

DEPARTMENT OF THE INTERIOR  
BUREAU OF EDUCATION

BULLETIN, 1919, No. 90

BIENNIAL SURVEY OF  
EDUCATION

1916-18

IN FOUR VOLUMES

VOL. III



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1921

THE UNITED STATES  
BUREAU OF EDUCATION.

*Created as a Department March 2, 1867.*

*Made an office of the Interior Department July 1, 1869.*

---

COMMISSIONERS.

---

HENRY BARNARD, LL. D.,  
*March 14, 1867, to March 15, 1870.*

JOHN EATON, PH. D., LL. D.,  
*March 16, 1870, to August 5, 1886.*

NATHANIEL H. R. DAWSON, L. H. D.,  
*August 6, 1886, to September 3, 1889.*

WILLIAM T. HARRIS, PH. D., LL. D.,  
*September 12, 1889, to June 30, 1906.*

ELMER ELLSWORTH BROWN, PH. D., LL. D.,  
*July 1, 1906, to June 30, 1911.*

PHILANDER PRIESTLEY CLAXTON, LITT. D., LL. D.,  
*July 8, 1911, to June 1, 1921.*

JOHN JAMES TIGERT, M. A. (OXON), LL. D.,  
*June 2, 1921, to date.*

255353  
MAY -5 1922

IK 83  
UN 3  
B  
1919

L  
111  
AG  
1919  
90

90 CONTENTS OF VOLUME III.

CHAPTER I.—STATISTICAL SURVEY OF EDUCATION, 1917-19.		Page.
Table 1.—School and college enrollment in 1918.....		8
Table 2.—School enrollment and estimated cost in 1918.....		9
Table 3.—Distribution of teachers for four periods.....		10
Table 4.—Gifts and bequests to education, 1912-1918.....		11
Table 5.—Gifts and bequests to education from 1871 to 1918.....		11
Table 6.—Average number of days of school attended by each person who became 21 years of age in 1918.....		13
Table 7.—Comparative statistics of enrollment and attendance of pupils in city and in rural schools.....		27
Table 8.—School term in rural and city schools.....		29
Table 9.—Comparative summary of number of teachers employed in city and in rural schools.....		30
Table 10.—School property in city and rural schools.....		31
Table 11.—Summary of elementary and secondary school expenditures.....		32
Table 12.—Per capita cost of education.....		34
Table 13.—Distribution of pupils and students of all grades in schools and colleges.....		36
Tables 14 to 16.—Pupils and students of all grades in schools and colleges, 1918.....		37
Table 17.—Miscellaneous relationships in public and private kindergartens combined.....		42
Table 18.—Statistics of public and private kindergartens.....		43
Table 19.—Kindergartens in cities of 2,500 population and over.....		44
Table 20.—Kindergartens in villages having less than 2,500 population.....		45
Table 21.—Public kindergartens in cities and villages.....		46
Table 22.—Private kindergartens.....		47
CHAPTER II.—STATE SCHOOL SYSTEMS, 1917-19.		
Table 1.—Review of statistics of elementary and secondary schools, 1870-1918.....		54
Table 2.—Enrollment, by grades, in 23 States.....		60
Table 3.—Enrollment of white pupils, by grades, in 23 States.....		70
Table 4.—Enrollment of colored pupils, by grades, in eight States.....		70
Table 5.—Enrollment in 23 States according to year of advancement.....		73
Table 6.—Enrollment of pupils by sex and according to year of advancement.....		74
Table 7.—Enrollment of pupils by year of advancement, to show the effect of kindergartens on first-grade enrollment.....		76
Table 8.—Data used in computing school mortality in public schools.....		78
Tables 9 and 10.—Method used in computing school survival percentages.....		80
Table 11.—Population and deaths in the registration area of persons 5-18.....		81
Table 12.—Number and percentage of children of the various ages in school, 1910.....		83
Table 13.—Distribution of pupils enrolled in schools in eight States, according to length of school term.....		85
Table 14.—Attendance and length of school term in eight States, according to length of school term.....		87
Table 15.—Attendance of pupils in seven States, distributed according to length of school term.....		87
Table 16.—Statistics of common schools in the South.....		126
Table 17.—School term and school attendance in the South.....		126
Table 18.—State laws relating to school attendance—School census age and age for free attendance.....		128
Table 19.—Truant officers—Conditions of exemption from attendance.....		141
Table 20.—Total population and school population.....		143
Table 21.—Per cent of total population and of school population enrolled in school.....		144
Table 22.—Analysis of population and per cent of illiterates.....		145
Table 23.—Pupils enrolled, excluding duplicates.....		146
Table 24.—Pupils enrolled in private and parochial schools.....		148
Table 25.—Pupils enrolled in public elementary and secondary schools at different periods.....		149
Table 26.—Average daily attendance and aggregate number of days attended.....		150
Table 27.—Average daily attendance at different dates.....		151
Table 28.—Enrollment by grades in kindergartens and first to fourth grade.....		153

	Page,
Table 29.—Enrollment of pupils by grades in fifth to ninth grade.....	153
Table 30.—Enrollment by grades in high schools.....	154
Table 31.—Enrollment in kindergartens and elementary grades and in secondary grades.....	155
Table 32.—Enrollment of colored pupils by grades in kindergartens and first to fourth grade.....	156
Table 33.—Enrollment of colored pupils by grades in fifth to eighth grade.....	157
Table 34.—Enrollment of colored pupils by grades in high schools in eight States.....	157
Table 35.—Enrollment of colored pupils in kindergartens and elementary grades and in secondary grades.....	157
Table 36.—School term and school attendance.....	158
Table 37.—Administrative officers, supervisors, and principals.....	160
Table 38.—Number and sex of teachers employed.....	162
Table 39.—Salaries of teachers and percentage of men teachers.....	164
Table 40.—Schools and school buildings.....	165
Table 41.—Value of public property used for school purposes.....	167
Table 42.—Permanent school funds and school lands.....	169
Table 43.—Indebtedness, sinking funds, and payments on indebtedness.....	170
Table 44.—Percentage analysis of receipts.....	172
Table 45.—Income from permanent school funds and leases of school lands.....	173
Table 46.—Income from appropriation and taxation.....	175
Table 47.—Income from Federal Government and from other sources.....	177
Table 48.—Nonrevenue receipts; grand total of all receipts.....	179
Table 49.—Percentage analysis of expenditures.....	181
Table 50.—Payments for general control, maintenance, and fixed charges.....	182
Table 51 a and b.—Payments for instruction.....	184
Table 52.—Payments for operation of school plant.....	188
Table 53 a and b.—Payments for auxiliary agencies.....	190
Table 54.—Capital outlays and new equipment.....	192
Table 55.—Recapitulation of payments for current expenses.....	194
Table 56.—Recapitulation of all expenditures.....	196
Table 57.—Miscellaneous percentages and relationships.....	196
Table 58.—Ad valorem taxes, 1912.....	200
Table 59.—Assessed value and school expenditure, 1902 and 1912.....	202
Table 60.—Wealth and school expenditure in 1912.....	203
Table 61.—Colored schools—Census and pupils enrolled.....	204
Table 62.—Colored schools—Attendance and teachers.....	205

## CHAPTER III.—CITY SCHOOL SYSTEM

Table 1.—Summary of school statistics for five groups of cities.....	208
Table 2.—Average number of pupils per teacher.....	215
Table 3.—Number of days the public schools were in session.....	217
Table 4.—Number of students per teacher in junior high schools.....	220
Table 5.—Percentage of pupils under age, of normal age, and over age.....	224
Table A.—Age-grade table, Dedham, Mass.....	227
Table B.—Age-grade table, Goshen, Ind.....	228
Table C.—Age-grade table, Donora, Pa.....	229
Table 6.—Pupils in 80 cities according to normal age, over age, and under age in 1908 and 1918.....	232
Table 7.—Pupils by ages in 80 cities in 1908 and 1918.....	238
Table 8.—Ratios between the number of advanced pupils and the total enrollment in 80 cities.....	242
Table 9.—Ratios between the number of pupils of normal age and the total enrollment.....	244
Table 10.—Ratios between retarded pupils and total enrollment in cities.....	246
Tables 11 and 12.—Ratios between retarded pupils and enrollment in cities of 25,000 population and over.....	248
Table 13.—Ratios between retarded pupils and enrollment.....	252
Table 14.—Distribution of 80 cities according to percentage of pupils under age.....	255
Tables 15 and 16.—Distribution of cities of 25,000 population and over according to the percentage of pupils under age.....	256
Table 17.—Distribution of 80 cities according to the percentage of pupils over age.....	257
Tables 18 and 19.—Distribution of cities of 25,000 population and over according to the percentage of pupils over age.....	257
Table 20.—Ratios between number pupils in first grade and in largest age group in 80 cities.....	263
Table 21.—Similar ratios for second grade.....	265
Table 22.—Similar ratios for third grade.....	266
Table 23.—Similar ratios for fourth grade.....	266
Table 24.—Similar ratios for fifth grade.....	268
Table 25.—Similar ratios for sixth grade.....	268
Table 26.—Similar ratios for seventh grade.....	269

CONTENTS.

	Page.
Table 27.—Similar ratios for eighth grade.....	271
Table 28.—Similar ratios for first year high school.....	271
Table 29.—Similar ratios for second year high school.....	272
Table 30.—Similar ratios for third year high school.....	274
Table 31.—Similar ratios for fourth year high school.....	275
Table 32.—Medium and average ratios between number of pupils in each grade and the average of the largest age groups.....	277
Table 33.—Survival percentages in 80 city school systems.....	287
Table 34.—Retardation and acceleration factors.....	288
Table 35.—Percentage of children of each age enrolled in public elementary and secondary schools in 80 cities.....	293
Table 36.—Enrollment of pupils by grades in 80 cities.....	296
Tables 37 and 38.—Grade populations of certain cities of 25,000 population and over.....	298
Tables 39 and 40.—Distribution by age of pupils in public schools in certain cities.....	302
Tables 41 and 42.—Pupils of normal age, of more than normal age, and of less than normal age for their respective grades.....	306
Tables 43 and 44.—Percentage of pupils of normal age, over normal age, and under normal age.....	310
Tables 45 and 46.—Pupils under age.....	312
Tables 47 and 48.—Percentage of pupils under age.....	314
Tables 49 and 50.—Percentage of pupils over age.....	315
Tables 51 and 52.—Pupils over age.....	316
Tables 53 and 54.—Percentage between the largest age group and the number in each grade.....	318
Table 55.—Distribution of cities according to value of school properties per pupil enrolled.....	322
Table 56.—Distribution of cities according to tax rate for all school purposes.....	326
Table 57.—Distribution of night schools as to average annual cost per student.....	332
Table 58.—Expenditure of 225 city school systems.....	336
Table 59.—Analysis of the current expenses per student in average daily attendance.....	342
Table 60.—Annual cost of instruction per pupil in average daily attendance; ratio of this average to general average.....	375
Table 61.—Average annual salaries of teachers.....	389
Table 62.—Combined summary of attendance, personnel, and school buildings for five groups of cities.....	398
Table 63.—Summary of attendance, personnel, number of schools, and school buildings.....	400
Table 64.—Percentage of enrolled pupils in average attendance; ratio of men teachers.....	410
Table 65.—Combined summary of personnel and number of public elementary schools.....	411
Table 66.—Summary of personnel and number of public elementary schools.....	413
Table 67.—Combined summary of personnel and number of public secondary schools for four groups of cities.....	419
Table 68.—Summary of personnel and number of public secondary schools.....	421
Table 69 (a).—Combined summary of public kindergartens, normal, vocational, and special schools for four groups of cities: (b) kindergartens.....	428
Table 70.—Summary of public kindergartens, normal, vocational, and special schools.....	431
Tables 71 and 72.—Health, recreation, transportation, truant officers, and junior high schools.....	438
Table 73.—Combined summary of public evening schools.....	449
Table 74.—Summary of public evening schools.....	451
Table 75.—Combined summary of receipts.....	460
Table 76.—Summary of receipts.....	462
Table 77.—Expenditure per capita for pupils in average attendance.....	470
Table 78.—Combined summary of current expenses, outlays, and other payments.....	472
Table 79.—Summary of current expenses, outlays, and other payments.....	474
Table 80.—Combined summary of expenses of instruction in public day schools.....	484
Table 81.—Summary of expenses of instruction in public day schools.....	488
Table 82.—Combined summary of taxation, bonds, sinking funds, expenses of debt service, and value of school properties.....	502
Table 83.—Summary of taxation, bonds, sinking funds, expenses of debt service, and value of school properties.....	506
Table 84.—Summary of census, personnel, and of day schools and school buildings.....	516
Table 85.—Personnel and number of kindergarten and elementary schools.....	536
Table 86.—Personnel and number of secondary, normal, vocational, and special schools.....	554
Table 87.—Average length of the school term in days.....	571
Table 88.—Miscellaneous statistics.....	581
Table 89.—Evening schools.....	591
Table 90.—Receipts.....	603
Table 91.—Expenses, outlays, and other payments.....	620
Table 92.—Expenses of instruction.....	640
Table 93.—Bonds, taxation, property value.....	660

## CHAPTER IV.—STATISTICS OF UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS, 1917-18.

	Page.
Table 1.—Review of statistics.	679
Table 2.—Collegiate and resident graduate students.	686
Table 3.—Method used in securing the data used in figure 2.	688
Table 4.—Institutions conferring the Ph. D. degree on examination.	698
Table 5.—College graduates receiving first degrees living at each decennial period, omitting those graduating prior to 1870.	699
Table 5.—Method employed in ascertaining survival percentages.	704
Table 7.—Benefactions.	711
Table 8.—Per cent of income.	718
Table 9.—Professors and instructors.	722
Table 10.—Students in public universities, colleges, and technological schools.	723
Table 11.—Students in private universities, colleges, and technological schools.	724
Table 12.—Distribution of preparatory, professional, and special students.	725
Table 13.—Students.	727
Table 14.—Undergraduate students.	728
Table 15.—Students pursuing certain professional courses.	729
Table 16.—Students in engineering courses.	730
Table 17.—Students in summer school, short winter course, extension courses, and correspondence courses.	731
Table 18.—Number of first degrees conferred on men.	732
Table 19.—Graduate degrees conferred on men.	733
Table 20.—Degrees conferred on women.	734
Table 21.—Degrees conferred on men and on women in certain professional courses.	735
Table 22.—Honorary degrees.	736
Table 23.—Summary of degrees conferred.	737
Table 24.—Property—Fellowships and scholarships.	738
Table 25.—Income.	739
Table 26.—Receipts.	741
Table 27.—Instructors, students, and graduates.	743
Table 28.—Property, fellowships and scholarships, fees.	854
Table 29.—Receipts from all sources.	875

## CHAPTER I.

### STATISTICAL SURVEY OF EDUCATION, 1917-1918.

This volume was prepared under the supervision of H. R. BONNER, Specialist in Educational Statistics.

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).....	18,486,318	1,457,044	19,943,362
Secondary (high schools and academies).....	1,925,473	158,745	2,084,218
Elementary and secondary (including kindergartens): <sup>1</sup>			
City schools.....	8,586,601		
Rural schools.....	12,254,567		
Secondary (preparatory departments of higher institutions).....	10,100	34,580	44,680
Universities and colleges.....	112,046	178,060	290,106
Professional schools.....	9,771	39,882	48,653
Normal schools:			
State schools.....	120,157		
City and county schools.....	8,348	9,569	138,074
Total for the above.....	21,105,590	1,923,472	23,029,062
City evening schools.....	585,413		585,413
Business schools:			
Day schools.....		182,614	182,614
Night schools.....		106,965	289,579
Reform schools.....			51,837
Schools for the deaf:			
State schools.....	12,170		12,170
City schools.....	2,482	644	12,814
Schools for the blind.....	5,749		5,749
Schools for the feeble-minded:			
State schools.....	16,535		16,535
City schools.....	18,133	617	17,152
Government Indian schools.....	28,521		28,521
Schools in Alaska supported by the Government.....	3,635		3,635
Other public schools in Alaska.....	3,337		3,337
Total for special schools.....	707,297	290,840	998,137
Total for all schools in United States <sup>2</sup> .....	21,812,887	2,214,312	24,027,199

<sup>1</sup> Not included in total because of duplication in other items.

<sup>2</sup> Includes 8,000 students duplicated in universities, colleges, and professional schools.

<sup>3</sup> Does not include 11,825 inmates not in school classes.

<sup>4</sup> 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).....	18,919,695	\$31.68	\$599,363,093
Public high schools.....	1,925,473	84.59	162,875,761
Private elementary schools (including kindergartens).....	1,503,436	36.57	54,988,700
Private high schools.....	156,745	214.34	34,025,276
Elementary and secondary schools: <sup>1</sup>			
City schools.....	8,566,601	47.78	410,142,715
Rural schools.....	12,258,567	28.85	353,679,239
Universities and colleges: <sup>2</sup>			
Public.....	129,006	505.95	65,315,884
Private.....	246,263	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.....	9,569	159.52	1,526,405
Commercial and business schools.....	289,579	84.55	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.....	* 2,482	195.00	483,980
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.....	28,921	116.69	3,328,115
Schools in Alaska supported by the Government.....	3,435	57.22	206,000
Other public schools in Alaska.....	3,337	81.78	272,905
Total.....	23,134,726	45.23	1,059,934,803

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

TABLE 3.—Distribution of teachers for four periods.

Teachers in—	1890.			1900.			1910.			1918.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Public elementary schools.....	121,877	212,925	334,802	116,419	256,274	372,693	91,591	389,952	481,543	75,448	486,736	562,184
Public high schools.....	3,818	5,472	9,290	10,172	10,200	20,372	18,890	21,177	41,067	28,483	54,517	84,010
Private elementary schools (estimated).....	6,907	15,190	22,097	6,648	19,698	26,346	5,171	29,572	34,743	6,181	37,972	44,153
Private high schools.....	3,272	3,937	7,209	4,275	5,842	10,117	4,512	6,634	11,146	5,411	8,788	14,199
Universities and colleges.....	5,080	1,083	6,163	2,433	1,008	3,441	2,716	1,216	3,932	1,804	1,223	3,027
Preparatory departments.....	395	1,700	2,095	703	1,734	2,437	624	1,549	2,173	1,804	4,960	23,318
Collegiate departments.....	744	.....	744	.....	.....	.....	91	525	616	.....	.....	( )
Professional schools:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	( )
Theology.....	340	.....	340	.....	.....	.....	.....	.....	.....	.....	.....	.....
Law.....	2,851	.....	2,851	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine.....	183	.....	183	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dentistry.....	93	.....	93	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pharmacy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Veterinary medicine.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Normal schools, public:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Normal department.....	1,182	.....	1,182	915	1,236	2,151	1,105	2,080	3,185	2,789	4,815	7,614
Other departments.....	227	.....	227	133	611	744	587	1,042	1,629	.....	.....	.....
Normal schools, private:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Normal department.....	274	.....	274	535	382	917	235	320	555	367	571	938
Other departments.....	1,133	.....	1,133	1,413	283	1,696	218	277	495	2,310	2,930	5,240
Commercial and business schools.....	564	.....	564	813	1,650	2,463	1,134	2,332	3,466	1,163	2,714	3,879
Schools for defectives and delinquents.....	644	.....	644	1,119	1,793	2,912	1,702	2,458	4,160	3,350	577	927
Indian and Alaskan schools.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kindergartens:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Public.....	1,050	4,950	6,000	1,350	7,150	8,500	1,540	8,000	9,500	.....	8,844	8,844
Private.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,217	1,217
Miscellaneous (music, art, etc.) <sup>1</sup> .....	149,428	267,653	417,081	183,649	339,399	523,048	138,571	471,683	630,307	133,641	616,122	769,783
Total.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Not including 63 men and 1,394 women teaching city school classes and given above.

<sup>2</sup> No data.



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

Institutions.	1912	1913	1914	1915	1916	1918
Universities and colleges.....	\$24,783,000	\$24,651,958	\$26,670,017	\$20,310,124	\$30,196,006	
Schools of theology.....	1,680,754	2,336,510	1,558,281	1,467,055	2,257,359	
Schools of law.....	425,867	199,453	203,067	90,576	128,548	\$27,450,945
Schools of medicine.....	1,296,288	1,203,096	1,495,773	2,661,076	2,253,598	
Public normal schools.....	479,624	413,580	607,431	449,992	758,998	40,545
Private normal schools.....	131,472	199,899	116,283	168,479	143,012	616,817
Private high schools.....	1,262,215	657,383	706,546	875,944	1,367,719	1,748,238
Total.....	30,061,310	29,651,879	31,357,398	26,023,246	37,095,290	29,836,598

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.....	5,518,501	1906.....	23,347,070
1881.....	7,440,224	1907.....	28,585,780
1883.....	7,141,363	1908.....	19,763,421
1884.....	11,270,286	1909.....	21,192,450
1885.....	9,314,081	1910.....	24,755,663
1886.....	5,976,168	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 each age attending school (1910).	Average number of days attended by all persons of each age. <sup>1</sup>
1	2	3	4	5
1902	5 and under.	101.7	19.5	19.8
1903	6	102.1	22.1	53.2
1904	7	105.2	75.0	78.9
1905	8	105.0	82.7	87.7
1906	9	106.2	86.2	91.6
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	114.8	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				1,073.9

<sup>1</sup> 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 160 days. In the city schools the corresponding average is 182 days, while in the rural schools it is only 142 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 40 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 lower 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 top of the list the loss is about the same in both classes of schools. Oregon and Ohio are outstanding in the relatively small proportion of the rural school lost by irregular attendance. It should be noted

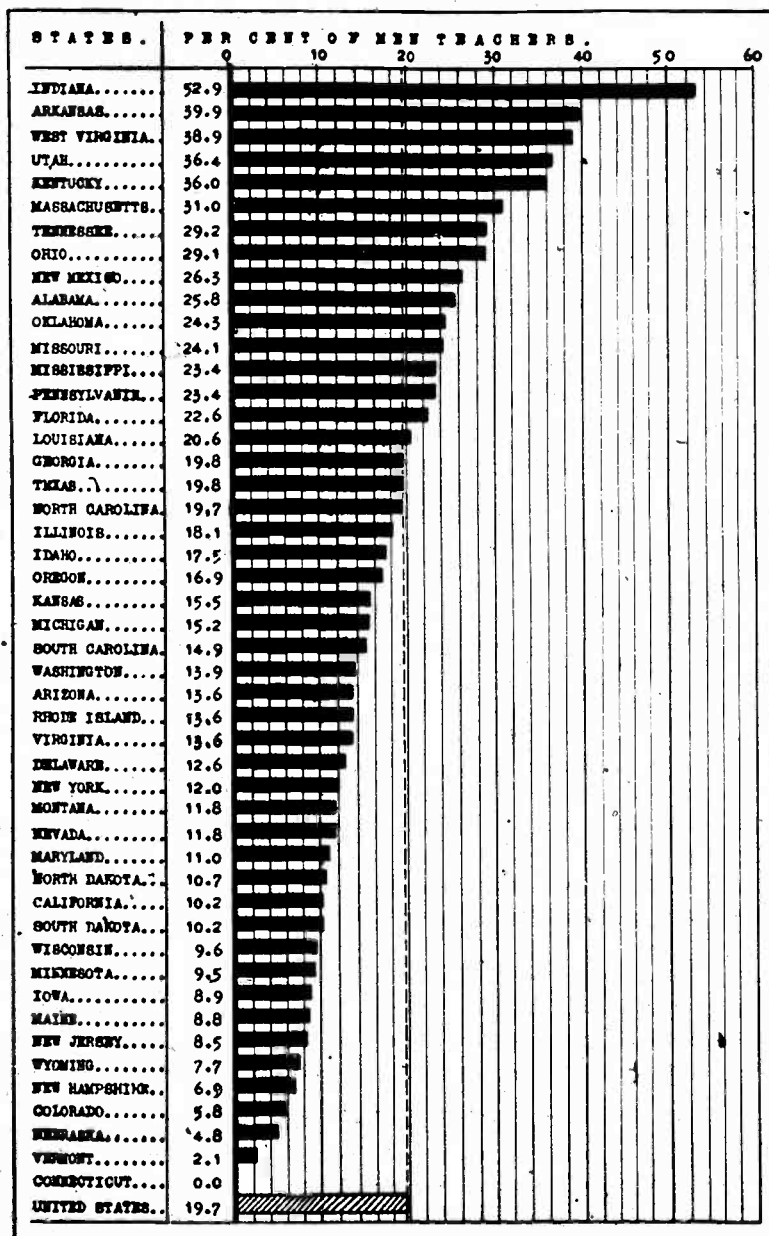


FIG. 1.—Percentage of men teachers in rural schools, 1917-18.



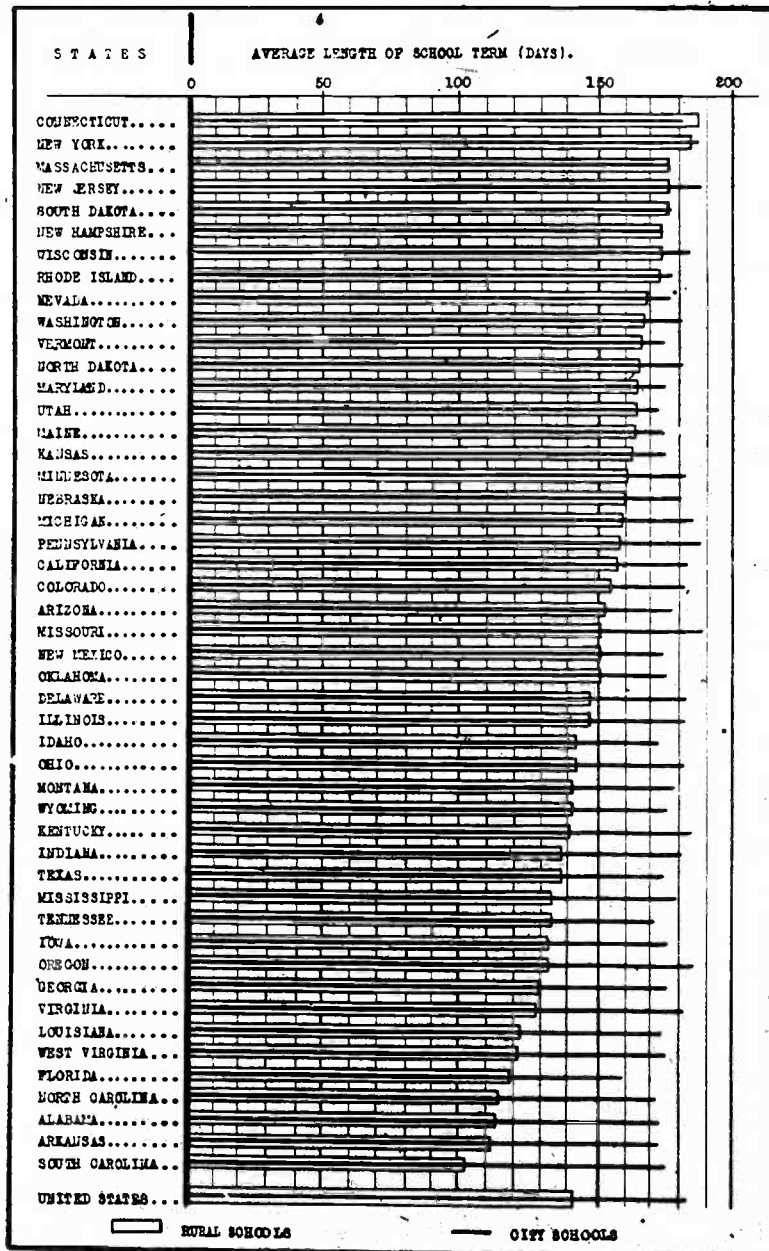


FIG. 2.—Average length of city and rural school term, 1917-18.

59873°—21—2

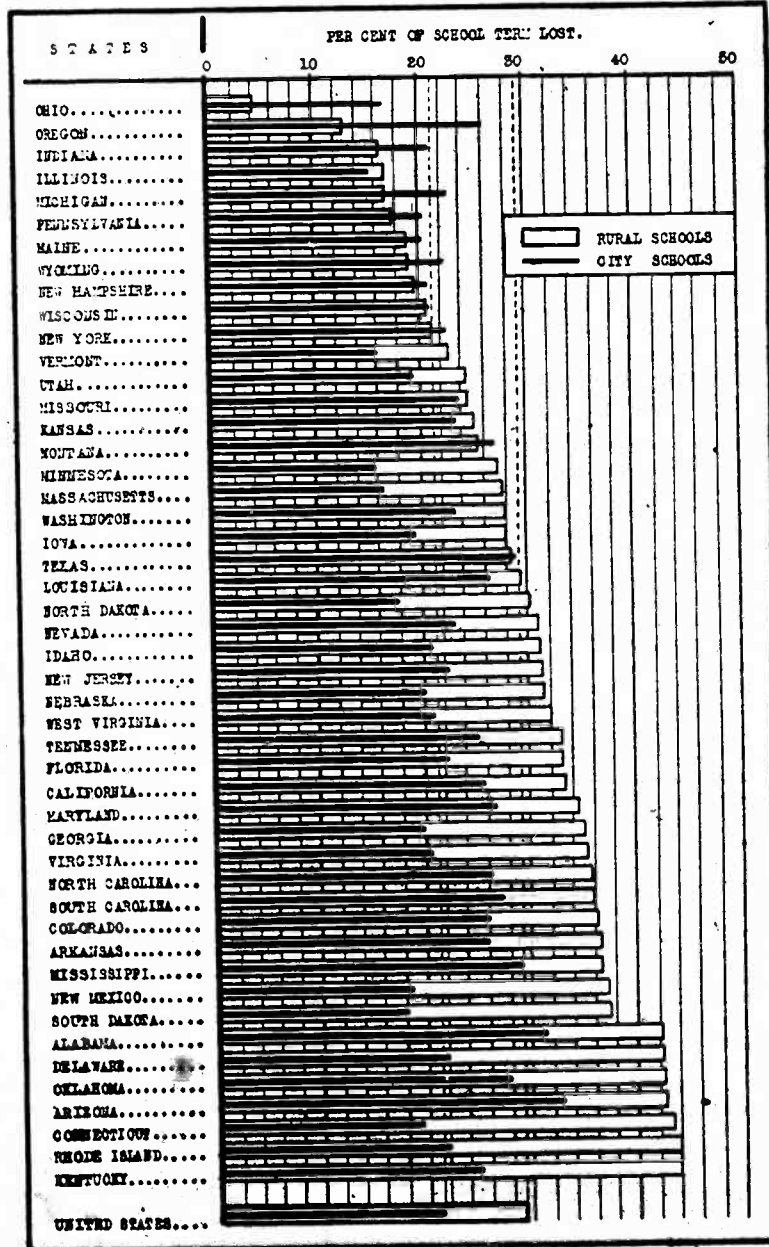


FIG. 3.—Percentage of city and rural school term lost by each pupil enrolled, 1917-18.

in this connection that the States have been arranged in the increasing order of the percentage of the rural school term lost. On this score Ohio and Oregon occupy the most commendable, and Kentucky and Rhode Island 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 42 days, or 29.4 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 \$618. 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. California, Arizona, and Washington 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 suggests 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 \$146.69, while in rural schools it is only \$60.81. For both combined it is \$96.23. The deviations from these general averages are shown graphically by States in figure 5. Rhode Island, Massachusetts, and Montana 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 capitās 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 \$40.59, while the rural schools spend only \$23.91 for meeting the current expenses of each pupil. The States have been ranked on the magnitude of rural school costs. Montana,

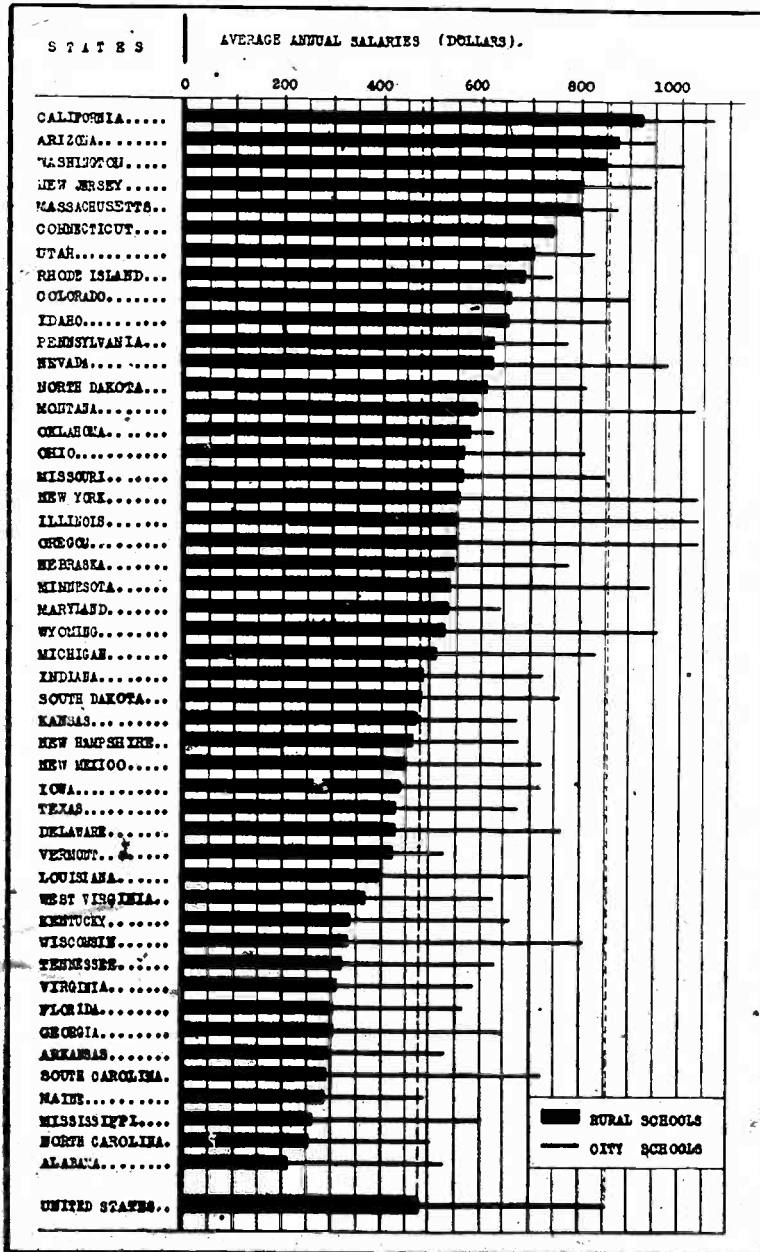


FIG. 4.—Average annual salaries of city and rural teachers, 1917-18. (Data based on the total number of different teachers employed.)

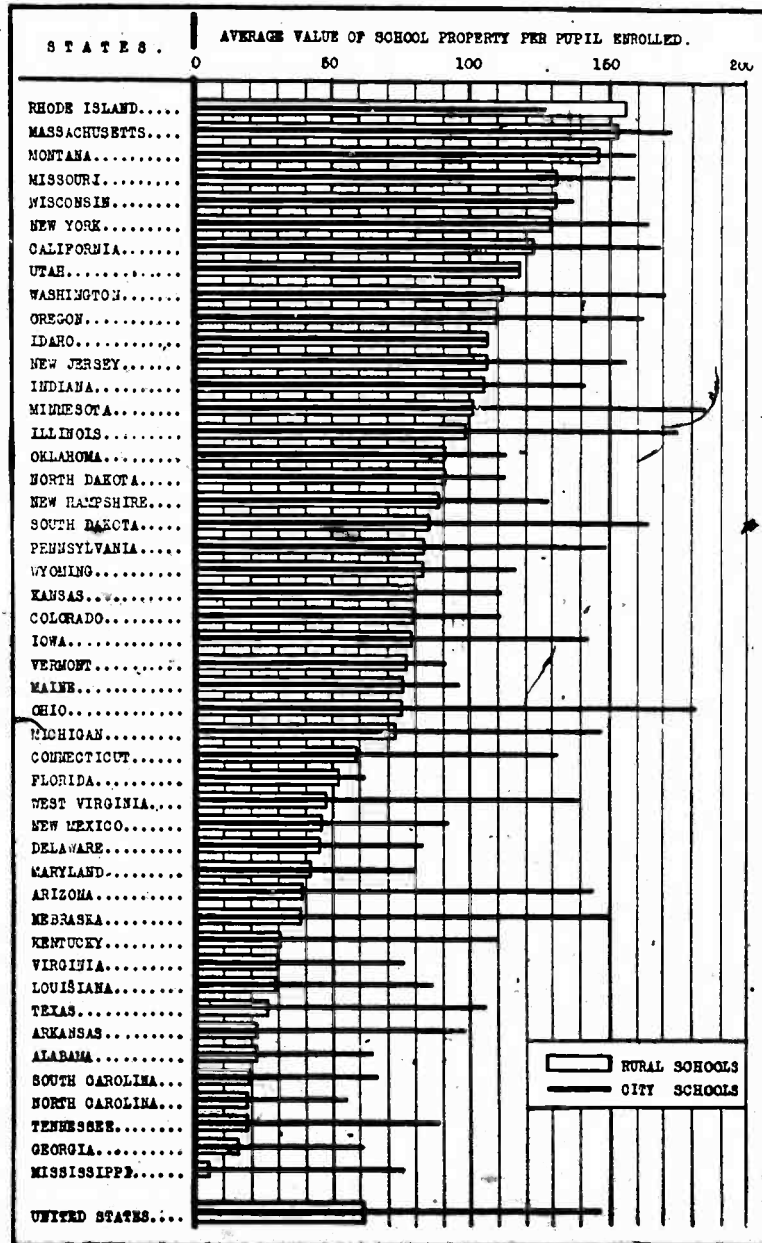


FIG. 5.—Average value of all school property per pupil enrolled in city and rural schools, 1917-18.

