

UNITED STATES DEPARTMENT OF THE INTERIOR

HAROLD L. ICKES, Secretary

OFFICE OF EDUCATION

J. W. STUDEBAKER, Commissioner

BULLETIN, 1935, No. 2

BIENNIAL SURVEY OF EDUCATION

1932-1934



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UNITED STATES DEPARTMENT OF THE INTERIOR  
HAROLD L. ICKES : SECRETARY  
OFFICE OF EDUCATION : J. W. STUDEBAKER  
COMMISSIONER

STATISTICAL  
SUMMARY OF EDUCATION  
1933-34

BEING CHAPTER I OF THE  
BIENNIAL SURVEY OF EDUCATION IN THE  
UNITED STATES : 1932-34



*BULLETIN, 1935, No. 2*  
[ADVANCE PAGES]

PREPARED BY EMERY M. FOSTER, CHIEF  
DIVISION OF STATISTICS

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## CHAPTER I

### STATISTICAL SUMMARY OF EDUCATION, 1933-34

#### INTRODUCTION

**T**HIS SUMMARY brings together data from the various statistical chapters of the Biennial Survey of Education, 1932-34.<sup>1</sup> Each of these chapters deals with one field of education and has been published separately as part of Bulletin, 1935, No. 2, as follows:

- Chapter II. Statistics of State School Systems, 1933-34.
- Chapter III. Statistics of City School Systems, 1933-34.
- Chapter IV. Statistics of Higher Education, 1933-34.
- Chapter V. Statistics of Public High Schools, 1933-34.
- Chapter VI. Statistics of Private Elementary and Secondary Schools, 1932-33.
- Chapter VII. Statistics of Private Commercial, and Business Schools, 1932-33.
- Chapter VIII: A Review of Educational Legislation, 1933 and 1934.

#### NUMBER OF SCHOOLS

A school of elementary or secondary grade, as defined by the Office of Education, is an organized unit under the administration of a principal or teaching-principal, such as an elementary school, high school, or junior college. There may be two or more schools in one building.

More than 279,500 schools of various types are covered in the requests sent out by the Office of Education for information for the Biennial Survey of Education (table 1). For the 1932-34 biennium, reports were received from 35,920 individual schools or school systems and the State departments of education.<sup>2</sup>

<sup>1</sup>The *Statistics of City School Systems*, which are tabulated in full every other biennium and in an abridged form every other biennium, are in full for 1933-34 as given last in 1929-30.

The *Biennial Survey of Education, 1934-36*, will have a chapter on *Statistics of Public-School Libraries*, the first study of its kind since 1929.

The chapter on *Education of Exceptional Children*, which combines data for State and private residential schools for exceptional children with the schools and classes in the public-school system for these children, included for 1931-32 will appear again for 1935-36.

*Statistics of Nurse-Training Schools* which appeared last as a separate chapter for 1930-31 will be included as a part of the *Statistics of Higher Education* for 1935-36.

<sup>2</sup>See *Educational Directory, part IV*, for educational associations of art, music, and correspondence schools not included in Biennial Survey figures.

## SOURCE OF REPORT

|   | Number<br>received |
|---|--------------------|
| States, District of Columbia, and outlying parts..... | 56                 |
| City school systems.....                              | 2,901              |
| County school systems serving cities.....             | 243                |
| Public high schools.....                              | 23,614             |
| Private elementary and high schools.....              | 8,455              |
| Private commercial schools.....                       | 651                |
| <b>Total.....</b>                                     | <b>35,920</b>      |

