	—	13,763	14,583	15,667	16,379
North Dakota	—	10,579	10,876	11,414	—	12,668	14,707	15,575	16,406
Ohio	—	12,157	13,028	13,475	—	15,104	16,339	17,421	18,393
South Dakota	—	10,257	10,473	10,757	—	12,562	13,511	14,342	14,741
Wisconsin	—	12,219	12,947	13,902	—	15,462	16,502	17,498	18,553
<b>South</b>	—	—	—	—	—	—	—	—	—
Alabama	—	10,778	10,937	11,385	—	13,466	13,840	15,091	16,378
Arkansas	—	10,241	10,960	11,446	—	13,008	13,783	14,727	15,420
Delaware	—	12,312	12,878	13,546	—	15,480	16,463	18,398	19,620
District of Columbia	—	13,422	14,116	14,872	—	16,214	17,446	18,749	20,332
Florida	—	11,424	12,954	13,568	—	15,194	15,211	16,265	17,332
Georgia	—	11,947	12,106	12,612	—	13,987	14,176	14,806	16,094
Kentucky	—	11,453	12,035	12,535	—	13,820	14,651	15,569	16,394
Louisiana	—	11,292	11,419	12,138	—	13,417	14,546	15,046	16,636
Maryland	—	12,577	13,096	13,842	—	15,614	16,914	17,599	19,051
Mississippi	—	9,975	10,534	10,958	—	12,284	13,422	13,749	15,010
North Carolina	—	11,804	12,988	13,438	—	14,479	14,858	15,233	16,394
Oklahoma	—	11,268	11,485	11,777	—	13,158	14,263	15,063	16,489
South Carolina	—	11,146	11,750	12,083	—	13,485	13,782	14,212	15,189
Tennessee	—	11,295	12,215	12,701	—	14,247	14,593	15,691	16,819
Texas	—	11,947	12,294	12,662	—	14,157	15,741	16,706	17,657
Virginia	—	11,634	12,267	12,844	—	14,133	15,045	16,058	16,756
West Virginia	—	10,723	11,256	11,526	—	13,074	13,749	14,743	15,400
<b>West</b>	—	—	—	—	—	—	—	—	—
Alaska	—	13,929	14,420	15,027	—	17,304	24,741	26,207	—
Arizona	—	12,940	13,665	14,106	—	16,534	17,574	18,702	19,679
California	—	13,922	14,639	15,582	—	18,129	19,614	20,786	22,155
Colorado	—	12,501	12,582	13,284	—	14,776	16,129	17,091	17,890
Hawaii	—	13,777	14,323	14,663	—	15,577	18,723	20,179	20,857
Idaho	—	10,825	11,526	11,625	—	13,890	14,695	15,536	16,736
Montana	—	11,546	11,958	12,467	—	13,618	15,436	16,137	17,313
Nevada	—	10,258	13,998	14,395	—	15,643	17,256	18,202	19,673
New Mexico	—	12,122	12,835	13,429	—	14,651	16,089	16,924	18,074
Oregon	—	12,406	12,739	12,961	—	14,582	16,185	17,493	18,403
Utah	—	12,324	12,702	13,180	—	14,691	16,191	17,533	18,696
Washington	—	12,883	12,886	13,390	—	15,008	16,346	17,178	18,754
Wyoming	—	12,120	12,594	13,114	—	14,251	16,179	17,302	18,977
<b>U.S. Service Schools</b>	—	<b>16,621</b>	<b>15,722</b>	<b>20,165</b>	—	<b>21,343</b>	<b>22,805</b>	<b>23,896</b>	<b>25,690</b>
<b>Outlying Areas</b>	—	<b>10,514</b>	<b>10,759</b>	<b>11,761</b>	—	<b>12,686</b>	<b>13,592</b>	<b>14,079</b>	<b>15,123</b>
American Samoa	—	—	15,834	7,895	—	8,446	7,827	9,350	10,286
Guam	—	—	11,499	—	—	14,078	14,481	14,374	14,797
Northern Marianas	—	—	—	—	—	—	—	—	—
Puerto Rico	—	10,500	10,585	11	—	12,590	13,611	14,083	15,199
Trust Territories	—	—	—	—	—	—	—	—	—
Virgin Islands	—	11,116	14,376	13,559	—	14,315	14,414	15,308	15,189

—Data not available or not applicable.  
\*Based on 9- and 10-month contracts.

Table 27.—Average salary\* for faculty in institutions of higher education, by region and state: 1970-71 to 1989-90 (in unadjusted dollars)—Continued

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
\$19,820	\$21,348	\$23,302	\$25,448	\$27,196	—	\$30,428	\$32,392	—	\$35,901
—	—	—	—	—	—	—	—	—	—
21,387	22,782	24,861	27,087	29,663	—	33,894	36,464	—	41,426
16,983	18,232	19,931	21,774	23,630	—	26,457	27,444	—	31,836
20,615	22,463	24,097	27,061	29,603	—	33,453	36,582	—	40,248
18,155	19,273	21,190	23,046	24,450	—	28,316	30,237	—	34,333
21,265	22,233	24,237	25,845	29,739	—	32,376	35,313	—	40,151
21,522	22,972	24,549	27,410	29,474	—	33,908	35,845	—	39,756
20,428	21,795	23,620	25,583	27,457	—	30,514	31,956	—	36,148
20,735	22,241	24,298	25,984	28,042	—	31,285	33,519	—	36,907
16,930	18,353	19,839	22,437	24,110	—	27,787	28,843	—	32,235
—	—	—	—	—	—	—	—	—	—
20,341	21,550	23,571	25,608	27,025	—	30,574	32,789	—	35,509
18,883	20,099	22,156	23,766	25,431	—	28,348	30,279	—	33,716
18,129	19,326	20,972	22,710	24,730	—	26,994	27,959	—	31,961
17,880	19,095	20,533	22,213	24,193	—	26,769	28,274	—	29,957
20,982	22,422	24,423	26,193	27,894	—	31,104	33,039	—	36,947
19,430	20,802	22,609	24,400	26,291	—	30,723	32,373	—	34,711
18,461	19,670	21,485	22,536	24,396	—	27,227	29,033	—	31,979
17,640	18,666	20,527	22,477	23,568	—	26,940	27,693	—	29,747
17,410	18,742	20,244	23,563	24,815	—	24,823	27,618	—	28,591
19,453	20,858	23,093	24,967	26,823	—	30,695	32,212	—	36,076
16,030	17,184	18,806	20,123	21,101	—	23,306	25,234	—	27,388
19,804	21,256	23,118	25,128	27,002	—	28,909	31,233	—	35,034
—	—	—	—	—	—	—	—	—	—
17,426	17,887	20,421	21,200	22,883	—	26,744	29,108	—	31,301
16,466	17,756	18,991	20,903	22,613	—	25,633	27,427	—	28,911
20,493	21,586	23,367	25,750	26,813	—	30,147	32,134	—	35,706
21,426	22,855	24,622	27,132	28,592	—	32,421	35,014	—	39,010
18,294	19,438	21,381	23,126	24,947	—	28,248	29,334	—	34,363
17,611	19,351	21,466	23,236	24,733	—	28,134	30,378	—	33,171
17,551	18,559	20,495	22,439	23,920	—	25,863	27,324	—	30,257
17,388	19,352	21,385	23,519	24,837	—	27,310	28,202	—	30,463
19,966	21,447	23,427	24,802	27,410	—	30,595	32,797	—	36,874
16,069	17,083	18,889	20,795	20,792	—	23,680	24,273	—	26,763
17,505	18,836	21,176	23,072	23,391	—	26,989	29,585	—	32,908
17,557	18,980	21,337	23,772	26,552	—	27,450	29,479	—	30,461
16,897	18,578	20,371	22,402	23,017	—	26,555	27,895	—	30,379
18,050	19,433	20,956	21,814	24,056	—	27,702	29,389	—	32,935
18,531	19,755	21,381	24,726	26,952	—	29,682	31,311	—	33,990
18,050	19,312	21,260	23,346	24,946	—	27,891	30,769	—	35,987
16,732	17,997	19,253	21,408	21,728	—	24,130	26,225	—	28,287
—	—	—	—	—	—	—	—	—	—
28,638	29,091	35,387	37,467	41,313	—	41,204	42,696	—	41,045
21,365	23,710	25,654	28,293	29,854	—	32,048	34,118	—	38,080
22,757	25,715	28,628	30,847	31,887	—	36,343	39,002	—	42,612
19,097	20,537	22,455	24,613	26,184	—	28,852	31,003	—	34,373
21,185	22,455	24,008	25,548	28,008	—	28,577	30,444	—	35,489
17,952	19,378	20,867	22,292	23,872	—	26,952	28,266	—	30,825
17,873	19,212	20,342	23,110	25,269	—	26,845	27,730	—	28,746
21,018	22,876	24,117	27,054	29,121	—	28,877	32,394	—	36,250
19,378	20,802	23,131	24,529	26,846	—	28,460	29,485	—	31,086
19,862	20,491	21,786	23,559	24,809	—	26,863	28,629	—	31,608
20,044	21,230	23,702	25,278	27,222	—	29,565	31,475	—	32,208
19,775	21,561	23,329	25,651	26,330	—	28,575	30,376	—	33,182
19,842	22,236	24,133	26,993	29,129	—	30,747	32,065	—	32,819
28,666	29,995	32,409	33,983	35,269	—	38,269	38,205	—	42,419
15,066	16,333	19,534	20,850	20,396	—	21,356	23,580	—	17,346
—	11,384	13,028	14,514	13,885	—	16,482	—	—	—
18,282	18,664	22,176	23,270	24,304	—	23,819	27,575	—	9,336
—	—	—	—	—	—	—	—	—	—
14,842	16,250	19,522	20,712	20,202	—	21,129	23,180	—	16,717
—	—	—	—	—	—	8,628	13,406	—	12,468
17,055	17,702	18,638	22,343	23,832	—	24,435	25,804	—	33,500

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Salaries and Tenure of Full-Time Instructional Faculty" surveys; and Integrated Postsecondary Education Data System, "Salaries, Tenure, and Fringe Benefits of Full-time Instructional Faculty" surveys.

**Table 27.—Average salary\* for faculty in institutions of higher education, by region and state:  
1970-71 to 1989-90 (in unadjusted dollars)—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1970-71 to 1989-90	1970-71 to 1979-80	1979-80 to 1989-90	1970-71 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1989-90
<b>United States</b> .....	—	\$39,965	214.4	68.0	87.2	22.8	36.7	42.5	31.3
<b>Northeast</b> .....	—	—	—	—	—	—	—	—	—
Connecticut .....	—	47,232	242.1	65.0	107.3	21.1	36.3	48.8	39.4
Maine .....	—	36,794	208.8	53.0	101.8	18.3	29.3	45.1	39.1
Massachusetts .....	—	46,113	241.0	66.1	105.3	26.0	31.8	48.9	37.8
New Hampshire .....	—	38,783	217.2	57.6	101.2	20.1	31.3	46.9	37.0
New Jersey .....	—	45,136	243.2	69.0	103.0	26.8	33.3	45.6	39.4
New York .....	—	44,557	215.0	62.4	94.0	23.0	32.0	47.6	31.4
Pennsylvania .....	—	41,177	237.3	78.5	88.9	32.8	34.4	40.0	34.9
Rhode Island .....	—	43,971	247.4	75.7	97.7	25.4	40.2	40.7	40.5
Vermont .....	—	36,018	211.2	58.6	96.3	15.6	37.2	51.4	29.6
<b>Midwest</b> .....	—	—	—	—	—	—	—	—	—
Illinois .....	—	40,546	185.7	51.8	88.1	12.7	34.8	41.9	32.6
Indiana .....	—	37,442	195.3	58.5	86.3	18.0	34.3	41.0	32.1
Iowa .....	—	38,028	214.3	59.7	96.8	16.5	37.1	39.7	40.9
Kansas .....	—	34,185	205.0	70.4	79.0	22.1	39.6	40.2	27.7
Michigan .....	—	41,270	206.9	66.7	84.1	24.6	33.8	38.7	32.7
Minnesota .....	—	39,376	206.0	61.7	89.3	18.1	36.9	47.7	28.2
Missouri .....	—	35,621	199.7	65.5	81.1	21.7	35.9	38.4	30.8
Nebraska .....	—	34,745	200.5	61.4	86.1	19.0	35.6	44.3	29.0
North Dakota .....	—	30,907	192.2	77.2	64.9	19.7	48.0	32.4	24.5
Ohio .....	—	40,141	230.2	71.6	92.4	24.2	38.1	47.2	30.8
South Dakota .....	—	29,437	187.0	67.5	71.3	22.5	36.8	35.6	26.3
Wisconsin .....	—	38,463	214.8	74.0	81.0	26.5	37.5	36.0	33.0
<b>South</b> .....	—	—	—	—	—	—	—	—	—
Alabama .....	—	33,308	209.0	66.0	86.2	24.9	32.8	49.5	24.5
Arkansas .....	—	31,588	208.4	73.4	77.9	27.0	36.5	44.4	23.2
Delaware .....	—	40,682	230.4	75.3	88.5	25.7	39.4	39.7	34.9
District of Columbia .....	—	44,708	233.1	70.3	95.6	20.8	41.0	41.9	37.9
Florida .....	—	38,027	232.9	70.2	95.6	33.0	27.9	45.3	34.6
Georgia .....	—	36,261	203.5	62.0	87.4	17.1	38.4	45.4	28.9
Kentucky .....	—	32,714	185.6	62.0	76.3	20.7	34.3	39.4	26.5
Louisiana .....	—	33,275	194.7	71.4	71.9	18.8	44.2	41.1	21.8
Maryland .....	—	41,877	233.0	70.5	95.3	24.1	37.4	42.7	36.9
Mississippi .....	—	30,595	206.7	71.3	79.1	23.1	39.1	38.6	29.2
North Carolina .....	—	37,207	215.2	59.6	97.5	22.7	30.1	43.3	37.9
Oklahoma .....	—	34,508	206.2	68.4	81.8	16.8	44.2	44.6	25.7
South Carolina .....	—	34,017	205.2	66.7	83.1	21.0	37.8	42.9	28.1
Tennessee .....	—	36,126	219.8	72.0	85.9	26.1	36.4	42.6	30.4
Texas .....	—	37,615	214.8	65.4	90.4	18.5	39.5	50.3	26.7
Virginia .....	—	40,984	252.3	66.0	112.2	21.5	36.6	44.4	46.9
West Virginia .....	—	29,758	177.5	67.8	65.3	22.1	37.4	34.1	23.3
<b>West</b> .....	—	—	—	—	—	—	—	—	—
Alaska .....	—	44,789	221.6	108.9	54.0	24.2	68.1	41.6	8.7
Arizona .....	—	40,903	216.1	83.2	72.5	27.8	43.4	35.2	27.6
California .....	—	46,476	233.8	84.7	80.7	30.2	41.8	41.3	27.9
Colorado .....	—	38,450	207.6	64.3	87.2	18.2	39.0	40.5	33.3
Hawaii .....	—	39,917	189.7	63.0	77.8	13.1	44.2	27.3	39.7
Idaho .....	—	32,118	196.7	79.0	65.7	28.3	39.5	39.1	19.2
Montana .....	—	29,780	157.9	66.4	55.0	17.9	41.1	39.7	10.9
Nevada .....	—	39,414	284.2	123.0	72.3	52.5	46.2	26.2	36.5
New Mexico .....	—	34,661	185.9	71.6	66.6	20.9	42.0	36.8	21.8
Oregon .....	—	34,342	176.8	65.2	67.6	17.5	40.5	31.1	27.8
Utah .....	—	38,319	210.9	72.3	80.5	19.2	44.5	39.3	29.6
Washington .....	—	36,675	184.7	67.4	70.1	16.5	43.7	32.5	28.3
Wyoming .....	—	34,438	184.1	83.5	54.9	17.6	56.0	38.3	12.0
<b>U.S. Service Schools</b> .....	—	42,924	158.3	80.5	43.1	28.4	40.5	27.6	12.2
<b>Outlying Areas</b> .....	—	22,364	112.7	55.3	36.9	20.7	28.7	30.8	4.7
American Samoa .....	—	20,694	—	—	81.8	—	34.8	44.8	25.6
Guam .....	—	36,263	—	—	94.3	—	32.6	27.6	52.2
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	19,961	90.1	54.8	22.8	19.9	29.1	30.0	-5.5
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	40,888	267.8	59.2	131.0	28.8	23.7	38.0	67.3

Chart 27a.—Percentage change in average salary for faculty in institutions of higher education, by state: 1970-71 to 1989-90 (in unadjusted dollars)

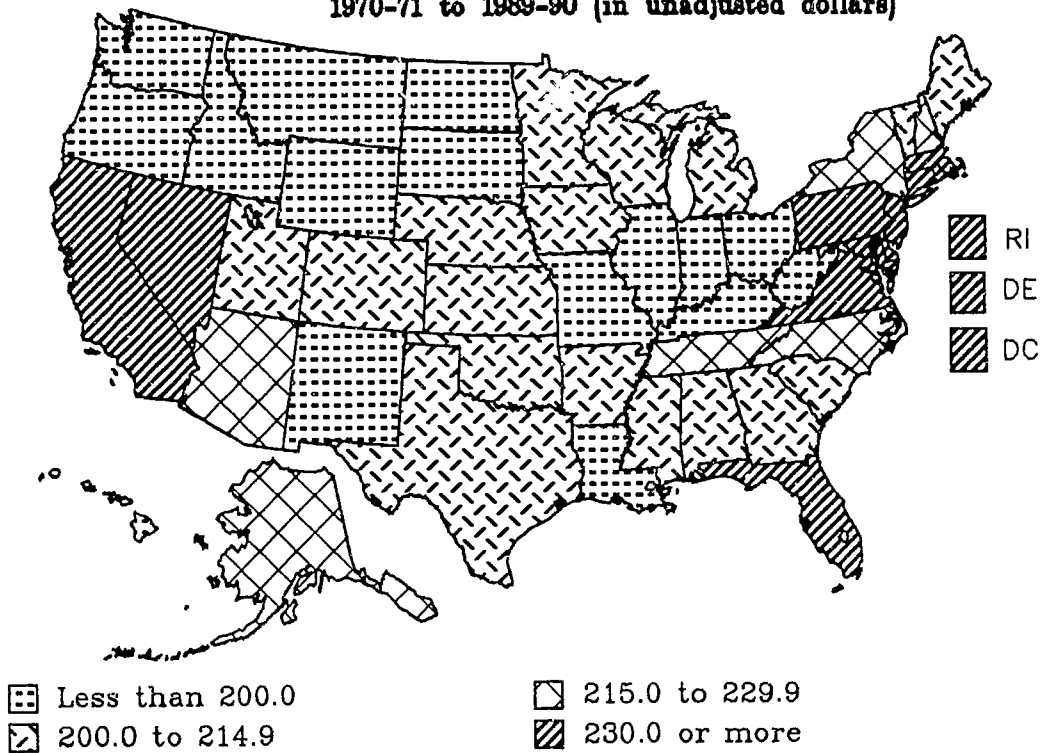
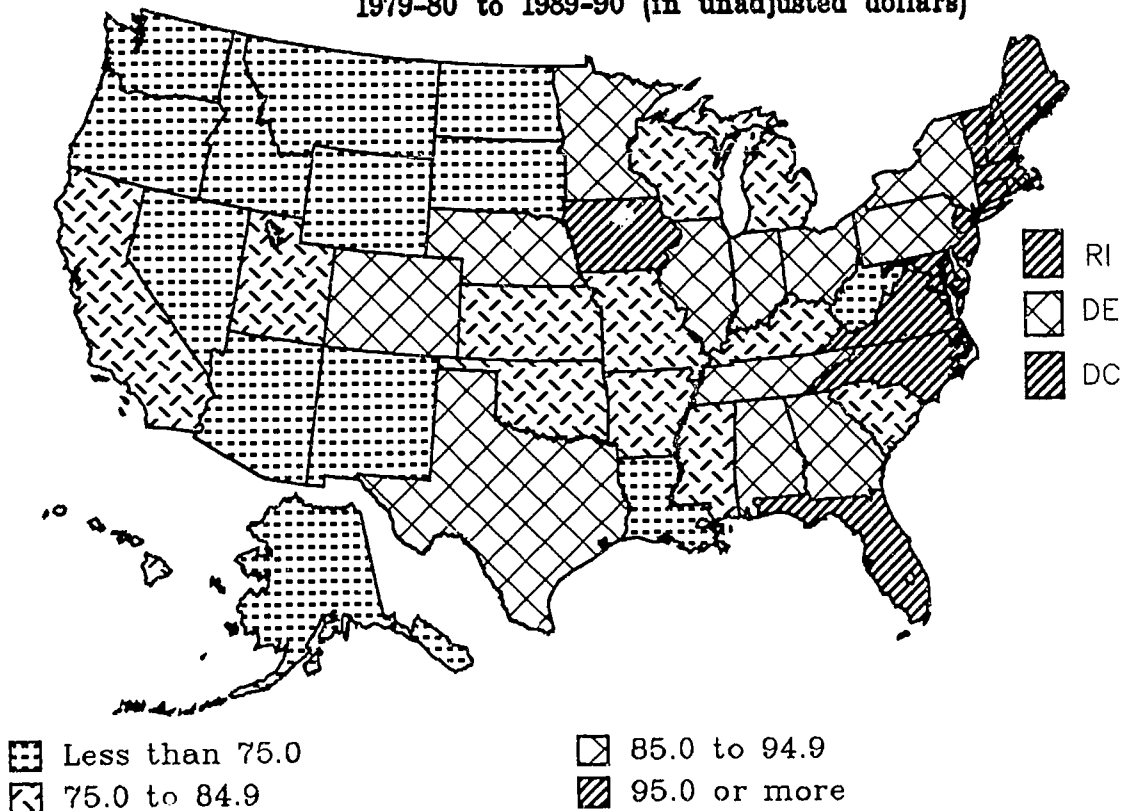


Chart 27b.—Percentage change in average salary for faculty in institutions of higher education, by state: 1979-80 to 1989-90 (in unadjusted dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Salaries and Tenure of Full-Time Instructional Faculty surveys; and IPEDS, Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty surveys.



**Table 28.—Average salary\* for faculty in institutions of higher education, by region and state:  
1970-71 to 1989-90 (in constant 1989-90 dollars)**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b>	—	<b>\$40,626</b>	<b>\$41,039</b>	<b>\$41,100</b>	—	<b>\$38,279</b>	<b>\$38,142</b>	<b>\$37,990</b>	<b>\$37,928</b>
<b>Northeast</b>	—	—	—	—	—	—	—	—	—
Connecticut	—	44,126	44,116	43,306	—	40,991	40,041	39,309	40,643
Maine	—	38,091	37,901	38,326	—	34,565	32,816	33,226	32,753
Massachusetts	—	43,227	48,044	45,210	—	41,773	40,662	39,792	39,471
New Hampshire	—	39,079	40,166	38,717	—	35,900	35,981	35,184	34,683
New Jersey	—	42,038	43,277	43,445	—	40,889	39,797	40,547	40,120
New York	—	45,209	44,728	46,112	—	42,661	41,765	40,564	41,184
Pennsylvania	—	39,018	38,544	41,434	—	39,753	40,030	39,731	38,833
Rhode Island	—	40,459	40,761	41,259	—	38,902	37,879	38,771	39,035
Vermont	—	36,998	37,338	37,142	—	32,800	33,308	32,761	32,522
<b>Midwest</b>	—	—	—	—	—	—	—	—	—
Illinois	—	45,366	42,189	42,161	—	39,205	39,498	39,523	38,687
Indiana	—	40,533	41,244	40,853	—	36,680	36,762	36,391	36,053
Iowa	—	38,676	38,412	38,038	—	34,567	35,008	35,248	34,839
Kansas	—	35,821	35,430	35,650	—	33,543	34,056	34,442	34,060
Michigan	—	42,985	43,475	43,890	—	41,073	40,124	40,376	39,996
Minnesota	—	41,124	40,776	41,191	—	37,260	36,738	37,434	37,235
Missouri	—	37,995	38,487	38,109	—	35,476	35,153	34,712	34,770
Nebraska	—	36,956	37,213	36,297	—	33,742	33,389	33,894	33,205
North Dakota	—	33,814	33,560	33,856	—	31,057	33,673	33,695	33,260
Ohio	—	38,858	40,199	39,969	—	37,028	37,409	37,689	37,288
South Dakota	—	32,785	32,317	31,907	—	30,800	30,912	31,028	29,884
Wisconsin	—	39,056	39,949	41,235	—	37,907	37,782	37,855	37,612
<b>South</b>	—	—	—	—	—	—	—	—	—
Alabama	—	34,450	33,749	33,770	—	33,014	31,689	32,648	33,203
Arkansas	—	32,734	33,819	33,951	—	31,892	31,558	31,861	31,261
Delaware	—	39,353	39,738	40,179	—	37,951	37,694	39,802	39,775
District of Columbia	—	42,901	43,556	44,113	—	39,751	39,945	40,562	41,219
Florida	—	36,515	39,972	40,245	—	37,250	34,827	35,188	35,137
Georgia	—	38,187	37,356	37,409	—	34,290	32,458	32,031	32,627
Kentucky	—	36,608	37,137	37,181	—	33,882	33,544	33,682	33,235
Louisiana	—	36,093	35,235	36,003	—	32,893	33,304	32,551	33,726
Maryland	—	40,200	40,409	41,057	—	38,281	38,726	38,074	38,622
Mississippi	—	31,884	32,505	32,503	—	30,116	30,732	29,745	30,430
North Carolina	—	37,730	40,075	39,859	—	35,498	34,018	32,955	33,235
Oklahoma	—	36,016	35,438	34,932	—	32,259	32,657	32,587	33,428
South Carolina	—	35,627	36,258	35,840	—	33,061	31,554	30,746	30,792
Tennessee	—	36,103	37,692	37,673	—	34,930	33,411	33,946	34,097
Texas	—	38,187	37,934	37,557	—	34,709	36,039	36,142	35,816
Virginia	—	37,186	37,852	38,097	—	34,651	34,446	34,740	34,050
West Virginia	—	34,274	34,732	34,188	—	32,102	31,479	31,895	31,220
<b>West</b>	—	—	—	—	—	—	—	—	—
Alaska	—	44,522	44,496	44,572	—	42,423	56,645	56,697	—
Arizona	—	41,361	42,166	41,841	—	40,535	40,236	40,460	39,895
California	—	44,500	45,171	46,219	—	44,445	44,907	44,969	44,915
Colorado	—	39,958	38,823	39,402	—	36,225	36,929	36,975	36,268
Hawaii	—	44,036	44,196	43,493	—	38,189	42,866	43,655	42,283
Idaho	—	34,600	35,565	34,482	—	34,053	33,645	33,611	33,929
Montana	—	36,905	36,899	36,979	—	33,387	35,341	34,911	35,098
Nevada	—	32,788	43,194	42,698	—	38,351	39,509	39,378	39,883
New Mexico	—	38,746	39,604	39,832	—	35,919	36,836	36,614	36,641
Oregon	—	39,654	39,308	38,444	—	35,749	37,056	37,845	37,308
Utah	—	39,392	39,195	39,094	—	36,016	37,070	37,931	37,902
Washington	—	41,179	39,761	39,717	—	36,794	37,426	37,163	38,020
Wyoming	—	38,740	38,860	38,898	—	34,939	37,043	37,431	38,472
<b>U.S. Service Schools</b>	—	<b>53,127</b>	<b>48,513</b>	<b>59,812</b>	—	<b>52,326</b>	<b>52,213</b>	<b>51,697</b>	<b>52,061</b>
<b>Outlying Areas</b>	—	<b>33,606</b>	<b>33,199</b>	<b>34,885</b>	—	<b>31,101</b>	<b>31,120</b>	<b>30,459</b>	<b>30,659</b>
American Samoa	—	—	48,857	23,418	—	20,706	17,920	20,228	20,853
Guam	—	—	35,483	—	—	34,513	33,154	31,097	29,998
Northern Marianas	—	—	—	—	—	—	—	—	—
Puerto Rico	—	33,562	32,662	34,867	—	30,867	31,164	30,467	30,813
Trust Territories	—	—	—	—	—	—	—	—	—
Virgin Islands	—	35,531	44,359	40,218	—	35,096	33,003	33,118	30,792

—Data not available or not applicable.

\*Based on 9- and 10-month contracts.

**Table 28.—Average salary\* for faculty in institutions of higher education, by region and state:  
1970-71 to 1989-90 (in constant 1989-90 dollars)—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>\$36,740</b>	<b>\$34,916</b>	<b>\$34,156</b>	<b>\$34,336</b>	<b>\$35,183</b>	—	<b>\$36,529</b>	<b>\$37,797</b>	—	<b>\$39,351</b>
—	—	—	—	—	—	—	—	—	—
39,644	37,262	36,441	36,547	38,375	—	40,690	42,549	—	45,407
31,481	29,820	29,215	29,379	30,570	—	31,762	32,024	—	34,896
38,213	36,740	35,321	36,512	38,297	—	40,161	42,686	—	44,116
33,653	31,523	31,060	31,095	31,631	—	33,994	35,283	—	37,633
39,418	36,364	35,527	34,871	38,473	—	38,868	41,206	—	44,010
39,894	37,573	35,984	36,983	38,130	—	40,707	41,826	—	43,577
37,866	35,647	34,622	34,518	35,521	—	36,633	37,288	—	39,622
38,435	36,377	35,616	35,059	36,277	—	37,558	39,112	—	40,454
31,382	30,018	29,080	30,274	31,191	—	33,359	33,656	—	35,333
—	—	—	—	—	—	—	—	—	—
37,705	35,247	34,550	34,552	34,962	—	36,705	38,260	—	38,922
35,002	32,874	32,476	32,066	32,900	—	34,032	35,332	—	36,956
33,605	31,609	30,741	30,641	31,993	—	32,407	32,624	—	35,033
33,143	31,231	30,097	29,971	31,298	—	32,137	32,992	—	32,836
38,893	36,673	35,799	35,341	36,086	—	37,341	38,552	—	40,498
36,016	34,023	33,140	32,922	34,012	—	36,883	37,775	—	38,047
34,220	32,172	31,493	30,407	31,561	—	32,686	33,878	—	35,052
32,698	30,530	30,088	30,327	30,490	—	32,342	32,314	—	32,606
32,272	30,654	29,674	31,792	32,103	—	29,800	32,227	—	31,339
36,059	34,115	33,850	33,687	34,700	—	36,850	37,587	—	39,543
29,714	28,106	27,566	27,151	27,298	—	27,979	29,445	—	30,020
36,710	34,766	33,886	33,904	34,932	—	34,706	36,445	—	38,401
—	—	—	—	—	—	—	—	—	—
32,302	29,256	29,933	28,604	29,603	—	32,107	33,965	—	34,309
30,522	29,041	27,837	28,203	29,254	—	30,773	32,004	—	31,689
37,987	35,306	34,251	34,743	34,688	—	36,192	37,496	—	39,138
39,716	37,381	36,091	36,608	36,989	—	38,922	40,857	—	42,759
33,911	31,792	31,340	31,203	32,274	—	33,912	34,229	—	37,665
32,645	31,650	31,465	31,351	31,997	—	33,775	35,447	—	36,359
32,533	30,355	30,042	30,276	30,945	—	31,049	31,883	—	33,165
32,231	31,652	31,346	31,733	32,131	—	32,786	32,908	—	33,391
37,010	35,078	34,339	33,464	35,460	—	36,730	38,270	—	40,418
29,786	27,941	27,688	28,058	26,898	—	28,428	28,323	—	29,335
32,448	30,808	31,040	31,130	30,261	—	32,401	34,522	—	36,071
32,545	31,043	31,276	32,074	34,350	—	32,954	34,398	—	33,388
31,321	30,386	29,860	30,226	29,777	—	31,880	32,550	—	33,299
33,458	31,784	30,717	29,432	31,121	—	33,257	34,293	—	36,100
34,350	32,311	31,340	33,361	34,867	—	35,634	36,536	—	37,257
33,458	31,586	31,163	31,499	32,272	—	33,484	35,903	—	39,446
31,015	29,436	28,221	28,885	28,109	—	28,968	30,601	—	31,006
—	—	—	—	—	—	—	—	—	—
53,085	47,581	51,870	50,552	53,446	—	49,466	49,821	—	44,990
39,603	38,780	37,604	38,174	38,622	—	38,474	39,811	—	41,740
42,184	42,059	41,963	41,620	41,252	—	43,630	45,510	—	46,707
35,399	33,590	32,915	33,209	33,874	—	34,637	36,176	—	37,676
39,270	36,727	35,191	34,471	36,233	—	34,307	35,524	—	38,900
33,277	31,694	30,587	30,077	30,883	—	32,356	32,983	—	33,787
33,130	31,423	29,817	31,181	32,690	—	32,228	32,357	—	31,509
38,960	37,416	35,351	36,503	37,673	—	34,667	37,799	—	39,734
35,920	34,023	33,905	33,096	34,730	—	34,167	34,405	—	34,074
36,817	33,515	31,934	31,787	32,095	—	32,249	33,406	—	34,646
37,155	34,723	34,742	34,106	35,217	—	35,493	36,727	—	35,303
36,656	35,265	34,196	34,610	34,063	—	34,305	35,445	—	36,371
36,780	36,369	35,374	36,421	37,684	—	36,912	37,416	—	35,973
<b>53,137</b>	<b>49,059</b>	<b>47,505</b>	<b>45,851</b>	<b>45,627</b>	—	<b>45,943</b>	<b>44,580</b>	—	<b>46,496</b>
<b>27,927</b>	<b>26,714</b>	<b>28,633</b>	<b>28,131</b>	<b>26,386</b>	—	<b>25,638</b>	<b>27,515</b>	—	<b>19,013</b>
—	18,619	19,096	19,583	17,963	—	19,787	—	—	—
33,888	30,526	32,506	31,397	31,442	—	28,595	32,176	—	10,233
—	—	—	—	—	—	—	—	—	—
27,512	26,578	28,615	27,945	26,135	—	25,366	27,048	—	18,324
—	—	—	—	—	—	10,358	—	—	—
31,614	28,953	27,320	30,146	30,831	—	29,335	30,110	—	36,720

SO-JRCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Salaries and Tenure of Full-Time Instructional Faculty" surveys; and Integrated Postsecondary Education Data System, "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty" surveys.

**Table 28.—Average salary\* for faculty in institutions of higher education, by region and state:  
1970-71 to 1989-90 (in constant 1989-90 dollars)—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1970-71 to 1989-90	1970-71 to 1979-80	1979-80 to 1989-90	1970-71 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1989-90
<b>United States</b>	—	\$39,965	-1.6	-14.1	14.5	-5.8	-8.8	4.6	9.4
<b>Northeast</b>	—	—	—	—	—	—	—	—	—
Connecticut	—	47,232	7.0	-15.6	26.8	-7.1	-9.1	9.2	16.1
Maine	—	36,794	-3.4	-21.7	23.4	-9.3	-13.7	6.5	15.8
Massachusetts	—	46,113	6.7	-15.0	25.5	-3.4	-12.0	9.3	14.8
New Hampshire	—	38,783	-0.8	19.3	23.0	-7.9	-12.4	7.8	14.1
New Jersey	—	45,136	7.4	-13.5	24.1	-2.7	-11.1	6.9	16.1
New York	—	44,557	-1.4	-9.9	18.6	-5.6	-11.9	8.3	9.5
Pennsylvania	—	41,177	5.5	—	15.5	1.9	-10.3	2.8	12.4
Rhode Island	—	43,971	8.7	-10.7	20.9	-3.8	-6.5	3.2	17.1
Vermont	—	36,018	-2.6	-18.1	20.0	-11.3	-8.5	11.1	8.0
<b>Midwest</b>	—	—	—	—	—	—	—	—	—
Illinois	—	40,546	-10.6	-22.3	15.0	-13.6	-10.1	4.1	10.5
Indiana	—	37,442	-7.6	-18.9	13.9	-9.5	-10.4	3.5	10.0
Iowa	—	38,028	-1.7	-18.3	20.3	-10.6	-8.6	2.5	17.3
Kansas	—	34,185	-4.6	-12.8	9.5	-6.4	-6.9	2.9	6.4
Michigan	—	41,270	-4.0	-14.7	12.5	-4.4	-10.7	1.8	10.5
Minnesota	—	39,376	-4.3	-17.3	15.7	-9.4	-8.7	8.4	6.8
Missouri	—	35,621	-6.2	-15.3	10.7	-6.6	-9.3	1.6	9.0
Nebraska	—	34,745	-6.0	-17.4	13.8	-8.7	-9.5	5.9	7.4
North Dakota	—	30,907	-8.6	-9.3	0.8	-8.2	-1.3	-2.8	3.7
Ohio	—	40,141	3.3	-12.2	17.7	-4.7	-7.9	8.0	8.9
South Dakota	—	29,437	-10.2	-14.3	4.7	-6.1	-8.7	-0.5	5.2
Wisconsin	—	38,463	-1.5	-11.0	10.6	-2.9	-8.3	-0.2	10.8
<b>South</b>	—	—	—	—	—	—	—	—	—
Alabama	—	33,308	-3.3	-15.1	9.9	-4.2	-11.4	9.7	3.7
Arkansas	—	31,588	-3.5	-11.3	7.8	-2.6	-8.9	6.0	2.6
Delaware	—	40,682	3.4	-10.3	15.7	-3.6	-7.0	2.5	12.4
District of Columbia	—	44,708	4.2	-12.9	19.6	-7.3	-6.0	4.1	14.9
Florida	—	38,027	4.1	-12.9	19.6	2.0	-14.7	6.7	12.1
Georgia	—	36,261	-5.0	-17.1	14.6	-10.2	-7.7	6.7	7.4
Kentucky	—	32,714	-10.6	-17.1	7.8	-7.4	-10.4	2.3	5.4
Louisiana	—	33,275	-7.8	-12.3	5.1	-8.9	-3.8	3.6	1.5
Maryland	—	41,877	4.2	-12.7	19.4	-4.8	-8.4	4.7	14.0
Mississippi	—	30,595	-4.0	-12.4	9.5	-5.5	-7.2	1.7	7.6
North Carolina	—	37,207	-1.4	-18.3	20.8	-5.9	-13.2	5.2	14.8
Oklahoma	—	34,508	-4.2	-13.8	11.2	-10.4	-3.8	6.2	4.7
South Carolina	—	34,017	-4.5	-14.7	12.0	-7.2	-8.1	4.9	6.7
Tennessee	—	36,126	0.1	-12.0	13.7	-3.2	-9.0	4.6	8.6
Texas	—	37,615	-1.5	-15.4	16.4	-9.1	-6.9	10.3	5.6
Virginia	—	40,984	10.2	-15.1	29.8	-6.8	-8.8	6.0	22.4
West Virginia	—	29,758	-13.2	-14.1	1.1	-6.3	-8.3	-1.6	2.7
<b>West</b>	—	—	—	—	—	—	—	—	—
Alaska	—	44,789	0.6	6.9	-5.9	-4.7	12.2	4.0	-9.5
Arizona	—	40,903	-1.1	-6.2	5.5	-2.0	-4.3	-0.8	6.3
California	—	46,476	4.4	-5.5	10.5	-0.1	-5.4	3.7	6.5
Colorado	—	38,450	-3.8	-15.9	14.5	-9.3	-7.3	3.1	11.0
Hawaii	—	39,917	-9.4	-16.6	8.7	-13.3	-3.8	-6.6	16.4
Idaho	—	32,118	-7.2	-8.4	1.3	-1.6	-6.9	2.1	-0.7
Montana	—	29,780	-19.3	-14.9	-5.2	-9.5	-5.9	2.6	-7.6
Nevada	—	39,414	20.2	14.1	5.3	17.0	-2.4	-7.3	13.7
New Mexico	—	34,661	-10.5	-12.2	1.9	-7.3	-5.3	0.4	1.4
Oregon	—	34,342	-13.4	-15.5	2.5	-9.8	-6.2	-3.8	6.5
Utah	—	38,319	-2.7	-11.9	10.4	-8.6	-3.6	2.2	8.0
Washington	—	36,675	-10.9	-14.4	4.0	-10.6	-4.2	-2.7	6.9
Wyoming	—	34,438	-11.1	-6.1	-5.3	-9.8	4.1	1.5	-6.7
<b>U.S. Service Schools</b>	—	42,924	-19.2	-7.7	-12.5	-1.5	-6.2	-6.4	-6.6
<b>Outlying Areas</b>	—	22,364	-33.5	-20.5	-16.3	-7.5	-14.1	-4.0	-12.8
American Samoa	—	20,694	—	—	11.1	—	-10.1	6.3	4.6
Guam	—	36,263	—	—	18.8	—	-11.6	-6.3	26.8
Northern Marianas	—	—	—	—	—	—	—	—	—
Puerto Rico	—	19,961	-40.5	-20.8	-24.9	-8.0	-13.9	-4.6	-21.3
Trust Territories	—	—	—	—	—	—	—	—	—
Virgin Islands	—	40,888	15.1	-18.5	41.2	-1.2	-17.5	1.3	39.4

Chart 28a.—Percentage change in average salary for faculty in institutions of higher education, by state: 1970-71 to 1989-90 (in constant 1989-90 dollars)

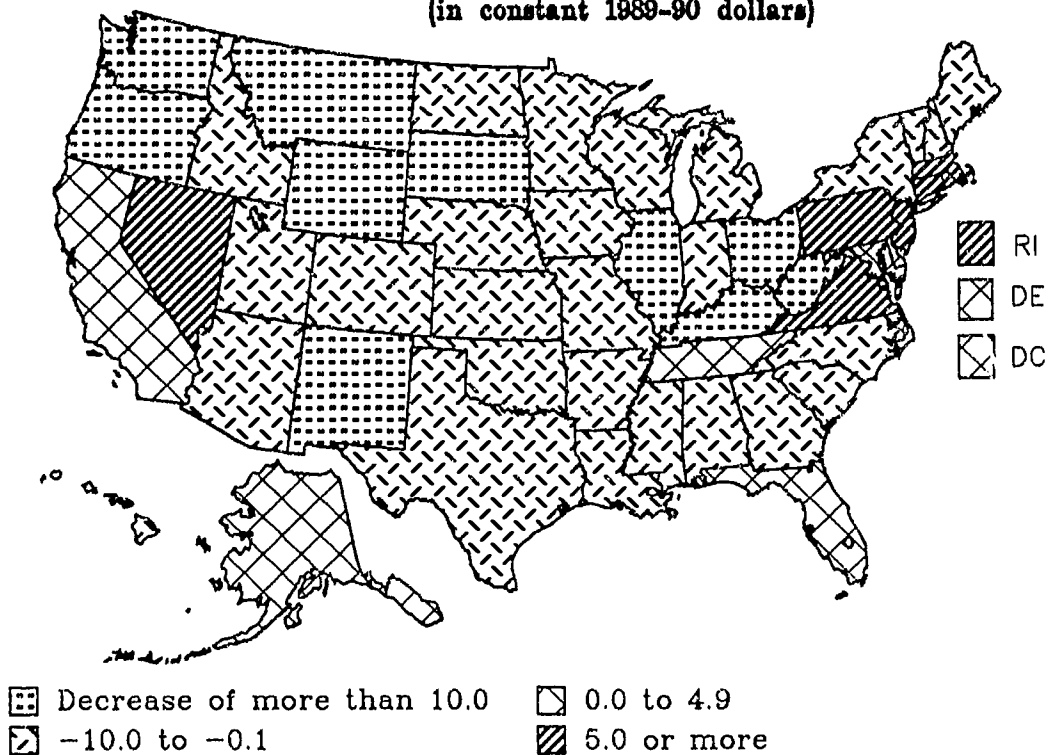
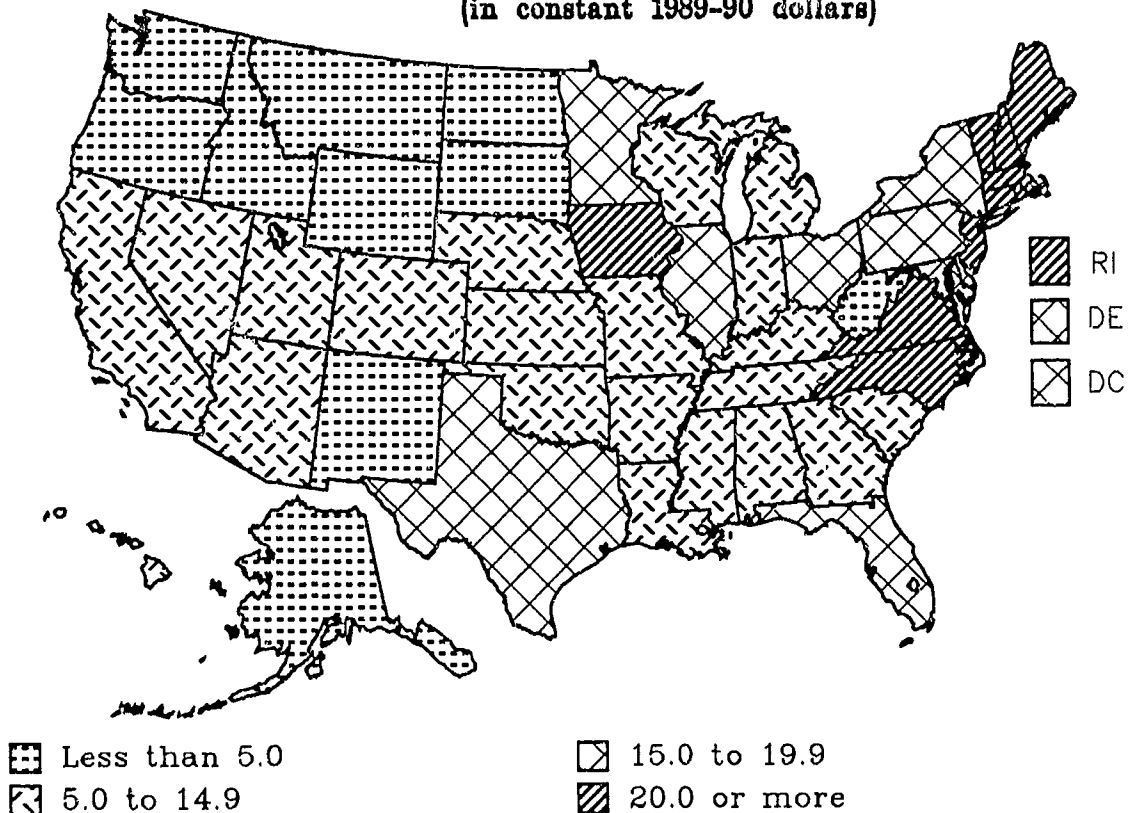


Chart 28b.—Percentage change in average salary for faculty in institutions of higher education, by state: 1979-80 to 1989-90 (in constant 1989-90 dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Salaries and Tenure of Full-Time Instructional Faculty surveys; and IPEDS, Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty surveys.

