

DEPARTMENT OF THE INTERIOR
BUREAU OF EDUCATION

BULLETIN, 1920, No. 31

STATISTICAL SURVEY OF
EDUCATION, 1917-18

PREPARED BY THE STATISTICAL DIVISION
OF THE BUREAU OF EDUCATION

Under the supervision of
H. R. BONNER
Collector and Compiler of Statistics

[Advance Sheets from the Biennial Survey of Education
in the United States, 1916-1918]



WASHINGTON
GOVERNMENT PRINTING OFFICE
1920

STATISTICAL SURVEY OF EDUCATION, 1917-18.

CONTENTS.—Introductory statement—Total school enrollment—The cost of education—Teachers—Gifts and bequests to education—Amount of schooling—Men teachers in rural schools—The rural and city school term—Part of school term not attended—Teachers' salaries in rural and city schools—City and rural school property—The per capita cost of rural and city education—Enrollment in elementary, secondary, and higher educational institutions—Kindergartens.

INTRODUCTORY STATEMENT.

The Biennial Survey of Education presents the statistics of practically all the important school systems in the United States for 1917-18. The various chapters in the volume have been previously printed as bulletins, as indicated below:

- Statistical Survey of Education, Bulletin No. 31, 1920.
- Statistics of State School Systems, Bulletin No. 11, 1920.
- Statistics of City School Systems, Bulletin No. 24, 1920.
- Statistics of Universities, Colleges, and Professional Schools, Bulletin No. 34, 1920.
- Statistics of Normal Schools, Bulletin No. 81, 1919.
- Nurse Training Schools, Bulletin No. 73, 1919.
- Summer Schools, Bulletin No. 31, 1919.
- Statistics of Public High Schools, Bulletin No. 19, 1920.
- Statistics of Private High Schools, Bulletin No. 3, 1920.
- Private Commercial and Business Schools, Bulletin No. 47, 1919.
- Industrial Schools for Delinquents, Bulletin No. 52, 1919.
- Schools for the Deaf, Bulletin No. 79, 1919.
- Schools for the Blind, Bulletin No. 78, 1919.
- Schools and Classes for Feeble-Minded and Subnormal Children, Bulletin No. 70, 1919.

This plan of printing the different chapters in the report as separate bulletins permits a wider circulation of the statistics. By this arrangement it becomes unnecessary to send the whole volume to those desiring only the statistics of a given class of schools or institutions. Several thousand copies of the volume, however, have been printed for the purpose of supplying libraries, colleges, universities, etc., with a complete report more or less comparable to that issued in preceding years.

This chapter includes a general summary of the statistics, showing the enrollment in public and private schools and institutions of various types, the estimated cost of maintaining these schools for 1917-18, the distribution of teachers among these schools and the estimated length of time the average person attends school during

his life. In addition to these general statistics, this chapter contains certain information which had to be culled from other chapters in the report and assembled into a unified whole. Thus the statistics of rural schools have been secured by subtracting from the chapter on State school systems the corresponding amounts in the chapter on city school systems, and securing from these results certain relationships. To secure complete statistics for kindergartens, it has been necessary to bring together corresponding data from reports of kindergartens maintained by cities, by villages, and by private organizations. Further, the enrollments in elementary, secondary, and higher institutions of all types have been assembled to show the total school enrollment in each State and in the Nation. This chapter serves, therefore, the double purpose of summarizing and assembling such data as could not well be done in any other single chapter of the report.

TABLE 1.—School and college enrollment in 1918.

Grades.	Public.	Private.	Total.
Kindergartens.....	433,377	46,612	479,989
Elementary (primary and grammar).....	18,496,318	1,457,994	19,954,312
Secondary (high schools and academies).....	1,825,473	158,746	2,084,219
Elementary and secondary (including kindergartens): ¹			
City schools.....	9,598,902		
Rural schools.....	12,258,567		
Secondary (preparatory departments of higher institutions).....	10,169	34,590	44,660
Universities and colleges.....	112,640	178,080	290,720
Professional schools.....	9,771	35,822	45,593
Normal schools:			
State schools.....	120,157		120,157
City and county schools.....	8,348	9,509	17,857
Total for the above.....	21,105,590	1,923,472	23,029,062
City evening schools.....	585,413		585,413
Business schools:			
Day schools.....		123,614	123,614
Night schools.....		106,965	106,965
Reform schools.....	51,969		51,969
Schools for the deaf:			
State schools.....	12,179		12,179
City schools.....	2,483	644	3,127
Schools for the blind.....	5,749		5,749
Schools for the feeble-minded:			
State schools.....	16,535		16,535
City schools.....	13,132	617	13,749
Government Indian schools.....	28,571		28,571
Schools in Alaska supported by the Government.....	3,635		3,635
Other public schools in Alaska.....	3,337		3,337
Total for special schools.....	797,297	200,280	997,577
Total for all schools in United States ⁴	21,812,887	2,224,312	24,037,199

¹ Not included in total because of duplication in other items.

² Includes 8,520 students duplicated in universities, colleges, and professional schools.

³ Does not include 11,825 inmates not in school classes.

⁴ Does not include miscellaneous schools, such as art, music, etc., from which no data were collected.

TABLE 2.—School enrollment and estimated cost in 1918.

Classification.	Enrollment.	Estimated per capita cost.	Estimated total cost (including outlays).
Public elementary schools (including kindergartens).....	18,910,695	\$31.68	\$599,383,393
Public high schools.....	1,928,473	84.59	162,875,761
Private elementary schools (including kindergartens).....	1,503,656	36.57	54,968,700
Private high schools.....	158,745	214.34	34,025,276
Elementary and secondary schools, ¹			
City schools.....	8,586,601	47.76	410,142,716
Rural schools.....	12,258,567	28.85	353,679,239
Universities and colleges, ²			
Public.....	129,096	505.95	65,315,884
Private.....	246,283	291.31	71,739,531
Normal schools:			
State.....	120,157	145.39	17,469,349
City and county.....	8,348	169.97	1,418,935
Private.....	8,569	159.52	1,526,405
Commercial and business schools.....	289,579	84.85	24,571,785
Reform schools.....	* 51,937	326.00	10,157,592
Schools for the deaf:			
State.....	12,170	399.00	4,855,822
City.....	12,462	185.00	2,303,990
Private.....	644	461.84	297,425
Schools for the blind.....	5,749	510.03	2,932,182
Schools for the feeble-minded:			
State.....	16,535	258.00	4,266,030
City.....	18,133	(*)	.....
Private.....	617	499.00	301,713
Government Indian schools.....	28,521	116.69	3,328,115
Schools in Alaska supported by the Government.....	3,635	57.22	208,000
Other public schools in Alaska.....	3,337	81.78	272,905
Total.....	23,433,726	45.23	1,059,934,803

¹ Not included in total because duplicated in other items.
² Includes collegiate, preparatory, and professional departments.
³ Of this number 31,158 is the average enrollment.
⁴ Data reported was not sufficient for reliable estimate.

BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 3.—Distribution of teachers for four periods.

Teachers in—	1900			1910			1916		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Public elementary schools.....	121,877	232,925	354,802	116,416	246,374	402,690	91,591	309,952	481,543
Public high schools.....	3,848	5,472	9,120	10,172	10,200	20,372	18,960	22,777	41,697
Private elementary schools (estimated).....	6,807	15,199	22,006	6,648	19,768	26,416	5,171	29,572	34,743
Private high schools.....	3,272	3,837	7,209	4,275	5,842	10,117	4,812	6,534	11,146
Universities and colleges:									
Preparatory departments.....	5,040	1,083	6,163	2,463	1,008	3,441	2,716	1,216	3,932
Collegiate departments.....				8,460	949	9,359	13,428	1,549	14,977
Colleges for women:									
Preparatory departments.....				703	1,754	2,457	623	1,841	2,394
Collegiate departments.....	595	1,700	2,295				91	525	616
Professional schools:									
Theology.....	744		744				1,453		1,453
Law.....	346		346	1,004		1,004	1,534		1,534
Medicine.....	2,851		2,851	4,483		4,483	7,246		7,246
Dentistry.....	183		183	1,118		1,118	1,546		1,546
Pharmacy.....	93		93	483		483	815		815
Veterinary medicine.....				185		185	351		351
Normal schools, public:									
Normal departments.....				935	1,226	2,171	1,105	2,040	3,185
Other departments.....				133	611	744	567	1,042	1,629
Normal schools, private:									
Normal departments.....				635	382	917	265	920	575
Other departments.....				267	283	550	746	548	1,294
Commercial and business schools.....	1,133	440	1,593	1,413	696	2,109	1,748	1,240	2,990
Schools for defectives and delinquents.....	364	942	1,326	1,020	1,020	2,040	1,134	2,352	3,486
Indian and Alaskan schools.....	641	945	1,609	1,189	1,730	2,922	1,702	2,436	4,158
Kindergartens:									
Public.....	1,030	4,950	6,000	1,360	7,150	8,500	17,500	8,000	9,500
Private.....									
Miscellaneous (music, art, etc.): ¹									
Total.....	149,428	267,653	418,989	163,999	339,599	503,598	158,574	471,632	630,207
Total.....				603,598	1,161,122	1,764,720	183,641	616,122	799,763

* No data.

¹ Not including 63 men and 1,394 women teaching city school classes and given above.¹ Included in universities and colleges.

TABLE 4.—*Gifts and bequests to education, 1912-1918.*

Institutions.	1912	1913	1914	1915	1916	1918
Universities and colleges	\$24,783,090	\$24,651,958	\$26,670,017	\$20,310,124	\$30,196,006	
Schools of theology	1,690,754	2,336,510	1,558,281	1,467,057	2,257,359	
Schools of law	425,867	189,453	203,067	90,576	128,588	\$27,450,945
Schools of medicine	1,296,288	1,203,096	1,496,773	2,661,076	2,253,598	
Public normal schools	479,624	413,580	607,431	449,992	758,998	40,548
Private normal schools	133,472	199,899	116,283	168,479	143,012	616,812
Private high schools	1,262,215	657,383	706,546	875,944	1,357,719	1,748,258
Total	30,061,310	29,651,879	31,357,398	26,023,246	37,095,290	29,856,568

TABLE 5.—*Gifts and bequests to education from 1871 to 1918.*

1871	\$8,593,740	1897	\$10,049,141
1872	10,072,540	1898	10,981,209
1873	11,225,977	1899	25,332,792
1874	6,053,804	1900	15,066,561
1875	4,126,562	1901	21,158,400
1876	4,691,845	1902	20,348,739
1877	3,015,256	1903	17,915,075
1878	3,103,289	1904	17,261,375
1879	5,249,810	1905	21,827,875
1880	5,518,500	1906	23,347,070
1881	7,440,270	1907	28,585,780
1883	7,141,373	1908	19,763,421
1884	11,270,286	1909	21,192,450
1885	9,314,081	1910	24,755,663
1886	5,276,168	1911	27,634,029
1887	7,512,910	1912	30,061,310
1888	6,646,368	1913	29,651,879
1889	6,942,058	1914	31,357,398
1890	8,011,019	1915	26,023,246
1891	8,519,233	1916	37,095,280
1892	8,721,902	1918	29,856,568
1893	8,207,690		
1894	10,855,365	Total, excluding 1882	
1895	8,240,876	and 1917	677,393,176
1896	11,677,048		

TOTAL SCHOOL ENROLLMENT.

Table 1 summarizes the figures which indicate the total enrollment in each type of school or institution. The statistics of schools in Alaska and of Government Indian schools have been taken from other Government reports. All other statistics contained in this summary have been derived from the succeeding chapters. These data have been organized to show facts regarding enrollment in public and private schools. The statistics of private elementary schools have been estimated very largely, but they are in all probability fairly dependable. The grand total enrollment in all types of schools is 24,027,199. This aggregate includes 21,812,887 persons enrolled in public schools and 2,214,312 persons enrolled in private schools.

Excluding all special and evening schools, the total enrollment in kindergarten, elementary, secondary, and higher institutions is 23,029,062, including 21,105,590 persons registered in public schools and 1,923,472 persons enrolled in private schools. The further distribution of these aggregates among the different types of schools may be ascertained from the table.

THE COST OF EDUCATION.

Table 2 contains statistics showing the total cost of education in 1917-18, the total enrollment in the institutions, and the average or per capita cost based on the total number of persons enrolled in the various types of schools. These annual per capita amounts do not always represent the same conditions. Thus the per capita expenditures in public elementary, secondary, and higher institutions usually do not include amounts spent for board or lodging, while the corresponding expenditures in private high schools and academies, in schools for the deaf, the blind, and the feeble-minded quite frequently include these extraneous-to-school costs. Caution should be used, therefore, in interpreting the per capita costs shown in Table 2.

The total amount spent for education in 1917-18 in the schools represented in Table 2 was \$1,059,934,803. The total enrollment in these schools (excluding city evening schools) was 23,433,726. The average per capita cost based on the total number attending school is, therefore, \$45.23. This average, as has just been pointed out, needs to be used cautiously, since it often includes the cost of board and lodging.

TEACHERS.

In Table 3 the number of men and women teachers in the various types of schools have been assembled. The total number employed in 1917-18 was 769,763, including 153,641 men and 616,122 women. The men teachers constitute only 23 per cent of the total number. It is thus seen that over three-fourths of all teachers in the United States are women. In 1890 the corresponding percentage was almost 36. From this table it is possible to ascertain where the loss of men teachers has been greatest, but this matter has been sufficiently discussed in succeeding chapters.

GIFTS AND BEQUESTS TO EDUCATION.

Table 4 shows the amount of gifts and bequests to education in 1912, 1913, 1914, 1915, 1916, and 1918. As no statistics were collected from schools in 1916-17, there are no corresponding data for that year. The total amount received from this source in 1918 was \$29,856,568, which represents a considerable decrease as compared with the corresponding data for 1916. As the war undoubtedly reduced

this source of school support in 1918, it is not safe to estimate the amount received in 1917.

In Table 5 the amount of gifts and bequests for each year since 1870 has been assembled. Omitting the amounts received in 1882 and 1917, the total amount accruing to the cause of education from this gratuitous support has been \$677,393,176. This amount is not sufficient to maintain the public elementary and secondary schools of the Nation for one year. (The total amount required in 1918 was \$763,678,089.) This amount is equivalent to \$32.48 for each pupil now enrolled in public elementary and secondary schools (20,853,516 pupils enrolled in 1918).

TABLE 6.—Data used in securing the average number of days of school attended by each person who became 21 years of age in 1918 (5.38 years of 200 days each).

School year.	Assigned ages (years).	Average number of days attended by each pupil enrolled.	Per cent of persons of each age attending school (1910).	Average number of days attended by all persons of each age. ¹
1	2	3	4	5
1892	5 and under	101.7	19.5	19.8
1893	6	102.1	52.1	53.2
1901	7	105.2	75.0	78.9
1915	8	100.0	82.7	87.7
1906	9	106.2	86.2	91.5
1907	10	107.3	90.0	96.6
1908	11	109.8	91.7	100.1
1909	12	112.6	89.8	101.1
1910	13	113.0	88.8	100.3
1911	14	111.8	81.2	90.8
1912	15	115.6	68.3	79.0
1913	16	115.6	50.6	59.5
1914	17	117.8	35.3	41.6
1915	18	121.2	22.6	27.4
1916	19	120.9	14.4	17.4
1917	20	120.4	8.4	10.1
1918	21 and over	119.8	17.5	20.9
Total				1,075.9

¹ Column 5 was obtained by multiplying column 3 by column 4.

AMOUNT OF SCHOOLING.

An attempt has been made to ascertain the amount of schooling received by the "average" person now completing a school course. The data showing the method of arriving at such an average are given in Table 6. In Table 12 in the chapter on State School Systems the percentage of children enrolled in school at each age in 1910 is shown. These percentages are repeated in column 4 of Table 6 of this chapter. It is assumed that all children who are under 6 years of age and who are attending school are 5 years of age. There is practically no fallacy in the results obtained in this way, although it is known that some children attend kindergarten at the age of 4, since the age groups of 4 and 5 essentially equal. It is found, therefore, that 19.5 per cent of the children 5 years of age, or an equivalent

thereof, are in school. Similarly for those over 20 years of age, it has been assumed that they are all 21 years of age. As the age groups just above 20 are essentially equal, it does not matter if all such persons are considered 21 years of age.

This enables one to combine these scattered persons who are attending school into workable percentages which for all purposes are reliably correct. It is assumed, therefore, that the average child entered school at the age of 5 in 1902 and attended school more or less irregularly until he was 21 years of age, in 1918. The average number of days attended by all pupils enrolled in school in 1902 was 101.7; in 1903, 102.1 days, etc., as shown in column 3 of the table. The "average" child 5 years of age attending school in 1902 went 101.7 days. The following year this "average" child went 102.1 days, etc. But it must be considered that only 19.5 per cent of the children 5 years of age attend school and that only 52.1 per cent of those 6 years of age attend school. Consequently, the "average" child in the population in 1902 received not over 19.8 days schooling at the age of 5 and not over 53.2 days schooling at the age of 6 in 1903. Proceeding as shown in the last column in Table 6 it is found that this "average" child gets the longest school term at the age of 12, when he attends 101.1 days. During his lifetime he will attend a total of 1,075.9 days, or an equivalent of 5.38 years of 200 actual school days each.

At the age of 5 the complete expectation of life, as shown by the United States Life Tables in 1910, as prepared by James W. Glover for the Bureau of the Census, is 56.21 years of 365 days each. The "average" child as shown above attends school after this age only 1,075.9 days, or an equivalent of 2.95 years of 365 days each. By comparing these figures it is found that this "average" child attends school only one-nineteenth of his life, subsequent to his fifth birthday. In other words only 1 day in 19 is spent in scholastic preparation for life.

One error involved in the computation of column 5 of Table 6 needs to be pointed out. The average number of days attended by each child enrolled in school as shown in column 3 includes the number of days attended by the older as well as the younger children. Possibly the younger children enrolled in school do not attend so regularly as the children coming within the compulsory attendance age limits. In other words, the "average" child attending school at 5 may not attend the average of 101.7 days, while at the age of 12 he may attend more than the average of 112.6 days. As these errors are counterbalancing, and as the range of these averages is narrow, falling between 101.7 at 5 years and 121.2 at 18 years, no great vitiating factor can be discerned herein. It is held, therefore, that the method is essentially sound, and that the results secured

are reliable. The fact that it has been necessary to use the percentage of persons attending school in 1910 does not materially operate in nullifying conclusions, since the school history of this average child centers around the year 1910, and since such minor errors as may exist are again compensating.