TABLE 1.—TOTAL NUMBER OF SCHOOLS OF VARIOUS TYPES, 1933-34

| State or outlying part                | ELEMENTARY SCHOOLS |              | HIGH SCHOOLS  |              | UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS |            | SCHOOLS FOR BLIND, DEAF, FREEBEMINDED, AND DELINQUENT |            | PRIVATE COMMERCIAL SCHOOLS | NURSE TRAINING SCHOOLS |
|---------------------------------------|--------------------|--------------|---------------|--------------|--|------------|---|------------|----------------------------|------------------------|
|                                       | Public             | Private      | Public        | Private      | Public   | Private    | Public  | Private    |                            |                        |
| 1                                     | 2                  | 3            | 4             | 5            | 6  | 7          | 8   | 9          | 10                         | 11                     |
| <b>Continental United States.....</b> | <b>236,236</b>     | <b>9,992</b> | <b>24,714</b> | <b>3,327</b> | <b>488</b>                                       | <b>972</b> | <b>300</b>  | <b>118</b> | <b>1,551</b>               | <b>1,844</b>           |
| Alabama.....                          | 5,311              | 123          | 447           | 63           | 10   | 11         | 7   | -----      | 13                         | 36                     |
| Arizona.....                          | 668                | 15           | 66            | 15           | 4  | 1          | 3   | -----      | 19                         | 3                      |
| Arkansas.....                         | 4,567              | 62           | 553           | 30           | 10   | 12         | 4   | -----      | 19                         | 23                     |
| California.....                       | 8,287              | 306          | 624           | 175          | 39   | 46         | 7   | 9          | 93                         | 53                     |
| Colorado.....                         | 2,861              | 79           | 261           | 28           | 8  | 9          | 6   | 1          | 16                         | 20                     |
| Connecticut.....                      | 1,273              | 184          | 109           | 66           | 7  | 13         | 5   | 3          | 34                         | 29                     |
| Delaware.....                         | 247                | 24           | 35            | 10           | 2  | 1          | 3   | 1          | 5                          | 6                      |
| District of Columbia.....             | 148                | 56           | 25            | 35           | 2  | 17         | 3   | 3          | 15                         | 12                     |
| Florida.....                          | 1,970              | 65           | 324           | 47           | 3  | 7          | 6   | -----      | 25                         | 18                     |
| Georgia.....                          | 6,197              | 56           | 622           | 48           | 16   | 24         | 6   | -----      | 33                         | 39                     |
| Idaho.....                            | 1,307              | 36           | 183           | 14           | 3  | 4          | 4   | -----      | 10                         | 10                     |
| Illinois.....                         | 15,032             | 887          | 1,053         | 158          | 13   | 65         | 9   | 6          | 93                         | 134                    |
| Indiana.....                          | 3,906              | 325          | 850           | 53           | 4  | 29         | 7   | 1          | 43                         | 32                     |
| Iowa.....                             | 11,701             | 325          | 991           | 143          | 22   | 33         | 6   | 2          | 32                         | 46                     |
| Kansas.....                           | 9,047              | 229          | 749           | 51           | 16   | 21         | 5   | 1          | 28                         | 52                     |
| Kentucky.....                         | 7,873              | 188          | 758           | 90           | 0  | 26         | 4   | 1          | 28                         | 31                     |
| Louisiana.....                        | 2,923              | 179          | 425           | 77           | 7  | 8          | 5   | 2          | 18                         | 17                     |
| Maine.....                            | 2,271              | 68           | 227           | 60           | 8  | 5          | 4   | -----      | 15                         | 32                     |
| Maryland.....                         | 1,491              | 161          | 204           | 65           | 7  | 19         | 7   | 8          | 16                         | 28                     |
| Massachusetts.....                    | 2,478              | 421          | 430           | 167          | 13   | 42         | 12  | 8          | 78                         | 102                    |
| Michigan.....                         | 8,446              | 416          | 790           | 149          | 16   | 20         | 7   | 6          | 43                         | 48                     |
| Minnesota.....                        | 8,824              | 350          | 566           | 82           | 14   | 24         | 7   | 2          | 30                         | 59                     |
| Mississippi.....                      | 5,623              | 40           | 768           | 62           | 12   | 15         | 4   | -----      | 13                         | 37                     |
| Missouri.....                         | 9,616              | 439          | 978           | 90           | -----  | 42         | 6   | 3          | 46                         | 39                     |
| Montana.....                          | 3,250              | 38           | 215           | 16           | -----  | 2          | 5   | -----      | 8                          | 16                     |
| Nebraska.....                         | 7,423              | 266          | 700           | 51           | 8  | 15         | 6   | 1          | 14                         | 19                     |
| Nevada.....                           | 323                | 1            | 40            | 0            | 1  | 0          | 1   | -----      | 2                          | -----                  |
| New Hampshire.....                    | 852                | 73           | 109           | 34           | 4  | 3          | 2   | -----      | 6                          | 23                     |
| New Jersey.....                       | 1,908              | 338          | 230           | 113          | 7  | 18         | 9   | 7          | 56                         | 62                     |
| New Mexico.....                       | 885                | 44           | 180           | 19           | 6  | 0          | 6   | -----      | 3                          | 7                      |
| New York.....                         | 11,186             | 1,065        | 1,006         | 321          | 17   | 70         | 18  | 25         | 174                        | 152                    |
| North Carolina.....                   | 4,635              | 53           | 864           | 57           | 12   | 36         | 10  | -----      | 31                         | 59                     |
| North Dakota.....                     | 5,625              | 53           | 531           | 23           | 9  | 1          | 4   | -----      | 13                         | 17                     |
| Ohio.....                             | 6,234              | 583          | 1,337         | 155          | 8  | 54         | 9   | 3          | 78                         | 80                     |
| Oklahoma.....                         | 5,730              | 67           | 873           | 50           | 20   | 7          | 6   | 1          | 33                         | 22                     |
| Oregon.....                           | 2,531              | 68           | 299           | 28           | 5  | 12         | 5   | -----      | 14                         | 13                     |
| Pennsylvania.....                     | 11,476             | 871          | 1,211         | 236          | 18   | 79         | 11  | 17         | 104                        | 159                    |
| Rhode Island.....                     | 407                | 95           | 41            | 24           | 2  | 3          | 4   | 1          | 11                         | 11                     |
| South Carolina.....                   | 3,672              | 31           | 384           | 30           | 7  | 14         | 6   | -----      | 14                         | 29                     |
| South Dakota.....                     | 5,068              | 59           | 376           | 23           | 7  | 8          | 4   | -----      | 6                          | 19                     |

TABLE 1.—TOTAL NUMBER OF SCHOOLS OF VARIOUS TYPES, 1933-34—  
Continued

| State or outlying part                     | ELEMENTARY SCHOOLS |         | HIGH SCHOOLS |         | UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS |         | SCHOOLS FOR BLIND, DEAF, FEEBLE-MINDED, AND DELINQUENT |         | PRIVATE COMMERCIAL SCHOOLS | NURSE TRAINING SCHOOLS |
|--|--------------------|---------|--------------|---------|--|---------|--|---------|----------------------------|------------------------|
|  | Public             | Private | Public       | Private | Public   | Private | Public   | Private |                            |                        |
| 1  | 2                  | 3       | 4            | 5       | 6  | 7       | 8  | 9       | 10                         | 11                     |
| Tennessee.....                             | 5,874              | 65      | 655          | 58      | 7  | 26      | 9  | 1       | 35                         | 30                     |
| Texas.....                                 | 11,436             | 331     | 1,580        | 93      | 32   | 49      | 10   | 77      | 70                         | 70                     |
| Utah.....                                  | 668                | 11      | 143          | 8       | 5  | 4       | 3  | 3       | 6                          | 6                      |
| Vermont.....                               | 2,092              | 25      | 95           | 21      | 4  | 3       | 3  | 4       | 12                         | 12                     |
| Virginia.....                              | 5,047              | 72      | 514          | 75      | 11   | 26      | 9  | 2       | 20                         | 45                     |
| Washington.....                            | 2,242              | 119     | 355          | 44      | 7  | 11      | 7  | 40      | 27                         | 27                     |
| West Virginia.....                         | 5,933              | 47      | 369          | 18      | 11   | 9       | 7  | 16      | 40                         | 40                     |
| Wisconsin.....                             | 8,157              | 556     | 491          | 69      | 11   | 18      | 6  | 30      | 36                         | 36                     |
| Wyoming.....                               | 1,475              | 7       | 118          | 3       | 1  | 0       | 3  | 3       | 6                          | 6                      |
| <i>Outlying parts of the United States</i> |                    |         |              |         |  |         |  |         |                            |                        |
| Alaska.....                                | 91                 |         | 15           |         | 1  | 0       |  |         |                            |                        |
| American Samoa.....                        | 31                 |         |              |         | 0  | 0       |  |         |                            |                        |
| Canal Zone.....                            | 29                 |         | 2            |         | 0  | 0       |  |         |                            |                        |
| Guam.....                                  |                    |         | 1            |         | 0  | 0       |  |         |                            |                        |
| Hawaii.....                                | 177                |         | 20           | 9       | 1  | 0       |  | 3       |                            |                        |
| Philippine Islands.....                    |                    |         | 102          | 51      | 2  | 0       |  | 4       |                            |                        |
| Puerto Rico.....                           | 2,061              |         | 23           | 10      | 1  | 0       |  | 8       |                            |                        |
| Virgin Islands.....                        | 25                 |         | 1            |         | 0  | 0       |  |         |                            |                        |

The 23,213 public high schools reporting to the Office of Education in 1933-34 were organized on many different plans. There were 1,948 separately organized junior high schools, 3,938 6-year junior-senior or undivided 5- or 6-year schools, and 753 separately organized senior high schools, making 6,639 reorganized high schools. There were 16,574 regular high schools of 4 years or less. The 1,501 schools for which no reports were received make the total of 24,714 public high schools listed in the file.