**Table 29.—Associate degrees conferred by institutions of higher education, by region and state:  
1972-73 to 1988-89**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b> .....	—	—	—	316,174	343,924	360,171	391,454	406,377	412,246
<b>Northeast</b> .....	—	—	—	76,066	86,505	91,104	97,674	101,452	101,630
Connecticut .....	—	—	—	4,035	4,670	4,785	4,974	5,263	5,400
Maine .....	—	—	—	1,013	1,221	1,291	1,475	1,690	1,792
Massachusetts .....	—	—	—	11,261	12,425	13,448	15,554	16,362	16,351
New Hampshire .....	—	—	—	947	1,344	1,350	1,938	1,730	1,949
New Jersey .....	—	—	—	7,419	8,652	9,136	9,755	10,421	10,647
New York .....	—	—	—	37,872	43,973	46,098	47,408	48,572	47,527
Pennsylvania .....	—	—	—	11,127	11,550	11,642	12,170	12,908	13,816
Rhode Island .....	—	—	—	1,499	1,602	2,137	3,089	3,214	2,842
Vermont .....	—	—	—	893	1,068	1,217	1,311	1,292	1,306
<b>Midwest</b> .....	—	—	—	69,260	75,608	79,959	84,990	89,736	92,005
Illinois .....	—	—	—	17,405	18,846	19,513	19,880	20,930	20,889
Indiana .....	—	—	—	3,322	3,684	4,094	4,532	5,085	5,590
Iowa .....	—	—	—	4,044	4,109	4,210	4,550	4,647	4,711
Kansas .....	—	—	—	3,901	4,016	4,135	4,047	4,271	4,270
Michigan .....	—	—	—	13,730	15,273	16,223	16,482	17,624	17,890
Minnesota .....	—	—	—	5,310	5,590	5,432	5,559	5,699	5,995
Missouri .....	—	—	—	5,150	5,090	5,106	7,564	7,101	6,719
Nebraska .....	—	—	—	1,190	1,212	1,598	1,805	1,952	2,123
North Dakota .....	—	—	—	1,163	1,297	1,410	1,476	1,550	1,674
Ohio .....	—	—	—	9,506	11,489	12,385	12,493	13,548	14,319
South Dakota .....	—	—	—	497	551	621	743	955	1,055
Wisconsin .....	—	—	—	4,042	4,451	5,232	5,859	6,374	6,770
<b>South</b> .....	—	—	—	80,440	87,518	92,471	106,989	112,404	115,312
Alabama .....	—	—	—	3,191	3,161	3,425	4,831	5,191	5,600
Arkansas .....	—	—	—	781	993	1,130	1,148	1,410	1,636
Delaware .....	—	—	—	1,180	1,165	1,193	1,450	1,666	1,664
District of Columbia .....	—	—	—	887	892	980	928	1,040	814
Florida .....	—	—	—	24,242	24,395	26,398	28,812	28,089	28,236
Georgia .....	—	—	—	4,835	4,963	5,133	5,962	5,913	6,280
Kentucky .....	—	—	—	2,273	2,427	3,013	3,290	3,937	5,056
Louisiana .....	—	—	—	665	983	1,066	1,661	1,696	1,784
Maryland .....	—	—	—	5,130	6,626	4,610	7,781	8,028	8,156
Mississippi .....	—	—	—	3,720	3,745	3,666	3,919	4,054	3,941
North Carolina .....	—	—	—	7,490	7,876	8,232	9,926	11,022	11,392
Oklahoma .....	—	—	—	3,074	3,193	3,400	3,673	4,174	3,947
South Carolina .....	—	—	—	3,316	3,380	3,966	4,630	5,541	4,893
Tennessee .....	—	—	—	2,732	3,125	3,327	3,986	4,254	4,849
Texas .....	—	—	—	11,092	13,440	14,860	16,565	17,620	18,308
Virginia .....	—	—	—	4,443	5,651	6,382	6,474	6,812	6,715
West Virginia .....	—	—	—	1,389	1,503	1,690	1,953	1,957	2,041
<b>West</b> .....	—	—	—	90,408	94,293	96,637	101,801	102,455	101,049
Alaska .....	—	—	—	239	319	325	370	401	387
Arizona .....	—	—	—	3,199	3,802	4,179	5,149	5,304	5,238
California .....	—	—	—	66,223	67,703	68,835	70,355	70,176	66,762
Colorado .....	—	—	—	3,144	3,519	3,514	3,908	4,338	4,820
Hawaii .....	—	—	—	1,248	1,427	1,653	1,867	1,976	2,233
Idaho .....	—	—	—	1,224	1,355	1,518	1,534	1,616	1,483
Montana .....	—	—	—	368	404	369	513	451	488
Nevada .....	—	—	—	237	357	424	551	539	634
New Mexico .....	—	—	—	740	852	881	950	1,049	1,255
Oregon .....	—	—	—	3,161	3,269	3,233	3,807	4,008	4,330
Utah .....	—	—	—	1,624	1,720	2,081	1,975	2,003	2,175
Washington .....	—	—	—	8,317	8,907	8,879	10,083	9,836	10,343
Wyoming .....	—	—	—	684	659	726	739	758	901
<b>U.S. Service Schools</b> .....	—	—	—	—	—	—	—	330	2,250
<b>Outlying Areas</b> .....	—	—	—	1,908	3,056	2,593	3,708	3,306	4,421
American Samoa .....	—	—	—	23	58	68	73	87	87
Citram .....	—	—	—	39	47	46	73	64	78
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	—	1,846	2,951	2,479	3,562	3,155	4,256
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

—Data not available or not applicable.

**Table 29.—Associate degrees conferred by institutions of higher education, by region and state:  
1972-73 to 1988-89—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
402,702	400,910	416,377	434,526	449,836	452,416	454,712	446,047	437,137	435,085
98,689	97,916	102,950	104,984	108,304	110,797	109,315	107,191	103,887	101,632
5,329	5,289	5,381	5,287	5,714	5,995	5,763	5,268	4,842	4,781
1,758	1,825	1,731	1,987	2,029	2,035	2,223	2,084	2,030	2,069
15,160	14,638	14,632	15,155	15,042	15,072	14,781	14,352	13,617	13,047
1,642	1,761	1,980	2,348	2,623	2,477	2,685	2,491	2,372	2,377
9,619	9,889	9,834	9,927	10,231	10,374	10,126	9,869	9,534	9,379
48,140	47,405	48,679	48,595	49,607	50,865	50,006	49,694	47,956	46,888
13,073	13,005	16,278	17,175	18,532	19,159	19,032	18,612	18,586	18,283
2,782	2,956	3,150	3,161	3,385	3,588	3,461	3,642	3,827	3,659
1,186	1,148	1,285	1,249	1,141	1,232	1,238	1,179	1,128	1,149
92,088	91,449	98,159	104,712	111,637	115,207	115,603	113,118	113,501	110,481
20,119	19,965	21,213	21,333	22,013	22,771	23,492	24,590	23,913	24,720
5,318	5,578	6,932	7,710	9,170	9,223	9,266	8,723	8,681	8,949
4,740	5,127	5,603	6,200	6,917	6,831	6,780	7,076	7,236	7,013
4,480	4,453	4,564	5,024	4,826	5,331	5,263	5,012	5,374	4,759
18,547	18,312	18,938	20,351	21,918	22,702	22,859	21,384	21,834	19,249
5,740	6,257	6,590	7,043	6,774	6,921	6,942	6,443	7,654	7,591
6,658	5,983	6,344	6,644	6,981	7,106	7,207	6,791	6,545	6,711
2,148	2,244	2,331	2,531	2,813	2,986	2,883	2,805	2,918	2,546
1,716	1,621	1,695	1,711	1,730	1,734	1,755	1,941	1,980	1,886
14,311	14,214	15,455	17,112	18,236	18,878	18,940	18,351	17,850	17,656
1,214	1,170	1,272	1,279	1,331	1,369	1,045	1,081	793	831
7,097	6,525	7,222	7,774	8,928	9,355	9,171	8,921	8,723	8,570
114,232	115,096	116,273	123,483	127,388	126,253	128,702	127,341	122,231	125,143
4,954	5,146	4,839	5,036	4,788	5,067	6,012	6,107	6,123	5,974
1,599	1,766	1,785	1,935	2,360	2,064	2,119	1,990	2,263	2,412
1,351	1,209	1,195	1,340	1,302	1,291	1,196	1,175	1,153	1,131
695	477	639	574	496	495	629	461	369	391
29,925	29,842	31,503	35,190	35,526	32,589	32,767	33,401	29,524	30,666
5,930	5,663	5,978	6,633	6,496	6,618	6,390	6,521	6,732	6,653
4,539	4,756	4,818	5,283	5,338	5,720	6,122	5,713	5,196	4,915
1,851	1,944	2,066	2,215	2,258	2,328	2,645	2,650	2,603	2,532
7,223	6,952	6,778	7,157	7,020	7,345	7,314	7,038	7,129	7,061
4,039	4,327	4,190	4,448	4,764	4,624	4,472	4,316	4,332	4,448
11,088	10,909	10,608	10,934	10,895	11,308	11,053	10,854	10,659	10,333
3,795	3,850	3,947	4,096	4,163	4,277	4,442	5,607	5,338	5,341
5,473	6,194	5,501	5,385	5,880	5,831	5,245	5,114	4,766	4,776
5,627	5,379	5,659	6,273	6,736	6,470	6,513	5,937	5,568	5,906
17,364	18,043	17,626	17,751	19,228	20,248	21,521	20,865	20,816	21,993
6,675	6,460	6,755	6,856	7,604	7,451	7,381	6,801	7,037	8,192
2,104	2,179	2,386	2,377	2,534	2,527	2,881	2,791	2,563	2,419
94,360	92,730	94,976	96,988	97,487	95,139	94,588	89,151	88,334	89,120
388	453	512	586	676	582	611	686	742	661
5,357	4,834	5,180	5,450	6,156	5,702	5,797	6,657	5,911	5,466
60,057	58,892	59,490	59,246	57,251	54,647	55,181	47,467	46,483	47,503
4,652	4,450	4,483	4,616	5,301	5,271	5,235	5,282	5,756	5,825
2,331	2,159	2,140	2,319	2,444	2,504	2,314	2,423	2,350	2,309
1,818	1,911	2,015	2,002	2,491	2,579	2,423	2,291	2,297	2,600
464	425	534	697	681	711	719	663	734	714
716	582	641	778	911	1,074	927	936	884	857
1,259	1,386	1,347	1,478	1,672	1,882	1,743	1,779	1,766	1,760
4,180	4,076	4,309	4,784	5,229	5,184	5,157	4,872	4,673	4,823
2,184	2,182	2,390	2,481	3,156	2,955	2,897	2,941	3,151	3,552
10,095	10,586	11,097	11,600	10,469	10,860	10,421	11,841	12,278	11,664
859	794	836	951	1,050	1,188	1,163	1,313	1,309	1,386
3,333	3,719	4,019	4,359	5,020	5,020	6,504	9,246	9,184	8,709
4,524	4,657	4,533	5,474	5,674	5,611	4,375	5,211	4,690	5,556
51	82	97	71	106	125	125	84	84	—
60	34	18	37	54	65	51	66	67	64
—	—	—	—	—	14	28	27	15	23
4,413	4,541	4,298	5,129	5,275	5,306	4,006	4,925	4,350	5,324
—	—	68	189	189	54	87	47	92	71
—	—	52	48	50	47	78	62	82	74

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Degrees and Other Formal Awards Conferred" surveys; and Integrated Postsecondary Education Data System, "Completions" surveys.

**Table 29.—Associate degrees conferred by institutions of higher education, by region and state:  
1972-73 to 1988-89—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1972-73 to 1988-89	1972-73 to 1979-80	1979-80 to 1988-89	1972-73 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1988-89
<b>United States</b> .....	<b>435,210</b>	—	<b>37.6</b>	<b>26.8</b>	<b>8.6</b>	<b>13.9</b>	<b>11.3</b>	<b>13.4</b>	<b>-4.3</b>
<b>Northeast</b> .....	<b>98,361</b>	—	<b>29.3</b>	<b>28.7</b>	<b>0.5</b>	<b>19.8</b>	<b>7.5</b>	<b>11.6</b>	<b>-10.0</b>
Connecticut .....	4,703	—	16.6	31.1	-11.1	18.6	10.5	9.0	-18.4
Maine .....	1,884	—	86.0	80.2	3.2	27.4	41.4	21.8	-15.2
Massachusetts .....	13,016	—	15.6	30.0	-11.1	19.4	8.8	1.0	-11.9
New Hampshire .....	2,334	—	146.5	86.0	32.5	42.6	30.4	52.5	-13.1
New Jersey .....	9,337	—	25.9	33.3	-5.6	23.1	8.2	2.4	-7.8
New York .....	45,465	—	20.0	25.2	-4.1	21.7	2.8	5.5	-9.1
Pennsylvania .....	16,823	—	51.2	16.9	29.4	4.6	11.7	46.3	-11.6
Rhode Island .....	3,663	—	144.4	97.2	23.9	42.6	38.3	17.1	5.8
Vermont .....	1,136	—	27.2	28.6	-1.0	36.3	-5.7	7.8	-8.2
<b>Midwest</b> .....	<b>112,164</b>	—	<b>61.9</b>	<b>32.0</b>	<b>22.7</b>	<b>15.4</b>	<b>14.4</b>	<b>26.4</b>	<b>-3.0</b>
Illinois .....	23,141	—	33.0	14.7	15.9	12.1	2.3	17.7	-1.5
Indiana .....	8,902	—	168.0	67.9	59.6	23.2	36.2	66.1	-3.9
Iowa .....	8,145	—	101.4	26.8	58.9	4.1	21.8	32.2	20.1
Kansas .....	5,171	—	32.6	14.2	16.1	6.0	7.7	18.2	-1.7
Michigan .....	20,168	—	46.9	33.4	10.1	18.2	12.9	24.8	-11.8
Minnesota .....	6,947	—	30.8	17.8	11.0	2.3	15.2	10.9	0.1
Missouri .....	6,891	—	33.8	16.2	15.2	-0.9	17.2	20.5	-4.4
Nebraska .....	2,734	—	129.7	88.6	21.8	34.3	40.4	28.5	-5.2
North Dakota .....	1,797	—	54.5	39.4	10.9	21.2	15.0	8.3	2.4
Ohio .....	18,827	—	98.1	49.5	32.5	30.3	14.8	33.2	-0.6
South Dakota .....	783	—	57.5	135.4	-33.1	24.9	88.4	-10.7	-25.1
Wisconsin .....	8,658	—	114.2	61.4	32.7	29.4	24.7	40.6	-5.6
<b>South</b> .....	<b>127,745</b>	—	<b>58.8</b>	<b>43.1</b>	<b>11.0</b>	<b>15.0</b>	<b>24.5</b>	<b>11.8</b>	<b>-0.7</b>
Alabama .....	5,877	—	84.2	61.3	14.2	7.3	50.2	16.8	-2.2
Arkansas .....	2,432	—	211.4	126.1	37.7	44.7	56.3	20.0	14.8
Delaware .....	1,138	—	-3.6	2.5	-5.9	1.1	1.3	-1.1	-4.8
District of Columbia .....	407	—	-54.1	-46.2	-14.7	10.5	-51.3	31.9	-35.3
Florida .....	32,244	—	33.0	23.1	8.0	8.9	13.0	9.8	-1.6
Georgia .....	7,126	—	47.4	17.1	25.8	6.2	10.3	12.8	11.5
Kentucky .....	4,938	—	117.2	109.2	3.8	32.6	57.8	28.7	-19.3
Louisiana .....	2,542	—	282.3	192.3	30.8	60.3	82.4	36.1	-3.9
Maryland .....	6,938	—	35.2	35.5	-0.2	-10.1	50.8	5.2	-5.1
Mississippi .....	4,810	—	29.3	16.3	11.2	-1.5	18.0	3.4	7.6
North Carolina .....	9,894	—	32.1	45.6	-9.3	9.9	32.5	1.3	-10.5
Oklahoma .....	6,172	—	100.8	25.2	60.3	10.6	13.2	15.4	38.9
South Carolina .....	4,949	—	49.2	86.8	-20.1	19.6	56.2	-15.3	-5.6
Tennessee .....	5,605	—	105.2	96.9	4.2	21.8	61.7	21.1	-13.9
Texas .....	22,595	—	103.7	62.7	25.2	34.0	21.4	19.3	5.0
Virginia .....	7,438	—	67.4	45.4	15.1	43.6	1.2	14.3	0.8
West Virginia .....	2,640	—	90.1	56.9	21.2	21.7	28.9	32.2	-8.4
<b>West</b> .....	<b>90,528</b>	—	<b>0.1</b>	<b>2.6</b>	<b>-2.4</b>	<b>6.9</b>	<b>-4.0</b>	<b>2.0</b>	<b>-4.3</b>
Alaska .....	606	—	153.6	89.5	33.8	36.0	39.4	34.9	-0.8
Arizona .....	6,167	—	92.8	51.1	27.6	30.6	15.7	19.9	6.4
California .....	48,018	—	-27.5	-11.1	-18.5	3.9	-14.4	-6.3	-13.0
Colorado .....	5,943	—	89.0	41.5	33.6	11.8	26.6	17.6	13.5
Hawaii .....	2,120	—	69.9	73.0	-1.8	32.5	30.6	7.2	-8.4
Idaho .....	2,589	—	111.5	56.1	35.5	24.0	25.9	26.8	6.9
Montana .....	683	—	85.6	15.5	60.7	0.3	15.2	69.2	-5.0
Nevada .....	885	—	273.4	145.6	52.1	78.9	37.3	59.3	-4.5
New Mexico .....	1,698	—	129.5	87.3	22.5	19.1	57.3	25.8	-2.6
Oregon .....	4,456	—	41.0	28.9	9.3	2.9	25.3	26.5	-13.6
Utah .....	3,572	—	120.0	34.4	63.7	28.1	4.9	32.8	23.3
Washington .....	12,284	—	47.7	27.3	16.0	6.8	19.2	-1.6	17.9
Wyoming .....	1,507	—	120.3	16.1	89.8	6.1	9.4	46.5	29.6
<b>U.S. Service Schools</b> .....	<b>6,412</b>	—	—	—	<b>72.4</b>	—	—	<b>74.9</b>	<b>-1.4</b>
<b>Outlying Areas</b> .....	<b>4,846</b>	—	<b>154.0</b>	<b>144.1</b>	<b>4.1</b>	<b>35.9</b>	<b>79.6</b>	<b>-6.1</b>	<b>10.8</b>
American Samoa .....	89	—	287.0	256.5	8.5	195.7	20.6	52.4	-28.8
Guam .....	65	—	66.7	-12.8	91.2	17.9	-26.1	50.0	27.5
Northern Marianas .....	23	—	—	—	—	—	—	—	-17.9
Puerto Rico .....	4,587	—	148.5	146.0	1.0	34.3	83.2	-11.8	14.5
Trust Territories .....	26	—	—	—	—	—	—	—	-70.1
Virgin Islands .....	56	—	—	—	—	—	—	—	-28.2

Chart 29a.—Percentage change in associate degrees conferred by institutions of higher education, by state: 1972-73 to 1988-89

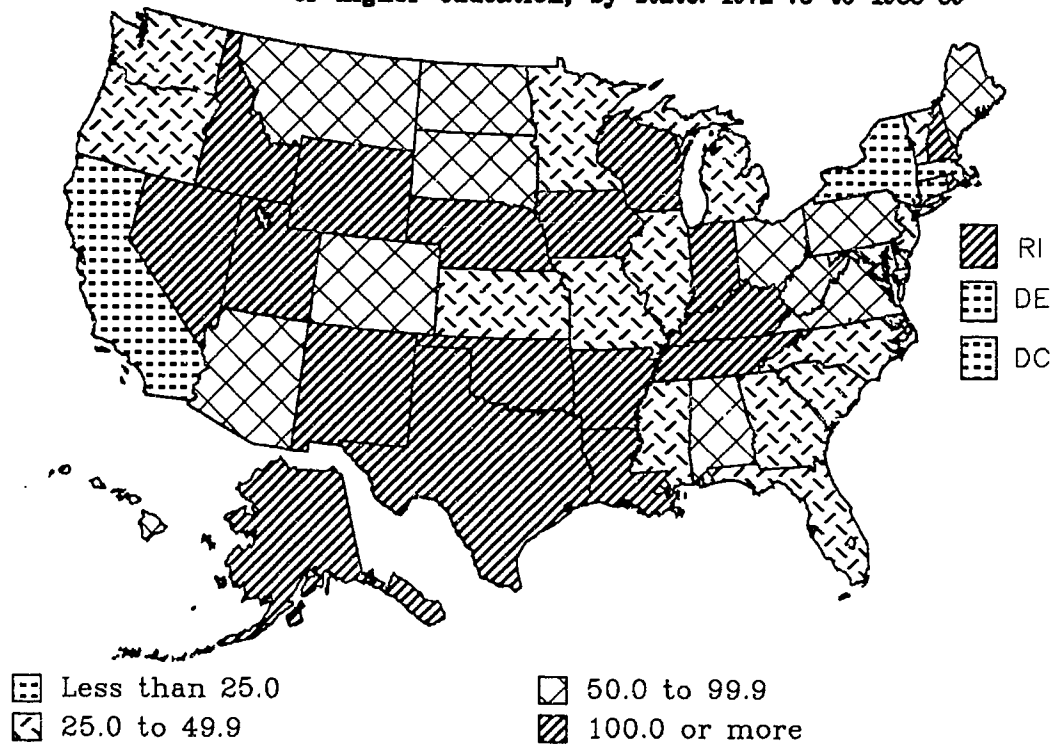
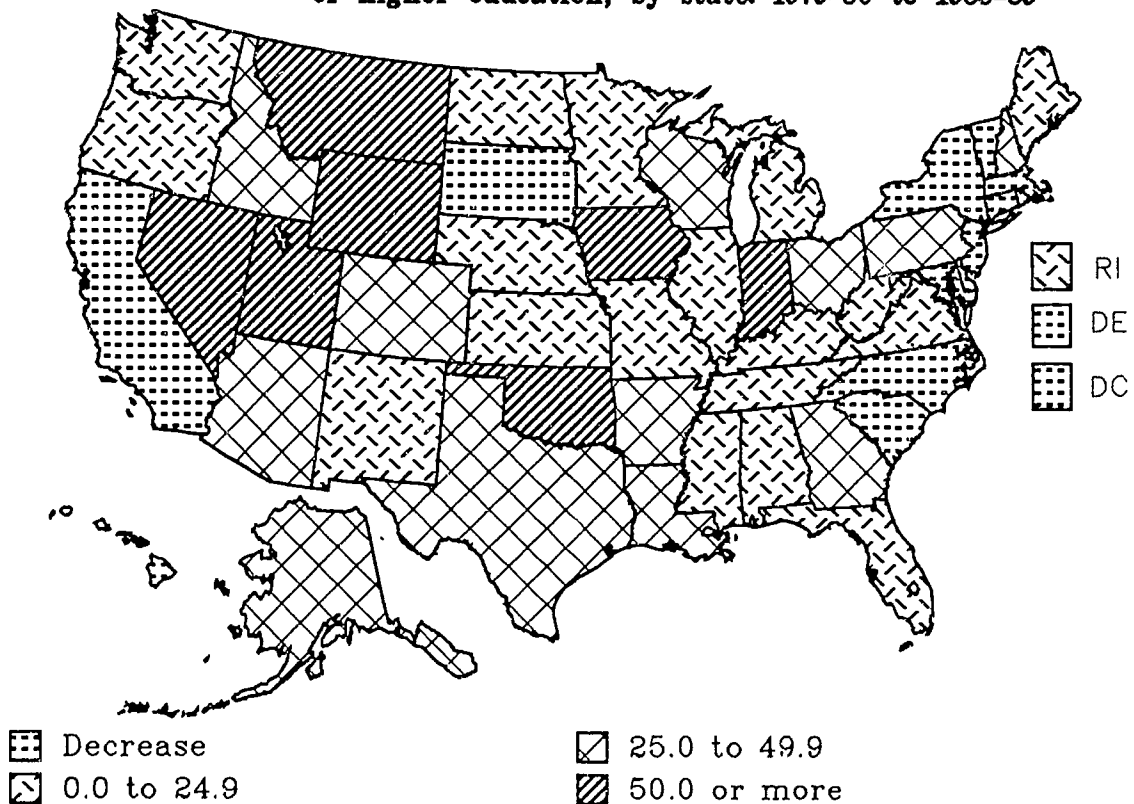


Chart 29b.—Percentage change in associate degrees conferred by institutions of higher education, by state: 1979-80 to 1988-89



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Degree and Other Formal Awards Conferred surveys; and IPEDS, Completions surveys.



**Table 30.—Bachelor's degrees conferred by institutions of higher education, by region and state:  
1969-70 to 1988-89**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States .....</b>	<b>792,316</b>	<b>839,730</b>	<b>887,273</b>	<b>922,362</b>	<b>945,776</b>	<b>922,933</b>	<b>925,743</b>	<b>919,549</b>	<b>921,204</b>
<b>Northeast .....</b>	<b>189,152</b>	<b>201,092</b>	<b>217,290</b>	<b>230,089</b>	<b>236,574</b>	<b>233,854</b>	<b>237,609</b>	<b>237,411</b>	<b>237,171</b>
Connecticut .....	10,918	11,499	12,565	13,617	14,257	13,647	13,628	13,396	13,433
Maine .....	4,118	4,482	4,390	4,602	4,757	4,690	4,716	4,600	4,679
Massachusetts .....	29,455	30,632	33,067	34,942	36,465	36,569	37,459	37,405	38,434
New Hampshire .....	4,180	4,328	4,701	4,925	5,259	5,023	5,254	5,300	6,177
New Jersey .....	18,007	19,690	22,194	23,760	24,812	25,188	25,812	25,534	25,086
New York .....	67,481	72,235	78,805	82,167	83,907	82,932	85,544	86,844	85,221
Pennsylvania .....	47,315	50,074	52,618	56,262	56,989	55,545	54,571	53,786	53,514
Rhode Island .....	4,793	5,107	5,605	6,261	6,307	6,479	6,495	6,545	6,859
Vermont .....	2,885	3,045	3,345	3,553	3,821	3,781	4,130	4,001	3,768
<b>Midwest .....</b>	<b>239,459</b>	<b>253,360</b>	<b>263,879</b>	<b>270,626</b>	<b>269,157</b>	<b>254,434</b>	<b>249,559</b>	<b>246,073</b>	<b>244,744</b>
Illinois .....	38,449	41,861	45,245	46,949	47,602	44,577	44,795	45,204	43,610
Indiana .....	22,188	23,642	24,215	26,164	25,621	24,480	24,080	23,794	23,607
Iowa .....	14,312	14,784	15,054	14,453	14,502	13,480	13,423	13,047	13,199
Kansas .....	12,161	12,360	12,811	12,896	12,638	12,198	11,598	11,834	11,621
Michigan .....	35,295	36,792	37,791	39,276	38,413	36,813	37,026	35,941	36,279
Minnesota .....	18,040	18,674	19,447	20,066	19,395	18,429	18,263	18,163	18,185
Missouri .....	18,347	19,533	20,279	21,457	21,751	21,222	21,265	21,501	21,659
Nebraska .....	9,417	9,876	9,564	9,496	9,146	8,381	7,744	7,478	7,657
North Dakota .....	3,867	4,017	3,963	4,028	4,007	3,627	3,541	3,367	3,436
Ohio .....	41,811	44,325	46,786	47,475	47,710	45,327	42,968	41,147	40,394
South Dakota .....	4,636	4,796	4,816	4,976	4,852	4,165	3,695	3,794	3,750
Wisconsin .....	20,936	22,700	23,908	23,390	23,520	21,735	21,161	20,803	21,347
<b>South .....</b>	<b>223,989</b>	<b>234,824</b>	<b>247,082</b>	<b>258,069</b>	<b>271,020</b>	<b>270,931</b>	<b>273,849</b>	<b>272,684</b>	<b>274,518</b>
Alabama .....	12,868	13,000	13,792	13,790	14,365	14,236	14,792	15,280	16,100
Arkansas .....	7,287	7,284	7,111	7,124	7,035	6,997	6,959	6,581	6,522
Delaware .....	1,533	1,602	2,103	2,417	2,551	2,776	2,808	3,016	2,997
District of Columbia .....	5,854	5,997	6,377	6,535	6,864	6,641	6,989	6,611	6,727
Florida .....	19,773	20,933	22,817	24,252	26,837	26,313	27,540	28,300	27,770
Georgia .....	13,911	15,117	15,913	16,032	16,921	16,759	16,791	16,377	16,351
Kentucky .....	12,018	12,459	12,309	12,716	12,539	12,000	11,819	11,337	11,226
Louisiana .....	13,617	14,051	14,259	15,228	15,975	16,061	15,969	15,370	15,307
Maryland .....	12,076	12,624	13,815	14,792	16,181	16,486	16,098	16,337	16,401
Mississippi .....	8,784	8,816	9,054	9,215	9,843	9,643	9,061	9,055	8,784
North Carolina .....	18,587	19,847	20,776	22,094	22,943	23,406	23,410	23,244	23,792
Oklahoma .....	12,012	12,488	13,164	13,457	13,873	13,494	13,328	12,778	12,744
South Carolina .....	7,835	8,039	8,715	9,525	10,378	10,796	11,136	11,168	11,343
Tennessee .....	15,916	16,575	17,211	17,723	17,985	17,623	17,807	17,806	17,801
Texas .....	40,178	43,329	45,856	47,889	49,399	50,231	51,439	51,699	52,306
Virginia .....	13,744	14,762	15,733	16,725	18,372	19,056	20,069	20,017	20,709
West Virginia .....	7,996	7,901	8,077	8,555	8,959	8,413	7,834	7,708	7,638
<b>West .....</b>	<b>136,889</b>	<b>147,567</b>	<b>155,847</b>	<b>160,319</b>	<b>165,865</b>	<b>160,693</b>	<b>161,585</b>	<b>160,612</b>	<b>161,362</b>
Alaska .....	315	369	520	508	638	610	475	423	357
Arizona .....	7,896	8,261	7,907	8,351	8,672	8,994	9,230	9,354	9,486
California .....	67,836	73,844	78,669	82,741	86,185	82,879	83,562	82,811	84,275
Colorado .....	11,923	12,401	13,432	13,536	14,041	14,073	14,176	14,208	14,480
Hawaii .....	2,612	3,051	3,472	3,546	3,860	3,924	3,628	3,783	3,765
Idaho .....	2,743	2,744	2,950	2,945	3,038	2,805	2,847	2,754	2,877
Montana .....	3,746	3,991	4,120	4,260	3,873	3,722	3,842	3,660	3,577
Nevada .....	1,006	1,253	1,346	1,382	1,393	1,428	1,490	1,370	1,543
New Mexico .....	4,081	4,327	4,765	5,031	5,245	4,751	5,078	4,742	4,672
Oregon .....	9,923	10,069	10,388	10,416	10,810	10,118	10,455	10,626	10,329
Utah .....	8,837	9,386	9,595	9,279	9,496	9,154	8,629	9,301	8,503
Washington .....	14,614	16,556	17,294	16,880	17,178	16,929	16,892	16,297	16,139
Wyoming .....	1,357	1,315	1,389	1,444	1,436	1,306	1,281	1,283	1,359
<b>U.S. Service Schools .....</b>	<b>2,827</b>	<b>2,887</b>	<b>3,175</b>	<b>3,259</b>	<b>3,160</b>	<b>3,021</b>	<b>3,141</b>	<b>2,769</b>	<b>3,409</b>
<b>Outlying Areas .....</b>	<b>5,754</b>	<b>6,373</b>	<b>6,829</b>	<b>7,905</b>	<b>8,593</b>	<b>8,724</b>	<b>8,686</b>	<b>8,671</b>	<b>8,994</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	79	97	157	134	190	169	249	192	180
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	5,646	6,228	6,601	7,691	8,303	8,478	8,355	8,399	8,741
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	29	48	71	80	100	77	82	80	73

—Data not available or not applicable.

Table 30.—Bachelor's degrees conferred by institutions of higher education, by region and state:  
1969-70 to 1988-89—Continued

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>921,390</b>	<b>929,417</b>	<b>935,140</b>	<b>952,998</b>	<b>969,510</b>	<b>974,309</b>	<b>979,477</b>	<b>987,823</b>	<b>991,339</b>	<b>994,829</b>
<b>236,497</b>	<b>237,495</b>	<b>236,883</b>	<b>242,224</b>	<b>244,187</b>	<b>243,753</b>	<b>245,256</b>	<b>245,248</b>	<b>245,900</b>	<b>248,315</b>
12,701	13,011	13,312	13,215	13,120	13,308	13,516	14,017	13,499	13,680
4,559	4,848	4,817	4,678	4,879	4,882	5,019	5,178	5,122	5,168
37,803	38,285	38,792	39,916	39,171	40,145	40,458	40,383	41,555	41,801
5,418	5,751	6,025	6,111	6,701	6,316	6,313	6,558	6,770	6,803
25,233	24,431	24,474	24,892	25,507	24,068	23,764	23,450	23,328	22,327
85,601	85,140	83,783	86,140	86,364	87,094	87,603	87,185	86,651	87,981
54,213	55,003	54,446	55,487	56,972	56,337	56,871	56,669	57,158	58,348
7,187	7,058	7,263	7,500	7,588	7,701	7,636	7,809	7,737	7,934
3,782	3,968	3,971	4,285	3,885	3,902	4,076	3,999	4,080	4,273
<b>246,786</b>	<b>249,372</b>	<b>253,890</b>	<b>258,778</b>	<b>264,558</b>	<b>266,126</b>	<b>266,014</b>	<b>267,130</b>	<b>270,225</b>	<b>271,125</b>
43,619	44,336	44,653	45,361	46,421	47,606	46,553	47,418	47,387	47,958
23,677	24,224	24,834	25,682	26,470	26,001	26,390	26,627	26,623	26,408
13,378	13,511	14,441	14,463	14,494	14,854	15,268	15,844	16,450	16,747
11,786	11,706	11,672	11,961	12,483	12,335	12,179	12,016	11,714	11,891
36,875	37,589	38,647	38,919	39,083	39,244	38,132	37,468	38,181	38,939
18,467	18,634	19,392	19,748	20,664	20,555	20,673	20,229	20,667	21,167
21,900	21,655	21,858	22,645	22,677	22,865	22,951	23,309	23,541	23,024
7,398	7,553	7,404	7,767	8,054	8,151	8,330	8,331	8,410	8,288
3,613	3,702	3,795	3,755	3,936	4,072	4,189	4,263	4,209	4,110
40,650	40,707	41,300	42,197	42,930	42,527	43,073	43,115	43,983	43,909
3,689	3,948	3,868	3,909	4,160	4,089	4,125	3,979	3,738	3,627
21,734	21,807	22,026	22,371	23,186	23,827	24,151	24,531	25,322	25,057
<b>275,608</b>	<b>278,066</b>	<b>280,347</b>	<b>280,955</b>	<b>286,591</b>	<b>287,922</b>	<b>291,489</b>	<b>297,180</b>	<b>294,686</b>	<b>296,051</b>
16,345	16,306	16,534	16,623	16,217	15,909	16,334	16,068	15,981	16,270
6,708	6,965	6,955	7,243	7,282	7,431	7,153	7,283	7,036	7,017
3,053	3,276	3,194	3,224	3,281	3,324	3,137	3,198	3,246	3,527
6,833	6,532	6,807	6,785	6,914	6,774	7,093	6,875	6,711	6,933
28,523	28,629	29,988	28,556	31,184	30,102	31,289	32,056	31,430	32,406
16,135	16,579	17,014	17,325	17,858	17,668	18,301	18,734	19,103	19,481
11,220	11,491	11,509	11,586	11,591	11,717	11,572	11,773	11,708	12,074
14,765	14,774	14,821	15,313	15,533	16,020	16,070	16,535	16,221	16,367
15,550	15,698	15,859	16,111	16,056	15,840	15,690	16,582	16,760	17,334
8,687	8,805	8,982	8,577	9,020	8,987	8,644	8,911	9,173	8,486
23,640	23,689	23,712	24,113	24,448	25,225	25,008	25,125	24,919	25,688
12,855	12,741	12,818	12,419	12,404	12,598	13,287	13,498	13,545	13,173
11,406	11,924	11,358	11,590	12,289	12,387	12,422	12,814	12,559	12,136
17,599	17,894	17,409	17,685	17,039	17,291	17,129	17,512	17,328	17,175
53,656	53,604	53,589	53,562	54,895	55,277	56,505	57,963	57,438	55,575
21,251	21,736	22,078	22,778	23,090	23,696	23,958	24,391	24,010	25,149
7,382	7,423	7,720	7,465	7,490	7,676	7,897	7,862	7,518	7,260
<b>159,268</b>	<b>161,321</b>	<b>160,751</b>	<b>167,791</b>	<b>170,712</b>	<b>172,682</b>	<b>172,925</b>	<b>174,574</b>	<b>177,160</b>	<b>175,884</b>
370	419	465	535	671	685	820	786	898	927
9,905	10,187	10,826	11,279	11,797	11,370	12,236	11,987	12,287	12,348
82,608	83,095	81,848	84,376	85,358	87,683	87,397	88,615	90,005	88,553
13,864	14,128	14,677	15,226	15,175	14,886	14,921	15,095	15,218	15,144
3,362	3,311	3,312	3,349	3,392	3,527	3,447	3,539	3,701	3,724
2,694	2,907	2,759	2,883	3,133	3,086	2,986	3,086	3,035	3,043
3,812	3,880	3,815	3,963	4,065	4,194	4,324	4,356	4,140	4,170
1,391	1,423	1,477	1,532	1,799	1,949	1,962	1,943	1,929	1,943
4,652	4,768	4,585	4,562	4,547	4,467	4,674	4,725	4,548	4,778
10,014	10,448	9,783	10,946	11,394	11,104	10,842	10,938	10,922	11,251
9,254	9,207	9,236	9,653	9,861	10,259	10,159	10,516	11,085	10,820
16,053	16,216	16,648	18,159	18,139	17,985	17,549	17,331	17,767	17,552
1,289	1,332	1,320	1,328	1,381	1,487	1,608	1,657	1,625	1,631
<b>3,231</b>	<b>3,163</b>	<b>3,269</b>	<b>3,250</b>	<b>3,462</b>	<b>3,826</b>	<b>3,793</b>	<b>3,691</b>	<b>3,368</b>	<b>3,454</b>
<b>9,944</b>	<b>10,834</b>	<b>11,737</b>	<b>11,045</b>	<b>11,169</b>	<b>12,036</b>	<b>11,400</b>	<b>12,381</b>	<b>12,268</b>	<b>12,671</b>
—	—	—	—	—	—	—	—	—	—
183	191	163	183	181	177	205	175	171	227
—	—	—	—	—	—	—	—	—	—
9,689	10,560	11,492	10,777	10,871	11,737	11,058	12,108	11,952	12,298
—	—	—	—	—	—	—	—	—	—
72	83	82	85	117	122	137	98	145	146

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Degrees and Other Formal Awards Conferred" surveys; and Integrated Postsecondary Education Data System, "Completions" surveys.