MEN TEACHERS IN RURAL SCHOOLS.

In cities having a population of 2,500 or over, 25,063 men and 216,319 women teachers are employed. In rural schools (schools located in the open country and in villages) 80,164 men and 329,196 women teachers are employed. From these figures shown in detail in Table 9, it is found that 10.4 per cent of the city teachers and 19.7 per cent of the rural teachers are men. In all schools, both city and rural, 16.1 per cent of the teachers are men. The percentage of men teachers in the rural schools of each State is shown graphically in figure 1. Indiana, Arkansas, and West Virginia lead with relatively high percentages of men teachers, while Connecticut, Vermont, Nebraska, and Colorado fall at the bottom of the list. The scarcity of men teachers in the rural schools in certain States should be sufficient to give great concern. Unless more remunerative salaries are paid in the rural schools, the exodus of practically all men teachers from these schools seems imminent.

THE RURAL AND CITY SCHOOL TERM.

For the United States the average length of the school term in elementary and secondary schools combined is about 161 days. In the city schools the corresponding average is 182 days, while in the rural schools it is only 144 days. The children in the rural schools have a little over 7 months of school, while city children have over 9 months. The city child has a school term 36 days longer than the child in the rural schools. Figure 2 and Table 8 present these facts for each State. In the figure the projection of the "pin" beyond the "bar" is very pronounced in the States falling in the lower half of the figure. Smaller differences prevail among States with respect to the length of the city school term, than to that of the rural school term. The "pins" are more nearly equal in length than the "bars."

PART OF SCHOOL TERM NOT ATTENDED.

The part of the school term lost by irregular attendance is shown for rural and city schools in Table 8 and figure 3. In the first part of the diagram the per cent of the school term lost in the rural schools is about twice that wasted in city schools. In many States near the bottom of the list the loss is about the same in both classes of schools. Illinois and Ohio are outstanding in the relatively small proportion of the rural school lost by irregular attendance. It should be noted

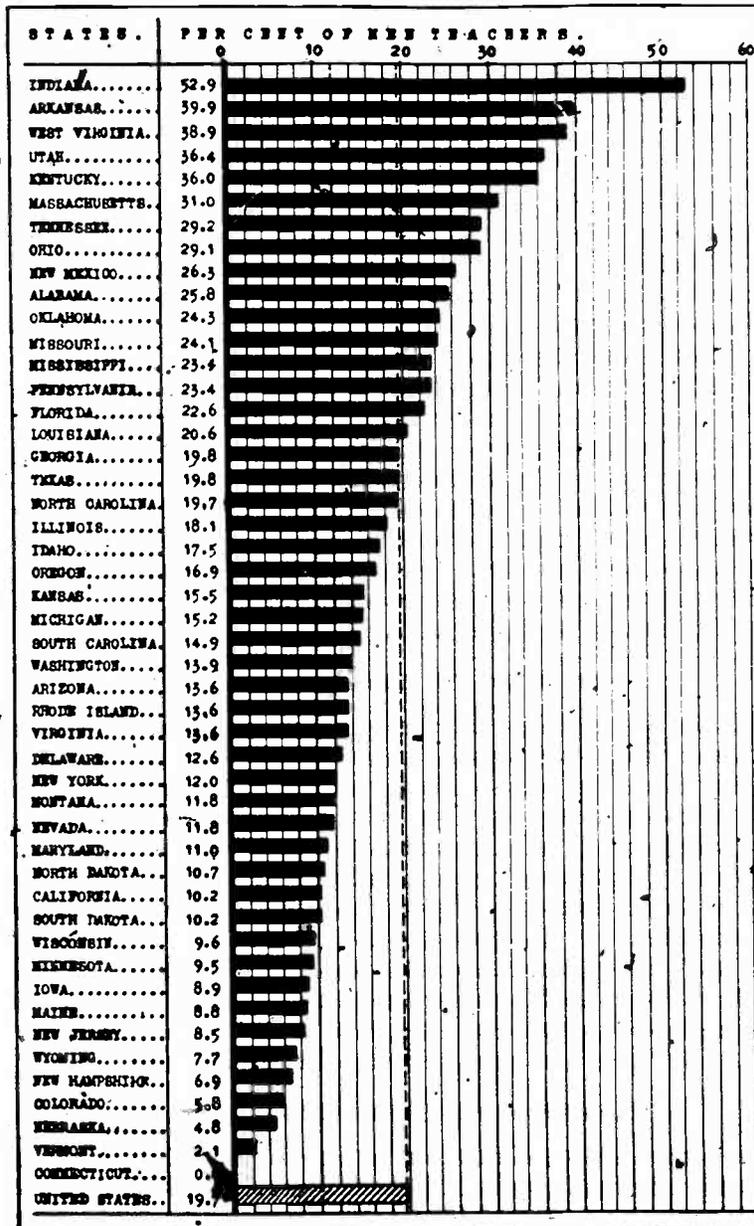


FIG. 1.—Percentage of men teachers in rural schools, 1917-18.

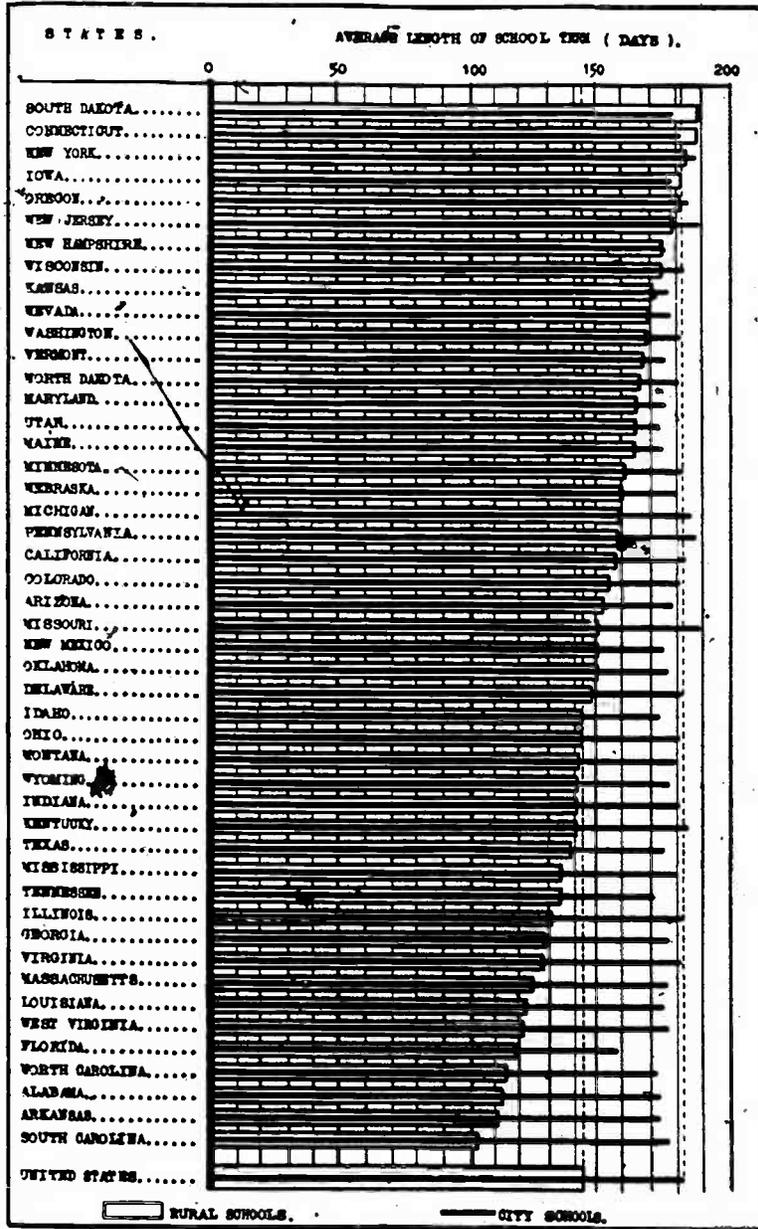


Fig. 2.—Average length of the rural and city school term, 1917-18.

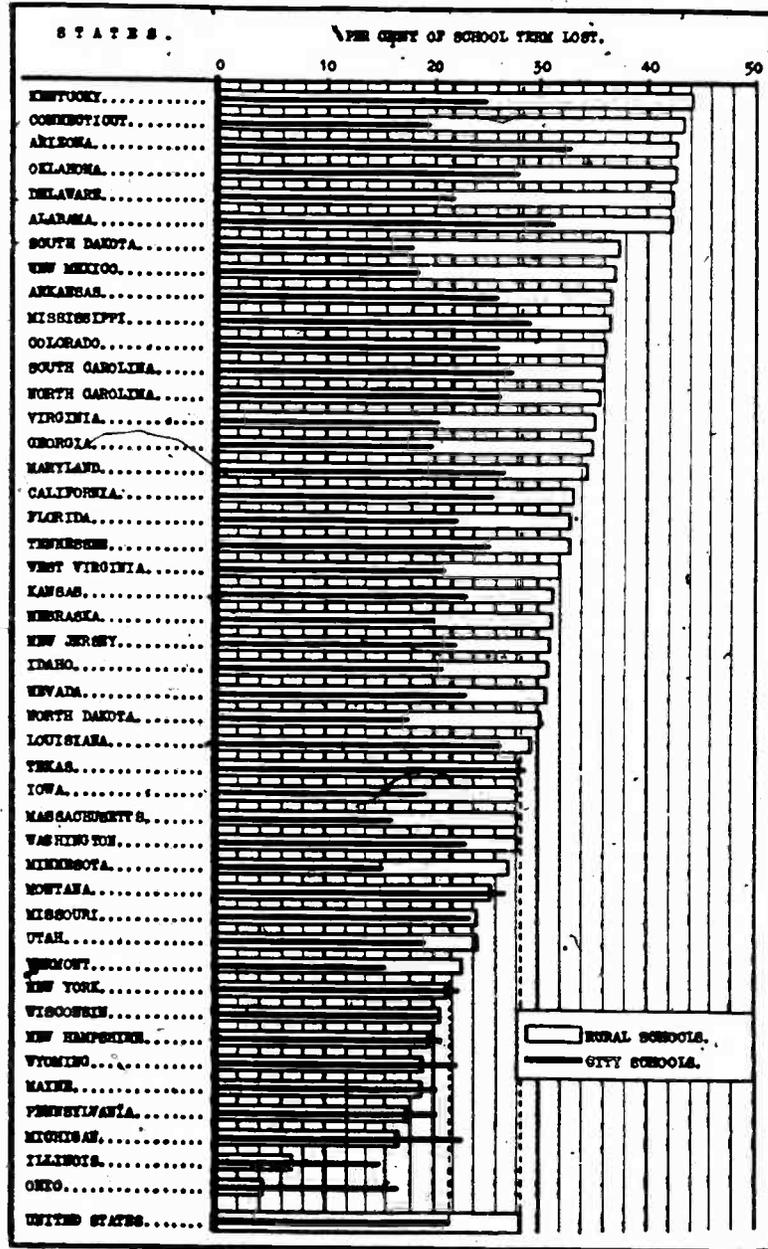


FIG. 3.—Percentage of rural and city school term lost by each pupil enrolled, 1917-18.

in this connection that the States have been arranged in the decreasing order of the percentage of the rural school term lost. On this score Ohio and Illinois occupy the most commendable, and Kentucky and Connecticut the most derogatory positions. As a general rule the city child loses 39 school days annually, or 21.4 per cent of the term provided, while the child in rural communities loses 41 days, or 28.5 per cent of the school term provided for him.

TEACHERS' SALARIES IN RURAL AND CITY SCHOOLS.

In all elementary and secondary schools the average annual salary of teachers is \$635. As shown in Table 10 the corresponding average in city schools is \$854 and in rural schools \$479. The variations from these average practices are best exhibited in figure 4. New Jersey, California, and Arizona head the list on the high salaries paid to rural teachers. Alabama, North Carolina, and Mississippi pay the lowest average salaries to rural teachers. Not infrequently the average salary paid to city teachers falls below the \$600 line. The great inequality in the relative lengths of the "bars" and the "pins" in most of the States suggest the query as to whether the rural child is not entitled to as good a teacher as the city child.

CITY AND RURAL SCHOOL PROPERTY.

The estimated value of all school property and the average value for each pupil enrolled in school are shown for city and rural schools in Table 10. In city schools this per capita is found to be \$146.62, while in rural schools it is only \$59.07. For both combined it is \$95.12. The reservations from these general averages are shown graphically by States in figure 5. Montana, Missouri, and Wisconsin rank first on the values of property in the rural schools. In some States little difference exists between the average value in rural and city schools. In most States the "pins" project far beyond the "bars," indicating that great inequality exists as to the "school home" provided for the rural and the city child.

THE PER CAPITA COST OF RURAL AND CITY EDUCATION.

An attempt has been made to ascertain the annual cost of education in city and rural schools. The results are shown in Table 12. Some of the averages are not precise, as the various per capitae for city and rural schools had to be derived by a process of subtraction, as explained above. While the averages shown are not precise, they are nevertheless fairly dependable. In figure 6 the per capita cost for each pupil enrolled has been ascertained. The city schools on this basis spend \$40.60, while the rural schools spend only \$24.13 for meeting the current expenses of each pupil. The States have been ranked on the magnitude of rural school costs. Montana,

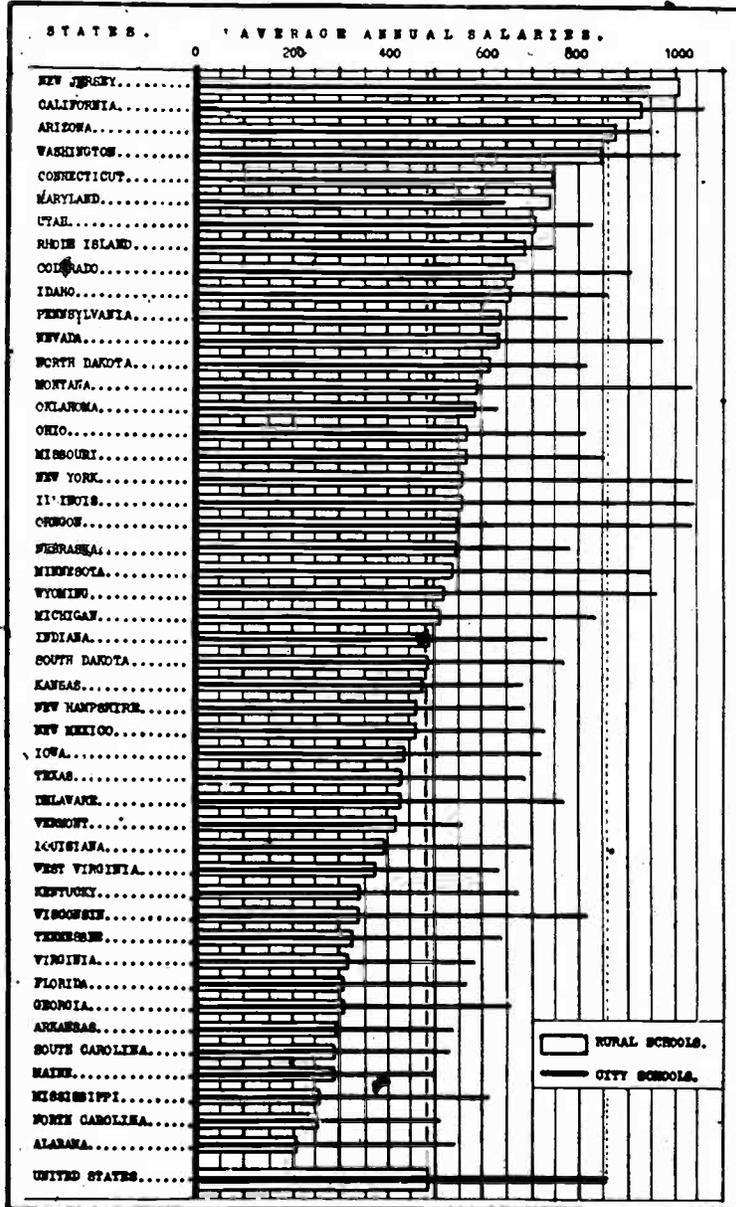


FIG. 4.—Average annual salaries of city and rural teachers, 1917-18. (Data based on the total number of teachers employed.)