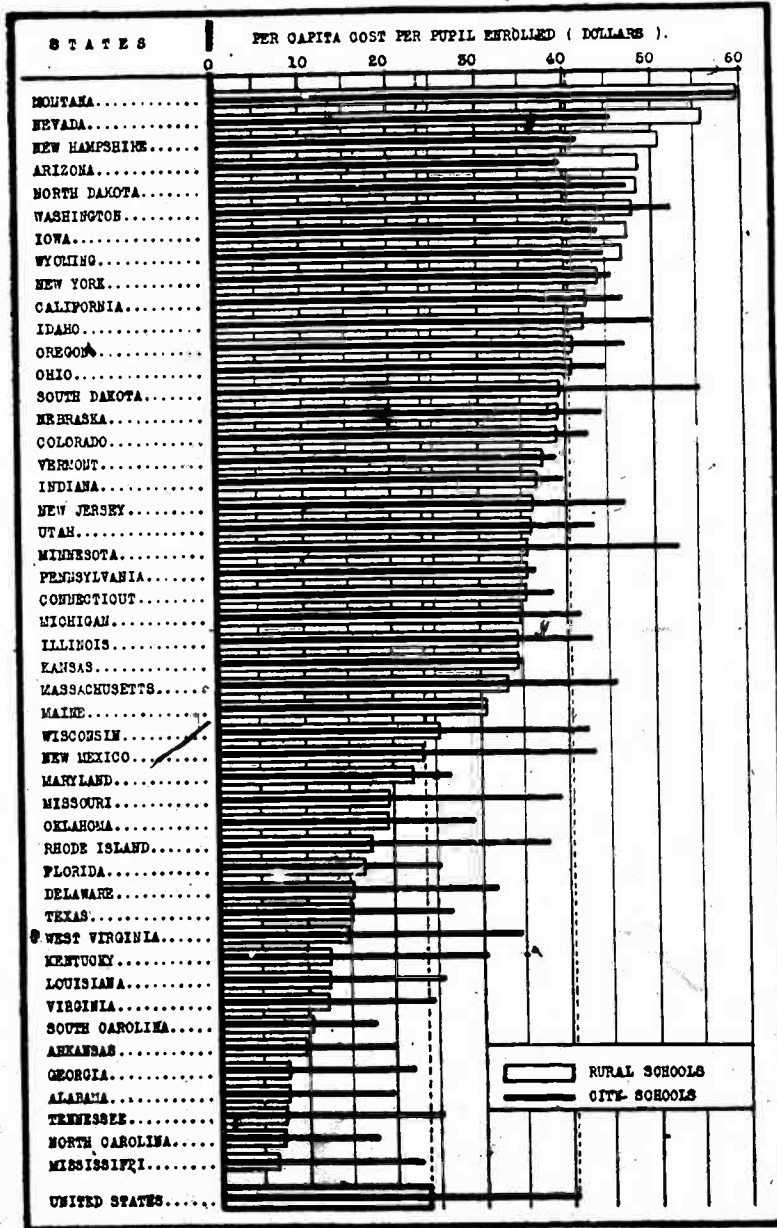


FIG. 6.—Current expenses for education per pupil enrolled in city and rural schools, 1917-18.

Nevada, and New Hampshire rank first, and Tennessee, North Carolina, and Mississippi 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 \$33 per rural school pupil, and those below Maine spend less than \$26 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.

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 \$51.56, and for rural schools \$33.85. 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. 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 average for all rural schools is 24 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 be maintained at smaller unit expenditures than can small rural schools, most of which have only one room.

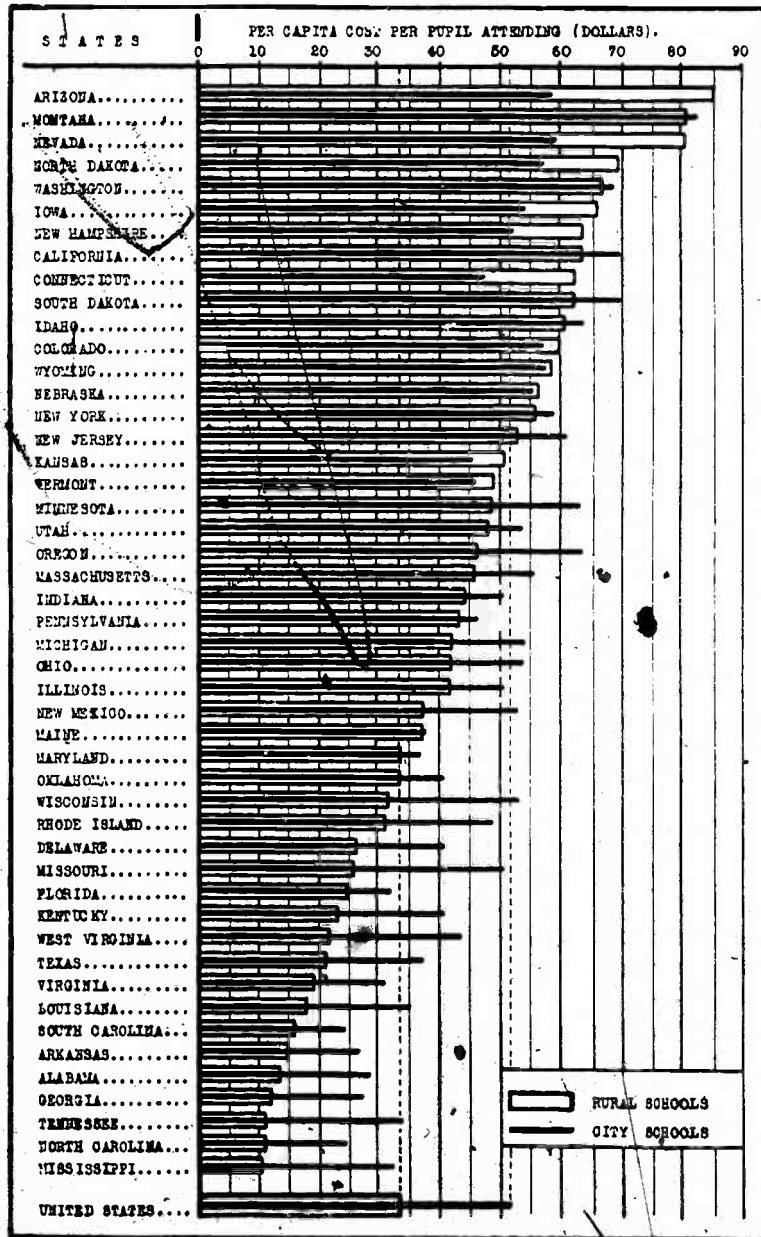


FIG. 7.—Current expenses for education for each pupil in average daily attendance in city and rural schools, 1917-18.



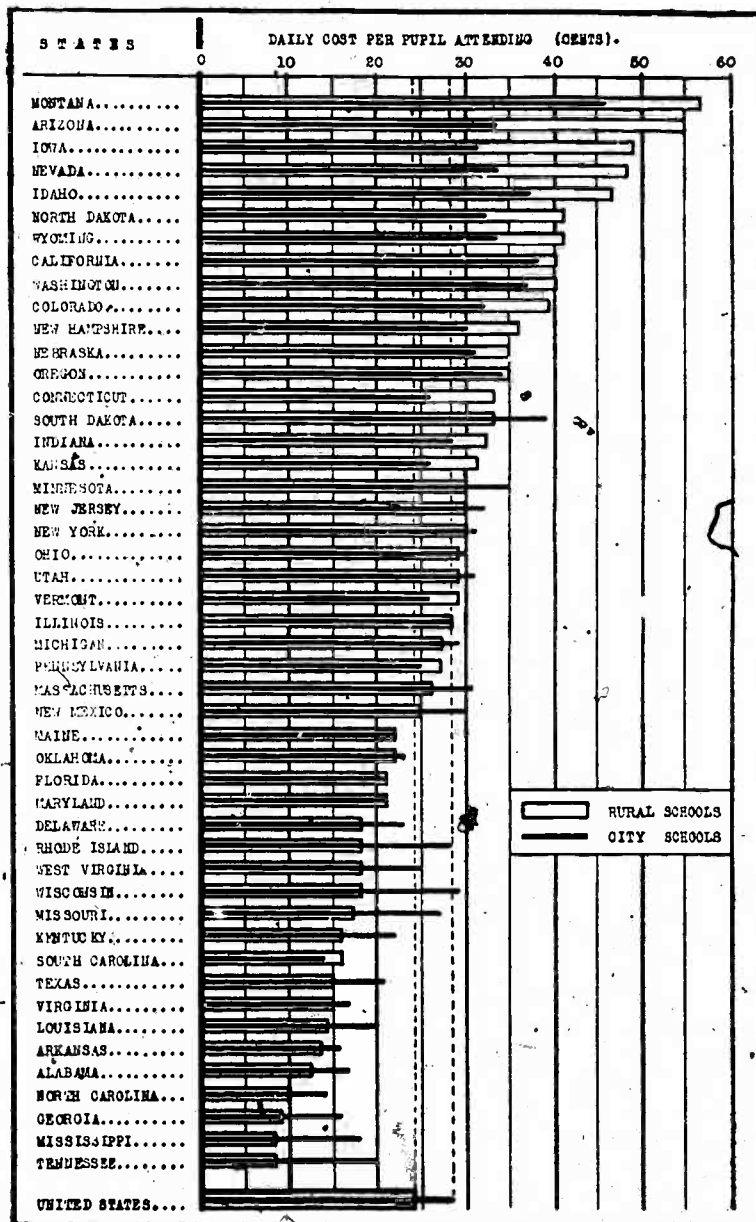


FIG. 8.—Current expenses for education per day for each pupil in average daily attendance in city and rural schools, 1917-18.

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 24 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.

In the preparation of figures 2 to 8 and of Tables 7, 8, 10, 11, and 12, an attempt has been made to compare city and rural schools. To attain this end some of the data appearing in Chapters II and III had to be modified in order to secure the comparable data for city and rural schools, as shown in this chapter. Furthermore, the data presented in this chapter, containing certain corrections, are thought to be more nearly correct than the corresponding data appearing originally in Bulletin, 1920, No. 31. It was impossible to make all the necessary corrections in the statistics until the printed State school reports for 1918 had been received.

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.		
	1			2			3			4		
	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.	State.	City.	Rural.
United States.....	20,867,131	8,586,601	12,280,530	2,156,590	1,230,074	1,240,081	15,434,765	6,760,314	8,674,451	76.0	78.4	70.6
Alabama.....	573,762	78,506	495,256	42,203,184	9,354,137	32,854,047	341,034	54,001	287,033	59.5	68.9	58.1
Arizona.....	67,973	21,449	44,524	6,703,253	2,785,092	3,918,161	41,360	15,790	25,570	60.8	67.2	57.8
Arkansas.....	461,591	22,962	438,629	35,983,200	6,798,757	29,184,443	290,818	39,261	250,557	65.0	74.1	65.6
California.....	669,758	347,443	322,315	74,107,963	47,258,066	26,849,897	429,637	238,498	191,139	71.3	74.1	68.0
Colorado.....	200,783	93,796	107,027	23,181,312	12,566,975	10,614,337	137,994	69,620	68,374	68.7	74.3	68.9
Connecticut.....	243,890	219,607	24,273	41,638,875	32,070,566	2,568,309	190,900	177,186	13,714	78.3	80.7	68.5
Delaware.....	37,137	15,447	21,690	4,036,563	2,191,197	1,845,366	24,613	12,048	12,565	76.2	78.9	67.9
District of Columbia.....	130,438	61,528	68,910	17,831,098	8,228,018	9,603,080	137,268	49,498	87,770	69.9	78.1	67.1
Florida.....	679,681	117,481	562,190	63,729,555	16,601,710	47,127,845	460,576	94,407	366,169	67.7	80.4	65.1
Georgia.....	104,797	31,122	73,675	11,191,050	2,902,527	8,288,523	74,607	16,677	57,930	71.2	70.0	68.3
Illinois.....	1,084,231	624,927	459,304	132,986,006	90,297,519	42,688,487	913,421	528,200	385,221	83.9	84.5	83.2
Indiana.....	594,183	238,411	355,772	71,561,832	34,136,308	37,425,524	460,280	188,186	272,094	81.6	78.9	83.5
Iowa.....	530,375	158,265	372,110	59,218,483	22,555,817	35,662,666	395,506	127,583	267,923	74.6	80.6	72.0
Kansas.....	405,319	117,523	287,791	48,135,412	15,914,532	32,220,880	288,236	90,485	197,751	71.1	77.0	68.7
Kentucky.....	533,355	86,624	447,831	47,129,560	11,637,405	35,492,155	314,992	64,321	250,671	59.1	75.2	66.0
Louisiana.....	320,577	81,050	239,527	31,757,109	10,392,876	21,364,233	233,422	59,682	173,740	71.6	73.6	71.1
Maine.....	140,774	73,109	67,665	19,215,206	10,196,699	9,018,507	113,735	59,596	54,139	80.8	80.1	81.3
Maryland.....	226,268	105,322	120,946	27,553,663	13,551,190	14,002,473	191,772	78,948	112,824	68.8	73.0	68.8
Massachusetts.....	630,878	275,246	355,632	91,450,069	44,326,988	47,123,081	518,231	178,004	340,227	82.2	83.1	72.3
Michigan.....	655,941	322,423	333,518	89,984,553	47,401,701	42,582,851	523,150	255,919	267,231	79.8	77.0	82.6
Minnesota.....	698,523	193,141	505,382	97,137,015	34,992,318	62,144,697	373,760	178,051	205,709	78.5	83.9	72.8
Mississippi.....	340,765	41,039	299,726	41,138,376	4,138,376	37,000,000	345,952	28,796	317,156	64.0	70.8	63.4
Missouri.....	694,413	258,076	436,337	83,643,936	37,235,253	46,408,683	505,670	197,527	308,143	78.1	76.5	75.8
Montana.....	128,000	34,204	93,796	13,758,001	4,445,670	9,312,331	90,268	24,930	65,338	74.0	73.0	74.4
Nebraska.....	300,011	71,571	228,440	35,415,090	10,317,122	25,097,968	214,377	57,287	157,090	71.5	80.0	68.8
Nevada.....	14,518	4,445	10,073	1,785,616	606,330	1,179,286	10,430	3,433	6,997	71.8	77.2	66.5
New Hampshire.....	66,021	36,049	29,972	9,198,734	4,978,096	4,220,638	52,687	28,796	23,891	78.6	78.6	80.1
New Jersey.....	562,319	412,108	150,211	78,434,202	60,094,770	18,340,432	423,750	320,157	103,593	78.4	77.7	69.0
New Mexico.....	85,677	13,520	72,157	8,748,721	1,920,301	6,828,420	56,378	11,015	45,363	65.8	81.5	62.9

1 Includes 9,348 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.		
	City.		Rural.	City.		Rural.	City.		Rural.	City.		Rural.
	8	9	4	5	6	7	8	9	10	11	12	13
New York.....	1,686,569	1,350,581	316,008	242,374,992	186,422,475	45,932,317	1,299,535	1,048,806	249,729	77.9	77.7	79.0
North Carolina.....	634,250	76,703	557,547	50,822,678	9,728,760	41,093,918	414,479	56,650	358,229	65.4	73.9	64.3
North Dakota.....	168,034	14,919	153,115	20,010,179	2,228,834	17,781,345	119,375	12,283	107,092	71.0	82.3	63.9
Ohio.....	951,960	539,292	412,668	138,291,822	81,005,921	56,685,901	849,287	451,563	397,694	86.2	83.7	94.4
Oklahoma.....	551,365	101,782	449,683	52,179,473	12,878,699	39,300,774	333,514	73,046	260,468	60.5	71.9	57.0
Oregon.....	156,798	65,057	91,741	19,599,240	8,871,549	10,627,691	128,353	48,172	80,181	81.9	74.0	87.4
Pennsylvania.....	1,514,084	878,198	635,886	214,896,175	131,962,655	82,933,520	1,227,921	702,992	525,723	81.1	80.0	82.6
Rhode Island.....	94,572	68,983	25,589	12,788,968	12,157,062	631,906	72,254	66,996	3,658	76.4	77.9	55.9
South Carolina.....	38,465	49,909	343,103	28,896,721	6,394,729	22,501,992	253,816	35,883	219,923	64.9	72.8	63.7
South Dakota.....	138,485	16,777	121,708	15,986,157	2,432,861	13,553,296	90,476	13,790	76,686	65.3	82.1	63.0
Tennessee.....	591,346	87,850	503,496	56,747,272	11,211,450	45,535,822	406,044	65,507	340,537	68.7	74.6	67.6
Texas.....	1,088,969	250,173	848,816	115,105,096	31,056,291	84,048,795	788,391	178,134	610,257	71.7	71.2	67.6
Utah.....	110,193	49,765	61,428	14,520,859	6,837,037	7,683,922	85,990	39,497	46,493	78.0	81.0	71.7
Vermont.....	62,049	28,913	33,136	8,597,427	4,260,371	4,337,056	49,731	24,283	25,448	80.2	84.0	73.9
Virginia.....	481,139	101,447	379,692	46,101,080	14,643,645	31,457,435	326,298	80,733	245,563	67.8	79.6	64.7
Washington.....	262,829	124,747	144,082	33,991,123	16,907,545	17,083,578	194,855	93,410	101,445	74.1	76.7	71.9
West Virginia.....	817,144	38,377	258,767	29,689,945	4,090,059	21,599,799	222,523	45,977	176,616	70.2	78.6	66.3
Wisconsin.....	449,463	191,819	257,644	63,268,896	27,444,021	35,824,345	359,455	151,911	207,544	79.3	79.2	79.4
Wyoming.....	38,271	9,379	28,892	4,597,965	1,311,512	3,286,453	30,619	7,468	23,151	80.0	78.0	80.7

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.	Ru-ral.	State.	City.	Ru-ral.	State.	City.	Ru-ral.	State.	City.	Ru-ral.
1	2	3	4	5	6	7	8	9	10	11	12	13
United States.....	160	182	143	118	143	101	42	39	42	26.2	21.4	29.4
Alabama.....	124	173	114	74	119	66	50	54	48	40.6	31.2	42.1
Arizona.....	162	177	153	99	119	88	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	105	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	157	142	146	106	39	35	61	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.....	168	182	147	141	154	122	27	28	25	16.1	15.4	17.0
Indiana.....	155	181	138	127	143	115	29	38	23	18.5	21.0	16.4
Iowa.....	147	177	133	110	143	96	37	34	37	25.2	19.2	28.0
Kansas.....	167	176	163	119	135	112	48	41	41	28.7	23.3	25.1
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	20.4	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	177	145	147	128	31	29	49	17.6	16.5	27.7
Michigan.....	172	186	159	137	143	132	35	42	27	20.2	22.7	17.0
Minnesota.....	168	182	161	129	153	117	40	29	44	23.5	15.9	27.3
Mississippi.....	138	179	134	88	127	85	50	49	36	36.0	29.1	36.6
Missouri.....	165	189	151	126	144	114	39	45	37	23.7	23.8	24.6
Montana.....	152	178	142	113	130	106	39	48	30	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	30.8
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	46	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.....	162	184	133	124	136	116	28	48	17	18.4	26.1	12.8
Pennsylvania.....	175	188	158	142	150	130	33	38	28	19.0	20.2	17.7
Rhode Island.....	177	177	173	135	138	97	82	39	76	18.1	22.0	43.9
South Carolina.....	113	176	103	73	128	66	40	48	37	35.2	27.3	35.9
South Dakota.....	177	178	177	116	146	111	61	32	66	34.5	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.....	169	173	165	122	140	126	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	36	36	20.8	20.8	20.7
Wyoming.....	150	176	142	120	137	115	30	39	27	19.9	22.2	19.0

1 From printed State school report for 1917-18.

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	90,164	329,196	409,360	16.1	10.4	19.7
Alabama.....	2,957	9,605	12,562	168	1,587	1,755	2,789	8,018	10,807	23.5	9.6	25.8
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	296	2,355	2,650	266	4,303	4,569	7.8	11.1	5.8
Connecticut.....	405	6,512	6,917	438	6,934	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.....	212	1,636	1,856	219	1,636	1,855	0	0	0	11.8	11.8	0.0
Florida.....	1,208	5,065	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	28,997	33,653	1,375	14,137	15,512	3,281	14,969	18,141	13.8	8.9	15.1
Indiana.....	6,247	10,743	16,990	930	6,015	6,945	5,317	4,728	10,045	36.8	13.4	32.9
Iowa.....	2,454	25,178	27,632	459	4,829	5,288	1,938	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	9.9	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	16.7	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	5,661	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	1,747	11.0	9.0	31.0
Michigan.....	2,975	20,076	23,051	928	8,646	9,572	2,049	11,430	13,479	12.9	9.7	15.2
Minnesota.....	1,783	16,976	18,768	502	4,622	5,124	1,291	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	11.8	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	1,934	2,534	37	357	394	563	1,577	2,140	23.7	9.4	26.3
New York.....	6,681	52,606	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	10,796	13,430	18.2	6.8	19.7
North Dakota.....	780	6,409	7,189	45	415	460	715	5,955	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.....	3,039	10,760	13,799	320	2,376	2,696	2,718	8,444	11,160	22.0	12.3	24.8
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	36,516	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	6.1	14.9
South Dakota.....	745	6,600	7,345	59	556	615	686	6,044	6,730	10.1	8.1	10.2
Tennessee.....	3,376	9,571	12,947	238	1,966	2,204	3,138	7,605	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	917	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	5,863	14.4	15.2	13.9
West Virginia.....	3,774	7,204	10,978	176	1,543	1,719	3,598	5,061	9,259	34.4	10.2	28.9
Wisconsin.....	1,642	15,101	16,743	663	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

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.	City.	Rural.
1	2	3	4	5	6	7	8	9	10
United States.	\$2,008,141,523	\$1,258,933,000	\$746,788,888	\$96.23	\$146.69	\$60.81	\$618	\$854	\$479
Alabama.....	15,501,349	5,039,000	10,462,349	27.02	64.19	21.13	256	536	210
Arizona.....	5,115,802	3,382,000	1,733,802	75.26	144.23	38.94	894	948	873
Arkansas.....	13,908,117	5,151,000	8,757,117	30.13	97.26	21.43	819	537	294
California.....	90,091,819	58,864,000	31,227,819	149.47	169.42	122.31	1,012	1,063	929
Colorado.....	18,800,076	10,370,000	8,430,076	93.64	110.63	78.77	751	906	661
Connecticut.....	30,428,407	28,995,000	1,433,407	124.93	132.03	59.05	745	746	743
Delaware.....	2,228,220	1,270,000	958,220	60.00	82.22	44.18	564	767	429
Dist. Columbia.....	13,052,000	13,052,000	.....	212.10	212.10	.....	1,037	1,037	.....
Florida.....	10,622,257	3,051,000	7,571,257	54.06	60.47	51.88	358	562	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	860	655
Illinois.....	154,619,859	109,407,000	45,212,859	142.06	175.07	97.55	778	1,044	551
Indiana.....	67,675,607	33,530,000	34,145,607	119.06	140.64	104.82	587	730	498
Iowa.....	51,693,915	22,574,000	29,119,915	97.47	142.63	78.26	492	720	439
Kansas.....	36,251,557	13,062,000	23,189,557	89.44	111.14	80.58	513	680	471
Kentucky.....	22,860,900	9,387,000	13,473,900	42.66	109.63	30.08	394	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	55.89	95.91	75.07	359	495	286
Maryland.....	13,800,000	8,426,000	5,374,000	58.60	79.97	41.37	586	645	536
Massachusetts.....	108,034,278	99,543,000	8,491,278	171.24	173.05	152.60	859	871	795
Michigan.....	71,998,534	48,690,000	23,308,534	100.76	146.47	72.05	646	835	513
Minnesota.....	63,117,181	30,246,000	32,871,181	129.25	185.40	101.09	651	948	539
Mississippi.....	7,860,000	3,076,000	4,784,000	8.97	75.69	3.55	291	606	259
Missouri.....	94,216,390	40,940,000	53,276,390	141.80	158.64	131.11	653	851	565
Montana.....	18,209,310	5,457,000	12,752,310	149.75	159.54	145.93	670	1,035	589
Nebraska.....	19,440,110	10,673,000	8,767,110	64.80	149.12	38.37	584	779	544
Nevada.....	2,419,645	.....	.....	160.67	.....	.....	693	973	632
New Hampshire.....	7,244,229	4,609,000	2,635,229	109.73	127.85	87.92	547	685	465
New Jersey.....	79,999,966	64,133,000	15,866,966	142.26	155.62	105.63	901	946	892
New Mexico.....	4,440,784	1,229,000	3,211,784	51.00	90.90	44.59	500	727	448
New York.....	262,252,578	221,347,000	40,905,578	157.26	163.89	129.46	871	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.....	15,590,000	7,082,000	8,508,000	92.24	112.74	90.25	628	816	615
Ohio.....	128,261,544	97,900,000	30,361,544	134.73	181.53	73.57	680	809	566
Oklahoma.....	52,162,753	11,528,000	40,634,753	94.61	113.32	90.37	587	625	578
Oregon.....	20,748,143	10,663,000	10,085,143	132.32	163.90	109.93	699	1,037	547
Pennsylvania.....	183,447,985	130,405,000	53,042,985	121.09	148.49	83.30	704	774	633
Rhode Island.....	12,159,619	11,143,000	1,016,619	128.58	126.58	155.47	730	743	684
South Carolina.....	9,839,038	3,242,000	6,597,038	24.94	65.76	19.11	320	528	289
South Dakota.....	13,084,806	2,750,000	10,334,806	94.49	163.91	84.91	607	769	483
Tennessee.....	16,857,960	7,758,000	9,099,960	28.51	88.31	18.07	369	636	322
Texas.....	48,872,283	26,480,000	22,392,283	44.47	105.86	26.38	487	683	433
Utah.....	12,865,451	5,652,000	7,213,451	116.75	115.90	117.43	754	827	702
Vermont.....	5,123,186	2,613,000	2,510,186	82.57	90.37	75.75	467	554	422
Virginia.....	18,862,354	7,610,000	11,252,354	39.20	75.01	29.64	371	587	314
Washington.....	36,596,668	20,864,000	15,732,668	139.24	171.54	111.37	908	1,006	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	26,263,000	33,737,000	133.51	137.01	130.90	491	812	337
Wyoming.....	3,486,248	1,110,000	2,376,248	91.09	118.88	82.82	578	960	621

<sup>1</sup> As computed from the total number of different teachers employed, 6,525.  
<sup>2</sup> As computed from the total number of different teachers employed, including teachers in evening and vocational schools, 20,426.  
<sup>3</sup> As computed by including 1,054 teachers in evening schools.

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

States.	Teachers' salaries.			Grand total current expenses.			Expended for buildings, capital acquisition, by State.
	State.	City.	Rural.	State.	City.	Rural.	
	3	5	4	5	6	7	
United States.....	\$402,298,516	\$206,065,137	\$198,233,377	\$841,014,379	\$248,552,106	\$293,567,404	\$119,082,843
Alabama.....	2,211,264	941,083	2,270,181	5,263,119	1,559,768	3,804,021	752,065
Arizona.....	1,535,887	533,803	1,304,264	3,094,332	929,800	2,173,532	459,101
Arkansas.....	3,834,677	663,754	3,170,923	4,972,443	1,063,537	3,918,906	22,216
California.....	17,484,521	11,363,524	6,090,997	28,857,070	18,090,753	10,226,317	5,258,311
Colorado.....	5,421,875	2,368,974	3,022,901	8,068,598	3,992,353	4,101,245	1,639,625
Connecticut.....	5,151,785	4,721,785	429,652	9,247,769	8,394,531	852,988	1,421,844
Delaware.....	598,228	325,823	272,503	2,065,215	2,904,512	331,465	50,348
District of Columbia.....	1,923,458	1,923,458	1,471,637	3,694,943	2,904,512	0	279,266
Florida.....	2,258,379	786,742	1,471,637	3,694,943	1,277,904	2,419,344	977,473
Georgia.....	6,514,000	1,603,525	3,708,478	6,987,894	2,587,200	4,400,784	624,076
Idaho.....	2,639,443	489,599	2,149,844	4,572,345	1,054,449	3,517,896	606,500
Illinois.....	16,124,104	10,003,494	6,120,610	42,760,689	20,651,334	16,109,335	8,745,374
Indiana.....	9,976,513	5,072,583	4,903,930	21,417,049	9,417,101	12,029,948	6,130,656
Iowa.....	3,809,279	3,809,279	9,799,030	24,476,474	6,896,486	17,579,988	4,801,380
Kansas.....	8,415,731	2,234,342	6,181,389	14,028,830	4,110,362	9,918,468	3,073,714
Kentucky.....	5,541,366	1,567,529	3,973,837	8,308,640	2,597,307	5,711,333	47,351
Louisiana.....	3,727,590	1,444,784	2,282,806	6,173,569	2,080,268	4,093,301	84,882
Maine.....	2,683,997	1,250,978	1,333,019	4,235,953	2,780,514	1,455,439	175,123
Maryland.....	3,421,085	1,920,253	1,500,832	5,977,424	4,279,924	1,697,500	311,411
Massachusetts.....	17,554,474	15,035,783	2,518,691	127,139,576	20,445,143	11,640,564	3,929,212
Michigan.....	14,896,026	7,989,808	6,908,218	25,076,652	13,783,111	11,293,841	7,044,294
Minnesota.....	12,217,625	4,854,743	7,362,882	20,153,243	8,010,652	11,542,591	4,843,760
Mississippi.....	3,381,513	2,790,231	2,790,231	4,285,854	836,041	3,327,913	4,929,503
Missouri.....	13,498,332	5,717,562	7,781,290	17,959,088	10,053,078	7,906,010	2,035,999
Montana.....	3,672,080	1,070,202	2,798,478	7,272,063	2,023,952	5,248,111	0
Nebraska.....	7,451,092	1,987,225	5,463,777	11,975,036	3,163,742	8,811,294	2,406,921
Nevada.....	7,248,365	127,469	7,120,896	7,665,250	213,518	7,451,732	37,332
New Hampshire.....	1,113,375	898,228	905,117	3,013,016	1,494,146	1,518,870	5,452,900
New Jersey.....	15,192,012	10,968,472	4,223,540	24,791,441	19,334,717	5,456,724	1,595,304
New Mexico.....	1,267,678	309,148	958,530	2,276,604	583,130	1,693,474	0



New York.....	51,526,158	10,102,868	11,312,290	77,529,679	61,682,076	13,846,603	5,329,582
North Carolina.....	4,320,117	920,282	3,401,835	3,783,103	1,707,111	1,976,992	1,911,316
North Dakota.....	4,500,000	375,574	4,124,426	7,044,123	707,501	7,751,624	1,490,409
Ohio.....	23,885,924	13,548,525	10,337,369	40,940,597	24,177,032	16,763,565	9,557,418
Oklahoma.....	8,096,538	1,046,689	6,452,849	11,670,245	2,988,227	8,712,018	2,495,968
Oregon.....	4,450,375	1,046,188	2,513,187	6,784,183	3,049,336	3,734,849	746,077
Pennsylvania.....	31,226,391	17,342,998	13,885,365	34,857,845	32,318,851	22,318,994	11,101,035
Rhode Island.....	2,179,648	1,929,036	230,612	3,485,735	3,312,303	113,431	563,036
South Carolina.....	2,707,365	575,534	2,131,831	4,472,790	877,842	3,604,948	492,247
South Dakota.....	3,721,285	473,148	3,248,147	5,727,264	961,044	4,766,220	1,254,639
Tennessee.....	4,758,149	1,401,396	3,356,753	6,085,656	2,228,531	3,857,025	1,616,458
Texas.....	14,251,053	4,253,091	9,997,962	19,433,918	9,688,062	12,745,856	5,123,734
Utah.....	1,640,847	1,250,044	380,803	2,900,848	1,101,968	2,212,780	1,077,826
Vermont.....	1,800,647	1,570,044	230,603	3,368,048	1,540,468	1,828,580	1,071,522
Virginia.....	3,102,470	1,710,067	3,452,373	7,218,811	2,300,623	4,918,188	1,085,680
Washington.....	8,502,727	3,520,570	4,982,198	13,000,791	6,340,188	6,750,203	2,173,588
West Virginia.....	4,491,877	1,066,248	3,425,629	5,896,335	1,940,006	3,956,329	1,151,046
Wisconsin.....	8,229,399	4,433,468	3,795,931	13,549,531	8,070,733	6,282,794	3,107,060
Wyoming.....	1,092,728	4,236,161	850,568	1,776,367	430,454	1,345,913	3,228,072

<sup>1</sup> Not including interest on indebtedness for Massachusetts.

<sup>2</sup> Including interest on indebtedness amounting to \$1,125,134 in Massachusetts, which is not included in the total for the State.

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

States.	Per pupil enrolled.					Per pupil attending.					Daily cost per pupil attending.					For outlays by State.
	For current expenses.		For outlays by State.	For current expenses.		For outlays by State.	For current expenses.		For outlays by State.	For current expenses.		For outlays by State.	For current expenses.		For outlays by State.	
	State.	City.		Rural.	State.		City.	Rural.		State.	City.		Rural.	State.		
United States.....	\$30.72	\$40.59	\$23.91	\$5.71	\$11.33	\$51.56	\$33.85	\$7.72	13	26	28	21	5			
Alabama.....	9.35	19.86	7.68	1.22	15.69	28.84	13.23	2.07	13	17	17	12	1			
Arizona.....	45.62	39.27	46.42	6.46	71.94	58.43	34.60	10.01	46	33	33	55	1			
Arkansas.....	17.77	11.60	42.40	8.72	14.63	26.75	14.60	10.01	11	18	18	10	7			
California.....	47.88	51.60	38.32	8.17	67.18	69.78	63.28	12.22	35	32	32	39	7			
Colorado.....	40.31	42.69	38.32	8.17	58.05	57.34	59.99	11.69	35	32	32	39	7			
Connecticut.....	37.92	38.23	35.14	5.93	48.44	47.38	62.19	7.44	27	26	26	33	4			
Delaware.....	22.81	31.96	15.28	1.37	33.04	41.01	26.68	2.01	20	23	23	18	2			
District of Columbia.....	47.20	47.20	0	4.55	60.72	60.72	0	5.84	35	35	35	0	3			
Florida.....	18.82	25.32	16.58	4.97	26.93	32.42	24.72	7.12	21	21	21	21	5			
Georgia.....	10.24	22.02	7.83	.92	15.17	27.40	12.02	1.36	11	11	11	9	1			
Idaho.....	13.66	49.92	42.07	5.78	61.28	63.23	60.73	8.07	41	37	37	42	5			
Illinois.....	39.29	42.66	34.76	8.03	46.81	30.46	41.82	9.57	24	24	24	32	6			
Indiana.....	38.02	39.50	36.93	10.88	46.40	50.04	44.21	13.32	39	39	39	28	9			
Iowa.....	46.45	43.41	47.24	7.38	44.41	54.41	48.01	12.15	12	12	12	19	4			
Kansas.....	34.41	34.97	34.46	7.38	48.67	48.42	56.19	10.67	23	23	23	31	6			
Kentucky.....	15.58	30.33	12.75	.09	26.38	40.38	22.78	1.18	18	20	20	16	3			
Louisiana.....	15.80	25.78	14.61	2.60	22.19	35.01	17.75	3.84	16	16	16	14	3			
Maine.....	30.23	30.09	30.39	1.26	57.42	37.86	37.37	2.84	23	22	22	23	3			
Maryland.....	24.11	26.57	22.11	1.32	35.06	36.39	33.66	1.93	21	21	21	21	1			
Massachusetts.....	43.05	41.97	33.08	6.23	52.88	55.32	45.75	7.61	180	31	31	26	1			
Michigan.....	38.23	41.46	34.91	10.74	47.84	53.86	42.36	13.44	24	24	24	27	8			
Minnesota.....	41.27	52.78	35.50	9.92	53.68	62.87	48.74	12.96	32	32	32	30	8			
Mississippi.....	7.89	23.03	6.68	7.42	12.32	32.52	10.49	9.77	9	9	9	8	5			
Missouri.....	27.03	38.95	19.46	7.42	35.52	50.89	25.66	9.77	22	22	22	17	5			
Montana.....	59.61	59.17	59.78	16.09	90.94	81.09	80.32	22.86	53	53	53	57	15			

Nebraska	39.97	44.20	38.57	8.03	55.86	55.23	56.00	11.24	34	35	7
Nevada	52.71	45.79	55.77	2.37	73.37	59.28	80.28	3.37	33	48	2
New Hampshire	45.64	41.45	50.68	1.94	57.18	52.07	63.30	2.40	30	36	1
New Jersey	44.09	46.92	36.33	9.70	58.51	60.89	52.67	12.84	32	30	1
New Mex.	27.57	43.15	23.17	17.62	40.28	52.97	37.33	28.30	29	25	18
New York	45.32	45.67	43.92	3.32	58.12	58.75	55.40	4.24	31	30	2
North Carolina	8.49	17.95	7.18	1.83	12.97	24.31	11.18	2.81	14	10	2
North Dakota	48.17	47.09	48.27	10.71	67.81	57.29	69.02	15.09	14	10	2
Ohio	43.01	44.83	40.62	10.04	48.20	53.55	42.44	1.44	32	29	7
Oklahoma	21.17	29.08	19.38	4.32	35.00	40.50	35.45	7.49	23	22	5
Oregon	43.28	46.87	40.70	4.76	52.87	63.30	46.28	5.81	34	35	4
Pennsylvania	36.20	36.97	46.05	7.23	44.66	46.03	42.83	9.03	26	25	5
Rhode Island	31.34	37.67	17.35	6.43	47.83	48.72	31.01	8.21	25	18	4
South Carolina	11.34	17.66	10.44	1.25	17.45	24.18	16.30	1.83	28	16	2
South Dakota	41.36	57.28	39.16	9.75	63.30	69.74	62.11	15.00	39	35	8
Tennessee	10.26	25.37	7.66	2.73	14.99	34.02	11.33	3.94	20	8	3
Texas	17.68	26.61	15.05	4.67	24.65	37.38	20.94	6.50	17	15	4
Utah	39.19	43.14	36.02	9.42	50.22	53.42	47.36	12.68	30	29	4
Vermont	38.12	38.79	37.53	2.76	47.55	46.18	48.83	3.42	31	28	2
Virginia	15.00	24.67	12.43	2.56	22.11	30.97	19.21	3.32	19	15	2
Washington	48.81	52.08	47.85	8.26	67.18	67.87	66.14	11.13	39	40	6
West Virginia	48.40	54.24	44.69	3.64	68.23	53.55	41.62	3.69	35	18	4
Wisconsin	32.45	42.94	35.97	5.85	57.01	57.64	58.14	7.47	23	18	5
Wyoming	46.42	44.94	46.91	5.95	58.01	57.64	58.14	7.47	39	41	5

<sup>1</sup> Excluding interest on indebtedness.