**Table 30.—Bachelor's degrees conferred by institutions of higher education, by region and state:**  
**1969-70 to 1988-89—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1988-89	1969-70 to 1979-80	1979-80 to 1988-89	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1988-89
<b>United States</b> .....	<b>1,017,667</b>	—	<b>28.4</b>	<b>17.3</b>	<b>9.5</b>	<b>16.5</b>	<b>0.7</b>	<b>5.4</b>	<b>3.9</b>
<b>Northeast</b> .....	<b>250,188</b>	—	<b>32.3</b>	<b>25.6</b>	<b>5.3</b>	<b>23.6</b>	<b>1.6</b>	<b>3.3</b>	<b>2.0</b>
Connecticut .....	13,525	—	23.9	19.2	4.0	25.0	-4.7	3.9	0.1
Maine .....	5,173	—	25.6	17.7	6.7	13.9	3.4	3.5	3.1
Massachusetts .....	42,500	—	44.3	30.0	11.0	24.2	4.7	5.7	5.0
New Hampshire .....	6,797	—	62.6	37.6	18.2	20.2	14.5	9.8	7.7
New Jersey .....	22,898	—	27.2	35.7	-6.3	39.9	-3.0	-2.7	-3.6
New York .....	87,719	—	30.0	26.2	3.0	22.9	2.7	2.9	0.1
Pennsylvania .....	58,890	—	24.5	16.2	7.1	17.4	-1.0	3.4	3.6
Rhode Island .....	8,493	—	77.2	47.3	20.3	35.2	8.9	8.2	11.2
Vermont .....	4,193	—	45.3	37.5	5.7	31.1	4.9	2.7	2.9
<b>Midwest</b> .....	<b>278,291</b>	—	<b>16.2</b>	<b>4.1</b>	<b>11.6</b>	<b>6.3</b>	<b>-2.0</b>	<b>6.7</b>	<b>4.6</b>
Illinois .....	48,865	—	27.1	15.3	10.2	15.9	-0.5	5.0	5.0
Indiana .....	26,874	—	21.1	9.2	10.9	10.3	-1.0	8.9	1.8
Iowa .....	16,859	—	17.8	-5.6	24.8	-5.8	0.2	13.0	10.4
Kansas .....	12,189	—	0.2	-3.7	4.1	0.3	-4.0	4.0	0.1
Michigan .....	40,767	—	15.5	6.5	8.5	4.3	2.1	1.4	6.9
Minnesota .....	21,901	—	21.4	3.3	17.5	2.2	1.1	10.9	5.9
Missouri .....	23,700	—	29.2	18.0	9.4	15.7	2.0	6.0	3.3
Nebraska .....	8,406	—	-10.7	-19.8	11.3	-11.0	-9.9	10.3	0.9
North Dakota .....	4,287	—	10.9	-4.3	15.8	-6.2	2.1	13.2	2.3
Ohio .....	45,141	—	8.0	-2.6	10.9	8.4	-10.2	5.8	4.8
South Dakota .....	3,698	—	-20.2	-14.8	-6.3	-10.2	-5.2	4.5	-10.4
Wisconsin .....	25,604	—	22.3	4.2	17.4	3.8	0.3	10.7	6.0
<b>South</b> .....	<b>304,101</b>	—	<b>35.8</b>	<b>24.1</b>	<b>9.4</b>	<b>21.0</b>	<b>2.6</b>	<b>4.8</b>	<b>4.3</b>
Alabama .....	16,508	—	28.3	26.7	1.2	10.6	14.5	0.2	1.1
Arkansas .....	7,300	—	0.2	-4.4	4.8	-4.0	-0.5	2.7	2.1
Delaware .....	3,414	—	122.7	113.7	4.2	81.1	18.0	-4.2	8.8
District of Columbia .....	7,482	—	27.8	11.6	14.5	13.4	-1.6	8.6	5.5
Florida .....	34,244	—	73.2	44.8	19.6	33.1	8.8	9.3	9.4
Georgia .....	19,883	—	42.9	19.2	19.9	20.5	-1.1	10.4	8.6
Kentucky .....	12,337	—	2.7	-4.4	7.4	-0.1	-4.2	0.7	6.6
Louisiana .....	16,210	—	19.0	8.5	9.7	17.9	-8.0	8.8	0.9
Maryland .....	17,928	—	48.5	30.0	14.2	36.5	-4.8	-0.1	14.3
Mississippi .....	8,227	—	-6.3	0.2	-6.6	9.8	-8.7	-1.8	-4.8
North Carolina .....	26,981	—	45.2	27.4	13.9	25.9	1.2	5.6	7.9
Oklahoma .....	13,617	—	13.4	6.1	6.9	12.3	-5.6	4.3	2.5
South Carolina .....	12,524	—	59.8	52.2	5.0	37.8	10.4	4.2	0.8
Tennessee .....	17,398	—	9.3	12.4	-2.8	10.7	1.5	-4.3	1.6
Texas .....	56,987	—	41.8	33.4	6.3	25.0	6.7	5.4	0.9
Virginia .....	26,028	—	89.4	58.1	19.7	38.6	14.1	10.2	8.6
West Virginia .....	7,033	—	-12.0	-7.2	-5.3	5.2	-11.8	6.4	-10.9
<b>West</b> .....	<b>181,631</b>	—	<b>32.7</b>	<b>17.8</b>	<b>12.6</b>	<b>17.4</b>	<b>0.4</b>	<b>7.2</b>	<b>5.0</b>
Alaska .....	1,011	—	221.0	33.0	141.3	93.7	-31.3	95.7	23.3
Arizona .....	13,767	—	74.4	29.0	35.1	13.9	13.3	20.1	12.5
California .....	91,508	—	34.9	22.5	10.1	22.2	0.3	5.2	4.7
Colorado .....	15,561	—	30.5	18.5	10.1	18.0	0.4	5.6	4.3
Hawaii .....	3,628	—	38.9	26.8	9.6	50.2	-15.6	4.1	5.3
Idaho .....	3,017	—	10.0	6.0	3.8	2.3	3.6	2.7	1.0
Montana .....	3,887	—	3.8	3.6	0.2	-0.6	4.2	11.4	-10.1
Nevada .....	2,023	—	101.1	41.5	42.2	41.9	-0.4	37.9	3.1
New Mexico .....	4,959	—	21.5	16.8	4.0	16.4	0.4	-2.0	6.1
Oregon .....	11,823	—	19.1	5.3	13.2	2.0	3.3	3.8	9.0
Utah .....	10,682	—	20.9	4.2	16.0	3.6	0.6	10.3	5.1
Washington .....	18,118	—	24.0	11.0	11.7	15.8	-4.2	8.2	3.2
Wyoming .....	1,647	—	21.4	-1.8	23.6	-3.8	2.0	20.7	2.4
<b>U.S. Service Schools</b> .....	<b>3,456</b>	—	<b>22.2</b>	<b>11.9</b>	<b>9.3</b>	<b>6.9</b>	<b>4.7</b>	<b>19.9</b>	<b>-8.9</b>
<b>Outlying Areas</b> .....	<b>12,504</b>	—	<b>117.3</b>	<b>88.3</b>	<b>15.4</b>	<b>51.6</b>	<b>24.2</b>	<b>5.2</b>	<b>9.7</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	186	—	135.4	141.8	-2.6	113.9	13.0	7.3	-9.3
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	12,200	—	116.1	87.0	15.5	50.2	24.6	4.7	10.3
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	118	—	306.9	186.2	42.2	165.5	7.8	65.1	-13.9

Chart 30a.—Percentage change in bachelor's degrees conferred by institutions of higher education, by state: 1969-70 to 1988-89

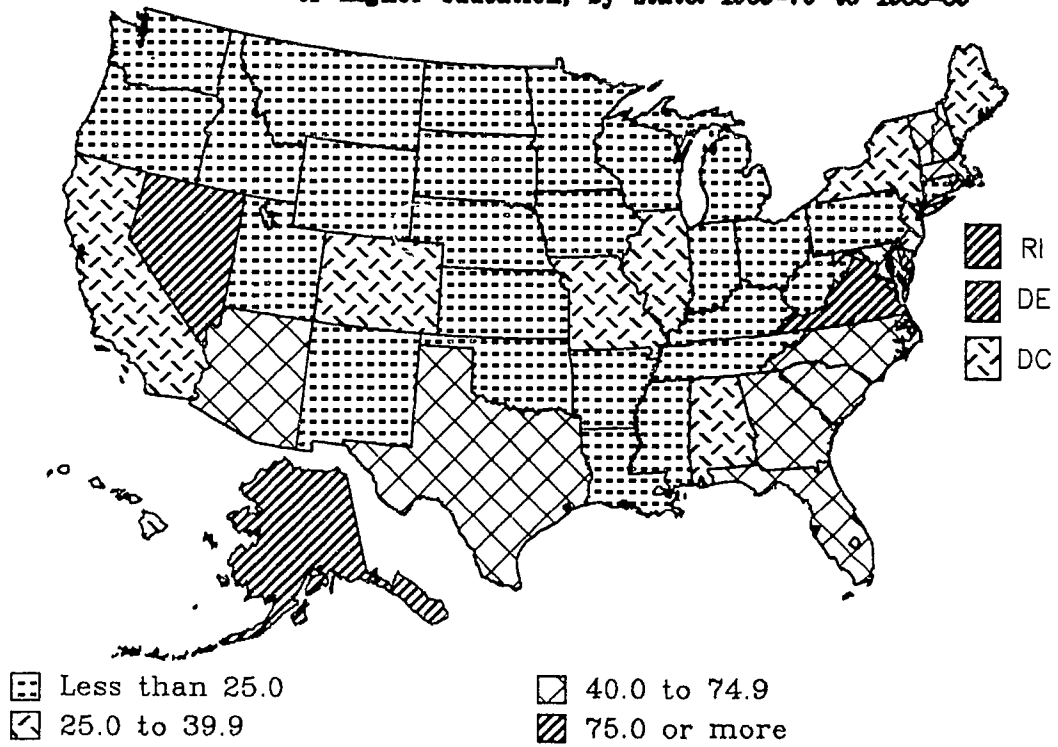
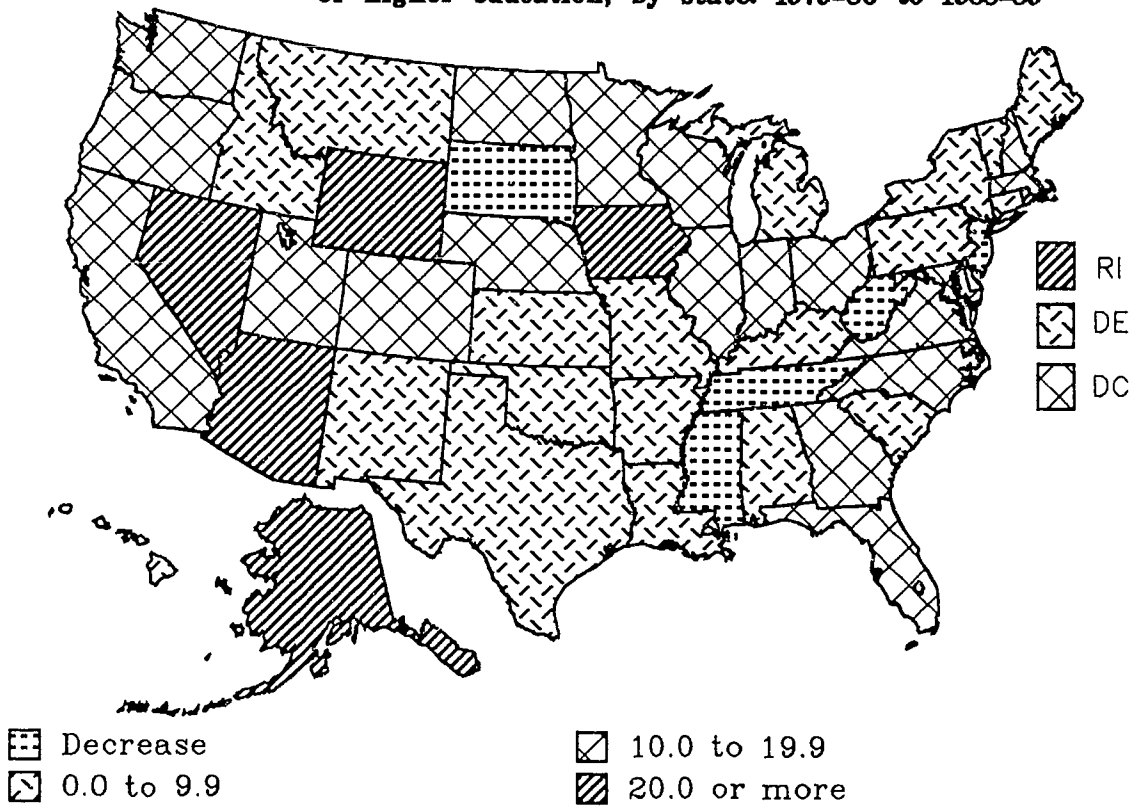


Chart 30b.—Percentage change in bachelor's degrees conferred by institutions of higher education, by state: 1979-80 to 1988-89



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Degrees and Other Formal Awards Conferred surveys; and IPEDS, Completions surveys.

**Table 31.—Master's degrees conferred by institutions of higher education, by region and state:  
1969-70 to 1988-89**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States .....</b>	<b>208,291</b>	<b>230,509</b>	<b>251,633</b>	<b>263,371</b>	<b>277,033</b>	<b>292,450</b>	<b>311,771</b>	<b>317,164</b>	<b>311,620</b>
<b>Northeast .....</b>	<b>60,535</b>	<b>67,079</b>	<b>74,941</b>	<b>78,856</b>	<b>81,804</b>	<b>85,506</b>	<b>87,404</b>	<b>85,756</b>	<b>81,679</b>
Connecticut .....	3,960	4,352	4,863	5,402	5,999	5,863	6,403	6,316	6,019
Maine .....	595	746	710	610	728	736	695	666	565
Massachusetts .....	10,811	11,236	12,166	13,033	12,797	13,887	14,079	14,633	14,546
New Hampshire .....	565	598	623	714	751	721	797	853	1,001
New Jersey .....	5,048	5,694	6,835	6,685	7,666	8,163	8,108	8,560	7,992
New York .....	26,811	29,971	33,301	36,011	36,686	38,688	40,012	37,752	35,086
Pennsylvania .....	11,055	12,434	14,096	13,674	14,405	14,515	14,327	13,983	13,701
Rhode Island .....	1,072	1,304	1,494	1,823	1,758	1,787	1,737	1,885	1,588
Vermont .....	618	704	853	904	1,014	1,146	1,246	1,108	1,181
<b>Midwest .....</b>	<b>61,736</b>	<b>67,447</b>	<b>71,150</b>	<b>71,805</b>	<b>73,943</b>	<b>76,460</b>	<b>80,272</b>	<b>83,392</b>	<b>81,301</b>
Illinois .....	12,712	13,767	14,906	15,042	16,040	16,611	17,735	17,923	17,423
Indiana .....	8,105	8,632	9,263	9,851	10,155	10,046	9,697	9,802	9,472
Iowa .....	2,244	2,666	2,606	2,476	2,413	2,377	2,411	2,624	2,470
Kansas .....	2,883	2,849	3,027	3,080	3,133	3,046	3,272	3,542	3,645
Michigan .....	12,043	13,261	13,649	13,503	13,817	14,887	16,005	16,098	15,558
Minnesota .....	2,582	2,781	2,904	2,668	2,786	2,918	2,941	3,509	3,554
Missouri .....	5,308	6,009	6,101	6,025	6,229	6,700	7,534	8,285	8,147
Nebraska .....	1,247	1,374	1,548	1,547	1,521	1,517	1,552	1,771	1,816
North Dakota .....	703	665	709	575	580	466	453	516	488
Ohio .....	8,761	9,762	10,660	11,037	11,212	11,811	12,240	12,884	12,631
South Dakota .....	899	866	897	780	738	695	720	777	659
Wisconsin .....	4,249	4,815	4,880	5,221	5,319	5,386	5,712	5,661	5,438
<b>South .....</b>	<b>47,803</b>	<b>54,179</b>	<b>61,161</b>	<b>67,621</b>	<b>73,662</b>	<b>80,111</b>	<b>88,688</b>	<b>91,542</b>	<b>91,794</b>
Alabama .....	2,344	2,561	3,261	3,814	4,262	5,180	6,116	5,757	6,139
Arkansas .....	1,159	1,185	1,282	1,307	1,234	1,408	1,640	1,800	1,772
Delaware .....	364	472	511	491	464	485	459	362	495
District of Columbia .....	4,077	4,632	4,683	5,338	5,027	5,070	5,046	5,513	5,702
Florida .....	4,327	5,069	5,799	6,010	6,530	7,258	8,227	8,535	8,990
Georgia .....	3,278	4,541	4,911	5,751	6,819	7,360	8,168	8,233	7,539
Kentucky .....	2,560	2,765	3,424	3,636	4,231	4,517	4,877	4,900	4,976
Louisiana .....	3,086	3,343	3,699	4,204	4,235	4,326	4,339	4,442	4,458
Maryland .....	3,012	3,244	3,678	4,119	4,294	5,059	5,379	5,456	5,366
Mississippi .....	1,433	1,656	1,873	2,166	2,465	2,850	3,299	3,665	3,518
North Carolina .....	3,216	3,445	3,909	4,215	4,530	4,480	4,957	5,596	5,740
Oklahoma .....	2,892	2,898	3,228	3,278	3,758	3,850	4,082	4,030	3,885
South Carolina .....	769	1,002	1,398	1,791	2,402	3,116	3,737	3,810	3,559
Tennessee .....	3,054	3,236	3,829	4,280	4,621	4,719	5,310	5,300	4,958
Texas .....	8,489	9,603	10,583	11,535	12,712	13,803	15,549	16,738	16,774
Virginia .....	2,564	3,174	3,600	3,990	4,303	4,661	5,284	5,346	5,669
West Virginia .....	1,179	1,265	1,493	1,696	1,775	1,969	2,219	2,159	2,254
<b>West .....</b>	<b>37,324</b>	<b>40,886</b>	<b>43,343</b>	<b>44,056</b>	<b>46,722</b>	<b>49,397</b>	<b>54,557</b>	<b>55,432</b>	<b>55,915</b>
Alaska .....	174	231	258	250	211	243	211	195	160
Arizona .....	2,825	3,155	3,550	3,530	3,678	3,866	4,278	4,327	4,097
California .....	19,467	21,097	22,260	22,881	24,567	27,611	30,828	31,160	31,711
Colorado .....	3,330	3,571	3,593	3,857	4,262	5,186	5,186	5,130	5,353
Hawaii .....	1,017	1,109	1,554	1,661	1,423	1,298	1,131	1,019	1,046
Idaho .....	385	462	507	551	567	599	615	659	676
Montana .....	586	682	662	665	672	613	680	672	635
Nevada .....	222	260	303	326	461	443	469	476	479
New Mexico .....	1,254	1,301	1,490	1,584	1,620	1,391	1,619	1,714	1,791
Oregon .....	2,932	3,234	3,223	2,915	3,006	3,132	3,068	3,276	3,403
Utah .....	1,827	2,018	2,165	2,162	2,371	2,293	2,260	2,471	2,255
Washington .....	2,964	3,427	3,402	3,337	3,536	3,616	3,824	3,955	3,895
Wyoming .....	341	329	376	337	348	352	388	378	414
<b>U.S. Service Schools .....</b>	<b>893</b>	<b>958</b>	<b>1,038</b>	<b>1,033</b>	<b>902</b>	<b>976</b>	<b>850</b>	<b>942</b>	<b>931</b>
<b>Outlying Areas .....</b>	<b>1,096</b>	<b>997</b>	<b>1,141</b>	<b>1,154</b>	<b>1,226</b>	<b>1,201</b>	<b>1,441</b>	<b>1,077</b>	<b>1,196</b>
American Samoa .....	—	—	—	—	—	—	211	—	—
Guam .....	45	63	68	86	80	88	119	55	74
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	1,051	914	1,073	1,068	1,146	1,113	1,103	1,017	1,115
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	8	5	7

—Data not available or not applicable.

**Table 31.—Master's degrees conferred by institutions of higher education, by region and state:  
1969-70 to 1988-89—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>301,079</b>	<b>298,081</b>	<b>295,739</b>	<b>295,546</b>	<b>289,921</b>	<b>284,263</b>	<b>286,251</b>	<b>288,567</b>	<b>289,557</b>	<b>299,317</b>
79,303	78,292	77,794	78,645	76,568	74,906	76,453	76,447	78,388	80,770
5,743	5,639	6,190	5,826	5,711	5,833	5,828	6,301	5,755	5,892
618	599	527	544	535	493	483	534	503	548
14,243	14,653	14,049	14,491	13,666	13,517	14,446	14,686	15,077	15,692
882	880	974	998	1,099	1,235	1,289	1,399	1,649	1,635
7,862	7,965	7,737	7,520	7,222	6,801	6,656	6,303	6,454	6,397
33,734	32,860	32,470	33,154	32,660	31,622	32,068	31,569	32,890	34,360
13,468	13,060	13,171	13,450	13,254	13,032	13,239	13,217	13,501	13,791
1,572	1,472	1,524	1,517	1,567	1,524	1,558	1,573	1,720	1,625
1,181	1,164	1,152	1,145	854	849	886	865	839	830
<b>78,081</b>	<b>77,208</b>	<b>76,998</b>	<b>78,099</b>	<b>75,942</b>	<b>73,954</b>	<b>72,373</b>	<b>72,849</b>	<b>73,083</b>	<b>75,337</b>
16,550	16,298	16,423	17,175	17,155	16,888	16,566	17,208	17,075	17,783
8,616	8,313	8,031	7,934	7,591	6,973	6,882	6,610	6,943	7,079
2,535	2,584	2,511	2,466	2,345	2,643	2,633	2,890	2,775	3,001
3,268	3,126	3,202	3,182	3,078	2,959	2,984	3,048	2,986	2,983
14,896	15,056	14,916	14,368	13,295	12,668	11,804	11,468	11,534	11,904
3,317	3,222	3,299	3,535	3,499	4,032	3,480	3,463	3,607	3,839
7,714	7,555	7,464	7,917	8,008	7,081	7,487	7,806	7,670	7,920
1,721	1,689	1,710	1,549	1,676	1,563	1,668	1,634	1,609	1,722
465	474	466	463	464	560	552	534	587	584
12,996	12,964	13,199	13,465	12,964	12,593	12,235	12,088	12,185	12,287
683	604	577	728	737	719	731	745	719	756
5,320	5,323	5,200	5,317	5,130	5,275	5,351	5,355	5,393	5,479
<b>87,938</b>	<b>86,779</b>	<b>85,333</b>	<b>84,072</b>	<b>82,120</b>	<b>79,858</b>	<b>82,056</b>	<b>83,415</b>	<b>82,173</b>	<b>86,035</b>
6,020	5,527	5,271	4,863	4,819	4,101	4,372	4,096	3,946	4,559
1,680	1,754	1,794	1,712	1,771	1,690	1,731	1,697	1,883	1,746
453	468	452	508	495	570	552	568	586	649
5,187	5,488	5,712	5,583	5,505	5,156	5,176	5,284	5,062	5,126
9,435	8,299	8,716	8,824	8,326	7,615	8,599	9,112	9,044	9,849
7,133	6,820	6,414	6,540	6,208	6,289	6,267	6,099	5,652	5,883
5,006	5,210	4,518	4,161	3,703	3,620	3,419	3,473	3,261	3,333
4,053	4,190	3,925	3,855	4,006	3,917	4,100	4,109	3,972	3,941
5,135	5,098	5,232	5,109	5,066	4,994	5,217	5,128	5,334	5,414
2,982	2,845	2,769	2,563	2,174	2,062	2,271	2,288	2,037	2,082
5,537	5,252	5,289	5,573	5,465	5,356	5,291	5,665	5,678	5,938
3,667	3,485	3,508	3,478	3,462	3,493	3,729	3,800	3,935	4,118
3,461	3,268	2,985	3,037	3,165	2,995	3,065	3,098	3,269	3,535
4,599	4,876	4,685	4,396	4,230	3,828	4,133	4,008	4,000	4,423
16,236	16,750	16,521	16,185	16,250	16,925	17,147	17,702	17,174	17,559
5,178	5,282	5,488	5,485	5,463	5,302	5,208	5,468	5,589	6,056
2,176	2,167	2,054	2,058	2,012	1,945	1,779	1,820	1,751	1,824
<b>54,856</b>	<b>54,773</b>	<b>54,688</b>	<b>53,855</b>	<b>54,083</b>	<b>54,187</b>	<b>54,103</b>	<b>54,605</b>	<b>54,685</b>	<b>55,867</b>
175	184	190	199	256	252	280	300	320	318
3,940	3,890	4,350	3,890	4,020	4,288	4,891	4,868	4,819	4,970
31,255	31,161	30,626	30,528	31,190	31,767	30,790	31,136	31,297	31,506
4,853	4,953	4,811	4,429	4,216	4,084	4,098	4,117	4,088	4,397
1,105	1,009	1,008	1,052	992	1,008	967	911	925	969
613	660	684	651	633	602	596	644	722	703
606	638	669	574	686	643	701	740	765	724
426	425	461	470	457	452	425	431	419	434
1,739	1,741	1,773	1,783	1,699	1,764	1,703	1,771	1,732	1,798
3,259	3,203	3,063	3,050	2,884	2,827	2,685	2,649	2,784	2,869
2,487	2,333	2,376	2,367	2,372	2,238	2,401	2,288	2,403	2,574
4,045	4,281	4,344	4,551	4,328	3,923	4,219	4,370	4,066	4,262
353	295	333	311	350	339	347	380	345	343
<b>901</b>	<b>1,029</b>	<b>926</b>	<b>875</b>	<b>1,208</b>	<b>1,358</b>	<b>1,266</b>	<b>1,251</b>	<b>1,228</b>	<b>1,308</b>
<b>996</b>	<b>1,014</b>	<b>1,059</b>	<b>1,034</b>	<b>1,010</b>	<b>1,199</b>	<b>962</b>	<b>1,262</b>	<b>1,183</b>	<b>1,358</b>
—	—	—	—	—	—	—	—	—	—
51	41	48	34	41	50	34	37	30	35
—	—	—	—	—	—	—	—	—	—
936	945	987	970	953	1,110	896	1,200	1,120	1,291
—	—	—	—	—	—	—	—	—	—
9	28	24	30	16	39	32	25	33	32

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Degrees and Other Formal Awards Conferred" surveys; and Integrated Postsecondary Education Data System, "Completions" surveys.

**Table 31.—Master's degrees conferred by institutions of higher education, by region and state:  
1969-70 to 1988-89—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1988-89	1969-70 to 1979-80	1979-80 to 1988-89	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1988-89
<b>United States .....</b>	<b>309,762</b>	—	<b>48.7</b>	<b>43.1</b>	<b>3.9</b>	<b>40.4</b>	<b>1.9</b>	<b>-4.0</b>	<b>8.2</b>
<b>Northeast .....</b>	<b>84,194</b>	—	<b>39.1</b>	<b>29.3</b>	<b>7.5</b>	<b>41.3</b>	<b>-8.4</b>	<b>-2.3</b>	<b>10.1</b>
Connecticut .....	6,022	—	52.1	42.4	6.8	48.1	-3.8	3.4	3.3
Maine .....	633	—	6.4	0.7	5.7	23.7	-18.6	-19.4	31.1
Massachusetts .....	16,967	—	56.9	35.5	15.8	28.5	5.5	-1.4	17.5
New Hampshire .....	1,754	—	210.4	55.8	99.3	27.6	22.1	46.5	36.1
New Jersey .....	7,024	—	39.1	57.8	-11.8	61.7	-2.4	-16.4	5.5
New York .....	34,442	—	28.5	22.6	4.8	44.3	-15.1	-2.4	7.4
Pennsylvania .....	14,587	—	31.9	18.1	11.7	31.3	-10.0	1.4	10.2
Rhode Island .....	1,774	—	65.5	37.3	20.5	66.7	-17.6	5.8	13.9
Vermont .....	991	—	60.4	88.3	-14.9	85.4	1.6	-23.9	11.9
<b>Midwest .....</b>	<b>79,270</b>	—	<b>28.4</b>	<b>25.1</b>	<b>2.7</b>	<b>23.8</b>	<b>1.0</b>	<b>-6.3</b>	<b>9.5</b>
Illinois .....	18,666	—	46.8	28.2	14.5	30.7	-1.9	1.6	12.7
Indiana .....	7,514	—	-7.3	2.6	-9.6	23.9	-17.3	-17.2	9.2
Iowa .....	3,218	—	43.4	15.2	24.5	5.9	8.7	1.9	22.2
Kansas .....	3,132	—	8.6	8.4	0.2	5.7	2.6	-4.5	5.0
Michigan .....	12,720	—	5.6	25.0	-15.5	23.6	1.1	-21.6	7.8
Minnesota .....	4,114	—	59.3	24.8	27.7	13.0	10.4	8.0	18.2
Missouri .....	8,569	—	61.4	42.3	13.4	26.2	12.8	-0.9	14.5
Nebraska .....	1,776	—	42.4	35.4	5.2	21.7	11.3	-1.2	6.5
North Dakota .....	579	—	-17.6	-32.6	22.2	-33.7	1.7	16.5	4.9
Ohio .....	12,791	—	46.0	48.0	-1.3	34.8	9.8	-5.6	4.5
South Dakota .....	793	—	-11.8	-32.8	31.3	-22.7	-13.1	21.0	8.5
Wisconsin .....	5,398	—	27.0	25.3	1.4	26.8	-1.2	0.5	0.9
<b>South .....</b>	<b>87,430</b>	—	<b>82.9</b>	<b>81.5</b>	<b>0.8</b>	<b>67.6</b>	<b>8.3</b>	<b>-5.4</b>	<b>6.5</b>
Alabama .....	4,233	—	80.6	135.8	-23.4	121.0	6.7	-20.9	-3.2
Arkansas .....	1,801	—	55.4	51.3	2.7	21.5	24.6	-1.3	4.0
Delaware .....	691	—	89.8	28.6	47.6	33.2	-3.5	17.9	25.2
District of Columbia .....	5,123	—	25.7	34.6	-6.7	24.4	8.2	-5.7	-1.0
Florida .....	10,563	—	144.1	91.8	27.3	67.7	14.3	3.6	22.8
Georgia .....	6,099	—	86.1	108.1	-10.6	124.5	-7.3	-8.1	-2.7
Kentucky .....	3,491	—	36.4	103.5	-33.0	76.4	15.3	-34.4	2.1
Louisiana .....	3,859	—	25.0	35.8	-7.9	40.2	-3.1	-2.1	-5.9
Louisiana .....	3,859	—	25.0	35.8	-7.9	40.2	-3.1	-2.1	-5.9
Maryland .....	5,970	—	98.2	69.3	17.1	68.0	0.8	2.3	14.4
Mississippi .....	2,108	—	47.1	98.5	-25.9	98.9	-0.2	-20.2	-7.2
North Carolina .....	5,872	—	82.6	63.3	11.8	39.3	17.2	0.7	11.0
North Carolina .....	5,872	—	82.6	63.3	11.8	39.3	17.2	0.7	11.0
Oklahoma .....	4,112	—	42.2	20.5	18.0	33.1	-9.5	7.0	10.3
Oklahoma .....	4,112	—	42.2	20.5	18.0	33.1	-9.5	7.0	10.3
South Carolina .....	3,269	—	325.1	325.0	0.0	305.2	4.9	-6.2	6.7
Tennessee .....	4,840	—	58.5	59.7	-0.7	54.5	3.3	-15.2	17.1
Texas .....	17,163	—	102.2	97.3	2.5	62.6	21.4	2.4	0.1
Virginia .....	6,545	—	155.3	106.0	23.9	81.8	13.3	-1.4	25.7
West Virginia .....	1,691	—	43.4	83.8	-22.0	67.0	10.1	-17.9	-4.9
<b>West .....</b>	<b>57,646</b>	—	<b>54.4</b>	<b>46.8</b>	<b>5.2</b>	<b>32.3</b>	<b>10.9</b>	<b>-1.2</b>	<b>6.5</b>
Alaska .....	286	—	64.4	5.7	55.4	39.7	-24.3	52.2	2.1
Arizona .....	4,884	—	72.9	37.7	25.6	36.8	0.6	25.7	-0.1
California .....	33,060	—	69.8	60.1	6.1	41.8	12.9	-1.2	7.4
Colorado .....	4,574	—	37.4	48.7	-7.7	18.3	25.7	-17.3	11.6
Hawaii .....	1,017	—	0.0	-0.8	0.8	27.6	-22.3	-4.2	5.2
Hawaii .....	1,017	—	0.0	-0.8	0.8	27.6	-22.3	-4.2	5.2
Idaho .....	706	—	83.4	71.4	7.0	55.6	10.2	-9.7	18.5
Montana .....	674	—	15.0	8.9	5.6	4.6	4.1	9.9	-3.9
Nevada .....	502	—	126.1	91.4	18.1	99.5	-4.1	0.0	18.1
New Mexico .....	1,868	—	49.0	38.8	7.3	10.9	25.2	-2.2	9.7
Oregon .....	3,120	—	6.4	9.2	-2.6	6.8	2.3	-16.2	16.2
Utah .....	2,345	—	28.4	27.7	0.5	25.5	1.7	2.9	-2.3
Washington .....	4,275	—	44.2	44.4	-0.1	22.0	18.4	-1.4	1.3
Wyoming .....	335	—	-1.8	-13.5	13.6	3.2	-16.2	17.6	-3.5
<b>U.S. Service Schools .....</b>	<b>1,222</b>	—	<b>36.8</b>	<b>15.2</b>	<b>18.8</b>	<b>9.3</b>	<b>5.4</b>	<b>23.0</b>	<b>-3.5</b>
<b>Outlying Areas .....</b>	<b>1,288</b>	—	<b>17.5</b>	<b>-7.5</b>	<b>27.0</b>	<b>9.6</b>	<b>-15.6</b>	<b>-5.1</b>	<b>33.9</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	40	—	-11.1	-8.9	-2.4	95.6	-53.4	-17.1	17.6
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	1,215	—	15.6	-10.1	28.6	5.9	-15.1	-5.2	35.6
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	33	—	—	—	17.9	—	—	14.3	3.1

Chart 31a.—Percentage change in master's degrees conferred by institutions of higher education, by state: 1969-70 to 1988-89

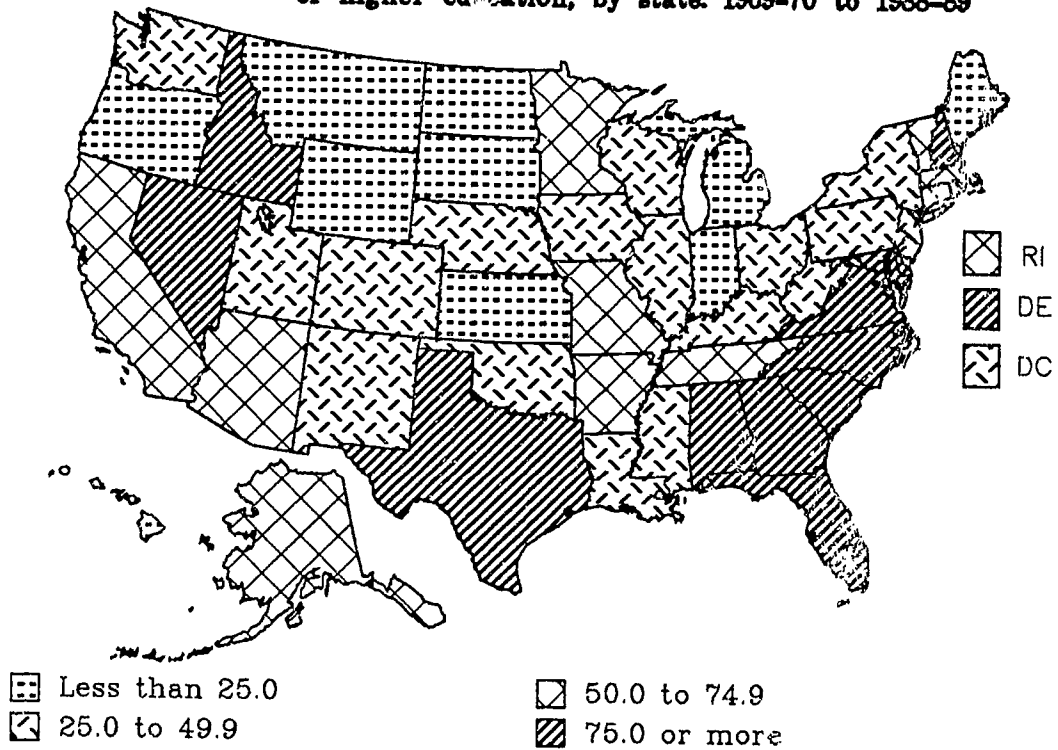
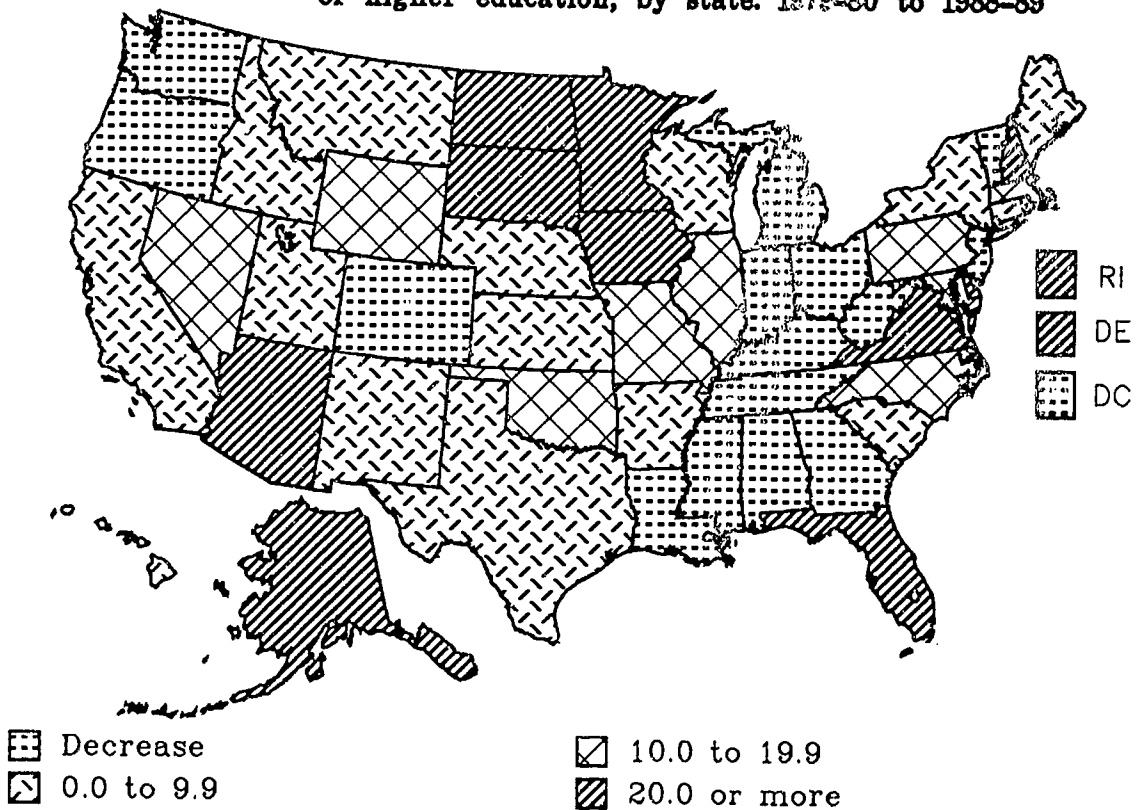


Chart 31b.—Percentage change in master's degrees conferred by institutions of higher education, by state: 1979-80 to 1988-89



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Degrees and Other Formal Awards Conferred surveys; and IPEDS, Completions surveys.



Table 32.—First-professional degrees conferred by institutions of higher education, by region and state:  
1969-70 to 1988-89

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b>	<b>34,918</b>	<b>37,946</b>	<b>43,411</b>	<b>50,018</b>	<b>53,816</b>	<b>55,916</b>	<b>62,649</b>	<b>64,359</b>	<b>66,581</b>
<b>Northeast</b>	<b>8,792</b>	<b>9,928</b>	<b>11,470</b>	<b>12,633</b>	<b>12,892</b>	<b>13,474</b>	<b>14,430</b>	<b>14,911</b>	<b>15,006</b>
Connecticut	440	449	593	609	574	551	642	644	668
Maine	45	58	60	84	84	69	88	95	109
Massachusetts	1,845	2,111	2,429	2,699	2,902	3,082	3,325	3,469	3,335
New Hampshire	—	—	—	45	20	57	123	59	58
New Jersey	672	683	860	1,194	1,244	1,208	1,217	1,321	1,364
New York	3,517	4,195	4,566	4,785	4,773	5,111	5,361	5,559	5,649
Pennsylvania	2,215	2,386	2,896	3,139	3,232	3,269	3,463	3,495	3,577
Rhode Island	—	—	—	—	—	58	60	60	64
Vermont	58	46	66	78	63	69	151	209	182
<b>Midwest</b>	<b>10,432</b>	<b>10,774</b>	<b>12,092</b>	<b>14,411</b>	<b>15,430</b>	<b>16,218</b>	<b>18,543</b>	<b>18,676</b>	<b>19,784</b>
Illinois	2,254	2,461	2,832	3,116	3,458	3,631	4,262	4,103	4,643
Indiana	906	866	573	1,329	1,393	1,206	1,307	1,486	1,501
Iowa	526	518	701	733	876	1,347	1,550	1,583	1,592
Kansas	379	387	452	509	592	563	675	616	660
Michigan	1,408	1,481	1,683	1,886	1,992	2,072	2,354	2,373	2,601
Minnesota	785	738	880	878	982	1,067	1,300	1,412	1,454
Missouri	1,391	1,405	1,593	1,924	1,880	1,954	2,107	2,120	2,177
Nebraska	407	402	517	583	657	716	748	716	680
North Dakota	37	34	46	63	61	47	143	118	96
Ohio	1,769	1,730	2,065	2,574	2,618	2,693	3,150	3,162	3,366
South Dakota	48	58	65	76	83	68	86	123	124
Wisconsin	522	614	685	740	838	854	861	864	890
<b>South</b>	<b>10,937</b>	<b>11,410</b>	<b>13,011</b>	<b>15,322</b>	<b>17,034</b>	<b>17,276</b>	<b>18,356</b>	<b>19,105</b>	<b>19,628</b>
Alabama	413	425	486	510	720	838	727	747	809
Arkansas	191	206	214	262	248	218	299	327	350
Delaware	—	—	—	—	—	—	—	—	—
District of Columbia	1,453	1,544	1,933	2,109	2,289	2,267	2,257	2,315	2,331
Florida	632	666	916	1,133	1,212	1,187	1,380	1,699	1,714
Georgia	759	769	789	997	1,033	1,130	1,261	1,193	1,263
Kentucky	731	844	930	1,050	1,166	1,135	1,171	1,196	1,303
Louisiana	784	820	844	952	1,056	1,134	1,213	1,277	1,308
Maryland	782	602	643	917	971	1,029	894	918	899
Mississippi	188	195	218	266	391	294	391	421	460
North Carolina	665	737	870	1,010	1,120	1,090	1,262	1,218	1,284
Oklahoma	404	352	420	495	571	736	705	789	859
South Carolina	233	278	277	434	471	541	534	559	623
Tennessee	814	868	1,001	1,140	1,382	1,222	1,373	1,320	1,311
Texas	2,073	2,112	2,381	2,812	3,166	3,201	3,498	3,691	3,589
Virginia	657	808	890	1,014	993	1,028	1,154	1,183	1,232
West Virginia	158	184	199	221	225	226	237	252	293
<b>West</b>	<b>4,757</b>	<b>5,834</b>	<b>6,838</b>	<b>7,652</b>	<b>8,480</b>	<b>8,948</b>	<b>11,320</b>	<b>11,667</b>	<b>12,163</b>
Alaska	—	—	—	—	—	—	—	—	—
Arizona	132	212	254	392	343	284	289	319	335
California	3,153	3,893	4,682	4,878	5,662	5,784	7,600	7,885	8,280
Colorado	427	502	609	663	657	673	700	716	712
Hawaii	—	—	—	—	—	62	105	110	125
Idaho	26	34	46	65	77	75	99	70	83
Montana	34	35	39	64	51	61	65	75	65
Nevada	—	—	—	—	—	—	—	—	—
New Mexico	58	82	105	130	152	162	165	190	166
Oregon	397	489	507	664	707	749	895	886	948
Utah	153	166	179	227	198	233	378	386	359
Washington	346	387	377	514	548	804	962	960	1,031
Wyoming	31	34	40	55	85	61	62	70	59
<b>U.S. Service Schools</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Outlying Areas</b>	<b>334</b>	<b>330</b>	<b>363</b>	<b>417</b>	<b>462</b>	<b>343</b>	<b>412</b>	<b>421</b>	<b>383</b>
American Samoa	—	—	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—
Puerto Rico	334	330	363	417	462	343	412	421	383
Trust Territories	—	—	—	—	—	—	—	—	—
Virgin Islands	—	—	—	—	—	—	—	—	—

—Data not available or not applicable.

**Table 32.—First-professional degrees conferred by institutions of higher education, by region and state:  
1969-70 to 1988-89—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
68,848	70,131	71,956	72,032	72,975	74,407	75,063	73,910	72,750	70,735
15,809	16,403	16,608	16,707	16,942	17,476	17,646	17,279	17,731	17,138
725	946	799	803	889	879	967	931	947	918
100	110	83	122	135	174	189	170	163	157
3,157	3,480	3,496	3,568	3,644	3,497	3,645	3,557	3,732	3,721
169	175	185	179	122	178	163	167	173	172
1,454	1,497	1,547	1,642	1,570	1,703	1,743	1,690	1,753	1,723
6,225	6,266	6,512	6,512	6,702	7,102	7,037	6,765	6,962	6,628
3,757	3,691	3,723	3,621	3,608	3,672	3,614	3,715	3,730	3,637
60	61	67	64	63	70	80	78	78	84
162	177	196	196	209	201	208	206	193	98
20,224	20,375	20,212	20,301	20,556	20,652	20,948	20,607	19,617	19,214
4,670	4,532	4,471	4,553	4,468	4,579	4,679	4,552	4,429	4,353
1,426	1,513	1,522	1,537	1,555	1,619	1,545	1,476	1,518	1,422
1,428	1,675	1,587	1,363	1,544	1,584	1,650	1,661	1,315	1,518
725	643	571	687	674	717	712	665	655	628
2,702	2,705	2,638	2,631	2,676	2,557	2,722	2,697	2,504	2,341
1,654	1,501	1,622	1,756	1,616	1,553	1,591	1,580	1,529	1,560
2,276	2,333	2,321	2,355	2,539	2,436	2,409	2,470	2,287	2,264
809	776	721	808	765	772	742	755	752	706
137	111	118	126	132	130	157	134	117	114
3,378	3,528	3,549	3,404	3,517	3,603	3,627	3,533	3,341	3,199
119	124	134	118	120	157	123	134	140	121
900	934	958	963	950	945	991	950	1,030	988
20,284	20,768	22,213	22,553	22,740	23,017	23,465	23,589	23,231	22,543
870	893	940	878	902	921	855	842	797	817
379	345	391	382	363	342	354	355	319	369
—	—	—	221	222	238	265	265	245	284
2,359	2,375	2,460	2,550	2,503	2,678	2,558	2,643	2,681	2,437
1,702	1,799	1,804	1,762	1,762	1,731	1,823	1,878	2,105	1,984
1,355	1,603	1,540	1,775	1,812	1,831	1,946	2,083	1,990	1,875
1,352	1,330	1,319	1,320	1,283	1,219	1,281	1,168	1,144	1,161
1,377	1,396	1,427	1,546	1,559	1,449	1,522	1,521	1,392	1,400
921	907	894	918	905	891	899	1,124	968	1,081
461	375	684	469	387	409	500	491	461	473
1,384	1,468	1,508	1,519	1,582	1,630	1,662	1,573	1,620	1,594
857	960	767	956	992	1,009	1,020	1,022	999	1,031
581	405	696	690	658	647	661	690	738	683
1,409	1,349	1,523	1,527	1,566	1,540	1,482	1,392	1,344	1,348
3,596	3,860	4,207	4,167	4,331	4,465	4,624	4,557	4,456	3,999
1,346	1,352	1,715	1,520	1,517	1,669	1,651	1,666	1,643	1,699
335	351	338	353	396	348	362	319	329	308
12,531	12,557	12,856	12,368	12,616	13,141	12,852	12,282	12,017	11,840
—	—	—	—	—	—	—	—	—	—
349	348	401	361	347	372	374	349	352	404
8,628	8,528	8,616	8,313	8,384	8,937	8,546	8,209	8,097	7,889
722	800	839	831	836	837	882	904	853	872
121	128	153	137	132	131	139	131	137	126
73	80	91	89	93	80	105	82	68	71
74	74	71	73	78	64	75	66	74	78
—	36	48	45	42	48	70	75	42	46
179	165	194	179	176	186	166	191	170	164
972	1,033	1,014	980	1,062	1,075	994	938	899	845
334	371	360	376	382	389	379	361	365	378
1,011	934	1,006	924	1,016	963	1,000	908	901	898
68	60	63	60	68	59	122	68	59	69
—	28	67	103	121	121	152	153	154	—
374	395	413	522	433	493	499	671	503	729
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
374	395	413	522	433	493	499	671	503	729
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Degrees and Other Formal Awards Conferred" surveys; and Integrated Postsecondary Education Data System, "Completions" surveys.