TABLE 2.—NUMBER AND ENROLLMENT IN PUBLIC HIGH SCHOOLS BY TYPE (Includes junior high school pupils)

| Type   | Number of schools reporting, 1934 | Enrollment, 1934 |
|--|-----------------------------------|------------------|
| 1  | 2                                 | 3                |
| <i>Junior high schools</i>                             |                                   |                  |
| 2-year, white, 11 grades (2-3 plan) <sup>1</sup> ..... | 20                                | 16,985           |
| 2-year, white, 11 grades (2-4 plan).....               | 2                                 | 383              |
| 2-year, white, 12 grades (2-3 plan).....               | 22                                | 14,982           |
| 2-year, white, 12 grades (2-4 plan).....               | 172                               | 46,225           |
| 2-year, white, 11 grades (3-2 plan).....               | 23                                |                  |
| 2-year, Negro, 11 grades (3-2 plan).....               | 1                                 | 10,986           |
| 2-year, white, 11 grades (3-3 plan).....               | 63                                |                  |
| 2-year, Negro, 11 grades (3-3 plan).....               | 2                                 | 47,695           |
| 2-year, white, 12 grades (3-2 plan).....               | 8                                 | 6,261            |

<sup>1</sup> (2-3 plan) is 2 grades in junior high school and 3 in senior high.

TABLE 2.—NUMBER AND ENROLLMENT IN PUBLIC HIGH SCHOOLS  
BY TYPE (Includes junior high school pupils)—Continued.

| Type  | Number of schools reporting, 1934 | Enrollment, 1934 |
|---|-----------------------------------|------------------|
| 1   | 2                                 | 3                |
| <i>Junior high schools—Continued</i>                                  |                                   |                  |
| 2-year, white, 12 grades (3-3 plan).....                              | 1,394                             | 1,023,066        |
| 2-year, Negro, 12 grades (3-3 plan).....                              | 39                                |                  |
| 3-year, white, 12 grades (3-4 plan).....                              | 6                                 | 1,261            |
| 3-year, Negro, 12 grades (3-4 plan).....                              | 1                                 |                  |
| 4-year, white, 11 grades (4-2 plan).....                              | 7                                 | 1,917            |
| 4-year, white, 12 grades (4-2 plan).....                              | 173                               | 49,431           |
| 4-year, Negro, 12 grades (4-2 plan).....                              | 16                                |                  |
| <b>Total (junior high schools).....</b>                               | <b>1,948</b>                      | <b>1,220,101</b> |
| <i>Junior-senior and undivided high schools</i>                       |                                   |                  |
| Junior-senior:  |                                   |                  |
| White, 12 grades (2-4 plan).....                                      | 980                               | 238,512          |
| Negro, 12 grades (2-4 plan).....                                      | 42                                |                  |
| White, 12 grades (3-3 plan).....                                      | 1,222                             | 666,710          |
| Negro, 12 grades (3-3 plan).....                                      | 87                                |                  |
| White, 11 grades (2-4, 3-3 plan).....                                 | 17                                | 16,479           |
| Negro, 11 grades (2-4, 3-3 plan).....                                 | 13                                |                  |
| White, 12 grades (3-4 plan).....                                      | 18                                | 6,200            |
| Negro, 12 grades (3-4 plan).....                                      | 1                                 |                  |
| Undivided:  |                                   |                  |
| 5-year, white, 11 grades (2-3 and 3-2 plan).....                      | 39                                | 17,030           |
| 5-year, Negro, 11 grades (2-3 and 3-2 plan).....                      | 3                                 |                  |
| 5-year, white, 12 grades (2-3 and 3-2 plan).....                      | 100                               | 63,716           |
| 5-year, Negro, 12 grades (2-3 and 3-2 plan).....                      | 4                                 |                  |
| 6-year, white, 11 grades.....   | 10                                | 2,977            |
| 6-year, white, 12 grades.....   | 1,378                             |                  |
| 6-year, Negro, 12 grades.....   | 24                                | 847,112          |
| <b>Total (junior-senior and undivided high schools).....</b>          | <b>3,938</b>                      | <b>1,236,846</b> |
| <i>Senior high schools</i>  |                                   |                  |
| 2-year, white, 12 grades.....   | 8                                 | 6,801            |
| 3-year, white, 11 grades.....   | 57                                | 60,717           |
| 3-year, Negro, 11 grades.....   | 2                                 |                  |
| 3-year, white, 12 grades.....   | 641                               | 683,179          |
| 3-year, Negro, 12 grades.....   | 5                                 |                  |
| 4-year, white, 12 grades.....   | 140                               | 90,902           |
| <b>Total (senior high schools).....</b>                               | <b>783</b>                        | <b>740,840</b>   |
| <b>Total (reorganized high schools).....</b>                          | <b>6,639</b>                      | <b>3,197,456</b> |
| <i>Regular high schools</i>   |                                   |                  |
| 4-year, white, 12 grades.....   | 10,866                            | 2,087,224        |
| 4-year, Negro, 12 grades.....   | 185                               | 54,643           |
| 4-year, white, 11 grades.....   | 3,107                             | 492,263          |
| 4-year, Negro, 11 grades.....   | 424                               | 67,708           |
| 4-year, white, 13 grades.....   | 13                                | 1,461            |
| 3-year or less, white, 12 grades.....                                 | 1,455                             | 39,636           |
| 3-year or less, Negro, 12 grades.....                                 | 93                                | 2,451            |
| 3-year or less, white, 11 grades.....                                 | 266                               | 9,362            |
| 3-year or less, Negro, 11 grades.....                                 | 106                               | 6,678            |
| <b>Total (regular high schools).....</b>                              | <b>16,574</b>                     | <b>3,360,444</b> |
| <sup>1</sup> Grand total.....   | <b>23,213</b>                     | <b>6,567,949</b> |
| Estimated total in all regular high schools in the United States..... | 18,076                            | 3,680,037        |
| Estimated total in all high schools in the United States.....         | 24,714                            | 6,886,533        |

There are a large number of professional schools. Some are independent institutions and are included among the 1,460 universities, colleges, and professional schools given in columns 6 and 7 of table 1. Others are schools which are major divisions of a university or college.

TABLE 3.—NUMBER OF PROFESSIONAL SCHOOLS IN HIGHER EDUCATION, 1933-34 (Independent and parts of universities)

|                              |     |                          |     |
|------------------------------|-----|--------------------------|-----|
| Agriculture.....             | 57  | Law.....                 | 133 |
| Architecture.....            | 36  | Library science.....     | 14  |
| Commerce and business.....   | 95  | Medicine.....            | 76  |
| Dentistry.....               | 39  | Music.....               | 70  |
| Education <sup>1</sup> ..... | 261 | Nursing.....             | 41  |
| Engineering.....             | 139 | Osteopathy.....          | 6   |
| Fine arts.....               | 26  | Pharmacy.....            | 66  |
| Home economics.....          | 65  | Theology.....            | 121 |
| Journalism.....              | 18  | Veterinary medicine..... | 10  |

<sup>1</sup> Including teachers colleges and normal schools.