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	19.4	2.0	0.4	21.8
Alabama.....	93.1	5.8	1.1	97.3	90.0	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.....	96.7	2.8	.5	99.1	91.0	81.0	25.2	.7	.1	26.0
California.....	76.4	20.6	3.0	97.2	90.1	61.3	15.7	4.2	.6	20.5
Colorado.....	84.7	12.4	2.9	98.3	95.0	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	98.6	89.2	49.7	22.1	1.5	.3	23.9
Idaho.....	86.0	12.2	1.8	96.9	89.5	87.1	20.7	2.9	.4	21.0
Illinois.....	87.8	9.2	3.0	82.6	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	.5	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	19.9
Maine.....	83.4	12.8	1.8	90.8	86.7	94.9	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	11.5	16.2	3.1	.6	19.9
Michigan.....	87.0	10.7	2.3	88.4	91.1	83.1	20.9	2.6	.5	21.9
Minnesota.....	80.7	11.0	2.3	91.8	89.1	69.7	19.7	2.5	.5	22.7
Mississippi.....	93.5	5.7	.8	98.9	92.6	64.3	25.9	1.6	.2	25.7
Missouri.....	88.3	9.1	2.6	92.4	91.7	58.1	18.9	2.0	.6	21.5
Montana.....	88.0	9.7	1.4	96.5	92.8	100.0	23.5	2.6	.4	26.5
Nebraska.....	87.2	9.6	3.2	95.1	93.7	73.9	21.9	2.4	.8	25.1
Nevada.....	87.6	10.2	2.2	98.0	100.0	100.0	11.5	1.3	.3	13.1
New Hampshire.....	80.8	16.9	2.3	78.4	81.2	42.3	15.8	3.3	.4	19.5
New Jersey.....	90.0	9.1	.9	91.0	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	19.6	1.0	.5	21.1
New York.....	87.8	9.6	1.4	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.....	90.8	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	92.1	22.0	1.6	.5	24.1
Oregon.....	81.4	15.1	4.5	96.5	95.6	69.5	14.5	2.7	.6	17.8
Pennsylvania.....	89.4	8.5	2.1	92.8	87.0	28.8	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	24.7
Utah.....	86.3	12.1	1.6	97.3	70.4	100.0	22.7	3.2	.4	26.3
Vermont.....	83.9	13.0	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.....	89.6	5.4	1.0	99.1	93.2	81.9	21.7	1.2	.2	22.6
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	.8	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 8 to 16, next page).	
	Public.	Private (largely estimated).	Public.	Private.	Public.	Private.
1	2	3	4	5	6	7
United States.....	18,919,695	1,457,044	1,943,921	193,305	247,044	228,451
Alabama.....	542,529	14,885	31,358	3,467	4,274	2,191
Arizona.....	63,470	2,941	4,503	516	1,419	.....
Arkansas.....	449,865	2,635	11,892	1,091	1,560	959
California.....	479,845	13,818	126,913	5,103	12,020	7,576
Colorado.....	176,523	3,000	25,103	1,078	4,392	1,875
Connecticut.....	219,423	3,462	24,506	4,255	1,966	3,213
Delaware.....	34,423	2,361	2,714	341	333	.....
Dist. Columbia.....	53,802	10,000	8,049	2,706	1,389	4,813
Florida.....	185,784	5,030	10,672	1,008	726	458
Georgia.....	639,510	10,000	40,346	4,899	3,662	3,703
Idaho.....	92,745	3,000	12,165	1,436	1,463	216
Illinois.....	975,834	205,773	112,537	10,658	13,736	25,985
Indiana.....	492,106	23,203	72,046	3,556	6,541	6,530
Iowa.....	476,759	26,370	54,572	4,947	6,606	7,641
Kansas.....	352,165	10,653	53,469	3,071	9,895	4,216
Kentucky.....	591,844	26,781	23,511	4,437	3,367	2,282
Louisiana.....	302,135	23,750	23,506	2,148	2,490	2,345
Maine.....	121,157	12,429	17,617	2,701	1,574	1,293
Maryland.....	221,513	24,516	13,789	3,750	2,494	4,738
Massachusetts.....	522,088	99,109	108,790	11,900	3,484	29,536
Michigan.....	580,072	76,184	75,869	4,796	14,132	2,875
Minnesota.....	437,407	24,187	52,084	6,383	8,070	3,759
Mississippi.....	511,617	5,750	29,130	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	806	1,837	.....
Nebraska.....	270,993	13,182	29,273	1,961	7,637	2,693
Nevada.....	12,988	143	1,530	.....	324	.....
New Hampshire.....	54,044	16,653	11,977	2,770	832	1,137
New Jersey.....	312,019	34,971	50,300	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.....	616,368	18,228	17,852	6,256	4,843	3,563
North Dakota.....	156,814	4,795	11,965	559	2,991	775
Ohio.....	819,158	147,195	132,802	7,525	13,199	11,865
Oklahoma.....	516,261	7,986	35,689	1,162	10,795	882
Oregon.....	123,244	4,456	22,718	985	3,869	1,701
Pennsylvania.....	1,290,969	108,000	124,015	18,479	9,596	26,196
Rhode Island.....	83,131	16,680	8,733	1,162	724	937
South Carolina.....	385,697	7,000	8,770	2,314	4,496	2,360
South Dakota.....	125,430	3,411	13,121	1,263	3,532	1,408
Tennessee.....	560,812	18,963	30,534	6,110	2,057	4,981
Texas.....	902,934	14,196	106,171	5,890	11,252	5,226
Utah.....	100,096	2,727	1,162	4,282	1,895	.....
Vermont.....	53,973	5,672	8,076	1,841	979	511
Virginia.....	451,982	7,900	29,166	5,739	6,795	4,609
Washington.....	225,959	6,813	37,118	1,777	6,403	308
West Virginia.....	300,780	2,720	16,364	1,191	2,671	591
Wisconsin.....	399,992	75,512	49,411	3,784	13,143	8,058
Wyoming.....	34,895	1,000	3,444	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	278,060	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	31	0	31	971	0	971
Arkansas.....	586	927	1,513	59	32	91	922	0	922
California.....	6,988	6,298	13,286	502	1,146	1,738	4,440	132	4,572
Colorado.....	3,704	1,571	5,275	141	301	442	547	0	547
Connecticut.....	137	2,649	2,786	0	293	293	1,059	271	1,330
Delaware.....	333	0	333	0	0	0	0	0	0
Dist. Columbia.....	751	2,588	3,339	425	1,949	2,374	215	6	219
Florida.....	680	450	1,130	46	0	46	8	0	8
Georgia.....	1,649	3,204	4,853	91	499	593	1,919	0	1,919
Idaho.....	481	216	697	25	0	25	957	0	957
Illinois.....	4,566	19,927	24,493	629	4,760	5,389	8,511	1,278	9,819
Indiana.....	1,041	3,806	7,847	297	588	885	2,203	2,156	4,359
Iowa.....	5,853	7,134	13,287	753	207	960	0	0	960
Kansas.....	3,656	4,091	7,747	388	125	513	5,851	0	5,851
Kentucky.....	1,002	1,627	2,629	55	612	667	2,310	43	2,353
Louisiana.....	737	1,543	2,280	31	802	833	1,722	0	1,722
Maine.....	843	1,249	2,092	34	44	78	687	0	687
Maryland.....	1,562	3,372	4,934	4	1,169	1,169	932	186	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	1,012	507	1,519	6,446	171	6,617
Minnesota.....	1,056	2,984	7,010	857	577	1,434	3,727	108	3,925
Mississippi.....	1,755	1,491	3,246	118	11	121	837	0	837
Missouri.....	3,928	5,324	9,252	146	2,710	2,856	7,109	45	7,154
Montana.....	1,250	0	1,250	52	0	52	335	0	335
Nebraska.....	3,627	2,233	5,860	440	371	811	3,570	89	3,659
Nevada.....	321	0	321	0	0	0	0	0	0
New Hampshire.....	558	1,094	1,652	0	43	43	274	0	274
New Jersey.....	0	2,251	2,251	0	525	525	2,222	198	2,420
New Mexico.....	280	0	280	0	0	0	1,826	0	1,826
New York.....	6,955	25,529	32,484	0	8,503	8,503	6,307	0	6,307
North Carolina.....	1,273	3,942	4,315	140	196	336	3,330	325	3,755
North Dakota.....	1,027	775	1,802	91	0	91	1,370	0	1,370
Ohio.....	9,665	9,631	19,296	331	1,710	2,441	2,803	324	3,127
Oklahoma.....	2,150	770	2,920	212	112	324	8,433	0	8,433
Oregon.....	2,843	1,090	3,933	136	326	462	800	85	885
Pennsylvania.....	2,180	21,039	23,219	0	4,264	4,264	7,416	193	7,609
Rhode Island.....	243	987	1,180	0	0	0	481	0	481
South Carolina.....	1,536	2,340	3,876	43	20	63	2,917	0	2,917
South Dakota.....	917	1,261	2,168	111	0	111	2,504	157	2,661
Tennessee.....	664	3,672	4,336	179	849	1,028	1,214	260	1,474
Texas.....	3,602	4,342	7,944	425	840	1,265	7,225	44	7,269
Utah.....	1,699	0	1,699	196	0	196	0	0	196
Vermont.....	480	800	980	105	11	116	394	0	394
Virginia.....	2,066	3,061	5,127	480	323	803	4,219	1,225	5,444
Washington.....	3,809	277	4,086	152	31	213	2,412	0	2,412
West Virginia.....	818	439	1,257	85	0	85	1,768	152	1,920
Wisconsin.....	3,969	2,261	6,230	243	600	843	8,911	137	9,048
Wyoming.....	213	0	213	0	0	0	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	21,110,600	1,876,800	22,987,400
Alabama.....	557,114	34,825	6,465	678,161	20,543	598,704
Arizona.....	66,411	5,019	1,419	69,392	3,457	72,849
Arkansas.....	452,500	12,963	2,519	463,227	4,685	467,912
California.....	489,663	132,016	19,596	614,778	26,497	641,275
Colorado.....	179,523	26,181	6,267	206,018	5,953	211,971
Connecticut.....	257,885	28,761	4,409	245,125	45,430	291,055
Delaware.....	36,984	3,055	333	37,470	2,902	40,372
Dist. Columbia.....	75,802	10,755	6,202	63,240	17,519	80,759
Florida.....	191,711	11,680	1,184	197,182	7,396	204,578
Georgia.....	649,510	45,285	7,385	683,568	18,602	702,100
Idaho.....	95,745	13,601	1,679	106,373	4,652	111,025
Illinois.....	1,181,607	123,215	39,701	1,102,127	242,398	1,344,523
Indiana.....	513,369	75,002	13,071	570,983	33,289	603,982
Iowa.....	503,129	59,519	11,247	537,937	38,858	576,895
Kansas.....	362,818	56,540	14,111	415,529	17,940	433,169
Kentucky.....	536,625	27,948	5,949	536,722	33,500	570,222
Louisiana.....	325,885	25,954	4,835	328,131	28,513	356,674
Maine.....	135,546	20,318	2,867	142,348	10,422	158,771
Maryland.....	246,029	17,519	7,221	237,776	32,963	270,769
Massachusetts.....	621,197	120,690	24,020	634,362	131,545	765,907
Michigan.....	656,256	80,664	17,007	670,073	83,854	753,927
Minnesota.....	461,394	58,467	12,399	498,131	34,329	532,460
Mississippi.....	517,367	31,469	4,207	543,161	9,582	553,043
Missouri.....	652,340	67,485	19,262	675,565	63,532	739,127
Montana.....	111,410	12,468	1,837	123,849	4,896	128,745
Nebraska.....	284,175	31,234	3,330	307,903	17,838	325,739
Nevada.....	13,131	1,530	324	14,842	143	14,985
New Hampshire.....	70,097	14,756	1,969	66,853	20,569	87,422
New Jersey.....	546,990	55,427	5,196	604,511	43,072	607,613
New Mexico.....	85,804	4,192	2,106	87,962	4,140	92,102
New York.....	1,714,910	191,455	47,474	1,683,579	270,260	1,953,839
North Carolina.....	634,626	24,108	8,406	639,093	28,017	667,140
North Dakota.....	101,209	12,554	3,796	117,400	6,129	127,329
Ohio.....	946,353	140,327	24,864	965,159	166,385	1,131,511
Oklahoma.....	524,227	36,851	11,677	562,745	10,010	572,755
Oregon.....	127,700	23,703	5,570	140,831	7,112	166,973
Pennsylvania.....	1,198,969	142,494	35,792	1,521,500	152,675	1,677,255
Rhode Island.....	99,811	9,895	1,661	92,588	18,779	111,367
South Carolina.....	392,697	11,084	6,856	398,983	11,674	410,637
South Dakota.....	128,841	14,387	4,940	142,086	6,782	148,168
Tennessee.....	579,775	36,644	7,038	603,403	30,054	623,457
Texas.....	1,007,430	112,061	16,478	1,110,357	25,612	1,135,969
Utah.....	102,823	14,444	1,895	112,153	7,009	119,162
Vermont.....	59,645	9,917	1,490	63,028	8,024	71,052
Virginia.....	459,882	34,905	11,404	487,943	18,248	506,191
Washington.....	232,772	38,895	6,711	260,480	8,898	278,378
West Virginia.....	303,500	17,555	3,262	319,815	4,562	324,317
Wisconsin.....	473,504	83,195	16,201	462,516	80,354	542,900
Wyoming.....	35,895	3,684	213	38,532	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.



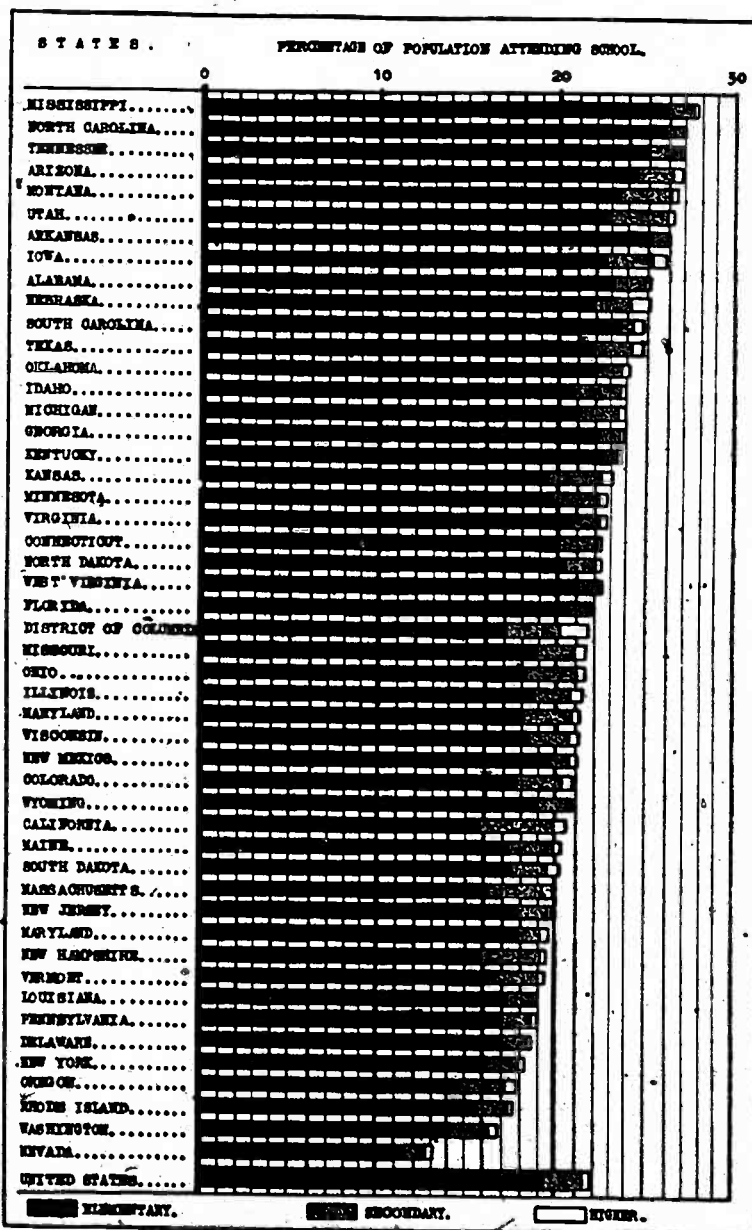


FIG. 9.—Percentage of total population enrolled in elementary schools, in secondary schools, and in higher educational institutions, 1917-18.

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	12,906	6.66	181	75	106	58.6	52
Arkansas	100,982	.19	163	128	35	21.4	38
California	89,532	31.70	180	87	93	50.8	43
Colorado	39,368	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	74	40.9	49
Dist. of Columbia	11,651	35.62	174	92	82	47.0	26
Florida	44,434	2.06	168	100	68	40.4	27
Georgia	166,867	1.07	168	100	59	35.1	30
Idaho	21,465	.74	178	145	33	18.5	40
Illinois	238,698	19.94	181	90	91	50.2	80
Indiana	111,682	12.07	166	75	81	52.0	60
Iowa	104,215	9.56	176	107	69	39.2	37
Kansas	80,078	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	99	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	97,089	14.35	184	115	69	37.5	43
Mississippi	119,481	.89	174	95	79	45.4	30
Missouri	148,621	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	29.07	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	86	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	90	111	58.0	64
Pennsylvania	375,250	6.51	191	110	81	42.4	37
Rhode Island	23,095	23.62	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	1.85	176	85	91	51.8	54
Utah	23,834	1.48	175	115	60	24.2	27
Vermont	13,693	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	193	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	10,061	479,989	47,778,970	260,782
Alabama.....	3	44	1,420	137,418	743
Arizona.....	16	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	12,048	1,537,228	8,565
Delaware.....	4	6	291	29,870	169
Dist. Columbia.....	3	160	4,151	383,564	2,221
Florida.....	5	35	957	96,173	574
Georgia.....	10	60	1,791	195,081	1,163
Idaho.....	2	4	158	22,832	128
Illinois.....	34	697	47,568	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	220,293	1,306
Kentucky.....	7	80	3,663	349,038	1,906
Louisiana.....	1	95	3,477	344,708	1,858
Maine.....	2	44	1,833	151,691	923
Maryland.....	4	76	2,006	186,689	1,143
Massachusetts.....	24	657	21,522	2,294,035	12,758
Michigan.....	26	719	35,776	3,640,549	19,704
Minnesota.....	12	304	13,071	1,506,593	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	4,609
Nevada.....	7	7	298	32,216	183
New Hampshire.....	1	53	1,332	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	60,930
North Carolina.....	2	26	613	83,897	457
North Dakota.....	2	9	219	31,161	166
Ohio.....	17	583	27,210	3,220,363	17,385
Oklahoma.....	3	43	2,842	288,541	1,644
Oregon.....	8	509	40,492	40,492	212
Pennsylvania.....	26	652	24,396	2,682,785	14,081
Rhode Island.....	5	110	5,223	444,429	2,426
South Carolina.....	5	11	566	55,826	327
South Dakota.....	2	21	917	98,024	577
Tennessee.....	12	74	327	42,078	249
Texas.....	7	74	3,990	837,756	1,918
Utah.....	13	354	354	40,606	232
Vermont.....	18	368	368	41,606	251
Virginia.....	11	56	2,072	188,181	1,071
Washington.....	2	31	1,664	167,113	928
West Virginia.....	2	7	221	84,009	166
Wisconsin.....	18	560	24,322	2,925,607	15,194
Wyoming.....	3	91	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	320,891
Alabama.....	3	1	24	709	54,261	325
Arizona.....	3		14	720	49,993	273
Arkansas.....	37	3	575	25,522	2,179,756	11,996
California.....	6	1	106	6,145	367,494	2,016
Connecticut.....	24	3	235	10,513	1,312,350	7,317
Delaware.....						
Dist. Columbia.....	1	2	157	4,089	377,684	2,183
Florida.....	4	2	13	282	32,804	206
Georgia.....	3	1	28	829	91,999	553
Idaho.....						
Illinois.....	21	2	493	42,929	3,762,446	20,673
Indiana.....	23	4	167	8,328	894,390	4,738
Iowa.....	21	1	194	7,675	768,375	4,336
Kansas.....	9		36	2,018	165,680	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	136,949	799
Maryland.....	1		47	1,264	117,706	665
Massachusetts.....	30	5	604	19,951	2,083,107	11,749
Michigan.....	54	14	586	30,033	2,972,581	16,164
Minnesota.....	11	2	245	10,923	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	3,154
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	35
Ohio.....	23	3	393	20,805	2,503,616	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	5,229	30
South Dakota.....	4		14	514	61,035	361
Tennessee.....	1		6	90	12,018	77
Texas.....	13	2	61	3,672	289,469	1,647
Utah.....	2		13	354	40,606	232
Vermont.....	3		14	263	32,725	192
Virginia.....	2	2	22	962	107,566	596
Washington.....	3		22	1,348	138,444	768
West Virginia.....						
Wisconsin.....	50	4	451	20,289	2,464,414	12,633
Wyoming.....						

TABLE 20.—Statistics of kindergartens 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	13,683	74
Arkansas.....	3		3	157	19,920	122
California.....	45		57	2,037	205,432	1,212
Colorado.....						
Connecticut.....	3		3	136	17,362	95
Delaware.....						
Dist. Columbia.....						
Florida.....	4		4	152	18,759	123
Georgia.....	1		1	26	3,222	18
Idaho.....	2		2	91	13,512	78
Illinois.....	9		17	425	46,880	276
Indiana.....	1		1	17	1,600	10
Iowa.....	59		61	1,801	252,228	1,387
Kansas.....	4		4	159	20,567	116
Kentucky.....						
Louisiana.....	4		4	265	37,084	212
Maine.....						
Maryland.....						
Massachusetts.....	1		1	30	3,000	18
Michigan.....	91		110	4,105	506,214	2,958
Minnesota.....	21	1	39	1,507	188,010	1,027
Mississippi.....	5		6	148	18,610	118
Missouri.....	6		7	271	32,980	186
Montana.....						
Nebraska.....	58		61	1,745	239,457	1,358
Nevada.....	3		3	77	10,461	56
New Hampshire.....	1		2	35	8,843	21
New Jersey.....	40		47	1,912	214,140	1,154
New Mexico.....	3		3	170	22,805	129
New York.....	26		40	1,549	160,596	858
North Carolina.....	1		1	40	5,120	32
North Dakota.....	5		5	105	15,185	96
Ohio.....	3		4	131	17,664	98
Oklahoma.....	6		6	210	26,108	149
Oregon.....						
Pennsylvania.....	3		4	262	38,900	225
Rhode Island.....	1		1	78	2,928	16
South Carolina.....						
South Dakota.....	1		1	66	5,400	30
Tennessee.....	1		1	93	13,500	75
Texas.....						
Utah.....						
Vermont.....	1		1	36	4,050	25
Virginia.....						
Washington.....	2		2	87	7,700	44
West Virginia.....	1		2	75	8,400	60
Wisconsin.....	72		78	2,980	345,741	1,925
Wyoming.....	3		3	91	10,703	61

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

States.	Cities and villages reporting.	Super- visors.	Teachers.	Pupils.	Aggregate attend- ance.	Average daily at- tendance.
1	2	3	4	5	6	7
United States.....	1,031	77	8,844	433,377	43,329,118	235,329
Alabama.....	3	1	21	709	51,261	325
Arizona.....	5		16	839	62,676	347
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	51,566	329
Georgia.....	1	1	29	855	95,221	571
Idaho.....	2		2	91	13,512	78
Illinois.....	30	2	610	43,354	3,806,326	20,943
Indiana.....	24	4	168	8,345	899,990	4,748
Iowa.....	80	1	255	9,476	1,021,603	5,723
Kansas.....	13		40	2,177	184,247	1,138
Kentucky.....	5	1	67	3,226	300,968	1,627
Louisiana.....	7	1	95	3,477	341,708	1,958
Maine.....	6		37	1,444	136,849	799
Maryland.....	1		47	1,264	117,705	665
Massachusetts.....	31	5	605	19,981	2,096,167	11,767
Michigan.....	145	14	696	34,138	3,538,795	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	3,700,047	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	20,936	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	107,666	596
Washington.....	5		24	1,435	146,144	802
West Virginia.....	1		2	75	8,400	60
Wisconsin.....	122	4	639	23,279	2,810,155	14,558
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 attendance.
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.....	2	1	2	35	4,599	28
Arkansas.....	16	8	24	874	86,986	515
California.....	6	2	7	264	30,422	175
Connecticut.....	27	10	39	1,397	207,216	1,153
Delaware.....	8	4	6	291	29,870	189
Dist. Columbia.....	2	1	3	62	5,880	35
Florida.....	9	3	18	523	44,610	245
Georgia.....	22	9	31	936	99,860	592
Idaho.....	2	2	2	67	9,320	50
Illinois.....	60	32	87	4,214	450,191	2,558
Indiana.....	53	14	54	5,139	115,635	1,759
Iowa.....	15	8	17	485	45,954	349
Kansas.....	4	4	5	211	34,046	171
Kentucky.....	10	6	13	437	48,070	279
Louisiana.....	6	3	7	189	14,842	124
Maine.....	6	4	7	742	80,984	478
Maryland.....	16	4	29	1,541	197,868	986
Massachusetts.....	33	19	52	1,541	197,868	986
Michigan.....	19	12	23	1,638	101,754	582
Minnesota.....	15	9	20	641	69,013	375
Mississippi.....	4	3	3	97	12,840	71
Missouri.....	22	10	25	903	125,231	601
Montana.....	3	2	3	127	15,049	85
Nebraska.....	5	5	6	132	17,727	97
Nevada.....	2	1	3	83	8,403	46
New Hampshire.....	26	16	28	688	86,825	478
New Jersey.....	1	0	2	27	3,600	20
New Mexico.....	213	54	296	11,046	991,396	5,253
New York.....	8	2	12	325	40,891	226
North Carolina.....	2	2	3	65	9,676	48
North Dakota.....	113	14	186	6,274	699,083	3,564
Ohio.....	4	2	4	97	10,476	59
Oklahoma.....	52	21	60	1,983	224,672	1,356
Oregon.....	6	4	9	341	48,228	270
Pennsylvania.....	10	5	10	521	60,606	297
Rhode Island.....	4	2	6	337	31,589	196
South Carolina.....	5	0	5	144	17,460	97
South Dakota.....	10	5	13	418	48,287	271
Tennessee.....	2	0	3	69	4,591	34
Texas.....	20	9	34	1,110	80,615	475
Utah.....	9	2	7	229	20,969	121
Vermont.....	7	2	5	146	25,609	108
Virginia.....	26	14	31	1,043	116,452	636
Washington.....						
West Virginia.....						
Wisconsin.....						
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



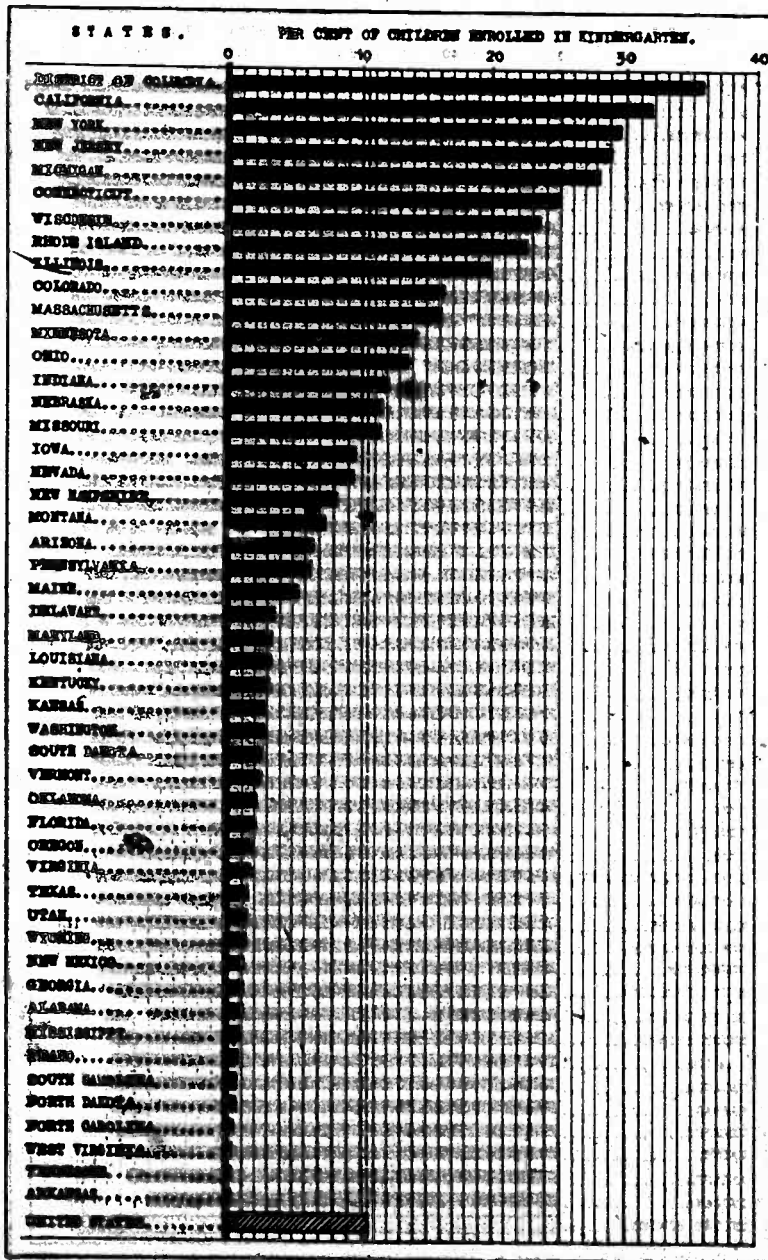


FIG. 10.—Percentage of children of kindergarten age enrolled in kindergarten, 1917-18.

59873°—21—4

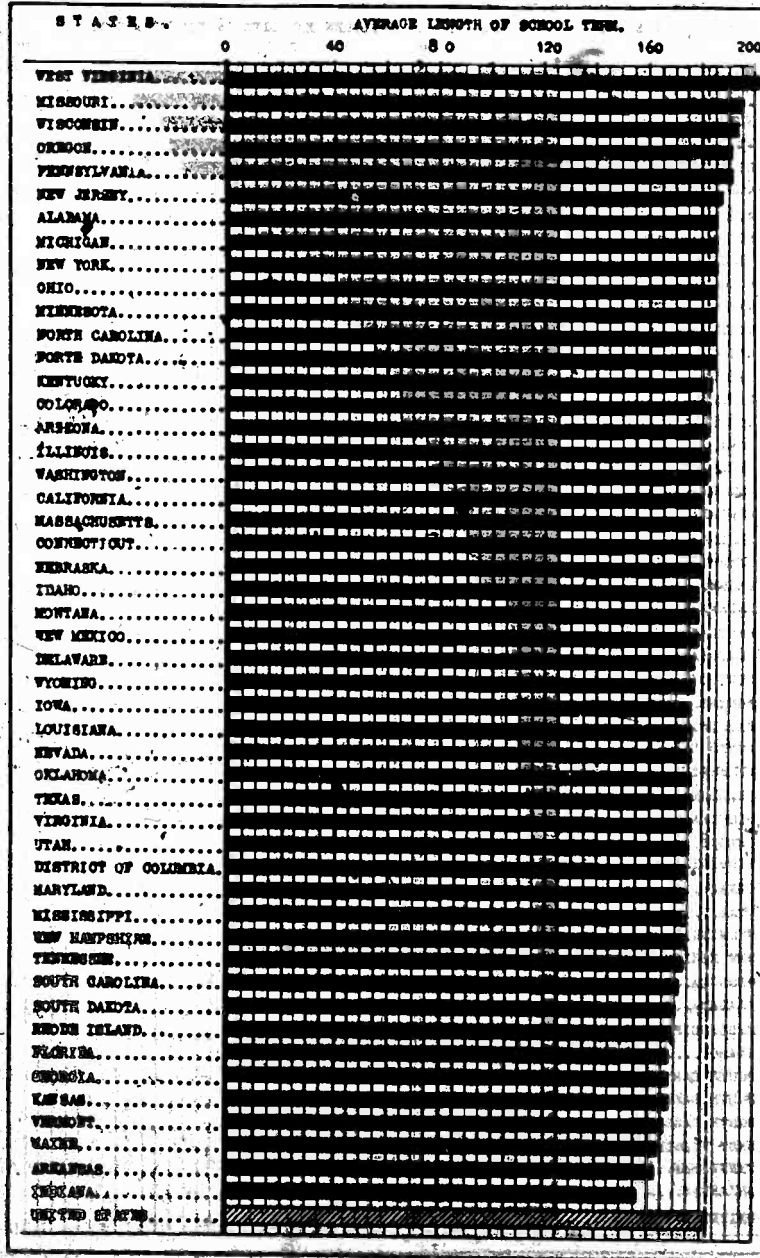


FIG. 31.—Average length of the kindergarten school term, 1917-18.

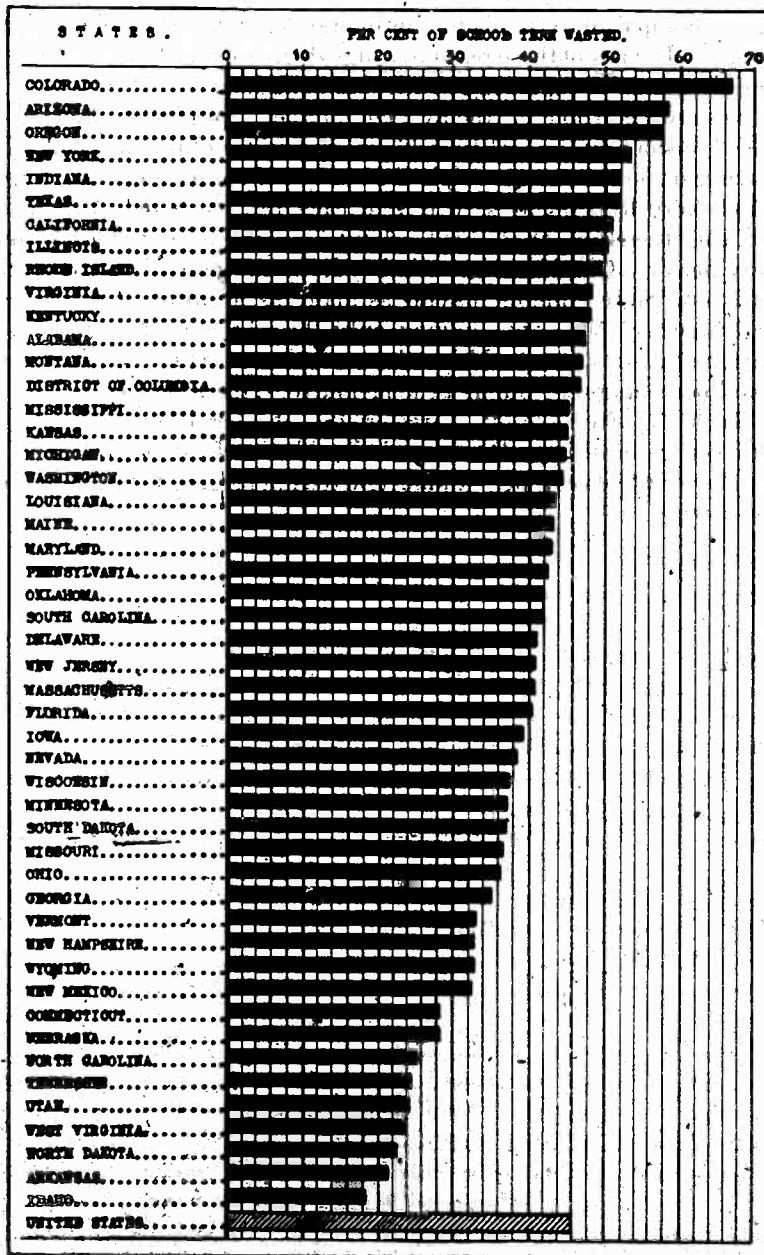


FIG. 12.—Percentage of the kindergarten school term wasted by irregular attendance, 1917-18.

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.

## CHAPTER II.

### STATE SCHOOL SYSTEMS, 1917-18.

CONTENTS.—Schools represented—School attendance—Enrollment in high school—Length of school term—Enrollment of pupils—School mortality—Teachers—School buildings—Value of public school property—The school debt—Receipts—Expenditures—Statistics of colored schools.

#### SCHOOLS REPRESENTED.

The statistics found in this report on State school systems relate solely to the public elementary and secondary schools. In no case have the statistics of standard colleges, universities, and professional schools been included. The information contained herein has been supplied by the various State offices of education. It has been found necessary in several instances to supplement the reports from other sources and to make estimates for information not supplied by or not available in the State office. No attempt has been made to separate the financial statistics of elementary and secondary schools, in case the State office did not do so. In fact the data furnished have not warranted any very accurate deductions regarding the cost of elementary and secondary schools. The statistics reported, however, have been included. It is hoped that in the future the statistics of elementary and secondary schools may be kept wholly separate and distinct, as has now been practically agreed upon by every State office.

This chapter includes the statistics of city, village, and rural schools combined. It should be added that it is possible in many cases to obtain rural school statistics from this chapter, by subtracting from the totals given herein the corresponding numbers found in the chapter on city school systems.

The only statistics of private schools included herein relate to the enrollment in private elementary and secondary schools. Wherever such data have been used, their inclusion has been definitely indicated.

The statistics in this chapter include both white and colored pupils. In a few tables the statistics of schools for white and for colored children have been treated separately.

The statistics of our outlying possessions have been given in so far as reported, but have not been included in the totals for the continental United States, nor have they been used in any of the graphic studies which follow.

TABLE 1.—Review of statistics of elementary and secondary schools combined, 1870-1918.