**Table 32.—First-professional degrees conferred by institutions of higher education, by region and state:  
1969-70 to 1988-89—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1988-89	1969-70 to 1979-80	1979-80 to 1988-89	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1988-89
<b>United States</b> .....	<b>70,758</b>	<b>—</b>	<b>102.6</b>	<b>100.8</b>	<b>0.9</b>	<b>60.1</b>	<b>25.4</b>	<b>7.0</b>	<b>-5.7</b>
<b>Northeast</b> .....	<b>17,217</b>	<b>—</b>	<b>95.8</b>	<b>86.6</b>	<b>5.0</b>	<b>53.3</b>	<b>21.7</b>	<b>7.6</b>	<b>-2.4</b>
Connecticut .....	920	—	109.1	115.0	-2.7	25.2	71.7	2.2	-4.9
Maine .....	139	—	208.9	144.4	26.4	53.3	59.4	71.8	-26.5
Massachusetts .....	3,605	—	95.4	88.6	3.6	67.0	12.9	4.7	-1.1
New Hampshire .....	154	—	—	—	-12.0	—	207.0	-6.9	-5.5
New Jersey .....	1,613	—	140.0	122.8	7.7	79.8	23.9	16.4	-7.5
New York .....	7,046	—	100.3	78.2	12.4	45.3	22.6	12.3	0.1
Pennsylvania .....	3,575	—	61.4	66.6	-3.1	47.6	12.9	-2.1	-1.1
Rhode Island .....	80	—	—	—	31.1	—	5.2	31.1	0.0
Vermont .....	85	—	46.6	205.2	52.0	19.0	156.5	17.5	-59.1
<b>Midwest</b> .....	<b>19,137</b>	<b>—</b>	<b>83.4</b>	<b>95.3</b>	<b>-6.1</b>	<b>55.5</b>	<b>25.6</b>	<b>2.8</b>	<b>-8.6</b>
Illinois .....	4,404	—	95.4	101.1	-2.8	61.1	24.8	3.2	-5.9
Indiana .....	1,442	—	59.2	67.0	-4.7	33.1	25.5	2.1	-6.7
Iowa .....	1,489	—	183.1	218.4	-11.1	156.1	24.4	-1.5	-9.8
Kansas .....	590	—	55.7	69.7	-8.2	48.5	14.2	10.7	-17.1
Michigan .....	2,212	—	57.1	92.1	-18.2	47.2	30.6	0.6	-18.7
Minnesota .....	1,486	—	89.3	91.2	-1.0	35.9	40.7	6.0	-6.6
Missouri .....	2,300	—	65.3	67.7	-1.4	40.5	19.4	3.3	-4.5
Nebraska .....	727	—	78.6	90.7	-6.3	75.9	8.4	-4.4	-2.0
North Dakota .....	115	—	210.8	200.0	3.6	27.0	136.2	41.4	-26.8
Ohio .....	3,225	—	82.3	99.4	-8.6	52.2	31.0	2.8	-11.1
South Dakota .....	130	—	170.8	158.3	4.8	41.7	82.4	-0.8	5.7
Wisconsin .....	1,017	—	94.8	78.9	8.9	63.6	9.4	6.1	2.6
<b>South</b> .....	<b>22,840</b>	<b>—</b>	<b>108.8</b>	<b>89.9</b>	<b>10.0</b>	<b>58.0</b>	<b>20.2</b>	<b>13.0</b>	<b>-2.7</b>
Alabama .....	787	—	90.6	116.2	-11.9	102.9	6.6	-4.3	-8.0
Arkansas .....	343	—	79.6	80.6	-0.6	14.1	58.3	2.6	-3.1
Delaware .....	317	—	—	—	—	—	—	—	19.6
District of Columbia .....	2,467	—	69.8	63.5	3.9	56.0	4.8	7.7	-3.6
Florida .....	2,051	—	224.5	184.7	14.0	87.8	51.6	1.3	12.5
Georgia .....	1,846	—	143.2	111.2	15.2	48.9	41.9	21.4	-5.1
Kentucky .....	1,167	—	59.6	81.9	-12.3	55.3	17.2	-3.7	-8.9
Louisiana .....	1,505	—	92.0	78.1	7.8	44.6	23.1	9.0	-1.1
Maryland .....	1,124	—	43.7	16.0	23.9	31.6	-11.9	-0.9	25.0
Mississippi .....	414	—	120.2	99.5	10.4	56.4	27.6	33.3	-17.2
North Carolina .....	1,632	—	145.4	120.8	11.2	63.9	34.7	13.2	-1.8
Oklahoma .....	950	—	135.1	137.6	-1.0	82.2	30.4	6.3	-6.9
South Carolina .....	738	—	216.7	73.8	82.2	132.2	-25.1	63.2	11.6
Tennessee .....	1,343	—	65.0	65.7	-0.4	50.1	10.4	9.9	-9.4
Texas .....	4,146	—	100.0	86.2	7.4	54.4	20.6	19.8	-10.3
Virginia .....	1,695	—	158.0	105.8	25.4	56.5	31.5	23.1	2.7
West Virginia .....	315	—	99.4	122.2	-10.3	43.0	55.3	3.1	-13.0
<b>West</b> .....	<b>11,564</b>	<b>—</b>	<b>143.1</b>	<b>164.0</b>	<b>-7.9</b>	<b>88.1</b>	<b>40.3</b>	<b>2.3</b>	<b>-10.0</b>
Alaska .....	—	—	—	—	—	—	—	—	—
Arizona .....	420	—	218.2	163.6	20.7	115.2	22.5	7.5	12.3
California .....	7,651	—	142.7	170.5	-10.3	83.4	47.4	0.2	-10.5
Colorado .....	873	—	104.4	87.4	9.1	57.6	18.9	10.3	-1.0
Hawaii .....	119	—	—	—	-7.0	—	106.5	8.6	-14.4
Idaho .....	67	—	157.7	207.7	-16.3	188.5	6.7	31.3	-36.2
Montana .....	59	—	73.5	117.6	-20.3	79.4	21.3	1.4	-21.3
Nevada .....	46	—	—	—	27.8	—	—	94.4	-34.3
New Mexico .....	181	—	212.1	184.5	9.7	179.3	1.9	0.6	9.0
Oregon .....	906	—	128.2	160.2	-12.3	88.7	37.9	-3.8	-8.9
Utah .....	376	—	145.8	142.5	1.3	52.3	59.2	2.2	-0.8
Washington .....	809	—	133.8	169.9	-13.4	132.4	16.2	7.1	-19.1
Wyoming .....	57	—	83.9	93.5	-5.0	96.8	-1.6	103.3	-53.3
<b>U.S. Service Schools</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>442.9</b>	<b>—</b>
<b>Outlying Areas</b> .....	<b>560</b>	<b>—</b>	<b>67.7</b>	<b>18.3</b>	<b>41.8</b>	<b>2.7</b>	<b>15.2</b>	<b>26.3</b>	<b>12.2</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	560	—	67.7	18.3	41.8	2.7	15.2	26.3	12.2
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

Chart 32a.—Percentage change in first-professional degrees conferred by institutions of higher education, by state: 1969-70 to 1988-89

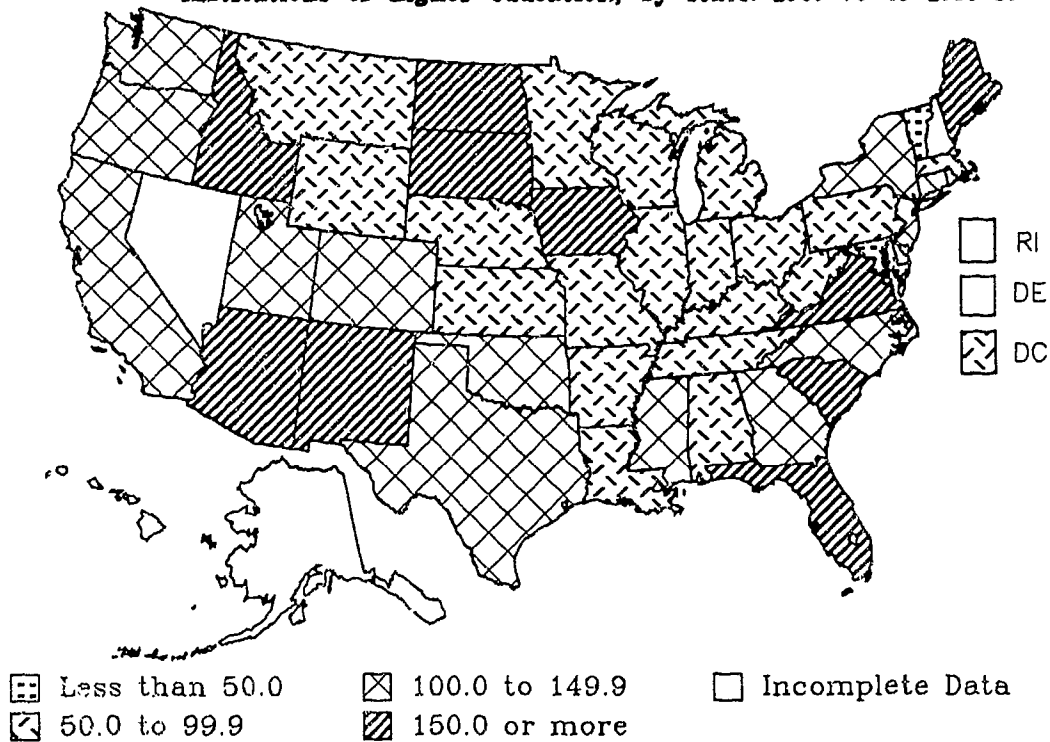
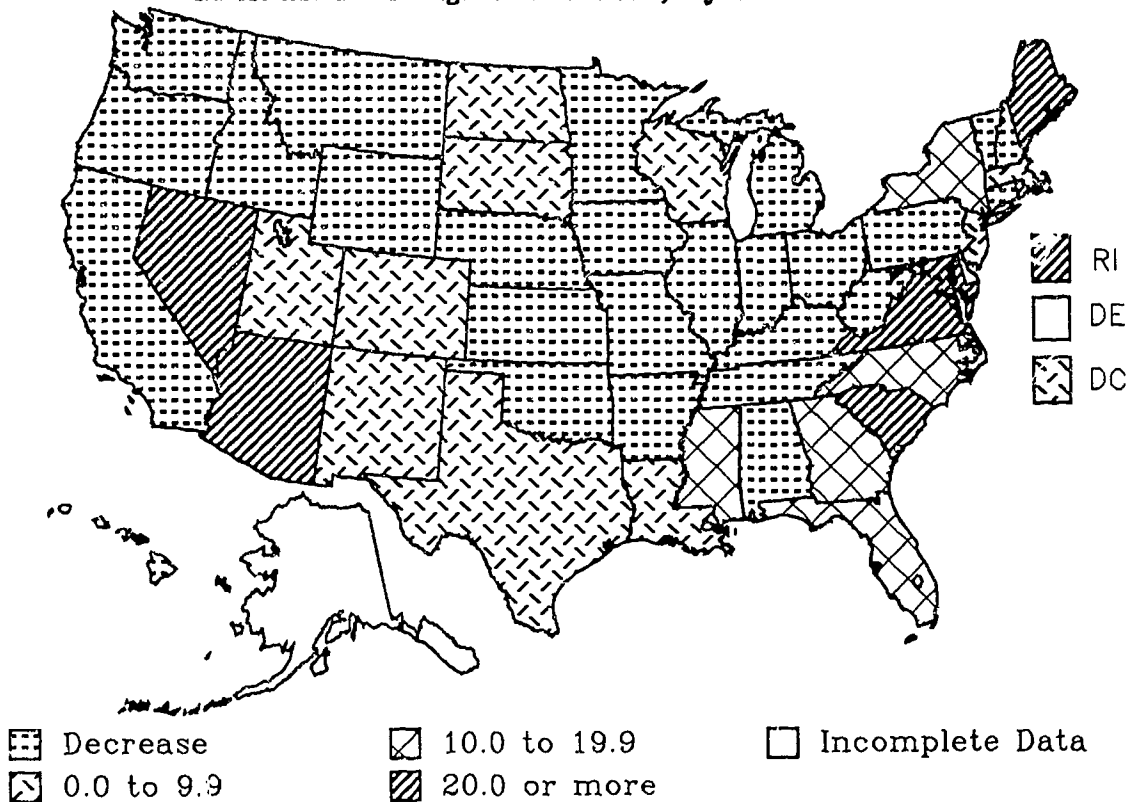


Chart 32b.—Percentage change in first-professional degrees conferred by institutions of higher education, by state: 1979-80 to 1988-89



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Degrees and Other Formal Awards Conferred surveys; and IPEDS, Completions surveys.

**Table 33.—Doctor's degrees conferred by institutions of higher education, by region and state:  
1969-70 to 1988-89**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b> .....	<b>29,866</b>	<b>32,107</b>	<b>33,363</b>	<b>34,777</b>	<b>33,816</b>	<b>34,083</b>	<b>34,064</b>	<b>33,232</b>	<b>32,131</b>
<b>Northeast</b> .....	<b>7,829</b>	<b>8,181</b>	<b>8,775</b>	<b>9,461</b>	<b>8,878</b>	<b>8,875</b>	<b>9,064</b>	<b>8,703</b>	<b>8,553</b>
Connecticut .....	511	519	578	559	577	584	579	527	530
Maine .....	24	25	28	42	29	26	41	38	41
Massachusetts .....	1,676	1,791	1,818	2,190	2,022	2,018	2,018	1,980	1,952
New Hampshire .....	49	54	63	63	51	62	67	55	52
New Jersey .....	565	551	621	609	597	718	691	760	713
New York .....	3,292	3,370	3,607	3,953	3,681	3,451	3,626	3,478	3,400
Pennsylvania .....	1,492	1,636	1,817	1,825	1,663	1,771	1,809	1,628	1,645
Rhode Island .....	187	207	208	191	220	204	194	204	188
Vermont .....	33	28	35	29	38	41	39	33	32
<b>Midwest</b> .....	<b>9,517</b>	<b>10,353</b>	<b>10,205</b>	<b>10,412</b>	<b>10,109</b>	<b>10,133</b>	<b>9,720</b>	<b>9,391</b>	<b>8,976</b>
Illinois .....	1,884	2,086	2,142	2,229	2,165	2,131	2,025	2,061	1,874
Indiana .....	1,313	1,355	1,316	1,260	1,298	1,300	1,208	1,089	1,015
Iowa .....	620	702	625	643	565	551	568	520	515
Kansas .....	389	387	382	412	447	448	385	370	480
Michigan .....	1,577	1,793	1,710	1,758	1,582	1,635	1,498	1,504	1,338
Minnesota .....	546	613	599	557	575	540	497	519	501
Missouri .....	630	645	751	762	706	704	686	689	593
Nebraska .....	213	223	210	230	237	229	178	218	206
North Dakota .....	86	118	83	90	82	67	66	66	47
Ohio .....	1,262	1,419	1,475	1,519	1,490	1,565	1,665	1,542	1,600
South Dakota .....	63	52	51	50	51	46	45	48	50
Wisconsin .....	934	960	861	902	911	917	899	765	757
<b>South</b> .....	<b>6,566</b>	<b>7,179</b>	<b>7,677</b>	<b>7,771</b>	<b>7,911</b>	<b>8,368</b>	<b>8,499</b>	<b>8,483</b>	<b>8,255</b>
Alabama .....	221	265	276	268	273	196	226	257	269
Arkansas .....	124	116	147	118	116	105	120	106	108
Delaware .....	60	75	85	76	68	76	68	49	75
District of Columbia .....	498	576	554	567	559	568	524	553	511
Florida .....	668	702	761	734	762	1,141	1,411	1,418	1,321
Georgia .....	345	456	489	544	545	548	568	570	563
Kentucky .....	173	190	198	205	259	251	259	251	242
Louisiana .....	348	391	449	365	406	386	332	303	319
Maryland .....	576	552	617	623	584	649	612	602	578
Mississippi .....	178	225	253	278	241	255	280	276	269
North Carolina .....	634	723	763	787	824	825	734	716	742
Oklahoma .....	484	467	509	505	474	498	416	406	390
South Carolina .....	115	125	130	126	134	162	207	174	198
Tennessee .....	452	484	524	561	570	578	585	570	513
Texas .....	1,241	1,358	1,457	1,476	1,486	1,541	1,502	1,595	1,502
Virginia .....	306	372	331	407	501	479	534	516	538
West Virginia .....	143	102	134	131	109	110	121	121	117
<b>West</b> .....	<b>5,942</b>	<b>6,375</b>	<b>6,695</b>	<b>7,124</b>	<b>6,900</b>	<b>6,690</b>	<b>6,752</b>	<b>6,640</b>	<b>6,338</b>
Alaska .....	7	12	3	6	9	10	8	5	3
Arizona .....	383	396	386	384	421	413	387	417	403
California .....	3,175	3,349	3,490	3,917	3,699	3,628	3,799	3,683	3,644
Colorado .....	636	656	714	697	715	701	726	703	679
Hawaii .....	53	78	80	94	109	97	116	134	129
Idaho .....	45	57	58	44	69	65	70	49	59
Montana .....	3	76	72	75	103	81	70	63	49
Nevada .....	11	19	21	24	11	15	24	33	18
New Mexico .....	182	182	188	213	218	143	167	166	155
Oregon .....	441	494	573	524	481	465	409	411	331
Utah .....	413	394	491	460	442	455	407	445	357
Washington .....	466	574	541	613	538	539	512	462	453
Wyoming .....	67	88	78	73	85	78	57	69	58
<b>U.S. Service Schools</b> .....	<b>12</b>	<b>19</b>	<b>11</b>	<b>9</b>	<b>18</b>	<b>17</b>	<b>29</b>	<b>15</b>	<b>9</b>
<b>Outlying Areas</b> .....	<b>6</b>	<b>6</b>	<b>6</b>	<b>13</b>	<b>10</b>	<b>3</b>	<b>12</b>	<b>12</b>	<b>25</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	6	6	6	13	10	3	12	12	25
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

—Data not available or not applicable.

**Table 33.—Doctor's degrees conferred by institutions of higher education, by region and state:  
1969-70 to 1988-89—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>32,730</b>	<b>32,615</b>	<b>32,958</b>	<b>32,707</b>	<b>32,775</b>	<b>33,209</b>	<b>32,943</b>	<b>33,653</b>	<b>34,120</b>	<b>34,870</b>
<b>8,444</b>	<b>8,341</b>	<b>8,491</b>	<b>8,490</b>	<b>8,341</b>	<b>8,533</b>	<b>8,446</b>	<b>8,674</b>	<b>8,635</b>	<b>9,012</b>
503	499	483	482	470	515	472	462	533	496
22	21	25	32	22	25	23	29	25	25
1,865	1,839	2,005	1,822	1,822	1,840	1,777	1,912	1,908	1,937
63	58	68	65	67	58	49	57	78	69
719	645	781	790	812	709	690	735	670	824
3,398	3,375	3,255	3,259	3,181	3,310	3,360	3,411	3,366	3,497
1,658	1,669	1,664	1,812	1,761	1,858	1,850	1,832	1,802	1,882
189	203	175	202	178	179	196	183	212	237
27	32	35	26	28	39	29	53	41	45
<b>9,158</b>	<b>8,890</b>	<b>8,989</b>	<b>9,011</b>	<b>8,722</b>	<b>9,904</b>	<b>8,970</b>	<b>8,847</b>	<b>9,184</b>	<b>9,056</b>
1,943	1,872	2,043	1,932	1,896	1,910	2,027	2,007	2,062	2,152
1,030	1,036	1,045	1,000	1,035	1,006	1,022	974	967	941
552	532	557	582	489	552	558	537	608	658
384	388	369	389	360	380	456	351	389	376
1,417	1,534	1,310	1,438	1,383	1,387	1,259	1,289	1,321	1,238
474	503	535	479	487	593	529	577	529	549
688	637	578	585	567	632	566	579	545	531
200	221	238	214	220	226	196	210	215	248
69	83	69	47	49	47	64	67	76	66
1,549	1,487	1,489	1,525	1,492	1,482	1,443	1,449	1,612	1,434
45	37	33	41	48	47	53	60	65	51
807	760	723	779	696	742	797	747	795	812
<b>8,596</b>	<b>8,564</b>	<b>8,441</b>	<b>8,325</b>	<b>8,583</b>	<b>8,685</b>	<b>8,673</b>	<b>9,037</b>	<b>9,123</b>	<b>9,525</b>
267	249	254	275	281	267	264	270	279	289
93	108	105	126	258	128	128	134	112	101
57	70	58	105	58	3	93	100	96	107
512	487	535	556	571	531	517	556	475	542
1,517	1,536	1,226	1,060	1,038	1,044	982	1,030	1,109	1,200
530	549	553	575	601	595	713	666	654	737
261	271	264	240	271	279	255	248	281	313
322	314	269	262	280	244	256	290	301	346
587	529	594	594	598	657	696	663	690	717
216	226	241	280	274	339	245	268	272	241
739	757	714	732	725	769	697	753	788	796
421	377	379	362	405	415	404	412	342	349
227	191	196	207	207	208	224	258	266	302
565	545	604	585	585	626	598	609	576	541
1,612	1,660	1,753	1,662	1,676	1,811	1,839	1,978	2,079	2,067
555	550	589	574	627	656	647	689	693	746
115	145	107	130	128	113	115	113	110	131
<b>6,517</b>	<b>6,805</b>	<b>7,025</b>	<b>6,864</b>	<b>7,116</b>	<b>6,978</b>	<b>6,832</b>	<b>7,075</b>	<b>7,152</b>	<b>7,263</b>
5	—	2	6	5	6	8	12	7	15
392	417	392	442	459	434	431	458	506	495
3,718	3,982	4,154	4,011	4,106	4,041	3,913	4,140	4,147	4,116
655	618	711	611	680	655	601	588	636	667
122	103	114	111	120	101	138	132	145	116
64	55	60	55	49	49	54	42	47	63
50	56	38	48	51	53	52	60	49	65
19	21	30	34	26	29	31	28	32	28
158	166	165	151	170	174	189	209	206	222
375	346	405	392	457	460	421	433	349	409
393	453	383	408	371	371	358	371	361	418
511	512	493	531	573	550	514	527	599	576
55	76	78	64	49	55	122	75	68	73
<b>15</b>	<b>15</b>	<b>12</b>	<b>17</b>	<b>13</b>	<b>9</b>	<b>22</b>	<b>20</b>	<b>26</b>	<b>14</b>
<b>26</b>	<b>17</b>	<b>24</b>	<b>28</b>	<b>24</b>	<b>31</b>	<b>29</b>	<b>24</b>	<b>185</b>	<b>58</b>
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
26	17	24	28	24	31	29	24	185	58
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Degrees and Other Formal Awards Conferred" surveys; and Integrated Postsecondary Education Data System, "Completions" surveys.

**Table 33.—Doctor's degrees conferred by institutions of higher education, by region and state:**  
**1969-70 to 1988-89—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1988-89	1969-70 to 1979-80	1979-80 to 1988-89	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1988-89
<b>United States</b> .....	<b>35,759</b>	<b>—</b>	<b>19.7</b>	<b>9.2</b>	<b>9.6</b>	<b>14.1</b>	<b>-4.3</b>	<b>1.0</b>	<b>8.5</b>
<b>Northeast</b> .....	<b>9,286</b>	<b>—</b>	<b>18.6</b>	<b>6.5</b>	<b>11.3</b>	<b>13.4</b>	<b>-6.0</b>	<b>1.3</b>	<b>9.9</b>
Connecticut .....	553	—	8.2	-2.3	10.8	14.3	-14.6	-5.4	17.2
Maine .....	36	—	50.0	-12.5	71.4	8.3	-19.2	9.5	56.5
Massachusetts .....	1,986	—	18.5	9.7	8.0	20.4	-8.9	-3.4	11.8
New Hampshire .....	87	—	77.6	18.4	50.0	26.5	-6.5	-15.5	77.6
New Jersey .....	747	—	32.2	14.2	15.8	27.1	-10.2	7.0	8.3
New York .....	3,579	—	8.7	2.5	6.0	4.8	-2.2	-0.4	6.5
Pennsylvania .....	2,027	—	35.9	11.9	21.4	18.7	-5.8	10.8	9.6
Rhode Island .....	222	—	18.7	8.6	9.4	9.1	-0.5	-3.4	13.3
Vermont .....	49	—	48.5	-3.0	53.1	24.2	-22.0	-9.4	69.0
<b>Midwest</b> .....	<b>9,393</b>	<b>—</b>	<b>-1.3</b>	<b>-6.6</b>	<b>5.7</b>	<b>6.5</b>	<b>-12.3</b>	<b>0.9</b>	<b>4.7</b>
Illinois .....	2,176	—	15.5	-0.6	16.2	13.1	-12.2	8.3	7.4
Indiana .....	962	—	-26.7	-21.1	-7.1	-1.0	-20.3	-1.4	-5.9
Iowa .....	574	—	-7.4	-14.2	7.9	-11.1	-3.4	4.9	2.9
Kansas .....	379	—	-2.6	-0.3	-2.3	15.2	-13.4	17.5	-16.9
Michigan .....	1,333	—	-15.5	-15.4	-0.1	3.7	-18.4	-5.6	5.9
Minnesota .....	568	—	4.0	-7.9	12.9	-1.1	-6.9	5.2	7.4
Missouri .....	621	—	-1.4	1.1	-2.5	11.7	-9.5	-11.1	9.7
Nebraska .....	248	—	16.4	3.8	12.2	7.5	-3.5	-11.3	26.5
North Dakota .....	61	—	-29.1	-3.5	-26.5	-22.1	23.9	-22.9	-4.7
Ohio .....	1,652	—	30.9	17.8	11.1	24.0	-5.0	-3.0	14.5
South Dakota .....	48	—	-23.8	-41.3	29.7	-27.0	-19.6	43.2	-9.4
Wisconsin .....	771	—	-17.5	-18.6	1.4	-1.8	-17.1	4.9	-3.3
<b>South</b> .....	<b>9,646</b>	<b>—</b>	<b>46.9</b>	<b>30.4</b>	<b>12.6</b>	<b>27.4</b>	<b>2.3</b>	<b>1.3</b>	<b>11.2</b>
Alabama .....	341	—	54.3	12.7	36.9	-11.3	27.0	6.0	29.2
Arkansas .....	96	—	-22.6	-12.9	-11.1	-15.3	2.9	18.5	-25.0
Delaware .....	114	—	90.0	16.7	62.9	26.7	-7.9	32.9	22.6
District of Columbia .....	503	—	1.0	-2.2	3.3	14.1	-14.3	6.2	-2.7
Florida .....	1,201	—	79.8	129.9	-21.8	70.8	34.6	-36.1	22.3
Georgia .....	800	—	131.9	59.1	45.7	58.8	0.2	29.9	12.2
Kentucky .....	332	—	91.9	56.6	22.5	45.1	8.0	-5.9	30.2
Louisiana .....	384	—	10.3	-9.8	22.3	10.9	-19.7	-18.5	50.0
Maryland .....	711	—	23.4	-8.2	34.4	12.7	-18.5	31.6	2.2
Mississippi .....	245	—	37.6	27.0	8.4	43.3	-11.4	8.4	0.0
North Carolina .....	724	—	14.2	19.4	-4.4	30.1	-8.2	-7.9	3.9
Oklahoma .....	358	—	-26.0	-22.1	-5.0	2.9	-24.3	7.2	-11.4
South Carolina .....	266	—	131.3	66.1	39.3	40.9	17.9	17.3	18.8
Tennessee .....	582	—	28.8	20.6	6.8	27.9	-5.7	9.7	-2.7
Texas .....	2,113	—	70.3	33.8	27.3	24.2	7.7	10.8	14.9
Virginia .....	764	—	149.7	79.7	38.9	56.5	14.8	17.6	18.1
West Virginia .....	112	—	-21.7	1.4	-22.8	-23.1	31.8	-20.7	-2.6
<b>West</b> .....	<b>7,425</b>	<b>—</b>	<b>25.0</b>	<b>14.5</b>	<b>9.1</b>	<b>12.6</b>	<b>1.7</b>	<b>0.4</b>	<b>8.7</b>
Alaska .....	14	—	100.0	—	—	42.9	—	—	75.0
Arizona .....	559	—	46.0	8.9	34.1	7.8	1.0	3.4	29.7
California .....	4,209	—	32.6	25.4	5.7	14.3	9.8	-1.7	7.6
Colorado .....	665	—	4.6	-2.8	7.6	10.2	-11.8	-2.8	10.6
Hawaii .....	172	—	224.5	94.3	67.0	83.0	6.2	34.0	24.6
Idaho .....	60	—	33.3	22.2	9.1	44.4	-15.4	-1.8	11.1
Montana .....	57	—	-9.5	-11.1	1.8	28.6	-30.9	-7.1	9.6
Nevada .....	35	—	218.2	90.9	66.7	36.4	40.0	47.6	12.9
New Mexico .....	217	—	19.2	-8.8	30.7	-21.4	16.1	13.9	14.8
Oregon .....	414	—	-6.1	-21.5	19.7	5.4	-25.6	21.7	-1.7
Utah .....	367	—	-11.1	9.7	-19.0	10.2	-0.4	-21.0	2.5
Washington .....	583	—	25.1	9.9	13.9	15.7	-5.0	0.4	13.4
Wyoming .....	73	—	9.0	13.4	-3.9	16.4	-2.6	60.5	-40.2
<b>U.S. Service Schools</b> .....	<b>9</b>	<b>—</b>	<b>-25.0</b>	<b>25.0</b>	<b>-40.0</b>	<b>41.7</b>	<b>-11.8</b>	<b>46.7</b>	<b>-59.1</b>
<b>Outlying Areas</b> .....	<b>32</b>	<b>—</b>	<b>433.3</b>	<b>183.3</b>	<b>88.2</b>	<b>-50.0</b>	<b>466.7</b>	<b>70.6</b>	<b>10.3</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	32	—	433.3	183.3	88.2	-50.0	466.7	70.6	10.3
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

Chart 33a.—Percentage change in doctor's degrees conferred by institutions of higher education, by state: 1969-70 to 1988-89

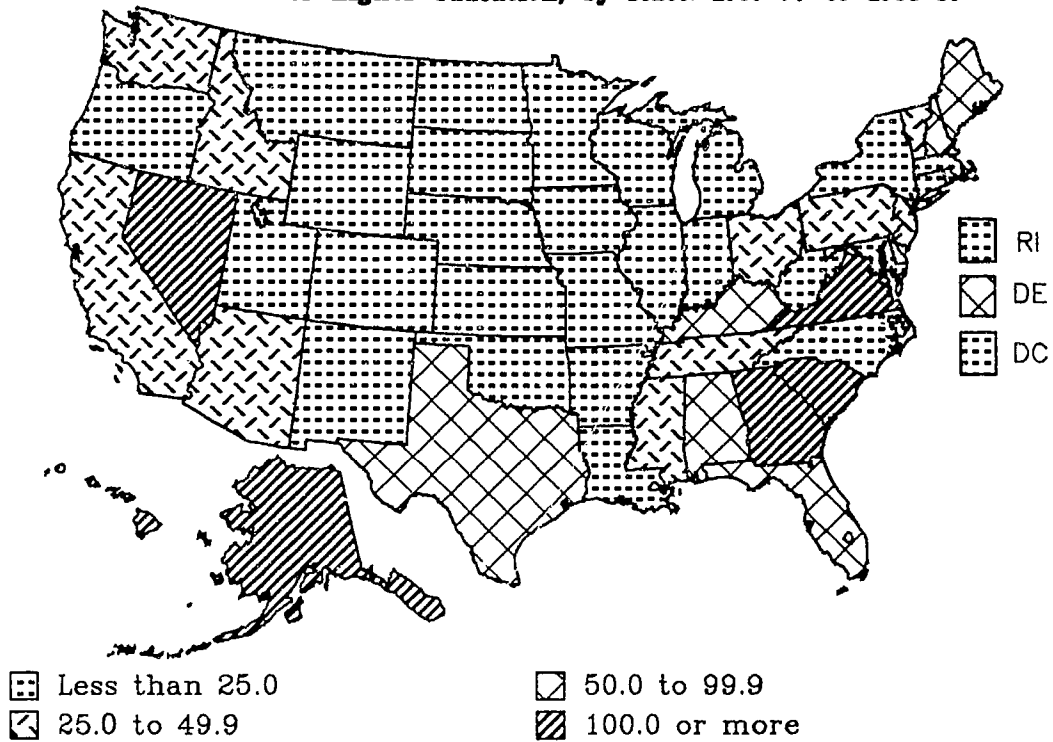
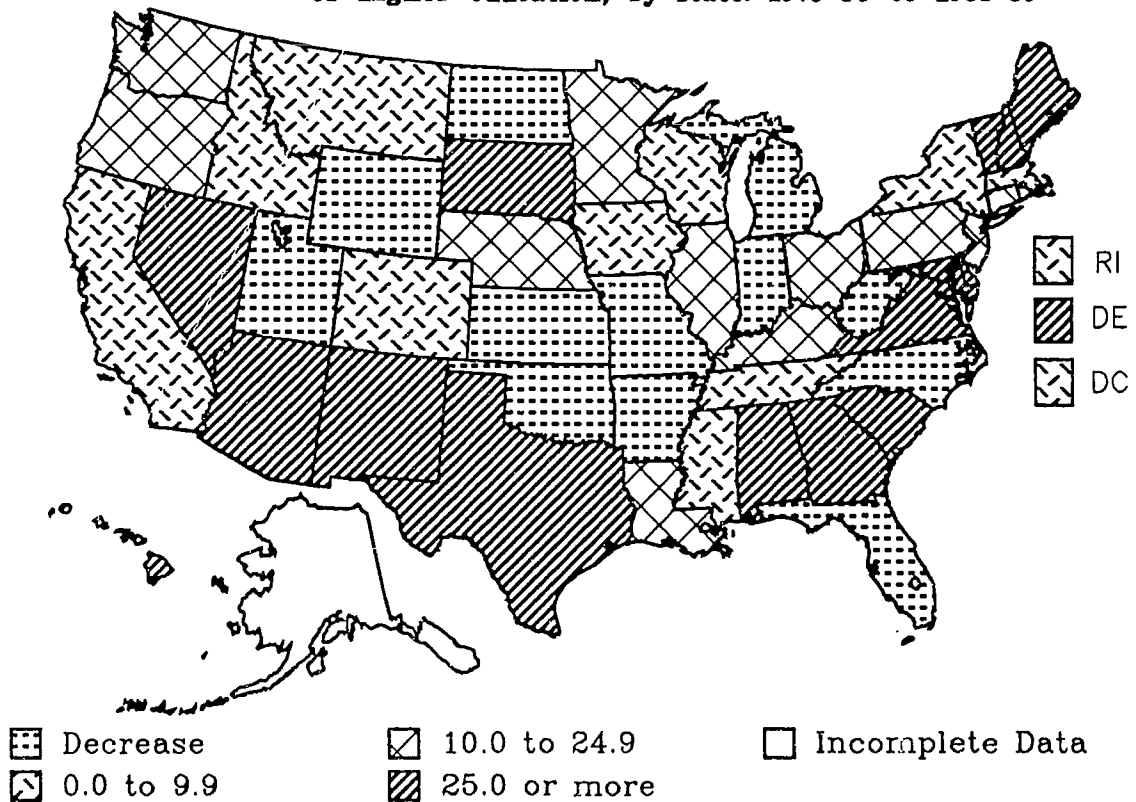


Chart 33b.—Percentage change in doctor's degrees conferred by institutions of higher education, by state: 1979-80 to 1988-89



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Degrees and Other Formal Awards Conferred surveys; and IPEDS, Completions surveys.







**Table 34.—Current-fund expenditures of public institutions of higher education, by region and state:  
1969-70 to 1987-88 (in thousands of unadjusted dollars)—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1987-88	1969-70 to 1979-80	1979-80 to 1987-88	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1987-88
<b>United States</b> .....	—	—	<b>448.3</b>	<b>185.1</b>	<b>92.3</b>	<b>77.3</b>	<b>60.8</b>	<b>54.4</b>	<b>24.6</b>
<b>Northeast</b> .....	—	—	<b>482.2</b>	<b>185.0</b>	<b>104.2</b>	<b>96.6</b>	<b>45.0</b>	<b>57.0</b>	<b>30.1</b>
Connecticut .....	—	—	470.9	179.9	104.0	72.6	62.1	56.6	30.3
Maine .....	—	—	463.3	186.4	96.7	87.2	53.0	52.4	29.0
Massachusetts .....	—	—	720.7	227.1	150.9	117.7	50.3	78.4	40.6
New Hampshire .....	—	—	419.1	183.9	82.8	77.1	60.3	38.2	32.3
New Jersey .....	—	—	645.1	238.9	119.8	107.4	63.4	59.7	37.7
New York .....	—	—	443.9	182.9	92.3	110.5	34.4	55.5	23.6
Pennsylvania .....	—	—	426.0	156.0	105.5	76.3	45.2	54.4	33.1
Rhode Island .....	—	—	379.7	180.5	71.0	78.1	57.5	37.4	24.5
Vermont .....	—	—	431.4	169.3	97.3	70.5	57.9	58.3	24.7
<b>Midwest</b> .....	—	—	<b>368.2</b>	<b>152.8</b>	<b>85.2</b>	<b>61.6</b>	<b>56.5</b>	<b>49.0</b>	<b>24.3</b>
Illinois .....	—	—	317.9	138.3	75.3	59.2	49.7	45.8	20.2
Indiana .....	—	—	375.7	141.2	97.2	62.3	48.7	57.7	25.0
Iowa .....	—	—	414.8	199.0	72.2	67.8	78.2	43.9	19.7
Kansas .....	—	—	380.1	165.2	81.1	59.8	66.0	54.9	16.9
Michigan .....	—	—	339.6	138.7	84.1	54.9	54.1	42.1	29.6
Minnesota .....	—	—	398.2	150.2	99.2	66.8	50.0	55.3	28.3
Missouri .....	—	—	343.3	138.2	86.1	60.2	48.7	47.8	25.9
Nebraska .....	—	—	426.8	195.1	78.5	68.4	75.2	48.3	20.4
North Dakota .....	—	—	395.3	172.6	81.7	53.9	77.1	57.8	15.1
Ohio .....	—	—	433.2	171.0	96.7	67.5	61.8	57.3	25.0
South Dakota .....	—	—	171.6	112.9	27.6	42.9	49.0	13.9	12.0
Wisconsin .....	—	—	371.0	157.1	83.2	64.8	56.0	45.4	26.0
<b>South</b> .....	—	—	<b>553.9</b>	<b>231.3</b>	<b>97.4</b>	<b>90.3</b>	<b>74.1</b>	<b>58.9</b>	<b>24.2</b>
Alabama .....	—	—	626.3	261.1	101.1	103.4	77.5	58.6	26.8
Arkansas .....	—	—	506.6	198.4	103.3	71.1	74.4	58.5	28.2
Delaware .....	—	—	552.5	229.6	97.9	103.7	61.8	47.2	34.4
District of Columbia .....	—	—	288.8	142.7	60.2	77.5	36.7	50.0	6.8
Florida .....	—	—	504.9	192.1	107.1	88.4	55.1	56.6	32.3
Georgia .....	—	—	547.4	187.3	125.4	76.2	63.0	70.8	31.9
Kentucky .....	—	—	443.8	207.9	76.6	77.5	73.4	39.7	26.4
Louisiana .....	—	—	477.7	218.1	81.6	73.1	83.7	63.3	11.2
Maryland .....	—	—	485.8	216.9	84.9	101.3	57.4	45.0	27.5
Mississippi .....	—	—	438.0	239.0	58.7	89.9	78.6	35.2	17.4
North Carolina .....	—	—	536.7	203.2	110.0	96.9	54.0	65.2	27.1
Oklahoma .....	—	—	348.2	166.1	68.4	45.7	82.6	52.7	10.3
South Carolina .....	—	—	710.6	316.1	94.8	135.3	76.8	54.1	26.4
Tennessee .....	—	—	583.6	203.3	125.4	90.2	59.5	64.7	36.9
Texas .....	—	—	703.0	302.5	99.5	109.9	91.8	70.9	16.7
Virginia .....	—	—	704.4	272.1	116.2	96.7	89.2	65.1	30.9
West Virginia .....	—	—	286.0	184.1	35.9	26.2	125.2	19.6	13.7
<b>West</b> .....	—	—	<b>412.4</b>	<b>174.5</b>	<b>86.7</b>	<b>70.1</b>	<b>61.4</b>	<b>52.5</b>	<b>22.4</b>
Alaska .....	—	—	690.6	430.2	49.1	135.7	124.9	58.5	-5.9
Arizona .....	—	—	627.4	263.1	100.3	108.0	74.6	56.8	27.7
California .....	—	—	397.6	163.1	89.1	70.9	54.0	53.5	23.2
Colorado .....	—	—	401.4	179.1	79.7	71.7	62.5	45.7	23.3
Hawaii .....	—	—	308.7	128.7	78.7	58.2	44.6	47.2	21.4
Idaho .....	—	—	435.9	197.3	80.2	74.4	70.5	51.1	19.3
Montana .....	—	—	240.9	99.1	71.2	48.6	34.4	65.2	3.7
Nevada .....	—	—	628.7	234.2	118.0	67.0	100.1	57.1	38.8
New Mexico .....	—	—	419.1	179.7	85.6	36.6	104.8	49.7	24.0
Oregon .....	—	—	382.0	176.2	74.5	57.9	75.0	41.9	22.9
Utah .....	—	—	485.1	177.5	110.8	59.8	73.7	65.7	27.2
Washington .....	—	—	392.6	183.3	73.9	70.2	66.4	47.0	18.3
Wyoming .....	—	—	447.0	176.8	97.6	56.3	77.1	76.7	11.8
<b>U.S. Service Schools</b> .....	—	—	<b>487.1</b>	<b>213.4</b>	<b>87.3</b>	<b>96.3</b>	<b>59.7</b>	<b>66.7</b>	<b>12.3</b>
<b>Outlying Areas</b> .....	—	—	<b>396.3</b>	<b>139.5</b>	<b>107.2</b>	<b>85.1</b>	<b>29.3</b>	<b>74.4</b>	<b>18.8</b>
American Samoa .....	—	—	29.3	46.4	-11.7	19.2	22.9	-23.3	15.2
Guam .....	—	—	570.6	183.7	136.4	107.5	36.7	80.6	30.9
Northern Marianas .....	—	—	—	—	—	—	—	—	77.3
Puerto Rico .....	—	—	374.9	136.0	101.2	93.1	22.2	73.5	16.0
Trust Territories .....	—	—	—	—	831.9	—	—	350.3	107.0
Virgin Islands .....	—	—	404.5	154.1	98.5	—	—	53.6	29.2

Chart 34a.—Percentage change in current-fund expenditures for public institutions of higher education, by state: 1969-70 to 1987-88 (in unadjusted dollars)

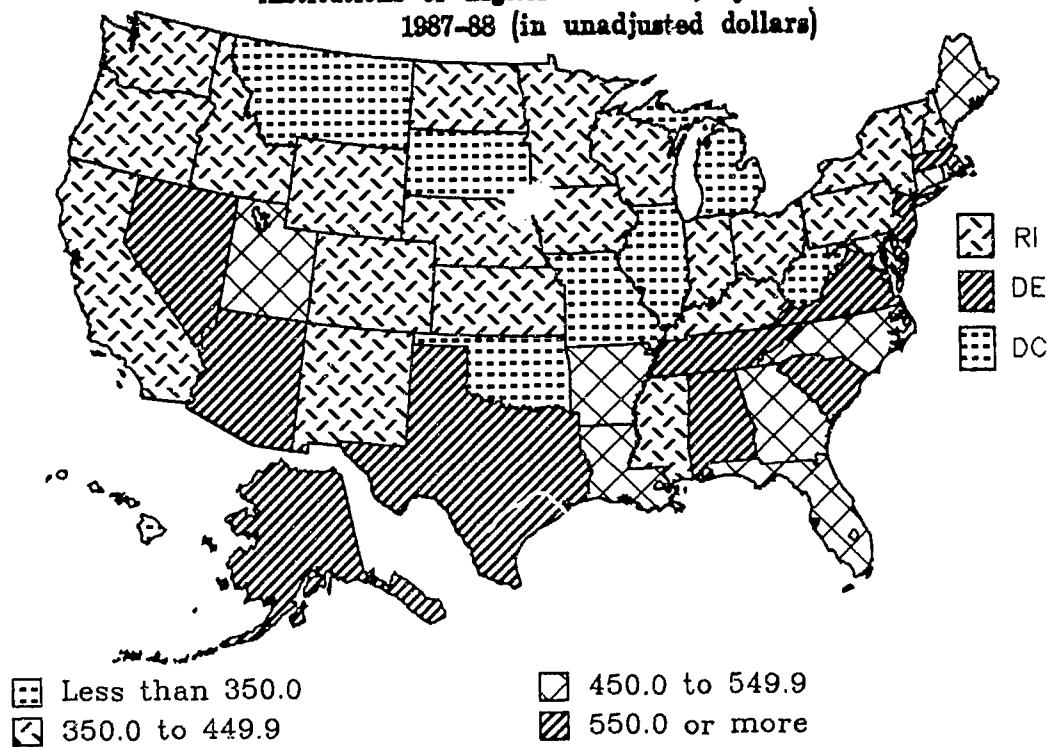
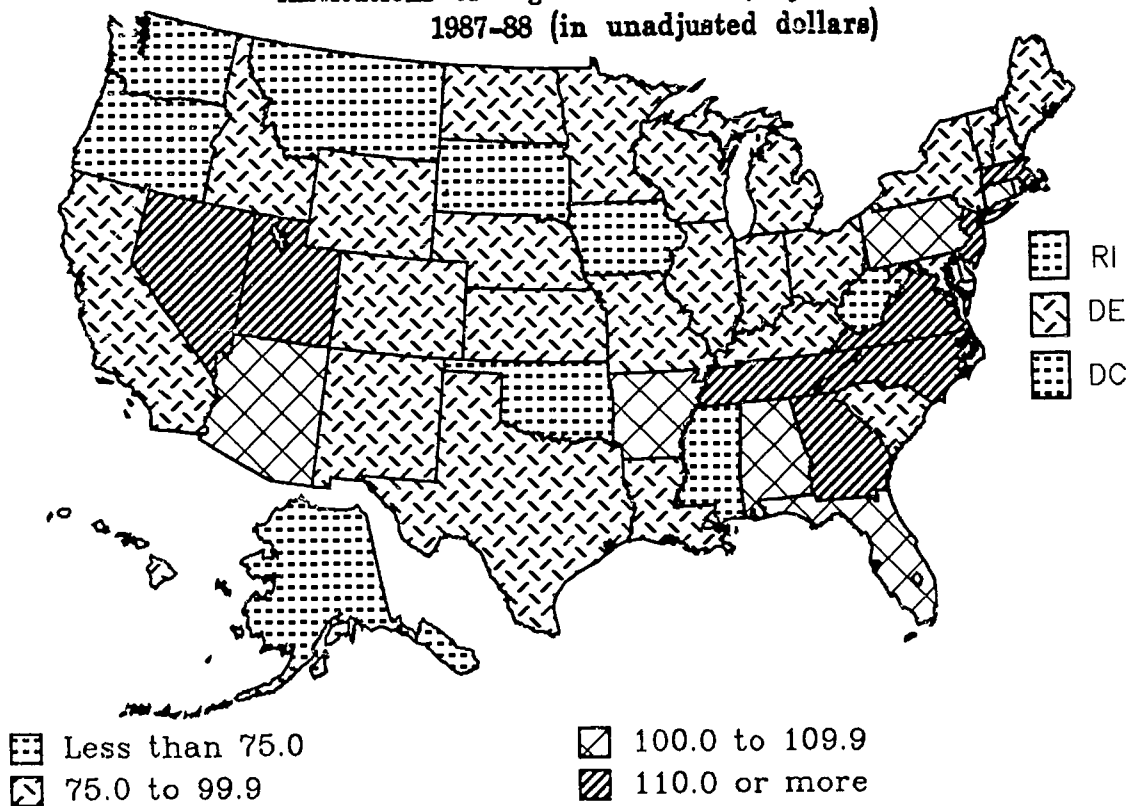


Chart 34b.—Percentage change in current-fund expenditures for public institutions of higher education, by state: 1979-80 to 1987-88 (in unadjusted dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Financial Statistics of Institutions of Higher Education surveys; and IPEDS, Financial Statistics surveys.