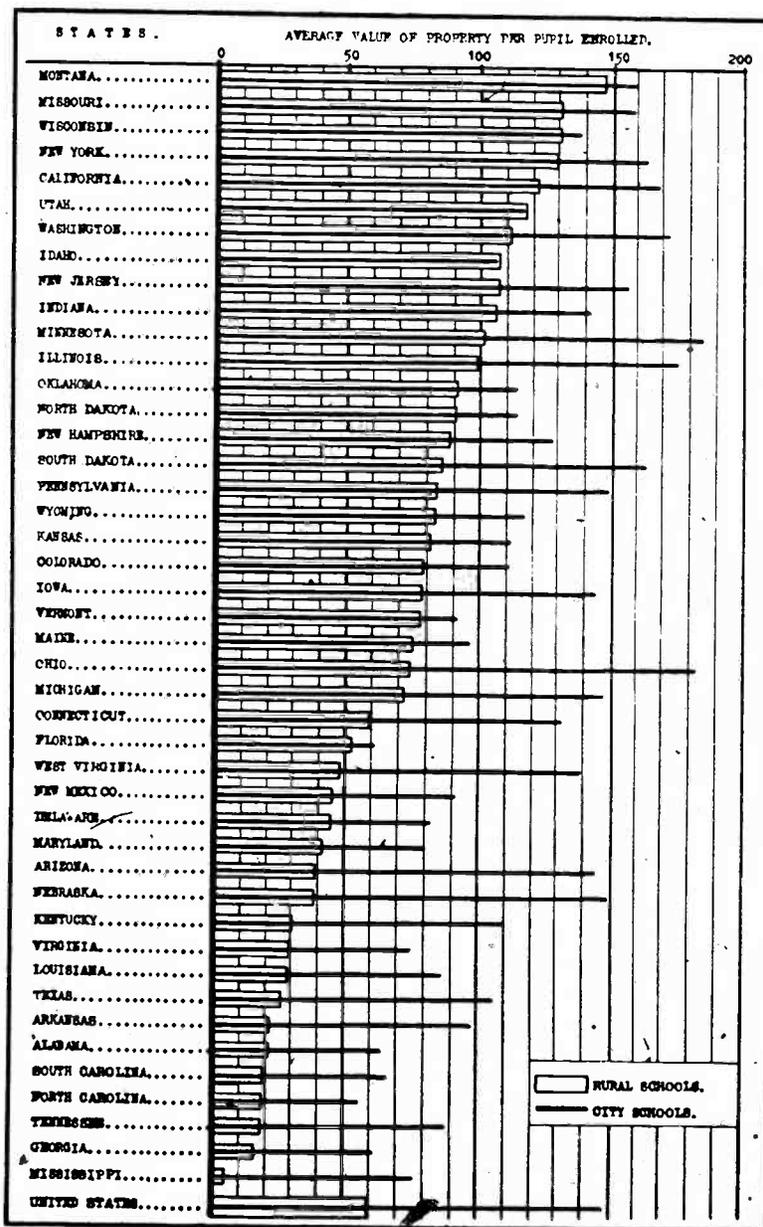


FIG. 5.—Average value of all school property per pupil enrolled in city and rural schools, 1917-18.

13225°—20—3

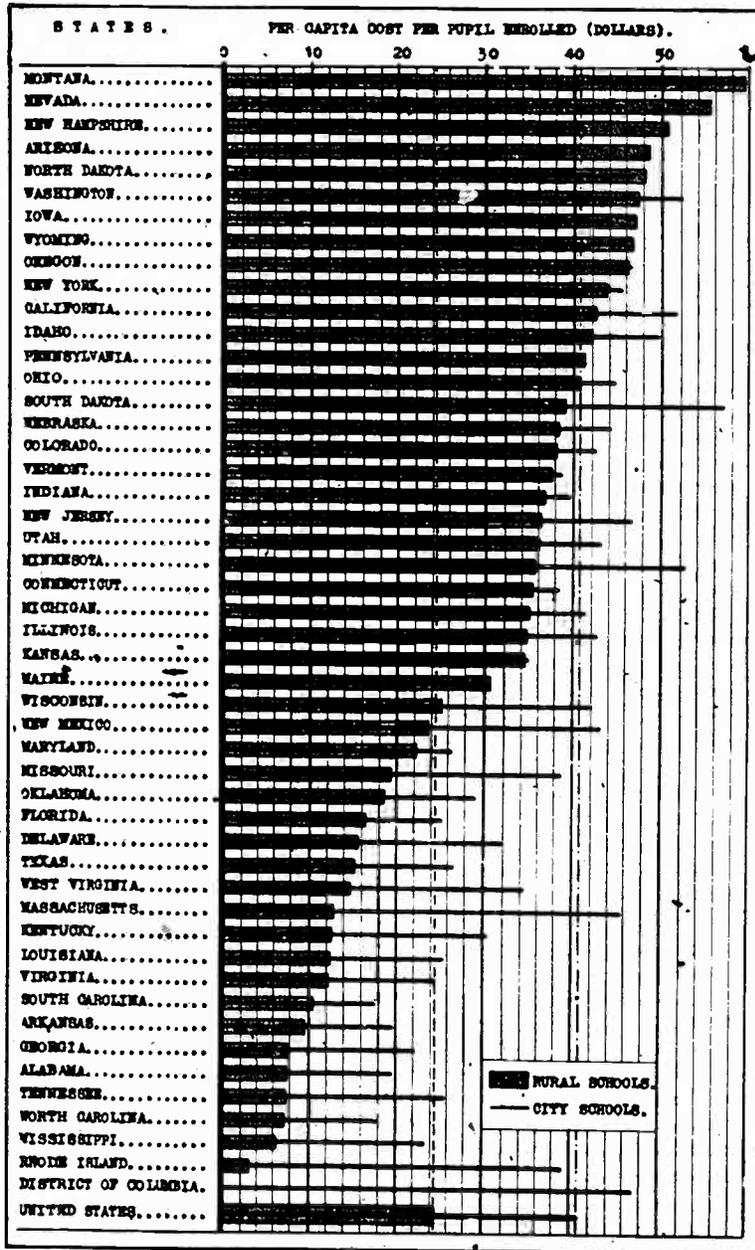


FIG. 6.—Current expenses for education per pupil enrolled in city and rural schools, 1917-18.

Nevada, and New Hampshire rank first, and Rhode Island, Mississippi, and North Carolina last in the array. Great differences between rural and city school expenditures are indicated by decided projections of the pins beyond the bars. The States seem to fall into two well-defined groups in this diagram, the State of Maine serving as a dividing bar. Those above Maine spend over \$32 per rural school pupil, and those below Maine spend less than \$23 per pupil.

It should be remembered that the per capita presented in this graph relate only to current expenses and do not include amounts spent for new buildings, grounds, and new equipment. These unusual average capital outlays, however, are given in Table 12.

In figure 7 the average expenditures for education in rural and city schools have been computed on the basis of the number of pupils in average daily attendance. This method of computation eliminates from consideration the absence of pupils from schools and gives the actual annual cost for the average pupil who takes daily advantage of the school term provided him. On this basis the per capita become considerably higher, for city schools \$51.57, and for rural schools \$33.67. Figure 7 shows these facts for the different States, ranking the States on the decreasing per capita costs. Arizona, Montana, and Nevada lead on rural-school expenditures, and Mississippi, North Carolina, and Tennessee come last, excluding Rhode Island, whose data were unreliable. In several States the average rural school expenditures exceed those incurred by city schools.

As the length of the school term varies considerably in the different States, the average cost based on the average attendance will be comparatively low in States having a short school term and relatively high in States having a long school term. To eliminate this factor of inequality from consideration, it becomes necessary to divide the per capita costs pictured in figure 7 by the length of the school term in each State for city and rural schools respectively. The results of these corrections are shown in Table 10 and figure 8. The average daily cost in rural schools ranges from 57 cents in Montana to 8 cents in Tennessee, the data for Rhode Island being unreliable. The average for all rural schools is 23 cents per day, and for all city schools 28 cents. It becomes apparent from these figures that city and rural unit costs, for the same length of time, are not essentially different. These minor differences were magnified in the two preceding graphs, since the length of the school term had not been taken into consideration. This statement is not derogatory to figures 6 and 7, since they take into account the fact that the city child goes to school a greater number of days during the year than the rural child. It should also be remarked at this juncture that large city schools can

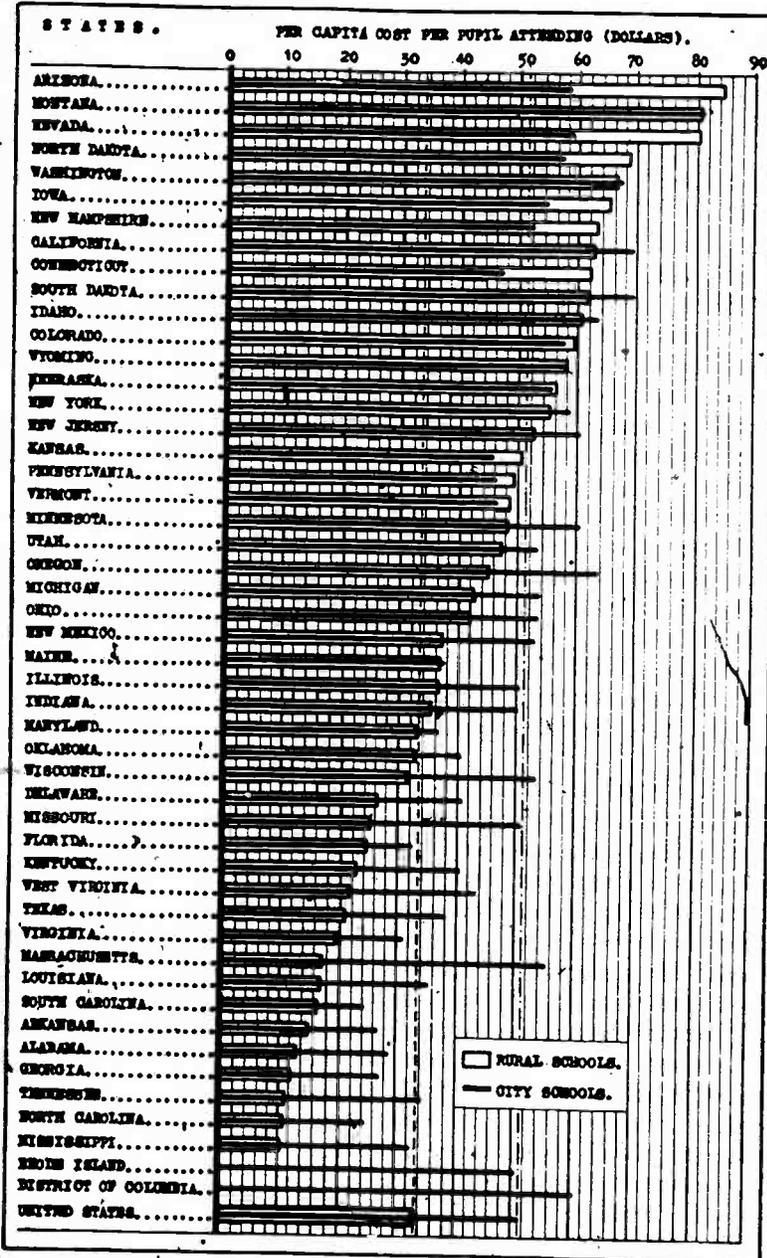


FIG. 7.—Current expenses for education for each pupil in average daily attendance in city and rural schools, 1917-18.

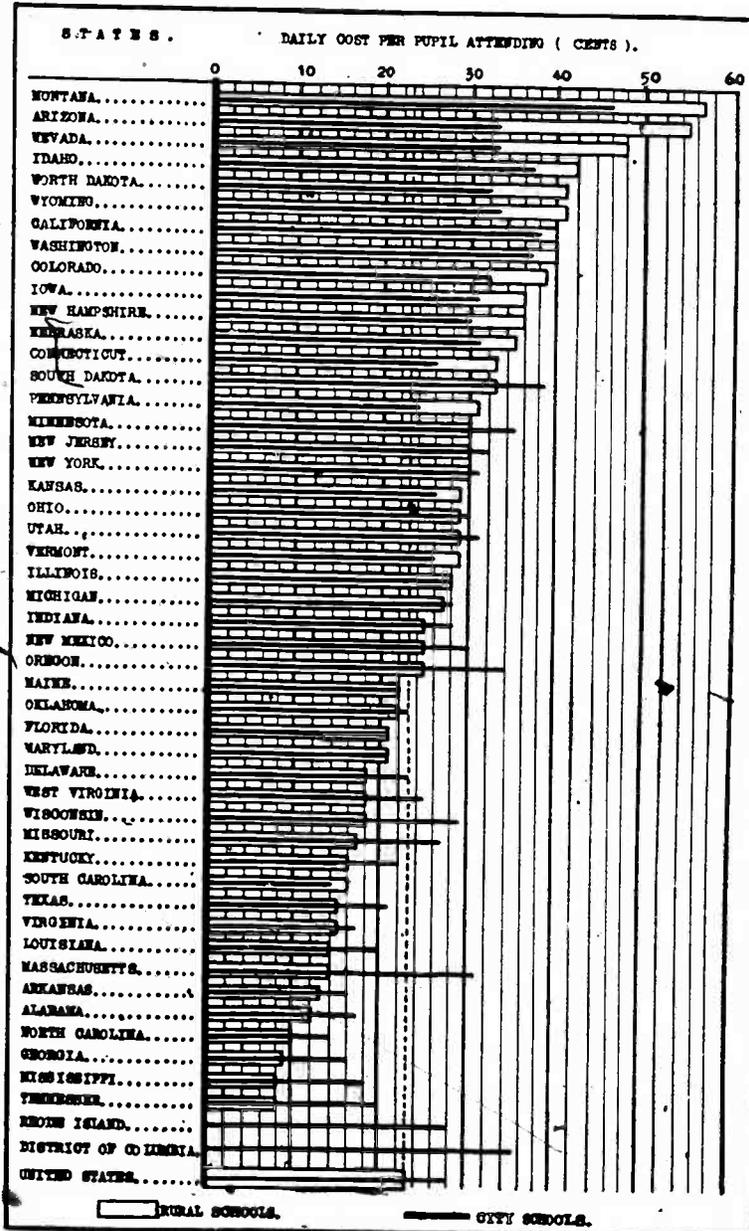


FIG. 8.—Current expenses for education per day for each pupil in average daily attendance in city and rural schools, 1917-18.

be maintained at smaller unit expenditures than can small rural schools, most of which have only one room. Where large numbers of children can be conveniently brought together the unit cost may not decrease but the educational advantages accruing from the same cost can be increased. With equal per capita costs, the city schools should be superior to rural schools. The slight difference in the daily cost of maintaining city and rural schools, 28 cents and 23 cents respectively, do not, therefore, represent even approximate educational advantages, when all facts are considered. From all of these analyses of current expenses it does not appear that the rural-school child is getting a "square deal." He is working under a handicap so long as he remains in the rural schools. The movement for the consolidation of schools seems to offer the most satisfactory solution to this serious problem.

A further inequality in educational opportunities is also evident as shown in Table 12. The average amount spent for permanent improvements in city schools was \$7.16 and in rural schools \$4.82 for each pupil enrolled in school. On the basis of average daily attendance these per capita expenditures become \$9.10 and \$6.73, respectively. When these averages are divided by the length of the school term, they each become 5 cents per day. From these comparative figures it is apparent that the city child is better housed than the rural child. It is true that the building program may have been seriously hampered by war conditions in 1918, but these general averages, although reduced in magnitude from the corresponding amounts usually spent, ought to be reliably comparable for city and rural schools. On every count, therefore, in figures 2 to 8, inclusive, it would seem that the rural schools have been shamefully neglected. The average rural child is born under an educational handicap.

TABLE 7.—Comparative statistics of enrollment and attendance of pupils in city and in rural schools, 1917-18.

States.	Number of pupils enrolled.			Aggregate number of days attended.			Average daily attendance.			Percentage of enrolled pupils in average daily attendance.		
	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.
United States.....	20,853,516	8,598,601	12,256,915	2,498,424,309	1,230,074,140	1,268,350,169	15,548,911	6,700,314	8,798,600	74.6	78.4	71.6
Alabama.....	578,782	78,596	498,286	42,208,184	9,324,157	32,884,027	341,634	54,094	287,540	59.5	68.9	52.1
Arizona.....	67,973	23,449	44,524	6,703,253	2,725,092	3,978,161	41,360	15,790	25,570	60.8	67.2	52.1
California.....	461,991	32,962	428,629	35,983,290	6,708,757	29,274,533	279,918	38,261	241,657	65.0	74.1	62.8
Colorado.....	662,758	347,443	315,315	74,107,963	47,258,066	26,849,897	429,617	258,188	171,429	71.3	74.4	67.0
Connecticut.....	200,763	90,736	107,027	23,181,312	12,566,975	10,614,337	137,984	69,620	68,364	68.7	74.3	63.9
Delaware.....	245,880	219,407	24,273	34,638,875	32,070,594	2,568,281	190,900	177,186	13,714	78.3	80.7	76.5
District of Columbia.....	37,137	15,447	21,690	2,191,137	827,463	1,363,674	21,613	12,048	9,565	66.3	78.0	57.9
Florida.....	61,536	61,536	0	8,271,468	8,271,468	0	47,838	47,838	0	77.7	77.7	77.7
Georgia.....	186,465	50,458	145,947	17,854,098	6,250,018	11,604,080	137,255	39,406	97,849	69.9	78.1	65.1
Idaho.....	679,661	117,481	562,180	63,729,555	16,601,710	47,127,845	460,576	94,407	366,169	67.7	80.4	65.1
Illinois.....	104,737	21,122	83,615	11,191,050	2,802,827	8,388,223	74,607	16,670	57,937	71.2	79.0	69.3
Indiana.....	1,068,391	624,977	443,414	152,998,066	66,287,310	86,710,756	963,253	328,200	635,053	78.0	84.5	76.7
Iowa.....	564,152	238,411	325,741	81,231,179	34,138,308	47,092,871	523,087	188,186	334,901	62.7	78.9	56.7
Kansas.....	530,375	158,265	372,110	71,191,080	22,553,190	48,637,890	395,506	137,543	257,963	71.6	79.9	62.0
Kentucky.....	405,319	117,380	287,791	49,432,474	15,911,532	33,520,942	288,206	90,403	197,803	71.1	77.0	68.7
Louisiana.....	533,855	85,824	447,831	47,129,660	11,577,403	35,552,257	314,992	64,321	250,671	59.1	75.2	56.0
Maine.....	146,271	31,060	115,211	31,757,169	10,392,876	21,364,293	231,422	59,632	171,790	71.6	73.6	71.1
Maryland.....	67,065	13,106	53,959	19,215,206	10,190,899	9,024,307	113,735	58,566	55,169	80.1	81.5	81.5
Massachusetts.....	235,246	105,202	129,446	27,533,663	13,551,190	14,002,483	161,772	76,948	84,824	68.8	73.0	65.3
Michigan.....	630,878	375,246	255,632	89,326,966	34,326,968	55,000,000	518,231	178,004	340,227	82.2	83.1	72.3
Minnesota.....	655,941	332,423	323,518	86,984,552	47,401,701	39,582,851	523,166	235,919	287,247	78.8	77.0	82.6
Mississippi.....	489,323	163,141	326,182	63,837,133	24,652,718	39,184,415	373,740	136,951	236,789	76.5	83.8	72.8
Missouri.....	540,756	40,639	500,117	47,794,019	5,138,978	42,655,041	343,982	28,780	315,202	64.0	70.8	63.4
Montana.....	664,412	258,076	406,336	83,643,928	37,263,283	46,380,645	545,610	197,327	348,283	76.1	78.5	75.8
Nebraska.....	122,000	34,204	87,796	13,756,001	4,445,270	9,310,731	80,288	24,869	55,419	73.0	73.0	71.4
Nevada.....	300,011	71,571	228,440	33,415,080	10,317,122	23,097,958	214,377	57,287	157,090	71.5	80.0	68.8
New Hampshire.....	14,518	4,445	10,073	4,785,616	606,330	4,179,286	10,430	3,433	6,997	77.2	77.2	69.3
New Jersey.....	66,021	36,040	29,972	9,138,734	4,978,906	4,159,828	52,687	28,643	24,044	79.8	77.7	69.0
New York.....	562,319	412,106	150,213	60,044,770	43,340,432	16,704,338	423,750	320,157	103,593	75.4	77.7	69.0
New Mexico.....	83,677	13,520	70,157	8,748,721	1,920,301	6,828,420	56,378	11,015	45,363	65.8	81.5	62.9

¹ Statistics unreliable.