ENROLLMENT, 1933-34

About one-fourth of the total population of the United States attend full-time day school. The number reported for 1933-34 was 30,612,948 (table 2) in continental United States, with an estimated population of 126,626,000 in July 1934. In addition, some of these same persons and others numbering 421,865 attended summer schools in the public schools or colleges; 932,217 evening and 273,502 part-time and continuation classes in the public schools; 253,991 extension and correspondence courses and 33,484 short courses of 4 days or more offered by colleges.

By levels of education 23,262,371 were in elementary schools, 6,096,488 in high schools (last 4 years of system only), and 1,055,360 in higher education, not including private commercial and nurse-training schools.

About 27,150,000, or 89 percent, were in schools under public control and 3,365,000, or 11 percent, were in private schools.

TABLE 4.—SCHOOL AND COLLEGE ENROLLMENTS, ACCORDING TO PUBLIC AND PRIVATE CONTROL, 1933-34  
(Day Schools, Summer Sessions Excluded)

| Schools  | PUBLIC            |                   |                   | PRIVATE          |                  |                  | TOTAL             |                   |                   |
|--|-------------------|-------------------|-------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
|  | Male              | Female            | Total             | Male             | Female           | Total            | Male              | Female            | Total             |
|  | 3                 | 5                 | 4                 | 6                | 6                | 7                | 8                 | 9                 | 10                |
| Kindergarten.....  | 301,549           | 300,226           | 601,775           | 18,487           | 19,019           | 37,506           | 320,036           | 319,245           | 639,281           |
| Kindergarten in residential schools for exceptional children.....                      | 2,196             | 2,418             | 4,614             | 494              | 323              | 822              | 2,090             | 2,746             | 4,836             |
| Elementary-schools (including elementary grades in junior high schools).....           | 10,344,442        | 9,818,820         | 20,163,262        | 1,157,803        | 1,173,138        | 2,330,941        | 11,502,245        | 10,991,958        | 22,494,203        |
| Elementary "training schools" in colleges.....   | 30,821            | 33,931            | 64,752            | 1,070            | 1,180            | 2,250            | 31,891            | 35,111            | 67,002            |
| Elementary in residential schools for exceptional children.....                        | 28,046            | 17,671            | 45,717            | 6,721            | 4,011            | 10,732           | 34,767            | 21,682            | 56,449            |
| <b>Total, elementary and kindergarten.....</b>   | <b>10,707,064</b> | <b>10,173,066</b> | <b>20,880,130</b> | <b>1,184,575</b> | <b>1,197,676</b> | <b>2,382,251</b> | <b>11,891,629</b> | <b>11,370,742</b> | <b>23,262,371</b> |
| Secondary (high schools and academies).....  | 2,802,122         | 2,867,034         | 5,669,156         | 161,456          | 198,636          | 360,092          | 2,963,578         | 3,065,670         | 6,029,248         |
| Preparatory departments of colleges.....   | 4,226             | 3,150             | 7,376             | 17,327           | 7,368            | 24,695           | 14,155            | 10,548            | 24,703            |
| Secondary "training schools" in colleges.....  | 17,404            | 17,254            | 34,658            | 1,051            | 1,039            | 2,090            | 18,506            | 18,293            | 36,799            |
| Secondary in residential schools for exceptional children.....                         | 2,716             | 1,652             | 4,368             | 921              | 450              | 1,371            | 3,637             | 2,102             | 5,739             |
| <b>Total, secondary.....</b>   | <b>2,826,518</b>  | <b>2,889,090</b>  | <b>5,715,608</b>  | <b>173,357</b>   | <b>207,523</b>   | <b>380,880</b>   | <b>2,999,876</b>  | <b>3,096,613</b>  | <b>6,096,489</b>  |
| Teachers colleges and normal schools (excluding secondary students).....               | 43,275            | 86,058            | 129,333           | 1,931            | 4,920            | 6,851            | 45,206            | 90,978            | 136,184           |
| Universities, colleges, and professional schools (excluding preparatory students)..... | 249,084           | 161,614           | 400,698           | 321,430          | 197,148          | 518,578          | 570,514           | 348,662           | 919,176           |
| <b>Total, higher education.....</b>  | <b>292,359</b>    | <b>237,672</b>    | <b>529,931</b>    | <b>323,361</b>   | <b>202,068</b>   | <b>525,429</b>   | <b>615,720</b>    | <b>439,640</b>    | <b>1,055,360</b>  |
| Federal schools for Indians.....   |                   |                   | 22,070            |                  |                  |                  |                   |                   | 22,070            |
| Private commercial and business schools (1933).....                                    |                   |                   |                   |                  |                  |                  | 27,638            | 48,002            | 75,640            |
| Nurse-training schools (1931).....   |                   |                   |                   |                  |                  |                  | 848               | 99,571            | 100,419           |
| <b>Grand total (of distributed items).....</b>   | <b>13,825,931</b> | <b>13,299,728</b> | <b>27,125,659</b> | <b>1,708,931</b> | <b>1,655,869</b> | <b>3,364,800</b> | <b>15,534,862</b> | <b>14,965,597</b> | <b>30,499,459</b> |
| <b>Grand total, continental United States (including un-distributed items).....</b>    |                   |                   | <b>27,147,729</b> |                  |                  | <b>3,364,800</b> |                   |                   | <b>30,512,529</b> |
| Included in above figures:   |                   |                   |                   |                  |                  |                  |                   |                   |                   |
| City school systems.....   | 6,693,608         | 6,410,536         | 13,049,144        |                  |                  |                  | 6,638,608         | 6,410,536         | 13,049,144        |
| Residential schools for exceptional children (1931):                                   |                   |                   |                   |                  |                  |                  |                   |                   |                   |
| Blind.....   |                   |                   |                   |                  |                  |                  |                   |                   |                   |
| Deaf.....  | 2,508             | 2,002             | 4,510             | 667              | 453              | 1,020            | 3,076             | 2,455             | 5,530             |
| Delinquent.....  | 6,596             | 6,812             | 12,408            | 1,221            | 1,261            | 2,482            | 7,817             | 7,073             | 14,890            |
| Feeble-minded.....   | 17,927            | 7,683             | 25,610            | 6,466            | 2,342            | 7,808            | 23,368            | 10,025            | 33,418            |
|  | 5,927             | 6,244             | 12,171            | 882              | 733              | 1,615            | 6,800             | 6,977             | 13,788            |

1 45,678 Indians probably included in regular public schools and 8,108 in private schools.  
 2 Pupils in day classes only.  
 3 Cannot be distributed into public and private classification.