Table 35.—Current-fund expenditures of public institutions of higher education, by region and state:  
1969-70 to 1987-88 (in thousands of constant 1987-88 dollars)—Continued

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1987-88	1969-70 to 1979-80	1979-80 to 1987-88	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1987-88
<b>United States</b> .....	—	—	78.8	38.7	28.9	29.3	7.3	13.3	13.7
<b>Northeast</b> .....	—	—	89.8	38.7	36.9	43.4	-3.3	15.2	18.8
Connecticut .....	—	—	86.2	36.2	36.7	25.9	8.2	14.9	19.0
Maine .....	—	—	83.7	39.4	31.8	36.6	2.1	11.9	17.8
Massachusetts .....	—	—	167.6	59.2	68.1	58.8	0.3	30.9	28.4
New Hampshire .....	—	—	69.3	38.1	22.5	29.2	6.9	1.4	20.8
New Jersey .....	—	—	143.0	64.9	47.3	51.3	9.0	17.2	25.7
New York .....	—	—	77.4	37.6	38.8	53.5	-10.4	14.2	12.9
Pennsylvania .....	—	—	71.5	24.6	37.7	28.6	-3.1	13.3	21.5
Rhode Island .....	—	—	56.4	36.5	14.6	29.9	5.1	0.8	13.6
Vermont .....	—	—	73.3	31.0	32.2	24.4	5.4	16.2	13.8
<b>Midwest</b> .....	—	—	52.7	23.0	24.1	17.8	4.4	9.4	13.5
Illinois .....	—	—	36.3	16.0	17.5	16.1	-0.1	7.0	9.8
Indiana .....	—	—	55.1	17.4	32.2	18.3	-0.8	15.8	14.1
Iowa .....	—	—	67.9	45.5	15.4	22.4	18.9	5.6	9.3
Kansas .....	—	—	56.6	29.0	21.3	16.5	10.7	13.7	6.7
Michigan .....	—	—	43.3	16.2	23.4	13.0	2.8	4.3	18.3
Minnesota .....	—	—	62.5	21.7	33.5	21.7	0.1	14.0	17.1
Missouri .....	—	—	44.5	15.9	24.7	16.9	-0.8	8.5	14.9
Nebraska .....	—	—	71.8	43.6	19.6	22.8	16.9	8.8	9.9
North Dakota .....	—	—	61.5	32.6	21.8	12.3	18.2	15.9	5.1
Ohio .....	—	—	73.9	31.9	31.8	22.2	7.9	15.5	14.2
South Dakota .....	—	—	-11.4	3.6	-14.5	4.2	-0.6	16.4	2.2
Wisconsin .....	—	—	53.6	25.1	22.8	20.2	4.1	6.8	15.0
<b>South</b> .....	—	—	113.2	61.2	32.3	38.8	16.1	16.6	13.4
Alabama .....	—	—	136.8	75.7	34.8	48.3	18.4	16.4	15.8
Arkansas .....	—	—	97.8	45.2	36.2	24.8	16.3	16.3	17.1
Delaware .....	—	—	112.8	60.4	32.7	48.6	8.0	8.1	22.8
District of Columbia .....	—	—	26.8	18.1	7.4	29.5	-8.8	10.1	-2.5
Florida .....	—	—	97.2	42.1	38.8	37.4	3.4	14.9	20.8
Georgia .....	—	—	111.1	39.8	51.0	28.5	8.8	25.4	20.5
Kentucky .....	—	—	77.3	49.8	18.4	29.5	15.7	2.6	15.4
Louisiana .....	—	—	88.4	54.8	21.7	26.3	22.6	19.8	1.6
Maryland .....	—	—	91.0	54.2	23.9	46.8	5.0	6.4	16.4
Mississippi .....	—	—	75.4	65.0	6.3	38.5	19.1	-0.8	7.2
North Carolina .....	—	—	107.6	47.5	40.7	43.6	2.7	21.2	16.1
Oklahoma .....	—	—	46.1	29.5	12.9	6.3	21.8	12.1	0.7
South Carolina .....	—	—	164.3	102.5	30.6	71.6	18.0	13.1	15.4
Tennessee .....	—	—	122.9	47.6	51.1	38.7	6.4	20.9	25.0
Texas .....	—	—	161.9	95.9	33.7	53.1	28.0	25.5	6.6
Virginia .....	—	—	162.3	81.1	44.9	43.4	26.2	21.2	19.5
West Virginia .....	—	—	25.9	38.2	-8.9	-8.0	50.2	-12.2	3.8
<b>West</b> .....	—	—	67.1	33.6	25.1	24.1	7.7	11.9	11.8
Alaska .....	—	—	157.8	158.0	-0.1	71.9	50.0	16.3	-14.1
Arizona .....	—	—	137.2	76.7	34.3	51.7	16.5	12.1	16.6
California .....	—	—	62.3	28.0	26.8	24.6	2.7	12.7	12.5
Colorado .....	—	—	63.5	35.8	20.4	25.2	8.4	6.9	12.6
Hawaii .....	—	—	33.3	11.3	19.7	15.4	-3.5	8.1	10.8
Idaho .....	—	—	74.8	44.7	20.8	27.2	13.7	10.9	8.9
Montana .....	—	—	11.2	-3.1	14.8	8.4	-10.6	21.2	-5.4
Nevada .....	—	—	137.6	62.6	46.1	21.8	33.5	15.3	26.7
New Mexico .....	—	—	69.3	36.1	24.4	-0.4	36.6	9.9	13.2
Oregon .....	—	—	57.2	34.4	16.9	15.1	16.7	4.2	12.2
Utah .....	—	—	90.8	35.0	41.3	16.6	15.9	21.6	16.2
Washington .....	—	—	60.6	37.8	16.5	24.2	11.0	7.9	8.0
Wyoming .....	—	—	78.4	34.7	32.4	14.0	18.2	29.7	2.1
<b>U.S. Service Schools</b> .....	—	—	91.4	52.5	25.5	43.2	6.5	22.4	2.6
<b>Outlying Areas</b> .....	—	—	61.8	16.5	18.9	35.0	-13.7	28.0	8.5
American Samoa .....	—	—	-57.8	-28.8	—	-13.1	-18.0	-43.7	5.2
Guam .....	—	—	118.7	38.0	28.4	51.3	-8.8	32.5	19.5
Northern Marianas .....	—	—	—	—	—	—	—	—	61.9
Puerto Rico .....	—	—	54.9	14.8	34.9	40.8	-18.5	27.3	5.9
Trust Territories .....	—	—	—	—	524.5	—	—	230.5	89.0
Virgin Islands .....	—	—	64.5	23.6	33.1	—	—	12.8	18.0

Chart 35a.—Percentage change in current-fund expenditures for public institutions of higher education, by state: 1969-70 to 1987-88 (in constant 1987-88 dollars)

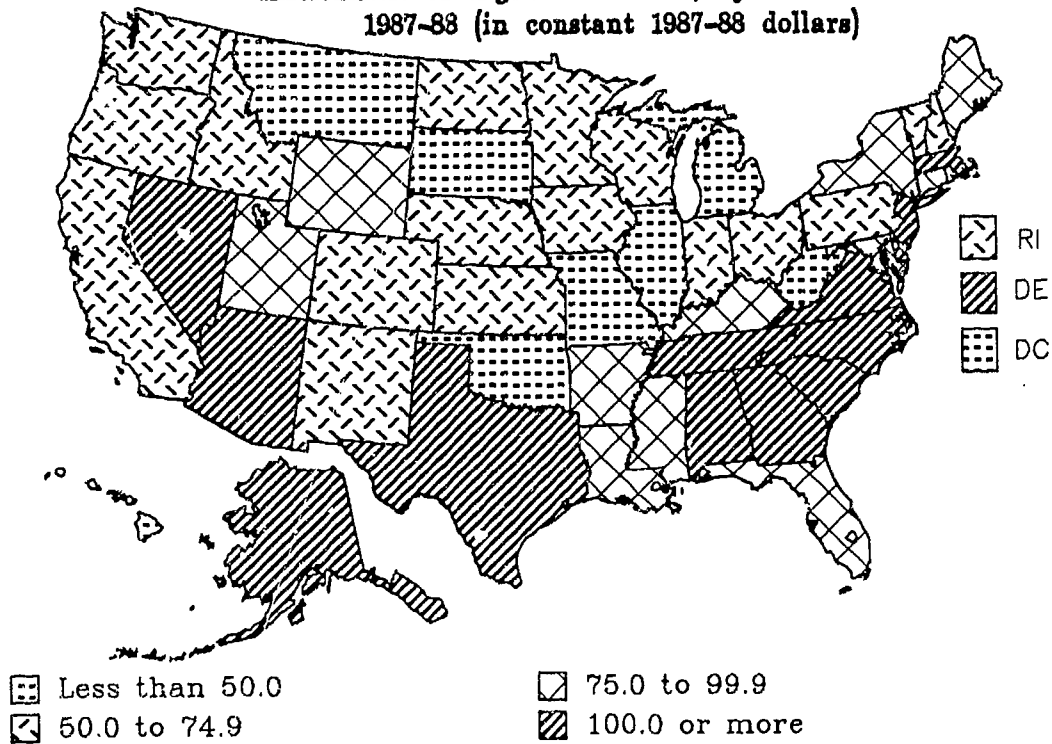
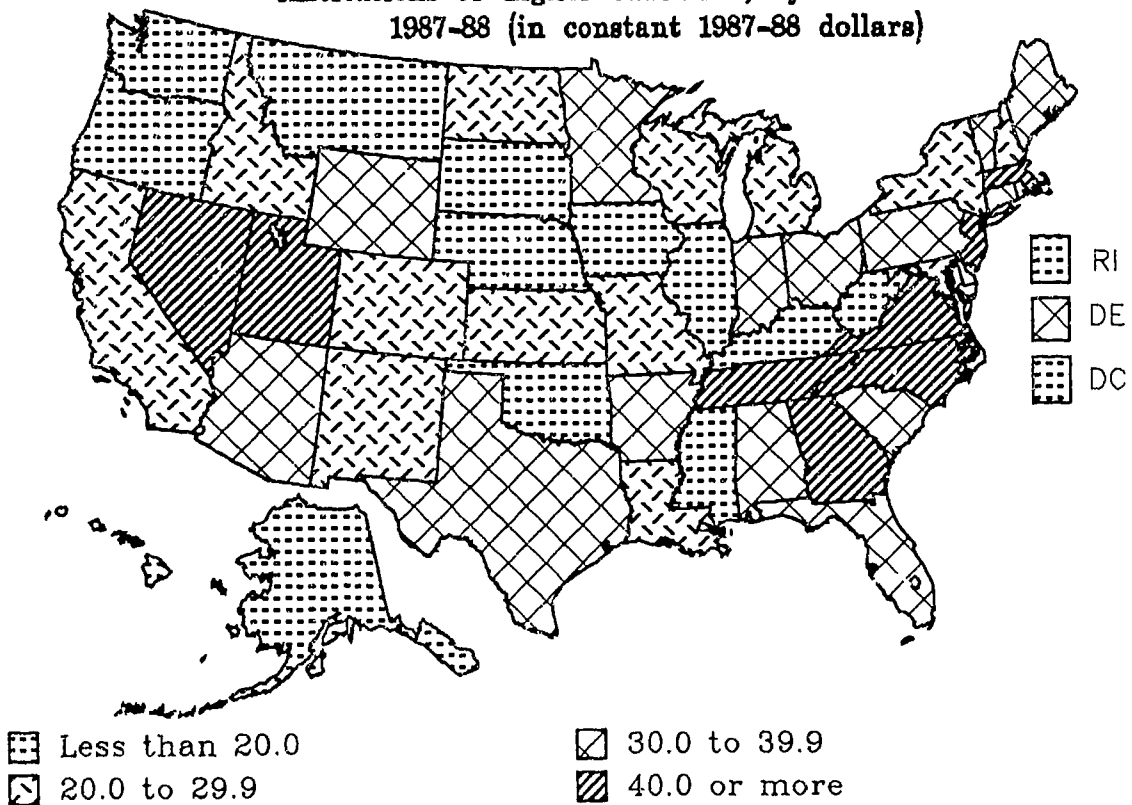


Chart 35b.—Percentage change in current-fund expenditures for public institutions of higher education, by state: 1979-80 to 1987-88 (in constant 1987-88 dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Financial Statistics of Institutions of Higher Education surveys; and IPEDS, Financial Statistics surveys.



**Table 36.—Current-fund expenditures of private institutions of higher education, by region and state:  
1969-70 to 1987-88 (in thousands of unadjusted dollars)**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b> .....	<b>\$7,793,567</b>	<b>\$8,379,155</b>	<b>\$9,075,235</b>	<b>\$9,751,877</b>	<b>\$10,377,297</b>	<b>\$11,567,582</b>	<b>\$12,719,221</b>	<b>\$13,964,750</b>	<b>\$15,245,671</b>
<b>Northeast</b> .....	<b>3,504,607</b>	<b>3,754,408</b>	<b>3,991,197</b>	<b>4,282,740</b>	<b>4,522,320</b>	<b>4,893,993</b>	<b>5,419,256</b>	<b>5,821,411</b>	<b>6,344,561</b>
Connecticut .....	214,832	232,290	244,682	259,729	278,451	300,000	326,326	356,645	380,301
Maine .....	31,353	33,391	35,254	36,306	39,787	43,316	47,325	52,580	58,032
Massachusetts .....	848,749	893,832	948,374	1,022,734	1,049,949	1,139,526	1,232,292	1,314,857	1,453,353
New Hampshire .....	56,971	62,790	69,351	75,347	79,819	85,729	94,896	102,945	111,465
New Jersey .....	185,684	203,785	212,791	227,401	244,714	272,470	306,955	336,853	352,214
New York .....	1,434,458	1,553,023	1,640,517	1,736,080	1,881,026	1,994,976	2,178,178	2,311,061	2,493,546
Pennsylvania .....	632,640	666,338	721,321	798,302	813,199	908,442	1,068,238	1,171,385	1,301,747
Rhode Island .....	66,614	71,668	75,868	82,540	90,150	100,520	110,924	118,307	130,922
Vermont .....	33,306	37,290	43,038	44,301	45,226	48,925	54,122	56,778	62,979
<b>Midwest</b> .....	<b>1,699,174</b>	<b>1,805,617</b>	<b>1,984,426</b>	<b>2,101,200</b>	<b>2,228,220</b>	<b>2,595,773</b>	<b>2,892,965</b>	<b>3,121,536</b>	<b>3,436,953</b>
Illinois .....	576,237	612,834	731,567	763,527	803,920	929,680	1,050,199	1,184,921	1,317,489
Indiana .....	150,807	163,855	168,977	176,250	185,821	195,378	214,856	234,028	248,063
Iowa .....	102,727	104,735	108,119	111,518	112,342	135,033	146,640	157,103	173,030
Kansas .....	34,263	35,644	36,489	36,827	39,825	43,023	48,258	53,055	57,334
Michigan .....	116,569	125,923	131,739	143,140	158,235	180,744	203,008	216,076	239,720
Minnesota .....	90,029	95,503	100,362	109,750	120,344	124,896	154,272	207,460	236,436
Missouri .....	187,755	197,030	208,628	225,018	242,990	293,296	333,990	371,266	405,956
Nebraska .....	41,800	43,967	42,397	46,819	49,809	55,225	61,529	66,636	73,430
North Dakota .....	3,246	3,736	3,798	4,402	4,764	6,567	7,263	8,218	8,886
Ohio .....	287,479	306,539	327,881	347,485	367,825	377,897	408,385	442,156	478,108
South Dakota .....	15,090	16,369	17,395	18,099	18,693	22,175	26,962	27,955	28,478
Wisconsin .....	93,172	99,481	107,075	118,365	123,654	131,857	147,602	152,664	170,023
<b>South</b> .....	<b>1,634,789</b>	<b>1,792,123</b>	<b>1,966,717</b>	<b>2,152,457</b>	<b>2,321,249</b>	<b>2,607,011</b>	<b>2,864,409</b>	<b>3,153,061</b>	<b>3,470,525</b>
Alabama .....	46,089	49,114	51,350	57,562	63,201	68,318	75,673	79,897	90,989
Arkansas .....	18,212	19,749	20,851	23,001	25,450	30,169	31,833	34,743	37,868
Delaware .....	5,052	6,482	6,672	6,948	7,405	8,682	9,037	9,912	10,426
District of Columbia .....	238,885	272,137	305,279	335,600	369,547	416,282	473,140	533,710	573,189
Florida .....	136,131	150,936	162,619	177,082	199,111	231,706	250,670	285,761	317,421
Georgia .....	117,204	127,369	135,943	150,490	167,751	196,240	216,531	233,615	258,346
Kentucky .....	49,285	52,639	53,310	55,240	57,757	63,707	65,500	72,504	87,077
Louisiana .....	72,468	77,797	77,797	83,073	86,071	92,596	103,245	121,797	141,676
Maryland .....	180,106	199,428	220,604	240,560	259,159	282,014	303,660	323,559	360,016
Mississippi .....	19,266	20,343	21,241	23,336	24,977	29,984	33,148	35,022	38,232
North Carolina .....	201,581	216,413	252,871	273,554	294,374	324,705	348,097	381,469	416,713
Oklahoma .....	32,688	34,958	38,172	41,407	46,835	54,196	60,536	71,342	81,600
South Carolina .....	51,495	55,767	59,485	64,284	69,510	76,535	81,936	89,551	97,020
Tennessee .....	153,048	175,054	199,223	223,385	223,101	255,798	285,187	299,691	325,039
Texas .....	208,749	223,830	241,039	271,352	291,041	327,652	357,087	398,802	430,779
Virginia .....	79,595	84,321	92,032	98,479	106,796	116,992	133,619	144,298	163,632
West Virginia .....	24,933	25,787	27,007	26,904	29,163	31,436	35,960	37,390	40,500
<b>West</b> .....	<b>954,998</b>	<b>1,027,007</b>	<b>1,132,895</b>	<b>1,215,480</b>	<b>1,305,508</b>	<b>1,470,805</b>	<b>1,632,591</b>	<b>1,868,742</b>	<b>1,993,631</b>
Alaska .....	3,021	3,200	5,788	4,021	4,309	4,591	4,564	4,243	4,842
Arizona .....	7,010	8,349	8,532	10,949	10,004	12,302	11,142	12,542	13,715
California .....	728,213	774,755	865,658	930,578	999,075	1,134,223	1,260,884	1,465,548	1,547,038
Colorado .....	45,497	49,260	50,929	54,773	59,318	63,228	68,098	72,275	80,357
Hawaii .....	6,365	7,178	7,820	8,484	9,012	9,270	9,575	9,850	11,962
Idaho .....	10,588	11,984	13,105	13,888	14,352	16,140	20,100	22,181	24,676
Montana .....	5,399	5,852	6,201	6,339	6,821	7,702	8,482	9,181	9,766
Nevada .....	46	59	70	81	91	167	161	0	306
New Mexico .....	6,413	8,186	10,423	8,721	10,143	9,830	12,090	13,168	13,245
Oregon .....	37,329	39,245	42,037	43,964	48,534	53,404	62,319	69,874	77,750
Utah .....	58,659	67,184	67,207	73,910	77,762	84,187	89,937	95,559	106,032
Washington .....	46,457	51,756	55,126	59,774	66,086	75,760	85,239	94,321	103,940
Wyoming .....	—	—	—	—	—	—	—	—	—
<b>U.S. Service Schools</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Outlying Areas</b> .....	<b>18,444</b>	<b>23,594</b>	<b>35,227</b>	<b>42,113</b>	<b>44,947</b>	<b>49,803</b>	<b>64,171</b>	<b>78,304</b>	<b>96,308</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	18,444	23,594	35,227	42,113	44,947	49,803	64,171	78,304	96,308
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

—Data not available or not applicable.

**Table 36.—Current-fund expenditures of private institutions of higher education, by region and state:  
1969-70 to 1987-88 (in thousands of unadjusted dollars)—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>\$16,988,111</b>	<b>\$19,145,618</b>	<b>\$21,773,132</b>	<b>\$24,120,314</b>	<b>\$26,362,831</b>	<b>\$28,906,716</b>	<b>\$31,636,713</b>	<b>\$34,341,889</b>	<b>\$38,445,848</b>	<b>\$41,145,174</b>
<b>7,002,519</b>	<b>7,974,939</b>	<b>9,125,158</b>	<b>10,198,147</b>	<b>11,191,834</b>	<b>12,289,123</b>	<b>13,489,946</b>	<b>14,712,868</b>	<b>15,935,863</b>	<b>17,323,752</b>
418,449	473,590	531,921	597,281	649,916	709,565	772,262	836,949	905,945	998,845
64,416	72,277	82,416	92,524	101,794	108,405	122,332	133,778	148,665	158,746
1,621,408	1,863,610	2,130,640	2,373,007	2,633,829	2,939,165	3,222,875	3,544,867	3,924,351	4,234,020
123,445	138,816	164,923	184,480	205,275	226,934	241,452	264,440	288,346	308,173
384,173	417,528	486,422	544,693	597,949	660,582	700,757	714,733	749,981	804,172
2,812,591	3,123,347	3,527,430	3,916,780	4,240,555	4,612,806	5,129,897	5,596,257	5,929,789	6,509,272
1,443,592	1,640,302	1,916,417	2,169,006	2,412,451	2,643,848	2,874,245	3,155,505	3,455,512	3,728,079
146,438	165,796	193,080	215,284	237,599	264,113	287,400	315,651	354,910	390,167
68,007	79,675	91,908	105,093	112,467	123,705	138,726	150,689	178,365	192,278
<b>3,017,672</b>	<b>4,238,878</b>	<b>4,869,235</b>	<b>5,317,437</b>	<b>5,738,498</b>	<b>6,255,044</b>	<b>6,733,135</b>	<b>7,173,660</b>	<b>7,757,146</b>	<b>8,353,429</b>
1,487,535	1,652,278	1,899,973	2,036,045	2,192,661	2,397,957	2,575,493	2,729,672	2,776,192	2,993,577
273,761	305,091	356,713	391,780	419,410	460,321	492,798	530,163	599,905	654,986
188,575	204,948	234,415	259,493	279,576	308,880	330,922	353,753	379,510	419,662
63,748	71,338	82,188	87,955	91,619	100,285	99,841	105,193	124,003	120,672
261,797	295,350	328,904	352,036	356,481	395,196	428,118	447,436	487,870	538,939
253,366	279,257	324,936	370,932	404,120	440,592	482,548	521,441	576,597	631,183
453,749	498,407	573,097	643,871	713,716	759,788	827,259	904,573	1,060,164	1,082,391
79,655	90,336	105,503	116,739	132,976	142,701	151,298	161,066	167,941	184,796
9,391	11,115	11,768	14,524	15,449	16,888	18,509	18,853	15,607	15,950
522,794	577,484	654,637	722,046	780,865	851,962	920,689	976,303	1,106,174	1,160,274
32,243	35,461	41,344	39,875	43,247	47,202	48,044	51,675	58,207	59,589
191,057	217,813	255,757	282,140	308,377	333,272	357,616	373,533	404,976	491,413
<b>3,857,899</b>	<b>4,392,919</b>	<b>4,992,895</b>	<b>5,553,960</b>	<b>6,075,605</b>	<b>6,645,339</b>	<b>7,259,866</b>	<b>7,876,890</b>	<b>9,346,914</b>	<b>9,851,154</b>
97,774	107,761	115,275	128,272	138,156	146,316	181,172	186,596	179,589	195,821
38,608	42,281	50,501	55,466	59,145	62,394	67,069	70,755	79,769	90,052
11,163	12,993	15,116	21,214	22,716	24,451	27,760	29,569	32,508	36,219
641,994	735,348	847,964	947,978	1,032,749	1,115,209	1,214,024	1,307,377	1,420,576	1,550,952
348,396	393,931	462,879	507,086	557,949	615,004	666,774	723,270	858,316	928,429
296,450	337,793	391,409	455,335	509,725	562,510	624,773	696,734	851,540	865,200
99,438	107,674	120,638	134,060	146,783	156,024	175,260	194,873	207,593	227,793
158,382	175,701	209,710	245,076	276,414	303,778	324,687	353,433	381,628	427,935
403,842	472,817	525,414	579,731	643,372	714,540	790,381	896,251	1,012,230	1,124,171
40,807	45,801	50,297	52,728	54,529	59,057	63,102	64,054	69,724	72,950
468,333	530,465	587,101	623,982	673,347	721,364	778,205	837,291	1,447,346	1,306,506
96,798	107,175	127,066	147,207	159,442	167,556	171,261	178,905	197,807	221,224
111,200	121,889	122,523	132,894	138,058	174,171	186,770	196,271	229,559	250,297
352,200	396,524	460,523	494,926	533,552	578,041	632,194	686,514	753,952	828,714
468,179	539,675	618,063	701,467	776,517	858,211	935,868	993,824	1,115,858	1,174,184
180,048	211,214	234,720	265,944	290,495	320,047	347,864	387,455	429,728	474,750
44,280	53,878	53,695	60,394	62,655	66,666	72,700	73,716	79,191	75,958
<b>2,230,021</b>	<b>2,538,882</b>	<b>2,785,844</b>	<b>3,050,770</b>	<b>3,356,895</b>	<b>3,717,209</b>	<b>4,153,767</b>	<b>4,578,470</b>	<b>5,405,925</b>	<b>5,616,838</b>
6,690	6,055	6,459	7,551	8,672	8,534	10,106	10,171	14,110	15,901
14,888	16,938	25,919	30,011	32,230	41,506	49,437	52,887	108,992	82,342
1,725,588	1,976,260	2,143,974	2,339,270	2,591,997	2,886,125	3,253,339	3,644,031	4,271,745	4,466,429
90,458	101,894	117,004	131,220	143,842	153,465	161,350	160,193	213,656	195,062
14,285	16,103	18,939	20,773	22,219	25,099	27,923	32,553	59,695	64,711
28,352	32,200	35,851	38,913	42,326	45,196	49,784	49,768	53,552	60,913
11,216	12,337	15,377	18,498	20,077	20,327	21,369	22,349	21,596	23,494
333	318	365	447	734	1,121	1,246	2,448	4,363	2,091
14,295	15,226	18,105	17,525	18,980	19,896	21,359	22,196	16,375	19,941
89,419	99,733	113,122	125,406	131,787	147,198	160,702	171,604	186,107	206,573
115,347	125,723	138,390	146,317	154,949	164,932	176,486	183,060	210,210	205,492
119,151	136,093	151,978	174,457	189,082	203,810	220,666	227,211	244,546	271,361
—	—	360	380	—	—	—	—	977	2,527
—	—	—	—	—	—	—	—	—	—
<b>102,861</b>	<b>111,532</b>	<b>120,413</b>	<b>139,664</b>	<b>151,369</b>	<b>174,551</b>	<b>188,667</b>	<b>198,653</b>	<b>209,285</b>	<b>231,581</b>
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
102,861	32	120,413	139,664	151,369	174,551	188,667	198,653	209,285	231,581
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

SOURCE: U.S. Department of Education, National Center for Education Statistics. Higher Education General Information Survey, "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System, "Financial Statistics" surveys.

Table 36.—Current-fund expenditures of private institutions of higher education, by region and state:  
1969-70 to 1987-88 (in thousands of unadjusted dollars)—Continued

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1987-88	1969-70 to 1979-80	1979-80 to 1987-88	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1987-88
United States .....	—	—	427.9	145.7	114.9	48.4	65.5	65.2	30.1
Northeast .....	—	—	394.3	127.6	117.2	39.6	63.0	69.2	28.4
Connecticut .....	—	—	364.9	120.4	110.9	39.7	57.8	63.1	29.3
Maine .....	—	—	406.3	130.5	119.6	38.2	66.9	69.3	29.8
Massachusetts .....	—	—	398.9	119.6	127.2	34.3	63.5	72.9	31.4
New Hampshire .....	—	—	440.9	143.7	122.0	50.5	61.9	73.9	27.6
New Jersey .....	—	—	333.1	124.9	92.6	46.7	53.2	67.8	14.8
New York .....	—	—	353.8	117.7	108.4	39.1	56.6	64.2	26.9
Pennsylvania .....	—	—	489.3	159.3	127.3	43.6	80.6	75.2	29.7
Rhode Island .....	—	—	485.7	148.9	135.3	50.9	64.9	73.3	35.8
Vermont .....	—	—	477.3	139.2	141.3	46.9	62.9	74.1	38.6
Midwest .....	—	—	391.6	149.5	97.1	52.8	63.3	58.1	24.1
Illinois .....	—	—	419.5	186.7	81.2	61.3	77.7	55.9	16.2
Indiana .....	—	—	334.3	102.3	114.7	29.6	56.2	61.5	32.9
Iowa .....	—	—	308.5	99.5	104.8	31.4	51.8	61.5	26.8
Kansas .....	—	—	252.2	108.2	69.2	25.6	65.8	40.0	20.9
Michigan .....	—	—	362.3	153.4	82.5	55.1	63.4	45.0	25.9
Minnesota .....	—	—	601.1	210.2	126.0	149.8	24.2	72.8	30.8
Missouri .....	—	—	476.5	165.5	117.2	56.2	69.9	66.0	30.8
Nebraska .....	—	—	342.1	116.1	104.6	32.1	63.6	67.5	22.1
North Dakota .....	—	—	391.4	242.5	43.5	102.3	69.3	66.5	-13.8
Ohio .....	—	—	303.6	100.9	100.9	31.5	52.8	59.4	26.0
South Dakota .....	—	—	294.9	135.0	68.0	47.0	59.9	35.5	24.0
Wisconsin .....	—	—	427.4	133.8	125.6	41.5	65.2	64.2	37.4
South .....	—	—	502.6	168.7	124.3	59.5	68.5	65.3	35.7
Alabama .....	—	—	324.9	133.8	81.7	48.2	57.7	68.1	8.1
Arkansas .....	—	—	394.5	132.2	113.0	65.7	40.1	58.6	34.3
Delaware .....	—	—	616.9	157.2	178.8	71.9	49.6	113.7	30.5
District of Columbia .....	—	—	549.2	207.8	110.9	74.3	76.6	65.1	27.8
Florida .....	—	—	582.0	189.4	135.7	70.2	70.0	69.3	39.2
Georgia .....	—	—	638.2	188.2	156.1	67.4	72.1	85.0	38.5
Kentucky .....	—	—	362.2	118.5	111.6	29.3	69.0	62.8	30.0
Louisiana .....	—	—	490.5	142.5	143.6	27.8	89.8	84.8	31.8
Maryland .....	—	—	524.2	162.5	137.8	56.6	67.7	67.2	42.2
Mississippi .....	—	—	278.6	137.7	59.3	55.6	52.8	37.8	15.6
North Carolina .....	—	—	548.1	163.2	146.3	61.1	63.4	46.7	67.9
Oklahoma .....	—	—	576.8	227.9	106.4	65.8	97.8	59.8	29.2
South Carolina .....	—	—	386.1	136.7	105.3	48.6	59.3	53.2	34.0
Tennessee .....	—	—	441.5	159.1	109.0	67.1	55.0	59.4	31.1
Texas .....	—	—	462.5	158.5	117.6	57.0	64.7	73.4	25.5
Virginia .....	—	—	496.5	165.4	124.8	47.0	80.5	64.7	36.5
West Virginia .....	—	—	204.6	116.1	41.0	26.1	71.4	34.9	4.5
West .....	—	—	488.2	165.9	121.2	54.0	72.6	63.6	35.2
Alaska .....	—	—	426.3	100.4	162.6	52.0	31.9	66.9	57.3
Arizona .....	—	—	1074.6	141.6	386.1	75.5	37.7	191.9	66.6
California .....	—	—	513.3	171.4	126.0	55.8	74.2	64.6	37.3
Colorado .....	—	—	328.7	124.0	91.4	39.0	61.2	58.4	20.9
Hawaii .....	—	—	916.6	153.0	301.9	45.6	73.7	73.4	131.7
Idaho .....	—	—	475.3	204.1	89.2	52.4	99.5	54.6	22.4
Montana .....	—	—	335.2	128.5	90.4	42.7	60.2	73.2	9.9
Nevada .....	—	—	4445.6	591.4	557.4	263.6	90.1	291.8	67.8
New Mexico .....	—	—	211.0	137.4	31.0	53.3	54.9	40.3	-6.6
Oregon .....	—	—	453.4	167.2	107.1	43.1	86.8	61.1	28.5
Utah .....	—	—	250.3	114.3	63.4	43.5	49.3	40.4	16.4
Washington .....	—	—	484.1	192.9	99.4	63.1	79.6	62.1	23.0
Wyoming .....	—	—	—	—	—	—	—	—	—
U.S. Service Schools .....	—	—	—	—	—	—	—	—	—
Outlying Areas .....	—	—	1155.6	504.7	107.6	170.0	123.9	69.2	22.7
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	1155.6	504.7	107.6	170.0	123.9	69.2	22.7
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

Chart 36a.—Percentage change in current-fund expenditures for private institutions of higher education, by state: 1969-70 to 1987-88 (in unadjusted dollars)

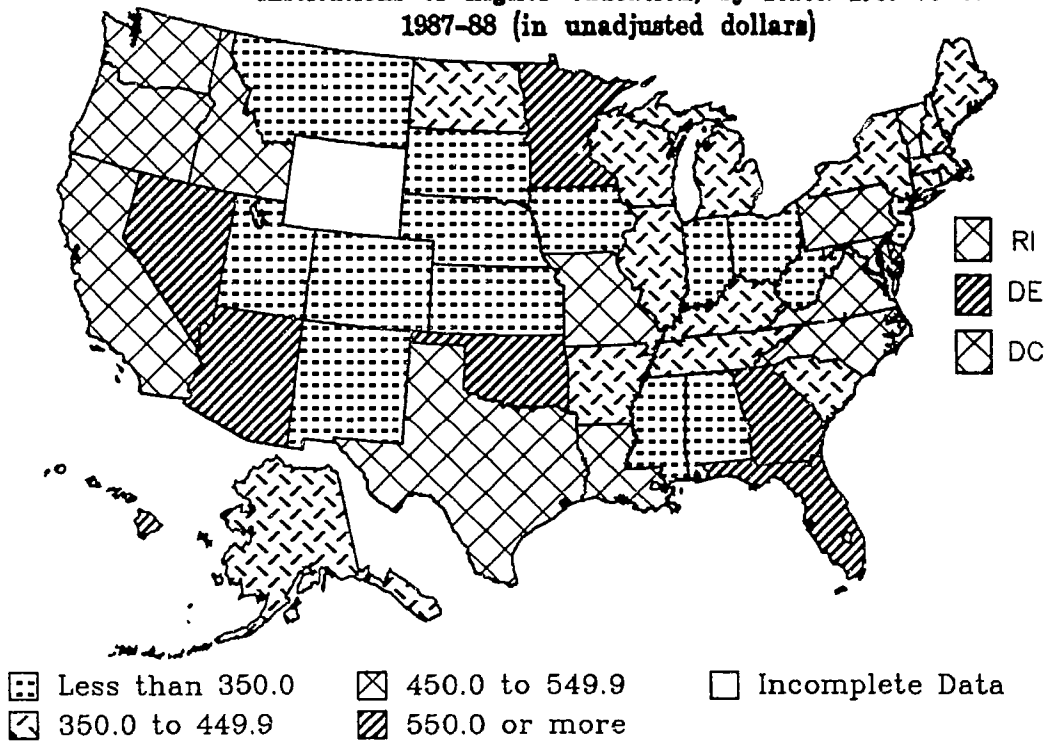
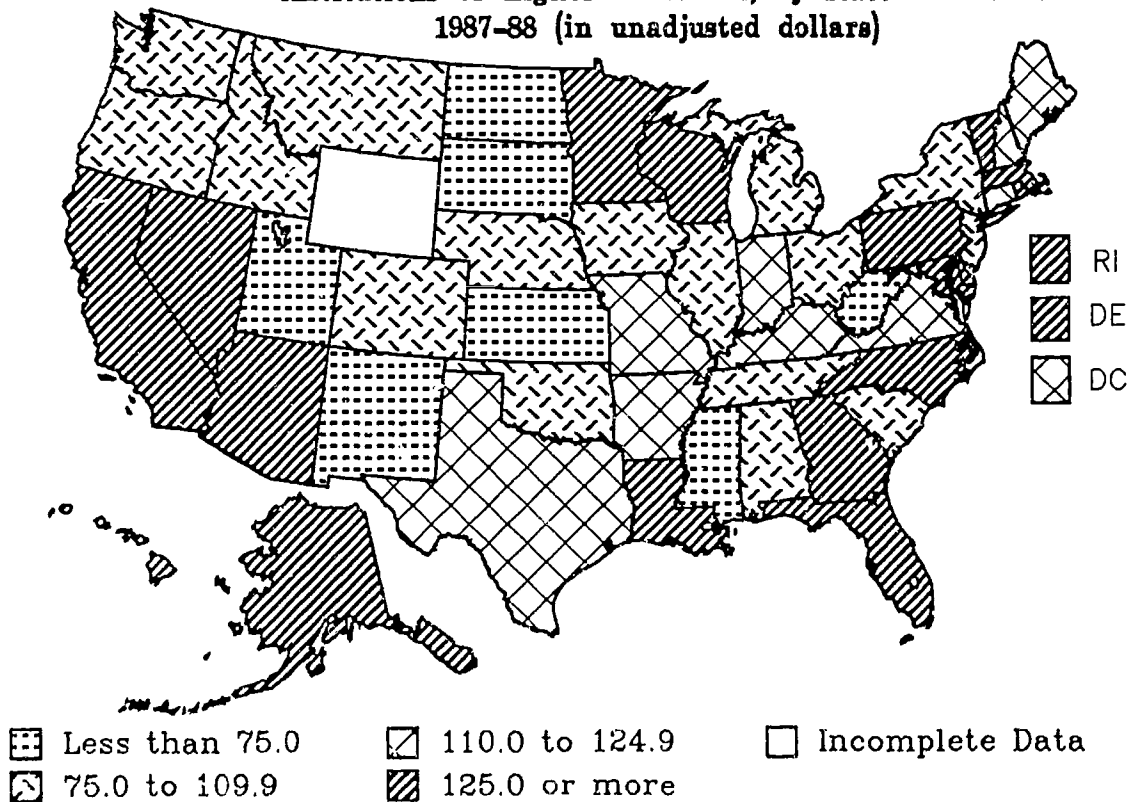


Chart 36b.—Percentage change in current-fund expenditures for private institutions of higher education, by state: 1979-80 to 1987-88 (in unadjusted dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIE, Financial Statistics of Institutions of Higher Education surveys; and IPEDS, Financial Statistics surveys.