² Includes 8,348 pupils enrolled in city and county normal schools.

Table 7.—Comparative statistics of enrollment and attendance of pupils in city and in rural schools, 1917-18—Continued.

States.	Number of pupils enrolled.			Aggregate number of days attended			Average daily attendance.			Percentage of enrolled pupils in average daily attendance.		
	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.
1												
New York.....	1,666,580	1,350,581	316,008	242,374,992	196,422,475	45,952,517	1,299,335	1,049,806	249,729	77.9	77.7	76.0
North Carolina.....	634,250	76,703	557,547	50,822,678	9,728,760	41,093,918	114,879	59,650	338,229	65.4	73.9	64.3
North Dakota.....	164,034	14,919	149,115	20,010,179	2,228,834	17,781,345	119,775	12,283	107,092	71.0	82.3	66.9
Ohio.....	951,960	539,292	412,668	188,391,822	81,605,921	106,785,901	849,287	451,368	397,094	88.2	83.7	98.4
Oklahoma.....	351,365	101,732	249,633	52,179,473	12,878,939	39,300,534	338,513	75,046	260,468	90.5	71.9	57.9
Oregon.....	18,801	65,037	46,234	23,048,112	8,871,549	15,076,563	130,854	48,172	82,682	89.7	74.0	(1)
Rhode Island.....	14,914	879,035	864,121	21,948,112	19,694,742	2,253,370	1,757,251	702,739	925,729	74.1	80.0	82.6
South Carolina.....	304,467	48,209	256,258	28,906,721	17,157,082	11,749,639	72,816	38,800	34,016	78.7	71.9	83.7
South Dakota.....	138,483	16,777	121,706	16,826,563	2,482,461	14,344,102	80,476	19,780	70,696	63.3	82.1	63.0
Tennessee.....	591,346	87,850	503,496	56,747,272	11,211,450	45,535,822	406,044	65,507	240,537	68.7	74.6	67.6
Texas.....	1,096,989	250,173	846,816	115,105,086	31,056,291	84,048,795	788,391	178,134	610,257	71.7	71.2	71.9
Utah.....	110,163	46,765	63,398	14,520,959	6,837,037	7,683,922	55,980	39,497	46,489	78.0	81.0	75.7
Vermont.....	62,049	28,913	33,136	8,507,427	4,250,371	4,257,056	49,751	24,283	25,468	80.2	84.0	76.9
Virginia.....	481,139	101,447	379,692	46,101,080	14,645,645	31,455,435	236,296	80,733	245,563	67.8	79.6	64.7
Washington.....	262,829	121,747	141,082	33,991,123	16,907,645	17,083,478	194,853	93,410	101,443	74.1	76.7	71.9
West Virginia.....	317,144	38,377	278,767	29,680,945	8,090,056	21,590,889	222,323	45,307	176,016	70.2	78.6	68.3
Wisconsin.....	449,403	191,819	257,584	63,368,366	27,841,021	35,527,345	336,455	151,307	204,344	79.2	79.2	79.4
Wyoming.....	38,271	9,379	28,892	4,367,963	1,311,312	3,056,651	30,619	7,161	23,458	80.0	80.0	80.7

1 Statistics unreliable.

TABLE 8.—The school term in rural and city schools, 1917-18.

States.	Average length of school term (days).			Average number of days attended by each pupil enrolled.			Average number of days lost by each pupil enrolled.			Percentage of school term lost by each pupil enrolled.		
	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.
1	2	3	4	5	6	7	8	9	10	11	12	13
United States.....	161	182	144	120	143	103	41	39	41	25.4	21.4	28.5
Alabama.....	124	173	114	74	119	64	50	54	48	40.6	31.2	42.1
Arizona.....	162	177	153	99	119	84	63	58	65	39.1	32.8	42.5
Arkansas.....	120	173	112	78	128	71	42	45	41	35.0	26.0	36.6
California.....	172	183	157	123	136	103	49	47	52	28.5	25.7	33.1
Colorado.....	168	181	155	116	134	99	53	47	56	31.2	26.0	36.1
Connecticut.....	181	181	187	142	146	106	39	35	81	21.5	19.3	43.3
Delaware.....	164	182	147	109	142	85	55	40	62	33.7	22.0	42.2
Dist. Columbia.....	173	173		134	134		39	39		22.6	22.6	
Florida.....	130	158	119	91	123	80	39	35	39	30.1	22.2	32.8
Georgia.....	138	176	129	94	141	84	44	35	45	32.0	19.9	34.9
Idaho.....	150	173	143	107	137	99	43	36	44	28.8	20.8	30.8
Illinois.....	159	182	131	141	154	122	19	28	9	11.6	15.4	6.9
Indiana.....	155	181	141	144	143	145	11	38	(1)	7.1	21.0	(1)
Iowa.....	180	177	182	134	143	131	46	34	51	25.4	19.2	28.0
Kansas.....	172	176	170	122	135	117	50	41	53	29.1	23.3	31.2
Kentucky.....	150	184	141	88	138	79	62	46	62	41.1	25.0	44.0
Louisiana.....	136	174	123	98	128	87	39	46	36	28.3	26.4	29.3
Maine.....	169	174	164	137	139	133	33	35	31	19.2	20.1	18.9
Maryland.....	170	176	165	117	129	108	53	47	57	31.0	26.7	34.5
Massachusetts.....	176	176	125	142	147	90	35	29	35	19.6	16.5	28.0
Michigan.....	172	185	159	137	143	132	35	42	27	20.2	22.7	17.0
Minnesota.....	169	182	161	129	153	117	40	29	44	23.5	15.9	27.3
Mississippi.....	138	179	134	88	127	85	50	52	49	36.0	29.1	36.6
Missouri.....	165	189	151	126	144	114	39	45	37	23.7	23.8	24.5
Montana.....	152	178	142	113	130	106	39	48	36	25.8	27.0	25.4
Nebraska.....	165	180	160	118	144	110	47	36	50	28.5	20.0	31.2
Nevada.....	171	177	169	123	136	117	48	41	52	28.1	23.2	30.6
New Hampshire.....	174	174	174	139	138	140	35	36	34	20.3	20.7	19.6
New Jersey.....	185	188	177	140	146	122	46	42	55	24.6	22.4	31.1
New Mexico.....	155	174	151	102	142	95	53	32	56	34.1	18.4	37.1
New York.....	187	187	184	145	145	145	42	42	39	22.2	22.5	21.2
North Carolina.....	123	172	115	80	127	74	43	45	41	34.9	26.2	35.6
North Dakota.....	168	181	166	119	149	116	49	32	50	29.1	17.7	30.1
Ohio.....	163	181	143	146	151	137	18	30	6	10.7	16.6	4.2
Oklahoma.....	157	176	151	95	127	87	62	49	64	39.7	27.9	42.4
Oregon.....	183	184	182	164	136	187	19	48	(1)	10.3	26.1	(1)
Pennsylvania.....	175	188	158	142	150	130	33	38	28	19.0	20.2	17.7
Rhode Island.....	193	177	(1)	152	138	(1)	41	39	22	21.3	22.0	(1)
South Carolina.....	113	176	103	73	128	66	40	48	37	35.2	27.3	35.9
South Dakota.....	186	178	188	122	146	118	64	32	70	34.6	18.0	37.3
Tennessee.....	140	171	134	96	128	90	44	43	44	31.4	25.2	32.8
Texas.....	146	174	138	105	124	99	41	50	39	28.3	28.8	28.3
Utah.....	189	173	165	132	140	125	37	33	40	22.0	19.1	24.3
Vermont.....	171	175	167	137	147	129	34	28	38	19.8	16.0	22.8
Virginia.....	141	181	128	96	144	83	45	37	45	32.1	20.4	35.2
Washington.....	174	181	168	129	139	121	45	42	47	25.7	23.2	28.0
West Virginia.....	133	176	122	94	139	83	39	37	39	29.6	21.0	32.0
Wisconsin.....	178	183	174	141	145	138	37	38	36	20.8	20.8	20.7
Wyoming.....	150	176	142	120	137	115	30	39	27	19.9	22.2	19.0

(1) Statistics unreliable.

TABLE 9.—Comparative summary of number of teachers employed in city and in rural schools, 1917-18.

States.	State.			City.			Rural.			Percentage of men teachers.		
	Men.	Women	Total.	Men.	Women	Total.	Men.	Women	Total.	State.	City.	Rural.
1	2	3	4	5	6	7	8	9	10	11	12	13
United States.....	105,194	545,515	650,709	25,063	216,319	241,382	80,164	329,196	409,360	16.1	10.4	19.7
Alabama.....	2,957	9,605	12,562	468	1,587	2,055	2,789	8,018	10,807	23.5	9.6	23.8
Arizona.....	245	1,812	2,057	42	521	563	203	1,291	1,494	11.9	7.5	13.6
Arkansas.....	4,421	7,587	12,008	121	1,116	1,237	4,300	6,471	10,771	36.8	9.8	39.9
California.....	2,015	15,261	17,276	1,345	9,376	10,721	670	5,885	6,555	11.7	12.5	10.2
Colorado.....	561	6,658	7,219	295	2,355	2,650	286	4,303	4,589	7.8	11.1	5.8
Connecticut.....	405	6,512	6,917	438	5,934	6,372	.....	578	578	5.9	6.9	0.0
Delaware.....	99	962	1,061	19	406	425	80	556	636	9.3	4.5	12.6
Dist. Columbia.....	219	1,636	1,855	219	1,636	1,855	0	0	0	11.8	11.8	0.0
Florida.....	1,206	6,065	6,271	105	1,294	1,399	1,101	3,771	4,872	19.2	7.5	22.6
Georgia.....	2,677	12,377	15,054	247	2,527	2,774	2,430	9,850	12,280	17.8	8.9	19.8
Idaho.....	651	3,196	3,847	77	492	569	574	2,704	3,278	16.9	13.5	17.5
Illinois.....	4,656	28,947	33,603	1,375	14,157	15,532	3,281	14,860	18,141	13.8	8.9	18.1
Indiana.....	6,247	10,743	16,990	930	6,015	6,945	5,117	4,728	10,045	36.8	14.4	51.9
Iowa.....	2,454	25,478	27,932	459	4,829	5,288	1,993	20,349	22,344	8.9	8.7	8.9
Kansas.....	2,353	14,045	16,398	326	2,958	3,284	2,027	11,087	13,114	14.3	9.0	15.5
Kentucky.....	4,414	9,657	14,071	196	2,152	2,348	4,218	7,505	11,723	31.4	8.3	36.0
Louisiana.....	1,319	6,589	7,908	122	1,967	2,089	1,197	4,622	5,819	18.7	5.8	20.6
Maine.....	614	6,575	7,189	202	2,328	2,530	412	4,247	4,659	8.5	8.0	8.8
Maryland.....	599	4,966	5,565	315	2,661	2,976	284	2,305	2,589	10.8	10.6	11.0
Massachusetts.....	2,089	16,913	19,002	1,547	15,708	17,255	542	1,205	11,747	11.0	9.0	31.0
Michigan.....	2,975	20,076	23,051	926	8,646	9,572	2,049	11,430	13,479	12.9	9.7	15.2
Minnesota.....	1,783	16,975	18,758	502	4,622	5,124	2,291	12,353	13,644	9.6	9.8	9.5
Mississippi.....	2,560	9,051	11,611	96	978	1,074	2,464	8,073	10,537	22.0	8.9	23.4
Missouri.....	4,122	16,545	20,667	761	5,958	6,719	3,361	10,587	13,948	19.9	11.3	24.1
Montana.....	645	5,136	5,781	87	953	1,040	558	4,183	4,741	11.2	8.4	11.8
Nebraska.....	660	12,098	12,758	155	2,024	2,179	505	10,074	10,579	5.2	7.1	4.8
Nevada.....	91	644	735	20	111	131	71	533	604	12.4	15.3	11.8
New Hampshire.....	228	2,900	3,128	94	1,086	1,180	134	1,814	1,948	7.3	8.0	6.9
New Jersey.....	1,397	14,411	15,808	1,041	10,554	11,595	356	3,857	4,213	8.8	9.0	8.5
New Mexico.....	600	1,904	2,504	37	337	394	563	1,577	2,140	23.7	9.4	26.3
New York.....	6,681	52,508	59,189	4,232	34,495	38,727	2,449	18,013	20,462	11.3	10.9	12.0
North Carolina.....	2,767	12,474	15,241	123	1,688	1,811	2,644	10,786	13,430	18.2	6.8	19.7
North Dakota.....	760	6,400	7,160	45	415	460	715	5,985	6,700	10.6	9.8	10.7
Ohio.....	7,307	27,846	35,153	1,984	14,884	16,868	5,323	12,962	18,285	20.8	11.8	29.1
Oklahoma.....	3,036	10,760	13,796	320	2,316	2,636	2,716	8,444	11,160	22.0	12.3	24.3
Oregon.....	1,017	5,453	6,470	243	1,634	1,877	774	3,819	4,593	15.7	12.9	16.9
Pennsylvania.....	7,818	36,515	44,333	2,682	19,727	22,409	5,136	16,788	21,924	17.6	12.0	23.4
Rhode Island.....	254	2,680	2,934	208	2,389	2,597	46	291	337	8.7	8.0	13.6
South Carolina.....	1,195	7,266	8,461	100	989	1,089	1,095	6,277	7,372	14.1	9.1	14.9
South Dakota.....	745	6,600	7,345	59	556	615	686	6,044	6,760	10.1	8.1	10.2
Tennessee.....	3,376	9,571	12,947	238	1,966	2,204	3,138	7,606	10,743	26.1	10.8	29.2
Texas.....	5,229	23,772	29,001	721	5,523	6,244	4,508	18,249	22,757	18.0	11.5	19.8
Utah.....	917	2,532	3,449	177	1,237	1,414	740	1,295	2,035	26.6	12.5	36.4
Vermont.....	123	2,852	2,975	82	947	1,029	41	1,905	1,946	4.1	8.0	2.1
Virginia.....	1,787	12,117	13,904	292	2,622	2,914	1,495	9,495	10,990	12.9	10.0	13.6
Washington.....	1,349	8,012	9,361	532	2,966	3,498	817	5,046	8,863	14.4	15.2	13.9
West Virginia.....	3,774	7,204	10,978	176	1,643	1,719	3,598	5,661	9,249	34.4	10.2	38.9
Wisconsin.....	1,642	15,101	16,743	563	4,907	5,470	1,079	10,196	11,275	9.8	10.3	9.6
Wyoming.....	145	1,746	1,891	19	227	246	126	1,519	1,645	7.7	7.7	7.7

¹ Probably unreliable.

TABLE 10.—School property in city and rural schools, 1917-18.