SIGNIFICANT CHANGES IN ENROLLMENTS FROM 1931-32 TO 1933-34

There were 124,400 fewer kindergarten pupils in public and private schools in 1933-34 than in 1931-32, a decrease of 16.3 percent. The number of pupils in grades 1 to 8, inclusive, decreased 241,750, or approximately 1 percent. There were decreases in the first five grades and increases in the sixth to eighth grades, inclusive. The number in grades 9 to 12, inclusive, however, increased almost 500,000, or 8.9 percent. The number of college students in regular session in undergraduate and graduate departments of arts and sciences and professional schools decreased by about 99,000, or 8.6 percent.

TABLE 5.—KINDERGARTEN, ELEMENTARY, COMMERCIAL, SECONDARY, NORMAL SCHOOL, AND COLLEGE ENROLLMENTS, 1890-1934

| Schools  | 1890              | 1900              | 1910              | 1915              |
|--|-------------------|-------------------|-------------------|-------------------|
| 1  | 2                 | 3                 | 4                 | 5                 |
| Kindergartens (public and private).....  | 1 31,227          | 225,394           | 2 346,189         | 486,800           |
| Public elementary schools and kindergartens.....                                       | 12,519,518        | 14,983,859        | 16,898,791        | 18,375,225        |
| Private elementary schools and kindergartens (largely estimated).....                  | 1,661,897         | 1,240,925         | 1,558,437         | 1,615,091         |
| <b>Total elementary and kindergarten.....</b>  | <b>14,181,415</b> | <b>16,224,784</b> | <b>18,457,228</b> | <b>19,990,316</b> |
| Public high schools.....   | 202,963           | 519,251           | 915,061           | 1,328,984         |
| Private high schools.....  | 94,931            | 110,797           | 117,400           | 155,044           |
| Preparatory schools (in colleges and universities).....                                | 51,749            | 56,285            | 66,042            | 67,440            |
| Secondary students in normal schools.....  | 8,170             | 9,570             | 12,890            | 13,504            |
| <b>Total secondary students.....</b>   | <b>357,813</b>    | <b>695,903</b>    | <b>1,111,393</b>  | <b>1,564,972</b>  |
| Normal schools and teachers colleges (excluding secondary students).....               | 34,814            | 69,593            | 88,561            | 100,326           |
| Colleges, universities, and professional schools (excluding preparatory students)..... | 121,942           | 167,999           | 266,654           | 302,233           |
| <b>Total college and normal students.....</b>  | <b>156,756</b>    | <b>237,592</b>    | <b>355,215</b>    | <b>402,559</b>    |
| Private commercial and business schools.....   | 78,920            | 91,549            | 135,244           | 183,268           |

  

| Schools  | 1920              | 1930              | 1932              | 1934              |
|--|-------------------|-------------------|-------------------|-------------------|
| 1  | 6                 | 7                 | 8                 | 9                 |
| Kindergartens (public and private).....  | 510,949           | 777,899           | 763,699           | 639,281           |
| Public elementary schools and kindergartens.....                                       | 19,378,927        | 21,278,593        | 21,182,472        | 20,899,789        |
| Private elementary schools and kindergartens (largely estimated).....                  | 1,485,561         | 2,309,886         | 2,384,181         | 2,970,697         |
| <b>Total elementary and kindergarten.....</b>  | <b>20,864,488</b> | <b>23,588,479</b> | <b>23,566,653</b> | <b>23,200,486</b> |
| Public high schools.....   | 2 199,389         | 4,399,422         | 5,140,021         | 5,669,156         |
| Private high schools.....  | 4 213,990         | 341,158           | 403,415           | 360,092           |
| Preparatory schools (in colleges and universities).....                                | 59,309            | 47,309            | 33,750            | 24,703            |
| Secondary students in normal schools.....  | 22,058            | 11,978            | 15,686            | 36,799            |
| <b>Total secondary students.....</b>   | <b>2,494,676</b>  | <b>4,799,867</b>  | <b>5,592,872</b>  | <b>6,090,749</b>  |
| Normal schools and teachers colleges (excluding secondary students).....               | 135,412           | 176,462           | 164,360           | 136,184           |
| Colleges, universities, and professional schools (excluding preparatory students)..... | 462,445           | 924,275           | 989,757           | 919,176           |
| <b>Total college and normal students.....</b>  | <b>597,857</b>    | <b>1,100,737</b>  | <b>1,154,117</b>  | <b>1,055,360</b>  |
| Private commercial and business schools.....   | 335,161           | 179,756           | 102,286           | 102,296           |

1 1888.  
 2 1912.  
 3 Does not include 61,885 pupils in residential schools for exceptional children.  
 4 From State reports.  
 5 1928.  
 6 Does not include 5,739 pupils in residential schools for exceptional children.  
 7 1929.

## NUMBER OF GRADUATES AND PERCENT CONTINUING THEIR EDUCATION

It is estimated that in all types of schools 914,853 students graduated from 4 years of high-school work in 1933-34. This increased from 833,252 graduates in 1931-32, or 9.8 percent. The number of baccalaureate and first professional degree graduates from colleges decreased from 138,063 in 1931-32 to 136,156 in 1933-34, or 1.4 percent.

## HIGH-SCHOOL AND COLLEGE GRADUATES, PUBLIC AND PRIVATE

| Year      | GRADUATES   |         | Year      | GRADUATES   |         |
|-----------|-------------|---------|-----------|-------------|---------|
|           | High school | College |           | High school | College |
| 1890..... | 43,731      | 14,306  | 1926..... | 561,469     | 96,956  |
| 1900..... | 94,884      | 25,324  | 1928..... | 595,655     | 111,161 |
| 1910..... | 156,429     | 34,178  | 1930..... | 665,223     | 122,484 |
| 1920..... | 311,266     | 48,622  | 1932..... | 833,252     | 138,063 |
| 1924..... | 498,006     | 82,783  | 1934..... | 914,853     | 136,156 |

Reports from 3,610 public high schools (an 18.7 percent sampling) show for the class graduating in 1933 that 22.9 percent signified their intention of going to college in the fall and 3.5 percent to some other type of institution, making 26.4 percent continuing their education at once. This was a great decrease from the percentages reported in previous years. The actual number of freshmen in college in 1933-34 was 33.9 percent of the number of high-school graduates in 1933.