Table 37.—Current-fund expenditures of private institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of constant 1987-88 dollars)

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b>	<b>\$23,899,996</b>	<b>\$24,434,438</b>	<b>\$25,547,833</b>	<b>\$26,389,389</b>	<b>\$25,782,881</b>	<b>\$25,872,950</b>	<b>\$26,568,213</b>	<b>\$27,562,608</b>	<b>\$28,197,419</b>
<b>Northeast</b>	<b>10,747,337</b>	<b>10,948,222</b>	<b>11,235,680</b>	<b>11,589,450</b>	<b>11,235,916</b>	<b>10,946,284</b>	<b>11,319,873</b>	<b>11,489,877</b>	<b>11,734,495</b>
Connecticut	658,810	677,381	688,809	702,849	691,824	671,204	681,638	703,920	703,381
Maine	96,147	97,372	99,245	98,246	98,852	96,884	98,854	103,779	107,333
Massachusetts	2,606,801	2,606,503	2,669,782	2,767,602	2,608,648	2,548,751	2,574,041	2,595,169	2,688,029
New Hampshire	174,710	183,102	195,232	203,895	198,313	191,748	198,222	203,186	206,159
New Jersey	569,423	594,259	599,032	615,367	608,005	609,429	641,176	664,855	651,432
New York	4,398,955	4,528,767	4,618,244	4,697,977	4,673,497	4,462,118	4,549,830	4,561,404	4,611,904
Pennsylvania	1,940,072	1,943,108	2,030,601	2,160,271	2,020,431	2,031,891	2,231,360	2,311,995	2,407,629
Rhode Island	204,281	208,990	213,577	223,359	223,982	224,830	231,702	233,505	242,146
Vermont	102,138	108,740	121,158	119,883	112,365	109,429	113,051	112,064	116,482
<b>Midwest</b>	<b>5,210,739</b>	<b>5,265,355</b>	<b>5,586,389</b>	<b>5,686,021</b>	<b>5,536,117</b>	<b>5,805,907</b>	<b>5,854,900</b>	<b>6,161,062</b>	<b>6,356,769</b>
Illinois	1,767,107	1,787,083	2,059,445	2,066,167	1,997,376	2,079,394	2,193,682	2,338,710	2,436,743
Indiana	462,471	477,816	475,689	476,947	461,680	436,999	448,797	461,907	458,801
Iowa	315,025	305,419	304,367	301,776	279,118	302,026	306,306	310,078	320,025
Kansas	105,071	103,942	102,721	99,656	98,946	96,229	100,802	104,716	105,042
Michigan	357,473	367,203	370,859	387,350	393,143	404,267	424,048	426,475	443,371
Minnesota	276,086	278,497	282,530	296,992	299,000	503,020	322,247	409,469	437,297
Missouri	575,775	574,559	587,312	608,917	603,721	656,009	697,646	732,778	750,831
Nebraska	128,186	128,212	119,352	126,696	123,754	123,520	128,524	131,521	135,812
North Dakota	9,954	10,895	10,692	11,911	11,836	14,689	15,172	16,220	16,434
Ohio	881,592	893,899	923,023	940,323	913,877	845,235	853,044	872,695	884,277
South Dakota	46,275	47,734	48,969	48,978	46,443	49,599	56,319	55,175	52,671
Wisconsin	285,724	290,097	301,430	320,305	307,223	294,923	308,314	301,318	314,465
<b>South</b>	<b>5,013,295</b>	<b>5,226,008</b>	<b>5,536,534</b>	<b>5,824,728</b>	<b>5,767,251</b>	<b>5,831,043</b>	<b>5,983,246</b>	<b>6,223,282</b>	<b>6,418,862</b>
Alabama	141,338	143,221	144,557	155,767	157,025	152,805	158,068	157,694	168,288
Arkansas	55,850	57,589	58,697	62,241	63,232	67,479	66,493	68,573	70,038
Delaware	15,493	18,903	18,783	18,801	18,398	19,420	18,876	19,564	19,283
District of Columbia	732,572	793,577	859,397	908,161	918,156	931,089	988,306	1,053,398	1,060,133
Florida	417,464	440,144	457,792	479,199	494,701	518,251	523,605	564,014	587,082
Georgia	359,421	371,419	382,696	407,238	416,786	438,925	452,295	461,092	477,821
Kentucky	151,140	153,501	150,075	149,484	143,499	142,493	135,878	143,102	161,054
Louisiana	222,234	226,864	222,444	224,803	213,848	207,106	215,661	240,393	262,035
Maryland	552,320	581,552	621,025	650,977	643,893	630,774	634,292	638,617	665,863
Mississippi	59,082	59,323	59,796	63,148	62,057	67,064	69,240	69,124	70,711
North Carolina	618,175	631,082	711,862	740,261	731,385	726,260	727,114	752,915	770,725
Oklahoma	100,243	101,941	107,458	112,052	116,364	121,219	126,450	140,809	150,922
South Carolina	157,917	162,621	167,457	173,957	172,701	171,184	171,150	176,749	179,443
Tennessee	469,341	510,475	560,835	604,500	554,305	572,138	595,705	591,508	601,172
Texas	640,157	652,710	678,552	734,843	723,105	732,851	745,892	787,127	796,742
Virginia	244,087	245,888	259,080	266,494	265,339	261,673	279,106	284,805	302,644
West Virginia	76,461	75,196	76,029	72,804	72,456	70,312	75,115	73,797	74,907
<b>West</b>	<b>2,928,625</b>	<b>2,994,853</b>	<b>3,189,230</b>	<b>3,289,190</b>	<b>3,243,596</b>	<b>3,289,716</b>	<b>3,410,194</b>	<b>3,688,387</b>	<b>3,687,294</b>
Alaska	9,265	9,332	16,293	10,881	10,707	10,269	9,533	8,375	8,956
Arizona	21,498	24,345	24,018	29,628	24,856	27,515	23,274	24,754	25,367
California	2,233,160	2,259,261	2,436,927	2,518,221	2,482,250	2,536,892	2,633,764	2,892,591	2,861,303
Colorado	139,522	143,647	143,370	148,220	147,377	141,421	142,245	142,650	148,524
Hawaii	19,521	20,931	22,015	22,957	22,390	20,734	20,001	19,441	22,124
Idaho	32,469	34,945	36,893	37,581	35,659	36,101	41,985	43,780	45,639
Montana	16,356	17,064	17,456	17,154	16,947	17,228	17,717	18,121	18,063
Nevada	141	173	197	219	227	374	337	0	567
New Mexico	19,666	23,871	29,341	23,599	25,201	21,986	25,254	25,991	24,497
Oregon	114,475	114,442	118,340	118,970	120,585	119,448	130,174	137,912	143,802
Utah	179,887	195,914	189,195	200,005	193,204	188,299	187,862	188,608	196,110
Washington	142,467	150,926	155,186	161,754	164,194	169,451	178,050	186,163	192,242
Wyoming	—	—	—	—	—	—	—	—	—
<b>U.S. Service Schools</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Outlying Areas</b>	<b>56,560</b>	<b>68,801</b>	<b>99,167</b>	<b>113,961</b>	<b>111,674</b>	<b>111,392</b>	<b>134,042</b>	<b>154,550</b>	<b>178,125</b>
American Samoa	—	—	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—
Puerto Rico	56,560	68,801	99,167	113,961	111,674	111,392	134,042	154,550	178,125
Trust Territories	—	—	—	—	—	—	—	—	—
Virgin Islands	—	—	—	—	—	—	—	—	—

—Data not available or not applicable

**Table 37.—Current-fund expenditures of private institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of constant 1987-88 dollars)—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>\$28,729,004</b>	<b>\$28,568,607</b>	<b>\$29,116,804</b>	<b>\$29,690,839</b>	<b>\$31,114,856</b>	<b>\$32,899,519</b>	<b>\$34,650,317</b>	<b>\$36,558,930</b>	<b>\$40,038,873</b>	<b>\$41,145,174</b>
<b>11,977,418</b>	<b>11,900,002</b>	<b>12,202,903</b>	<b>12,553,383</b>	<b>13,209,214</b>	<b>13,986,585</b>	<b>14,774,951</b>	<b>15,662,700</b>	<b>16,596,174</b>	<b>17,233,752</b>
707,649	706,679	711,328	735,221	767,066	807,575	845,825	890,981	943,484	998,845
108,936	107,850	110,213	113,892	120,143	123,379	133,985	142,415	154,825	158,746
2,742,002	2,780,831	2,849,266	2,921,047	3,108,589	3,345,144	3,529,875	3,773,717	4,086,958	4,234,020
208,761	207,137	220,549	227,086	242,277	258,280	264,452	281,511	300,294	308,173
649,684	623,025	650,484	670,488	705,732	751,827	767,509	760,874	781,056	804,172
4,756,440	4,660,579	4,717,166	4,821,350	5,004,934	5,249,960	5,618,553	5,957,540	6,175,493	6,509,272
2,441,293	2,447,617	2,562,789	2,669,932	2,847,306	3,009,035	3,148,036	3,359,217	3,598,693	3,728,079
247,645	247,396	258,203	265,004	280,427	300,594	314,776	336,028	369,615	390,167
115,008	118,889	122,907	129,364	132,739	140,792	151,940	160,417	185,755	192,278
<b>5,456,157</b>	<b>6,325,146</b>	<b>6,511,538</b>	<b>6,545,486</b>	<b>6,772,889</b>	<b>7,119,036</b>	<b>7,374,510</b>	<b>7,636,777</b>	<b>8,078,567</b>	<b>8,353,429</b>
1,515,606	2,465,488	2,540,799	2,506,265	2,587,898	2,729,181	2,820,826	2,905,894	2,891,225	2,993,577
462,964	455,249	477,026	482,261	495,010	523,904	539,740	564,389	624,762	654,986
318,904	305,818	313,479	319,422	329,971	351,544	362,445	376,590	395,235	419,662
107,806	106,448	109,909	108,268	108,134	114,137	109,352	111,984	129,141	120,672
442,732	440,714	439,837	433,338	420,738	449,783	468,899	476,322	507,773	538,939
428,473	416,700	434,531	456,598	476,964	501,449	528,514	555,104	600,801	631,183
767,346	743,779	766,391	792,572	842,367	864,735	906,061	962,970	1,104,092	1,082,391
134,707	134,797	141,087	143,699	156,946	162,412	165,710	171,464	174,900	184,796
15,882	16,586	15,737	17,879	18,234	19,221	20,272	20,070	16,253	15,950
884,109	861,707	875,433	888,801	921,620	969,641	1,008,390	1,039,331	1,152,009	1,160,274
54,527	52,917	55,289	49,084	51,043	53,722	52,621	55,011	60,619	59,589
325,101	325,015	342,020	347,299	363,964	379,306	391,682	397,647	421,757	491,413
<b>5,524,186</b>	<b>6,555,003</b>	<b>6,676,905</b>	<b>6,836,633</b>	<b>7,170,761</b>	<b>7,563,241</b>	<b>7,951,416</b>	<b>8,385,405</b>	<b>9,734,208</b>	<b>9,851,154</b>
165,347	160,798	154,155	157,896	163,060	166,526	198,430	198,642	187,030	195,821
65,291	63,090	67,535	68,276	69,806	71,012	73,458	75,323	83,074	90,052
18,877	19,387	20,215	26,113	26,810	27,828	30,404	31,478	33,855	36,219
1,085,692	1,097,267	1,133,967	1,166,911	1,218,907	1,269,250	1,329,668	1,391,778	1,475,438	1,550,952
589,181	587,814	619,000	624,197	658,522	699,953	730,289	769,963	893,881	928,429
501,333	504,046	523,424	560,740	601,606	640,208	684,287	741,714	886,824	865,200
168,161	160,668	161,327	165,020	173,241	177,575	191,955	207,454	216,195	227,793
267,855	262,177	280,441	301,676	326,239	345,738	355,616	376,250	397,440	427,935
682,947	705,526	702,627	713,619	759,343	813,237	865,670	954,111	1,054,172	1,124,171
69,010	68,343	67,261	64,905	64,358	67,215	69,113	68,189	72,613	72,950
792,009	791,546	785,119	768,089	794,722	821,004	852,334	891,345	1,507,318	1,306,506
163,698	159,924	169,924	181,204	188,182	190,700	187,575	190,454	206,003	221,224
188,052	181,879	163,848	163,586	162,944	198,229	204,561	208,942	239,071	250,297
595,613	591,683	615,848	609,228	629,727	657,884	692,415	730,834	785,193	828,714
791,749	805,289	826,524	863,469	916,488	976,754	1,025,015	1,057,983	1,162,094	1,174,184
304,484	315,168	313,886	327,363	342,858	364,255	381,001	412,469	447,534	474,750
74,883	80,396	71,805	74,341	73,949	75,875	79,625	78,475	82,472	75,958
<b>3,771,243</b>	<b>3,788,456</b>	<b>3,724,976</b>	<b>3,754,869</b>	<b>3,961,991</b>	<b>4,230,657</b>	<b>4,549,441</b>	<b>4,874,047</b>	<b>5,628,905</b>	<b>5,616,838</b>
11,313	9,035	8,638	9,295	10,235	9,713	11,069	10,828	14,695	15,901
25,177	25,275	34,661	36,942	38,040	47,239	54,146	56,301	113,509	82,342
2,918,183	2,948,926	2,867,096	2,879,518	3,059,217	3,284,777	3,563,241	3,879,282	4,448,747	4,466,429
152,976	152,043	156,467	161,525	169,770	174,663	176,720	170,534	222,509	195,062
24,157	24,029	25,327	25,570	26,224	28,566	30,583	34,655	62,168	64,711
47,946	48,048	47,943	47,900	49,955	51,438	54,527	52,981	55,771	60,913
18,967	18,410	20,564	22,770	23,696	23,134	23,404	23,792	22,491	23,494
563	475	488	551	866	1,275	1,365	2,606	4,543	2,091
24,174	22,720	24,211	21,572	22,402	22,644	23,394	23,629	17,054	19,941
151,219	148,820	151,276	154,369	155,542	167,530	176,010	182,682	193,818	206,573
195,067	187,601	185,067	180,109	182,879	187,714	193,298	194,878	218,920	205,492
201,499	203,074	203,237	214,747	223,165	231,962	241,686	241,879	254,679	271,361
—	—	—	—	—	—	—	—	—	2,527
—	—	—	—	—	—	—	—	—	—
<b>173,952</b>	<b>166,425</b>	<b>161,026</b>	<b>171,919</b>	<b>178,654</b>	<b>198,661</b>	<b>206,639</b>	<b>211,478</b>	<b>217,957</b>	<b>231,581</b>
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
17,952	166,425	161,026	171,919	178,654	198,661	206,639	211,478	217,957	231,581
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Financial Statistics of Institutions of Higher Education" surveys, and Integrated Postsecondary Education Data System, "Financial Statistics" surveys.

**Table 37.—Current-fund expenditures of private institutions of higher education, by region and state:  
1969-70 to 1987-88 (in thousands of constant 1987-88 dollars)—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1987-88	1969-70 to 1979-80	1979-80 to 1987-88	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1987-88
<b>United States</b> .....	—	—	<b>72.2</b>	<b>19.5</b>	<b>44.0</b>	<b>8.3</b>	<b>10.4</b>	<b>21.3</b>	<b>18.7</b>
<b>Northeast</b> .....	—	—	<b>61.2</b>	<b>10.7</b>	<b>45.6</b>	<b>1.9</b>	<b>8.7</b>	<b>24.2</b>	<b>17.3</b>
Connecticut .....	—	—	51.6	7.3	41.3	1.9	5.3	19.7	18.1
Maine .....	—	—	65.1	12.2	47.2	0.8	11.3	24.2	18.5
Massachusetts .....	—	—	62.7	6.8	52.3	-2.1	9.1	26.9	19.9
New Hampshire .....	—	—	76.4	18.6	48.8	9.8	8.0	27.7	16.5
New Jersey .....	—	—	41.2	9.4	29.1	7.0	2.2	23.2	4.8
New York .....	—	—	48.0	5.9	39.7	1.4	4.4	20.6	15.9
Pennsylvania .....	—	—	92.2	26.2	52.3	4.7	20.5	28.6	18.4
Rhode Island .....	—	—	91.0	21.1	57.7	10.1	10.0	27.2	24.0
Vermont .....	—	—	88.3	16.4	61.7	7.1	8.6	27.8	26.5
<b>Midwest</b> .....	—	—	<b>60.3</b>	<b>21.4</b>	<b>32.1</b>	<b>11.4</b>	<b>8.9</b>	<b>16.6</b>	<b>13.3</b>
Illinois .....	—	—	69.4	39.5	21.4	17.7	18.6	14.4	6.1
Indiana .....	—	—	41.6	-1.6	43.9	-5.5	4.2	18.6	21.4
Iowa .....	—	—	33.2	-2.9	37.2	-4.1	1.3	18.5	15.8
Kansas .....	—	—	14.8	1.3	13.4	-8.4	10.6	2.7	10.4
Michigan .....	—	—	50.8	23.3	22.3	13.1	9.0	6.4	14.9
Minnesota .....	—	—	128.6	50.9	51.5	82.2	-17.2	26.8	19.4
Missouri .....	—	—	88.0	29.2	45.5	13.9	13.4	21.8	19.5
Nebraska .....	—	—	44.2	5.2	37.1	-3.6	9.1	22.9	11.5
North Dakota .....	—	—	60.2	66.6	-3.8	47.6	12.9	22.2	-21.3
Ohio .....	—	—	31.6	-2.3	34.6	-4.1	1.9	17.0	15.1
South Dakota .....	—	—	28.8	14.3	12.6	7.2	6.7	-0.6	13.2
Wisconsin .....	—	—	72.0	13.8	51.2	3.2	10.2	20.5	25.5
<b>South</b> .....	—	—	<b>96.5</b>	<b>30.8</b>	<b>50.3</b>	<b>16.3</b>	<b>12.4</b>	<b>21.3</b>	<b>23.9</b>
Alabama .....	—	—	38.5	13.8	21.8	8.1	5.2	23.4	-1.3
Arkansas .....	—	—	61.2	13.0	42.7	20.8	-6.5	16.4	22.6
Delaware .....	—	—	133.8	25.1	86.8	25.3	-0.2	56.8	19.1
District of Columbia .....	—	—	111.7	49.8	41.3	27.1	17.8	21.2	16.6
Florida .....	—	—	122.4	40.8	57.9	24.1	13.4	24.2	27.1
Georgia .....	—	—	40.7	40.2	71.7	22.1	14.8	35.8	26.4
Kentucky .....	—	—	50.7	6.3	41.8	-5.7	12.8	19.5	18.7
Louisiana .....	—	—	92.6	18.0	63.2	-6.8	26.6	35.6	20.3
Maryland .....	—	—	103.5	27.7	59.3	14.2	11.9	22.7	29.9
Mississippi .....	—	—	23.5	15.7	6.7	13.5	1.9	1.1	5.6
North Carolina .....	—	—	111.3	28.0	65.1	17.5	9.0	7.7	53.3
Oklahoma .....	—	—	120.7	59.5	38.3	20.9	31.9	17.3	17.9
South Carolina .....	—	—	58.5	15.2	37.6	8.4	6.2	12.5	22.4
Tennessee .....	—	—	76.6	26.1	40.1	21.9	3.4	17.0	19.7
Texas .....	—	—	83.4	25.8	45.8	14.5	9.9	27.3	14.6
Virginia .....	—	—	94.5	29.1	50.6	7.2	20.4	20.9	24.6
West Virginia .....	—	—	-0.7	5.1	-5.5	-8.0	14.3	-1.0	-4.6
<b>West</b> .....	—	—	<b>91.8</b>	<b>29.4</b>	<b>48.3</b>	<b>12.3</b>	<b>15.2</b>	<b>20.1</b>	<b>23.5</b>
Alaska .....	—	—	71.6	-2.5	76.0	10.8	-12.0	22.5	43.7
Arizona .....	—	—	283.0	17.6	225.8	28.0	-8.1	114.2	52.1
California .....	—	—	100.0	32.1	51.5	13.6	16.2	20.6	25.3
Colorado .....	—	—	39.8	9.0	28.3	1.4	7.5	16.2	10.4
Hawaii .....	—	—	231.5	23.1	169.3	6.2	15.9	27.3	111.6
Idaho .....	—	—	87.6	48.0	26.8	11.2	33.1	13.5	11.7
Montana .....	—	—	41.9	11.2	27.6	4.1	6.9	27.1	0.4
Nevada .....	—	—	1382.3	236.4	340.6	165.2	26.8	187.6	53.2
New Mexico .....	—	—	1.4	15.5	-12.2	11.8	3.3	3.0	-14.8
Oregon .....	—	—	80.5	30.0	38.8	4.3	24.6	18.3	17.4
Utah .....	—	—	14.2	4.3	9.5	4.7	-0.4	3.0	6.3
Washington .....	—	—	90.5	42.5	33.6	18.9	19.8	19.0	12.3
Wyoming .....	—	—	—	—	—	—	—	—	—
<b>U.S. Service Schools</b> .....	—	—	—	—	—	—	—	—	—
<b>Outlying Areas</b> .....	—	—	<b>309.4</b>	<b>194.2</b>	<b>39.2</b>	<b>96.9</b>	<b>49.4</b>	<b>24.2</b>	<b>12.1</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	309.4	194.2	39.2	96.9	49.4	24.2	12.1
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

Chart 37a.—Percentage change in current-fund expenditures for private institutions of higher education, by state: 1969-70 to 1987-88 (in constant 1987-88 dollars)

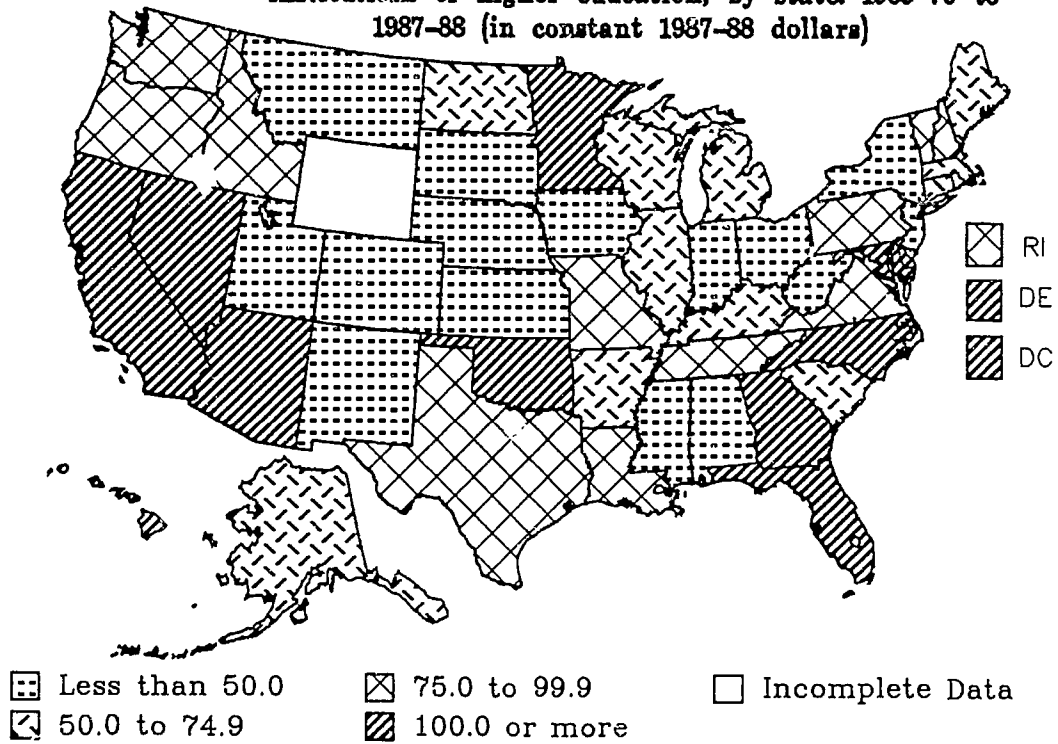
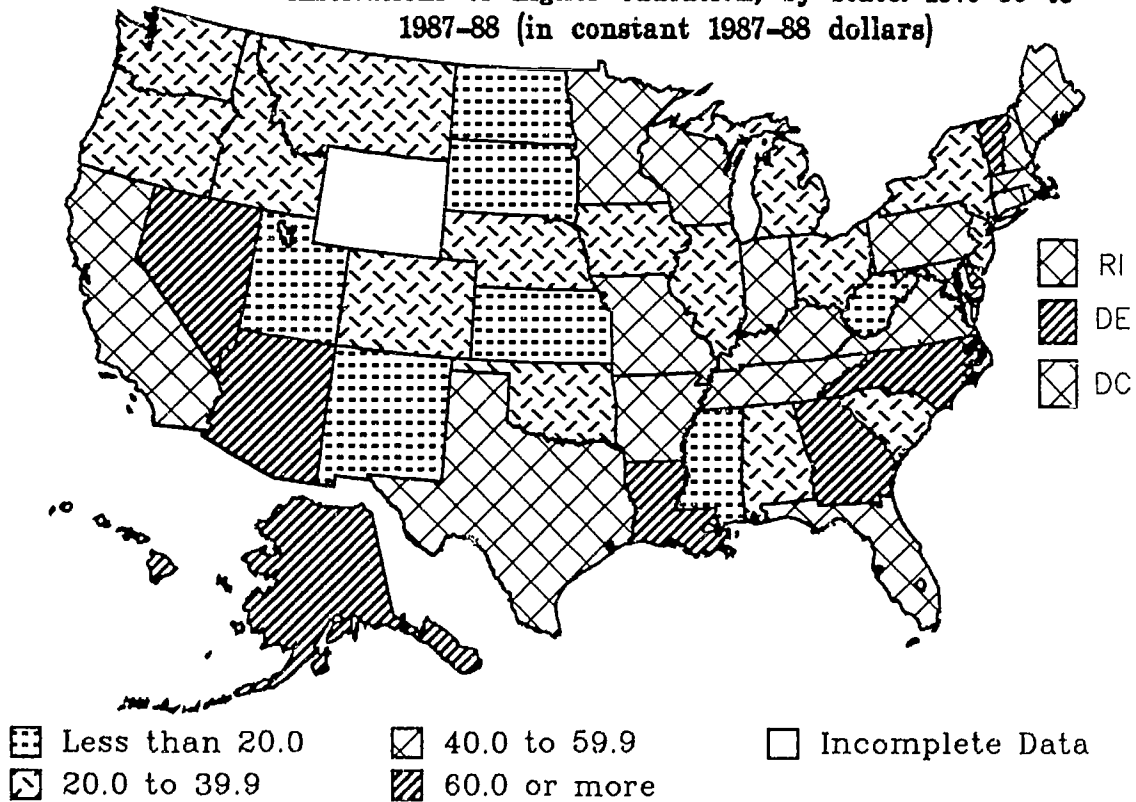


Chart 37b.—Percentage change in current-fund expenditures for private institutions of higher education, by state: 1979-80 to 1987-88 (in constant 1987-88 dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Financial Statistics of Institutions of Higher Education surveys; and IPEDS, Financial Statistics surveys.







Table 38.—Educational and general expenditures of public institutions of higher education, by region and state:  
1969-70 to 1987-88 (in thousands of unadjusted dollars)—Continued

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1987-88	1969-70 to 1979-80	1979-80 to 1987-88	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1987-88
United States .....	—	—	465.2	195.2	91.5	84.0	60.4	53.0	25.1
Northeast .....	—	—	470.6	189.3	97.2	104.1	41.8	52.3	29.5
Connecticut .....	—	—	466.3	180.0	102.3	83.1	52.9	55.7	29.9
Maine .....	—	—	517.6	201.7	104.7	94.7	54.9	54.3	32.7
Massachusetts .....	—	—	708.9	214.1	157.6	127.1	38.3	78.2	44.6
New Hampshire .....	—	—	426.3	180.3	87.7	69.9	65.0	37.3	36.7
New Jersey .....	—	—	653.4	244.1	118.9	123.4	54.0	56.8	39.6
New York .....	—	—	443.6	198.9	81.9	122.4	34.4	48.6	22.4
Pennsylvania .....	—	—	376.2	145.6	93.9	72.0	42.8	49.1	30.7
Rhode Island .....	—	—	407.9	200.2	69.2	87.6	59.8	35.4	25.0
Vermont .....	—	—	467.1	181.4	101.5	82.3	54.4	59.6	26.3
Midwest .....	—	—	380.2	159.4	85.1	69.3	53.2	46.9	26.0
Illinois .....	—	—	346.1	152.3	76.8	68.7	49.5	44.4	22.5
Indiana .....	—	—	398.4	139.4	108.1	71.1	39.9	57.6	32.1
Iowa .....	—	—	376.4	160.7	82.7	64.4	58.6	44.3	26.6
Kansas .....	—	—	385.2	177.0	75.1	66.6	66.3	50.6	16.3
Michigan .....	—	—	356.5	154.1	79.6	68.3	50.9	37.2	31.0
Minnesota .....	—	—	367.2	134.4	99.3	61.0	45.6	56.4	27.4
Missouri .....	—	—	328.5	133.8	83.3	61.2	45.0	45.0	26.4
Nebraska .....	—	—	379.0	183.0	69.2	69.2	67.3	46.8	15.3
North Dakota .....	—	—	420.1	188.6	80.2	59.3	81.2	58.6	13.6
Ohio .....	—	—	463.9	185.0	97.8	73.4	64.3	56.3	26.6
South Dakota .....	—	—	241.7	166.1	28.4	42.3	87.0	14.1	12.6
Wisconsin .....	—	—	410.2	180.4	82.0	85.3	51.3	43.0	27.2
South .....	—	—	585.0	240.8	101.0	98.3	71.9	61.0	24.8
Alabama .....	—	—	538.2	219.5	99.8	81.8	75.8	59.3	25.4
Arkansas .....	—	—	564.8	229.2	102.0	87.7	75.4	61.0	25.4
Delaware .....	—	—	624.7	252.7	105.5	115.3	63.8	50.5	36.6
District of Columbia .....	—	—	303.5	152.6	59.7	83.2	37.9	49.9	6.5
Florida .....	—	—	537.1	193.9	116.7	85.5	58.5	64.0	32.1
Georgia .....	—	—	577.1	199.6	126.0	86.0	61.1	70.1	32.8
Kentucky .....	—	—	446.3	204.0	79.7	87.8	61.9	43.7	25.1
Louisiana .....	—	—	490.0	226.5	80.7	84.2	77.2	63.5	10.5
Maryland .....	—	—	467.8	177.7	104.5	82.1	52.5	61.5	26.6
Mississippi .....	—	—	503.2	273.3	61.6	103.9	83.0	34.5	20.2
North Carolina .....	—	—	627.3	243.6	111.7	120.8	55.6	64.3	28.8
Oklahoma .....	—	—	418.4	197.6	74.2	68.6	76.4	51.7	14.8
South Carolina .....	—	—	818.7	380.0	91.4	173.3	75.6	54.1	24.2
Tennessee .....	—	—	583.8	202.1	126.4	97.8	52.7	64.5	37.6
Texas .....	—	—	759.1	324.2	102.5	120.0	92.8	71.3	18.3
Virginia .....	—	—	721.5	286.4	112.6	107.9	85.8	61.1	32.0
West Virginia .....	—	—	324.8	188.0	47.5	37.5	109.4	31.1	12.5
West .....	—	—	440.0	193.9	83.7	73.5	69.4	50.0	22.5
Alaska .....	—	—	723.6	455.2	48.4	141.0	130.3	57.8	-6.0
Arizona .....	—	—	676.9	264.1	113.4	112.7	71.1	64.0	30.1
California .....	—	—	436.2	190.2	84.8	71.9	68.9	50.1	23.1
Colorado .....	—	—	423.3	186.3	82.8	80.9	58.3	43.9	27.0
Hawaii .....	—	—	307.7	130.0	77.3	41.4	62.6	45.7	21.6
Idaho .....	—	—	517.1	238.2	82.4	103.0	66.6	52.1	20.0
Montana .....	—	—	273.1	113.8	74.5	52.4	40.3	60.2	8.9
Nevada .....	—	—	627.2	244.8	110.9	73.4	98.8	49.6	41.0
New Mexico .....	—	—	455.5	195.5	88.0	41.2	109.3	50.5	24.9
Oregon .....	—	—	423.8	203.7	72.4	81.0	67.8	40.1	23.1
Utah .....	—	—	442.1	181.2	92.8	65.9	69.5	58.2	21.8
Washington .....	—	—	360.8	177.3	66.2	68.2	64.8	42.3	16.8
Wyoming .....	—	—	523.2	216.8	96.7	80.1	75.9	74.8	12.6
U.S. Service Schools .....	—	—	435.7	201.0	78.0	87.8	60.2	59.2	11.8
Outlying Areas .....	—	—	421.9	155.6	104.2	104.3	25.1	71.5	19.1
American Samoa .....	—	—	30.6	47.9	-11.7	20.4	22.9	-23.3	15.2
Guam .....	—	—	573.4	192.5	130.2	110.6	38.9	74.2	32.2
Northern Marianas .....	—	—	—	—	—	—	—	—	57.9
Puerto Rico .....	—	—	400.6	153.2	97.7	114.0	18.3	70.5	15.9
Trust Territories .....	—	—	—	—	939.3	—	—	357.2	127.3
Virgin Islands .....	—	—	428.3	158.7	104.2	—	—	55.3	31.5

Chart 38a.—Percentage change in educational and general expenditures for public institutions of higher education, by state: 1969-70 to 1987-88 (in unadjusted dollars)

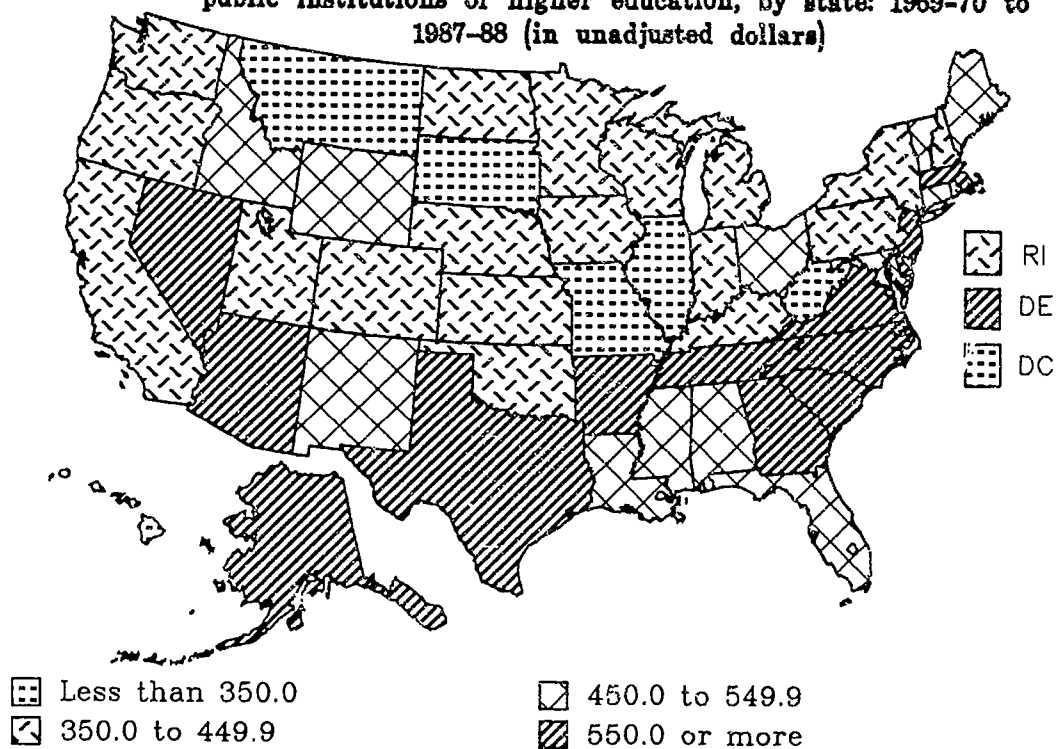
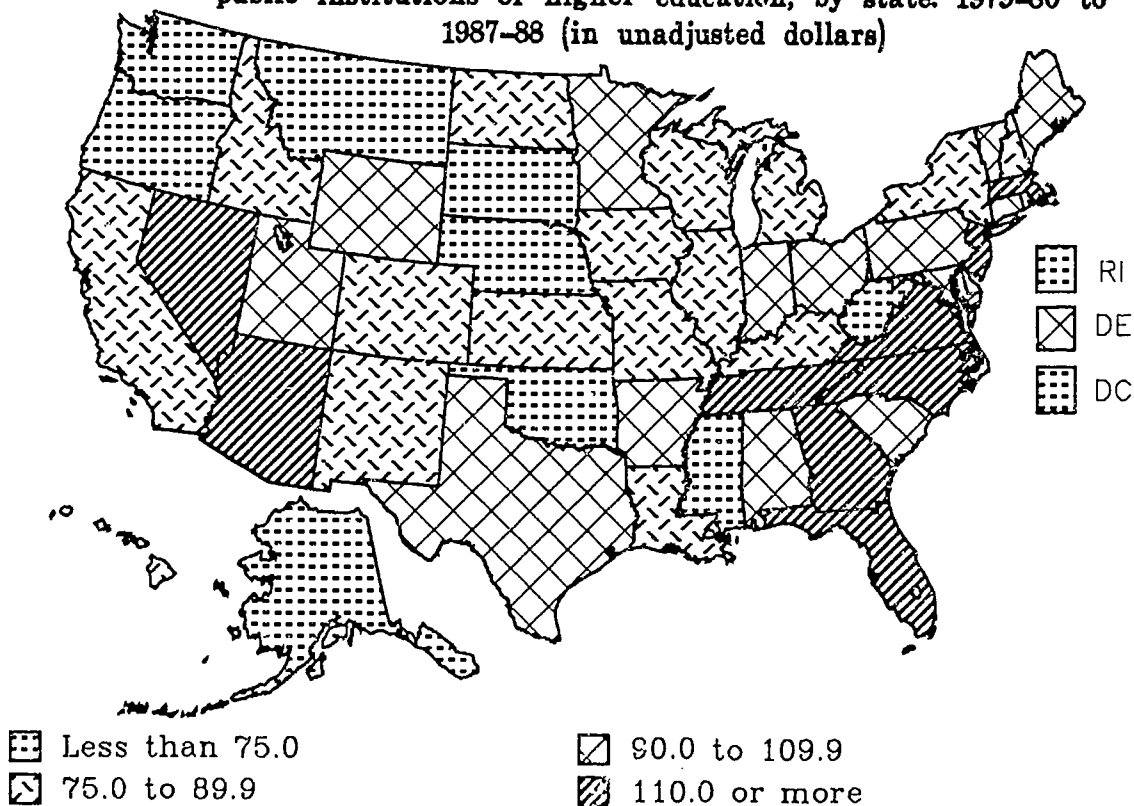


Chart 38b.—Percentage change in educational and general expenditures for public institutions of higher education, by state: 1979-80 to 1987-88 (in unadjusted dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Financial Statistics of Institutions of Higher Education surveys; and IPEDS, Financial Statistics surveys.







Chart 39a.—Percentage change in educational and general expenditures for public institutions of higher education, by state: 1969-70 to 1987-88 (in constant 1987-88 dollars)

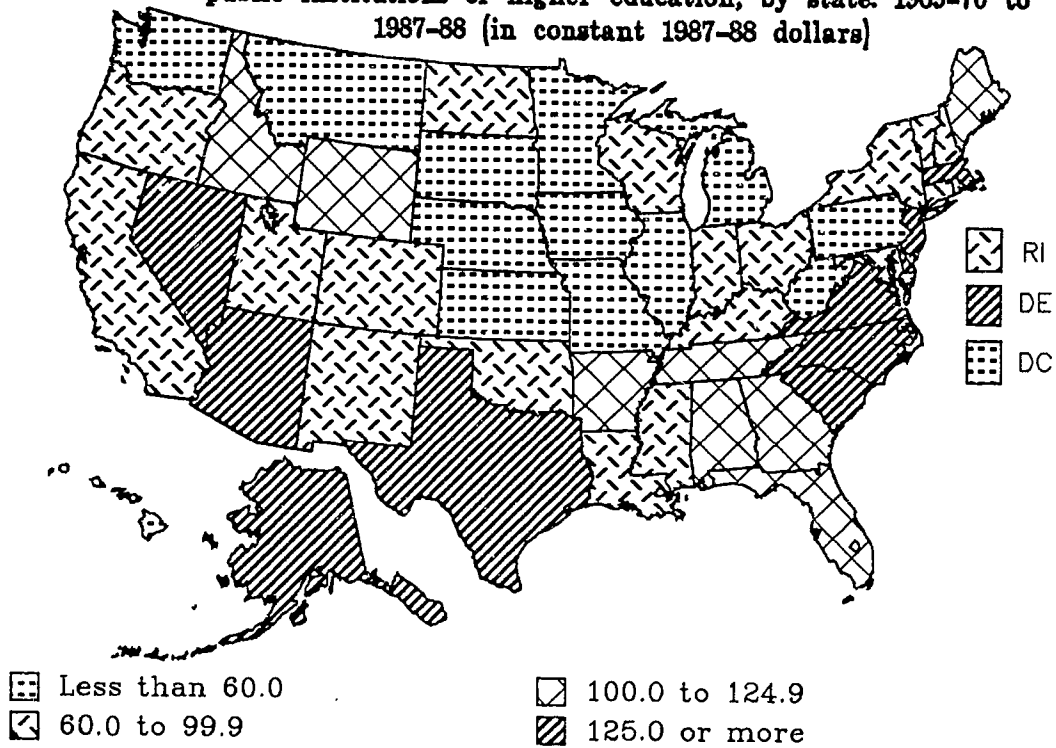
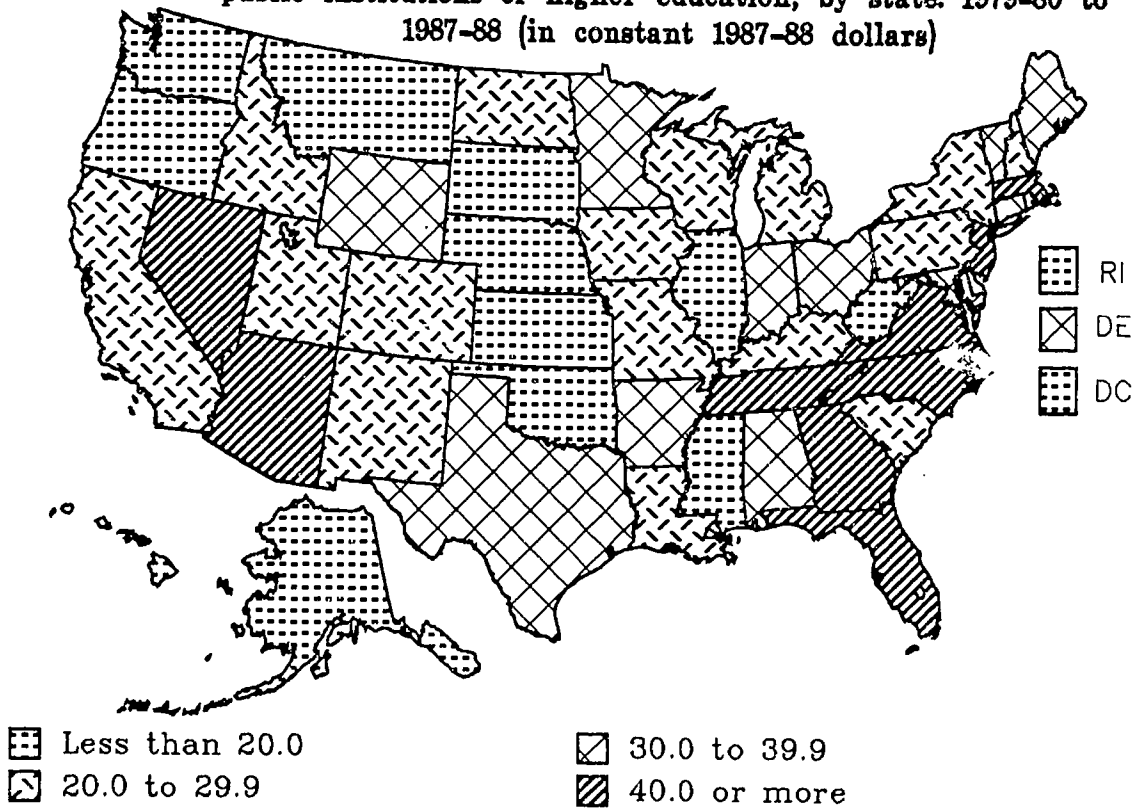


Chart 39b.—Percentage change in educational and general expenditures for public institutions of higher education, by state: 1979-80 to 1987-88 (in constant 1987-88 dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Financial Statistics of Institutions of Higher Education surveys; and IPEDS, Financial Statistics surveys.



**Table 40.—Educational and general expenditures of private institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of unadjusted dollars)**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b>	<b>\$5,414,507</b>	<b>\$5,870,942</b>	<b>\$6,293,742</b>	<b>\$6,686,336</b>	<b>\$7,180,825</b>	<b>\$8,455,247</b>	<b>\$9,315,684</b>	<b>\$10,154,344</b>	<b>\$11,107,693</b>
<b>Northeast</b>	<b>2,588,093</b>	<b>2,788,673</b>	<b>2,940,962</b>	<b>3,080,825</b>	<b>3,359,472</b>	<b>3,843,468</b>	<b>4,218,664</b>	<b>4,522,579</b>	<b>4,919,930</b>
Connecticut	165,374	181,641	191,881	203,933	218,608	262,781	285,173	313,304	336,639
Maine	21,329	23,165	23,856	25,027	27,528	33,984	37,717	42,278	46,423
Massachusetts	606,629	649,329	688,039	671,954	745,214	899,993	977,385	1,050,860	1,159,172
New Hampshire	40,692	45,071	50,431	54,917	58,745	69,873	76,005	84,759	89,376
New Jersey	130,224	147,154	155,601	165,929	177,041	216,073	239,585	245,935	263,962
New York	1,127,786	1,223,860	1,275,454	1,371,002	1,496,755	1,578,465	1,755,357	1,855,880	1,997,747
Pennsylvania	424,389	440,561	469,725	497,032	537,904	663,593	716,832	790,475	873,079
Rhode Island	49,660	53,035	56,363	61,098	66,667	81,476	89,479	95,648	104,763
Vermont	22,009	24,858	29,613	29,932	31,011	37,229	41,131	43,440	48,770
<b>Midwest</b>	<b>1,181,614</b>	<b>1,260,719</b>	<b>1,350,792</b>	<b>1,397,567</b>	<b>1,474,839</b>	<b>1,786,849</b>	<b>1,980,074</b>	<b>2,183,292</b>	<b>2,392,535</b>
Illinois	369,124	398,782	441,997	426,363	437,080	529,901	584,116	635,446	694,181
Indiana	103,906	112,181	114,813	119,450	127,362	151,091	166,012	181,388	190,940
Iowa	70,846	73,143	75,867	77,191	79,313	106,250	115,533	124,238	138,429
Kansas	23,585	24,174	24,668	25,179	27,636	34,323	38,289	41,709	45,424
Michigan	86,896	93,764	99,018	106,453	118,913	147,327	164,784	173,121	191,583
Minnesota	62,143	64,409	67,385	74,206	81,209	107,415	117,705	168,052	193,454
Missouri	143,860	152,421	161,466	175,145	187,608	228,357	255,602	284,166	309,986
Nebraska	29,259	31,348	31,638	33,564	36,827	40,638	46,150	48,730	54,612
North Dakota	2,221	2,443	2,456	2,934	3,326	5,526	6,056	6,872	7,447
Ohio	209,484	221,693	236,335	251,400	268,950	310,586	337,396	366,790	397,991
South Dakota	10,572	11,786	12,838	12,890	13,427	18,313	22,122	22,738	22,922
Wisconsin	69,718	74,574	82,310	92,792	93,189	107,123	126,309	130,041	145,567
<b>South</b>	<b>1,104,845</b>	<b>1,210,961</b>	<b>1,329,784</b>	<b>1,474,906</b>	<b>1,588,871</b>	<b>1,872,068</b>	<b>2,061,790</b>	<b>2,271,594</b>	<b>2,472,426</b>
Alabama	31,157	32,860	34,398	39,214	43,869	54,533	61,613	64,328	72,418
Arkansas	11,537	12,899	13,209	15,250	17,115	19,907	21,054	23,416	25,733
Delaware	3,209	4,306	4,542	4,795	5,021	6,653	7,012	7,980	8,596
District of Columbia	150,081	175,335	205,023	228,526	253,589	292,811	325,715	364,332	381,676
Florida	98,497	111,316	119,649	129,993	145,372	180,746	196,442	220,944	242,087
Georgia	73,019	79,652	84,192	94,498	102,568	128,461	138,516	148,040	161,374
Kentucky	33,276	35,918	36,465	37,899	39,470	48,322	53,117	59,683	66,972
Louisiana	56,389	60,416	61,093	64,102	66,576	79,049	88,563	96,935	107,937
Maryland	101,758	112,243	122,549	134,756	142,440	168,690	181,964	199,479	217,432
Mississippi	13,266	13,850	14,554	16,497	17,509	24,909	27,806	29,346	32,173
North Carolina	155,835	169,054	195,802	214,751	226,734	220,926	241,022	259,439	285,590
Oklahoma	23,274	24,316	26,970	29,033	33,446	43,162	48,273	56,998	65,010
South Carolina	33,836	35,285	37,693	40,265	44,367	56,882	61,696	67,693	73,672
Tennessee	95,975	104,258	113,106	134,520	132,863	157,412	177,748	192,946	207,623
Texas	151,149	162,366	177,218	201,850	220,339	272,944	298,380	334,527	362,936
Virginia	57,011	60,382	65,772	71,146	77,937	92,192	105,492	114,897	129,690
West Virginia	15,577	16,505	17,549	17,811	19,655	24,469	27,378	28,610	31,507
<b>West</b>	<b>539,956</b>	<b>610,589</b>	<b>672,204</b>	<b>733,039</b>	<b>757,643</b>	<b>952,861</b>	<b>1,055,157</b>	<b>1,176,880</b>	<b>1,322,801</b>
Alaska	2,159	2,299	4,162	3,105	3,364	3,697	3,762	3,468	4,172
Arizona	5,536	6,489	6,735	8,848	7,796	10,045	9,485	10,930	11,905
California	385,445	437,129	487,536	534,161	545,658	699,513	773,767	870,251	981,635
Colorado	35,531	38,883	40,226	43,722	46,065	53,628	57,775	61,783	69,076
Hawaii	5,021	5,757	6,120	6,659	6,971	6,852	7,792	8,151	9,442
Idaho	6,897	7,979	8,818	9,293	9,575	11,711	14,548	15,947	17,787
Montana	3,675	4,107	4,282	4,420	4,621	6,007	6,672	7,206	7,630
Nevada	36	55	70	77	86	167	161	—	301
New Mexico	4,257	5,757	7,505	6,783	7,729	8,762	10,667	11,555	11,756
Oregon	26,446	28,212	30,189	31,985	35,078	43,833	50,641	57,826	64,337
Utah	34,431	39,078	39,045	42,944	45,244	51,219	54,640	57,867	64,297
Washington	30,523	34,844	37,517	41,041	45,457	57,427	65,247	71,895	80,463
Wyoming	—	—	—	—	—	—	—	—	—
<b>U.S. Service Schools</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Outlying Areas</b>	<b>14,754</b>	<b>18,088</b>	<b>26,820</b>	<b>32,641</b>	<b>36,388</b>	<b>46,563</b>	<b>62,400</b>	<b>74,170</b>	<b>91,599</b>
American Samoa	—	—	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—
Puerto Rico	14,754	18,088	26,820	32,641	36,388	46,563	62,400	74,170	91,599
Trust Territories	—	—	—	—	—	—	—	—	—
Virgin Islands	—	—	—	—	—	—	—	—	—

--Data not available or not applicable.