States.	Estimated value of school property.			Average value of school property per pupil enrolled.			Average annual salaries of teachers.		
	State.	City.	Rural.	State.	City.	Rural.	State. ¹	City.	Rural.
1	2	3	4	5	6	7	8	9	10
United States	\$1,983,508,918	\$1,258,933,000	\$724,575,818	\$95.12	\$146.62	\$58.07	\$635	\$854	\$470
Alabama	15,501,349	5,039,000	10,462,349	27.02	64.19	21.13	845	536	210
Arizona	5,115,802	3,382,000	1,733,802	75.26	144.23	38.94	952	910	873
Arkansas	13,908,115	5,151,000	8,757,115	30.13	97.26	21.43	387	537	294
California	90,091,819	58,861,000	31,227,819	149.47	169.42	122.31	1,912	1,063	929
Colorado	18,800,076	10,370,000	8,430,076	93.64	110.63	78.77	749	905	661
Connecticut	30,428,407	28,995,000	1,433,407	121.93	132.03	59.05	745	741	743
Delaware	2,228,220	1,270,000	958,220	60.00	82.22	44.18	561	707	429
Dist. of Columbia	13,052,000	13,052,000		212.10	212.10		1,052	1,037	
Florida	10,622,257	3,051,000	7,571,257	54.06	140.47	61.88	383	572	302
Georgia	15,548,968	7,180,000	8,368,968	22.88	61.12	14.89	366	651	302
Idaho	11,072,159	2,212,000	8,860,159	105.71	104.72	105.96	685	669	655
Illinois	154,619,859	109,107,000	45,212,859	142.06	175.07	97.56	778	1,044	551
Indiana	67,675,607	33,530,000	34,145,607	119.96	140.64	104.82	547	790	458
Iowa	51,683,915	22,574,000	29,119,915	97.47	112.63	78.26	578	720	439
Kansas	36,251,557	13,062,000	23,189,557	89.44	111.14	80.58	513	680	471
Kentucky	22,960,990	9,387,000	13,473,990	42.98	109.63	30.06	364	668	339
Louisiana	14,071,978	7,008,000	7,063,978	43.22	86.47	28.89	471	694	393
Maine	12,091,485	7,012,000	5,079,485	85.89	95.91	75.07	443	495	286
Maryland	13,800,000	8,126,000	5,674,000	58.66	79.97	41.37	687	645	738
Massachusetts	94,608,546	99,545,000		149.96	173.05		858	871	1,142
Michigan	71,998,534	48,690,000	23,308,534	109.76	146.47	72.05	668	885	513
Minnesota	63,117,181	30,240,000	32,877,181	129.25	185.40	101.09	651	948	539
Mississippi	4,850,000	3,076,000	1,774,000	8.97	75.69	3.55	291	606	259
Missouri	94,216,990	40,940,000	53,276,990	141.80	158.64	131.11	631	851	565
Montana	18,269,310	5,457,000	12,812,310	149.75	159.54	145.93	670	1,035	589
Nebraska	19,440,119	10,673,000	8,767,119	64.90	149.12	38.37	562	779	544
Nevada	2,419,645			166.67			874	973	632
New Hampshire	7,244,229	4,402,000	2,842,229	109.73	127.85	87.92	548	688	465
New Jersey	79,999,966	64,133,000	15,866,966	142.26	155.62	105.43	911	946	1,008
New Mexico	4,446,784	1,229,000	3,217,784	51.90	90.90	49.59	500	727	448
New York	252,252,578	221,341,000	40,911,578	157.36	163.89	129.46	976	1,038	554
North Carolina	14,303,503	4,204,000	10,099,503	22.55	54.81	18.11	284	508	254
North Dakota	15,500,000	1,682,000	13,818,000	92.24	112.74	90.25	578	816	615
Ohio	128,261,544	97,900,000	30,361,544	134.73	181.53	73.57	744	809	566
Oklahoma	52,162,753	11,528,000	40,634,753	94.61	113.32	90.37	371	625	578
Oregon	9,541,375	10,683,000		65.40	163.90		702	1,037	547
Pennsylvania	183,447,985	130,105,000	53,342,985	121.09	148.49	83.30	702	774	633
Rhode Island	12,159,619	11,113,000	1,046,619	132.37	129.58	25.37	802	743	694
South Carolina	9,839,638	3,212,000	6,627,638	24.94	65.78	19.11	315	528	289
South Dakota	13,084,806	2,750,000	10,334,806	94.49	163.91	84.91	504	769	493
Tennessee	16,857,960	7,758,000	9,099,960	28.51	48.31	18.07	370	636	322
Texas	48,872,283	29,480,000	22,392,283	44.47	105.85	28.38	487	683	433
Utah	12,865,451	5,652,000	7,213,451	116.66	115.90	117.43	754	927	702
Vermont	5,123,186	2,613,000	2,510,186	82.67	90.37	75.75	467	554	422
Virginia	18,862,354	7,610,000	11,252,354	39.20	75.01	29.64	385	587	311
Washington	30,596,668	20,884,000	15,712,668	139.24	171.54	111.37	922	1,066	849
West Virginia	20,245,822	8,116,000	12,129,822	63.84	139.03	46.88	408	632	367
Wisconsin	60,000,000	28,282,000	33,718,000	133.51	137.01	130.90	521	812	337
Wyoming	3,486,248	1,110,000	2,376,248	91.09	115.88	82.82	578	960	521

¹ The averages in this column have been computed from the total number of teaching positions filled.
² Probably unreliable.
³ Data inconsistent.

TABLE 11.—Summary of elementary and secondary school expenditures, 1917-18.

States.	Teachers' salaries.						Grand total current expenses.						Expended for outlays, capital acquisition.					
	State.		City.		Rural.		State.		City.		Rural.		State.		City.		Rural.	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
United States.....	\$102,209,516	\$219,965,137	\$106,233,377	\$611,965,116	\$119,653,179	\$295,911,967	\$110,082,943	\$41,189,636	\$1,839,156,207									
Alabama.....	3,211,264	641,083	2,279,181	3,383,119	1,539,098	3,801,021	703,085	82,988	620,007									
Arizona.....	1,535,067	533,903	1,391,261	3,691,342	920,430	2,133,542	489,101	98,090	341,011									
Arkansas.....	3,531,677	683,754	3,170,923	1,972,413	1,053,837	3,918,006	22,316	435,102										
California.....	17,184,521	11,303,524	6,090,997	28,537,070	18,080,733	10,526,317	5,258,821	1,871,765	3,394,056									
Colorado.....	5,121,875	2,398,974	3,022,901	8,083,508	3,092,353	4,101,245	1,639,823	407,582	1,232,041									
Connecticut.....	5,151,367	4,791,735	429,632	9,217,789	8,394,831	852,958	1,421,814	1,205,371	216,473									
Delaware.....	598,328	124,425	272,345	825,328	491,013	560,318	50,318	48,403	1,945									
District of Columbia.....	1,923,458	1,748,742	1,171,637	2,469,115	2,901,615	2,419,314	977,103	279,236	769,013									
Florida.....	2,258,379	748,742	3,708,475	6,087,984	1,577,601	4,460,784	64,076	366,612	237,464									
Georgia.....	5,514,000	1,805,525	3,708,475	8,083,508	2,357,260	4,460,784	64,076	366,612	237,464									
Idaho.....	2,636,443	489,599	2,146,844	4,572,315	1,051,449	3,517,896	606,500	104,747	441,753									
Illinois.....	26,197,598	16,194,101	10,003,494	42,790,669	20,651,331	16,109,335	8,745,374	5,273,825	3,471,549									
Indiana.....	9,976,513	5,072,583	4,943,930	21,417,049	9,117,101	12,020,048	6,130,656	1,093,327	5,036,379									
Iowa.....	13,608,309	3,879,279	9,796,030	24,176,474	6,896,186	17,578,888	4,801,381	2,925,234	1,876,146									
Kansas.....	8,415,731	2,231,342	6,191,389	11,928,830	4,110,382	9,918,348	3,073,714	1,117,353	1,056,361									
Kentucky.....	5,541,396	1,567,529	3,973,857	9,308,640	2,597,307	5,711,333	47,351	529,623										
Louisiana.....	3,727,590	1,448,794	2,278,808	5,173,569	2,090,288	3,081,291	814,882	91,000	753,683									
Maine.....	1,250,978	1,353,019	1,353,019	4,255,985	2,199,611	2,658,371	175,123	73,063	102,118									
Maryland.....	1,521,688	1,505,423	1,900,012	5,612,124	2,799,921	2,872,943	311,111	27,636	283,975									
Massachusetts.....	17,584,474	15,065,783	2,518,691	27,158,578	26,415,113	1,715,133	3,929,212	3,670,070	259,136									
Michigan.....	14,998,026	7,989,806	6,908,218	25,078,052	13,783,111	11,293,841	7,041,294	5,785,024	1,230,270									
Minnesota.....	12,217,925	4,839,294	7,378,631	20,153,843	8,440,452	11,722,393	4,541,780	1,964,716	2,849,041									
Mississippi.....	3,341,413	651,182	2,730,231	1,283,453	849,604	3,581,837	4,083,593	1,646,443	3,283,060									
Missouri.....	13,494,982	5,717,592	7,781,290	17,651,084	10,053,074	7,906,010	2,053,999	591,175	1,444,324									
Montana.....	3,872,080	1,076,202	2,796,478	7,272,083	2,023,452	5,258,111	2,053,999	591,175	1,444,324									
Nebraska.....	7,451,002	1,667,225	5,783,777	11,675,036	3,163,712	8,411,294	2,006,821	1,122,161	1,284,660									
Nevada.....	599,365	127,469	381,896	765,236	203,518	561,738	37,202	26,040	11,292									
New Hampshire.....	1,713,353	808,228	905,147	3,013,016	1,194,146	1,818,870	123,330	27,456	97,874									
New Jersey.....	15,192,012	10,968,472	4,223,540	24,791,411	19,331,717	5,459,721	5,152,990	3,402,716	2,050,244									
New Mexico.....	1,267,888	369,118	938,750	2,276,094	383,130	1,893,171	1,363,301	179,405	1,415,969									

STATISTICAL SURVEY OF EDUCATION, 1917-1918.

New York	51,536,158	40,147,868	17,362,290	75,327,679	61,652,075	11,816,301	5,324,392	4,221,642	1,301,750
North Carolina	4,329,117	920,222	3,408,895	5,383,104	1,377,111	1,013,483	1,101,216	102,386	758,880
North Dakota	4,591,040	375,571	4,124,026	8,091,125	702,397	730,528	1,801,000	183,258	1,618,744
Ohio	23,895,924	13,548,525	10,347,399	40,940,597	24,177,492	19,764,945	9,557,418	7,278,085	2,279,323
Oklahoma	8,090,538	1,646,069	6,452,849	11,670,245	2,658,227	8,712,018	2,488,985	901,963	1,583,972
Oregon	4,499,375	1,846,188	2,653,187	6,794,185	3,049,356	3,734,949	749,077	627,455	118,629
Pennsylvania	31,226,303	17,342,908	13,985,365	59,418,612	32,318,851	26,099,761	11,101,635	5,103,954	5,997,681
Rhode Island	2,159,668	1,929,056	230,612	3,455,735	3,443,378	112,357	593,098	351,292	241,744
South Carolina	2,707,368	575,524	2,131,851	4,472,790	897,842	3,601,948	492,247	10,574	441,673
South Dakota	3,721,288	473,148	3,248,147	5,727,264	961,044	4,766,220	1,354,639	399,247	1,045,392
Tennessee	4,778,149	1,401,398	3,376,753	6,065,556	2,229,533	3,837,023	1,616,138	529,363	1,068,085
Texas	14,450,475	4,263,391	9,691,082	19,133,964	6,658,082	12,775,506	5,123,734	1,535,725	3,808,109
Utah	1,469,943	417,014	1,052,929	2,305,464	412,464	1,412,400	1,071,883	411,694	680,265
Vermont	1,390,847	1,570,084	1,290,563	2,385,097	1,121,464	1,263,633	1,031,883	411,694	680,265
Virginia	5,162,470	1,710,097	3,452,373	7,218,817	2,500,629	4,718,188	1,083,690	584,899	530,791
Washington	8,502,727	3,520,529	4,982,198	13,090,391	6,340,188	6,750,203	2,173,588	1,283,351	980,237
West Virginia	4,490,877	1,086,248	3,394,629	6,836,335	1,999,096	3,837,239	1,151,698	477,683	677,015
Wisconsin	8,229,399	4,433,408	3,795,991	14,549,531	8,070,735	6,478,796	3,107,660	1,664,315	1,412,715
Wyoming	1,092,729	4,236,181	856,568	1,776,367	430,154	1,346,213	228,052	16,860	211,192

Includes expenditures for city and county normal schools.

TABLE 12.—Per capita cost of education, 1917-18.

States.	Per pupil enrolled.						Per pupil attending.						Daily cost per pupil attending.						
	For current expenses.			For outlays.			For current expenses.			For outlays.			For current expenses.			For outlays.			
	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	\$0.91	\$40.60	\$24.13	\$5.71	\$7.16	\$1.82	\$11.15	\$31.37	\$33.67	\$7.67	\$9.10	\$6.73							
United States	9.35	19.86	24.13	5.71	7.16	1.82	11.15	31.37	33.67	7.67	9.10	6.73							
Alabama	9.35	19.86	7.68	1.22	1.06	1.25	13.69	28.81	13.23	2.01	1.51	2.16	13	17	12	12	14	19	2
Arizona	45.52	39.27	48.82	8.46	4.18	7.60	74.81	81.90	10.61	10.61	6.24	13.32	46	13	55	7	4	9	0
Arkansas	10.77	19.90	9.59	6.05	8.22	5.40	16.63	26.81	15.03	0.7	11.08	14	14	13	40	7	4	13	13
California	47.88	51.90	42.40	8.73	5.40	13.25	67.18	69.75	63.26	12.22	7.25	19.77	39	38	39	7	3	4	13
Colorado	40.31	42.59	36.32	8.17	4.35	11.51	58.65	57.31	50.99	11.89	5.57	18.02	35	32	39	7	3	12	12
Connecticut	37.92	36.23	35.14	5.83	5.19	8.92	48.44	47.38	62.19	7.11	6.50	15.78	27	26	33	1	4	8	8
Delaware	22.31	31.98	15.28	1.27	3.13	0.99	33.34	11.01	26.38	2.01	1.02	1.15	15	23	18	2	2	0	0
Dist. Columbia	47.20	47.20	0	4.55	4.55	0	60.72	60.72	0	5.81	5.81	0	35	35	0	3	3	0	0
Florida	18.82	25.32	16.58	4.97	4.32	5.20	26.95	32.42	21.72	7.12	5.51	7.55	21	21	9	5	4	6	6
Georgia	10.28	22.02	7.83	0.92	3.29	0.42	15.17	27.40	12.02	1.36	4.10	1.65	11	16	16	1	2	1	1
Idaho	43.66	49.92	42.07	5.78	7.80	5.28	61.28	63.25	60.73	8.07	9.38	7.03	41	37	42	5	6	5	5
Illinois	30.79	32.76	30.65	4.03	4.59	7.46	40.01	40.01	37.92	9.27	5.82	7.00	26	28	26	8	5	0	0
Indiana	38.02	33.50	34.03	10.88	14.58	15.46	40.51	50.01	33.92	11.11	12.05	15.01	31	31	36	7	13	14	14
Iowa	16.15	23.57	17.21	9.08	14.88	5.81	61.87	51.04	65.61	12.65	22.05	17.00	24	24	26	7	7	4	4
Kansas	34.61	34.97	34.46	7.58	9.51	6.89	68.67	48.42	50.16	10.67	12.35	9.89	28	28	29	7	7	6	6
Kentucky	15.96	30.33	12.75	0.09	6.19	3.08	26.38	10.38	22.78	1.15	8.23	1.34	18	22	16	3	4	4	4
Louisiana	15.89	25.78	12.61	2.60	1.12	3.08	22.16	35.01	17.75	3.62	1.52	4.34	16	20	14	3	1	1	1
Maine	30.23	30.09	30.39	1.25	1.00	1.51	37.12	37.26	37.27	1.51	1.25	1.89	22	22	22	1	1	1	1
Maryland	24.11	26.57	22.11	1.32	2.26	2.19	35.06	36.39	33.84	1.83	3.36	3.35	21	21	21	1	1	2	2
Massachusetts	43.05	45.97	42.86	6.23	6.38	4.66	52.38	55.32	47.78	7.61	7.68	6.14	30	31	31	4	4	5	5
Michigan	34.23	41.46	34.91	10.74	17.40	3.89	47.91	53.91	42.26	13.11	22.01	1.71	28	29	27	8	12	3	3
Minnesota	41.27	52.78	35.50	9.92	12.23	5.76	53.93	62.57	48.71	12.98	11.57	12.03	32	33	30	8	8	7	7
Mississippi	7.89	23.03	7.63	7.42	10.33	0.19	12.32	32.72	10.19	0.97	8.31	10.65	4	18	15	8	8	8	8
Missouri	25.03	28.95	18.66	7.42	9.38	8.08	36.32	40.89	25.66	10.97	10.97	10.65	17	17	17	15	13	13	13
Montana	36.61	36.17	36.78	16.69	17.29	16.13	80.51	81.09	80.32	22.80	23.70	22.11	35	35	37	15	13	16	16

Nebraska.....	39 92	11 20	38 37	8 03	15 05	5 62	55 87	55 21	56 04	11 21	14 59	8 14	34	31	35	11	5
Nevada.....	52 71	45 79	55 77	2 57	5 52	1 12	73 37	59 28	80 28	3 57	7 59	1 61	43	31	16	11	5
New Hampshire.....	45 64	41 45	50 64	1 90	5 76	3 27	57 14	52 07	63 30	2 40	7 96	4 08	33	30	36	1	2
New Jersey.....	44 09	46 92	36 33	9 70	8 23	13 65	58 51	60 39	52 67	12 40	10 63	19 79	32	32	30	6	11
New Mexico.....	27 37	43 15	23 47	17 62	13 27	19 62	40 34	52 97	37 33	28 30	16 29	31 21	26	30	25	9	21
New York.....	45 32	45 67	43 82	3 32	3 13	4 13	38 12	58 76	55 40	4 21	4 02	6 22	31	31	30	2	3
North Carolina.....	8 49	17 95	7 14	1 53	5 23	1 36	12 97	21 31	11 14	2 80	7 10	2 12	11	11	10	2	2
North Dakota.....	48 17	47 08	48 27	10 71	12 28	10 56	67 81	57 20	68 02	15 09	14 92	15 10	44	32	41	8	9
Ohio.....	43 61	41 78	40 62	10 61	13 59	5 32	48 30	53 54	42 15	11 29	16 12	6 73	80	30	29	9	9
Oklahoma.....	21 17	28 64	19 38	4 32	8 47	3 33	33 00	40 50	33 43	7 46	12 35	6 12	22	23	22	1	4
Oregon.....	46 50	46 87	46 20	5 12	9 64	1 47	51 85	63 30	45 17	5 71	13 09	1 43	28	34	25	4	1
Pennsylvania.....	38 56	39 80	40 99	7 35	5 81	9 42	47 57	46 03	49 64	9 03	7 27	11 41	27	21	31	4	7
Rhode Island.....	37 62	39 11	3 23	6 45	3 99	0 70	47 83	50 20	43 71	8 21	5 22	5 19	15	21	31	4	1
South Carolina.....	11 34	17 60	10 44	1 25	2 11	1 40	17 44	24 18	16 39	1 63	3 28	5 19	16	21	10	2	2
South Dakota.....	41 36	57 28	39 16	9 78	18 43	8 39	63 30	69 74	62 14	15 00	22 44	13 63	31	39	33	13	2
Tennessee.....	10 29	25 37	7 66	2 73	6 01	2 16	14 99	34 02	11 33	3 98	8 07	3 20	20	20	8	3	2
Texas.....	17 68	26 61	15 06	4 67	6 14	4 23	24 05	37 34	20 91	6 50	8 62	6 88	17	15	15	1	4
Utah.....	39 19	43 19	36 02	9 12	8 56	10 10	50 22	53 32	47 59	12 04	10 57	13 31	30	31	29	1	8
Vermont.....	38 12	38 79	37 53	2 76	14 24	1 40	47 55	46 18	48 83	3 42	16 95	13 31	28	26	29	10	8
Virginia.....	15 00	21 65	12 43	2 26	5 47	1 40	22 13	30 97	19 21	3 32	6 87	2 16	28	17	15	2	2
Washington.....	49 81	52 08	47 85	8 26	10 54	0 31	67 18	67 87	66 54	11 13	13 71	8 78	39	37	30	8	5
West Virginia.....	18 40	34 21	14 83	3 64	8 19	2 62	27 23	43 55	21 72	8 19	10 11	3 83	20	25	18	4	3
Wisconsin.....	32 38	42 07	25 15	6 91	8 69	6 10	46 84	53 13	31 67	6 09	10 90	7 03	23	28	18	6	3
Wyoming.....	46 42	44 94	46 91	5 85	1 76	7 36	58 01	57 64	68 14	7 47	2 20	9 12	39	33	11	1	6

*Data unreliable.