## PERCENT OF HIGH-SCHOOL GRADUATES CONTINUING THEIR EDUCATION, 1921-33

| Year      | Percent attending college next year after graduation <sup>1</sup> |       |       | Percent attending some other institution <sup>1</sup> |       |       | Percent continuing their education <sup>1</sup> |       |       |
|-----------|---|-------|-------|---|-------|-------|---|-------|-------|
|           | Boys  | Girls | Total | Boys  | Girls | Total | Boys  | Girls | Total |
| 1         | 2   | 3     | 4     | 5   | 6     | 7     | 8   | 9     | 10    |
| 1921..... | 39.8  | 22.5  | 31.4  | 9.2   | 15.5  | 14.4  | 49.0  | 38.0  | 45.8  |
| 1923..... | 37.2  | 25.7  | 30.5  | 10.1  | 17.4  | 13.6  | 47.3  | 43.1  | 44.1  |
| 1925..... | 37.4  | 27.8  | 32.0  | 9.0   | 17.9  | 13.7  | 46.4  | 45.7  | 45.7  |
| 1927..... | 35.0  | 27.0  | 31.2  | 8.1   | 15.7  | 12.3  | 43.1  | 42.7  | 43.5  |
| 1929..... | 35.9  | 27.9  | 31.5  | 8.6   | 16.2  | 12.9  | 44.5  | 44.2  | 44.4  |
| 1933..... | 25.0  | 21.0  | 22.9  | 2.4   | 4.6   | 3.5   | 27.4  | 25.6  | 26.4  |

<sup>1</sup> Or signifying their intention of so doing.

## TEACHERS

There were more than 1,018,000 teachers in the public and private schools from kindergarten through college levels in 1933-34. This does not include teachers in types of private schools not reporting to this office.

Approximately 671,000 were in elementary schools, 248,400 in high schools, including junior high schools, and 87,000 in colleges. From 1931-32 to 1933-34 there was a decrease of 35,856, or 5 percent, in the number of elementary school teachers. The number of high-school teachers decreased 8,468, or 3.3 percent. The high-school enrollment, however, increased about 8.9 percent in the same period. The number of college teachers decreased 1,258, or 1.4 percent. In all there were 44,454 fewer teachers employed in 1933-34 than in 1931-32, a decrease of 4 percent. During this same 2 years approximately 57,600 students were graduated with first degrees from courses specializing in education or teacher training and another 51,800 without degrees from 1- to 4-year courses in these subjects in normal schools and junior colleges.

About 23.76 percent of all teachers were men in 1933-34 compared with 21.6 percent in 1931-32 and 20.93 percent in 1929-30. Although there was a decrease of 21,061 teachers in the public elementary schools in the biennium there were 7,124 more men teachers employed in 1934 than in 1932, the percentage increasing from 10 to 12.

TABLE 6.—DISTRIBUTION OF TEACHERS FOR 6 PERIODS

| Teachers in—                                       | 1900           |                | 1910           |                | 1920           |                | 1930           |                | 1932           |                | 1934           |                |                  |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
|  | Men            | Women          |                  |
| <b>1</b>   | <b>2</b>       | <b>3</b>       | <b>4</b>       | <b>5</b>       | <b>6</b>       | <b>7</b>       | <b>8</b>       | <b>9</b>       | <b>10</b>      | <b>11</b>      | <b>12</b>      | <b>13</b>      | <b>14</b>        |
| Public elementary schools.....                     | 116,416        | 286,274        | 91,591         | 389,952        | 63,024         | 513,222        | 67,239         | 573,718        | 67,122         | 573,332        | 74,246         | 545,147        | 619,393          |
| Public high schools.....                           | 10,172         | 10,200         | 18,990         | 22,777         | 32,356         | 69,572         | 174,532        | 138,774        | 80,768         | 150,385        | 87,703         | 140,024        | 227,727          |
| Private elementary schools (estimated).....        | 6,648          | 19,768         | 5,171          | 29,572         | 6,322          | 38,977         | 11,466         | 60,101         | 3,761          | 62,509         | 4,236          | 47,239         | 51,475           |
| Private high schools.....                          | 4,275          | 5,842          | 4,512          | 6,634          | 5,698          | 9,248          | 18,167         | 13,631         | 9,859          | 15,194         | 8,130          | 12,587         | 20,717           |
| Universities and colleges:                         |                |                |                |                |                |                |                |                |                |                |                |                |                  |
| Preparatory departments.....                       | 2,599          | 1,601          | 2,807          | 1,741          | 2,714          | 1,593          | 1,564          | 1,251          | 1,643          | 1,314          | 1,251          | 1,000          | 2,251            |
| Collegiate departments.....                        | 8,987          | 2,110          | 14,051         | 3,230          | 21,644         | 6,469          | 39,735         | 14,460         | 60,298         | 17,226         | 59,438         | 17,658         | 77,090           |
| Other departments.....                             | 8,277          | .....          | 13,285         | .....          | 10,603         | 312            | 15,662         | 652            | .....          | .....          | .....          | .....          | .....            |
| Professional schools.....                          | 1,068          | 1,847          | 1,692          | 3,122          | 2,963          | 5,161          | 5,315          | 7,588          | 3,842          | 6,061          | 3,063          | 5,337          | 9,000            |
| Teachers colleges and normal schools, public.....  | 1,792          | 665            | 1,803          | 3,597          | 2,697          | 866            | 680            | 7,880          | 3,294          | 446            | 3,355          | 463            | 818              |
| Teachers colleges and normal schools, private..... | 1,413          | 699            | 4,736          | 1,200          | 2,976          | 3,189          | 1,963          | 2,211          | 7,104          | 1,767          | 1,464          | 1,767          | 3,231            |
| Commercial and business schools.....               | 813            | 1,650          | 1,134          | 2,352          | 1,165          | 2,744          | 1,578          | 6,571          | 1,004          | 4,182          | 1,004          | 4,182          | 5,186            |
| Schools for defectives and delinquents.....        | 1,189          | 1,763          | 1,702          | 2,456          | 1,141          | 652            | 447            | 1,132          | 441            | 1,113          | 515            | 1,113          | 1,628            |
| Indian and Alaskan schools.....                    | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....            |
| Kindergartens:                                     |                |                |                |                |                |                |                |                |                |                |                |                |                  |
| Public.....  | 1,350          | 7,150          | 1,500          | 8,000          | 0              | 10,022         | 0              | 0              | 0              | 0              | 0              | 0              | 0                |
| Private.....                                       | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....            |
| <b>Total, including undistributed items.....</b>   | <b>163,999</b> | <b>339,599</b> | <b>158,574</b> | <b>471,633</b> | <b>151,215</b> | <b>663,968</b> | <b>217,138</b> | <b>820,467</b> | <b>223,701</b> | <b>833,275</b> | <b>242,005</b> | <b>776,517</b> | <b>1,018,522</b> |

1 Includes teachers in junior high schools.  
 2 Figures for 1928.  
 3 Professional departments.  
 4 Figures for 1929.  
 5 Figures for 1918.  
 6 Figures for 1927.  
 7 Figures for 1931.  
 8 Does not include 1,832 men and 817 women, duplicates, in universities, colleges, and professional schools.  
 9 Does not include 1,000 men and 502 women, duplicates, in universities, colleges, and professional schools.  
 10 Does not include 800 men and 264 women, duplicates, in universities, colleges, and professional schools.