	1870	1880	1885	1890	1895	1900	1905	1910	1915	1918
<b>I.—General statistics.</b>										
Total population.....	28,568,271	40,116,723	49,271,868	53,622,350	56,844,341	75,002,515	82,684,061	91,772,266	100,990,318	106,283,300
Children 5 to 14 years of age.....	12,063,443	15,948,787	16,773,109	18,645,301	19,911,050	21,404,322	23,410,800	24,289,948	26,426,100	27,666,476
Public employed (excluding diplo- mats).....	8,871,892	9,367,666	11,369,024	12,722,581	14,243,765	15,608,110	16,468,300	17,818,862	19,704,200	20,883,510
Public employed in public high schools.....	189,237	110,377	169,157	202,383	340,049	519,251	679,702	915,081	1,328,384	1,645,171
Average daily attendance.....	4,071,367	6,144,143	7,297,628	8,183,683	9,546,723	10,682,772	11,484,531	12,827,307	14,826,000	15,540,914
Total number of days attended by all pupils.....	289,028,420	200,714,970	263,481,066	1,088,202,725	1,331,778,301	1,624,827,683	1,782,845,238	2,011,477,065	2,339,984,558	2,468,424,309
Men teachers.....	171,528	122,785	121,702	126,245	159,708	159,058	110,522	110,481	108,449	105,194
Women teachers.....	121,989	146,798	204,124	238,307	264,389	286,474	346,737	413,729	486,852	645,515
Total teachers.....	293,517	269,583	225,826	364,552	394,097	445,532	457,259	524,210	595,291	650,709
Number of schoolhouses.....	116,312	173,122	205,319	224,026	229,030	245,379	265,325	285,474	279,941	270,637
Value of all school property.....	\$128,388,066	\$209,571,718	\$288,068,536	\$345,281,791	\$440,606,023	\$550,089,317	\$723,446,308	\$1,091,007,512	\$1,567,591,225	\$1,983,508,318
<b>II.—Receipts and disbursements.</b>										
Receipts:										
From increase of permanent funds and lands.....										
From real estate.....										
From State taxes.....										
From all other sources.....										
Total.....										
Disbursements:										
For sites, buildings, furniture, libraries, and apparatus.....										
For salaries of principals, superintendents, and teachers.....										
For all other purposes.....										
Total.....										

STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918.

III. Derivative statistics.	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918
Ratio of school population to total population.....	31.3	30.1	29.8	29.6	28.9	28.3	28.4	26.4	26.3	25.8	25.4	25.3	25.3	25.4	25.3	25.4	25.3	25.4
Per cent of total population enrolled	37.82	19.87	20.27	20.32	20.09	20.51	19.94	19.66	19.63	19.81	19.63	19.63	19.63	19.63	19.63	19.63	19.63	19.63
Per cent of children 5 to 18 years of age enrolled.....	47.00	65.50	67.96	68.01	71.54	72.43	70.36	73.49	74.57	75.32	74.57	74.57	74.57	74.57	74.57	74.57	74.57	74.57
Per cent of population high school age enrolled.....	1.2	1.1	1.4	1.5	2.5	3.3	4.1	6.1	6.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
Per cent of children enrolled attend- ing each day.....	64.3	62.3	64.0	64.1	67.0	68.6	69.7	72.1	71.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
Average number of days the schools were in session.....	132.2	120.3	130.7	134.7	130.5	144.8	160.9	167.6	169.4	166.7	166.7	166.7	166.7	166.7	166.7	166.7	166.7	166.7
Average number of days presented to each child.....	94.5	91.2	91.5	94.3	97.7	101.1	106.7	110.3	111.6	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
Average number of days attended by each child 5 to 15 years of age.....	78.4	81.1	81.6	81.2	83.5	88.0	108.2	113.0	121.2	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9
Average number of days attended by each child 16 to 18 years of age.....	46.7	73.5	84.3	59.2	65.9	71.8	74.0	88.0	90.4	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
Per cent of non-teachers.....	28.7	42.8	37.4	34.8	33.6	29.0	24.0	21.1	19.6	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
Average annual salaries of all teachers.....	\$189	\$185	\$224	\$252	\$296	\$325	\$390	\$493	\$543	\$635	\$635	\$635	\$635	\$635	\$635	\$635	\$635	\$635
Per cent of revenue derived from—																		
State taxes.....			15.4	15.4	4.4	4.2	4.4	3.2	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Federal taxes.....			67.9	67.9	19.6	17.2	34.7	14.9	15.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
Local taxes.....			3.3	3.3	8.7	66.0	66.6	72.1	77.5	78.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
All other sources.....			11.6	11.6	8.7	10.6	11.3	9.8	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Per cent of expenditures devoted to—																		
Salaries.....			71.6	71.6	16.7	16.5	19.3	16.4	17.0	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
Other purposes.....			66.1	66.1	64.9	64.0	60.9	64.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
Per capita per annum.....			\$1.60	\$1.60	\$2.55	\$2.84	\$3.63	\$4.64	\$5.08	\$5.73	\$5.73	\$5.73	\$5.73	\$5.73	\$5.73	\$5.73	\$5.73	\$5.73
Per capita per day.....			\$15.55	\$15.12	\$18.41	\$20.81	\$25.40	\$32.23	\$46.43	\$46.43	\$46.43	\$46.43	\$46.43	\$46.43	\$46.43	\$46.43	\$46.43	\$46.43
Per capita per day.....			11.8	9.7	12.8	14.0	16.8	21.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4

\* Several States not included in this average.  
 \* Computed by dividing each number by the average number of days, 187.0 to 1918.

† United States census reports or estimates thereon.  
 ‡ For 1917.

## SCHOOL ATTENDANCE

By reference to Table 1 it is found that 19.81 per cent of the estimated total population is enrolled in school. In other words, almost one-fifth of the total population is enrolled in the public elementary and secondary schools. As will be noted in figure 1, the highest percentage of the total population was enrolled in 1895. Since that date the percentage has decreased, except in 1918, when a slight rise is evident. The percentage has not shown any very great variation from the 20 per cent line at any date represented. The slight decrease since 1900 has not been due to a smaller percentage of children enrolling in school, but to the decreasing percentage of children in the total population as shown in Table 1, where the ratio has decreased from 31.3 per cent in 1870 to 26.4 per cent in 1910.

It is shown in figure 1 that the percentage of children 5 to 18 years of age who are attending school has increased gradually since 1870, except in 1905. The gradual rise in the dotted curve in figure 1 shows that the schools are enrolling an increasing percentage of the total school population.

A further commendable condition is apparent in figure 1, in that the children who do enroll in school attend more regularly in recent years than they did several decades ago. In 1870 fewer than 60 out of each 100 pupils enrolled attended school each day, while in 1915 over 76 pupils in 100 enrolled attended each day the schools were in session. The slight falling off in school attendance in 1918 is undoubtedly due to the war, since unusual opportunities were afforded for increasing school delinquency. The increase in the percentage of school attendance is probably due in a large measure to the more effectiveness of our compulsory attendance laws, which not only cause more children to attend school, but also compel more regular attendance on the part of those who enroll. Better teaching, better supervision, a more suitable course of study, transportation of pupils, and improved conditions in general also tend to produce this commendable tendency. The gradual rise of these two curves is unmistakable evidence that our school systems are getting better. There is still room for improvement, however, as about one-fourth of the children of school age are still out of the public schools, and only three children out of every four enrolled attend daily.

## CHILDREN IN AND OUT OF SCHOOL

When the number of children enrolled in private and parochial schools is considered, it is found that an additional 4.9 per cent of the children 5 to 18 years of age are enrolled in such schools. This means that only 17.8 per cent of the children of school age are not enrolled in either public or private elementary and secondary schools.



An inspection of figure 2 shows that four States and the District of Columbia, have more pupils enrolled in public and private schools than there are children 5 to 18 years of age. This apparent inconsistency is probably explained by the fact that there has been a greater influx of population to Montana, Arizona, California, Washington, and the District of Columbia than census estimates based on 1910 can take account of. Figure 2 shows the number of children enrolled

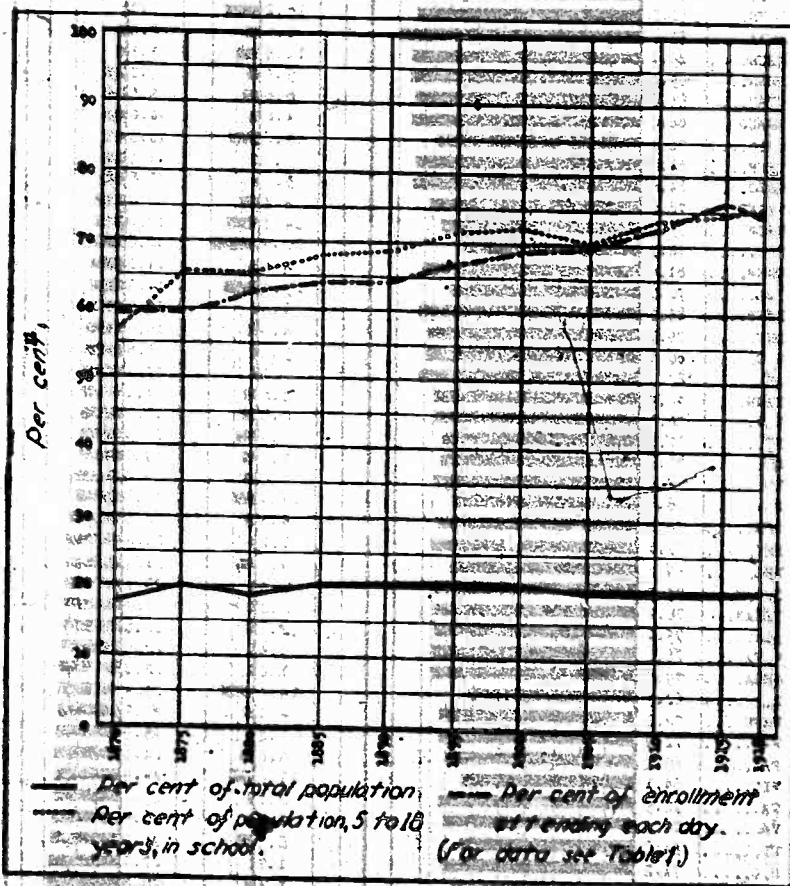


FIG. 1.—School attendance at various times, 1870-1918.

in the public schools, in private schools, and not in any school. It is shown that 10 States have over 10 per cent of the children of school age enrolled in private and parochial schools. New Hampshire and the District of Columbia have over 20 per cent of the children of school age enrolled in such schools. Two States, Montana and Arizona, have more children enrolled in the public schools than there are children between the ages of 5 and 18. Twenty States have over

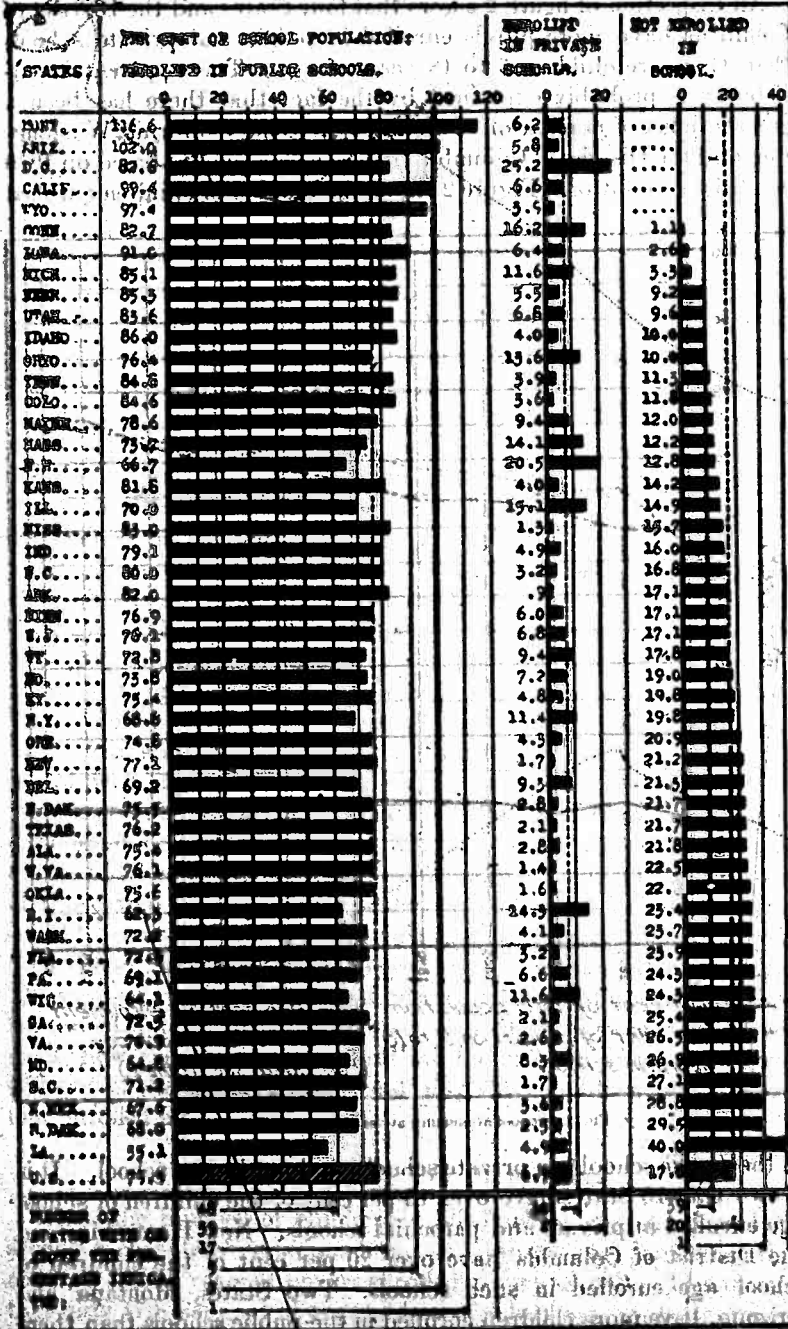


FIG. 1.—Per cent of school population, 5-11 years, in and out of school, 1917-18.

one-fifth of the children of school age out of school. This condition may signify that a more effective compulsory attendance law should be enacted by these States. In one State, Louisiana, 40 per cent of the children are not enrolled in school. In figure 2 the States are ranked on the total percentage of children in public and private schools.

#### ENROLLMENT IN HIGH SCHOOL.

With the widespread influence of the modern secondary school a larger and larger percentage of the total school population is being enrolled in high school. It is of interest, therefore, to measure this increase. In 1918 there were enrolled 1,933,821 students in the public secondary schools of the country. This number is 9.3 per cent of the 20,853,516 pupils enrolled in the public schools. It should be remarked in this connection that the number of students in high schools, just given, is the number of such students reported by the State offices of education, and presumably is correct. The special chapter on high schools, prepared by the Bureau of Education in 1918, shows an enrollment of 1,645,171 students, but reports were not received from all of the high schools in the United States. This number, however, is 7.9 per cent of the total enrollment in both types of schools, and is more comparable to the other percentages which are given in Table 1, and which have been ascertained in like manner. In Table 1 it is shown that the percentage of pupils enrolled in high school in 1870 was only 1.2 per cent of the total school enrollment. This percentage has increased gradually since that date to 1.4 per cent in 1885, 2.5 per cent in 1895, 4.1 per cent in 1905, and 6.7 per cent in 1915.

While these percentages indicate an upward tendency for the whole United States, considerable diversity exists among the States with respect to the percentage of pupils enrolled in high schools. By reference to figure 3, it will be noted that the percentage decreases from 19 in California to 2.2 in South Carolina. In other words, California has almost nine times as great a proportion of children in high schools as South Carolina. New Hampshire ranks second with a percentage of 18.1, and Massachusetts third with a percentage of 17.2. The striking inequality in these percentages for the various States indicates that secondary education is still a minor factor in a large number of States.

#### LENGTH OF THE SCHOOL TERM.

The average length of the school term provided in the different States is shown in figure 4. It should be distinctly understood that the averages given do not apply to all the pupils attending school in the respective States. For instance, cities usually provide a school term of at least nine months, while many rural schools in the poorer

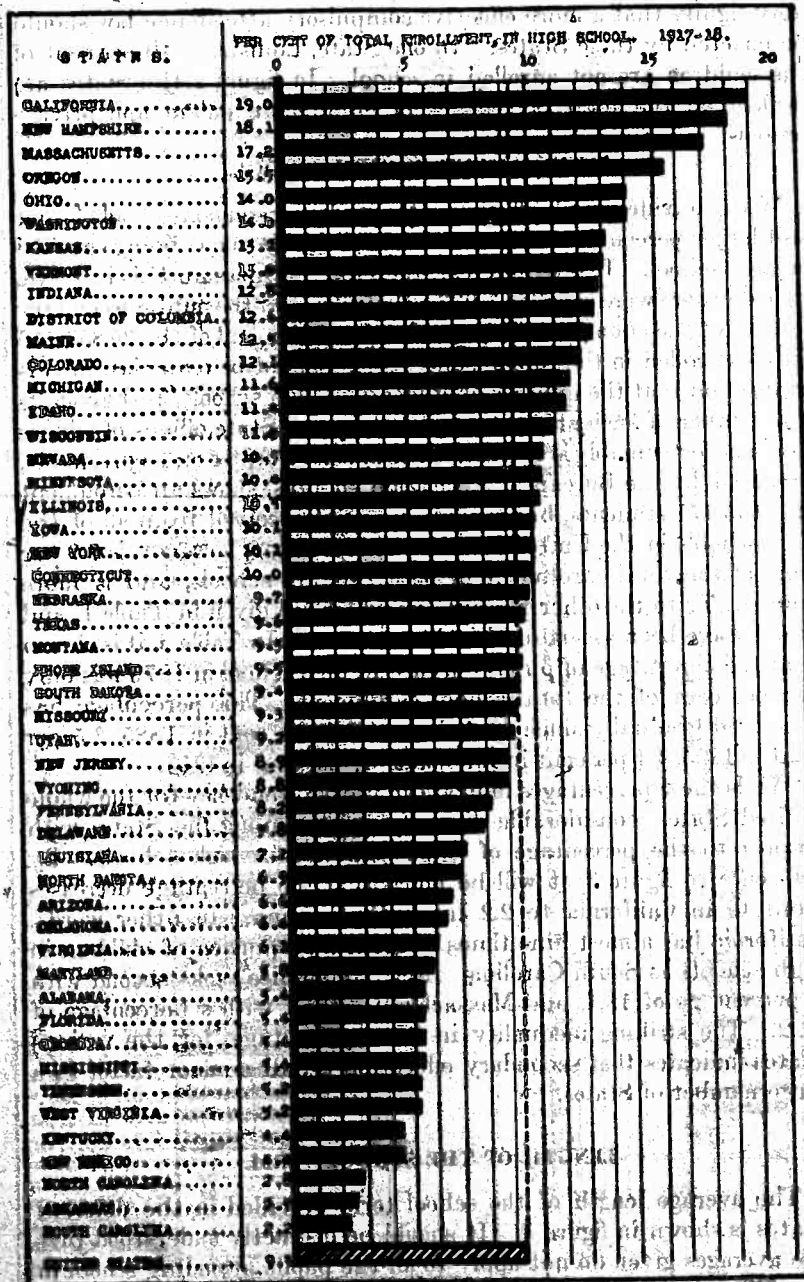


FIG. 3.—Per cent of total enrollment in secondary schools, 1917-18.

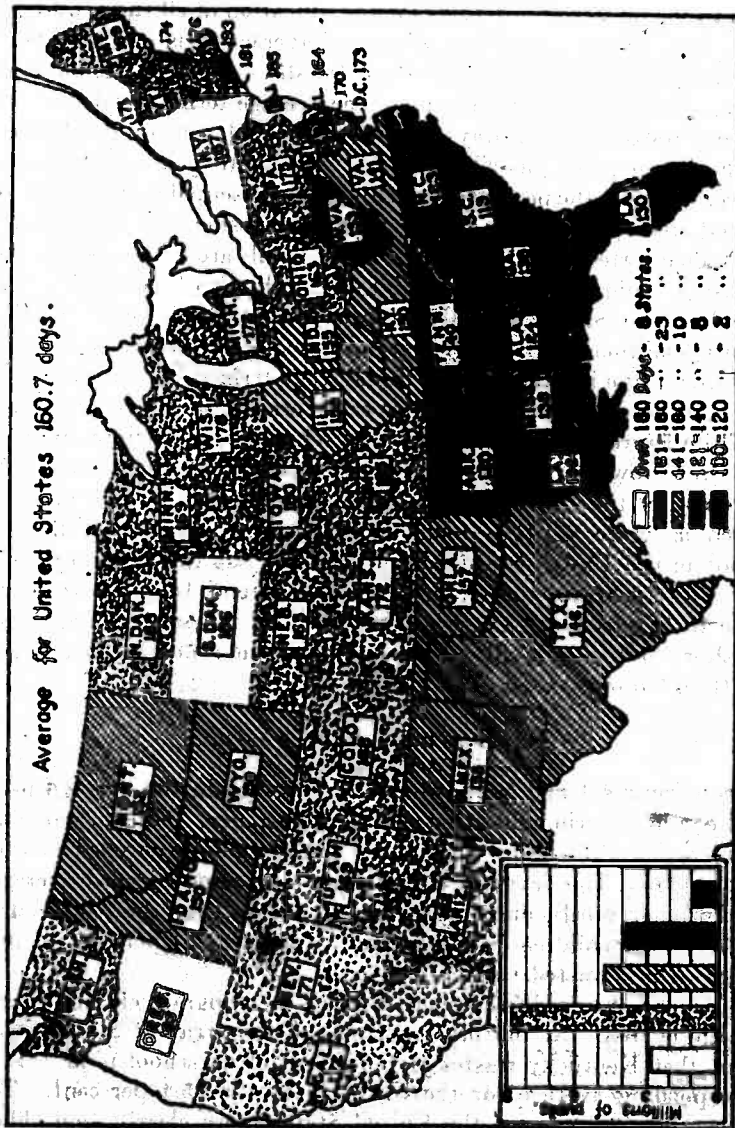


FIG. 4. - Average length of the school term, 1917-18.

districts often are in session only a very few months in the year. The averages given, however, represent tendencies and point out in no unmistakable way the different levels to which the States have risen in the matter of providing for the education of all their children.

The map shows that 6 States have an average term of 180 days or over and 23 States a term of 161 to 180 days. Ten States have an average term less than 7 months. The average term provided in the United States is 160.7 days. Since the population of the United States is unequally distributed, one is likely to gain an erroneous impression as to the percentage of children represented by the different shaded areas. To rectify any such false impression, the corner graph has been inserted to show just how many pupils are to be found in the different shaded areas. Thus, almost 9 millions of children attend school in the States which have been "concreted" or "dotted," almost 5 millions in the angle-hatched area, etc. Almost 5 millions of children live in States where the average term is 7 months or less. Only 3 millions live in States where the average term is over 180 days.

While figure 4 shows the length of school term provided, it does not show how many days each pupil attends. A better measure, therefore, of the amount of schooling actually given in each State is shown in figure 5. It is found that the average child enrolled in school in the United States attends a little less than 120 days per year. In 10 States the children enrolled attend 141 days or more, while in 14 States the average term attended is less than 100 days. In other words, over 6 millions of children attend school on an average less than 5 months each year.

#### PART OF SCHOOL TERM WASTED

From figures 4 and 5, it is possible to ascertain the average part of the school term not attended. For instance, Indiana provides an average school term of 155 days, but the pupils enrolled attend only 144 days. The days not attended by each pupil enrolled average 11. In other words, during 7.1 per cent of the time the schools are in session the children do not attend. In short, 7.1 per cent of the school term is wasted.

As will be observed from figure 6, this is a comparatively small percentage of loss. At the other extreme of the array of States, it is found that Kentucky wastes 41.1 per cent of its school term. The corresponding average for the United States is 25.4 per cent. To express this average for the United States more clearly, one child out of every four enrolled in school will be absent each day the schools are in session. We are still wasting one-fourth of the school term by irregular attendance. Herein lies the proof of the effectiveness of a State's compulsory attendance law. A good attendance law, rigidly

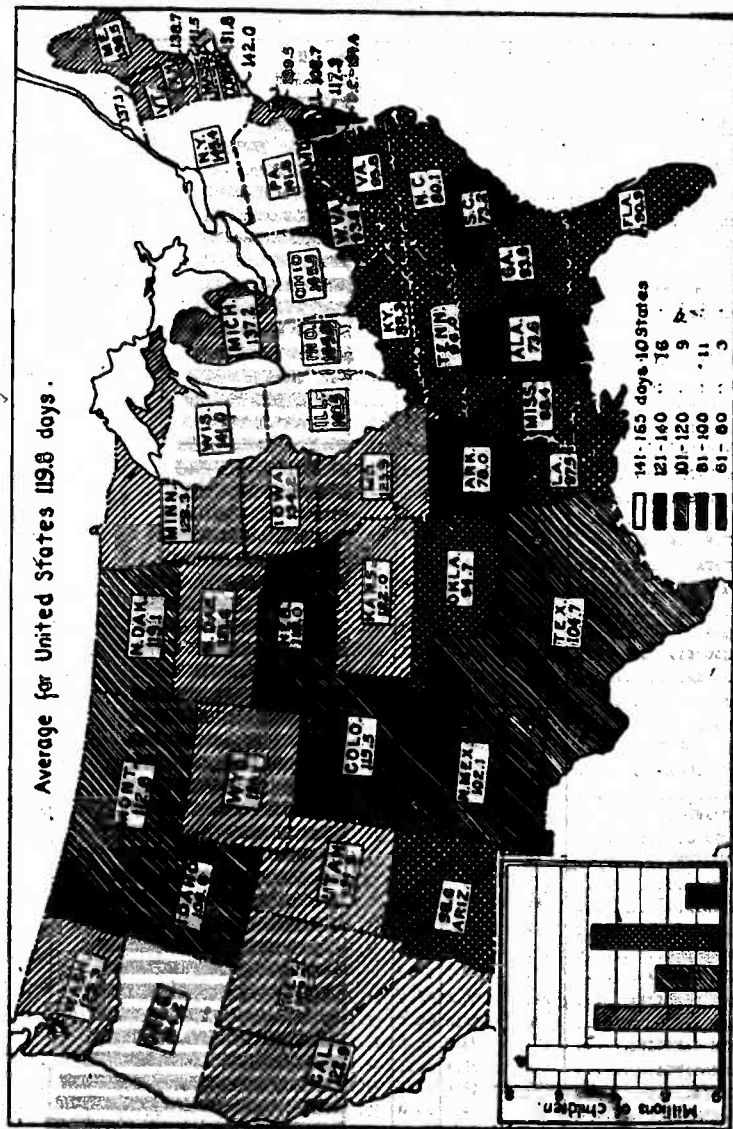


FIG. 1.—Average number of days of school attended by each pupil employed, 1917-18.

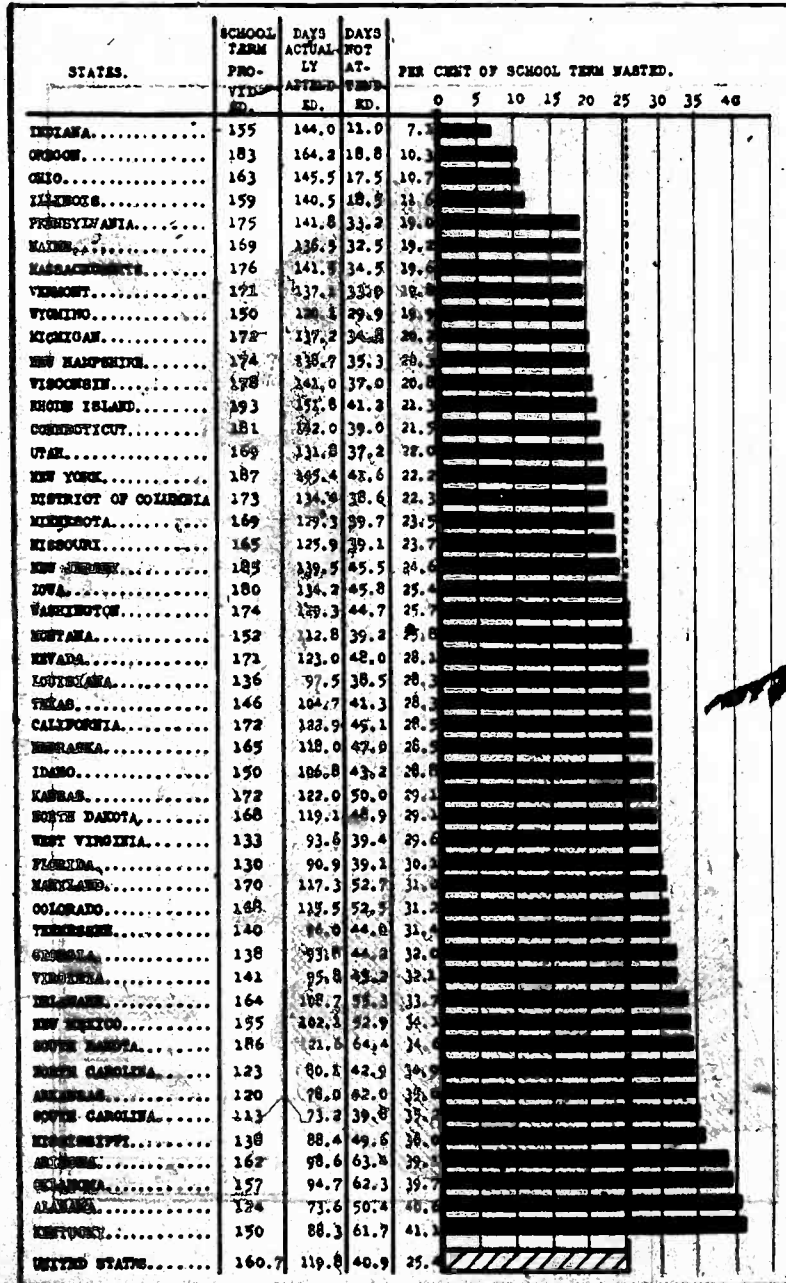


FIG. 6.—Per cent of school term not attended by pupils enrolled, 1917-18.



enforced in every State, undoubtedly would reduce this enormous waste due to irregular attendance.

An attempt has been made in figure 7 to show what this loss means to each State in dollars. Of course the larger States will incur the greater financial loss, and for this reason the States have not been ranked, but placed in alphabetical order. Alabama fails to take advantage of 40.6 per cent of its school term, for the maintenance of which it spends \$6,066,294, as shown in Table 56. It spends, therefore, \$2,462,879 for the maintenance of schools which the children do not attend. This loss, however, is partly theoretical, since the children who do attend may derive greater benefit from the school work than they would if the schools were crowded to their maximum capacity. New York spends almost 18 millions of dollars for educating children who are absent from school; Pennsylvania, over 13 millions; and California almost 10 millions. Altogether, the United States wastes over 190 millions of dollars annually for teaching children who are out of school.

The loss due to irregular and to nonattendance is not now so great as it has been in the past. From figure 8 it will be observed that the pupils enrolled attend more regularly than was the practice 30 or 40 years ago and that a larger percentage of the total number of children of school age are found in the public school. The upper curve in figure 8 represents the average school term provided at the different quinquennial periods. The dotted curve shows the average number of days attended by the pupils enrolled. The lower curve gives the average number of days attended by each person of school age, i. e., from 5 to 18 years. The dark area shows the waste due to irregular attendance and the concreted area the loss of time due to the nonattendance of persons of school age. The combined areas represent the part of our school term wasted by children who should be in attendance.

In 1870 the children enrolled attended school only 78 days out of the 132 days provided. In other words the average pupil was absent from school 54 days, or 41 per cent of the time the schools were in session. In 1918 the average pupil lost only 40 days, or 25 per cent of the 160 days of schooling provided. Irregular attendance has been reduced, therefore, from 41 per cent to 25 per cent within this period of almost half a century. If the actual attendance of children of school age is considered, it is found that the average child in 1870 attended only 45 out of the 132 days of school provided. This means a loss of 87 days of schooling during the year, or almost two-thirds of the school term. In 1918 the average child of school age attended 90 days out of the 160 days of schooling provided. The loss, therefore, is 70 days, or almost 44 per cent of the average school

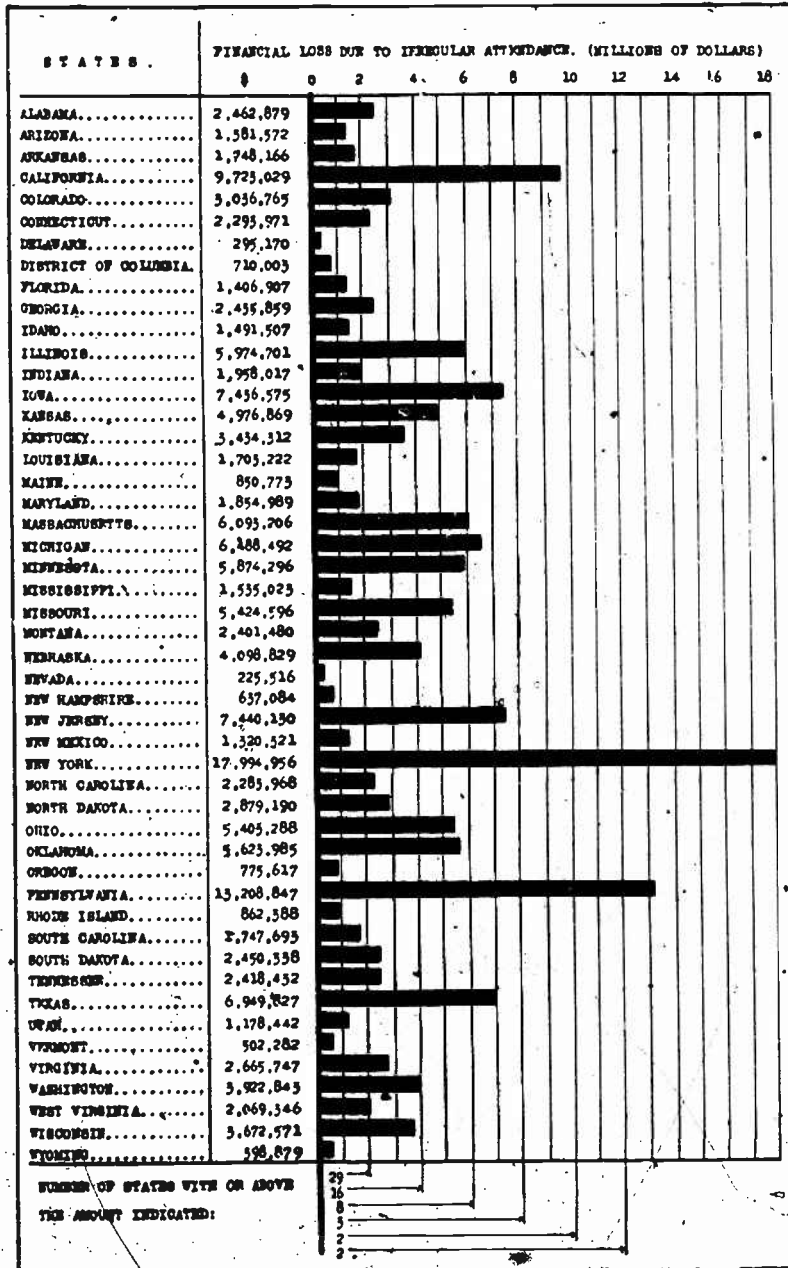


FIG. 7.—Amount spent by each State for the nonattendance of pupils who are enrolled, 1917-18.

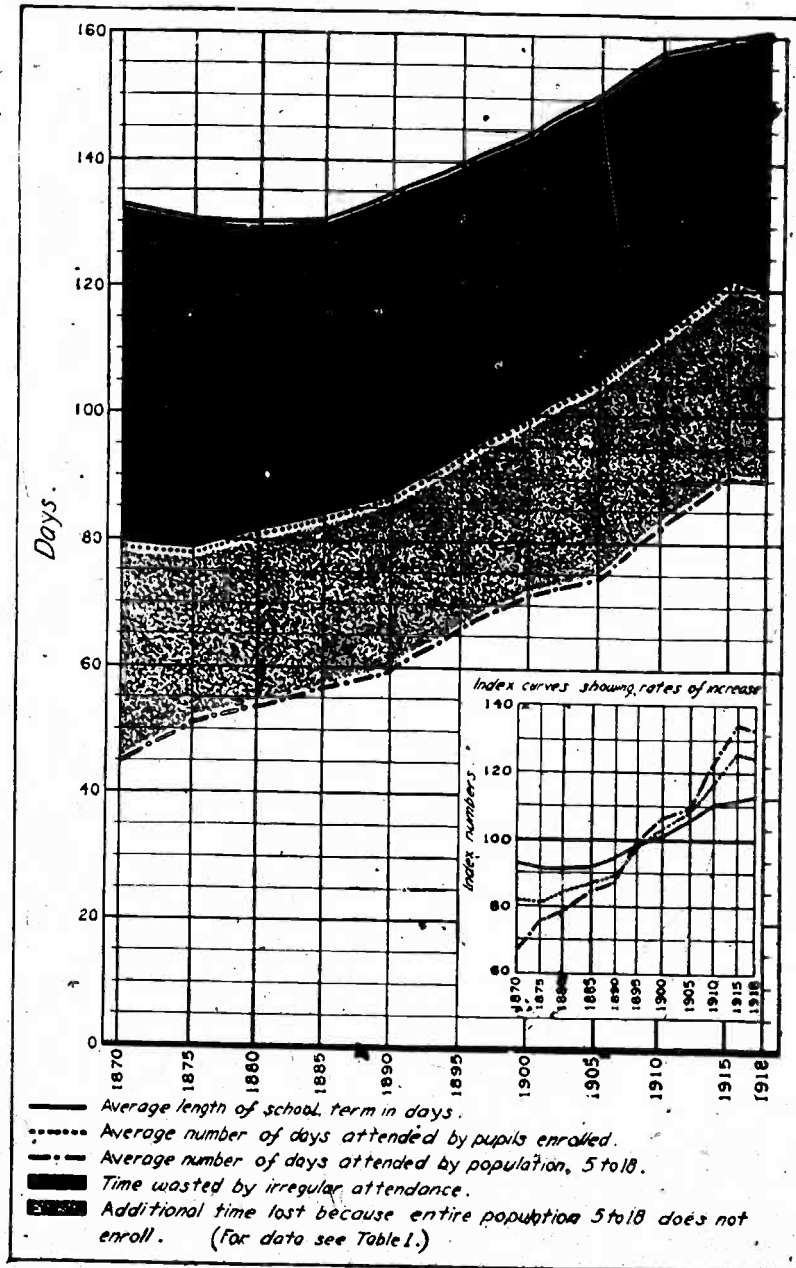


FIG. 8.—The school term provided and the part utilized, 1870-1918.

term. The waste within these five decades has been reduced from 66 to 44 per cent.