† One-fifth of 1 cent.

‡ One-tenth of 1 cent.

TABLE 13.—Percentage distribution of pupils and students of all grades in both public and private schools and colleges, 1918.

States.	Per cent of the whole number of pupils in each grade.			Per cent in each grade receiving public instruction.			Per cent of the total population enrolled in each grade.			
	Elementary.	Secondary.	Higher.	Elementary.	Secondary.	Higher.	Elementary.	Secondary.	Higher.	Total.
1	2	3	4	5	6	7	8	9	10	11
United States.....	88.6	9.3	2.1	92.8	90.9	52.2	19.1	2.0	0.4	21.8
Alabama.....	93.1	5.8	1.1	97.3	93.0	66.1	23.3	1.5	.3	25.1
Arizona.....	91.1	6.9	2.0	95.6	89.6	100.0	24.4	1.8	.5	26.7
Arkansas.....	98.7	2.8	.5	99.4	91.6	61.9	25.2	.7	.1	26.0
California.....	76.4	20.6	3.0	97.2	96.1	61.3	15.7	4.2	.6	20.5
Colorado.....	84.7	12.4	2.9	94.3	95.9	70.1	17.7	2.6	.6	20.9
Connecticut.....	88.5	10.0	1.5	85.1	85.2	27.1	20.0	2.2	.3	22.5
Delaware.....	91.6	7.6	.8	93.1	88.8	100.0	17.0	1.4	.2	18.6
Dist. Columbia.....	79.2	13.4	7.4	84.3	74.8	22.4	17.0	2.9	1.7	21.6
Florida.....	93.7	5.7	.6	96.9	91.4	61.3	20.4	1.2	.1	21.7
Georgia.....	92.5	6.5	1.0	98.5	89.2	49.7	22.1	1.5	.3	23.9
Idaho.....	86.0	12.2	1.8	96.0	89.5	87.1	20.7	2.0	.4	21.0
Illinois.....	87.8	9.2	3.0	87.6	91.4	34.6	18.7	2.0	.6	21.3
Indiana.....	85.3	12.5	2.2	95.5	95.3	50.0	18.1	2.6	.3	21.2
Iowa.....	87.2	10.3	2.5	94.8	91.7	46.4	22.6	2.7	.6	25.9
Kansas.....	83.7	13.0	3.3	97.1	94.6	70.1	19.4	3.0	.8	23.2
Kentucky.....	94.1	4.9	1.0	95.0	84.1	59.6	22.3	1.2	.2	23.7
Louisiana.....	91.4	7.3	1.3	92.7	90.6	51.5	17.3	1.4	.3	19.0
Maine.....	85.4	12.8	1.8	90.8	86.7	54.9	17.3	2.6	.4	20.3
Maryland.....	91.0	6.5	2.5	90.0	78.6	34.5	17.8	1.3	.5	19.6
Massachusetts.....	81.1	15.8	3.1	84.0	90.1	14.5	16.2	3.1	.6	19.9
Michigan.....	87.0	10.7	2.3	88.4	94.1	83.1	20.9	2.6	.5	21.0
Minnesota.....	86.7	11.0	2.3	94.8	89.1	69.7	19.7	2.5	.5	22.7
Mississippi.....	83.5	5.7	.8	88.9	92.6	64.3	25.9	1.6	.2	27.7
Missouri.....	88.3	9.1	2.6	92.4	91.7	58.1	18.9	2.0	.6	21.5
Montana.....	88.9	9.7	1.4	96.5	92.8	100.0	23.5	2.6	.4	26.5
Nebraska.....	87.2	9.6	3.2	95.4	93.7	73.9	21.9	2.4	.8	25.1
Nevada.....	87.6	10.2	2.2	98.9	100.0	100.0	11.5	1.3	.3	13.1
New Hampshire.....	80.8	16.9	2.3	76.4	81.2	42.3	15.8	3.3	.4	19.5
New Jersey.....	90.0	9.1	.9	91.9	90.7	42.8	17.8	1.8	.1	19.7
New Mexico.....	93.2	4.6	2.2	95.5	94.0	100.0	17.6	1.0	.5	21.1
New York.....	87.8	9.8	2.4	87.4	90.0	28.1	16.1	1.8	.4	18.3
North Carolina.....	95.1	3.6	1.3	97.1	74.1	57.6	25.7	1.0	.3	27.0
North Dakota.....	80.8	7.1	2.1	97.0	95.5	79.4	20.4	1.6	.5	22.5
Ohio.....	85.4	12.4	2.2	84.8	94.6	53.1	18.3	2.7	.5	21.5
Oklahoma.....	91.5	6.4	2.1	98.5	96.8	92.4	22.0	1.6	.5	24.1
Oregon.....	81.4	15.1	4.5	96.5	95.8	60.5	14.5	2.7	.6	17.8
Pennsylvania.....	89.4	8.5	2.1	92.8	87.0	26.8	17.0	1.6	.4	19.0
Rhode Island.....	89.6	8.9	1.5	83.3	88.3	43.6	15.7	1.6	.3	17.6
South Carolina.....	95.6	2.7	1.7	98.2	79.1	65.6	23.6	.7	.4	24.7
South Dakota.....	87.0	9.7	3.3	97.4	91.2	71.5	17.5	2.0	.7	20.2
Tennessee.....	93.0	5.9	1.1	96.7	83.3	29.2	25.0	1.6	.3	26.9
Texas.....	88.7	9.9	1.4	98.6	94.7	68.3	21.9	2.4	.4	21.7
Utah.....	86.3	12.1	1.6	97.3	70.4	100.0	22.7	3.2	.4	26.3
Vermont.....	83.9	13.9	2.2	90.5	81.4	65.7	16.3	2.7	.4	19.4
Virginia.....	90.8	6.9	2.3	98.3	83.6	59.6	20.6	1.6	.5	22.7
Washington.....	83.6	14.0	2.4	97.1	95.4	95.4	14.0	2.3	.4	16.7
West Virginia.....	83.6	5.4	1.0	99.1	93.2	81.9	21.1	1.2	.2	22.5
Wisconsin.....	87.2	9.8	3.0	84.5	92.9	81.1	18.5	2.1	.6	21.2
Wyoming.....	90.2	9.3	.5	97.2	93.5	100.0	18.9	1.9	.1	20.9

TABLE 14.—Pupils and students of all grades in both public and private schools and colleges, 1918—PART I.

States.	Pupils receiving elementary instruction (primary and grammar grades).		Pupils receiving secondary instruction (high-school grades).		Students receiving higher instruction (see columns # to 16, next page).	
	Public.	Private (largely estimated).	Public.	Private.	Public.	Private.
1	2	3	4	5	6	7
United States.....	18,918,695	1,457,044	1,943,921	193,305	247,044	226,451
Alabama.....	512,529	14,885	31,358	3,467	4,274	2,191
Arizona.....	63,470	2,941	4,503	516	1,419	1,560
Arkansas.....	419,865	2,635	11,802	1,091	1,560	859
California.....	475,845	13,818	126,913	5,103	12,020	7,576
Colorado.....	176,523	3,000	25,103	1,078	4,392	3,975
Connecticut.....	219,423	38,462	24,506	4,255	1,966	3,213
Delaware.....	34,423	2,561	2,714	341	333	.....
Dist. Columbia.....	53,802	10,000	8,049	2,706	1,389	4,813
Florida.....	185,784	5,930	10,672	1,908	728	458
Georgia.....	639,510	10,000	40,386	4,890	3,662	3,708
Idaho.....	92,745	3,000	12,165	1,436	1,463	216
Illinois.....	975,834	205,773	112,657	10,658	13,736	25,965
Indiana.....	492,106	23,203	72,046	3,556	6,541	6,530
Iowa.....	476,759	26,370	84,572	4,047	6,606	7,641
Kansas.....	352,165	10,668	63,469	3,071	9,895	4,216
Kentucky.....	509,844	26,781	23,511	4,437	3,367	2,282
Louisiana.....	302,135	23,750	23,506	2,445	2,490	2,345
Maine.....	123,157	12,429	17,617	2,701	1,574	1,283
Maryland.....	221,513	24,516	13,769	3,750	2,494	4,727
Massachusetts.....	522,088	99,109	108,790	11,900	3,484	20,636
Michigan.....	580,072	76,184	75,869	4,795	14,132	2,875
Minnesota.....	437,407	24,187	52,084	6,343	8,640	3,759
Mississippi.....	511,617	5,750	29,139	2,330	2,705	1,502
Missouri.....	602,552	49,828	61,860	5,625	11,183	8,079
Montana.....	110,440	4,000	11,572	896	1,837	.....
Nebraska.....	270,993	13,182	29,273	1,961	7,637	2,668
Nevada.....	12,968	143	1,530	.....	324	.....
New Hampshire.....	54,044	16,633	11,977	2,779	832	1,137
New Jersey.....	512,019	34,971	30,300	5,127	2,222	2,974
New Mexico.....	81,917	3,887	3,939	253	2,106	.....
New York.....	1,498,001	216,909	172,226	19,229	13,352	34,122
North Carolina.....	616,398	18,228	17,852	6,256	4,843	3,563
North Dakota.....	156,414	4,785	11,995	559	2,991	775
Ohio.....	819,158	147,196	132,802	7,525	13,199	11,665
Oklahoma.....	50,261	7,966	35,689	1,162	10,795	882
Oregon.....	123,244	4,456	22,718	985	3,869	1,701
Pennsylvania.....	1,390,909	106,000	124,015	18,479	9,596	26,196
Rhode Island.....	83,131	16,680	8,733	1,162	724	887
South Carolina.....	385,697	7,000	8,770	2,314	4,496	2,380
South Dakota.....	128,430	3,411	13,124	1,263	3,532	1,408
Tennessee.....	560,412	18,963	30,534	6,110	2,057	4,981
Texas.....	992,934	14,496	106,171	5,890	11,252	5,226
Utah.....	100,066	2,727	10,162	4,282	1,895	.....
Vermont.....	53,973	5,672	8,076	1,841	979	511
Virginia.....	451,962	7,900	29,166	5,739	6,795	4,608
Washington.....	225,969	6,815	37,118	1,777	6,403	306
West Virginia.....	300,780	2,720	16,264	1,191	2,671	591
Wisconsin.....	399,962	73,512	49,411	3,784	13,143	3,058
Wyoming.....	34,485	1,000	2,444	240	213	.....

TABLE 15.—Pupils and students of all grades in both public and private schools and colleges, 1918—PART II.

States.	Students receiving higher instruction—								
	In universities and colleges.			In schools of theology, law, medicine, veterinary medicine, dentistry, and pharmacy.			In normal schools		
	Public.	Private.	Total.	Public.	Private.	Total.	Public.	Private.	Total.
	8	9	10	11	12	13	14	15	16
United States.....	108,768	178,060	286,828	9,771	38,822	48,593	128,505	9,569	138,074
Alabama.....	1,686	1,115	2,801	186	15	201	2,402	1,061	3,463
Arizona.....	437	0	437	11	0	11	971	.....	971
Arkansas.....	586	927	1,513	52	32	84	922	.....	922
California.....	6,988	6,298	13,286	692	1,146	1,738	4,440	132	4,572
Colorado.....	3,704	1,574	5,278	141	301	442	547	.....	547
Connecticut.....	137	2,649	2,786	0	283	283	1,059	271	1,330
Delaware.....	333	0	333	0	0	0	.....	.....	.....
Dist. Columbia.....	751	2,658	3,409	425	1,949	2,374	213	6	219
Florida.....	680	450	1,130	46	0	46	.....	8	.....
Georgia.....	1,649	3,204	4,853	94	499	593	1,919	.....	1,919
Idaho.....	481	213	697	25	0	25	957	.....	957
Illinois.....	4,566	19,927	24,493	629	4,760	5,389	8,541	1,278	9,819
Indiana.....	4,041	3,406	7,447	297	568	865	2,203	2,156	4,359
Iowa.....	5,853	7,434	13,287	753	207	960	.....	.....	.....
Kansas.....	3,656	4,091	7,747	388	125	513	5,851	.....	5,851
Kentucky.....	1,002	1,627	2,629	55	612	667	2,310	48	2,358
Louisiana.....	737	1,543	2,280	31	802	833	1,722	.....	1,722
Maine.....	813	1,249	2,062	34	41	75	697	.....	697
Maryland.....	1,562	3,372	4,934	0	1,169	1,169	932	146	1,118
Massachusetts.....	495	10,390	10,885	0	3,321	3,321	2,989	825	3,814
Michigan.....	6,644	2,197	8,841	1,942	307	1,549	6,446	171	6,617
Minnesota.....	4,056	2,384	6,440	857	577	1,434	3,727	198	3,925
Mississippi.....	1,755	1,491	3,246	113	11	124	837	.....	837
Missouri.....	3,928	5,324	9,252	148	2,710	2,858	7,109	45	7,154
Montana.....	1,250	0	1,250	62	0	62	535	.....	535
Nebraska.....	3,627	2,233	5,860	440	371	811	3,670	89	3,659
Nevada.....	324	0	324	0	0	0	.....	.....	.....
New Hampshire.....	558	1,094	1,652	0	43	43	274	.....	274
New Jersey.....	0	2,251	2,251	0	525	525	2,222	196	2,418
New Mexico.....	280	0	280	0	0	0	1,826	.....	1,826
New York.....	6,955	25,529	32,484	0	8,563	8,563	6,397	.....	6,397
North Carolina.....	1,273	3,042	4,315	140	196	336	3,430	325	3,755
North Dakota.....	1,027	775	1,802	94	0	94	1,870	.....	1,870
Ohio.....	9,665	9,631	19,296	731	1,710	2,441	2,803	324	3,127
Oklahoma.....	2,130	770	2,920	212	112	324	8,433	.....	8,433
Oregon.....	2,843	1,090	3,933	136	526	662	890	85	975
Pennsylvania.....	2,180	21,639	23,819	0	4,364	4,364	7,416	193	7,609
Rhode Island.....	243	937	1,180	0	0	0	481	.....	481
South Carolina.....	1,536	2,340	3,876	43	20	63	2,917	.....	2,917
South Dakota.....	917	1,251	2,168	111	0	111	2,504	157	2,661
Tennessee.....	664	3,772	4,436	179	849	1,028	1,214	260	1,474
Texas.....	3,002	4,342	7,344	425	840	1,265	7,225	44	7,269
Utah.....	1,699	0	1,699	196	0	196	.....	.....	.....
Vermont.....	480	500	980	105	11	116	394	.....	394
Virginia.....	2,090	3,061	5,157	490	323	813	4,219	1,225	5,444
Washington.....	3,809	277	4,086	182	31	213	2,412	.....	2,412
West Virginia.....	818	439	1,257	85	0	85	1,768	152	1,920
Wisconsin.....	3,989	2,201	6,190	243	600	843	8,211	137	8,348
Wyoming.....	213	0	213	0	0	0	.....	.....	.....

TABLE 16.—Pupils and students of all grades in both public and private schools and colleges, 1918—PART III.

States.	Summary by grades.			Summary according to control.		Grand total.
	Elementary.	Secondary.	Higher.	Public.	Private.	
	17	18	19	20	21	
United States.....	20,376,739	2,137,226	473,495	21,110,640	1,876,800	22,987,440
Alabama.....	657,414	24,425	6,465	578,161	20,548	598,704
Arizona.....	66,411	5,019	1,419	69,392	3,457	72,849
Arkansas.....	452,500	12,963	2,519	463,227	4,645	467,912
California.....	489,663	132,016	19,596	614,778	20,497	641,275
Colorado.....	179,523	26,181	6,267	206,018	6,963	211,971
Connecticut.....	257,885	28,781	4,409	245,125	45,930	291,055
Delaware.....	36,484	3,055	333	37,470	2,902	40,372
Dist. Columbia.....	63,812	10,755	6,292	63,240	17,519	80,759
Florida.....	191,711	11,640	1,184	197,182	7,346	204,578
Georgia.....	649,510	45,285	7,365	693,558	18,602	702,160
Idaho.....	95,745	13,601	1,679	106,373	4,652	111,025
Illinois.....	1,181,407	123,215	39,701	1,192,127	242,306	1,434,523
Indiana.....	515,309	75,602	13,071	570,063	33,790	603,852
Iowa.....	503,129	59,519	14,247	537,937	38,656	576,595
Kansas.....	362,818	56,540	14,111	415,529	17,940	433,469
Kentucky.....	536,625	27,948	5,649	536,722	33,500	570,222
Louisiana.....	325,885	25,954	4,835	329,131	28,543	356,674
Maine.....	135,596	20,318	2,897	142,348	16,423	158,771
Maryland.....	246,029	17,519	7,221	237,776	32,993	270,769
Massachusetts.....	621,197	130,690	24,020	634,362	131,545	765,907
Michigan.....	656,256	90,664	17,007	670,073	83,854	753,927
Minnesota.....	401,590	58,467	12,399	498,131	34,329	532,460
Mississippi.....	515,367	31,499	4,297	543,461	9,692	553,043
Missouri.....	652,380	67,485	19,262	675,545	63,532	739,127
Montana.....	114,440	12,468	1,837	123,849	4,896	128,745
Nebraska.....	284,175	31,234	10,330	307,903	17,636	325,739
Nevada.....	13,131	1,530	324	14,842	143	14,985
New Hampshire.....	70,997	14,756	1,919	66,853	20,599	87,422
New Jersey.....	546,990	65,427	5,196	564,541	48,072	607,612
New Mexico.....	185,804	4,192	2,108	187,962	4,140	192,102
New York.....	1,714,910	191,456	47,474	1,963,579	270,260	1,953,839
North Carolina.....	634,623	24,106	8,406	639,063	28,047	667,140
North Dakota.....	161,209	12,554	5,706	171,400	6,129	177,529
Ohio.....	966,353	140,327	24,864	965,159	166,385	1,131,544
Oklahoma.....	524,227	36,851	11,677	562,745	10,010	572,755
Oregon.....	127,700	23,708	5,570	149,831	7,142	156,973
Pennsylvania.....	1,498,969	142,494	25,792	1,524,590	152,675	1,677,255
Rhode Island.....	99,811	9,885	1,661	92,568	18,779	111,367
South Carolina.....	392,097	11,084	6,856	398,963	11,674	410,637
South Dakota.....	128,841	14,387	4,940	142,068	6,062	148,106
Tennessee.....	579,775	36,644	7,038	598,403	30,054	623,457
Texas.....	1,007,430	112,061	16,478	1,110,857	25,612	1,134,999
Utah.....	102,423	14,444	1,895	112,153	7,009	119,162
Vermont.....	59,645	9,917	1,480	62,028	8,024	71,052
Virginia.....	459,992	34,905	11,404	487,943	18,248	506,191
Washington.....	292,772	26,895	6,711	299,490	8,888	307,378
West Virginia.....	203,500	17,555	2,262	219,815	4,502	224,317
Wisconsin.....	473,504	53,195	16,201	492,546	80,354	542,900
Wyoming.....	35,863	3,684	213	38,552	1,240	39,792

ENROLLMENT IN ELEMENTARY, SECONDARY, AND HIGHER EDUCATIONAL INSTITUTIONS.