SOURCES OF INCOME, 1933-34

The estimated total income for education, public and private, from kindergarten through college reported to this office was \$2,604,410,935 in 1933-34. This is a decrease of \$479,397,850, or 15.5 percent, from 1931-32 and of 22.6 percent from 1929-30. These data do not include amounts received for board, room, and other noneducational activities in colleges but do include such income for residential schools for exceptional children. For publicly controlled schools and colleges the decrease in receipts from 1932 to 1934 was 13.2 percent and from 1930 to 1934 it was 21 percent. For privately controlled schools these decreases in receipts were 26.2 percent and 29.8 percent, respectively. The private schools and colleges therefore have lost a higher percentage of their income from 1929-30 to 1933-34 than the public schools and colleges. From 1931-32 to 1933-34 the percentage loss was twice as large.

TABLE 7.—SOURCE OF INCOME, 1933-34

| Schools   | Public treasury   |                    |                           |                      |
|---|-------------------|--------------------|---------------------------|----------------------|
|   | Federal           | State              | County, city, or district | Total                |
| 1   | 2                 | 3                  | 4                         | 5                    |
| <b>Public:</b>  |                   |                    |                           |                      |
| Elementary and secondary school system.....   | \$21,547,938      | \$423,791,434      | \$1,494,539,262           | \$1,939,878,634      |
| Higher education <sup>1</sup> .....   | 20,508,946        | 97,236,416         | 16,259,076                | 134,004,438          |
| Residential schools for the blind, deaf, mentally deficient, and delinquent (1931)..... |                   | 49,363,177         |                           | 49,363,177           |
| <b>Total public</b> .....   | <b>42,056,884</b> | <b>570,391,027</b> | <b>1,510,798,338</b>      | <b>2,123,246,249</b> |
| <b>Private:</b>   |                   |                    |                           |                      |
| Elementary and secondary schools.....   |                   |                    |                           |                      |
| Higher education <sup>1</sup> .....   | 2,204,371         | 6,633,803          | 19,063                    | 8,857,237            |
| Residential schools for the blind, deaf, mentally deficient, and delinquent (1931)..... |                   | 3,165,838          |                           | 3,165,838            |
| <b>Total private</b> .....  | <b>2,204,371</b>  | <b>9,799,641</b>   | <b>19,063</b>             | <b>12,023,075</b>    |
| <b>Grand total</b> .....  | <b>44,261,255</b> | <b>580,190,668</b> | <b>1,510,817,401</b>      | <b>2,135,269,324</b> |

| Schools   | Student fees for educational purposes | Gifts             | Other local sources | Total                |
|---|---------------------------------------|-------------------|---------------------|----------------------|
| 1   | 6                                     | 7                 | 8                   | 9                    |
| <b>Public:</b>  |                                       |                   |                     |                      |
| Elementary and secondary school system.....   |                                       | \$372,148         |                     | \$1,940,250,782      |
| Higher education <sup>1</sup> .....   | \$32,799,015                          | 5,727,477         | \$33,094,008        | 206,205,938          |
| Residential schools for the blind, deaf, mentally deficient, and delinquent (1931)..... | ( <sup>2</sup> )                      | 252,759           | 1,394,325           | 51,010,261           |
| <b>Total public</b> .....   | <b>32,799,015</b>                     | <b>6,352,384</b>  | <b>35,069,333</b>   | <b>2,197,466,981</b> |
| <b>Private:</b>   |                                       |                   |                     |                      |
| Elementary and secondary schools.....   | ( <sup>2</sup> )                      | ( <sup>2</sup> )  | 138,607,045         | 138,607,045          |
| Higher education <sup>1</sup> .....   | 105,458,335                           | 52,920,232        | 94,217,700          | 261,453,564          |
| Residential schools for the blind, deaf, mentally deficient, and delinquent (1931)..... | ( <sup>2</sup> )                      | 2,442,564         | 1,274,943           | 6,883,345            |
| <b>Total private</b> .....  | <b>105,458,335</b>                    | <b>55,362,796</b> | <b>234,099,748</b>  | <b>405,943,984</b>   |
| <b>Grand total</b> .....  | <b>138,257,350</b>                    | <b>61,715,180</b> | <b>269,169,081</b>  | <b>2,604,410,935</b> |

<sup>1</sup> Includes \$178,584,554 from county governments.  
<sup>2</sup> Does not include \$31,928,725, receipts for auxiliary enterprises.  
<sup>3</sup> Does not include \$46,054,596, receipts for auxiliary enterprises.  
<sup>4</sup> Not reported separately.  
<sup>5</sup> Included in column 8.

## EXPENDITURES FOR PUBLIC AND PRIVATE EDUCATION

Excluding the outlying parts of the United States, the expenditure for current expense, capital outlay, and interest for all levels of education reporting in 1933-34 was \$2,294,896,416.

This does not include nurse-training schools, private commercial, music, art, vocational, or correspondence schools. Including certain estimated distributions between elementary and secondary schools, approximately \$1,255,000,000 was spent for elementary education, \$603,000,000 for secondary education, and \$420,000,000 for higher education.

The total for 1933-34 is a decrease of \$671,567,344, or 22.6 percent, from 1931-32 and approximately \$965,000,000, or 29.8 percent, from 1929-30.

When we consider what education means to the child and what an educated population means in terms of social and economic conditions, education is inexpensive. The entire expenditure for educating 27,147,729 persons in 1933-34 in publicly controlled schools is equivalent to only 7 cents a day for each adult 21 years of age and over. Only 1.4 cents a day in addition for each adult would pay the bill for educating 3,364,800 persons in private schools. The annual cost per adult for public education was \$25.61 and for private education \$4.90, a total of \$30.51 in 1933-34 as compared with \$44.34 in 1929-30 and \$40.05 in 1931-32.