This general tendency in reducing the waste in our public-school system is clearly shown by means of the corresponding index curves in the supplemental figure in the corner of the larger one. The index curve representing the school term has a more gradual slope than that representing the days attended by pupils enrolled or that representing the average number of days attended by each child of school age. These curves imply that, as the length of the school term has increased, the percentage of pupils attending daily has been accelerated at a more rapid rate, and the relative number of days attended by all children of school age has advanced at a still more rapid rate. These curves show very clearly that our schools are reaching an increasing percentage of children of school age and that the attendance is becoming more regular from year to year. Without doubt this condition has been brought about largely by the increasing effectiveness of compulsory attendance laws.

It should be pointed out that this figure does not take into account children who attend private and parochial schools. The dark area, however, would not be affected by this consideration, since it deals wholly with the irregularity of attendance of pupils enrolled in the public schools. If the 1,915,125 children enrolled in private schools are deducted from the estimated number of children 5 to 18 years of age (27,686,476), the remainder (25,771,351) indicates the number of children of school age who should be enrolled in the public schools. The total number of days attended by these children was 2,498,424,309, or an average of almost 97 days each. This average of 97 days is 7 greater than the average for 1918 given in the graph. Corresponding corrections should be made for each preceding period represented, but unfortunately the data necessary for such a series of computations are not available. Furthermore, the number of children attending private schools has been largely estimated, thereby reducing the reliability of such computations. There is good reason to believe that from one-fourth to one-third of the children of school age who are not attending the public schools are attending private or parochial schools. Consequently the concreted area exaggerates the non-attendance of children of school age to this extent. In other words, about one-fourth to one-third of the concreted area of the graph should be eliminated if a true conception of absence from school is desired. As the graph stands it represents the public-school system only. It shows the extent to which the public-school term is utilized. The relative magnitude of the shaded and open areas is almost astounding.

ENROLLMENT OF TEN MILLIONS OF PUPILS BY GRADES.

All States were asked in a special inquiry to furnish the enrollment by grades for all elementary and secondary schools. Only 23 States made such a report. Seventeen of these States have eight grades in the elementary schools, four States, seven grades; and two States, nine grades. Each State has four grades in the secondary schools. The enrollment by grades has, therefore, been classified in accordance with these plans, as shown in Tables 2, 3, and 4 and in figure 9.

TABLE 2.—Enrollment of white and of colored pupils, by grades, in 23 States, 1917-18.

Grades.	In 17 States having the 8-4 plan.			In 4 States having the 7-4 plan.			In 2 States having the 9-4 plan.		
	Pupils enrolled.	Per cent of pupils in—		Pupils enrolled.	Per cent of pupils in—		Pupils enrolled.	Per cent of pupils in—	
		Each grade.	Elementary and high school separately.		Each grade.	Elementary and high school separately.		Each grade.	Elementary and high school separately.
1	2	3	4	5	6	7	8	9	10
Kindergarten.....	169,779	2.40	2.65	4,377	0.19	0.21	41,633	5.96	6.97
First.....	1,415,869	19.97	22.09	621,391	27.47	29.57	91,147	13.05	15.26
Second.....	869,555	12.27	13.57	327,710	14.49	15.60	75,090	10.75	12.57
Third.....	839,937	11.85	13.11	309,630	13.09	14.74	73,038	10.46	12.23
Fourth.....	816,293	11.52	12.74	286,415	12.66	13.63	73,066	10.46	12.23
Fifth.....	709,730	10.01	11.07	233,850	10.34	11.13	70,036	10.03	11.73
Sixth.....	622,721	8.78	9.73	181,198	8.01	8.62	62,679	8.97	10.49
Seventh.....	504,819	7.12	7.88	136,561	6.04	6.50	53,104	7.60	8.89
Eighth.....	450,575	6.48	7.17				45,064	6.45	7.55
Ninth.....							12,393	1.77	2.08
Total elementary.....	6,408,278	90.40	100.00	2,101,152	92.89	100.00	597,248	85.50	100.00
First-year high school.....	288,525	4.07	42.52	73,088	3.23	45.44	36,726	5.26	36.61
Second-year high school.....	177,802	2.51	26.21	43,457	1.92	27.02	26,750	3.83	26.67
Third-year high school.....	117,824	1.66	17.37	27,189	1.20	16.90	19,794	2.83	19.73
Fourth-year high school.....	94,318	1.33	13.90	17,108	.76	10.84	17,043	2.44	16.99
Total high school.....	678,469	9.57	100.00	160,842	7.11	100.00	100,313	14.36	100.00
Junior college and postgraduate high school.....	2,254	.03	100.00				1,006	.14	100.00
Grand total.....	7,089,001	100.00	100.00	2,261,994	100.00	100.00	698,567	100.00	100.00

TABLE 3.—Enrollment of white pupils, by grades, in 23 States.

Grades.	In 17 States having the 8-4 plan.			In 4 States having the 7-4 plan.			In 2 States having the 9-4 plan.		
	Pupils enrolled.	Per cent of pupils in—		Pupils enrolled.	Per cent of pupils in—		Pupils enrolled.	Per cent of pupils in—	
		Each grade.	Elementary and high school separately.		Each grade.	Elementary and high school separately.		Each grade.	Elementary and high school separately.
1	2	3	4	5	6	7	8	9	10
Kindergarten.....	153,792	2.30	2.56	4,339	0.26	0.29	41,633	5.96	6.97
First.....	1,284,872	19.22	21.38	396,643	23.61	25.94	91,147	13.05	15.26
Second.....	793,389	11.87	13.20	229,325	13.65	15.00	75,090	10.75	12.57
Third.....	779,430	11.66	12.97	224,306	13.85	14.67	73,036	10.46	12.23
Fourth.....	768,239	11.49	12.78	216,066	12.86	14.13	73,066	10.46	12.23
Fifth.....	676,829	10.12	11.26	185,102	11.02	12.11	70,036	10.03	11.73
Sixth.....	604,202	9.04	10.05	151,709	9.03	9.92	62,679	8.97	10.49
Seventh.....	494,388	7.39	8.23	121,441	7.23	7.94	53,104	7.60	8.89
Eighth.....	454,428	6.80	7.57				45,064	6.45	7.55
Ninth.....							12,393	1.77	2.08
Total elementary.....	6,009,569	89.89	100.00	1,528,931	91.01	100.00	597,248	85.50	100.00
First-year high school.....	296,479	4.28	42.49	68,280	4.06	45.20	38,726	5.26	38.61
Second-year high school.....	176,569	2.64	26.19	40,730	2.42	26.06	26,750	3.83	26.67
Third-year high school.....	117,211	1.75	17.33	25,650	1.53	16.98	19,794	2.83	19.73
Fourth-year high school.....	93,961	1.41	13.94	16,412	.98	10.88	17,043	2.44	16.99
Total high school.....	674,220	10.08	100.00	151,081	8.99	100.00	109,313	14.36	100.00
Junior college and postgraduate high school.....	1,853	.03	100.00				1,006	.14	100.00
Grand total.....	6,685,742	100.00	100.00	1,680,012	100.00		698,567	100.00	100.00

TABLE 4.—Enrollment of colored pupils, by grades, in 8 States.

Grades.	In 5 States having the 8-4 plan.			In 3 States having the 7-4 plan.		
	Pupils enrolled.	Per cent of pupils in—		Pupils enrolled.	Per cent of pupils in—	
		Each grade.	Elementary and high school separately.		Each grade.	Elementary and high school separately.
1	2	3	4	5	6	7
Kindergarten.....	15,987	3.96	4.01	38	0.01	0.01
First.....	130,997	32.48	32.86	224,748	38.62	39.28
Second.....	76,166	19.89	19.10	98,385	16.90	17.19
Third.....	67,507	15.00	15.18	85,324	14.66	14.91
Fourth.....	48,054	11.92	12.05	70,349	12.09	12.30
Fifth.....	32,901	8.16	8.25	48,748	8.38	8.62
Sixth.....	18,519	4.69	4.64	29,489	5.07	5.15
Seventh.....	10,431	2.59	2.62	15,140	2.60	2.65
Eighth.....	5,147	1.28	1.29			
Total elementary.....	396,709	98.87	100.00	572,221	98.33	100.00
First-year high school.....	2,046	.51	48.15	4,808	.82	49.26
Second-year high school.....	1,233	.31	29.02	2,727	.47	27.94
Third-year high school.....	613	.15	14.43	1,530	.26	15.67
Fourth-year high school.....	357	.09	8.40	696	.12	7.13
Total high school.....	4,249	1.06	100.00	9,761	1.67	100.00
Postgraduate high school.....	391	.07	100.00			
Grand total.....	408,259	100.00	100.00	581,982	100.00	100.00

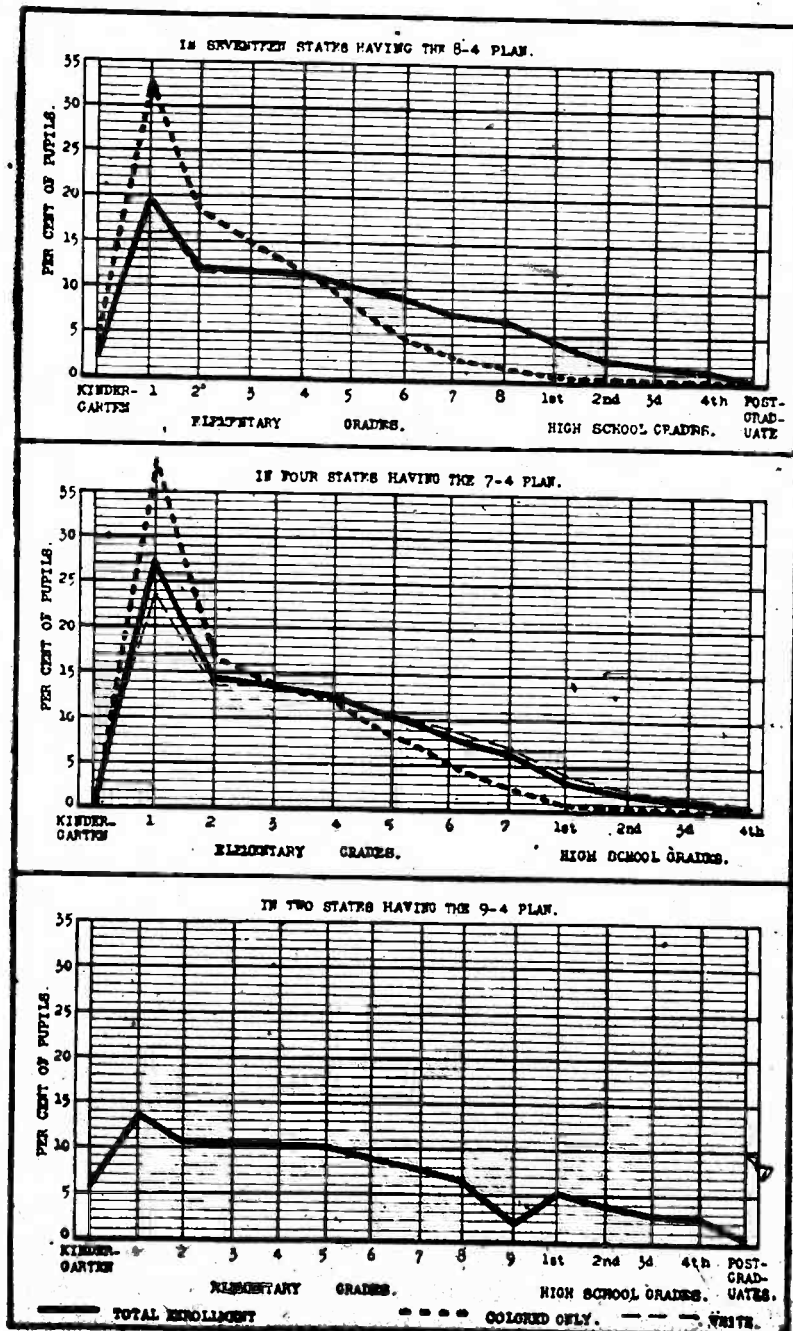


FIG. 9.—Percentage distribution of pupils, by grades, in 23 States, 1917-18.

In Tables 2, 3, and 4, two series of percentages have been computed—the first to show the proportion of all children attending school who are enrolled in each grade, the second to show, separately, the proportion of children attending the elementary school who are enrolled in each grade and also the percentage distribution of high-school enrollment by grades. From the former series of percentages the three parts of figure 9 have been constructed. The first two parts of this figure contain three curves each, one for white and colored children combined and the other two for white and colored separately.

Two outstanding features are evident. First, the proportion of colored children in the lower grades greatly exceeds the proportion of white children, while in the upper grades the proportion of white children greatly exceeds the proportion of colored children. Second, the proportion of all children in the first grade is strikingly large. In States having the 7-4 plan of organization the proportion in the first grade (27 per cent) is higher than it is (19 per cent) in States having the 8-4 plan. In the two States having the 9-4 plan the percentage in the first grade is scarcely larger than the percentage in the second, third, and fourth grades. This unusual aggregation of pupils in the first grade points unmistakably to the fact that it must contain a very large percentage of retarded pupils—pupils who are repeating the work of the first grade.

Only a very small percentage of colored pupils ever reach the first year of high school, as shown by the tendency of the dotted curves to "run aground" beyond the elementary grades.

In States having the 8-4 plan almost 10 per cent of the pupils are enrolled in high school. In States having the 7-4 plan a little over 7 per cent of the pupils are registered in high school. In States having the 9-4 plan over 14 per cent of the pupils are enrolled in high school.

In States having the 7-4 plan almost a negligible percentage of children are enrolled in kindergartens, indicating that few kindergartens exist in these States. In States having the 8-4 plan over 2 per cent of the total enrollment is found in kindergartens. In States having the 9-4 plan almost 6 per cent is found in this grade. (As Maine included all ungraded pupils with kindergarten pupils this percentage is probably too high.) The small proportion of pupils in the ninth grade in States having the 9-4 plan indicates that not all the schools within these States offer the ninth-grade work. Its discontinuation is foreshadowed.

#### ENROLLMENT BY YEARS OF ADVANCEMENT.

It is impossible to combine the three groups of States shown in figure 9, since the second group does not have the eighth grade and since the last group has a ninth grade elementary. An approxima-



tion can be made, however, by eliminating the ninth grade elementary from consideration and by considering the first year of high school in States having the 7-4 plan as the eighth year in school, the second year of high school as the first, the third as the second, and the fourth as the third. This plan is defective to the extent that a smaller percentage of pupils is left for the twelfth grade than is actually enrolled in this grade.

TABLE 5.—Enrollment of white and of colored pupils in 23 States according to the year of advancement, 1917-18.

Year of advancement.	White and colored pupils.		White pupils.		Colored pupils.	
	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.
1	2	3	4	5	6	7
Kindergarten.....	215,789	2.15	199,764	2.21	16,025	1.63
First.....	2,128,467	21.21	1,772,662	19.59	355,745	36.12
Second.....	1,272,356	12.63	1,097,804	12.13	174,551	17.72
Third.....	1,222,603	12.19	1,076,772	11.90	145,831	14.81
Fourth.....	1,175,774	11.72	1,057,371	11.68	118,403	12.02
Fifth.....	1,013,616	10.10	931,967	10.30	81,649	8.20
Sixth.....	866,598	8.64	818,500	9.05	48,098	4.87
Seventh.....	694,504	6.92	668,933	7.39	25,571	2.60
Eighth.....	577,727	5.76	567,772	6.27	9,955	1.01
Ninth.....	366,704	3.67	363,935	4.02	4,773	.48
Tenth.....	231,741	2.31	228,978	2.53	2,763	.28
Eleventh.....	154,726	1.54	153,417	1.70	1,309	.13
Twelfth.....	111,361	1.11	111,004	1.23	357	.04
Total.....	10,033,900	100.00	9,048,969	100.00	984,940	100.00

<sup>1</sup> The eighth, ninth, tenth, and eleventh years in this table include, respectively, the first, second, third, and fourth year high-school pupils in States having the 7-4 plan of organization.  
<sup>2</sup> Ninth grade elementary pupils have not been included in this table.

Table 5 shows the classification for white and for colored children separately and for white and colored combined. It is found that over 21 per cent of all pupils are in the first grade and that only a little over 1 per cent have attended school for 12 years. If the white pupils only are considered, it is found that less than 20 per cent are enrolled in the first grade and 1.23 per cent have attended school for 12 years, or its equivalent. Considering only the colored pupils, it is found that over one-third of them (36 per cent) are enrolled in the first grade, and that only a negligible percentage (0.04 per cent) of them are found in the twelfth year. In fact, only 1 colored pupil in 1,000 enrolled will be found in the eleventh year.

TABLE 6.—Enrollment of pupils by sex and according to the year of advancement in nine States, 1917-18.

Year of advancement.	White and colored pupils.				White pupils.				Colored pupils (Tex., W. Va., and D. C.).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.	Number.	Per cent of total.
1	2	3	4	5	6	7	8	9	10	11	12	13
Kindergarten	51,478	2.9	52,212	2.9	50,874	3.1	51,518	3.0	604	0.6	664	0.6
First	355,314	20.0	319,890	17.7	318,526	19.0	286,660	16.9	36,784	36.0	33,230	29.7
Second	220,468	12.4	201,876	11.2	203,463	12.1	185,558	10.9	17,005	16.7	16,318	14.6
Third	212,512	12.0	206,089	11.4	197,316	11.8	189,526	11.2	15,196	14.9	16,563	14.8
Fourth	207,046	11.6	205,274	11.4	195,203	11.7	191,379	11.3	11,843	11.6	13,805	12.4
Fifth	174,496	9.8	179,385	9.9	166,165	9.9	168,176	9.9	8,331	8.1	11,209	10.0
Sixth	158,031	8.9	165,529	9.1	153,714	9.2	157,478	9.3	5,317	5.2	8,051	7.2
Seventh	122,151	6.9	134,056	7.4	118,767	7.1	128,395	7.6	3,384	3.3	6,661	5.1
Eighth	112,140	6.3	130,169	7.2	110,004	6.6	127,236	7.5	1,536	1.5	2,924	2.6
Ninth <sup>1</sup>	76,393	4.3	96,005	5.3	75,284	4.5	94,409	5.6	1,109	1.1	1,596	1.4
Tenth	41,800	2.3	56,137	3.1	41,246	2.5	55,016	3.2	554	.5	1,121	1.0
Eleventh	26,201	1.5	30,655	2.0	25,810	1.5	36,051	2.1	391	.4	604	.5
Twelfth	17,022	1.0	25,120	1.4	16,945	1.0	24,978	1.5	77	.1	142	.1
Total	1,775,052	100.0	1,808,388	100.0	1,672,917	100.0	1,606,410	100.0	102,135	100.0	111,978	100.0

<sup>1</sup> The eighth, ninth, tenth, and eleventh years in this table include, respectively, the first, second, third, and fourth year high-school pupils in Texas, which has the 7-4 plan of organization.

<sup>2</sup> Ninth grade elementary pupils in Maine have not been included in this table.

Of the 23 States reporting enrollment by grades, only 9 gave the distribution by sex. The results have been summarized in Table 6 and shown graphically in figure 10. In the lower grades, for both white and colored pupils, a larger percentage of boys than girls is shown, while in the upper grades a larger percentage of girls than boys is to be found. This condition probably indicates that the retardation of boys in the lower grades is greater than that of girls and that the school mortality among boys in the upper grades is greater than that for girls. It will be noted that there is only a very slight drop between the seventh and eighth grades for white girls, clearly indicating that girls remain in the elementary grades until they graduate. The tendency for boys to remain to complete the eighth grade is not so pronounced but is evident. In high schools there is a decidedly larger percentage of girls than boys, the ratio being approximately the same in each year.

#### THE EFFECT OF KINDERGARTENS ON GRADE DISTRIBUTION.

In Table 7 the States have been classified into two groups showing separately the 7 States having an appreciable percentage of children enrolled in kindergartens and the 14 States which have very few or no kindergarten pupils. The grade distribution for Maine and Florida has not been used because in Maine "ungraded" pupils were reported as kindergarten pupils, and in Florida the pupils "in chart"

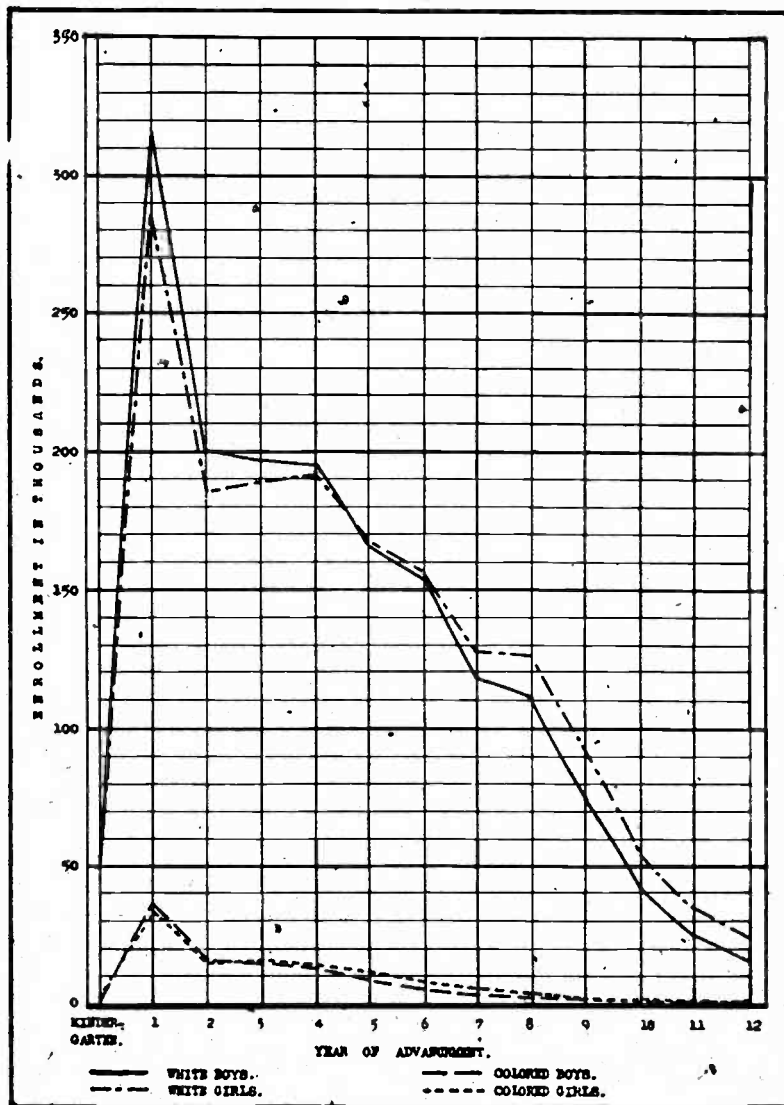


FIG. 10.—Grade distribution, by sex, of pupils enrolled in school, 1917-18 (in 9 States).

were reported as kindergarten pupils. In columns 4 and 7 of Table 7 the kindergarten pupils and all postgraduate high-school and junior college students have been eliminated from consideration, and the percentages for the remaining enrollment have been computed for each grade. These percentages, totaling 100, have been used in plotting the curves in figure 11. An inspection of this figure shows that in States having few or no kindergartens over 25 per cent of the enrollment in the 12 grades is found in the first, while the corresponding percentage in States having kindergarten pupils is only a little over 15 per cent. It is doubtful if this great reduction in the percentage of retardation in the first grade is due wholly to the effect of kindergartens. In the upper grades the magnitude of the corresponding percentages is reversed, indicating that the 17 States having few or no kindergartens have also relatively small percentages of pupils in high school. On an average the educational status of these 17 States is not so high as that for the 7 States having kindergartens. This higher average status would mean undoubtedly better teaching, thereby tending to reduce the percentage of retardation in the lower grades. It is clearly evident that by means of kindergartens and better teaching the usual retardation in the first grade can be largely eliminated.

TABLE 7.—Enrollment of pupils by year of advancement in 21 States, to show the effect of kindergartens on first-grade enrollment, 1917-18.

Year of advancement.	In 7 States having kindergartens. <sup>1</sup>			In 14 States having few or no kindergarten pupils. <sup>2</sup>		
	Number of pupils.	Per cent—		Number of pupils.	Per cent—	
		Of total.	Of part indicated.		Of total.	Of part indicated.
1	2	3	4	5	6	7
Kindergarten.....	156,927	4.03	.....	7,945	0.14	.....
First year.....	590,276	15.16	15.81	1,491,050	25.08	25.72
Second year.....	436,876	11.22	11.70	797,614	13.74	13.76
Third year.....	433,257	11.13	11.60	751,154	12.94	12.96
Fourth year.....	431,559	11.08	11.56	707,721	12.19	12.21
Fifth year.....	391,882	10.06	10.50	592,138	10.20	10.21
Sixth year.....	308,886	9.47	9.88	472,478	8.14	8.15
Seventh year.....	299,441	7.69	8.02	374,760	6.46	6.46
Eighth year.....	286,037	7.33	7.65	274,888	4.73	4.74
Ninth year.....	207,786	5.34	5.56	147,750	2.54	2.53
Tenth year.....	127,203	3.27	3.41	95,361	1.64	1.64
Eleventh year.....	87,674	2.25	2.35	60,366	1.04	1.04
Twelfth year.....	73,376	1.88	1.90	32,676	.56	.56
Thirteenth year.....	3,260	.09	.....	.....	.....	.....
Total.....	4,894,030	100.00	100.00	5,803,901	100.00	100.00

<sup>1</sup> Includes Calif., Conn., D. C., Ill., Mass., Ohio, and Wis.

<sup>2</sup> Includes Ga., Ind., Ky., Md., Mont., N. C., N. Dak., Oreg., S. C., Tenn., Tex., Utah, Wash., and W. Va.

<sup>3</sup> The enrollment in high schools in States having the 7-4 plan of organization has been considered as eighth, ninth, tenth, and eleventh year enrollment.

<sup>4</sup> This total does not include 8,657 pupils in Massachusetts enrolled in the ninth grade elementary.

SCHOOL MORTALITY.

To ascertain even an approximate school mortality rate a series of tortuous computations is necessary. The distribution by grades given in figure 9 does not show the drop from one grade to another but indicates only the percentage of pupils in each grade in 1917-18.

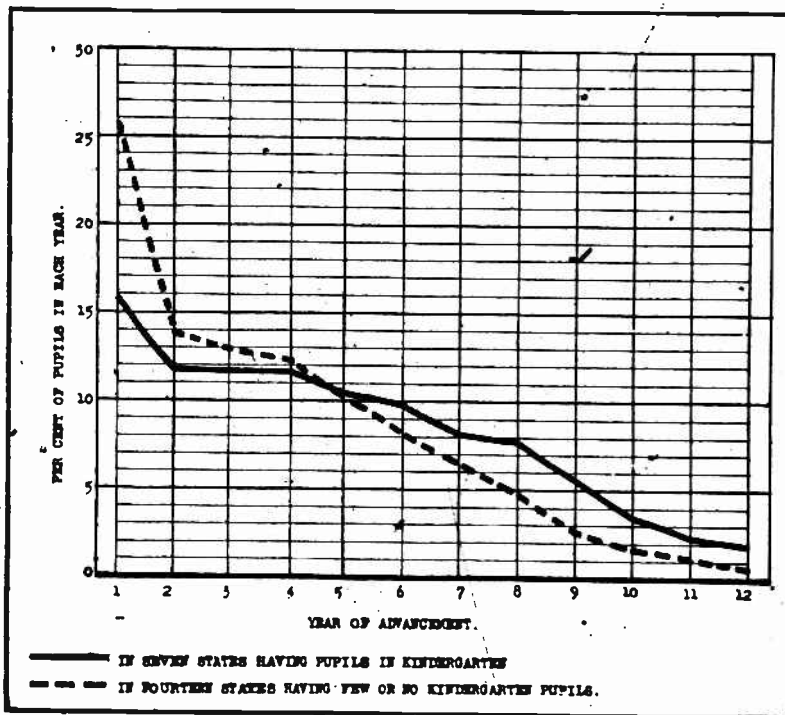


FIG. 11.--Per cent of pupils enrolled in each year of the school course in 21 States, grouped so as to show the effect of kindergartens in reducing retardation in the first grade, 1917-18. (Kindergarten pupils and postgraduate high school students have been omitted so that the respective percentages may be compared.)

Each beginning class is larger than the one which preceded it, since the number of children in the population increases from year to year. In the following study the factors immigration, duplication, and retardation, which tend to exaggerate the enrollment reported, and the factors of staying out of school, private school enrollment, and death, which tend to reduce public school enrollment, have all received consideration.

BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 8.—Data used in computing school mortality, in public schools only.

	1911	1912	1913	1914	1915	1916	1917	1918
<b>Pupils.</b>								
Total enrollment.....	18,088,118	18,182,687	18,699,640	19,151,746	19,704,282	20,351,687	20,822,602	20,833,316
Number in kindergarten.....	1,326,883	1,348,303	1,369,723	1,391,143	1,412,563	1,434,022	1,455,486	1,476,950
Number in elementary and high school.....	17,761,235	17,834,384	18,329,917	18,760,603	19,291,719	19,917,665	20,367,116	20,356,366
Number reported in high school.....	984,677	1,000,366	1,016,271	1,032,104	1,048,019	1,063,934	1,079,849	1,095,764
Estimated true high-school enrollment <sup>1</sup> .....	1,156,986	1,172,886	1,188,786	1,204,686	1,220,586	1,236,486	1,252,386	1,268,286
Number in elementary schools.....	16,776,558	16,834,018	17,313,646	17,738,502	18,243,700	18,748,900	19,254,100	19,358,600
Per cent in each elementary grade:								
First.....	23.5	23.3	23.2	23.0	22.8	22.6	22.4	22.2
Second.....	14.8	14.7	14.6	14.4	14.2	14.0	13.9	13.9
Third.....	13.9	13.8	13.7	13.7	13.6	13.6	13.5	13.5
Fourth.....	13.3	13.3	13.3	13.2	13.2	13.2	13.1	13.1
Fifth.....	11.3	11.3	11.3	11.4	11.4	11.4	11.5	11.5
Sixth.....	9.2	9.3	9.4	9.6	9.7	9.8	9.8	9.8
Seventh.....	7.6	7.7	7.7	7.9	8.0	8.1	8.2	8.2
Eighth.....	6.4	6.6	6.7	6.8	7.0	7.1	7.3	7.4
Per cent in each year of high school:								
First.....	42.8	41.7	41.0	40.8	40.9	40.5	40.2	39.8
Second.....	26.7	27.2	27.8	28.6	29.4	29.5	29.6	29.9
Third.....	12.5	13.0	13.5	13.6	13.7	13.8	13.8	13.8
Fourth.....	12.5	13.0	13.5	13.8	14.0	14.1	14.3	14.5
Number in each elementary grade:								
First.....	4,389,642	4,375,694	4,422,183	4,468,270	4,514,357	4,560,444	4,606,531	4,652,618
Second.....	2,449,383	2,445,178	2,440,973	2,436,768	2,432,563	2,428,358	2,424,153	2,419,948
Third.....	2,301,622	2,285,466	2,269,310	2,253,154	2,237,000	2,220,844	2,204,688	2,188,532
Fourth.....	2,301,315	2,212,300	2,123,285	2,034,270	1,945,255	1,856,240	1,767,225	1,678,210
Fifth.....	1,870,290	1,879,624	1,910,374	1,941,124	1,971,874	2,002,624	2,033,374	2,064,124
Sixth.....	1,522,714	1,546,947	1,571,180	1,595,413	1,619,646	1,643,879	1,668,112	1,692,345
Seventh.....	1,257,894	1,287,805	1,317,716	1,347,627	1,377,538	1,407,449	1,437,360	1,467,271
Eighth.....	1,069,279	1,097,833	1,126,387	1,154,941	1,183,495	1,212,049	1,240,603	1,269,157
Number in each year of high school:								
First.....	491,104	500,736	510,368	519,999	529,631	539,262	548,894	558,525
Second.....	308,918	323,416	337,914	352,412	366,910	381,408	395,906	410,404
Third.....	208,259	218,546	228,833	239,120	249,407	259,694	269,981	280,268
Fourth.....	144,624	156,104	167,584	179,064	190,544	202,024	213,504	224,984

<sup>1</sup> Estimated. <sup>2</sup> Includes junior college and postgraduate high-school students.  
<sup>3</sup> These numbers have the same ratio (1.175) to the reported enrollment as the corresponding ratio in 1918 (except in 1912).  
<sup>4</sup> Remaining from the class beginning in 1911.  
<sup>5</sup> Remaining from the class entering fifth grade in 1911.



The distribution of enrollment by grades was taken in 1911, just eight years ago. It was shown at that time that 23.5 per cent of the elementary pupils were in the first grade, 14.8 per cent in the second grade, 13.9 per cent in the third grade, 13.3 per cent in the fourth grade, 11.3 per cent in the fifth grade, 9.2 per cent in the sixth grade, 7.6 per cent in the seventh grade, and 6.4 per cent in the eighth grade. The high-school pupils were distributed as follows: 42.8 per cent in the first year, 26.7 per cent in the second year, 18 per cent in the third year, and 12.5 per cent in the fourth year. No pupils were reported in kindergarten or in postgraduate high school at that time. To secure comparable percentages for 1918, the States having only seven grades have not been considered. The ninth-grade elementary has also been omitted from consideration. In 1918, 2.71 per cent of all pupils were enrolled in kindergartens, postgraduate high schools, or junior colleges. Making the proper deductions for this factor, it is found that in 17 States the percentage of all elementary pupils enrolled in first grade is 22.2 per cent; in the second grade, 13.9 per cent; in the third grade, 13.5 per cent; in the fourth grade, 13.1 per cent; in the fifth grade, 11.5 per cent; in the sixth grade, 10.1 per cent; in the seventh grade, 8.2 per cent; and in the eighth grade, 7.5 per cent. From the special report on public high schools for 1918, which includes returns from all the States, it is found that 39.8 per cent of the students are enrolled in the first year, 26.9 per cent in the second year, 18.8 per cent in the third year, and 14.5 per cent in the fourth year. It will be noticed that the percentage of children in the first grade and in the first year of high school has diminished, and that the percentage in the eighth grade and in the fourth year of high school has increased since 1911. These changes in grade distribution have not taken place suddenly, but gradually, within this 8-year period. In Table 8 a series of corresponding intermediate percentages have been computed for the years 1912 to 1917, inclusive, for the elementary grades. The percentages for the high-school distribution have been taken from the annual reports on public high schools made directly to this bureau.

After deducting the estimated number of children enrolled in kindergartens and in postgraduate high schools from the total school enrollment for the various years, the remaining numbers are distributed between the elementary and secondary grades. The number of secondary students reported directly to the Bureau of Education by the public high schools varies from 984,677 in 1911 to 1,645,171 in 1918. In 1918 the State offices for the first time reported 1,933,821 secondary students, or 1.175 times the number reported directly to this bureau. Assuming that in preceding years the number reported was correspondingly short and applying this ratio, an estimated true number of high-school students had been ascertained. All other pupils are enrolled in the elementary grades. The

TABLES 9 and 10.—Method used in computing the school survival percentages for the class beginning in 1907.

Status of class.	Estimated population.		Number lost by death.	Number remaining who should be in public schools.	Reported enrollment in public schools.	Number of those born in 1907 living at each age.	Increase in population to immigration.	Per cent of foreign born children in school.	Estimated number of these public day schools in fourth grade.	Children remaining in school in 1907.	Estimated number of pupils in public schools.	Per cent of retention.	Estimated number of tardy pupils.	Pupils beginning in 1907 who survive.	Number surviving out of 1,000 birth-areas.
	As ascertained from census reports.	When and with a moving average (years of four).													
Grade.															
1.	1,902,634	1,917,435	5,132	1,688,405	1,870,200	1,917,433	91.4	13,326	1,870,200	1,870,200	201,901	10.8	233,961	1,434,738	860
2.	1,801,875	1,867,687	5,117	1,678,158	1,818,955	1,911,006	90.2	21,456	1,818,955	1,546,947	167,070	9.3	165,365	1,214,292	730
3.	1,812,953	1,886,484	5,101	1,673,052	1,818,955	1,900,072	87.7	20,453	1,818,955	1,318,685	142,415	7.8	117,625	1,063,625	639
4.	1,838,533	1,920,054	5,086	1,667,966	1,818,955	1,894,228	86.2	20,453	1,818,955	1,174,035	126,785	7.0	83,779	963,461	363
5.	1,717,276	1,838,943	5,070	1,657,844	1,718,477	1,862,728	82.7	20,453	1,718,477	833,868	68,241	7.6	42,833	320,789	216
6.	1,840,225	1,948,231	5,055	1,657,844	1,658,677	1,871,299	82.7	20,453	1,658,677	453,240	36,949	6.2	28,704	375,387	229
7.	1,859,945	1,985,618	5,039	1,647,781	1,647,781	1,865,511	82.7	20,453	1,647,781	272,173	33,576	5.7	13,991	271,468	142
8.	1,815,329	1,915,534	5,024	1,642,772	1,642,772	1,859,867	82.7	20,453	1,642,772	272,173	33,576	5.7	13,991	271,468	142
9.	2,046,636	2,084,029	4,994	1,637,778	1,637,778	1,854,280	82.7	20,453	1,637,778	272,173	33,576	5.7	13,991	271,468	142
10.	1,994,208	2,024,984	4,978	1,632,800	1,632,800	1,854,280	82.7	20,453	1,632,800	272,173	33,576	5.7	13,991	271,468	142
11.	2,243,803	2,084,986	4,978	1,632,800	1,632,800	1,854,280	82.7	20,453	1,632,800	272,173	33,576	5.7	13,991	271,468	142
12.															
13.															
14.															
15.															
16.															
17.															
18.															