In Tables 14, 15, and 16 the number of persons attending all elementary, secondary, and higher schools have been assembled from statistics contained in succeeding chapters. Certain significant percentages have been derived from these enrollment figures, as shown in Table 13. From this table it is seen that 88.6 per cent of all persons attending school are enrolled in the elementary schools, 9.3 per cent in the secondary schools, and 2.1 per cent in the higher institutions, such as universities, colleges, technological schools, professional schools, and normal schools. In Oregon 4.5 per cent of the whole number of pupils in school attendance are in higher institutions. The corresponding percentage for the District of Columbia is 7.4. On the proportion of secondary students California ranks first with 20.6 per cent.

In the elementary schools 92.8 per cent of the pupils are enrolled in the public schools. In the secondary schools 90.9 per cent of all students are registered in public schools. In higher institutions only 52.2 per cent of the students come under the influence of institutions under public control. From these relationships it is apparent that the private-school factor is most pronounced in our institutions of higher education. In the chapter on high schools the decreasing importance of private high schools has been pointed out. In the chapter on universities, colleges, and professional schools the relatively static nature of higher institutions under private control has been demonstrated over a period of years by means of an index curve showing comparative rates of increase.

It is significant to compare the States on the proportion of the total population enrolled in school. These percentages are shown numerically in Table 13 and magnitudinally in figure 9. It is seen from the diagram that Mississippi, North Carolina, and Tennessee have the largest percentages of the total population enrolled in the school. In preceding similar statistical reports of the Bureau of Education it has been shown that the proportion of children in the Southern States is exceedingly high. This fact means that an unusually large proportion of the population is of school age and is presumably attending school. These facts are suggested as a plausible explanation of the high ranking of these three States on this point. Nevada, with a comparatively large adult population, has relatively few children to attend school, and therefore ranks low on the chart. These facts suggest an explanation as to why Southern States usually take low rank when any attempt is made to rate the States. From this figure it is seen that 21.8 per cent of the population attends school at some time during the year, 19.4 per cent in the elementary schools, 2 per cent in the high schools, and 0.4 per cent in higher educational institutions.

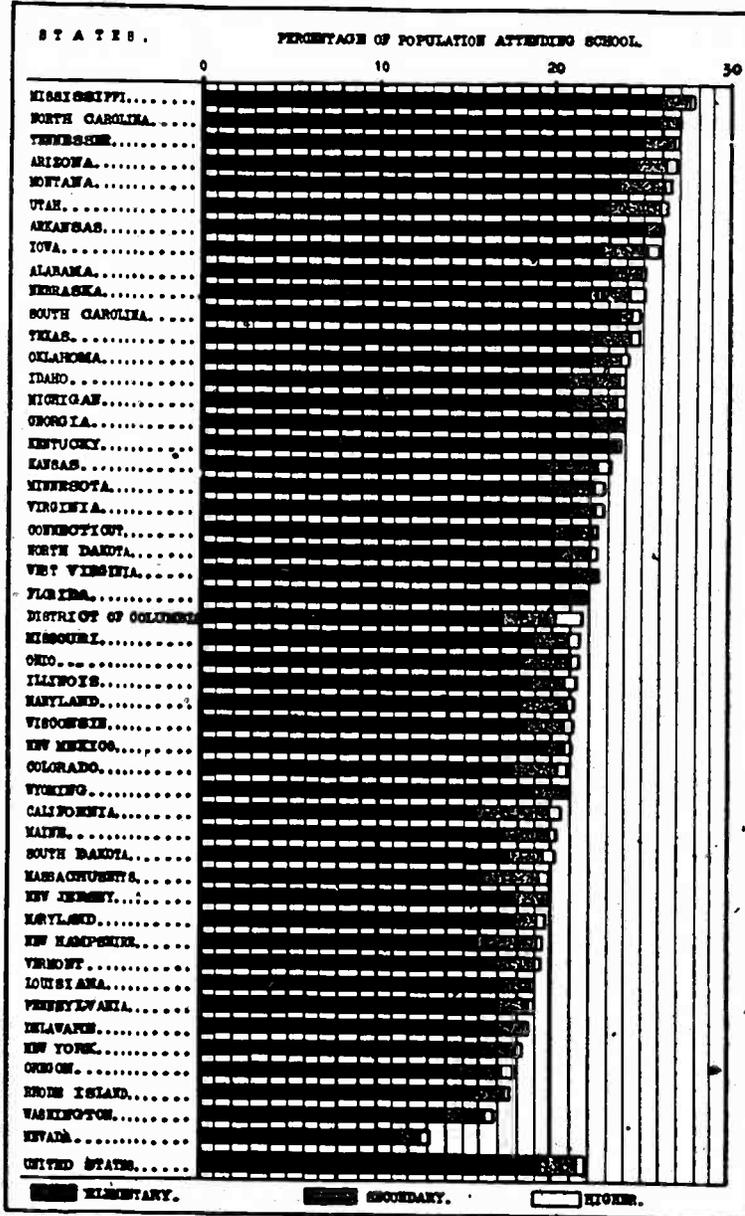


FIG. 9.—Percentage of total population enrolled in elementary schools, in secondary schools, and in higher educational institutions, 1917-18.

TABLE 17.—Miscellaneous percentages and relationships, appertaining to public and private kindergartens, combined, 1917-18.

States.	Estimated number of children 4 to 6 years of age.	Per cent of children of kindergarten age enrolled in kindergartens.	Average length of school term.	Average number of days attended by each pupil enrolled.	Number of days wasted.	Per cent of school term wasted.	Number of pupils to a teacher.
1	2	3	4	5	6	7	8
United States.	4,575,294	10.50	183	100	83	46.0	48
Alabama.....	139,263	1.02	185	97	88	47.6	32
Arizona.....	12,606	6.66	181	75	106	58.6	52
Arkansas.....	100,982	.19	163	128	35	21.4	38
California.....	89,552	31.70	180	87	93	50.8	43
Colorado.....	39,338	16.28	182	62	120	67.0	56
Connecticut.....	48,452	24.90	179	128	51	28.5	43
Delaware.....	8,159	3.57	177	103	73	40.9	49
Dist. of Columbia.....	11,651	33.62	174	02	82	47.0	26
Florida.....	46,434	2.06	168	100	68	40.4	27
Georgia.....	166,967	1.07	168	109	59	35.1	30
Idaho.....	21,465	.74	178	145	33	18.5	40
Illinois.....	238,898	19.94	181	90	91	50.2	80
Indiana.....	111,682	12.07	156	75	81	52.0	60
Iowa.....	104,215	9.56	176	107	69	39.2	37
Kansas.....	90,078	2.98	168	92	76	45.2	53
Kentucky.....	117,768	3.11	183	95	88	48.1	46
Louisiana.....	101,567	3.42	176	90	77	43.8	37
Maine.....	29,348	5.56	164	93	71	43.2	37
Maryland.....	57,946	3.46	174	99	75	43.0	26
Massachusetts.....	133,428	16.14	180	107	73	40.6	33
Michigan.....	126,766	28.22	185	102	83	45.0	50
Minnesota.....	91,089	14.35	184	115	69	37.5	43
Mississippi.....	119,481	.89	174	95	79	45.4	30
Missouri.....	118,621	11.45	195	124	71	36.5	43
Montana.....	17,617	7.32	178	94	84	47.1	61
Nebraska.....	55,367	11.72	179	128	51	28.5	34
Nevada.....	3,155	9.45	176	108	68	38.6	42
New Hampshire.....	15,177	8.12	174	117	57	32.8	23
New Jersey.....	121,519	29.67	187	109	78	40.8	54
New Mexico.....	23,574	1.12	178	120	58	32.6	44
New York.....	369,824	29.70	185	96	99	53.6	56
North Carolina.....	136,806	.45	184	137	47	25.6	24
North Dakota.....	41,018	.53	184	142	42	22.8	24
Ohio.....	198,329	13.73	185	118	67	36.2	47
Oklahoma.....	132,286	2.15	176	102	74	42.0	66
Oregon.....	28,263	1.80	191	80	111	58.0	64
Pennsylvania.....	375,250	6.51	191	110	81	42.4	37
Rhode Island.....	23,065	22.62	169	85	84	49.8	47
South Carolina.....	100,900	.56	171	99	72	42.0	51
South Dakota.....	33,901	2.71	170	107	63	37.0	44
Tennessee.....	121,750	.27	173	131	42	24.3	27
Texas.....	242,273	1.65	176	85	91	51.8	54
Utah.....	23,854	1.48	175	115	60	24.2	27
Vermont.....	13,683	2.69	166	113	53	32.9	20
Virginia.....	114,937	1.80	176	91	85	48.4	37
Washington.....	57,833	2.88	181	100	81	44.8	54
West Virginia.....	68,881	.32	202	154	48	23.8	32
Wisconsin.....	103,228	23.56	183	120	73	37.8	43
Wyoming.....	7,108	1.28	177	119	58	32.8	31

TABLE 18.—Statistics of public and private kindergartens, 1917-18.

States.	Supervi- sors.	Teachers.	Pupils.	Aggregate attendance.	Average daily at- tendance.
1	2	3	4	5	6
United States	404	10,064	479,989	47,778,970	260,782
Alabama	3	44	1,420	137,418	743
Arizona		16	839	62,676	347
Arkansas	1	5	192	24,519	150
California	11	656	28,433	2,472,184	13,723
Colorado	3	115	6,409	397,916	2,191
Connecticut	13	277	12,046	1,537,228	8,565
Delaware	4	6	291	29,870	169
Dist. Columbia	3	160	4,151	381,564	2,221
Florida	5	35	957	96,173	574
Georgia	10	60	1,791	105,081	1,163
Idaho	2	4	158	22,832	128
Illinois	34	597	47,508	4,259,517	23,501
Indiana	18	226	13,484	1,015,625	6,507
Iowa	9	272	9,961	1,066,557	6,072
Kansas	4	45	2,388	230,263	1,509
Kentucky	7	80	3,663	349,018	1,906
Louisiana	7	95	3,477	344,708	1,958
Maine	2	44	1,633	151,601	923
Maryland	4	76	2,006	198,689	1,143
Massachusetts	24	657	21,522	2,294,035	12,753
Michigan	26	719	35,776	3,640,549	19,704
Minnesota	12	304	13,071	1,508,593	8,190
Mississippi	4	35	1,062	100,624	579
Missouri	12	400	17,018	2,103,420	10,801
Montana	3	21	1,288	121,611	682
Nebraska	7	190	6,493	827,891	4,600
Nevada	7	7	298	32,216	183
New Hampshire	1	53	1,232	143,584	827
New Jersey	16	660	35,323	3,846,872	20,559
New Mexico	0	6	263	31,450	177
New York	63	1,959	109,872	9,430,319	50,930
North Carolina	2	26	812	81,807	457
North Dakota	2	9	219	31,161	169
Ohio	17	583	27,210	3,220,363	17,385
Oklahoma	3	43	2,842	288,541	1,644
Oregon		8	509	40,492	212
Pennsylvania	26	662	24,396	2,682,785	14,031
Rhode Island	5	110	5,223	444,429	2,626
South Carolina	5	11	566	53,826	327
South Dakota	2	21	917	98,024	577
Tennessee		12	327	42,978	249
Texas	7	74	3,990	337,756	1,918
Utah		15	354	40,606	232
Vermont		18	368	41,666	251
Virginia	11	56	2,072	188,181	1,071
Washington	2	31	1,664	167,113	923
West Virginia	2	7	221	34,009	168
Wisconsin	18	560	24,322	2,925,607	15,194
Wyoming	3	3	91	10,793	61

TABLE 19.—Kindergartens in cities of 2,500 population and over, 1917-18.

States.	Cities reporting.	Supervisors.	Teachers.	Pupils.	Aggregate attendance.	Average daily attendance.
1	2	3	4	5	6	7
United States.....	529	76	8,257	412,239	40,716,918	320,991
Alabama.....	3	1	24	709	54,261	325
Arizona.....	3		14	720	48,993	273
Arkansas.....						
California.....	37	3	575	25,522	2,179,756	11,996
Colorado.....	6	1	108	6,145	367,494	2,016
Connecticut.....	24	3	235	10,513	1,312,350	7,317
Delaware.....						
Dist. Columbia.....	1	2	157	4,080	377,684	2,153
Florida.....	4	2	13	282	32,804	206
Georgia.....	3	1	28	829	91,999	553
Idaho.....						
Illinois.....	21	2	453	42,929	3,762,446	20,673
Indiana.....	23	4	167	8,328	898,390	4,738
Iowa.....	21	1	194	7,675	768,375	4,336
Kansas.....	9		36	2,018	165,690	1,022
Kentucky.....	5	1	67	3,226	300,968	1,627
Louisiana.....	3	1	91	3,212	307,624	1,746
Maine.....	6		37	1,444	136,849	799
Maryland.....	1		47	1,264	117,705	665
Massachusetts.....	30	5	604	19,951	2,063,107	11,749
Michigan.....	54	14	586	30,033	2,972,581	16,164
Minnesota.....	11	2	245	10,823	1,249,570	6,788
Mississippi.....	5	1	26	817	69,174	390
Missouri.....	4	2	368	15,844	1,945,209	10,014
Montana.....	4	1	18	1,161	106,572	597
Nebraska.....	8	2	123	4,616	570,711	3,134
Nevada.....	1		4	221	21,765	125
New Hampshire.....	6		48	1,114	131,338	760
New Jersey.....	47		585	32,723	3,545,907	18,917
New Mexico.....	1		1	66	5,045	28
New York.....	67	9	1,623	97,277	8,278,327	44,819
North Carolina.....	1		13	248	37,886	199
North Dakota.....	1		1	49	6,300	33
Ohio.....	23	3	393	20,805	2,603,616	13,723
Oklahoma.....	1	1	33	2,535	251,957	1,436
Oregon.....	1		8	509	40,492	212
Pennsylvania.....	20	5	588	22,141	2,419,213	12,450
Rhode Island.....	5	1	100	4,864	393,273	2,340
South Carolina.....	1		1	45	5,220	30
South Dakota.....	4		14	514	61,035	351
Tennessee.....	1		6	90	12,018	77
Texas.....	13	2	61	3,572	289,469	1,647
Utah.....	2		13	354	40,608	232
Vermont.....	3		14	263	32,725	192
Virginia.....	2	2	22	962	107,566	596
Washington.....	3		22	1,348	138,444	758
West Virginia.....						
Wisconsin.....	50	4	451	20,289	2,464,411	12,633
Wyoming.....						

TABLE 20.—Statistics of kindergarten in villages having less than 2,500 population, 1917-18.

States.	Number of villages reporting.	Super- visors.	Teachers.	Pupils.	Aggregate attend- ance.	Average daily at- tendance.
1	2	3	4	5	6	7
United States.....	492	1	587	21,138	2,612,200	14,438
Alabama.....						
Arizona.....	2		2	119	15,093	74
Arkansas.....	3		3	157	19,920	122
California.....	45		57	2,037	265,452	1,212
Colorado.....						
Connecticut.....	3		3	136	17,062	86
Delaware.....						
Dist. Columbia.....						
Florida.....	4		4	152	18,758	123
Georgia.....	1		1	26	3,222	18
Idaho.....	2		2	91	13,512	78
Illinois.....	9		17	425	46,880	270
Indiana.....	1		1	17	1,600	10
Iowa.....	59		61	1,871	232,228	1,387
Kansas.....	4		4	159	20,507	116
Kentucky.....						
Louisiana.....	4		4	205	37,064	212
Maine.....						
Maryland.....						
Massachusetts.....	1		1	30	3,080	18
Michigan.....	91		110	4,105	508,214	2,988
Minnesota.....	21	1	39	1,507	188,010	1,027
Mississippi.....	5		6	144	18,610	118
Missouri.....	6		7	271	32,980	188
Montana.....						
Nebraska.....	58		61	1,745	239,433	1,328
Nevada.....	3		3	77	10,481	68
New Hampshire.....	1		2	15	3,243	21
New Jersey.....	40		47	1,912	214,140	1,164
New Mexico.....	3		3	170	22,805	129
New York.....	26		40	1,549	180,886	938
North Carolina.....	1		1	40	5,130	32
North Dakota.....	5		5	106	15,185	86
Ohio.....	3		4	181	17,064	98
Oklahoma.....	6		6	210	26,108	149
Oregon.....						
Pennsylvania.....	3		4	202	28,900	225
Rhode Island.....	1		1	18	3,928	16
South Carolina.....						
South Dakota.....	1		1	66	5,400	30
Tennessee.....	1		1	98	13,500	78
Texas.....						
Utah.....						
Vermont.....	1		1	36	4,060	25
Virginia.....						
Washington.....	2	4	2	87	7,700	44
West Virginia.....	1		2	75	8,400	50
Wisconsin.....	72		78	2,990	345,741	1,925
Wyoming.....	3		3	91	10,793	61

TABLE 21.—Statistics of public kindergartens in cities and villages, 1917-18.