**Table 40.—Educational and general expenditures of private institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of unadjusted dollars)—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>\$12,342,710</b>	<b>\$13,915,407</b>	<b>\$15,900,792</b>	<b>\$17,678,201</b>	<b>\$19,221,796</b>	<b>\$21,147,714</b>	<b>\$23,187,778</b>	<b>\$25,255,003</b>	<b>\$28,596,121</b>	<b>\$30,517,962</b>
<b>5,503,848</b>	<b>6,224,806</b>	<b>7,107,052</b>	<b>7,906,472</b>	<b>8,597,463</b>	<b>9,445,770</b>	<b>10,406,211</b>	<b>11,421,980</b>	<b>12,433,968</b>	<b>13,549,348</b>
364,778	411,877	463,791	515,591	565,950	620,216	676,790	733,144	803,781	885,475
52,210	58,105	65,564	74,173	82,385	86,824	98,201	106,912	120,581	130,265
1,311,780	1,508,291	1,744,928	1,921,195	2,115,308	2,331,372	2,556,877	2,817,687	3,113,886	3,353,461
102,193	115,645	138,845	155,783	174,767	192,086	208,447	230,657	250,879	266,989
284,805	318,366	360,639	400,537	423,414	462,748	503,680	540,245	576,347	618,980
2,258,415	2,531,038	2,870,851	3,187,985	3,442,139	3,762,719	4,180,886	4,572,405	4,891,156	5,376,171
959,777	1,086,562	1,234,971	1,390,334	1,597,827	1,670,860	1,830,108	2,033,015	2,230,583	2,426,577
117,555	133,502	156,343	177,684	195,418	217,943	236,570	261,616	295,865	328,930
52,334	61,421	71,119	83,190	90,255	101,002	114,653	126,299	150,889	162,501
<b>2,630,919</b>	<b>2,931,764</b>	<b>3,372,841</b>	<b>3,731,207</b>	<b>4,017,223</b>	<b>4,431,196</b>	<b>4,835,908</b>	<b>5,204,041</b>	<b>5,745,318</b>	<b>6,230,315</b>
765,500	850,002	964,549	1,061,199	1,135,333	1,275,169	1,397,264	1,495,654	1,638,577	1,752,442
209,094	233,006	277,514	307,285	330,336	362,379	393,153	426,813	487,960	536,059
151,331	163,134	189,597	210,563	227,198	253,678	271,864	292,291	313,042	350,660
50,296	56,707	66,384	71,580	75,143	82,534	82,185	87,719	104,658	102,082
210,978	238,482	268,300	288,809	293,042	328,181	357,482	384,533	424,221	472,638
206,124	228,584	272,070	312,748	338,877	374,495	411,998	443,972	487,527	533,708
344,278	381,582	435,941	490,887	539,833	582,856	650,586	713,411	767,672	856,538
59,832	74,729	87,005	96,925	112,968	119,234	128,665	138,929	148,340	163,951
7,744	9,299	9,582	12,153	12,915	14,189	15,335	15,860	13,415	13,585
435,466	479,878	548,989	603,849	630,484	711,429	775,274	833,879	951,304	1,003,382
26,289	28,756	33,811	33,185	36,522	40,106	41,172	44,726	51,165	51,653
163,985	187,605	219,100	242,023	264,602	286,944	310,923	326,254	357,437	393,616
<b>2,743,839</b>	<b>3,106,587</b>	<b>3,511,861</b>	<b>3,926,991</b>	<b>4,274,457</b>	<b>4,700,319</b>	<b>5,140,378</b>	<b>5,599,605</b>	<b>6,652,008</b>	<b>6,921,334</b>
78,230	86,416	92,781	105,015	111,543	121,125	155,780	164,093	156,209	171,878
29,046	32,023	38,970	42,969	45,816	48,446	52,880	56,492	64,506	75,131
9,243	10,568	12,766	18,228	20,306	21,749	24,954	26,501	29,206	32,720
419,582	471,554	521,714	597,344	636,930	683,777	737,607	803,566	871,087	944,373
265,427	300,226	353,522	382,450	421,276	464,580	507,374	553,391	661,732	721,415
184,837	209,286	237,304	274,561	304,221	341,766	388,730	429,639	539,780	516,576
77,122	84,032	94,118	104,696	115,791	123,707	141,130	159,293	170,217	188,790
119,696	128,817	150,584	169,618	187,465	209,890	202,727	221,928	245,088	272,899
242,122	276,854	313,830	353,530	393,064	439,477	495,993	562,773	628,188	701,395
34,639	39,215	42,996	44,680	46,379	50,054	53,192	55,252	59,543	63,202
320,674	364,979	405,428	431,540	468,648	504,039	546,526	592,910	995,796	825,450
79,225	89,302	105,952	123,974	134,525	140,373	145,594	149,565	165,722	185,693
85,710	93,369	95,020	103,006	107,328	135,813	144,233	154,496	183,141	201,143
225,714	254,502	292,271	317,277	335,702	371,893	401,837	440,308	485,351	530,784
396,288	455,194	524,346	597,740	663,978	733,580	802,492	855,445	975,795	1,033,885
141,159	167,093	186,058	211,658	230,999	256,585	280,057	313,055	353,475	392,152
35,125	43,157	44,204	48,774	50,487	53,465	59,271	60,900	67,173	63,849
<b>1,464,104</b>	<b>1,652,250</b>	<b>1,909,038</b>	<b>2,113,531</b>	<b>2,332,654</b>	<b>2,570,430</b>	<b>2,805,281</b>	<b>3,029,376</b>	<b>3,764,827</b>	<b>3,816,965</b>
5,818	5,204	5,772	6,408	7,359	7,255	8,959	9,106	12,427	14,046
12,931	14,727	23,597	27,194	29,242	37,350	45,182	48,600	91,898	68,094
1,076,407	1,220,354	1,410,156	1,555,751	1,731,521	1,909,608	2,084,205	2,275,958	2,790,295	2,834,251
78,800	88,321	101,740	115,066	124,844	135,354	143,523	142,218	193,792	171,366
10,709	12,199	14,473	16,049	17,243	20,262	22,463	25,323	53,637	58,444
20,526	23,488	27,049	29,228	31,867	33,836	36,985	37,736	41,804	48,823
8,653	9,441	12,244	14,987	16,082	16,232	17,402	18,565	17,936	19,811
321	294	353	429	716	1,092	1,225	2,448	4,290	1,972
12,499	13,327	15,878	15,561	16,922	17,638	18,991	19,678	14,018	17,857
74,388	82,992	94,768	106,424	111,172	125,548	137,961	149,289	164,362	182,383
69,744	75,612	83,359	88,207	93,362	99,954	107,173	110,880	171,548	166,646
93,308	106,292	119,288	137,847	152,325	166,301	181,212	189,575	207,844	230,898
—	—	360	380	—	—	—	—	977	2,374
—	—	—	—	—	—	—	—	—	—
<b>98,155</b>	<b>106,674</b>	<b>115,102</b>	<b>134,786</b>	<b>145,471</b>	<b>167,793</b>	<b>183,258</b>	<b>189,080</b>	<b>199,075</b>	<b>220,228</b>
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
98,155	106,674	115,102	134,786	145,471	167,793	183,258	189,080	199,075	220,228
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System, "Financial Statistics" surveys.

**Table 40.—Educational and general expenditures of private institutions of higher education, by region and state: 1969-70 to 1987-88 (in thousands of unadjusted dollars)—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1987-88	1969-70 to 1979-80	1979-80 to 1987-88	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1987-88
<b>United States</b> .....	—	—	<b>463.6</b>	<b>157.0</b>	<b>119.3</b>	<b>56.2</b>	<b>64.6</b>	<b>66.6</b>	<b>31.6</b>
<b>Northeast</b> .....	—	—	<b>423.5</b>	<b>140.5</b>	<b>117.7</b>	<b>48.5</b>	<b>62.0</b>	<b>67.2</b>	<b>38.2</b>
Connecticut .....	—	—	435.4	149.1	115.0	58.9	56.7	64.3	30.8
Maine .....	—	—	510.7	172.4	124.2	59.3	71.0	69.0	32.7
Massachusetts .....	—	—	452.8	148.6	122.3	48.4	67.6	69.5	31.2
New Hampshire .....	—	—	556.1	184.2	130.9	71.7	65.5	80.2	28.1
New Jersey .....	—	—	375.3	144.5	94.4	65.9	47.3	58.2	22.9
New York .....	—	—	376.7	124.4	112.4	40.0	60.3	65.2	28.6
Pennsylvania .....	—	—	471.8	156.0	123.3	56.4	63.7	68.4	32.6
Rhode Island .....	—	—	562.4	168.8	146.4	64.1	63.9	77.2	39.0
Vermont .....	—	—	638.3	179.1	164.6	69.2	65.0	86.7	41.7
<b>Midwest</b> .....	—	—	<b>427.3</b>	<b>348.1</b>	<b>112.5</b>	<b>51.2</b>	<b>64.1</b>	<b>64.9</b>	<b>28.8</b>
Illinois .....	—	—	374.8	130.3	106.2	43.6	60.4	64.4	25.4
Indiana .....	—	—	415.9	124.2	130.1	45.4	54.2	68.7	36.3
Iowa .....	—	—	395.0	130.3	115.0	50.0	53.5	66.7	29.0
Kansas .....	—	—	332.8	140.4	80.0	45.5	65.2	44.9	24.2
Michigan .....	—	—	443.9	174.4	98.2	69.5	61.9	49.9	32.2
Minnesota .....	—	—	758.8	267.8	133.5	72.9	112.8	80.2	29.5
Missouri .....	—	—	495.4	165.2	124.5	58.7	67.1	70.5	31.7
Nebraska .....	—	—	460.3	155.4	119.4	38.9	83.9	72.2	27.4
North Dakota .....	—	—	511.8	318.7	46.1	148.8	68.3	64.9	-11.4
Ohio .....	—	—	379.0	129.1	109.1	48.3	54.5	61.6	29.4
South Dakota .....	—	—	388.6	172.0	79.6	73.2	57.0	43.2	25.4
Wisconsin .....	—	—	464.6	169.1	109.8	53.7	75.1	65.7	26.6
<b>South</b> .....	—	—	<b>526.5</b>	<b>181.2</b>	<b>122.8</b>	<b>69.4</b>	<b>65.9</b>	<b>65.5</b>	<b>34.6</b>
Alabama .....	—	—	451.7	177.4	98.9	75.0	58.5	80.3	10.3
Arkansas .....	—	—	551.2	177.6	134.6	72.6	60.9	65.1	42.1
Delaware .....	—	—	919.8	229.4	209.6	107.3	58.8	136.1	31.1
District of Columbia .....	—	—	529.2	214.2	100.3	95.1	61.0	56.4	28.0
Florida .....	—	—	632.4	204.8	140.3	83.5	66.1	69.0	42.2
Georgia .....	—	—	607.5	186.6	146.8	75.9	62.9	85.7	32.9
Kentucky .....	—	—	467.3	152.5	124.7	45.2	73.9	67.9	33.8
Louisiana .....	—	—	384.0	128.4	111.9	40.2	63.0	57.4	34.6
Maryland .....	—	—	589.3	172.1	153.3	65.8	64.1	79.2	41.4
Mississippi .....	—	—	376.4	195.6	61.2	87.8	57.4	35.6	18.8
North Carolina .....	—	—	429.7	134.2	126.2	41.8	65.2	49.7	51.0
Oklahoma .....	—	—	697.9	283.7	107.9	85.5	106.9	63.0	27.5
South Carolina .....	—	—	494.5	175.9	115.4	68.1	64.1	54.5	39.5
Tennessee .....	—	—	453.0	165.2	108.6	64.0	61.7	57.9	32.1
Texas .....	—	—	584.0	201.2	127.1	80.6	66.8	76.3	28.8
Virginia .....	—	—	587.9	193.1	134.7	61.7	81.2	67.6	40.0
West Virginia .....	—	—	309.9	177.1	47.9	57.1	76.4	37.3	7.7
<b>West</b> .....	—	—	<b>606.9</b>	<b>206.0</b>	<b>131.0</b>	<b>76.5</b>	<b>73.4</b>	<b>69.8</b>	<b>36.1</b>
Alaska .....	—	—	550.6	141.0	169.9	71.2	40.7	72.2	56.8
Arizona .....	—	—	1130.0	166.0	362.4	81.4	46.6	206.8	50.7
California .....	—	—	635.3	216.6	132.2	81.5	74.5	70.8	36.0
Colorado .....	—	—	382.3	148.6	94.0	50.9	64.7	62.5	19.4
Hawaii .....	—	—	1064.0	143.0	379.1	36.5	78.0	84.1	160.2
Idaho .....	—	—	607.9	240.6	107.9	69.8	100.6	57.5	32.0
Montana .....	—	—	439.1	156.9	109.8	63.5	57.2	84.3	13.8
Nevada .....	—	—	5378.1	716.8	570.6	364.6	75.8	316.4	61.0
New Mexico .....	—	—	319.5	213.1	34.0	105.8	52.1	42.5	-6.0
Oregon .....	—	—	589.6	213.8	119.8	65.7	89.3	66.2	32.2
Utah .....	—	—	384.0	119.6	120.4	48.8	47.6	41.7	55.5
Washington .....	—	—	656.5	248.2	117.2	88.1	85.1	70.5	27.4
Wyoming .....	—	—	—	—	—	—	—	—	—
<b>U.S. Service Schools</b> .....	—	—	—	—	—	—	—	—	—
<b>Outlying Areas</b> .....	—	—	<b>1392.6</b>	<b>623.0</b>	<b>106.5</b>	<b>215.6</b>	<b>129.1</b>	<b>71.8</b>	<b>20.2</b>
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	1392.6	623.0	106.5	215.6	129.1	71.8	20.2
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

Chart 40a.—Percentage change in educational and general expenditures for private institutions of higher education, by state: 1969-70 to 1987-88 (in unadjusted dollars)

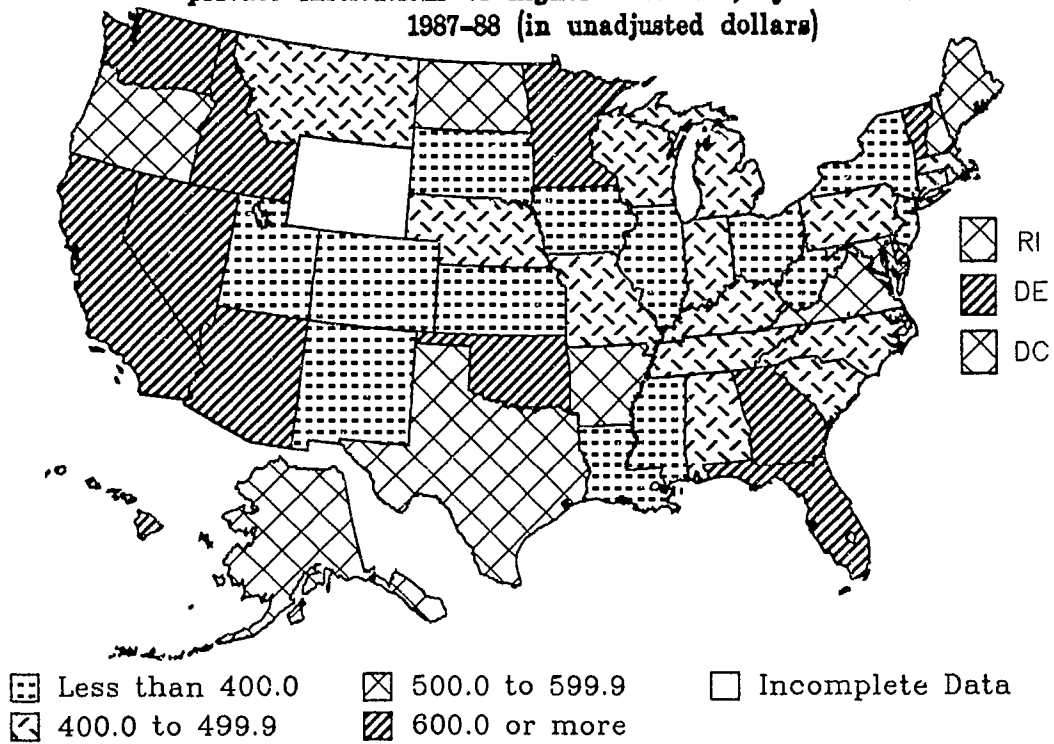
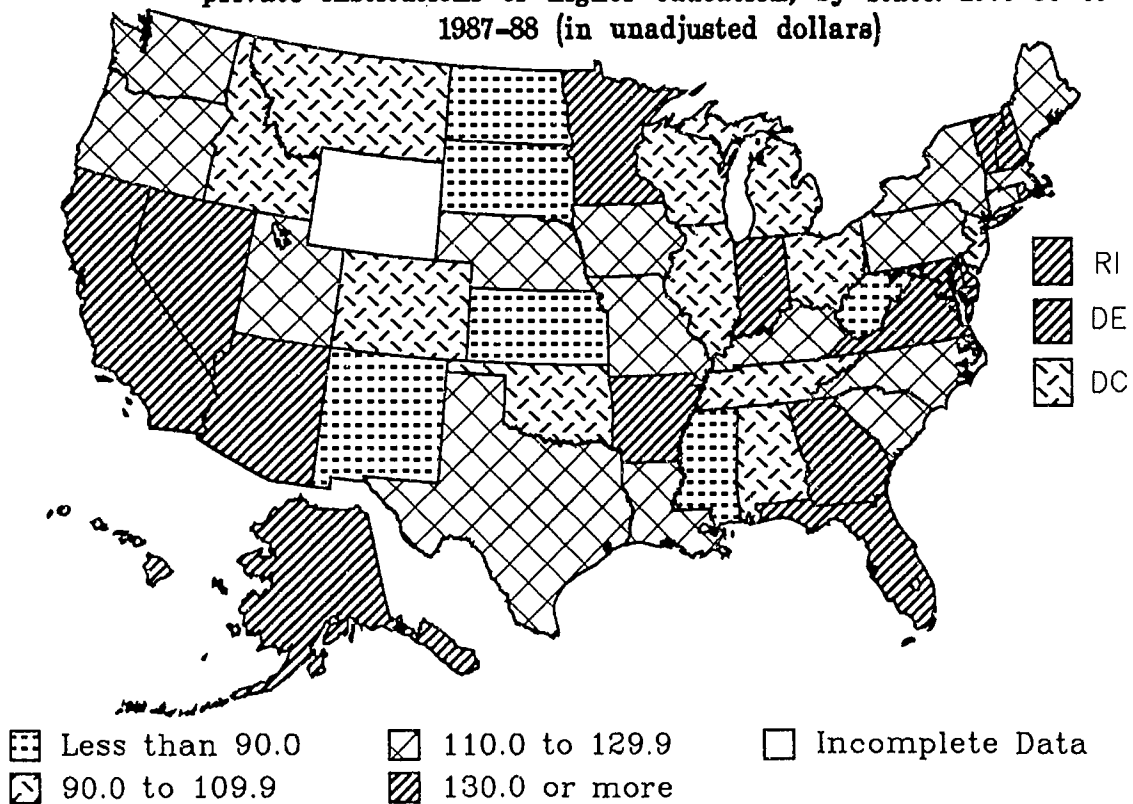


Chart 40b.—Percentage change in educational and general expenditures for private institutions of higher education, by state: 1979-80 to 1987-88 (in unadjusted dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Financial Statistics of Institutions of Higher Education surveys; and IPEDS, Financial Statistics surveys.

**Table 41.—Educational and general expenditures of private institutions of higher education, by region and state:  
1969-70 to 1987-88 (in thousands of constant 1987-88 dollars)**

Region and state	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
<b>United States</b>	<b>\$16,604,298</b>	<b>\$17,120,243</b>	<b>\$17,717,610</b>	<b>\$18,093,780</b>	<b>\$17,841,097</b>	<b>\$18,911,661</b>	<b>\$19,458,823</b>	<b>\$20,041,906</b>	<b>\$20,544,080</b>
<b>Northeast</b>	<b>7,936,726</b>	<b>8,132,045</b>	<b>8,779,148</b>	<b>8,336,967</b>	<b>8,346,767</b>	<b>8,596,599</b>	<b>8,812,046</b>	<b>8,926,337</b>	<b>9,099,589</b>
Connecticut	507,142	529,684	540,167	551,860	543,142	587,756	595,675	618,376	622,626
Maine	65,409	67,551	67,157	67,726	68,395	76,011	78,785	83,445	85,860
Massachusetts	1,860,308	1,893,507	1,936,909	1,818,364	1,851,520	2,012,995	2,041,586	2,074,110	2,143,931
New Hampshire	124,787	131,430	141,969	148,610	145,953	156,284	158,761	167,292	165,305
New Jersey	399,349	429,115	438,034	449,017	439,868	483,286	500,450	485,409	488,206
New York	3,458,505	3,568,895	3,590,550	3,710,044	3,718,757	3,530,517	3,666,632	3,663,000	3,694,906
Pennsylvania	1,301,444	1,284,720	1,322,330	1,345,010	1,336,447	1,484,244	1,497,335	1,560,183	1,614,792
Rhode Island	152,289	154,654	158,667	165,336	165,638	182,236	186,905	188,782	193,762
Vermont	67,494	72,489	83,363	80,999	77,047	83,269	85,916	85,739	90,201
<b>Midwest</b>	<b>3,623,576</b>	<b>3,676,380</b>	<b>3,802,635</b>	<b>3,781,931</b>	<b>3,664,300</b>	<b>3,996,605</b>	<b>4,136,025</b>	<b>4,309,223</b>	<b>4,425,080</b>
Illinois	1,131,969	1,162,889	1,244,272	1,153,773	1,085,945	1,185,218	1,220,115	1,254,197	1,283,913
Indiana	318,641	327,130	323,213	323,241	316,437	337,942	346,769	358,011	353,150
Iowa	217,258	213,292	213,573	208,884	197,057	237,646	241,328	245,212	256,029
Kansas	72,327	70,494	69,443	68,137	68,662	76,770	79,980	82,322	84,014
Michigan	266,477	273,426	278,747	288,070	295,444	329,522	344,205	341,694	354,339
Minnesota	190,570	187,822	189,697	200,808	201,766	240,253	245,865	331,689	357,800
Missouri	441,167	444,476	454,547	473,957	466,121	510,760	533,908	560,866	573,331
Nebraska	89,727	91,413	89,065	90,827	91,499	90,894	96,398	96,180	101,007
North Dakota	6,810	7,124	6,915	7,940	8,263	12,360	12,650	13,563	13,774
Ohio	642,409	646,480	665,311	680,309	668,220	694,680	704,760	723,943	736,098
South Dakota	32,421	34,370	36,140	34,881	33,361	40,959	46,210	44,879	42,396
Wisconsin	213,801	217,465	231,712	251,103	231,533	239,600	263,838	256,666	269,231
<b>South</b>	<b>3,388,152</b>	<b>3,531,280</b>	<b>3,743,495</b>	<b>3,991,217</b>	<b>3,947,624</b>	<b>4,187,213</b>	<b>4,306,715</b>	<b>4,483,507</b>	<b>4,572,842</b>
Alabama	95,547	95,823	96,835	106,117	108,995	121,973	128,698	126,967	133,939
Arkansas	35,378	37,613	37,185	41,267	42,523	44,525	43,978	46,217	47,595
Delaware	9,840	12,555	12,786	12,976	12,475	14,881	14,647	15,750	15,898
District of Columbia	460,243	511,294	577,164	618,410	630,054	654,923	680,361	719,091	705,923
Florida	302,053	324,608	336,827	351,771	361,184	404,270	410,334	436,084	447,749
Georgia	223,923	232,272	237,010	255,718	254,835	287,327	289,336	292,190	298,468
Kentucky	102,046	104,741	102,652	102,558	98,064	108,080	110,952	117,798	123,868
Louisiana	172,924	176,179	171,985	173,466	165,411	176,806	184,993	195,270	199,634
Maryland	312,054	327,313	344,989	364,660	353,898	377,305	380,090	393,717	402,148
Mississippi	40,683	40,389	40,972	44,642	43,503	55,714	58,082	57,921	59,505
North Carolina	477,888	492,978	551,204	581,135	563,332	494,141	503,453	512,062	528,209
Oklahoma	71,373	70,907	75,923	78,565	83,099	96,539	100,833	112,499	120,239
South Carolina	103,761	102,894	106,111	108,959	110,231	127,227	128,871	133,608	136,259
Tennessee	294,321	304,027	318,405	364,023	330,105	352,081	371,284	380,823	384,006
Texas	463,518	473,476	498,888	546,224	547,443	610,488	623,263	660,266	671,263
Virginia	174,831	176,081	185,156	192,528	193,639	206,204	220,353	226,774	239,866
West Virginia	47,769	48,129	49,404	48,197	48,833	54,730	57,188	56,468	58,272
<b>West</b>	<b>1,655,845</b>	<b>1,780,538</b>	<b>1,892,332</b>	<b>1,983,664</b>	<b>1,882,399</b>	<b>2,131,243</b>	<b>2,204,037</b>	<b>2,322,839</b>	<b>2,446,569</b>
Alaska	6,621	6,705	11,717	8,403	8,357	8,269	7,858	6,845	7,716
Arizona	16,977	18,923	18,959	23,944	19,369	22,467	19,812	21,573	22,019
California	1,182,019	1,274,712	1,372,469	1,445,484	1,355,712	1,564,585	1,616,262	1,717,639	1,815,569
Colorado	108,959	113,387	113,241	118,316	114,452	119,949	120,682	121,944	127,758
Hawaii	15,397	16,787	17,230	18,019	17,321	15,325	16,276	16,087	17,464
Idaho	21,149	23,267	24,823	25,148	23,789	26,194	30,388	31,475	32,898
Montana	11,270	11,976	12,054	11,960	11,481	13,436	13,937	14,222	14,112
Nevada	110	161	197	208	213	374	337	—	558
New Mexico	13,053	16,789	21,128	18,355	19,202	19,598	22,282	22,807	21,744
Oregon	81,101	82,268	84,986	86,555	87,152	98,039	105,780	114,132	118,994
Utah	105,587	113,955	109,916	116,211	112,411	114,561	114,133	114,214	118,920
Washington	93,602	101,608	105,614	111,060	112,940	128,445	136,289	141,902	148,818
Wyoming	—	—	—	—	—	—	—	—	—
<b>U.S. Service Schools</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Outlying Areas</b>	<b>45,246</b>	<b>52,745</b>	<b>75,501</b>	<b>88,329</b>	<b>90,408</b>	<b>104,147</b>	<b>130,343</b>	<b>146,390</b>	<b>169,415</b>
American Samoa	—	—	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—
Puerto Rico	45,246	52,745	75,501	88,329	90,408	104,147	130,343	146,390	169,415
Trust Territories	—	—	—	—	—	—	—	—	—
Virgin Islands	—	—	—	—	—	—	—	—	—

—Data not available or not applicable.

**Table 41.—Educational and general expenditures of private institutions of higher education, by region and state:  
1969-70 to 1987-88 (in thousands of constant 1987-88 dollars)—Continued**

1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
<b>\$20,873,054</b>	<b>\$20,764,219</b>	<b>\$21,263,833</b>	<b>\$21,760,936</b>	<b>\$22,686,616</b>	<b>\$24,068,789</b>	<b>\$25,396,565</b>	<b>\$26,885,413</b>	<b>\$29,781,017</b>	<b>\$30,517,962</b>
<b>9,367,689</b>	<b>9,288,498</b>	<b>9,504,129</b>	<b>9,732,451</b>	<b>10,147,196</b>	<b>10,750,487</b>	<b>11,397,471</b>	<b>12,159,360</b>	<b>12,949,176</b>	<b>13,549,348</b>
616,885	614,593	620,219	634,666	667,965	705,885	741,259	780,474	837,087	885,475
88,294	86,703	87,677	91,303	97,235	98,816	107,555	111,814	125,577	130,265
2,218,382	2,250,633	2,333,460	2,364,890	2,496,602	2,653,398	2,800,436	2,999,591	3,242,911	3,353,461
172,820	172,562	185,675	191,761	206,269	218,618	228,303	245,548	261,274	266,989
481,641	475,057	482,276	493,040	499,737	526,666	551,659	575,122	600,228	618,980
3,819,261	3,776,750	3,839,135	3,924,242	4,062,601	4,282,453	4,579,143	4,867,590	5,093,824	5,376,171
1,623,102	1,621,340	1,651,504	1,711,428	1,779,620	1,901,651	2,004,438	2,164,262	2,323,009	2,426,577
198,601	199,208	209,075	218,719	230,643	248,047	259,104	278,506	308,125	328,930
88,503	91,651	95,106	102,402	106,524	114,954	125,574	134,453	157,141	162,501
<b>4,449,211</b>	<b>4,374,704</b>	<b>4,510,437</b>	<b>4,592,920</b>	<b>4,741,346</b>	<b>5,043,265</b>	<b>5,296,560</b>	<b>5,540,004</b>	<b>5,983,379</b>	<b>6,230,315</b>
1,294,556	1,268,351	1,289,873	1,306,280	1,339,947	1,451,305	1,530,363	1,592,210	1,706,472	1,752,442
353,605	347,685	371,114	378,252	389,881	412,434	430,603	454,367	508,179	536,059
255,920	243,425	253,545	259,193	268,152	288,718	297,761	311,161	326,013	350,660
85,057	84,617	88,774	88,112	88,688	93,934	90,013	93,382	108,995	102,082
356,790	355,857	358,792	355,509	345,864	373,512	391,535	409,357	441,799	472,638
348,582	341,087	363,834	384,977	399,961	426,223	451,244	472,634	507,728	533,708
582,217	569,387	582,976	604,256	637,140	663,365	712,559	759,467	799,481	856,538
101,182	111,509	116,350	119,309	133,331	135,703	140,922	147,898	154,486	163,951
13,096	13,875	12,814	14,960	15,243	16,149	16,796	16,884	13,971	13,585
736,428	716,062	734,153	743,306	767,737	809,696	849,124	887,712	990,722	1,003,382
44,459	42,909	45,214	40,849	43,105	45,646	45,100	47,614	53,285	51,653
277,319	279,939	292,998	297,918	312,298	326,579	340,540	347,317	372,248	393,616
<b>4,640,172</b>	<b>4,635,570</b>	<b>4,696,346</b>	<b>4,833,919</b>	<b>5,044,947</b>	<b>5,349,560</b>	<b>5,630,033</b>	<b>5,961,104</b>	<b>6,927,637</b>	<b>6,921,334</b>
132,297	128,948	124,074	129,268	131,649	137,856	170,619	174,687	162,681	171,878
49,120	47,784	52,113	52,892	54,074	55,137	57,918	60,139	67,179	75,131
15,630	15,770	17,072	22,438	23,966	24,753	27,331	28,212	30,417	32,720
709,566	703,640	697,678	735,299	751,740	778,225	807,869	855,442	907,181	944,373
448,871	447,990	472,758	470,776	497,213	528,752	555,705	589,116	689,151	721,415
312,582	312,292	317,342	337,970	359,058	388,973	425,759	457,577	562,146	516,576
130,423	125,390	125,863	128,875	136,662	140,795	154,573	169,376	177,270	188,790
202,420	192,217	201,373	208,790	221,256	238,881	222,038	236,255	255,243	272,899
409,458	413,115	419,678	435,177	463,916	500,180	543,240	599,105	654,217	701,395
58,578	58,515	57,498	54,999	54,739	56,968	58,259	58,819	62,010	63,202
542,300	544,612	542,171	531,203	553,124	573,660	598,587	631,187	1,037,057	825,450
133,979	133,254	141,687	152,520	158,774	159,762	159,462	159,220	172,589	185,693
144,947	139,323	127,068	126,795	126,675	154,573	157,972	164,470	190,729	201,143
381,711	379,762	390,848	390,551	396,214	423,261	440,115	468,733	505,462	530,784
670,172	679,229	701,198	735,787	783,663	834,908	878,934	910,670	1,016,227	1,033,885
238,717	249,332	248,812	260,540	272,637	292,026	306,735	333,265	368,121	392,152
59,401	64,398	59,113	60,038	59,588	60,850	64,917	64,831	69,957	63,849
<b>2,475,982</b>	<b>2,465,446</b>	<b>2,552,440</b>	<b>2,601,177</b>	<b>2,753,126</b>	<b>2,925,476</b>	<b>3,072,502</b>	<b>3,224,946</b>	<b>3,920,825</b>	<b>3,816,965</b>
9,839	7,765	7,719	7,888	8,685	8,258	9,813	9,694	12,942	14,046
21,868	21,975	31,556	33,474	34,514	42,509	49,485	51,737	95,706	68,094
1,820,338	1,820,981	1,885,776	1,915,048	2,043,635	2,173,377	2,282,739	2,422,889	2,905,912	2,834,251
133,261	131,791	136,056	141,640	147,347	154,050	157,195	151,399	201,822	171,366
18,110	18,203	19,355	19,756	20,352	23,061	24,603	26,958	55,859	58,444
34,712	35,048	36,172	35,978	37,611	38,509	40,508	40,172	43,536	48,823
14,634	14,088	16,374	18,448	18,981	18,474	19,060	19,763	18,679	19,811
542	439	472	528	845	1,243	1,341	2,606	4,467	1,972
21,138	19,886	21,233	19,155	19,972	20,074	20,800	20,949	14,599	17,857
125,800	123,838	126,731	131,003	131,211	142,890	151,102	158,927	171,173	182,383
117,946	112,826	111,475	108,578	110,191	113,761	117,382	118,038	178,656	166,646
157,796	158,606	159,521	169,682	179,782	189,271	198,474	201,814	216,456	230,898
—	—	—	—	—	—	—	—	1,018	2,374
—	—	—	—	—	—	—	—	—	—
<b>165,992</b>	<b>159,176</b>	<b>153,923</b>	<b>165,914</b>	<b>171,693</b>	<b>190,970</b>	<b>200,714</b>	<b>201,287</b>	<b>207,324</b>	<b>220,228</b>
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
165,992	159,176	153,923	165,914	171,693	190,970	200,714	201,287	207,324	220,228
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System, "Financial Statistics" surveys.

**Table 41.—Educational and general expenditures of private institutions of higher education, by region and state:  
1969-70 to 1987-88 (in thousands of constant 1987-88 dollars)—Continued**

Region and state	1988-89	1989-90	Percentage change						
			1969-70 to 1987-88	1969-70 to 1979-80	1979-80 to 1987-88	1969-70 to 1974-75	1974-75 to 1979-80	1979-80 to 1984-85	1984-85 to 1987-88
<b>United States</b> .....	—	—	83.8	25.1	47.0	13.9	9.8	22.3	20.2
<b>Northeast</b> .....	—	—	70.7	17.0	45.9	8.3	8.0	22.7	18.9
Connecticut .....	—	—	74.6	21.2	44.1	15.9	4.6	20.6	19.5
Maine .....	—	—	99.2	32.6	50.2	16.2	14.1	24.0	21.1
Massachusetts .....	—	—	80.3	21.0	49.0	8.2	11.8	24.4	19.7
New Hampshire .....	—	—	114.0	38.3	54.7	25.2	10.4	32.3	16.9
New Jersey .....	—	—	55.0	19.0	30.3	21.0	-1.7	16.1	12.2
New York .....	—	—	55.4	9.2	42.3	2.1	7.0	21.2	17.4
Pennsylvania .....	—	—	86.5	24.6	49.7	14.0	9.2	23.6	21.1
Rhode Island .....	—	—	116.0	30.8	65.1	19.7	9.3	30.1	26.9
Vermont .....	—	—	140.8	35.8	77.3	23.4	10.1	37.0	29.4
<b>Midwest</b> .....	—	—	71.9	20.7	42.4	10.3	9.5	21.1	17.6
Illinois .....	—	—	54.8	12.0	38.2	4.7	7.0	20.7	14.5
Indiana .....	—	—	68.2	9.1	54.2	6.1	2.9	23.8	24.5
Iowa .....	—	—	61.4	12.0	44.1	9.4	2.4	22.3	17.8
Kansas .....	—	—	41.1	17.0	20.6	6.1	10.2	6.4	13.4
Michigan .....	—	—	77.4	33.5	32.8	23.7	8.0	10.0	20.7
Minnesota .....	—	—	180.1	79.0	56.5	26.1	42.0	32.3	18.3
Missouri .....	—	—	94.2	29.1	50.4	15.8	11.5	25.1	20.2
Nebraska .....	—	—	82.7	24.3	47.0	1.3	22.7	26.4	16.3
North Dakota .....	—	—	99.5	103.7	-2.1	81.5	12.3	21.0	-19.1
Ohio .....	—	—	56.2	11.5	40.1	8.1	3.1	18.6	18.2
South Dakota .....	—	—	59.3	32.4	20.4	26.3	4.8	5.1	14.5
Wisconsin .....	—	—	84.1	30.9	40.6	12.1	16.8	21.6	15.6
<b>South</b> .....	—	—	104.3	36.8	49.3	23.6	10.7	21.5	22.9
Alabama .....	—	—	79.9	35.0	33.3	27.7	5.7	32.3	0.7
Arkansas .....	—	—	112.4	35.1	57.2	25.9	7.3	21.2	29.7
Delaware .....	—	—	232.5	60.3	107.5	51.2	6.0	73.3	19.7
District of Columbia .....	—	—	105.2	52.9	34.2	42.3	7.4	14.8	16.9
Florida .....	—	—	138.8	48.3	61.0	33.8	10.8	24.0	29.8
Georgia .....	—	—	130.7	39.5	65.4	28.3	8.7	36.3	21.3
Kentucky .....	—	—	85.0	22.9	50.6	5.9	16.0	23.3	22.1
Louisiana .....	—	—	57.8	11.2	42.0	2.2	8.7	15.5	22.9
Maryland .....	—	—	124.8	32.4	69.8	20.9	9.5	31.5	29.1
Mississippi .....	—	—	55.4	43.8	8.0	36.9	5.0	-0.4	8.5
North Carolina .....	—	—	72.7	14.0	51.6	3.4	10.2	9.9	37.9
Oklahoma .....	—	—	160.2	86.7	39.4	35.3	38.0	19.7	16.4
South Carolina .....	—	—	93.9	34.3	44.4	22.6	9.5	13.4	27.3
Tennessee .....	—	—	80.3	29.0	39.8	19.6	7.9	15.9	20.6
Texas .....	—	—	123.1	46.5	52.2	31.7	11.3	29.4	17.6
Virginia .....	—	—	124.3	42.6	57.3	17.9	20.9	23.0	27.8
West Virginia .....	—	—	33.7	34.8	-0.9	14.6	17.7	0.8	-1.6
<b>West</b> .....	—	—	130.5	48.9	54.8	28.7	15.7	24.6	24.2
Alaska .....	—	—	112.1	17.3	80.9	24.9	-6.1	26.4	43.1
Arizona .....	—	—	301.1	29.4	209.9	32.3	-2.2	125.2	37.6
California .....	—	—	139.8	54.1	55.6	32.4	16.4	25.4	24.2
Colorado .....	—	—	57.3	21.0	30.0	10.1	9.9	19.3	9.0
Hawaii .....	—	—	279.6	18.2	221.1	-0.5	18.8	35.2	137.5
Idaho .....	—	—	130.9	65.7	39.3	23.9	33.8	15.6	20.5
Montana .....	—	—	75.8	25.0	40.6	19.2	4.9	35.3	3.9
Nevada .....	—	—	1686.4	297.5	349.4	238.9	17.3	205.7	47.0
New Mexico .....	—	—	36.8	52.3	-10.2	59.1	1.5	4.6	-14.1
Oregon .....	—	—	124.9	52.7	47.3	20.9	26.3	22.0	20.7
Utah .....	—	—	57.8	6.9	47.7	8.5	-1.5	4.0	42.0
Washington .....	—	—	146.7	69.4	45.6	37.2	23.5	25.1	16.3
Wyoming .....	—	—	—	—	—	—	—	—	—
<b>U.S. Service Schools</b> .....	—	—	—	—	—	—	—	—	—
<b>Outlying Areas</b> .....	—	—	386.7	251.8	38.4	130.2	52.8	26.1	9.7
American Samoa .....	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	386.7	251.8	38.4	130.2	52.8	26.1	9.7
Trust Territories .....	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—

Chart 41a.—Percentage change in educational and general expenditures for private institutions of higher education, by state: 1969-70 to 1987-88 (in constant 1987-88 dollars)

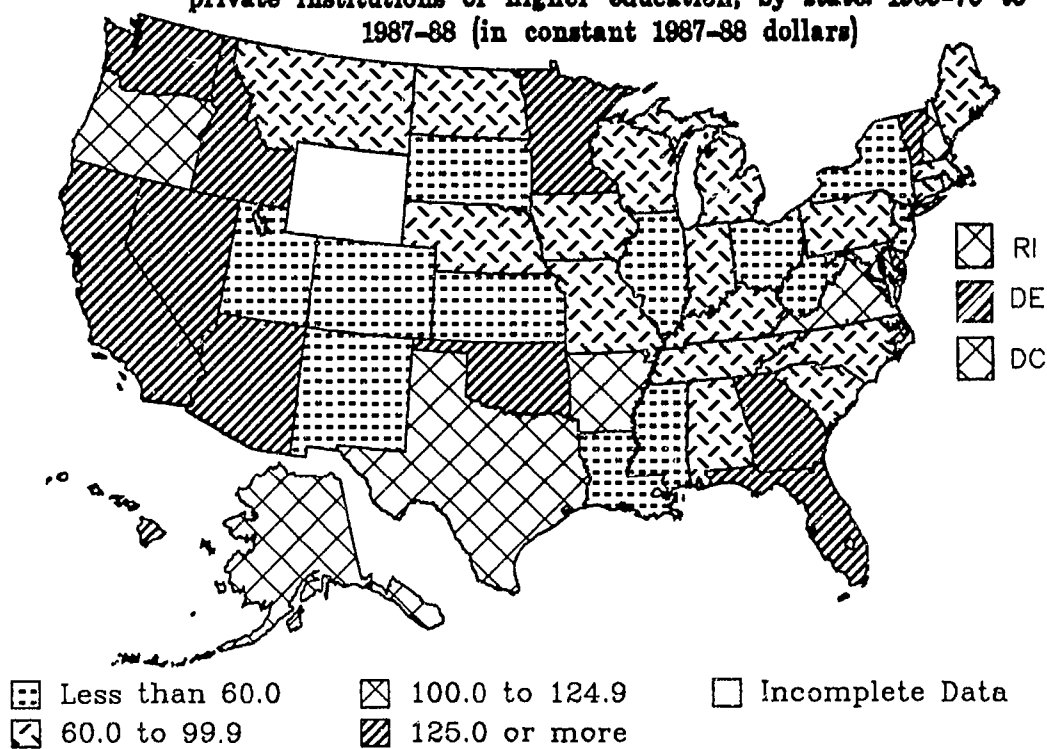
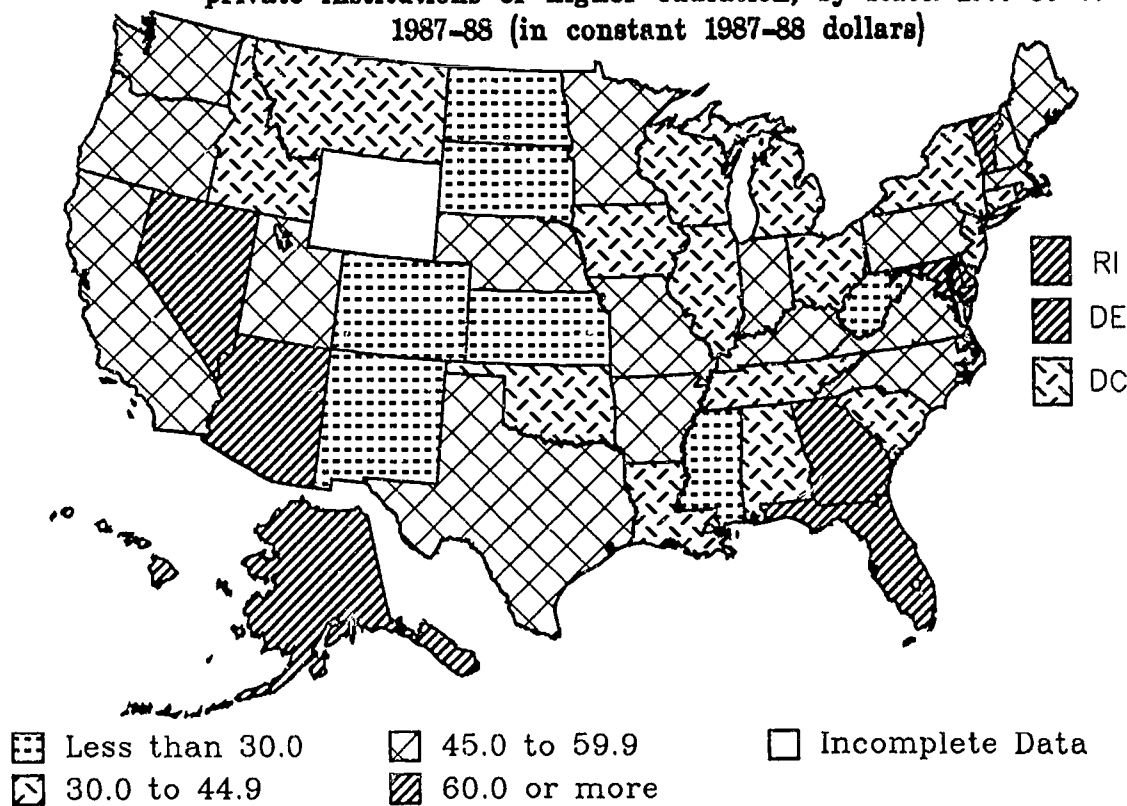


Chart 41b.—Percentage change in educational and general expenditures for private institutions of higher education, by state: 1979-80 to 1987-88 (in constant 1987-88 dollars)



SOURCE: U.S. Department of Education, National Center for Education Statistics, HEGIS, Financial Statistics of Institutions of Higher Education surveys; and IPEDS, Financial Statistics surveys.