TABLE 8.—EXPENDITURES FOR SCHOOLS REPORTING, 1933-34  
(Includes capital outlay)

| Schools   | Public                  | Private              | Total                   |
|---|-------------------------|----------------------|-------------------------|
| 1   | 2                       | 3                    | 4                       |
| Elementary schools (including kindergarten).....  | \$1, 146, 934, 998      | \$108, 342, 138      | \$1, 255, 277, 136      |
| High schools and academies.....   | 573, 170, 231           | 30, 164, 907         | 603, 335, 138           |
| Universities, colleges, and professional schools (including preparatory departments)..... | 157, 686, 707           | 226, 482, 246        | 384, 168, 953           |
| Teachers colleges and normal schools <sup>1</sup> .....                                   | 33, 219, 762            | 2, 713, 192          | 35, 932, 954            |
| Schools for delinquents (1931) <sup>1</sup> .....   | 1, 794, 763             | 240, 222             | 2, 034, 985             |
| Schools for deaf (1931) <sup>1</sup> .....  | 2, 270, 431             | 490, 013             | 2, 760, 444             |
| Schools for blind (1931) <sup>1</sup> .....   | 840, 798                | 222, 854             | 1, 063, 652             |
| Schools for mentally deficient (1931) <sup>1</sup> .....                                  | 595, 574                | 149, 147             | 744, 721                |
| Government schools for Indians <sup>2</sup> .....   | 9, 578, 433             | .....                | 9, 578, 433             |
| <b>Total expenditures (continental United States).....</b>                                | <b>1, 926, 091, 697</b> | <b>368, 804, 719</b> | <b>2, 294, 896, 416</b> |
| Federal Government schools for natives of Alaska.....                                     | 564, 563                | .....                | 564, 563                |
| Territorial public schools in Alaska.....   | 803, 678                | .....                | 803, 678                |

<sup>1</sup> Estimated.

<sup>2</sup> Includes \$2,261,951 for night, summer, and part-time schools reported separately from day school expenditures.

<sup>3</sup> \$23,394,847 public; \$49,067,070 private; and \$72,481,917 total expenditure for auxiliary enterprises and activities not included.

<sup>4</sup> \$5,726,888 public; \$521,823 private; and \$6,248,711 total expenditure for auxiliary enterprises and activities not included.

<sup>5</sup> State and private residential schools only; city public schools not included.

<sup>6</sup> Includes Federal money spent for Indians in the public and private schools and in reservation schools, part of which may be duplicated above.

VALUE OF PROPERTY AND ENDOWMENTS

Since school property is not for sale estimates of its value are rather inaccurate. It is interesting, however, to know that the estimated value of the educational plant (land, buildings, and equipment) is just over \$9,900,000,000 and a little over \$2,150,000,000 is held as endowment and other trust funds. This is \$400 for each pupil.

TABLE 9.—ESTIMATED VALUE OF PROPERTY AND ENDOWMENTS, 1933-34

(Thousands of dollars)

| Schools   | Land, buildings, and equipment | Endowments and other trust funds | Total             |
|---|--------------------------------|----------------------------------|-------------------|
| Public elementary and secondary schools.....          | \$6,624,771                    | \$463,118                        | \$7,087,889       |
| Private elementary schools (estimated).....           | 375,000                        | 2,780                            | 377,780           |
| Private high schools.....                             | 650,000                        | 148,337                          | 798,337           |
| Universities, colleges, and professional schools..... | 2,049,828                      | 1,524,333                        | 3,574,161         |
| Teacher-training institutions.....                    | 203,050                        | 15,394                           | 218,444           |
| <b>Total.....</b>                                     | <b>9,902,649</b>               | <b>2,153,962</b>                 | <b>12,056,611</b> |

SURVIVAL RATE

In the class graduating from high school in 1934 there were about 333 remaining of each original 1,000 enrolled pupils in the fifth grade in 1926-27. In the class graduating from college in 1934 there were about 52 remaining of each original 1,000 in the fifth grade in 1922-23.

TABLE 10.—SURVIVAL OF 1,000 PUPILS ENROLLED IN FIFTH GRADE<sup>1</sup> PUBLIC ELEMENTARY AND SECONDARY SCHOOLS

| Grade or year  | CLASS GRADUATING FROM HIGH SCHOOL IN— |       |       |       |
|----------------|---------------------------------------|-------|-------|-------|
|                | 1931                                  | 1932  | 1933  | 1934  |
| Elementary:    |                                       |       |       |       |
| Fifth.....     | 1,000                                 | 1,000 | 1,000 | 1,000 |
| Sixth.....     | 893                                   | 911   | 911   | 919   |
| Seventh.....   | 782                                   | 798   | 815   | 824   |
| Eighth.....    | 719                                   | 741   | 745   | 754   |
| High school:   |                                       |       |       |       |
| I.....         | 582                                   | 612   | 642   | 677   |
| II.....        | 441                                   | 470   | 509   | 552   |
| III.....       | 347                                   | 384   | 421   | 453   |
| IV.....        | 310                                   | 344   | 370   | 400   |
| Graduates..... | 270                                   | 302   | 316   | 333   |

<sup>1</sup> Fourth grade in 11-grade system; fifth grade in 12-grade system.

TABLE 11.—SURVIVAL OF 1,000 IN THE FIFTH GRADE THROUGH COLLEGE

| Education                   | CLASS GRADUATING FROM COLLEGE IN— |       |       |       |
|-----------------------------|-----------------------------------|-------|-------|-------|
|                             | 1918                              | 1932  | 1933  | 1934  |
| Fifth grade.....            | 1,000                             | 1,000 | 1,000 | 1,000 |
| High-school graduation..... | 139                               | 241   | 245   | 262   |
| College graduation.....     | 23                                | 56    | 53    | 52    |

## ESTIMATED EDUCATION OF THE ADULT POPULATION

**Median Education—Elementary School Graduation:** Although the population of the United States is probably the best educated national group, the median education in 1934 is only completion of elementary school. The superior education of our population is due to the fact that about 3 percent are college graduates, 7 percent having attended some college; 14 percent have been graduated from high school or continued their education beyond that point; and 33 percent of the adult population have at least entered high school.

**Education Level Rising:** More than a third of those who entered the fifth grade graduated from high school today, and 5 percent from college, and with the aged who are dying in the relatively uneducated groups, the median education of the population will continue to rise.

It is estimated that in 1934 there were about 2,204,000 living college graduates and about 8,222,000 living high-school graduates who had not continued their education through college. Therefore, out of 1,000 persons 21 years of age and over in 1934 there were about 29 with college degrees and 109 with high-school diplomas but not a college degree, making 138 that had gone through high school or beyond, 4 more per 1,000 than in 1932.

TABLE 12.—ESTIMATED EDUCATION OF POPULATION 21 YEARS OF AGE AND OVER, 1934

| Education                             | Number            | Percent       |
|---------------------------------------|-------------------|---------------|
| College graduates.....                | 2,204,000         | 2.93          |
| Some college work.....                | 3,069,000         | 4.08          |
| High-school graduates only.....       | 5,153,000         | 6.85          |
| Some high-school work.....            | 14,285,000        | 18.99         |
| Elementary-school graduates only..... | 14,049,000        | 18.68         |
| Some elementary school.....           | 32,781,000        | 43.58         |
| Illiterates.....                      | 3,675,000         | 4.89          |
| <b>Total.....</b>                     | <b>75,216,000</b> | <b>100.00</b> |

The basic data used in table 12 are the number of college and high-school graduates each year since 1870, life tables compiled by the Bureau of the Census, grade enrollment data reported at various times to the Office of Education, and the number of illiterates and number of persons 21 years of age and over reported by the Bureau of the Census.