1. The average death rate of 0.304 shown in Table 11 has been applied; a death rate by ages would not materially affect results.  
 2. See Table 12.  
 3. Only one-third of them are assumed to be in public-day schools above the fourth grade.  
 4. In 1910 the census found 17,296,663 children under 19 years of age attending school. Reports of the Bureau of Education showed 19,372,288 in public and private schools. Therefore, 10.8 per cent of the pupils reported to the Bureau of Education are duplicates.  
 5. Represents the number of children who should enter school in 1907. The Federal census of 1910 shows 4.1 per cent of the children 10 to 14 years of age unable to read and write; this percentage is assumed to represent the proportion of children who never attend any school. Therefore, 78,615 never enter school, leaving 1,838,820 who may be expected to enter public or private schools. From 1907 to 1918 the average number of pupils enrolled annually in the public schools was 18,360,281 and in the private schools, 1,632,468. The public schools, therefore, assume the responsibility of educating 91.52 per cent of the children who enter school. Consequently, 1,688,493 children entering school in 1907 are properly chargeable to the public schools.  
 6. Bureau of Education.  
 7. In 1918 in consecutive high schools 7.5 per cent of the pupils in the first year were over 15 years of age; 7.1 per cent of those in the second year, over 16 years; 8.2 per cent of those in the third year, over 17 years; 8.8 per cent of those in the fourth year, over 18 years. The number of pupils in the high schools in 1918 was 1,933,346, and 179 years of age in 1919, 2,053,294.  
 8. The number of years of public high schools reported, 239,169 pupils in the fourth year and 210,279 graduates. If 5 per cent of the pupils are duplicates, 92.6 per cent of those in the fourth year will graduate. Consequently, only 131 of the 1,600 beginning pupils in 1907 will graduate from a four-year high school in 1915.





percentages given in Table 8 are applied to the respective enrollments in elementary and high school. In this manner the number in each grade for each year since 1911 has been computed as shown in Table 8.

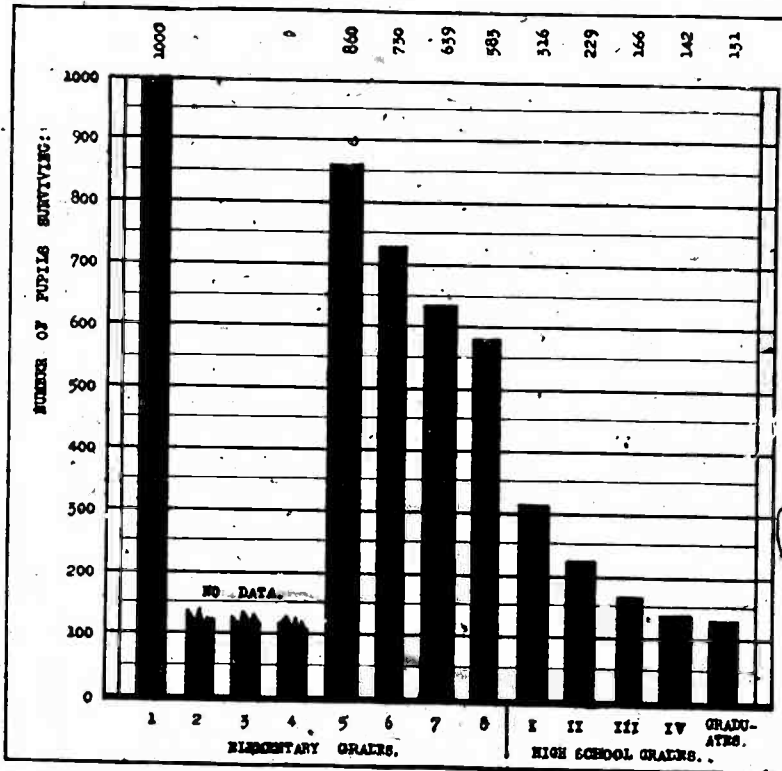


FIG. 12.—Number of pupils out of each 1,000 beginners in 1907 who reach the various grades.

TABLE 11.—Population and deaths in the registration area of persons 5 to 18 years of age (Reports of the Bureau of the Census, 1911-1918).

Date.	States in registration area.	Population, 5 to 18 years of age (estimated).	Deaths, persons 5 to 18 years of age.	Per cent of total population 5 to 18 years.
1	2	3	4	5
1911.....	24	13,776,639	38,346	0.278
1912.....	21	14,004,118	36,070	.257
1913.....	25	14,877,180	41,205	.277
1914.....	26	15,586,984	40,777	.261
1915.....	26	15,819,329	38,442	.243
1916.....	27	16,355,994	44,709	.273
1918.....	31	20,128,285	97,321	.484
Total.....		110,548,529	336,970	.304

**"THE SURVIVAL OF THE FITTEST."**

The method used in securing the survival percentages exhibited in figure 12 is explained in Tables 9 and 10. Similar survival percentages can be computed for classes entering school in other years than 1907. As it is difficult to ascertain the number of survivors in each lower grade, this computation omits the first four grades from consideration. From the survival percentages obtained it is found that only 86 per cent of the beginning pupils reach the fifth grade; 73 per cent the sixth grade; almost 64 per cent the seventh grade; about 58 per cent the eighth grade; nearly 32 per cent the first year of high school; 23 per cent the second; almost 17 per cent the third, and over 14 per cent the fourth year of high school on schedule time. A little over 13 per cent of the number entering the elementary school in 1907 will remain to graduate from a four-year high-school course in 1918. Slightly higher survival percentages obtain if the factor of retardation is not considered, thereby showing approximately the number eventually reaching each grade.

These percentages are significant, since they show the holding power of the public schools and indicate just what percentage of children is now reaching the different educational levels.

**CHILDREN IN SCHOOL AT THE VARIOUS AGES.**

It is of interest to know what per cent of children of each age is not attending school. The Bureau of Education collects no data on this phase of school attendance, as the Bureau of Census gathers this information decennially.

Table 2, compiled from the reports of the Census Bureau for 1910, shows the total number of children of each age and the number of these who attend school. This is shown for the total population, the native white population, the foreign-born white population, and the Negro population. The same facts are presented graphically in figure 13. A relatively small percentage of Negro children attends school. At the age of 11, when the largest percentage attends, only 72.7 per cent are enrolled in school. Of the total population, only 52.1 per cent enters school at the age of 6. This increases to 75 per cent for those 7 years of age and to 91.2 per cent for those 11 years of age, at which age the greatest percentage attends school. After children pass the age of 14 the rate of decrease in the percentage attending school becomes very pronounced. This is the age when most compulsory attendance laws cease to operate effectively, and the result is clearly in evidence in this figure. Only 22.6 per cent of the children 18 years of age are to be found in school. Among our foreign-born white population the school mortality is very rapid after the age of 13, indicating that fewer such children enroll in the upper grades and high school. At the age of 18 only 6.8 per cent of the foreign-born white children are to be found in school.

TABLE 12.—Number and percentage of children of the various ages who are in school, 1910.

Age	Total population, 1910. <sup>1</sup>			Native white population, 1910.			Foreign-born white population, 1910.			Negro population, 1910.		
	Number.	Persons attending school, 1909-10.		Number.	Persons attending school, 1909-10.		Number.	Persons attending school, 1909-10.		Number.	Persons attending school, 1909-10.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
6 years	2,033,894	1,069,353	52.1	1,706,881	947,720	55.5	55,787	30,947	55.5	262,615	78,124	29.7
7 years	1,964,226	1,454,730	73.5	1,632,687	1,203,092	73.7	62,074	47,744	76.9	257,742	120,104	47.0
8 years	1,919,357	1,590,572	82.7	1,592,371	1,370,800	86.1	66,875	56,284	84.2	252,473	146,186	57.9
9 years	1,817,817	1,597,665	88.2	1,520,470	1,360,419	89.5	66,702	59,841	89.7	222,509	144,546	64.9
10 years	1,696,833	1,681,342	99.1	1,543,847	1,439,592	93.3	74,836	67,574	90.3	242,509	196,153	80.9
11 years	1,705,081	1,565,301	91.8	1,438,261	1,349,019	93.8	66,003	61,332	91.4	185,048	141,723	76.8
12 years	1,712,921	1,516,310	88.5	1,466,268	1,409,987	95.5	76,263	67,558	88.6	181,300	153,267	84.5
13 years	1,778,283	1,474,283	82.8	1,477,787	1,358,613	91.9	67,511	59,233	87.7	221,861	151,516	68.4
14 years	1,738,122	1,501,006	86.3	1,531,675	1,296,913	84.7	74,727	63,491	84.8	224,548	146,034	65.1
15 years	1,728,221	1,473,019	85.2	1,532,107	1,284,128	83.8	76,186	64,772	85.1	207,556	111,890	53.9
16 years	1,664,711	1,482,611	89.1	1,457,241	1,319,448	90.5	139,948	124,578	88.9	224,403	96,085	42.8
17 years	1,798,240	1,629,968	90.6	1,507,640	1,375,401	91.2	139,948	124,578	88.9	208,547	96,085	46.1
18 years	1,798,240	1,629,968	90.6	1,507,640	1,375,401	91.2	139,948	124,578	88.9	208,547	96,085	46.1
19 years	1,798,240	1,629,968	90.6	1,507,640	1,375,401	91.2	139,948	124,578	88.9	208,547	96,085	46.1
20 years	1,798,240	1,629,968	90.6	1,507,640	1,375,401	91.2	139,948	124,578	88.9	208,547	96,085	46.1
21 years	1,798,240	1,629,968	90.6	1,507,640	1,375,401	91.2	139,948	124,578	88.9	208,547	96,085	46.1
22 years	1,798,240	1,629,968	90.6	1,507,640	1,375,401	91.2	139,948	124,578	88.9	208,547	96,085	46.1
23 years	1,798,240	1,629,968	90.6	1,507,640	1,375,401	91.2	139,948	124,578	88.9	208,547	96,085	46.1
Total	27,760,599	17,300,204	62.3	22,573,625	15,020,260	66.2	1,642,043	694,447	39.2	3,422,137	1,419,069	41.5

<sup>1</sup> Including Indians, Chinese, Japanese, and all others not listed in the following columns.  
<sup>2</sup> In addition to these figures, 866,431 persons under 6 years of age were attending school, and 313,263 persons 21 years of age and over were attending school.

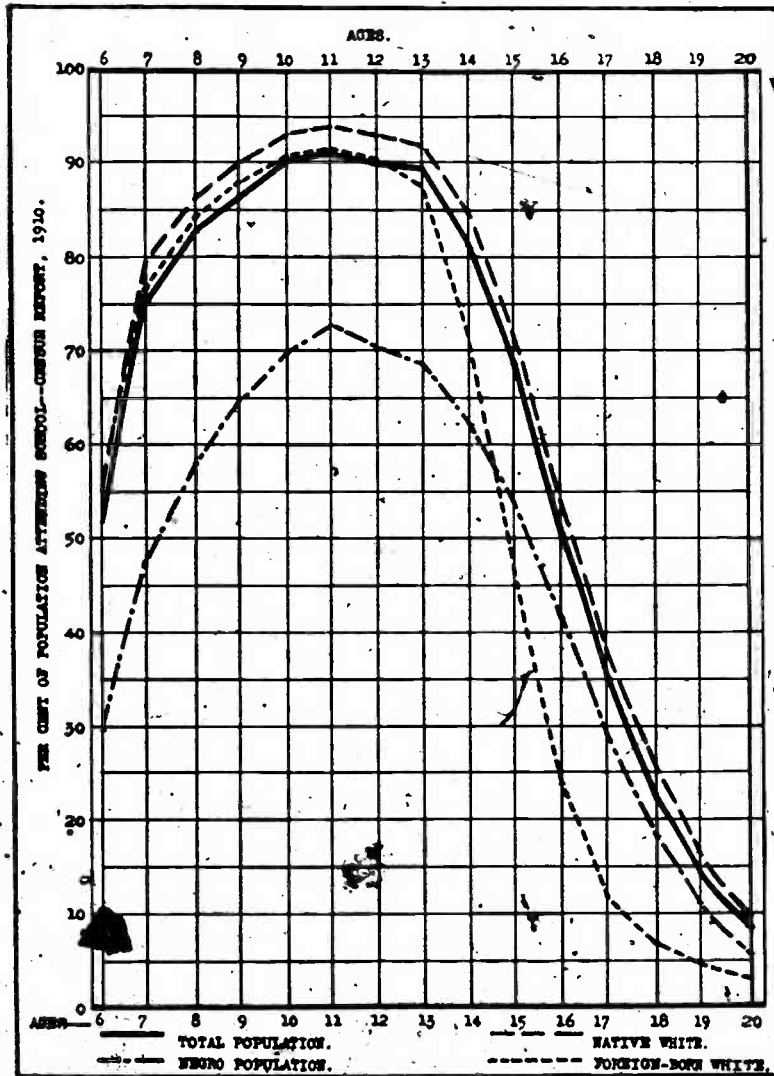


FIG. 13.—Percent of children attending school at the various ages in 1910. (Taken from the report of the Bureau of the Census.)

PUPILS HAVING A SHORT SCHOOL TERM.

Only 8 States reported a distribution of enrollment according to the length of the school term provided. The results have been summarized in Table 13 and shown graphically in figure 14. This study is based on the length of school term provided for 2,364,655 pupils in elementary and high schools. Only a very few children have a term shorter than 20 days, or longer than 200 days. Over 9,000 children have a two months' school term, over 26,000 a three months' term, almost 42,000 a four months' term, 25,000 a five months' term, etc., as shown in the table. In other words, 4 per cent of the children have a two months' school; 1.1 per cent, three months; 1.8 per cent, four months; 1.1 per cent, five months, etc.

TABLE 13.—Distribution of pupils enrolled in schools in eight States, according to the length of the school term, 1917-18.

ELEMENTARY-SCHOOL ENROLLMENT.

States.	1-20 days.	21-40 days.	41-60 days.	61-80 days.	81-100 days.	101-120 days.	121-140 days.	141-160 days.	161-180 days.	181-200 days.	Over 200 days.	Total enrollment.
1	2	3	4	5	6	7	8	9	10	11	12	13
Louisiana.....		3,242	19,960	35,227	13,024	25,163	41,107	65,271	97,330	911		302,135
Massachusetts.....								23,761	37,132	171,295		522,088
New Mexico.....							22,064	11,567	46,298			81,917
Oklahoma.....							27,424	331,610	187,227			516,261
Rhode Island.....									917	82,214		83,131
Washington.....	18		15	10		887	1,943	11,752	155,093	56,170	71	225,959
West Virginia.....					4,228	138,508	48,239	40,329	69,476			300,780
Total.....	18	3,242	19,975	35,237	18,152	164,558	160,777	484,190	855,461	310,590	71	2,032,271

HIGH-SCHOOL ENROLLMENT.

Louisiana.....						1,760	3,627	7,629	10,039	172		23,436
Massachusetts.....									43,809	41,808		85,717
New Mexico.....									3,760			3,760
Oklahoma.....							133	7,604	27,367			35,104
Rhode Island.....									121	8,612		8,733
Washington.....				2	8		11	367	25,848	10,634		36,870
West Virginia.....									16,364			16,364
Total.....				2	8	1,760	3,771	15,800	127,308	61,320		209,984

TOTAL ELEMENTARY AND HIGH SCHOOL ENROLLMENT.

Louisiana.....		3,242	19,960	35,227	13,024	26,932	44,734	73,090	107,369	1,083		325,571
Massachusetts.....								23,761	37,941	213,203		677,805
Montana.....	42	6,100	6,402	6,407	6,845	7,964	12,668	22,515	52,927			122,400
New Mexico.....							22,064	11,567	52,046			85,677
Oklahoma.....							27,557	339,214	184,594			551,365
Rhode Island.....									1,038	90,898		91,936
Washington.....	18		15	10	8	887	1,964	12,119	180,941	66,804	71	262,880
West Virginia.....					4,228	138,508	48,239	40,329	58,840			317,144
Grand total.....	60	9,402	28,377	45,646	26,005	174,311	157,213	622,496	1,035,695	371,918	71	2,364,655
Percent.....		0.4	1.1	1.8	1.1	7.4	6.6	26.1	43.8	15.7		100.0

\* Classified according to the number of days the schools were actually in session.

In figure 14 these percentages have been accumulated in such a way as to show the percentages of children who do not have a school term beyond a given number of days. Thus, 18.4 per cent of the 2,364,655 pupils do not have a school term exceeding 140 days and 40.5 per cent not exceeding 160 days. The general direction taken by this curve resembles an ogive in architecture. It is doubtful if it would be rectified to any great extent if all the children in the

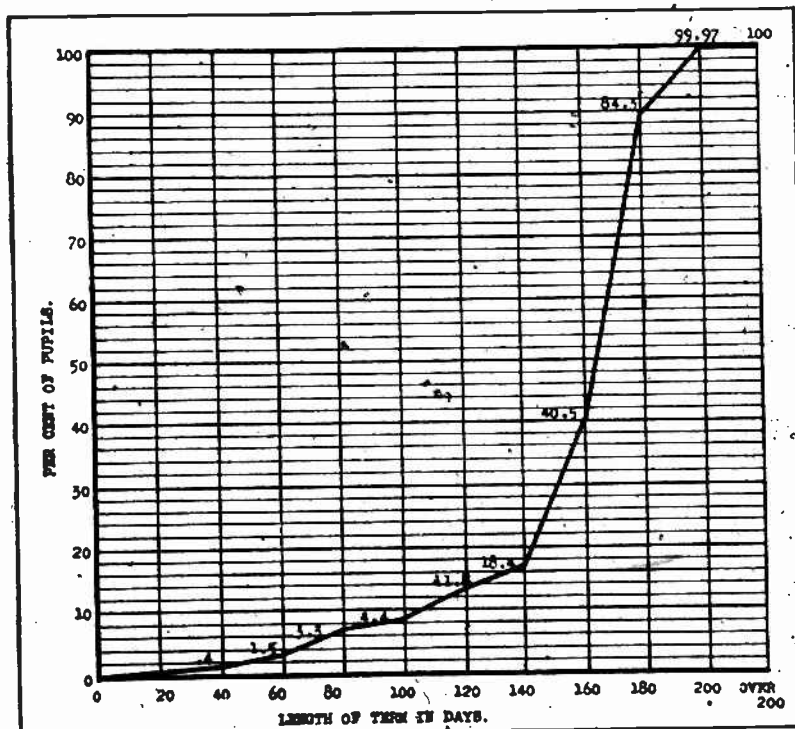


FIG. 14.—Percentage of pupils having the advantage of a school term equal to or less than the number of days indicated, 1917-18 (in 8 States) (e. g., about 40 per cent of the pupils enrolled have a school term of 160 days, or fewer).

United States were represented in it. The States composing this figure are representative, i. e., chosen from every section of the country—Louisiana, Massachusetts, Montana, New Mexico, Oklahoma, Rhode Island, Washington, and West Virginia. The average length of the school term in these 8 States is 160 days, as shown in Table 14, almost the same as the average for the United States (160.7 days). The lowest average included is 133 days, whereas the lowest average in the United States is 113 days.

TABLE 14.—The aggregate and average daily attendance and the average length of school term in the eight States reporting a distribution of pupils and average daily attendance, according to the length of the school term, 1917-18.

States.	Aggregate attendance.			Average daily attendance.			Average number of days schools were in session.		
	Kinder- garden and ele- mentary schools.	High schools.	Total.	Kinder- garden and ele- mentary schools.	High schools.	Total.	Kinder- garden and ele- men- tary schools.	High schools.	All schools.
1	2	3	4	5	6	7	8	9	10
Louisiana.....	28,738,396	2,068,773	31,757,169	214,541	18,881	233,422	134	157	136
Massachusetts.....	76,363,485	12,982,061	89,345,546	433,871	72,603	506,474	178	179	176
Montana.....	11,886,798	1,869,203	13,756,001	79,493	10,805	90,298	149	173	152
New Mexico.....	8,313,148	435,573	8,748,721	53,889	2,480	56,378	164	175	155
Oklahoma.....	47,582,060	4,597,413	52,179,473	306,968	27,546	333,514	156	167	157
Rhode Island.....	12,623,520	1,320,060	13,943,580	65,474	6,780	72,254	193	195	193
Washington.....	29,026,783	4,964,349	33,991,132	166,865	27,990	194,855	174	177	174
West Virginia.....	27,571,670	2,109,276	29,680,946	310,470	12,053	222,523	131	175	183
Total.....	242,156,058	31,246,720	273,402,778	1,530,571	179,147	1,709,718	158	174	160

TABLE 15.—Average daily attendance of pupils in seven States, distributed according to length of school term, 1917-18.

IN ELEMENTARY SCHOOLS AND KINDERGARTENS.<sup>1</sup>

States.	1-20 days.	21-40 days.	41-60 days.	61-80 days.	81-100 days.	101-120 days.	121-140 days.	141-160 days.	161-180 days.	181-200 days.	Over 200 days.	Total average attend- ance.
1	2	3	4	5	6	7	8	9	10	11	12	13
Louisiana.....		2,754	14,238	25,711	9,970	17,577	27,872	45,622	70,060	667		214,541
Massachusetts.....								20,345	273,671	139,965		433,871
New Mexico.....							14,220	7,976	31,695			53,889
Oklahoma.....							14,008	194,676	108,684			306,968
Rhode Island.....									634	64,540		65,474
Washington.....	12		11	6		598	1,328	8,196	113,321	45,382	30	166,865
West Virginia.....					8,666	60,970	30,637	30,790	54,418			210,470
Total.....	12	2,754	14,249	25,717	13,633	100,140	88,649	297,687	650,331	248,874	30	1,481,078

IN HIGH SCHOOLS.

Louisiana.....						1,360	2,963	6,016	8,385	167		18,881
Massachusetts.....								37,792	34,811			72,603
New Mexico.....								2,480				2,480
Oklahoma.....							45	6,312	21,180			27,546
Rhode Island.....									99	6,681		6,780
Washington.....				2	6		7	262	19,370	8,343		27,990
West Virginia.....									12,053			12,053
Total.....				2	6	1,360	3,016	12,500	101,377	49,992		168,342

IN KINDERGARTEN, ELEMENTARY, AND HIGH SCHOOLS.

Louisiana.....		2,754	14,238	25,711	9,970	18,937	30,635	51,708	73,445	824		233,422
Massachusetts.....								30,365	311,513	174,790		506,474
New Mexico.....							14,220	7,976	34,385			56,378
Oklahoma.....							14,008	190,686	127,379			333,514
Rhode Island.....								733	71,821			72,554
Washington.....	12		11	6		598	1,328	8,480	122,691	61,725	30	194,855
West Virginia.....					8,666	60,970	30,637	30,790	68,471			222,523
Grand total.....	12	2,784	14,249	25,719	13,641	110,808	81,664	310,377	751,706	296,899	30	1,610,420
Enrollment.....	18	8,348	19,673	32,916	16,160	160,327	144,448	499,880	952,700	371,916	71	2,242,255
Per cent of enrolled in attendance.....	66.7	85.0	71.3	73.0	78.1	68.4	63.4	62.3	76.4	80.4	42.3	72.4

<sup>1</sup> Classified according to the number of days the schools were actually in session.

In Table 15 the average daily attendance in these eight States is distributed according to the length of school term provided. At the bottom of this table the average daily attendance and the corresponding enrollment are given, from which the percentage of attendance has been computed. These percentages are shown graphically in figure 15. In this figure it appears that the attendance is poorest in schools having a six, seven, or eight months' term. The per cent

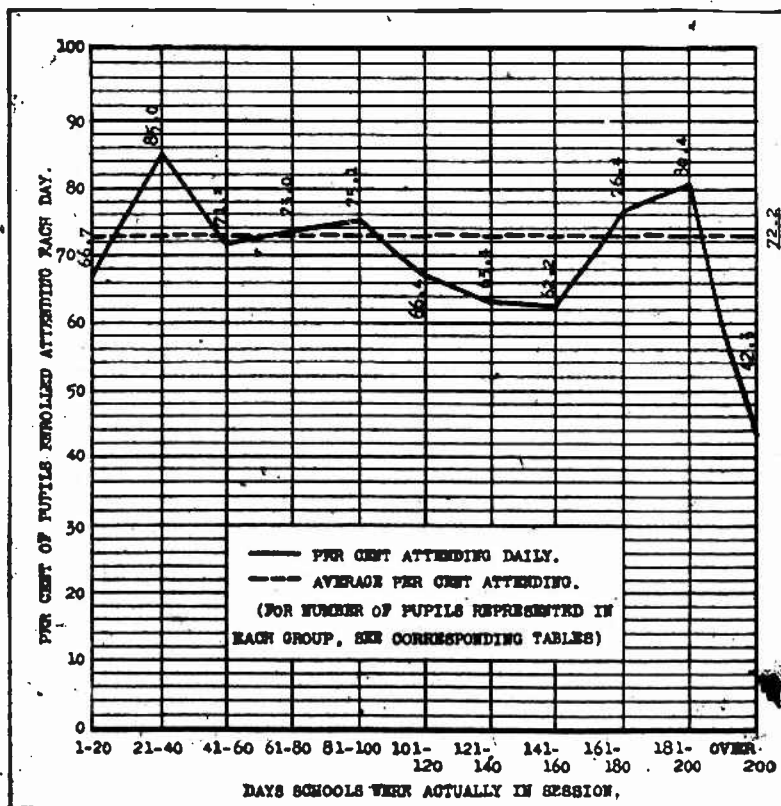


FIG. 15.—Per cent of pupils enrolled who were in average daily attendance, 1917-18 (in 8 States).

of attendance is highest where the term is very short or very long. In other words, in schools running for nine months 76 children out of each 100 enrolled will attend each day. In ten-months' schools 80 children will attend regularly. This condition seems to indicate that the more nearly the school term becomes an all-year affair the more nearly do children consider it their business to attend regularly. In case the term is very short, less than 100 days, the children consider it a special privilege to be permitted to attend for so short a time. The two extremes in the graph represent only a limited number of pupils and are not to be generalized upon.



## TEACHERS.

As will be observed from Table 38, the total number of teachers in the United States in 1918 was 650,709. This number includes 105,194 men and 545,515 women. In other words, only 16.1 per cent of the teachers in 1918 were men. These totals include 15 men and 3,522 women who were employed as kindergarten teachers, 75,448 men and 486,736 women who were teaching in the elementary schools, and 29,731 men and 55,259 women who gave instruction in high schools and vocational schools. As near as can be ascertained, these 650,709 teachers filled 633,585 teaching positions. It will be observed that a negligible percentage of men teachers is employed in kindergartens. In the elementary schools only 13.4 per cent of the 562,184 teachers were men. In the secondary schools 35 per cent of the 84,988 teachers were men.

There has been a general decrease in the percentage of men teachers since 1880. At that time 42.8 per cent of all teachers were men. This percentage has decreased to 34.5 per cent in 1890, to 29.9 per cent in 1900, to 21.1 per cent in 1910, to 19.3 per cent in 1916, and to 16.1 per cent in 1918. It can be seen, therefore, that the present scarcity of men teachers has not been caused wholly by war conditions. This tendency has been in evidence for some time but may have been accelerated slightly in 1918 by the war. This decreasing percentage is clearly illustrated in figure 16, in which three concentric circles are shown representing these average percentages for 1890, 1910, and 1918. At the present rate of decrease, few men teachers will be left in the profession in the next 20 years. This graph shows the percentage of men teachers in each State for these three dates. The States are arranged around the circle in the decreasing order of the percentage of men teachers in 1918. It is found that Arkansas, Indiana, West Virginia, Kentucky, Utah, and Tennessee still have more than 25 per cent of their teachers men. New Mexico, Alabama, North Carolina, Texas, Georgia, South Carolina, Virginia, and Arizona have lost most all of their men teachers within the last quarter of a century. In Vermont, Nebraska, Connecticut, New Hampshire, Wyoming, Colorado, Maine, Rhode Island, New Jersey, Iowa, Delaware, Minnesota, and Wisconsin the per cent of men teachers is now less than 10. In fact, in these States the proportion of men teachers has never been very great. It is also evident from the figure that the distinctly "rural" States have always had relatively high percentages of men teachers. In such industrial States as Connecticut, Rhode Island, and New Jersey the men have not gone into the teaching profession. In short, men have chosen the most remunerative occupation open to them and have only resorted to teaching when other occupations were less remunerative. The

logical conclusion is that teachers' salaries must be substantially increased in order to induce young men to take up the profession of teaching or to retain in the profession the men who have already enlisted.

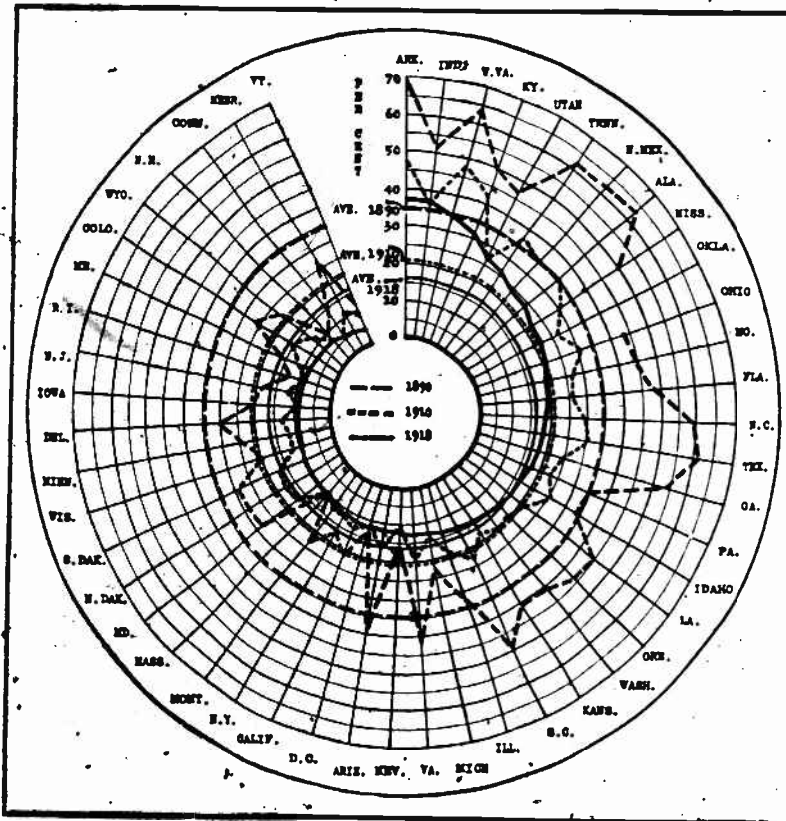


FIG. 14.—Per cent of teachers who are men (not including superintendents, principals, or supervisors, when separately reported).

#### TEACHERS' SALARIES.

The average annual salary of all teachers has increased slowly, but steadily, since 1870, as shown in Table 1. In 1870 the average was \$189; in 1880, \$195; in 1885, \$224; in 1890, \$252; in 1895, \$286; in 1900, \$325; in 1905, \$386; in 1910, \$485; in 1915, \$543; in 1916, \$563, and in 1918, \$635. It will be observed that the average increase for the past two years has been only \$72—\$36 per year—or about 6.4 per cent per year over the salaries paid in 1916. This rate of increase has not been commensurate with the increased cost of living as shown by the reports of the Bureau of Labor Statistics.

<sup>1</sup> Monthly Labor Review, September, 1919.

The total increase in the cost of living for a five-year period (December, 1914, to June, 1919) has been 76.76 per cent, or an average of 17.1 per cent per year over the cost in 1914. This percentage is computed from the increased cost of living in 18 shipbuilding cities, and probably is about correct for the country as a whole.

When one examines figure 17, it is found that a great variation from the average exists in a number of States. At one end of the array the averages are \$1,052, \$1,012, and \$976—the salaries paid by the District of Columbia, California, and New York, respectively. At the other end one finds South Carolina, Mississippi, and North Carolina, with averages of \$313, \$291, and \$284, respectively. These low averages in all the States must be increased, if the schools are to retain their most capable teachers. Few promising college or normal school graduates will care to enter a profession which pays so poorly.

Only 16 States and the District of Columbia made a reliable separation of the expenditures for the salaries of elementary and high-school teachers. In figure 18 it is found that the average salary of 26,721 high-school teachers in these States is \$1,031. Since so many States are represented, the average is presumably about correct for the country as a whole. All sections of the United States are represented in the figure, and the study includes the salaries of over 31 per cent of all high-school teachers in the United States. California pays the highest average of any State represented, viz, \$1,355; and Maine, the lowest, viz, \$652. As most secondary teachers are college graduates, the averages paid are exceedingly low.

The average salaries of elementary teachers in the same States is \$606. California ranks first in this classification, paying an average salary of \$891, which is even higher than that paid in the District of Columbia. Of the States represented, Georgia pays the lowest salaries—the average being only \$314. About 25 per cent of the elementary teachers in the United States are represented in this study.

#### ADMINISTRATIVE AND SUPERVISORY OFFICERS.

The 67,709 teachers hereinbefore mentioned do not include administrative and supervisory officers who devote half or more than half of their time to supervision. In 1918 26,890 administrative and supervisory officers were reported. Most of these officers are men and should be taken into consideration in discussing the decreasing shortage of men teachers. The percentages given above, however, are comparable, since administrative and supervisory officers have never been reported as teachers, and have not been included in the reports preceding 1918. Of the 26,890 officers designated above, 9,180 are employed in administrative positions. This number includes 377 employees (not clerks and stenographers) in State offices of education.

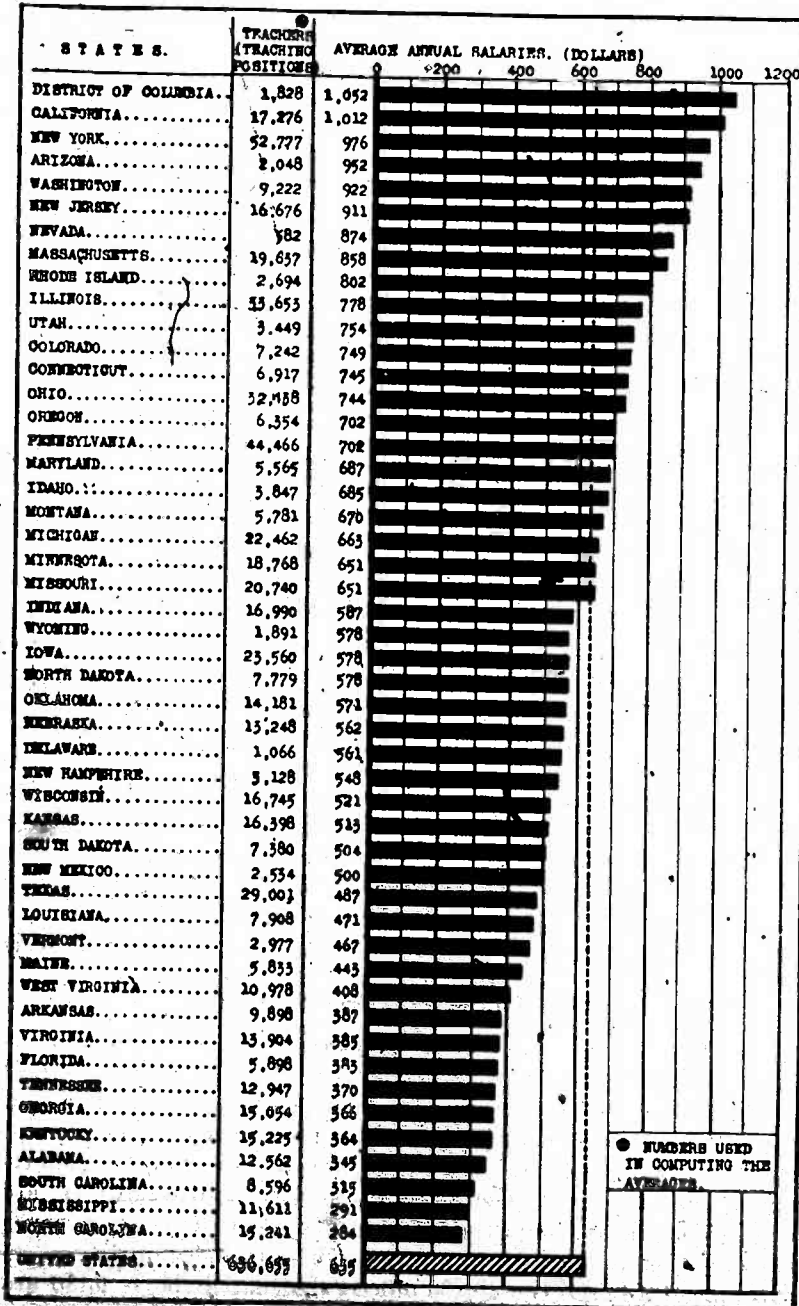


FIG. 17.—Average annual salaries of all elementary and secondary teachers, 1917-18.

1,077 district superintendents, 417 township superintendents, 2,130 county superintendents, and 4,179 city superintendents and assistants. Altogether, 5,119 supervisors of instruction of special grades or subjects were reported. This total includes supervisors in kindergartens, elementary schools, and secondary schools. In addition, 12,591 principals were reported. These supervising principals are employed in kindergartens, in elementary and secondary schools.

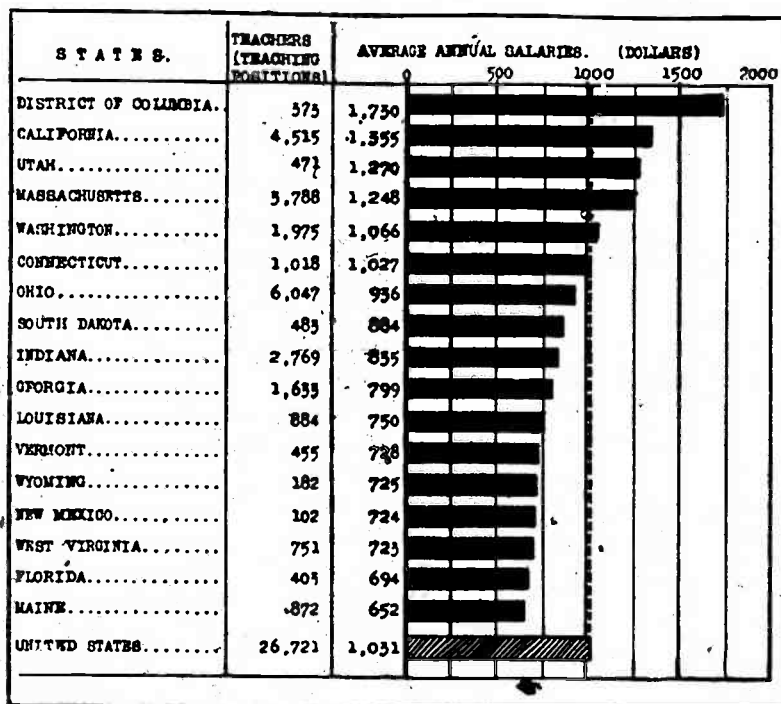


FIG. 18.—Average annual salaries of 26,721 high school teachers in 16 States and the District of Columbia, 1917-18.