## Appendix A

**Table A-1.—Population of the United States, by region and state: 1969-1989**  
(in thousands)

Region and state	1969	1970	1971	1972	1973	1974	1975	1976	1977
<b>United States</b> . . . . .	<b>199,087</b>	<b>201,014</b>	<b>206,827</b>	<b>209,284</b>	<b>211,357</b>	<b>213,342</b>	<b>215,465</b>	<b>217,562</b>	<b>219,760</b>
<b>Northeast</b> . . . . .	<b>48,676</b>	<b>48,794</b>	<b>49,512</b>	<b>49,664</b>	<b>49,541</b>	<b>49,400</b>	<b>49,412</b>	<b>49,369</b>	<b>49,284</b>
Connecticut . . . . .	3,000	3,017	3,061	3,069	3,068	3,074	3,083	3,083	3,086
Maine . . . . .	992	982	1,015	1,034	1,046	1,059	1,072	1,088	1,104
Massachusetts . . . . .	5,650	5,657	5,738	5,760	5,781	5,774	5,758	5,744	5,738
New Hampshire . . . . .	724	733	762	781	801	816	829	845	870
New Jersey . . . . .	7,095	7,110	7,281	7,335	7,333	7,332	7,338	7,340	7,337
New York . . . . .	18,105	18,158	18,358	18,339	18,177	18,050	18,003	17,941	17,813
Pennsylvania . . . . .	11,741	11,778	11,900	11,908	11,891	11,871	11,906	11,897	11,894
Rhode Island . . . . .	932	914	963	975	976	951	973	946	950
Vermont . . . . .	437	445	434	463	468	473	480	485	492
<b>Midwest</b> . . . . .	<b>56,106</b>	<b>56,397</b>	<b>57,107</b>	<b>57,404</b>	<b>57,602</b>	<b>57,745</b>	<b>57,891</b>	<b>58,101</b>	<b>58,363</b>
Illinois . . . . .	11,039	11,059	11,202	11,252	11,251	11,262	11,292	11,343	11,386
Indiana . . . . .	5,143	5,196	5,253	5,302	5,338	5,362	5,366	5,389	5,426
Iowa . . . . .	2,805	2,624	2,852	2,860	2,864	2,868	2,881	2,903	2,914
Kansas . . . . .	2,236	2,213	2,247	2,256	2,266	2,269	2,281	2,301	2,321
Michigan . . . . .	8,781	8,980	8,974	9,029	9,078	9,118	9,118	9,129	9,171
Minnesota . . . . .	3,758	3,900	3,853	3,870	3,889	3,904	3,933	3,965	3,989
Missouri . . . . .	4,640	4,638	4,726	4,759	4,783	4,796	4,808	4,839	4,863
Nebraska . . . . .	1,474	1,472	1,505	1,519	1,530	1,539	1,543	1,551	1,557
North Dakota . . . . .	621	606	627	631	633	635	639	646	650
Ohio . . . . .	10,563	10,632	10,735	10,747	10,767	10,766	10,770	10,753	10,771
South Dakota . . . . .	668	661	671	677	679	680	681	686	688
Wisconsin . . . . .	4,378	4,416	4,462	4,502	4,524	4,546	4,579	4,596	4,627
<b>South</b> . . . . .	<b>62,190</b>	<b>61,531</b>	<b>64,476</b>	<b>65,826</b>	<b>67,116</b>	<b>68,377</b>	<b>69,565</b>	<b>70,680</b>	<b>71,816</b>
Alabama . . . . .	3,440	3,410	3,497	3,539	3,580	3,626	3,679	3,735	3,780
Arkansas . . . . .	1,913	1,915	1,972	2,019	2,059	2,101	2,160	2,170	2,209
Delaware . . . . .	540	542	565	573	578	581	587	590	592
District of Columbia . . . . .	762	730	750	742	731	718	707	692	677
Florida . . . . .	6,641	6,683	7,158	7,511	7,914	8,299	8,518	8,667	8,856
Georgia . . . . .	4,551	4,497	4,712	4,809	4,910	4,999	5,064	5,133	5,220
Kentucky . . . . .	3,198	3,171	3,298	3,336	3,371	3,416	3,468	3,529	3,574
Louisiana . . . . .	3,619	3,601	3,710	3,762	3,788	3,820	3,886	3,951	4,014
Maryland . . . . .	3,868	3,852	4,018	4,073	4,098	4,119	4,139	4,151	4,170
Mississippi . . . . .	2,220	2,194	2,265	2,307	2,350	2,378	2,399	2,430	2,459
North Carolina . . . . .	5,031	4,980	5,204	5,301	5,390	5,471	5,547	5,608	5,686
Oklahoma . . . . .	2,535	2,521	2,619	2,659	2,696	2,735	2,775	2,827	2,870
South Carolina . . . . .	2,570	2,314	2,662	2,719	2,777	2,845	2,902	2,944	2,992
Tennessee . . . . .	3,897	3,898	4,014	4,095	4,147	4,214	4,276	4,347	4,423
Texas . . . . .	11,045	11,022	11,510	11,759	12,020	12,269	12,569	12,904	13,193
Virginia . . . . .	4,614	4,457	4,751	4,824	4,901	4,971	5,047	5,122	5,193
West Virginia . . . . .	1,746	1,744	1,771	1,798	1,806	1,815	1,842	1,880	1,908
<b>West</b> . . . . .	<b>34,333</b>	<b>34,183</b>	<b>35,730</b>	<b>36,360</b>	<b>37,101</b>	<b>37,820</b>	<b>38,600</b>	<b>39,413</b>	<b>40,297</b>
Alaska . . . . .	296	270	316	324	331	341	376	401	403
Arizona . . . . .	1,737	1,775	1,896	2,008	2,124	2,223	2,285	2,346	2,425
California . . . . .	19,711	19,559	20,346	20,585	20,869	21,174	21,538	21,936	22,352
Colorado . . . . .	2,166	2,157	2,306	2,405	2,496	2,541	2,586	2,632	2,696
Hawaii . . . . .	750	715	802	828	852	868	886	904	918
Idaho . . . . .	707	708	739	763	782	808	832	857	853
Montana . . . . .	694	688	711	719	727	736	748	757	770
Nevada . . . . .	480	479	520	547	569	597	620	647	678
New Mexico . . . . .	1,011	999	1,054	1,079	1,106	1,131	1,160	1,189	1,216
Oregon . . . . .	2,062	2,088	2,151	2,197	2,242	2,285	2,330	2,378	2,447
Utah . . . . .	1,047	1,066	1,101	1,135	1,170	1,200	1,236	1,275	1,350
Washington . . . . .	3,343	3,340	3,448	3,423	3,479	3,550	3,621	3,694	3,776
Wyoming . . . . .	329	339	340	347	354	366	382	397	413

Note—Due to rounding, details may not add up to totals.

**Table A-1.—Population of the United States, by region and state: 1969-1989**  
(in thousands)—Continued

1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<b>222,095</b>	<b>224,567</b>	<b>226,546</b>	<b>229,637</b>	<b>231,996</b>	<b>234,284</b>	<b>236,477</b>	<b>238,736</b>	<b>241,107</b>	<b>243,427</b>	<b>245,785</b>	<b>248,239</b>
49,195	49,160	49,136	49,262	49,324	49,532	49,717	49,866	50,073	50,300	50,589	50,772
3,092	3,096	3,108	3,124	3,129	3,147	3,160	3,176	3,194	3,212	3,232	3,239
1,114	1,123	1,125	1,133	1,137	1,145	1,157	1,164	1,172	1,186	1,206	1,222
5,736	5,738	5,737	5,754	5,746	5,764	5,795	5,824	5,835	5,856	5,890	5,913
892	909	921	937	948	959	978	998	1,027	1,057	1,085	1,107
7,351	7,351	7,365	7,407	7,431	7,469	7,517	7,565	7,626	7,675	7,718	7,736
17,681	17,58	17,558	17,559	17,576	17,671	17,727	17,768	17,807	17,838	17,909	17,950
11,879	11,888	11,864	11,879	11,883	11,896	11,892	11,866	11,897	11,943	11,998	12,040
952	950	947	952	953	955	960	967	975	986	993	998
498	505	511	517	521	526	531	535	540	547	558	567
<b>58,605</b>	<b>58,782</b>	<b>58,868</b>	<b>59,002</b>	<b>58,952</b>	<b>58,920</b>	<b>59,084</b>	<b>59,199</b>	<b>59,305</b>	<b>59,549</b>	<b>59,867</b>	<b>60,149</b>
11,413	11,397	11,427	11,475	11,481	11,494	11,525	11,539	11,554	11,585	11,613	11,658
5,470	5,501	5,490	5,489	5,484	5,475	5,492	5,500	5,504	5,531	5,559	5,593
2,918	2,916	2,914	2,918	2,905	2,896	2,892	2,870	2,840	2,822	2,830	2,840
2,336	2,351	2,364	2,389	2,410	2,428	2,441	2,448	2,458	2,475	2,496	2,513
9,218	9,266	9,262	9,211	9,119	9,055	9,060	9,089	9,143	9,206	9,240	9,273
4,015	4,050	4,076	4,113	4,133	4,145	4,163	4,191	4,214	4,245	4,308	4,353
4,889	4,912	4,917	4,939	4,944	4,965	5,004	5,036	5,066	5,107	5,140	5,159
1,564	1,567	1,570	1,583	1,590	1,597	1,605	1,605	1,598	1,594	1,603	1,611
651	653	653	661	672	681	687	685	679	672	667	660
10,796	10,798	10,798	10,796	10,772	10,761	10,770	10,775	10,779	10,817	10,865	10,907
689	688	691	692	695	699	705	708	708	710	714	715
4,646	4,683	4,706	4,736	4,747	4,724	4,740	4,753	4,767	4,785	4,832	4,867
<b>72,983</b>	<b>74,273</b>	<b>75,372</b>	<b>77,064</b>	<b>78,496</b>	<b>79,735</b>	<b>80,787</b>	<b>81,884</b>	<b>82,992</b>	<b>83,078</b>	<b>84,637</b>	<b>85,525</b>
3,832	3,866	3,894	3,928	3,944	3,963	3,991	4,022	4,051	4,084	4,103	4,118
2,243	2,271	2,286	2,300	2,308	2,326	2,346	2,360	2,371	2,388	2,396	2,406
595	595	594	598	602	610	618	626	637	648	660	673
665	650	638	633	627	625	624	624	625	622	613	604
9,102	9,426	9,746	10,195	10,476	10,759	11,053	11,368	11,689	12,023	12,338	12,671
5,296	5,401	5,463	5,570	5,654	5,736	5,845	5,976	6,102	6,228	6,339	6,436
3,610	3,642	3,661	3,677	3,695	3,713	3,720	3,724	3,723	3,723	3,726	3,727
4,069	4,138	4,206	4,300	4,384	4,442	4,462	4,484	4,498	4,448	4,407	4,382
4,184	4,191	4,217	4,256	4,272	4,301	4,349	4,393	4,463	4,537	4,626	4,694
2,488	2,507	2,521	2,545	2,567	2,583	2,599	2,614	2,624	2,624	2,620	2,621
5,759	5,823	5,882	5,957	6,018	6,079	6,168	6,258	6,328	6,410	6,489	6,571
2,917	2,975	3,025	3,108	3,233	3,317	3,321	3,315	3,304	3,269	3,234	3,224
3,044	3,090	3,122	3,186	3,220	3,253	3,297	3,335	3,381	3,426	3,465	3,512
4,486	4,560	4,591	4,639	4,667	4,691	4,728	4,767	4,801	4,856	4,898	4,940
13,500	13,888	14,229	14,769	15,378	15,816	16,079	16,378	16,680	16,778	16,834	16,991
5,270	5,308	5,347	5,442	5,489	5,558	5,635	5,704	5,798	5,916	6,013	6,098
1,923	1,942	1,950	1,961	1,962	1,963	1,952	1,936	1,917	1,898	1,876	1,857
<b>41,313</b>	<b>42,348</b>	<b>43,173</b>	<b>44,310</b>	<b>45,227</b>	<b>46,099</b>	<b>46,889</b>	<b>47,788</b>	<b>48,738</b>	<b>49,699</b>	<b>50,690</b>	<b>51,797</b>
405	403	402	416	446	482	505	522	531	525	525	527
2,515	2,636	2,718	2,809	2,885	2,963	3,053	3,161	3,281	3,397	3,483	3,556
22,836	23,257	23,668	24,263	24,780	25,307	25,777	26,355	26,999	27,655	28,323	29,063
2,757	2,849	2,890	2,984	3,072	3,148	3,189	3,232	3,265	3,294	3,300	3,317
932	953	965	980	998	1,019	1,036	1,050	1,064	1,082	1,096	1,112
911	933	944	964	978	988	1,000	1,005	1,003	1,000	1,003	1,014
782	787	787	796	805	816	823	825	817	809	805	806
719	765	800	845	877	895	916	939	966	1,006	1,054	1,111
1,238	1,285	1,303	1,335	1,368	1,402	1,426	1,450	1,477	1,496	1,510	1,528
2,518	2,588	2,633	2,671	2,671	2,663	2,679	2,689	2,703	2,723	2,768	2,820
368	1,420	1,461	1,516	1,559	1,596	1,623	1,644	1,664	1,680	1,691	1,707
3,889	4,018	4,132	4,237	4,278	4,304	4,349	4,407	4,461	4,542	4,652	4,761
433	454	470	494	510	516	513	509	507	490	480	475

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1987, 1991*; U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, Population Estimates and Projections, P.25 #459*.

**Table A-2.—Estimated school-age population,<sup>1</sup> by region and state: 1970 to 1989 (in thousands)**

Region and state	1970 <sup>2</sup>	1975 <sup>3</sup>	1980 <sup>3</sup>	1985 <sup>3</sup>	1989 <sup>3</sup>
<b>United States</b> .....	<b>52,540</b>	<b>51,044</b>	<b>47,407</b>	<b>44,975</b>	<b>45,330</b>
<b>Northeast</b> .....	<b>12,047</b>	<b>11,382</b>	<b>9,981</b>	<b>8,831</b>	<b>8,503</b>
Connecticut .....	768	734	638	554	532
Maine .....	260	260	243	221	220
Massachusetts .....	1,407	1,339	1,153	978	924
New Hampshire .....	189	201	196	184	195
New Jersey .....	1,797	1,734	1,528	1,347	1,286
New York .....	4,358	4,081	3,552	3,184	3,044
Pennsylvania .....	2,925	2,704	2,376	2,097	2,039
Rhode Island .....	225	212	186	165	162
Vermont .....	118	117	109	101	101
<b>Midwest</b> .....	<b>15,019</b>	<b>14,022</b>	<b>12,538</b>	<b>11,417</b>	<b>11,175</b>
Illinois .....	2,859	2,674	2,401	2,192	2,116
Indiana .....	1,386	1,307	1,200	1,093	1,065
Iowa .....	743	694	604	545	519
Kansas .....	573	520	468	451	468
Michigan .....	2,450	2,298	2,067	1,826	1,761
Minnesota .....	1,051	987	865	789	801
Missouri .....	1,183	1,114	1,008	936	936
Nebraska .....	389	364	324	303	305
North Dakota .....	175	157	136	133	129
Ohio .....	2,820	2,590	2,307	2,095	2,036
South Dakota .....	187	166	147	137	140
Wisconsin .....	1,203	1,151	1,011	917	899
<b>South</b> .....	<b>16,460</b>	<b>16,576</b>	<b>16,095</b>	<b>15,780</b>	<b>16,033</b>
Alabama .....	934	903	866	815	811
Arkansas .....	498	512	496	472	476
Delaware .....	148	144	125	116	119
District of Columbia ..	164	137	109	90	91
Florida .....	1,609	1,800	1,789	1,802	1,985
Georgia .....	1,223	1,252	1,231	1,224	1,286
Kentucky .....	844	835	800	750	716
Louisiana .....	1,041	1,012	969	940	911
Maryland .....	1,038	1,026	895	791	803
Mississippi .....	635	618	599	582	566
North Carolina .....	1,323	1,306	1,254	1,191	1,179
Oklahoma .....	640	628	622	628	619
South Carolina .....	720	722	703	677	690
Tennessee .....	1,002	998	972	922	915
Texas .....	3,002	3,065	3,137	3,362	3,474
Virginia .....	1,197	1,198	1,114	1,030	1,039
West Virginia .....	442	420	414	388	353
<b>West</b> .....	<b>9,020</b>	<b>9,066</b>	<b>8,786</b>	<b>8,948</b>	<b>9,619</b>
Alaska .....	88	102	92	108	110
Arizona .....	486	555	578	604	671
California .....	4,999	4,924	4,681	4,754	5,225
Colorado .....	589	617	592	594	602
Hawaii .....	204	208	198	195	199
Idaho .....	200	210	213	223	225
Montana .....	197	186	167	164	158
Nevada .....	127	148	160	166	191
New Mexico .....	311	311	303	303	320
Oregon .....	534	534	525	499	503
Utah .....	312	322	350	419	456
Washington .....	881	856	826	813	859
Wyoming .....	92	93	101	106	100

<sup>1</sup> Five to seventeen year-olds.

<sup>2</sup> As of April 1.

<sup>3</sup> As of July 1.

SOURCE: U.S. Department of Commerce, Bureau of the *Current Population Reports*, "State Population and Household Estimates: July 1, 1989," Series P-25, No. 1058; and Population Estimates, unpublished data.

**Table A-3.—Selected price indexes: 1969-70 to 1990-91**

Calendar Year			School Year			
Year	GNP implicit price deflator	Consumer Price Index <sup>1</sup>	Year	Consumer Price Index <sup>2</sup>	Elementary/Secondary Price Index	Higher Education Price Index
1969	39.8	36.7	1969-70	37.8	—	39.2
1970	42.0	38.8	1970-71	39.7	—	41.6
1971	44.4	40.5	1971-72	41.2	—	44.0
1972	46.5	41.8	1972-73	42.8	—	46.3
1973	49.5	44.4	1973-74	46.6	—	49.6
1974	54.0	49.3	1974-75	51.8	51.6	53.8
1975	59.3	53.8	1975-76	55.5	56.1	57.4
1976	63.1	56.9	1976-77	58.7	59.9	61.1
1977	67.3	60.6	1977-78	62.6	64.0	65.2
1978	72.2	65.2	1978-79	68.5	69.9	70.2
1979	78.6	72.6	1979-80	77.6	76.3	77.2
1980	85.7	82.4	1980-81	86.6	85.5	85.5
1981	94.0	90.9	1981-82	94.1	93.8	94.0
1982	100.0	96.5	1982-83	98.2	100.0	100.0
1983	103.9	99.6	1983-84	101.8	105.6	104.7
1984	107.7	103.9	1984-85	105.8	112.5	110.5
1985	110.9	107.6	1985-86	108.8	119.6	115.6
1986	113.8	109.6	1986-87	111.2	125.7	120.4
1987	117.4	113.6	1987-88	115.8	132.5	125.7
1988	121.3	118.3	1988-89	121.2	139.5	133.1
1989	126.3	124.0	1989-90	127.0	—	—
1990	131.5	130.7	1990-91	133.9	—	—

<sup>1</sup>Index for urban wage earners and clerical workers through 1977; 1978 and later figures are for all urban consumers.

<sup>2</sup>Consumer price index adjusted to a school-year basis (July through June).

—Data not available.

SOURCE: Council of Economic Advisors, Economic Indicators, February 1991; U.S. Department of Education, National Institute of Education, Inflation Measures for Schools and Colleges; U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index; Research Associates of Washington, "Higher Education Prices and Price Indexes: 1989 Update" and "School Price Index: 1989 Update;" and U.S. Office of Management and Budget, Budget of the U.S. Government, Fiscal Year 1992.

## Appendix B

### Definitions

**Adjusted dollars:** Dollar amounts that have been adjusted by means of price and cost indexes to eliminate inflationary factors and allow direct comparison across years.

**Associate degree:** A degree granted for the successful completion of a sub-baccalaureate program of studies, usually requiring at least 2 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work/study program.

**Auxiliary enterprises:** This category includes those essentially self-supporting operations which exist to furnish a service to students, faculty, or staff, and which charge a fee that is directly related to, although not necessarily equal to, the cost of the service. Examples are residence halls, food services, college stores, and intercollegiate athletics.

**Average daily attendance (ADA):** The aggregate attendance of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered days in session.

**Bachelor's degree:** A degree granted for the successful completion of a baccalaureate program of studies, usually requiring at least 4 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work/study program.

**Classroom teacher:** A staff member assigned the professional activities of instructing pupils in self-contained classes or courses, or in classroom situations. Usually expressed in full-time equivalents.

**College:** A postsecondary school which offers general or liberal arts education, usually leading to an associate, bachelor's, master's, doctor's, or first-professional degree. Junior colleges and community colleges are included under this terminology.

**Constant dollars:** Dollar amounts that have been adjusted by means of price and cost indexes to eliminate inflationary factors and allow direct comparison across years.

**Consumer Price Index (CPI):** This price index measures the average change in the cost of a fixed market basket of goods and services purchased by consumers.

**Current dollars:** Dollar amounts that have not been adjusted to compensate for inflation.

**Current expenditures (elementary/secondary):** The expenditures for operating local public schools excluding capital outlay and interest on school debt. These expenditures include such items as salaries for school personnel, fixed charges, student transportation, school books and materials, and energy costs. Beginning in 1980-81, expenditures for state administration are excluded.

**Current expenditure per pupil in average daily attendance:** Current expenditures for the regular school term divided by the average daily attendance of full-time pupils (or full-time equivalency of pupils) during the term. See also Current expenditures and Average daily attendance.

**Current-fund expenditures (higher education):** Money spent to meet current operating costs, including all salaries, wages, utilities, student services, public services, research libraries, scholarships and fellowships, auxiliary enterprises, hospitals, and independent operations. Excludes loans, capital expenditures, and investments.

**Doctor's degree:** An earned degree carrying the title of Doctor. The Doctor of Philosophy degree (Ph.D.) is the highest academic degree and requires mastery within a field of knowledge and demonstrated ability to perform scholarly research. Other doctorates are awarded for fulfilling specialized requirements in professional fields, such as education (Ed.D.), musical arts (D.M.A.), business administration (D.B.A.), and engineering (D.Eng. or D.E.S.). Many doctor's degrees in both academic and professional fields require an earned master's degree as a prerequisite. First-professional degrees, such as M.D. and D.D.S., are not included under this heading.

**Educational and general expenditures:** The sum of current-fund expenditures on instruction, research, public service, academic support, student services, institutional support, operation and maintenance of plant, and awards from restricted and unrestricted funds. Excludes auxiliary enterprises, hospitals, independent operations, loans, capital expenditures, and investments.

**Elementary enrollment:** The total number of kindergarten through grade eight students registered in a given school unit at a given time, generally in the fall of a year. Elementary enrollment also includes a small number of prekindergarten students.

**Elementary school:** A school classified as elementary by state and local practice and composed of any span of grades not above grade 8. A preschool or kindergarten school is included under this heading only if it is an integral part of an elementary school or a regularly established school system.

**Enrollment:** The total number of students registered in a given school unit at a given time, generally in the fall of a year.

**First-professional degree:** A degree that signifies both completion of the academic requirements for beginning practice in a given profession and a level of professional skill beyond that normally required for a bachelor's degree. This degree usually is based on a program requiring at least 2 academic years of work prior to entrance and a total of at least 6 academic years of work to complete the degree program, including both prior-required college work and the professional program itself. By NCES definition, first-professional degrees are awarded in the fields of dentistry (D.D.S. or D.M.D.), medicine (M.D.), optometry (O.D.), osteopathic medicine (D.O.), pharmacy (D.Pharm.), podiatric medicine (D.P.M.), veterinary medicine (D.V.M.), chiropractic (D.C. or D.C.M.), law (J.D.), and theological professions (M.Div. or M.H.L.).

**Full-time-equivalent (FTE) enrollment:** For institutions of higher education, enrollment of full-time students, plus the full-time-equivalent of part-time students as reported by institutions. In the absence of an equivalent reported by an institution, the FTE enrollment is estimated by adding one-third of part-time enrollment to full-time enrollment.

**Full-time instructional faculty:** Those members of the instruction/research staff who are employed full-time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave. Full-time counts exclude faculty who are employed to teach less than two semesters, three quarters, two trimesters, or two 4-month sessions; replacements for faculty on sabbatical leave or those on leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their

services; faculty who are members of military organizations and paid on a different scale from civilian employees; academic officers whose primary duties are administrative; and graduate students who assist in the instruction of courses.

**Graduate:** An individual who has received formal recognition for the successful completion of a prescribed program of studies.

**Higher education:** Study beyond secondary school at an institution that offers programs terminating in an associate, baccalaureate, or higher degree.

**Higher education institutions (traditional classification):** Institutions accredited at the college level by an agency or association recognized by the Secretary, U.S. Department of Education.

**4-year institution:** An institution legally authorized to offer and offering at least a 4-year program of college-level studies wholly or principally creditable toward a baccalaureate degree.

**2-year institution:** An institution legally authorized to offer and offering at least a 2-year program of college-level studies which terminates in an associate degree or is principally creditable toward a baccalaureate degree.

**High school:** A secondary school offering the final years of high school work necessary for graduation, usually including grades 10, 11, 12 (in a 6-3-3 plan) or grades 9, 10, 11, and 12 (in a 6-2-4 plan).

**High school graduate:** An individual who has received formal recognition for the successful completion of prescribed secondary school requirements. High school equivalency and other diploma recipients and other high school completers such as certificate of attendance recipients, are not considered high school graduates.

**Independent operations:** A group of self-supporting activities under control of a college or university. For purposes of financial surveys conducted by the National Center for Education Statistics, this category comprises principally Federally Funded Research and Development Centers (FFRDC).

**Master's degree:** A degree awarded for successful completion of a program generally requiring 1 or 2 years of full-time college-level study beyond the bachelor's degree. One type of master's degree including the Master of Arts degree, or M.A., and the Master of Science degree, or M.S., is awarded in the liberal arts and sciences for advanced scholarship in a subject field or discipline and demonstrated ability to perform scholarly research. A second type of master's degree is awarded for the completion of a professionally oriented program, for example, an M.Ed. in education, an M.B.A. in business administration, an M.F.A. in fine arts, an M.M. in music, an M.S.W. in social work, and an M.P.A. in public administration. A third type of master's degree is awarded in professional fields for study beyond the first-professional degree, for example, the Master of Laws (LL.M.) and Master of Science in various medical specializations.

**Private school or institution:** A school or institution that is controlled by an individual or agency other than a state, a subdivision of a state, or the federal government, which is usually supported primarily by other than public funds, and the operation of whose program rests with other than publicly elected or appointed officials.

**Public school or institution:** A school or institution controlled and operated by publicly elected or appointed officials and deriving its primary support from public funds.

**Pupil/staff ratio:** The enrollment of pupils at a given period of time, divided by the full-time-equivalent number of staff serving these pupils during the same period.

**Pupil/teacher ratio:** The enrollment of pupils at a given period of time, divided by the full-time-equivalent number of classroom teachers serving these pupils during the same period.

**Region:** The geographical regions used in this publication are as follows:

**Northeast** - Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont.

**Midwest** - Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin.

**South** - Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia.

**West** - Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming.

**Salary:** The total amount regularly paid or stipulated to be paid to an individual, before deductions, for personal services rendered while on the payroll of a business or organization.

**School:** A division of the school system consisting of students in one or more grade or other identifiable groups and organized to give instruction of a defined type. One school may share a building with another school or one school may be housed in several buildings.

**Secondary enrollment:** the total number of grade 9 through 12 students registered in a given school unit at a given time, generally in the fall of a year.

**Special education:** Direct instructional activities or special learning experiences designed primarily for students identified as having exceptionalities in one or more aspects of the cognitive process or as being underachievers in relation to general level or model of their overall abilities. Such services usually are directed at students with the following conditions: (1) physically handicapped; (2) emotionally handicapped; (3) culturally different, including compensatory education; (4) mentally retarded; and (5) students with learning disabilities. Programs for the mentally gifted and talented are also included in some special education programs.

**Staff:** Full-time-equivalent number of positions, not the number of different individuals occupying the positions during the school year. Includes consultants or supervisors of instruction, principals, teachers, guidance personnel, librarians, psychological personnel, and other instructional staff, administrative staff, attendance personnel, and clerical personnel.

**Student:** An individual for whom instruction is provided in an educational program under the jurisdiction of a school, school system, or other education institution. No distinction is made between



the terms "student" and "pupil," though "student" may refer to one receiving instruction at any level while "pupil" refers only to one attending school at the elementary or secondary level. A student may receive instruction in a school facility or in another location, such as at home or in a hospital. Instruction may be provided by direct student-teacher interaction or by some other approved medium such as television, radio, telephone, and correspondence.

**U.S. Service Schools:** These institutions of higher education are controlled by the U.S. Department of Defense and the U.S. Department of Transportation. The 10 institutions counted in the NCES Higher Education General Information Survey and Integrated Postsecondary Education Data Survey include the Air Force Institute of Technology, Community College of the Air Force, Naval Postgraduate School, Uniformed Services University of the Health Sciences, U.S. Air Force Academy, U.S. Merchant Marine Academy, U.S. Military Academy, and the U.S. Naval Academy.

**Unadjusted dollars:** Dollar amounts that have not been adjusted to compensate for inflation.

## Appendix C

### Guide to Sources

#### Sources and Comparability of Data

The information presented in this report was obtained from the National Center for Education Statistics (NCES), the Office of Special Education and Rehabilitative Services (OSERS), and the National Education Association (NEA). *Historical Trends: State Education Facts* users should take particular care when comparing data from different sources. Differences in procedures, timing, phrasing of questions, interviewer training, and so forth mean that the results from the different sources may not be strictly comparable. Following the general discussion of data accuracy below, descriptions of the information sources and data collection methods are presented, grouped by sponsoring organization. More extensive documentation of a particular survey's procedures does not imply more problems with the data, only that more information is available.

#### Accuracy of Data

The accuracy of any statistic is determined by the joint effects of "sampling" and "nonsampling" errors. Estimates based on a sample will differ somewhat from the figures that would have been obtained if a complete census had been taken using the same survey instruments, instructions, and procedures. In addition to such sampling errors, all surveys, both universe and sample, are subject to design, reporting, and processing errors and errors due to nonresponse. To the extent possible, these nonsampling errors are kept to a minimum by methods built into the survey procedures. In general, however, the effects of nonsampling errors are more difficult to gauge than those produced by sampling variability.

#### National Center for Education Statistics (NCES)

##### *Common Core of Data*

NCES uses the Common Core of Data (CCD) survey to acquire and maintain statistical data on the 50 states, the District of Columbia, and the outlying areas from the universe of state-level education agencies. Information about staff and students is collected annually at the school, local education agency or school district (LEA), and state levels. Information about revenues and expenditures is also collected at the state level.

Data are collected for a particular school year (July 1 through June 30) via survey instruments sent to the states by October 15 of the subsequent school year. States normally have 2 years in which to modify the data originally submitted. This publication reflects the results of an extensive NCES effort to reexamine historical data from 1969 to 1989. In some cases, data have been revised slightly based on state recommendations about revised and corrected data.

Since the CCD is a universe survey, the CCD information presented in this edition of *Historical Trends: State Education Facts* is not subject to sampling errors. However, nonsampling errors could come from two sources—nonreturn and inaccurate reporting. Almost all of the states submit the six CCD survey instruments each year, but submissions are sometimes incomplete or too late for publication.

Understandably, when 57 education agencies compile and submit data for over 85,000 public schools and approximately 15,000 local school districts, misreporting can occur. Typically, this results

from varying interpretation of NCES definitions and differing recordkeeping systems. NCES attempts to minimize these errors by working closely with the Council of Chief State School Officers (CCSSO) and its Committee on Evaluation and Information Systems (CEIS).

The state education agencies report data to NCES from data collected and edited in their regular reporting cycles. NCES encourages the agencies to incorporate into their own survey systems the NCES items they do not already collect so that those items will also be available for the subsequent CCD survey. Over time, this has meant fewer missing data cells in each state's response, reducing the need to impute data.

NCES subjects data from the education agencies to a comprehensive edit. Where data are determined to be inconsistent, missing, or out of range, NCES contacts the education agencies for verification. NCES-prepared state summary forms are returned to the state education agencies for verification. States are also given an opportunity to revise their state-level aggregates from the previous survey cycle. In June 1991, each state and regional CCD coordinator was asked to verify the 1969 through 1989 enrollment, teachers, and high school employee data to reduce nonsampling errors in *Historical Trends: State Education Facts*. Questions concerning the Common Core of Data can be directed to:

John Sietsema  
Elementary and Secondary Education Statistics Division  
National Center for Education Statistics  
555 New Jersey Avenue NW  
Washington, DC 20208-5651

### ***Integrated Postsecondary Education Data System***

The Integrated Postsecondary Education Data System (IPEDS) surveys all postsecondary institutions, including universities and colleges, as well as institutions offering technical and vocational education beyond the high school level. This survey, which began in 1986, replaces and supplements the Higher Education General Information Survey (HEGIS).

The IPEDS consists of several integrated components that obtain information on who provides postsecondary education (institutions), who participates in it and completes it (students), what programs are offered and what programs are completed, and both the human and financial resources involved in the provision of institutionally based postsecondary education. Specifically, these components include: "Institutional Characteristics," including institutional activity; fall enrollment, including age and residence; fall enrollment in occupationally specific programs; completions; finance; staff; salaries of full-time instructional faculty; and academic libraries.

The higher education portion of this survey is a census of accredited 2- and 4-year colleges, while data from the technical and vocational institutions are collected through a sample survey. Thus, some portions of the data will be subject to sampling and nonsampling errors, while some portions will be subject only to nonsampling errors. For example, the tabulations on "Institutional Characteristics" developed for this edition of *Historical Trends: State Education Facts* are based on lists of postsecondary institutions and are not subject to sampling errors.

Prior to the establishment of IPEDS in 1986, HEGIS acquired and maintained statistical data on the characteristics and operations of institutions of higher education. Implemented in 1966, HEGIS was an annual universe survey of institutions listed in the latest NCES *Education Directory, Colleges and Universities*.

The tables presented in this report draw on HEGIS surveys which solicited information concerning institutional characteristics, faculty salaries, finances, enrollment, and degrees. Since these surveys were distributed to all higher education institutions, the data presented were not subject to sampling error. However, they were subject to nonsampling error, the sources of which varied with the survey instrument. Information concerning the nonsampling error of the enrollment and degrees surveys draws extensively on the "HEGIS Post-Survey Validation Study" conducted in 1979. In some cases minor revisions have been made to reflect tabulation procedures more consistent with current definitions.

In the IPEDS system, institutions are counted in the state of their physical location, in instances where institutions have multi-state campuses. In the former HEGIS system, institutions were counted in the state where the main campus of an institution was located. For this publication, the HEGIS data have been adjusted to conform to the newer IPEDS state location definitions. Therefore, the data for some states may differ from data in the *Digest of Education Statistics* and other NCES publications.

### ***Institutional Characteristics***

This survey provided the basis for the universe of institutions presented in the *Education Directory, Colleges and Universities*. The universe comprised institutions that met certain accreditation criteria and offered at least a 1-year program of college-level studies leading toward a degree. All of these institutions were certified as eligible by the U.S. Department of Education's Division of Eligibility and Agency Evaluation. Each fall, institutions listed in the previous year's Directory were asked to update a computer printout of their information.

### ***Fall Enrollment***

This survey has been part of the IPEDS or HEGIS series since 1966. The enrollment survey response rate has been relatively high; the 1989 response rate was 86.1 percent. Major sources of nonsampling error for this survey were classification problems, the unavailability of needed data, interpretation of definitions, the survey due date, and operational errors. Of these, the classification of students appears to have been the main source of error. Institutions had problems in correctly classifying first-time freshmen, other first-time students, and unclassified students for both full-time and part-time categories. These problems occurred most often at 2-year institutions (private and public) and private 4-year institutions. In the 1977-78 HEGIS validation studies, the classification problem led to an estimated overcount of 11,000 full-time students and an undercount of 19,000 part-time students. Although the ratio of error to the grand total was quite small (less than 1 percent), the percentage of errors was as high as 5 percent for detailed student levels and even higher at certain aggregation levels.

Beginning with fall 1986, the survey system was redesigned with the introduction of IPEDS (see above). The new survey system comprises all postsecondary institutions, but also maintains comparability with earlier surveys by allowing HEGIS institutions to be tabulated separately. The new system also provides for preliminary and revised data releases. This allows the Center flexibility to release early data sets while still maintaining a more accurate final data base.

### ***Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty***

This survey has been conducted for most years from 1966-67 to 1985-86, and in 1987-88 and 1989-90. Although the survey form was changed a number of times during those years, only comparable data are presented in this report. The data were collected from the individual colleges and universities.

Between 1966-67 and 1985-86 this survey differed from other HEGIS surveys in that imputations were not made for nonrespondents. Thus, there is some possibility that the salary averages presented in this report may differ from the results of a complete enumeration of all colleges and universities. Beginning with the surveys for 1987-88, the IPEDS data tabulation procedures included imputations for survey nonrespondents. The response rate for the 1989-90 survey was 80.5 percent. The response rate for public colleges was substantially higher than the response rate for private colleges. Thus it is probable that the public colleges' salary data are more accurate than the data for private colleges. Although data from these surveys are not subject to sampling error, sources of nonsampling error included computational errors and misclassification in reporting and processing. NCES checked individual colleges' data for internal and longitudinal consistency and contacted the colleges to check inconsistent data.

### ***Completions***

This survey was part of the HEGIS series throughout its existence. However, the degree classification taxonomy was revised in 1970-71 and 1982-83. Collection of degree data has been maintained through the IPEDS system.

Though information from survey years 1970-71 through 1981-82 is directly comparable, care must be taken if information before or after that period is included in any comparison. The nonresponse rate did not appear to be a significant source of nonsampling error for this survey. The response rate for all higher education and noncollegiate institutions for the 1988-89 survey was 76.3 percent. Because of the high return rate for higher education data used in this report, nonsampling error caused by imputation was minimal.

The major sources of nonsampling error for this survey were differences between the NCES program taxonomy and taxonomies used by the colleges, classification of double majors and double degrees, operational problems, and survey timing. In the 1979 HEGIS validation study, these sources of nonsampling error were found to contribute to an error rate of 0.3 percent overreporting of bachelor's degrees and 1.3 percent overreporting of master's degrees.

### ***Financial Statistics***

This survey was part of the HEGIS series and has been continued under the IPEDS system. Changes were made in the financial survey instruments in fiscal years (FY) 1976, 1982, and 1987. The FY 76 survey instrument contained numerous revisions to earlier survey forms and made direct comparisons of line items very difficult. Beginning in FY 82, Pell Grant data were collected in Federal restricted grants and contracts revenues and restricted scholarships and fellowships expenditures. The introduction of IPEDS in the FY 87 survey included several important changes to the survey instrument and data processing procedures. While these changes were significant, considerable effort has been made to present only comparable information on trends in this report and to note inconsistencies. Finance tables

for this publication have been adjusted by subtracting the largely duplicative Pell Grant amounts from the later data to maintain comparability with pre-FY 82 data.

Possible sources of nonsampling error in the financial statistics include nonresponse, imputation, and misclassification. The response rate has been about 85 to 90 percent for most of the years reported. The response rate for the FY 1989 survey was 83.5 percent.

Two general methods of imputation were used in HEGIS. If the prior year's data were available for a nonresponding institution, these data were inflated using the Higher Education Price Index and adjusted according to changes in enrollments. If no previous year's data were available, current data were used from peer institutions selected for location (state or region), control, level, and enrollment size of institution. In most cases estimates for nonreporting institutions in IPEDS were made using data from peer institutions.

Beginning with FY 87, the new survey system (IPEDS, see above) comprises all postsecondary institutions, but also maintains comparability with earlier surveys by allowing 2- and 4-year HEGIS institutions to be tabulated separately. The finance data tabulated for this publication reflect totals for the HEGIS or higher education institutions only. In order to maintain comparability with the historical time series of HEGIS institutions, data were combined from two of the three different survey forms that make up the IPEDS survey system. The vast majority of the data were tabulated from Form 1, which was used to collect information from public and private nonprofit 2- and 4-year colleges. Form 2, a condensed form, was used to gather data for the 2-year proprietary institutions. Because of the differences in the data requested on the two forms, several assumptions were made about the Form 2 reports so that their figures could be included in the institutions of higher education totals.

In IPEDS, the Form 2 institutions were not asked to separate appropriations from grants and contracts, nor state from local sources of funding. For the Form 2 institutions, all the Federal revenues were assumed to be Federal grants and contracts and all of the state and local revenues were assumed to be restricted state grants and contracts. All other Form 2 sources of revenue, except for tuition and fees, and sales and services of educational activities, were included under "other." Similar adjustments were made to the expenditures accounts. The Form 2 institutions reported instruction, and scholarship and fellowship expenditures only. All other educational and general expenditures were allocated to academic support.

To reduce reporting error, NCES used national standards for reporting finance statistics. These standards are contained in *College and University Business Administration: Administrative Services (1974 Edition)*, published by the National Association of College and University Business Officers; *Audits of Colleges and Universities* (as amended August 31, 1974), by the American Institute of Certified Public Accountants; and *HEGIS Financial Reporting Guide (1980)*, by NCES. Wherever possible, definitions and formats in the survey form are consistent with those in these three accounting texts.

Questions concerning the surveys used as data sources for this report or other questions concerning HEGIS and IPEDS can be directed to:

Postsecondary Education Statistics Division  
National Center for Education Statistics  
555 New Jersey Avenue NW  
Washington, DC 20208-5652

## The Office of Special Education and Rehabilitative Services

### *Annual Report to Congress on the Implementation of the Education of the Handicapped Act*

The Individual Disabilities Education Act (IDEA), formerly the Education of the Handicapped Act (EHA), requires the Secretary of Education to transmit to Congress annually a report describing the progress in serving the nation's handicapped children. The annual report contains information on children served by the public schools under the provisions of Part B of the IDEA and for children served in state-operated programs (SOP) for the handicapped under Chapter I of the Elementary and Secondary Education Act (ESEA), formerly Education Consolidation and Improvement Act (ECIA). Statistics on children receiving special education and related services in various settings and school personnel providing such services are reported in an annual submission of data to the Office of Special Education and Rehabilitative Services (OSERS) by the 50 states, the District of Columbia, and the outlying areas. The child-count information was based on the number of handicapped children receiving special education and related services on December 1st of each year for IDEA and October 1st for Chapter I of ESEA/SOP.

Since each participant in programs for the handicapped is reported to OSERS, the data are not subject to sampling error. However, nonsampling error can occur from a variety of sources. Some states follow a noncategorical approach to the delivery of special education services, but produce counts by handicapping condition because EHA-B requires it. In those states that do categorize their handicapped students, definitions and labeling practices vary.

Further information on the *Annual Report to Congress* may be obtained from:

Office of Special Education Programs  
Office of Special Education and Rehabilitative Services  
Room 3523, Switzer Building  
330 C Street SW  
Washington, DC 20202

### **National Education Association**

The National Education Association (NEA) reports enrollment, expenditure, revenue, graduate, teacher, and instructional staff salary data in its annual publication, *Estimates of School Statistics*. Each year NEA prepares regression-based estimates of financial and other education statistics and submits them to the states for verification. Generally about 30 states adjust these estimates based on their own data. These preliminary data are published by NEA along with revised data from previous years. States are asked to revise previously submitted data as final figures become available. The most recent publication contains all changes reported to the NEA.

Further information on NEA surveys can be obtained from:

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216