States.	Cities and villages reporting.	Super-visors.	Teachers.	Pupils.	Aggregate attendance.	Average daily attendance.
1	2	3	4	5	6	7
United States.....	1,031	77	8,844	433,377	43,329,118	235,329
Alabama.....	3	1	24	709	54,261	325
Arizona.....	5		16	839	62,676	317
Arkansas.....	3		3	157	19,920	122
California.....	82	3	632	27,559	2,385,188	13,208
Colorado.....	6	1	108	6,145	367,494	2,016
Connecticut.....	27	3	238	10,649	1,330,012	7,412
Delaware.....						
Dist. Columbia.....	1	2	157	4,089	377,684	2,183
Florida.....	8	2	17	434	51,568	329
Georgia.....	1	1	29	855	95,221	571
Idaho.....	2		2	91	13,512	78
Illinois.....	30	2	510	43,354	3,809,426	20,943
Indiana.....	21	4	168	8,315	886,980	4,718
Iowa.....	40	1	255	9,176	1,020,603	5,723
Kansas.....	13		40	2,177	186,247	1,138
Kentucky.....	5	1	67	3,226	300,968	1,427
Louisiana.....	7	1	95	3,477	341,708	1,958
Maine.....	6		37	1,444	136,849	789
Maryland.....	47		47	1,264	117,705	665
Massachusetts.....	31	5	605	19,981	2,086,167	11,767
Michigan.....	145	14	666	31,138	3,538,785	19,122
Minnesota.....	32	3	284	12,430	1,437,580	7,815
Mississippi.....	10	1	32	965	87,784	508
Missouri.....	10	2	375	16,115	1,978,189	10,200
Montana.....	4	1	18	1,161	106,572	597
Nebraska.....	66	2	184	6,361	810,164	4,512
Nevada.....	4		7	298	32,216	183
New Hampshire.....	7		50	1,149	135,181	781
New Jersey.....	87		632	34,635	3,760,047	20,081
New Mexico.....	4		1	236	27,850	157
New York.....	93	9	1,663	98,826	8,438,923	45,677
North Carolina.....	2		14	288	43,006	231
North Dakota.....	6		6	154	21,485	121
Ohio.....	26	3	397	20,896	2,521,280	13,821
Oklahoma.....	7	1	39	2,745	278,065	1,585
Oregon.....	1		8	509	40,492	212
Pennsylvania.....	23	5	592	22,403	2,458,113	12,675
Rhode Island.....	6	1	101	4,882	396,201	2,356
South Carolina.....	1		1	45	5,220	30
South Dakota.....	5		15	580	66,435	381
Tennessee.....	2		7	183	25,518	152
Texas.....	13	2	61	3,572	289,469	1,647
Utah.....	2		13	354	40,606	232
Vermont.....	4		15	299	36,775	217
Virginia.....	2	2	22	962	107,566	506
Washington.....	5		24	1,435	146,144	802
West Virginia.....	1		2	75	8,400	60
Wisconsin.....	122	4	529	23,279	2,810,156	14,556
Wyoming.....	3		3	91	10,793	61

TABLE 22.—Statistics of private kindergartens, 1917-18.

States.	Number of kindergartens.	Super-visors.	Teachers.	Pupils.	Aggregate attendance.	Average daily at-tendance.
1	2	3	4	5	6	7
United States.....	800	327	1,217	46,612	4,449,852	25,453
Alabama.....	11	2	20	711	83,157	418
Arizona.....						
Arkansas.....	2	1	2	35	4,599	28
California.....	16	8	34	874	86,808	545
Colorado.....	6	2	7	264	30,422	175
Connecticut.....	27	10	39	1,397	207,216	1,153
Delaware.....	8	4	6	281	29,870	189
Dist. Columbia.....	2	1	3	62	5,880	38
Florida.....	9	3	18	522	44,610	245
Georgia.....	22	9	31	936	99,980	592
Idaho.....	2	2	2	67	9,320	50
Illinois.....	60	32	87	4,214	460,191	2,566
Indiana.....	53	14	58	5,139	115,635	1,739
Iowa.....	15	8	17	485	46,964	349
Kansas.....	4	4	5	211	34,046	171
Kentucky.....	10	6	13	437	48,070	279
Louisiana.....						
Maine.....	6	2	7	189	14,842	124
Maryland.....	16	4	29	743	80,964	478
Massachusetts.....	33	19	52	1,541	197,968	986
Michigan.....	19	12	23	1,633	101,754	592
Minnesota.....	15	9	20	641	69,013	375
Mississippi.....	4	3	3	97	12,840	71
Missouri.....	22	10	26	903	125,231	681
Montana.....	3	2	3	127	15,039	65
Nebraska.....	5	5	6	132	17,727	97
Nevada.....						
New Hampshire.....	2	1	3	83	8,403	46
New Jersey.....	26	16	28	688	86,625	478
New Mexico.....	1	0	2	77	3,000	20
New York.....	213	54	296	11,046	991,396	5,253
North Carolina.....	8	2	12	325	40,391	226
North Dakota.....	2	2	3	65	9,676	48
Ohio.....	113	14	186	6,274	699,088	3,564
Oklahoma.....	4	2	4	97	10,476	89
Oregon.....						
Pennsylvania.....	52	21	60	1,900	224,672	1,256
Rhode Island.....	6	4	9	341	48,228	370
South Carolina.....	10	5	10	521	59,806	297
South Dakota.....	4	2	6	337	31,589	196
Tennessee.....	5	0	5	144	17,469	97
Texas.....	10	5	12	418	46,287	271
Utah.....						
Vermont.....	2	0	3	69	4,891	34
Virginia.....	20	9	34	1,110	80,615	475
Washington.....	9	2	7	229	20,969	121
West Virginia.....	7	2	5	146	25,609	108
Wisconsin.....	26	14	31	1,043	115,452	698
Wyoming.....						

KINDERGARTENS.

The statistics of all kindergartens reporting to the Bureau of Education have been summarized in Tables 17-22, inclusive. The statistics of all kindergartens in cities of 2,500 population and over were collected with other city school statistics and have been shown in detail for cities of 10,000 population and over in the chapter on city school systems. The public school kindergarten statistics in villages, i. e., in places having a population less than 2,500 in 1910, are not shown in detail in this report. Only the summary is shown herewith. The statistics of private kindergartens have not been printed in detail in the report. Table 22 presents the summary of these 890 reports.

In figure 10 the percentage of children of kindergarten age who are enrolled in kindergartens has been pictured by States. It has been assumed that the total number of children 4 and 5 years of age, inclusive, in the various States represents the number of children of kindergarten age. In the diagram it is seen that the District of Columbia ranks first, with over 35 per cent of its children of these ages in kindergartens. A revision of the census estimates in 1920 will undoubtedly show that this proportion is too high. California, New York, and New Jersey come next in the order named. In eight States over one-fifth of these children are in kindergartens. In the whole country only 10.5 per cent of the children of these ages are enrolled in kindergartens.

Figure 11 shows the average length of the school term in public and private kindergartens, combined. Remarkable uniformity prevails in the length of the kindergarten school term. The average term is 183 days. In all States, but one, the average exceeds 160 days. This uniformity in the length of the school term seems to imply that kindergartens are characteristic of cities rather than of rural districts, which often have a relatively short school term.

The great waste of the school term in kindergartens is appalling to the uninitiated. As shown in figure 12, in eight States the children attend less than one-half the school term provided. In nearly all the States the loss is over 30 per cent. The average for all States is 46 per cent. Several reasons account for this apparently great waste. Oftentimes all city school buildings for elementary schools do not have kindergartens. This lack of kindergarten facilities means that the children who do not attend are often obliged to go longer distances to school than such small children should go. The distance factor, therefore, operates to reduce attendance. During these early years the child comes into contact with many communicable children's diseases when at school. His previous home life has been more or less restricted, but now he is exposed to any disease brought to school. The loss of a few weeks through sickness may mean that

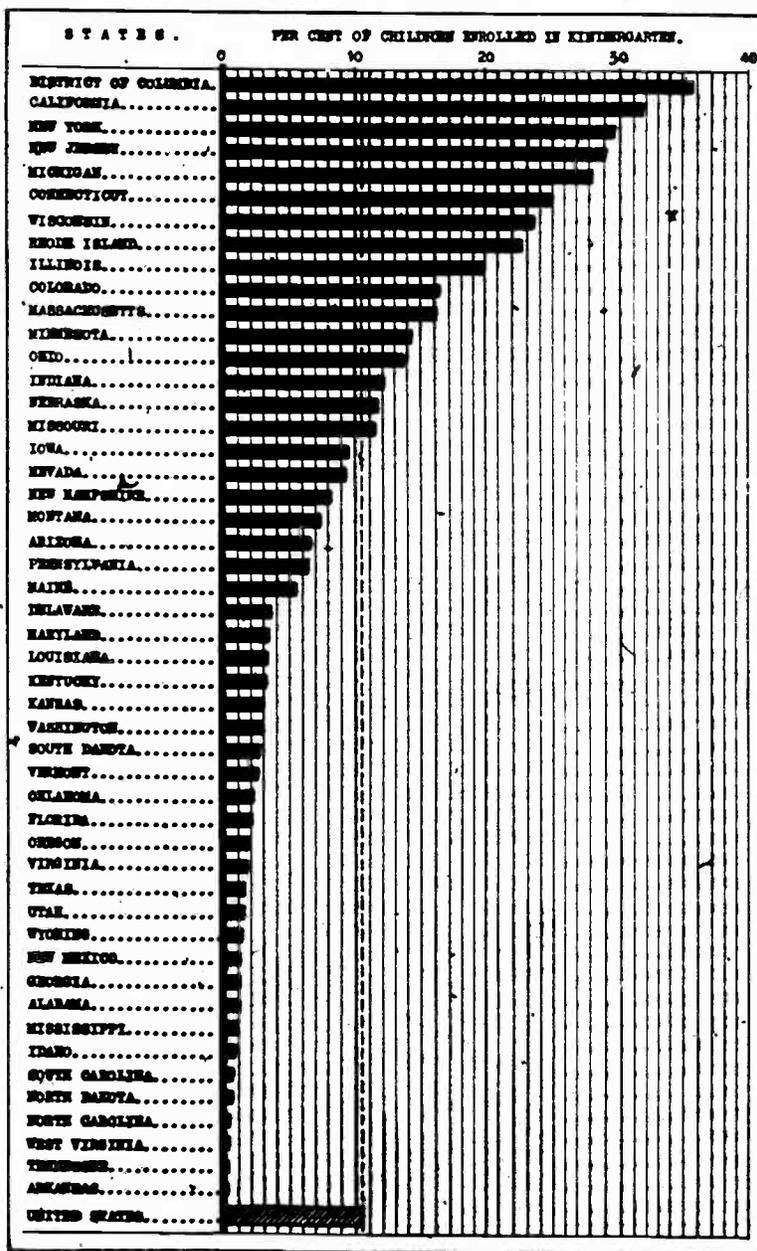


FIG. 10.—Percentage of children of kindergarten age enrolled in kindergarten, 1917-18.

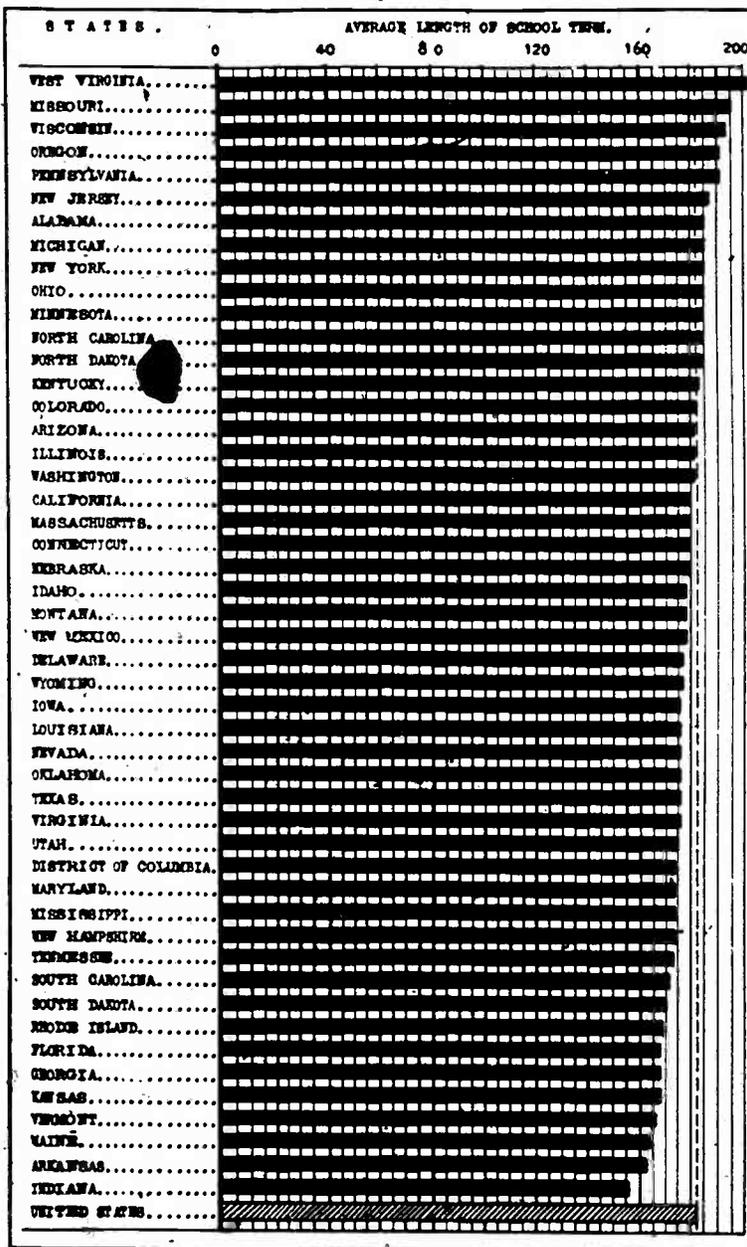


FIG. 11.—Average length of the kindergarten school term, 1917-18.

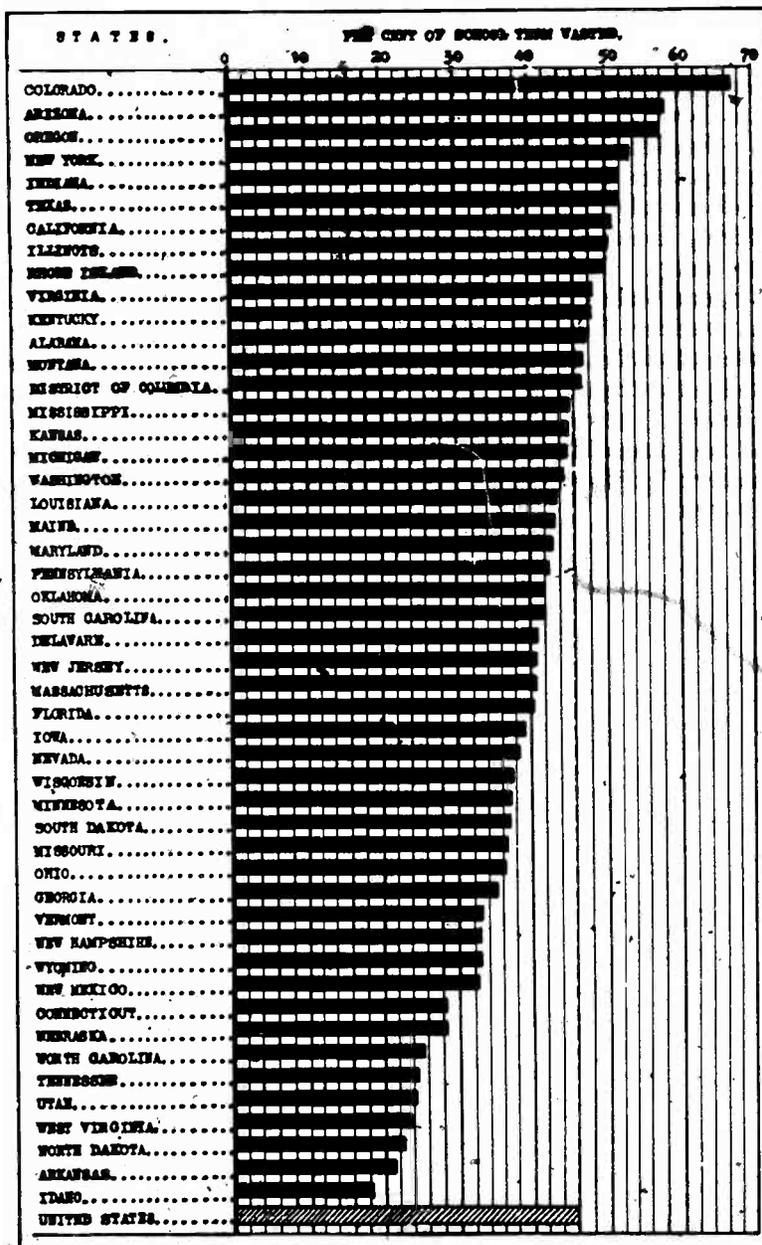


FIG. 12.—Percentage of the kindergarten school term wasted by irregular attendance, 1917-18.

the child will not return to school again that year. At this early age no compulsory attendance law operates to bring the child back to school. In view of these reasons, a high degree of regularity of attendance is not to be expected of such small children.

As shown in Table 17, the average number of pupils to a teacher is 48. Considering the fact that 46 per cent of the children enrolled in kindergartens do not attend, it is found that the average number of pupils actually present each day to each teacher is only 22. It is evident, therefore, that the teaching load in kindergartens is not very heavy. Considerable variation from the general average prevails, one State (Illinois) having as many as 80 pupils to a teacher, and another (Vermont) having only 20. In considering kindergarten statistics, it should be observed that in States having very small percentages of pupils in kindergartens, the averages, as shown in Table 17, often exhibit characteristics of a few individual schools and not generalities. Due regard should, therefore, be given to the number of pupils enrolled in kindergartens in judging the percentages as shown.