TOTAL NUMBER OF SCHOOLS.

The data reported on the number of schools is not entirely reliable, since this information has never been sought in the statistical questionnaires used in preceding years. In certain States a school is defined as a schoolroom over which a teacher has charge. For the purposes of this report a school is defined as a unit of organization under the supervision of a principal, in case such officer is employed, or a one-room rural school in charge of one teacher. A high school, an elementary school, and a kindergarten, although housed in the same building, should be counted as three separate schools. Since many of the States had not modified their questionnaires in 1918 in accord-

ance with this standard, the returns often lack uniformity. Where no report was made, it was assumed that the number of schools was equal to the number of school buildings. The aggregate number of schools secured in this manner is 277,734. This aggregate is undoubtedly too low, but no data are available on which to base a closer estimate.

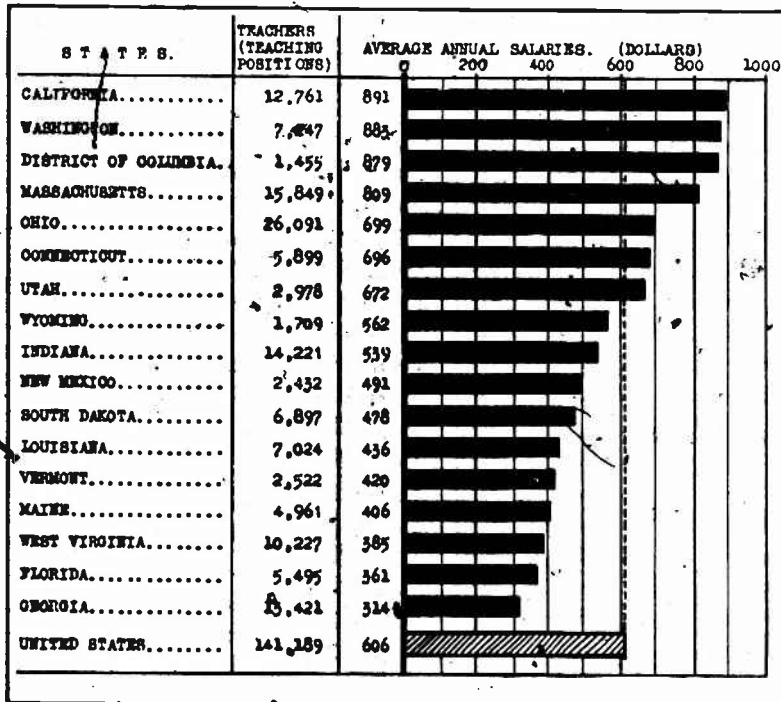


FIG. 19.—Average annual salaries of 141,189 teachers for elementary schools in 16 States and the District of Columbia, 1917-18.

#### CONSOLIDATED SCHOOLS.

For the purpose of this report a consolidated school is defined as one which employs two or more teachers and which has been formed by the union of two or more rural schools. In no case should "the number of consolidated schools" refer to the number of rural schools abandoned through consolidation. The returns on the number of consolidated schools are not entirely satisfactory, since several States did not have the information at hand and could make no report. Altogether, 33 States reported an aggregate of 8,407 consolidated schools. Only 22 States reported the number of consolidated schools established this year. The aggregate reported was 511. In all probability the total number of such schools now in the United States is not far from 12,000.

## SCHOOL BUILDINGS.

In 1918 the various State officers reported an aggregate of 276,827 buildings used for school purposes. In 1916 the number of buildings reported was 281,524. This decrease of 4,697 buildings is largely accounted for by the fact that in certain States many of the one-room rural schools have been abandoned through consolidation. In 1916 the State officers were asked to report the "total number of school buildings owned and rented." In 1918 they were asked to give the "number of buildings used for school purposes." It is doubtful if this modification in the question produced any material decrease in the number of buildings reported, since the new blanks were not submitted to the State officers until after they had received the reports for 1918 from the local school officials. Only a few States reported the number of buildings used exclusively for high-school purposes.

The total number of buildings reported above includes both rural school buildings and school buildings in cities. From the special reports from city school officers it is found that there are 18,974 school buildings in the total number of cities which had a population of 5,000 or over in 1910 and in 661 smaller cities which had a population between 2,500 and 5,000 in 1910. If the number of buildings in cities is taken from the total number of buildings in the United States, the remainder gives the number of rural school buildings. This number is found to be 257,853. From the reports of the State officers it is found that there were 195,400 one-room rural school buildings in the United States in 1918. In other words, 76 per cent of the rural school buildings have only one room. Herein lies the crude material with which the movement for the consolidation of schools must work.

The percentage of rural school buildings having only one room has been computed for each State, as shown graphically in figure 20. Utah has the smallest percentage, only 23 per cent; Rhode Island comes second with 37 per cent; and Texas, third with 42 per cent. In all other States half or more than half of the rural schools have only one room. In Iowa, Connecticut, Massachusetts, Montana, South Dakota, and Minnesota 90 per cent or more of the rural schools have only one room.

## VALUE OF PUBLIC SCHOOL PROPERTY.

The total value of all public property used for school purposes was \$1,983,508,818 in 1918. This includes the value of buildings, sites, and all equipment. Not all States were able to show just how much of this total was the value of sites and buildings or of equipment; nor were many of them able to separate the value of property used for elementary and for secondary schools. The distribution made has been given in Table 41.

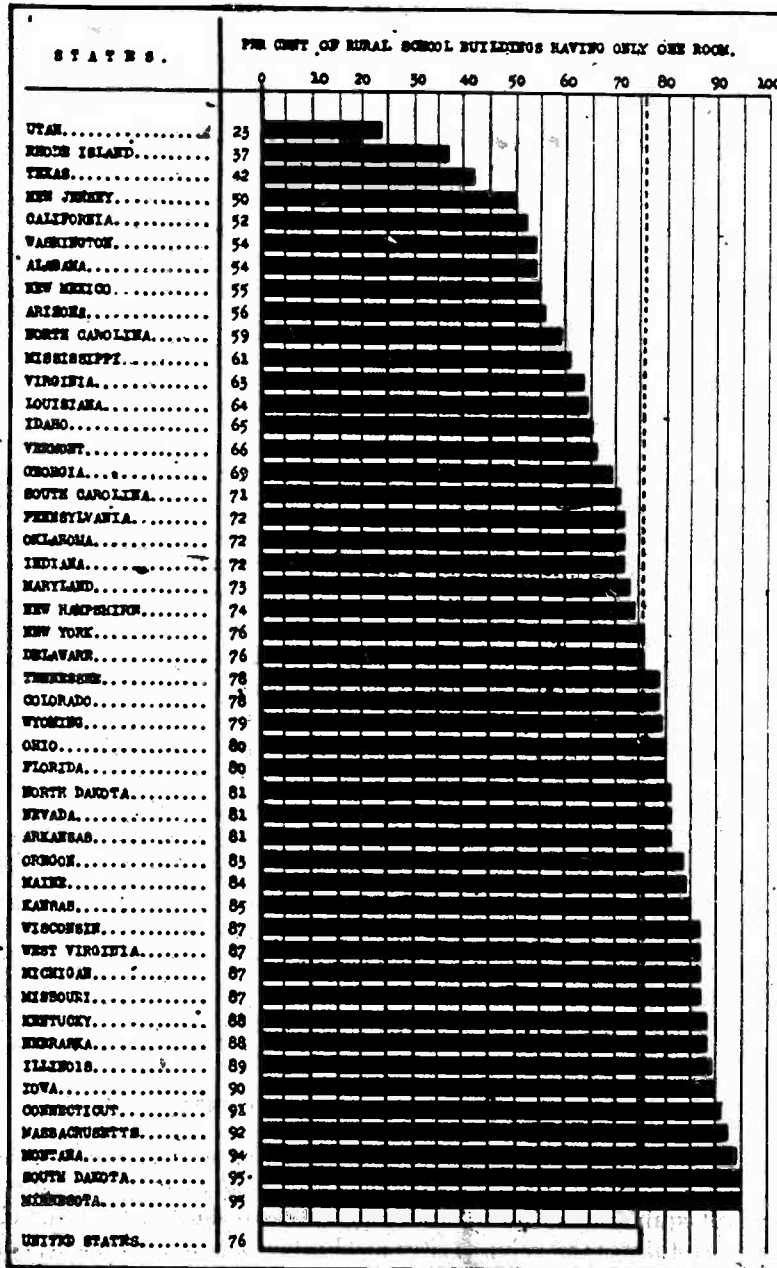


FIG. 20.—Per cent of rural school buildings which have only one room, 1917-18.



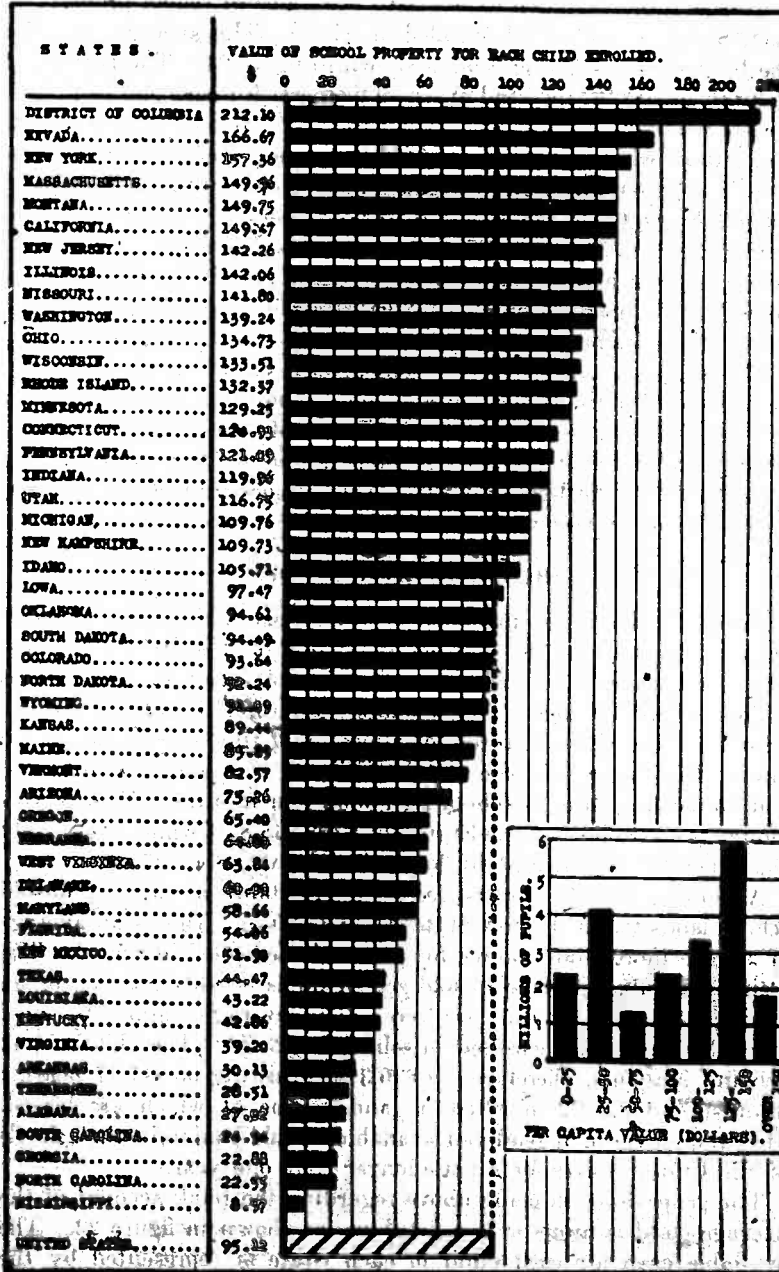


FIG. 21.—Value of school property for each pupil enrolled, 1917-18.

50873-21-7

Considerable variation exists as to the value of school property in each State for each child enrolled in school. The average value for the United States is over \$95, as shown in figure 21. The District of Columbia has \$212 invested in school property for each child enrolled. Nevada ranks second, with a per capita of almost \$167; and New York third with an average of \$157. At the other extreme, Mississippi has less than \$9 invested in school property for each child in school; North Carolina has less than \$23; Georgia, less than \$23; and South Carolina almost \$25. In other words, Nevada has almost 19 times as great a per capita value of school property as Mississippi; New York 7 times as much as North Carolina; and Massachusetts, over 6 times as much as Georgia.

The supplementary corner graph groups in a concrete way the details shown in the larger figure. Thus, almost 6 millions of children live in States where the per capita value of school property is between \$125 and \$150. Over 2 millions live in the four States having a per capita value less than \$25. Almost one-third of the children in the United States live in States having a per capita value less than \$50.

#### THE CHILD'S BANK ACCOUNT.

Table 42 shows the principal of the permanent school funds in each State and also the acreage and value of unsold school lands. The total amount of the permanent school funds in the various States is \$358,126,268. This amount would be sufficient to run the schools of the United States for almost half the school year, or 80 days. In other words, the child's available cash amounts to \$17.17 and would keep him in school for about four months. Most of this money is controlled by the State, viz, \$308,118,870, while a relatively small portion is managed by local officials, viz, \$50,007,398.

According to the reports received, the total acreage of unsold school lands in the United States is 46,314,957. This is an average of a little more than 2 acres for each child enrolled in school. The estimated value of these unsold school lands is \$484,200,293, or an average value of \$10.45 per acre. The average value of school lands for each child enrolled in school is \$23.22. The child's bank account amounts, therefore, to \$40.39, consisting of \$17.17 bearing interest and \$23.22 invested in lands, some of which are leased. This total wealth, if rendered available, would maintain the schools of the United States for a little longer than one year.

The generalization made above regarding the bank account of the average child is more or less fictitious, as shown in figure 22. The available cash for each child in each State is represented by the black bar, while the per capita investment in school lands is represented by the "concreted" part of the bar extending beyond it. The total length of the two portions of bar represents the value of

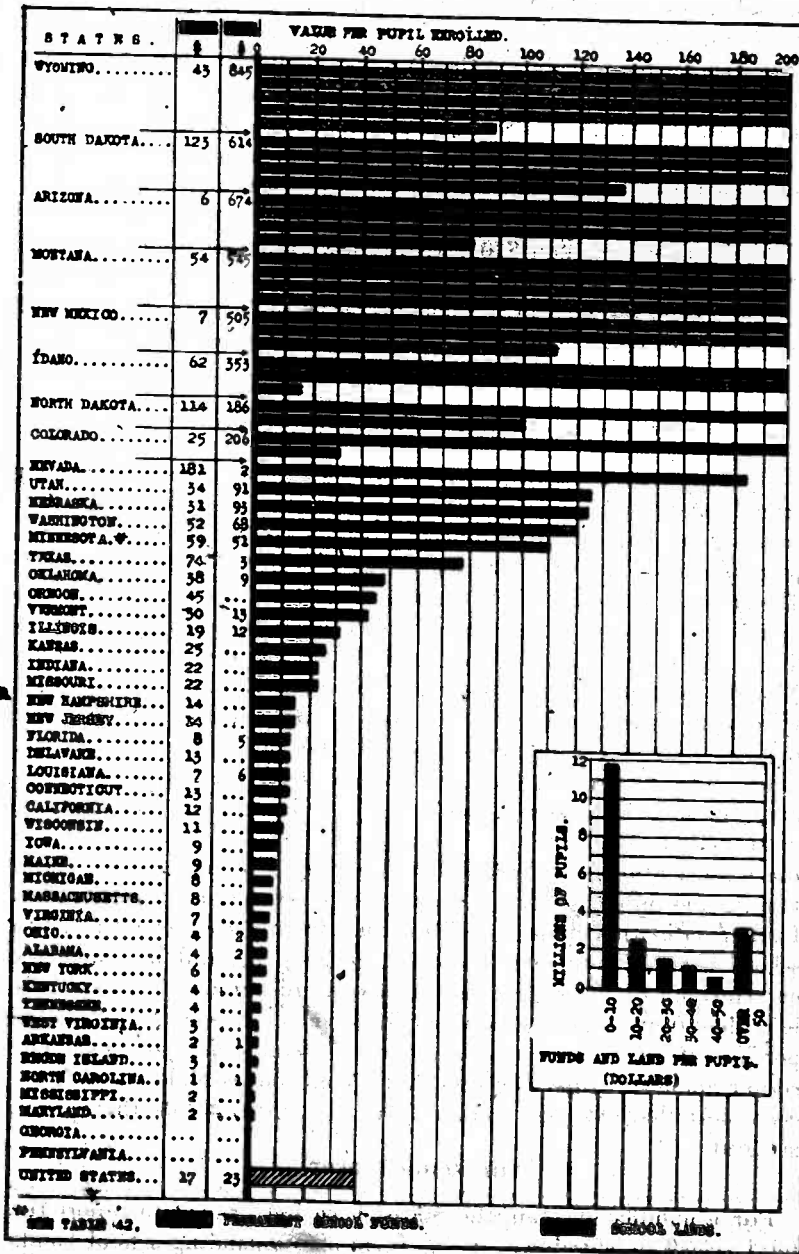


FIG. 22.—Principal of permanent school funds and estimated value of unasked school lands per pupil enrolled in school, 1917-18.

school funds and school lands for each child enrolled in school. It represents, therefore, the child's potential wealth, while the black part denotes his "ready" cash. A great variation exists among the different States with regard to this per capita value. Montana has a per capita value of \$888 per pupil; South Dakota, \$737; and Arizona, \$680. At the other extreme, it is found that the same average for Georgia and Pennsylvania is practically nothing. By noting the corner graph, it will be found that almost 12 millions of children have less than \$10 each in their bank accounts. Nevada has the greatest per capita value of "ready" cash. In other words, for each child enrolled in the public schools of Nevada there is \$181 in the permanent school fund. On this score South Dakota has \$123 per pupil; and North Dakota, \$114.

#### INTEREST ON THE CHILD'S BANK ACCOUNT.

It is of greater interest to ascertain the income from permanent school funds and school lands per pupil than to compute the per capita value thereof, since much school land is not leased, and some permanent school funds are loaned at a very low rate of interest. The income, therefore, from these sources has been divided by the number of children attending school, and the results are shown in figure 23. The annual income for each pupil in Wyoming is \$12.68. Nevada comes next with an average income of \$11.24, and Montana, third with a per capita of \$9.80. New Hampshire and Pennsylvania report no income from this source. In North Carolina the interest is added to the existing fund and does not benefit the present generation of school children. Each pupil in Georgia receives 2 cents; in Maryland, 6 cents; and in Arkansas, 12 cents. The average for the United States is only \$1.03. The average annual cost of maintaining the public schools per pupil enrolled is \$30.91, as is shown further on in this chapter. The income from permanent funds and school lands is sufficient, therefore, to keep a pupil in school for one-thirtieth of the school year or a little more than five days. It is evident from this deduction that the schools must secure the greater portion of their revenue from taxation and other sources. The corner graph in figure 23 shows that 15 millions of children each receive less than \$1 per annum from the interest on their bank account.

#### THE SCHOOL DEBT.

For a number of years the States have been asked to report the total school indebtedness, in the form of outstanding school bonds or of temporary loans, but the returns have been so incomplete that they have not been published. In 1918 all the States, except 13, reported their existing indebtedness, viz: Alabama, Arizona, District

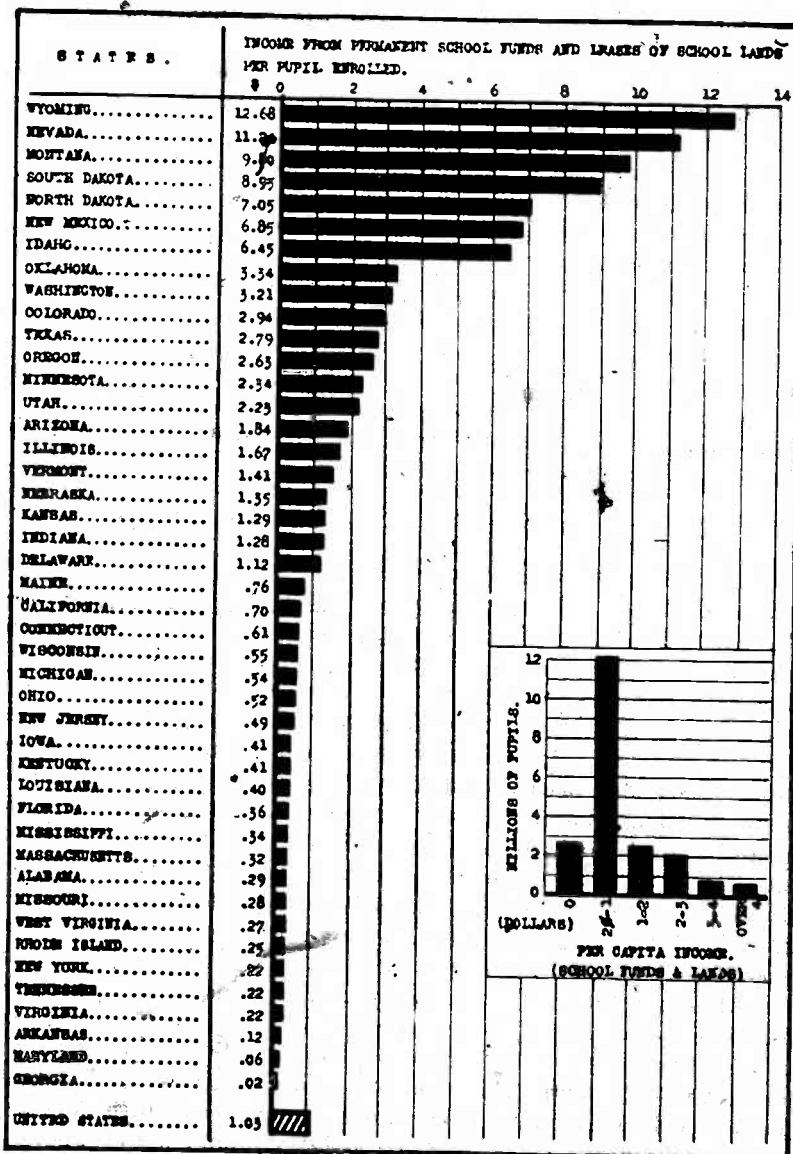


FIG. 22.—Income from permanent school funds and leases of school lands per pupil enrolled, 1917-18.

of Columbia, Kansas, Kentucky, Maine, Maryland, Massachusetts, Montana, North Carolina, Pennsylvania, Rhode Island, and South Carolina. The total debt reported for the remaining 36 States is \$469,089,795. The total number of children enrolled in school in these 36 States is 15,447,086. The school debt, therefore, averages \$30.37 per pupil. This average is only \$10.02 less than the average pupil's bank account (\$40.39). In other words, each pupil is in debt to the extent of three-fourths of his bank account or capital. Assuming that the 5,406,430 children enrolled in school in the 13 States named above and not making a report on existing school indebtedness have an overhanging indebtedness of \$30.37 each, the total school indebtedness in these 13 States would be \$164,193,279. If this estimate is correct, and if the other 36 States reported their total school indebtedness, the total school indebtedness of the United States is \$633,283,074. This amount is about 83 per cent of the amount of money necessary to run all the schools of the United States for one year. In other words, if we should stop our schools for a year we could pay off our school debt, and have a small balance.

#### PAYMENT OF THE SCHOOL DEBT.

Only 12 States did not report the amount paid in 1918 on the school debt, viz, Alabama, Arkansas, California, Indiana, Kansas, Maryland, Massachusetts, Mississippi, Missouri, Nevada, Oklahoma, and Pennsylvania. The total amount paid on the school debt by the other 37 States was \$14,782,914. This sum includes the amount paid from current funds, i. e., from moneys raised by taxation or appropriation in 1918 and also any amounts paid out of sinking funds which had been accumulating in previous years. The total number of pupils enrolled in school in these 37 States was 14,093,753, and the total indebtedness liquidated was \$14,782,914. In other words, the per capita indebtedness canceled during the year was \$1.05. If a corresponding per capita amount was paid in the other 12 States for the 6,759,763 pupils enrolled in school in these States, it is estimated that an additional amount of \$7,097,751 was paid on the school debt in 1918. The total amortization of indebtedness in 1918 is, therefore, estimated to be \$21,880,665. Proceeding at this rate it would take almost 29 years to pay off the estimated total school debt of \$633,283,074. This is not surprising in view of the fact that most school bonds run for long periods, varying from 10 to 35 years, and that the greater portion of the school debt is not due to temporary loans, but to either serial or long-term bonds. Another factor must also be reckoned with in that a larger proportion of bonds may become due in one year than in another, consequently the deduction drawn above may be only approximate.

## SINKING FUNDS.

Only 11 States reported the amount in their school sinking funds. The total amount thus reported was \$11,531,576. From these meager reports it is not safe to estimate the total amount in the sinking fund in all the States. As many school laws now authorize only the issuance of serial bonds, which are paid off annually as they become due, it is not safe to assume that the States not reporting the amount in the sinking funds have the same per capita amount in such funds as the States do which issue long-term bonds and provide for accumulating sinking funds.

Nine States reported an aggregate of \$4,985,931 transferred to sinking funds during the school year 1917-18.

## INTEREST PAID ON INDEBTEDNESS.

Altogether, 20 States did not report the amount of interest paid on indebtedness. In the other 29 States the interest amounted to \$15,154,585, or an equivalent of \$1.25 for each of the 12,113,570 pupils enrolled in the schools of these States. In other words, the interest per pupil (\$1.25) paid out annually is 20 cents more than the per capita amount paid out for the liquidation of debts (\$1.05). The interest on the school debt is 19 per cent greater than the payments made on the debt itself. Assuming that the 20 States not reporting this item pay the same amount of interest per pupil enrolled, the additional amount for interest would be \$10,924,933. The total amount of interest paid on the school debt in 1918 would be \$26,079,518. This amount represents the interest paid on the total estimated school debt of \$633,283,074. If these estimates are essentially correct, the average rate of interest paid is 4.12 per cent.

It is shown above that the average income from school funds and school lands for each pupil enrolled is \$1.03. More than this amount, \$1.05, is paid out each year to meet maturing bonds and other forms of debt. An additional \$1.25 per pupil is spent for interest. It can be seen, therefore, that the pupil's financial obligations in effect are more than double his assets.

## REVENUE RECEIPTS.

It is shown in figure 24 that the percentage of school revenue derived from the State taxes has decreased and that the proportion derived from local taxes has increased since 1890. The proportion coming from permanent school funds and school lands and also the proportion derived from all other sources have decreased within this period of 28 years. The schools are coming more and more to depend upon local taxation for support. Unfortunately, it is impossible to ascertain what proportion accrued from county taxation in the years

preceding 1918, as the meager data reported did not warrant publication.

In figure 25 the total revenue receipts have been classified into three groups, showing the proportion received from the State, the county, and the local unit of taxation. This figure and the two immediately following do not include moneys derived from the sale of bonds, from the negotiation of temporary loans, the proceeds from the sale of school property, nor any moneys derived from insurance adjustments. In this figure "State" includes all moneys derived from State taxation or appropriation, all income from State

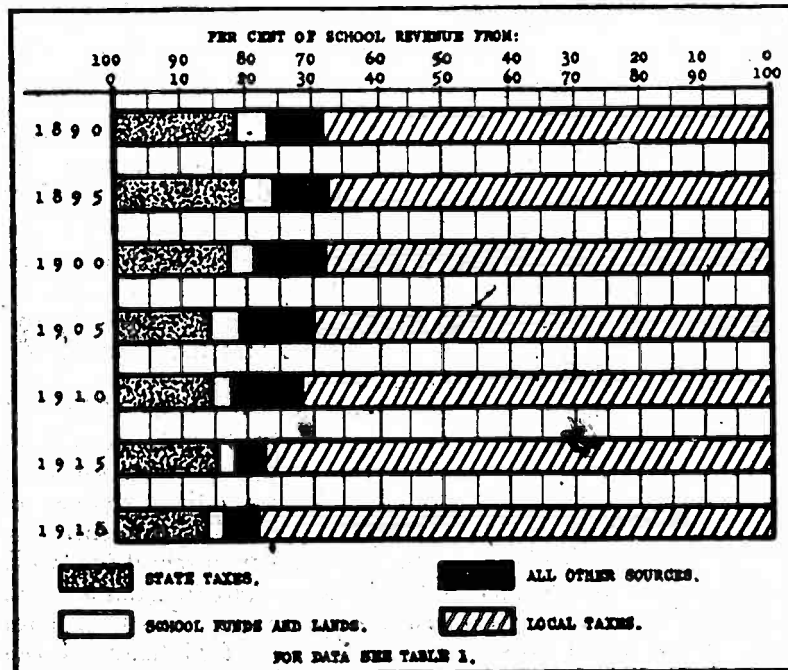


FIG. 24.—Percentage of total school revenue derived from the various sources, 1890-1918.

permanent school funds or from leases of State school lands, and all other State moneys derived from incidental sources. It is not comparable to the amount derived only from State taxation, shown in figure 24. "County" includes all moneys raised by a uniform county tax. "Local" includes all township, district, and municipal moneys raised for the support of the schools.

It is found that 16.8 per cent of all school revenue comes from the State; 79 per cent from the county; and 75.3 per cent from the local unit of taxation. In other words, over three-fourths of all school moneys come from local support. Considerable variation exists



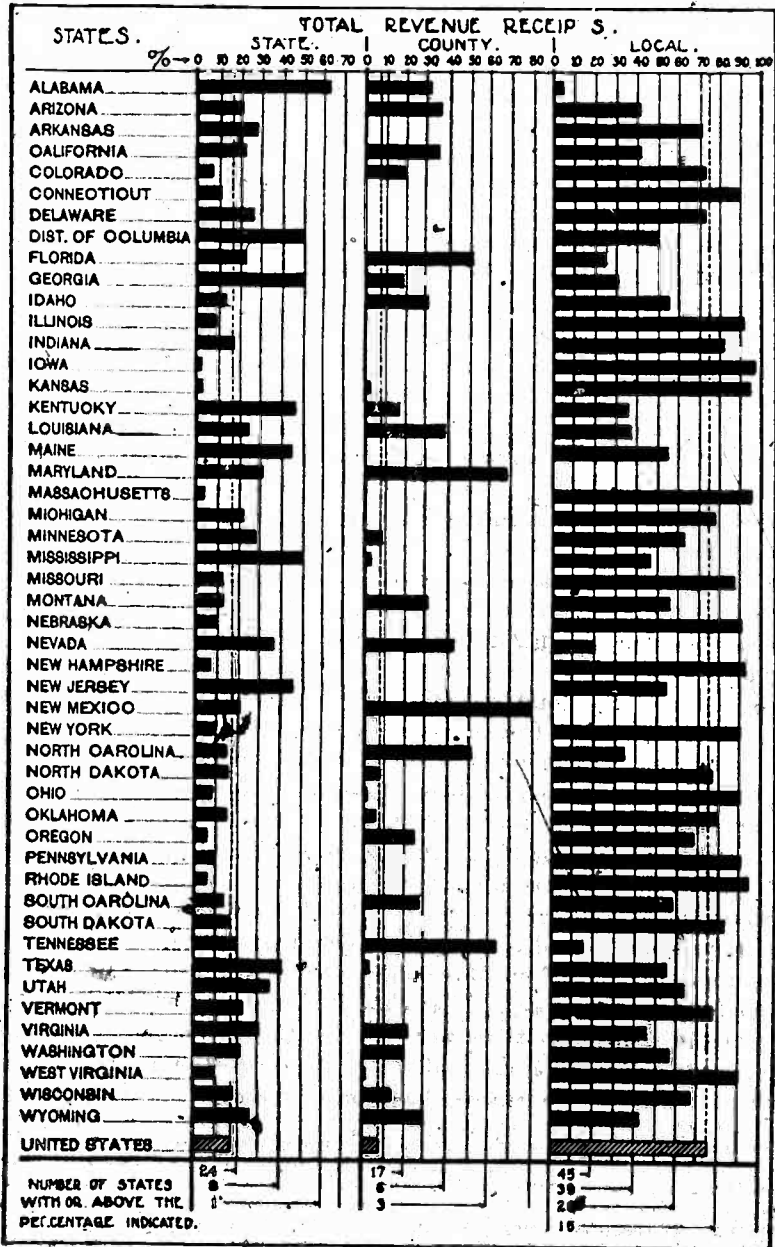


FIG. 25.—An analysis of total revenue receipts so as to show the per cent derived from the State, the county, and the local unit, 1917-18.

among the States in regard to this matter. Alabama receives over 60 per cent of its school revenue from State sources. Seven other States receive as much as 40 per cent from this source, and 15 other States derive over 20 per cent therefrom. In three States over 60 per cent of the school revenue comes from the county. In three other States over 40 per cent of such revenue is so derived. Altogether, 17 States get over one-fifth of their school revenue from the county. In 11 States over 90 per cent of the school revenue comes from the local unit. In 4 other States over 80 per cent is so derived. Altogether, 26 States get over 60 per cent of their school moneys from the local unit of taxation.

In figure 26 the total revenue receipts have been classified so as to show the proportion coming from school funds and school lands, from taxation and appropriation, and from all other sources. It is strikingly apparent that the greater portion of the school revenue is derived from annual taxation and appropriation. In fact, only 2.9 per cent comes from permanent school funds and school lands, and only 4.6 per cent from incidental sources. In short, 92.5 per cent of our school revenue is raised annually by taxation. In only 17 States is the proportion raised by taxation less than 90 per cent. In 9 States over one-tenth of the school revenue comes from school funds and school lands. In 2 States this proportion is over one-fifth. In 6 States the amount coming from incidental sources is equal to at least one-tenth of the total revenue, and in Texas over one-fifth of the school money comes from incidental sources.

In figure 27 the amount of school money received only from taxation and appropriation has been "broken up" to show the proportion coming from the State, the county, and the local unit (township, district, or municipality). In Alabama over 60 per cent of the amount raised by taxation comes from a State tax. In 7 other States this percentage exceeds 40. In 11 other States over one-fifth of the amount raised by taxation comes from a State school tax or appropriation. In New Mexico the county is the sole unit of taxation for school purposes. In two other States over 60 per cent comes from the county, in three other States the proportion exceeds 40 per cent, and in 10 additional States the proportion is greater than 20 per cent. These States, Alabama, Maryland, and New Mexico.

Figure 27, like all other data in this chapter, is based upon statistical returns from the several State superintendents of public instruction. It is substantially correct, but in some particulars it is not absolutely so. For example, in certain States, as in Oregon, in which there is no general State tax or appropriation for schools, the expenses of the State department of education are paid from the general funds of the State. This constitutes a State appropriation to education to this extent, but the diagram does not show it. In other cases, it was not practicable to obtain complete figures: in New Mexico, for example, the "county unit" extends only to rural districts, but the amounts raised by the cities and towns were not stated by the State superintendent; and he was unable to segregate the amount raised by State taxation from the income on the permanent fund. Such departures from strict accuracy are, however, relatively unimportant.

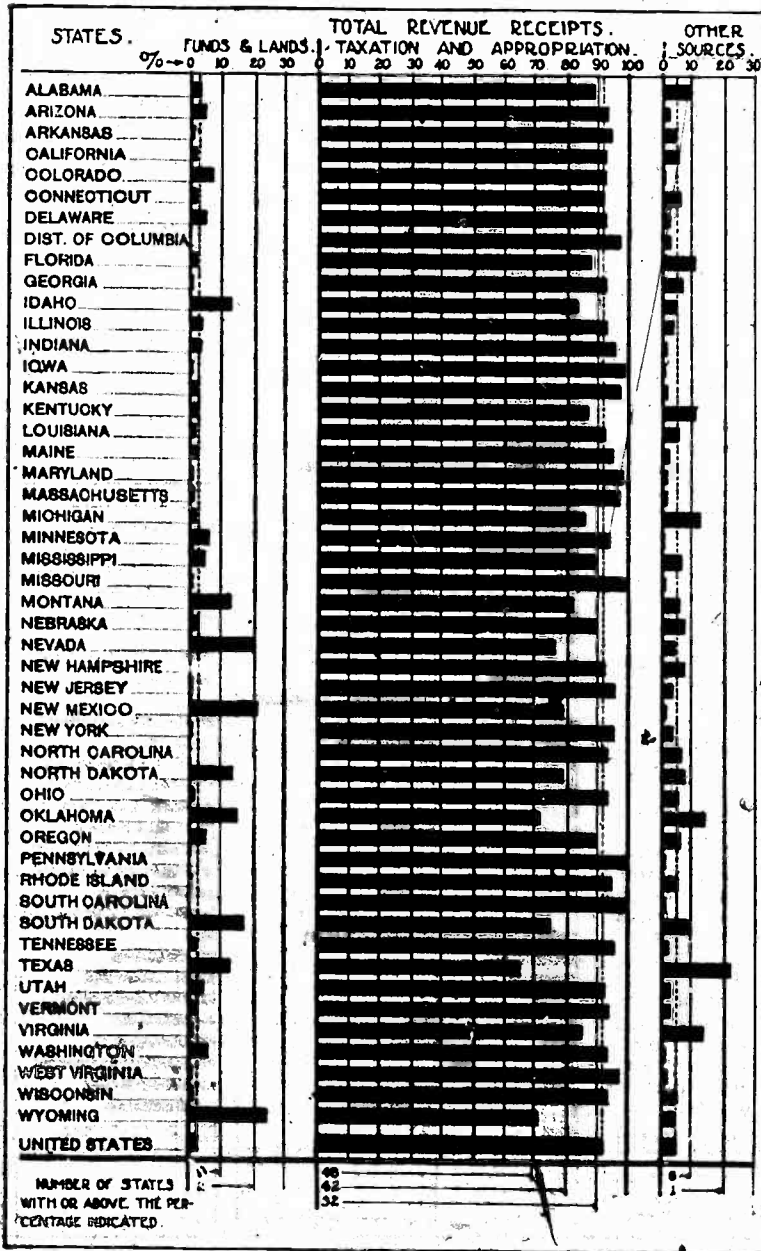


FIG. 26.—An analysis of total revenue receipts showing the percentage derived from the sources indicated, 1917-18.

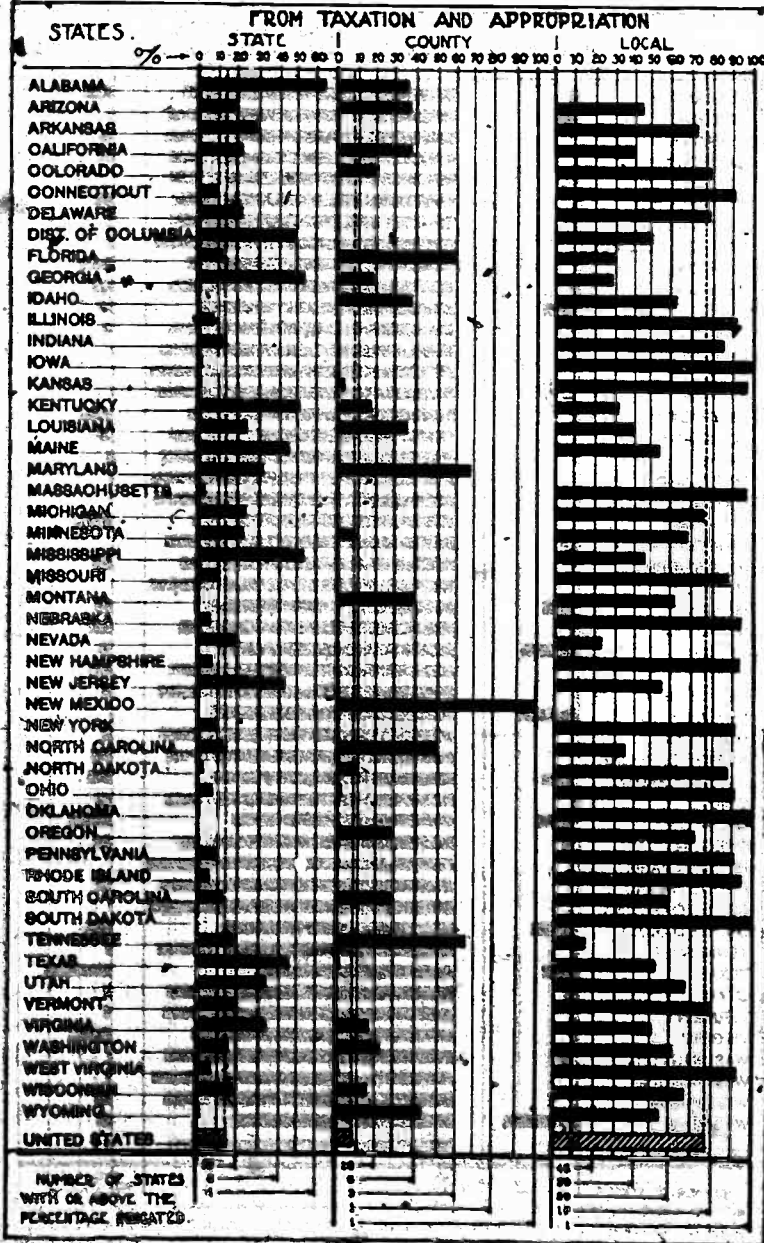


FIG. 27.—A percentage analysis of receipts from taxation and appropriation based on the unit of taxation, 1917-18.

had no local school tax in 1918. In South Dakota all the school tax is local. In 16 other States over 80 per cent of the school tax comes from local sources. For the United States as a whole, 14.8 per cent of the school revenue derived from taxation and appropriation comes from the State, 8 per cent from the county, and 77.2 per cent from the local unit. It is seen, therefore, that over three-fourths of such revenue comes from local sources.

#### NONREVENUE RECEIPTS.

Nonrevenue receipts include all moneys derived from the sale of bonds, from the negotiation of temporary loans, from the sale of school property, or from the proceeds of insurance adjustments. In short, any moneys derived by decreasing the value of school property or by putting the school district under future obligations are considered as nonrevenue receipts. The total amount of nonrevenue receipts reported in 1918 was \$65,736,726. This aggregate includes \$59,601,978 derived from loans and bond sales; \$1,348,183 from the sale of property and the proceeds of insurance adjustments, and \$4,786,565 from other sources. The amount derived from borrowed money includes the proceeds of county loans aggregating \$5,029,993. In other words, 8.4 per cent of the bond sales authorized were county obligations. As only 33 States reported the amount received from loans and bond sales, the per capita debt incurred for each of the 13,513,401 pupils in these States is \$4.41. Assuming that an equal per capita indebtedness was incurred for the 7,340,115 children in the other 16 States, the total additional indebtedness would be \$32,369,907, making a grand total of \$91,971,885. This amount indicates the extent to which the schools are going into debt annually. If these foregoing estimates are correct, viz, \$1.05 paid on indebtedness per pupil, and \$4.41 the per pupil additional indebtedness involved annually, the schools are now incurring over four times as much debt annually as they are liquidating. It should be remarked, however, that temporary loans are often incurred which are met the following fiscal year, and, consequently, should not be properly chargeable to permanent indebtedness authorized for the construction of buildings, purchasing sites, or for meeting any unusual capital expenditure. On this score the per capita debt of \$4.41 may be slightly exaggerated. Temporary loans negotiated and repaid during the same fiscal year have not been included in this report.

#### BALANCE ON HAND.

The total balance on hand from the preceding school year (1916-17) as reported by 44 States was \$172,323,850. This is about one-fourth the amount necessary to maintain the schools for the year considered in this report, 1918.

## EXPENDITURES.

The total expenditure for the schools in 1918 was \$763,678,089, excluding the payment of bonds. The amount spent for the same purpose in 1916 was \$640,717,053. This increase of \$112,961,036 is equal to 17.6 per cent for the two-year period, or an annual increase of 8.8 per cent over the cost in 1916. Some conception of this enormous expenditure may be gained when it is noted that it costs \$4,745,974, or almost \$5,000,000 per day, to run the schools of the United States.

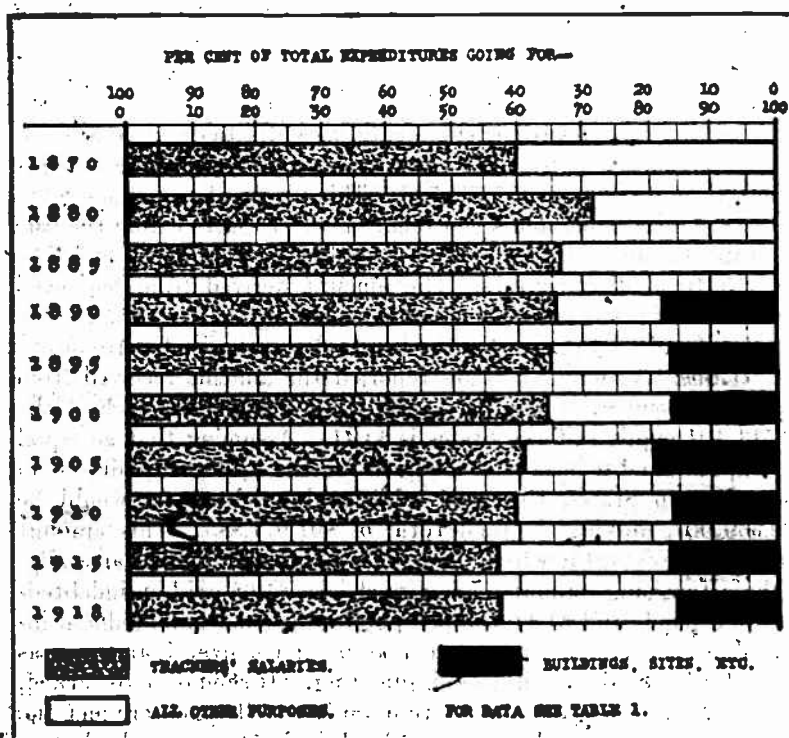


FIG. 23.—Proportion of total school expenditures going for teachers' salaries, new buildings, sites, and new equipment, 1870-1918.

An attempt is made in the following pages to analyze school expenditures so as to show what proportion of the cost of education is incurred for the various functions and to show the per capita cost of the same on several bases for the different States. In figure 28 it is found that there has been a general decrease in the proportion of expenditures going for teachers' salaries since 1880. At that time over 70 per cent of the schools' costs went for this purpose. In 1918 only a little over 57 per cent went for the salaries of teachers and superintendents. Beginning in 1890, it is found that an increase

ing proportion of expenditures is being made for miscellaneous purposes. In general there has been little change in the proportion spent for new buildings, sites, and new equipment. The decrease in the proportion spent for teachers' salaries has been due, therefore, to the increased proportion going for capital outlays.

The expenditures for 1918 have been minutely analyzed into the various functions of expense in figure 29. The left half of the figure shows the proportion going for general control, for instruction, for miscellaneous purposes, and for capital outlays. Of each school dollar spent, 3.3 cents goes for general control; 58.2 cents for instruction; 23 cents for miscellaneous purposes; and 15.5 cents for new buildings, sites, and new equipment. The right half of the graph shows the subdivisions of these major functions of expense. Thus 1 cent goes for school boards and business officers; 2 cents for salaries of superintendents; 55 cents for salaries of supervisors, principals, and teachers; 6.9 cents for janitors' salaries; 7.8 cents for fuel, water, light, and power, etc. From this figure it is possible for any State to compare the distribution of its school expenditures with the average for all the States.

The distribution of school expenditures for each State is shown in figure 30. The arrows indicate the average per cent going for instruction, for miscellaneous expenses, for outlays, and for general control. The States are arranged around the circle in the decreasing order of the magnitude of the proportion of school moneys going for instruction. It is found that Mississippi ranks first, spending over 90 per cent of its school money for instruction. Georgia comes second; South Carolina, third; and North Carolina, fourth. New Mexico, Michigan, North Dakota, and Pennsylvania, on this score, spend the smallest proportions for instruction. It is possible in this graph that the central tendency indicates the more commendable practice of disbursing school moneys. The middle half of the States is indicated by the arrows in the center of the figure. It should be remembered that all school expenditures, excluding the payment of bonds, are included in this figure. From it any State can judge whether it is above or below the average for the total school cost. Usually for a State as a whole under normal conditions the proportion of money spent for new buildings and grounds will not vary considerably from year to year. In other words, the building program of a State for a period of years is fairly constant.

As the "building" factor in 1918 was subject to unusual and varied restriction on account of the war, it is desirable to show separately the distribution of the current expenditures in each State, including only the proportion going for instruction, for general control, and for miscellaneous purposes. In figure 31 the States are again arranged

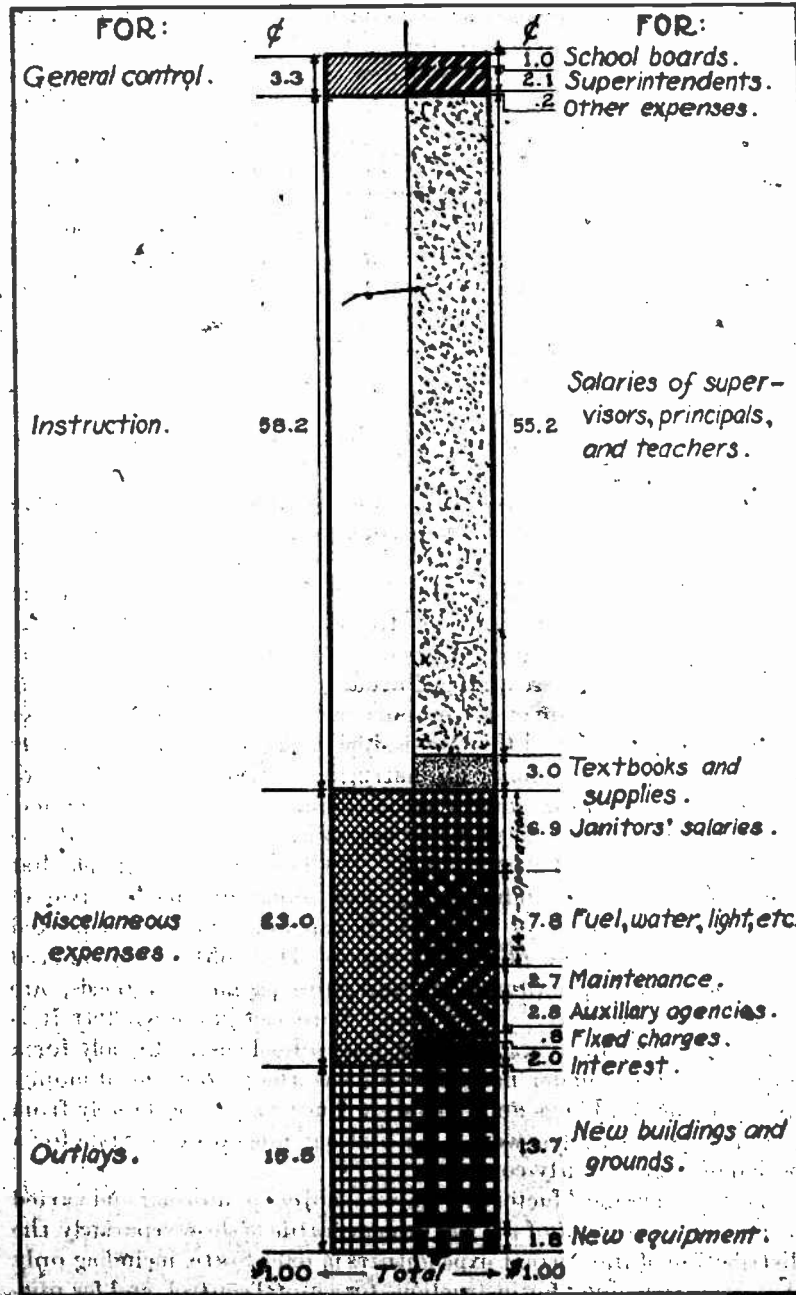


FIG. 26.—Where the school dollar goes.



around the circle in the decreasing order of the proportion of expenditures going for instruction. With the "building" factor eliminated, Mississippi, Georgia, South Carolina, and North Carolina come first and North Dakota, Pennsylvania, Michigan, and Idaho last. The middle half again, probably, indicates the better distribution and has been so indicated at the center of the figure. Two distinct spirals are

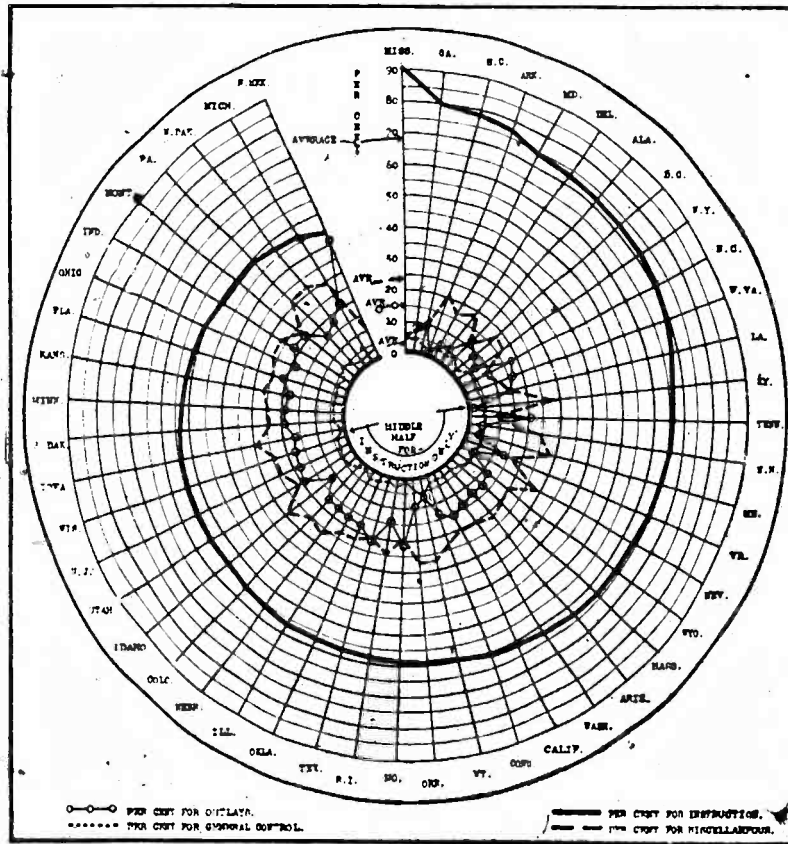


FIG. 30.—Per cent of total expenditures going for the several functions, 1917-18.

shown—the first representing the cost of instruction and spiraling inwardly, the second representing miscellaneous costs and spiraling outwardly. The cost for general control is usually less than 5 per cent of the total current expenses. From this figure it is possible for any State to compare its distribution of expenditures with the average distribution for all the States and to ascertain its location with respect to the middle half on the cost of instruction.

## THE PER CAPITA COST OF EDUCATION.

Figure 32 shows how the per capita cost of education has increased in the United States for five-year periods beginning in 1870. The data on which the curves depend are found in Table 1. In 1870 the annual cost of education for each person in the population was less than \$2. The average has steadily increased since that time until in 1918 the

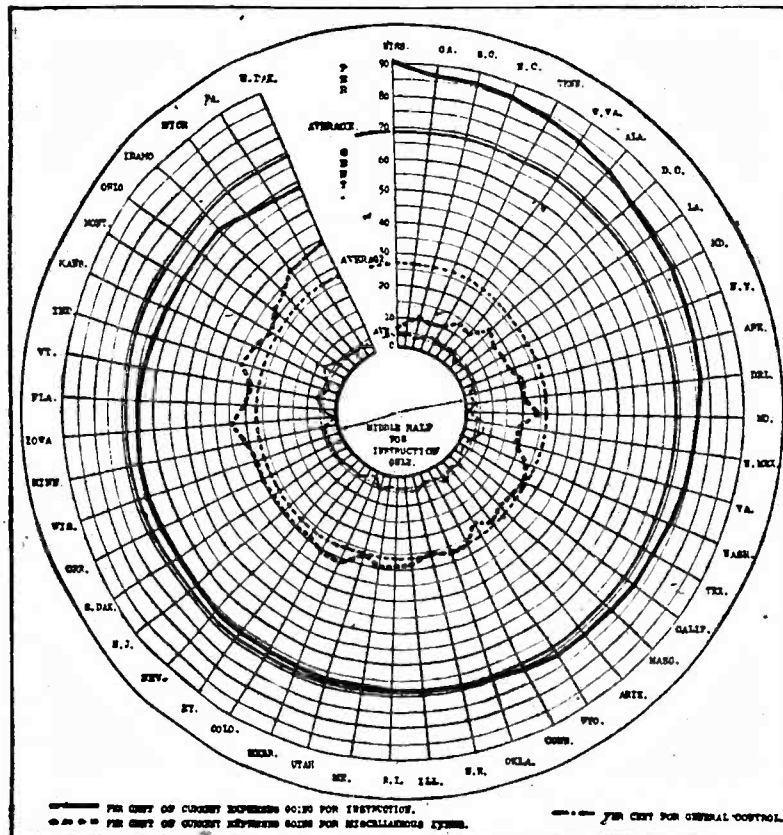


FIG. 31.—Percentage of current expenses (excluding outlays and payment of bonds) going for the three major functions of expense, 1917-18.

average cost is a little over \$7. The rate of increase has been comparatively rapid since 1900.

Probably a better conception of school costs may be secured by noting the other two curves in this figure. The upper one represents the annual cost for each pupil in average daily attendance; the lower one, the daily cost for each pupil attending. The annual cost has increased from \$15 per pupil in attendance in 1885 to over \$49 in

1918. Since 1900 the increase has been very pronounced. In fact the annual cost has more than doubled in these 18 years. As shown by the "dotted" curve, there was little increase in the average daily cost from 1870 to 1900. Since the latter date the cost has increased from 14 cents to almost 31 cents per day or has more than doubled.

In figure 33 the average annual cost in 1918 for each person in the population is shown by States. In 6 Southern States the per capita cost is less than \$3. In these 6 States over 13 millions of people live. In 11 States, of which the population is over 20 millions, the per capita cost is from \$3 to \$6. In the 4 States averaging highest the

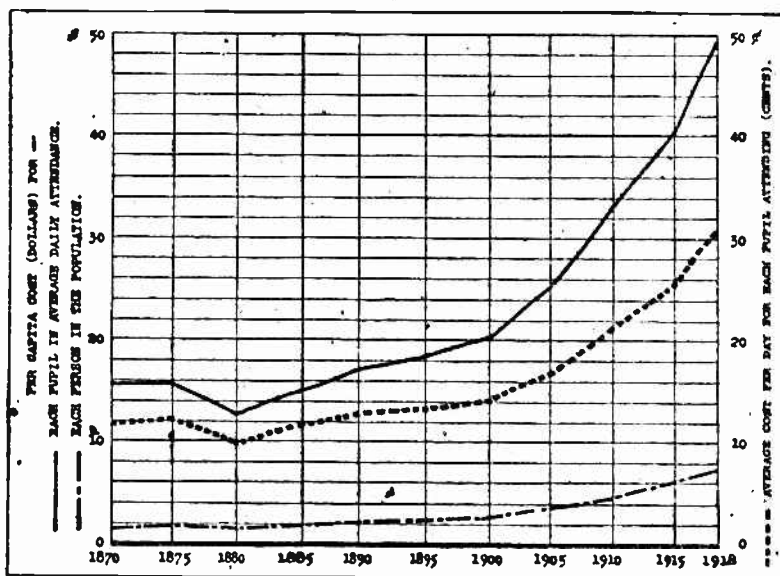


FIG. 52.—The total per capita cost of education at various periods, 1870-1918.

cost is over \$12 for each person in the population. The average cost for the United States is \$7.26.

It was not thought advisable to secure the average annual cost for each child 5 to 18 years of age, since in 4 States and the District of Columbia the number enrolled in school exceeds the number of children of this school age. Since no Federal census has been taken for 8 years, the census estimates are not dependable for States in which there has been considerable shifting in the population. Consequently, the school enrollment serves as a better basis on which to compare the cost of education in one State with that in another. In figure 34 the States have been ranked on the cost for current expenses for each pupil enrolled. The additional per capita cost for

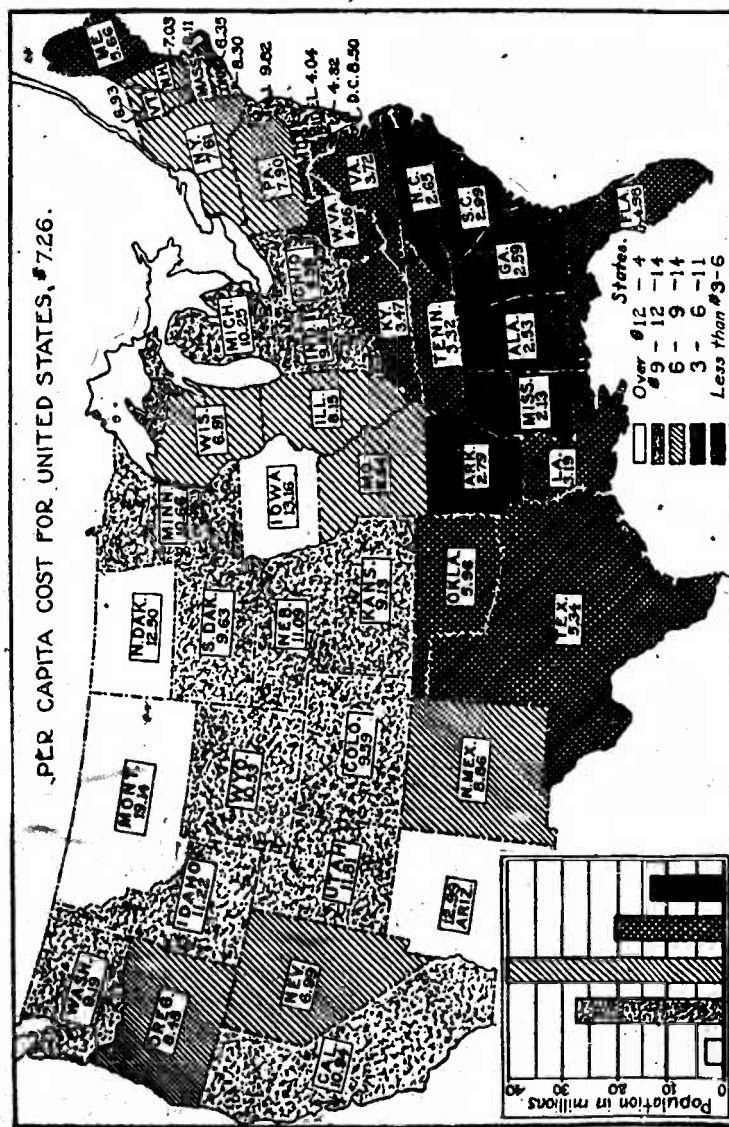


FIG. 33.—The per capita cost of maintaining the public schools, based on the estimated total population, 1917-18.



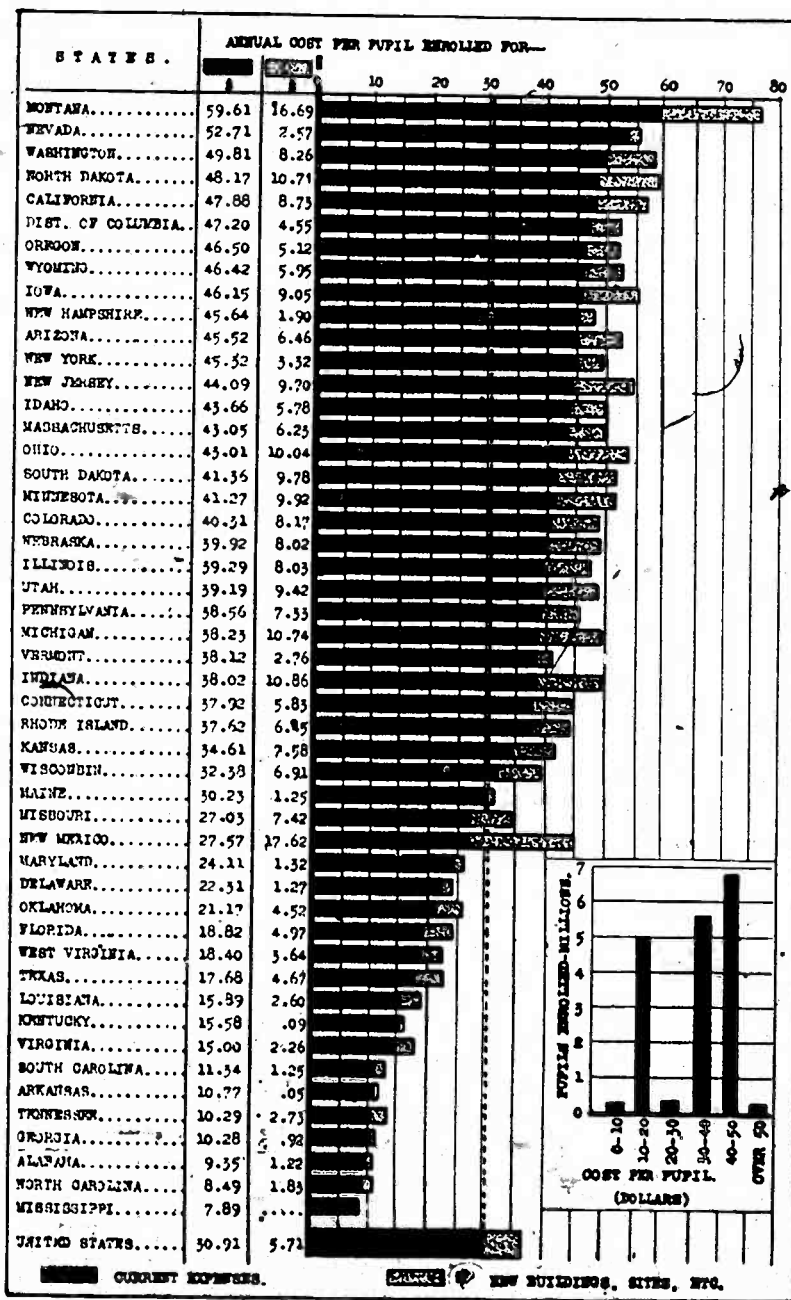


FIG. 34.—The annual cost of education per pupil enrolled in school, 1918.

new buildings, sites, and new equipment is added to the end of each bar but does not affect the ranking. The great variation in the lengths of these "concreted" additions shows the building program in each State reduced to a uniform basis. The magnitude of these projections is subject to variation from year to year, depending on the "building" program, while the main body of the bar will change but slightly from one report to another. It is not derogatory to any State to have incurred a small per capita expenditure for new buildings, since the preceding year may have witnessed unusual expenditures for this purpose and since war conditions may have prevented many building projects contemplated. In figure 34 it is shown that Montana and Nevada each spend over \$50 per year for each pupil enrolled. Almost 7 millions of children are enrolled in school in the 16 States, incurring a cost varying from \$40 to \$50 per pupil. In 3 States, Alabama, North Carolina, and Mississippi, the corresponding average cost is less than \$10. In 10 States the average cost varies from \$10 to \$20 per pupil. The average cost for all pupils in the United States is \$30.91. In the highest State the average cost is more than seven times as much as it is in the lowest State.

Since the per cent of school attendance varies considerably in the different States, the preceding figure may not properly represent what is being spent for education. Figure 35 shows just how much is spent annually for each pupil in average daily attendance. The bars represent this annual cost for meeting current expenses, while the "concreted" ends again represent the annual cost of outlays. In 3 States, Montana, Arizona, and Nevada, the average cost is over \$70 per pupil attending, while at the other extreme the average is less than \$15 in Tennessee, North Carolina, and Mississippi. The average cost for each pupil in average daily attendance in the United States is \$41.45. The corner graph shows that the average amount spent on 2½ millions of pupils varies from \$10 to \$20 per year. For 1½ millions of pupils in average attendance the annual cost is over \$60. For the largest single group of pupils the average varies from \$40 to \$50.

As the average length of the school term varies from 113 days in South Carolina to 193 days in Rhode Island, it is evident that the annual cost for each pupil attending daily does not enable one to gain a true conception of school costs. In other words, the school costs have not been reduced to a common unit of measurement. For example, in South Carolina the annual cost per pupil in average daily attendance is \$17.48, while in Rhode Island it is \$47.83. From these two averages alone it would appear that Rhode Island spends 2.7 times as much as South Carolina. This is true for the total amount spent annually for each child attending daily, but it does not mean that the quality of instruction, as measured in dollars and cents, is

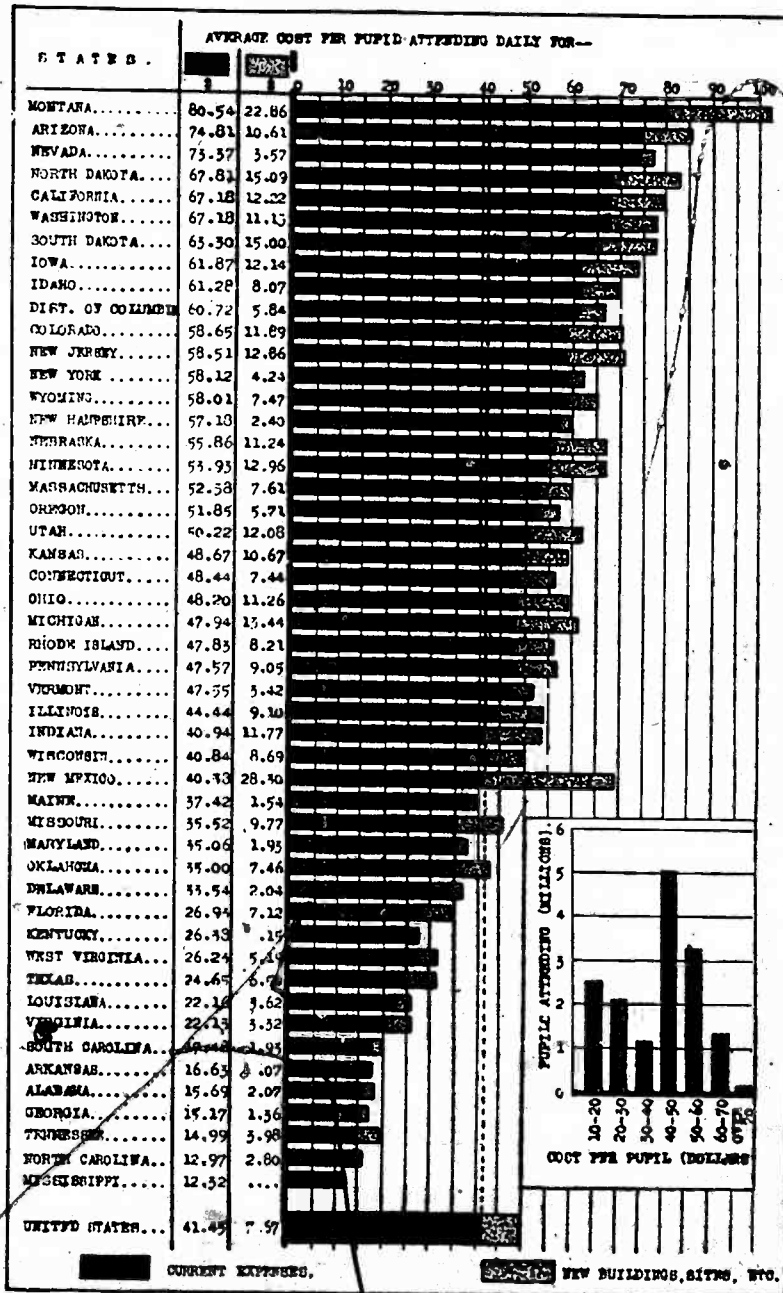
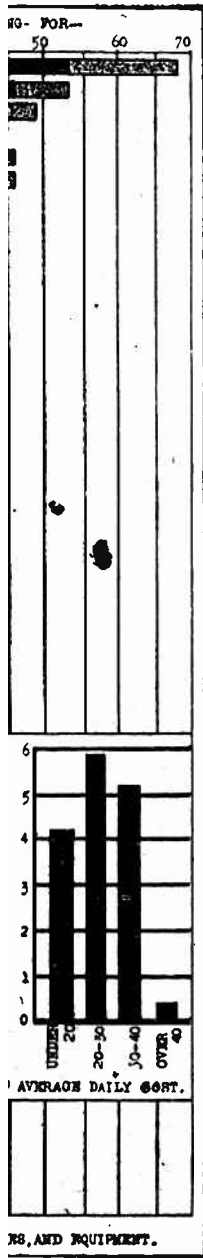


Fig. 35.—Average annual cost of education for each pupil in average daily attendance, 1917-18.

STATES.	P	AVERAGE DAILY COST PER PUPIL ATTENDING				
		0	10	20	30	40
MONTANA.....	53	15				
ARIZONA.....	46	7				
NORTH DAKOTA.....	44	5				
NEVADA.....	43	2				
IDAHO.....	41	5				
CALIFORNIA.....	39	7				
WASHINGTON.....	39	6				
WYOMING.....	39	5				
COLORADO.....	35	7				
DIST. OF COLUMBIA.....	35	4				
IOWA.....	34	7				
NEBRASKA.....	34	7				
SOUTH DAKOTA.....	34	8				
NEW HAMPSHIRE.....	33	2				
MINNESOTA.....	32	8				
NEW JERSEY.....	32	7				
NEW YORK.....	31	2				
MASSACHUSETTS.....	30	4				
OHIO.....	30	7				
UTAH.....	30	7				
ILLINOIS.....	28	6				
KANSAS.....	28	7				
MICHIGAN.....	28	8				
OREGON.....	28	4				
VERMONT.....	28	2				
CONNECTICUT.....	27	4				
PENNSYLVANIA.....	27	5				
INDIANA.....	26	8				
NEW MEXICO.....	26	18				
RHODE ISLAND.....	25	4				
WISCONSIN.....	23	5				
MAINE.....	22	1				
MISSOURI.....	22	5				
OKLAHOMA.....	22	5				
FLORIDA.....	21	5				
MARYLAND.....	21	1				
DELAWARE.....	20	2				
WEST VIRGINIA.....	20	4				
KENTUCKY.....	18	..				
TEXAS.....	17	4				
LOUISIANA.....	16	5				
VIRGINIA.....	15	2				

DAILY ATTENDANCE (MILLIONS)





Costs, AND EQUIPMENT. (cents), 1917-18.

2.7 times as good in one State as in the other. In Rhode Island \$47.83 is spent for 193 days' schooling, while in South Carolina \$17.48 is spent for 113 days' schooling. The daily cost in Rhode Island is 25 cents, while in South Carolina it is 15 cents. As measured in monetary values, the teaching in Rhode Island is only 1.7 times as valuable as it is in South Carolina for the 113 days. True, the schools in Rhode Island are continued for 80 days longer at the same daily cost. In figure 36 this average daily cost is shown for each State. In 5 States the daily cost exceeds 40 cents per pupil. In 11 States this cost is less than 20 cents per pupil. Almost 6 millions of pupils attending daily live in States which pay from 20 to 30 cents per day for their education. The average for the United States is 26 cents per day per pupil. An additional 5 cents per day per pupil is spent for new buildings, grounds, and new equipment.

SCHOOL EXPENDITURES AND WEALTH.

Any standard by which expenditures have been judged above does not give a correct notion as to the extent to which a State pays according to its taxable wealth or its ability to pay. In other words, we have not yet ascertained how much each State pays for the support of its schools for each \$100 of the estimated true value of all property taxable for school purposes. Unfortunately, it becomes necessary to use statistics for 1912 in making this comparison, since the estimated true value of taxable property was last ascertained in 1912 by the Bureau of the Census. Consequently, the expenditures for school purposes for 1912 must also be used. From figure 37 it is found that Idaho and Utah contribute the most heavily toward the maintenance of their schools, the former paying 50.1 cents and the latter 49.4 cents for each \$100 of true taxable wealth. The corresponding average for the United States is 27.6 cents. In 5 States, Iowa, South Carolina, Alabama, Oklahoma, and Nevada, less than 20 cents is paid per \$100. By noting the corner graph in this figure, it is found that the great majority of the pupils enrolled in school live in States which contribute from 20 to 35 cents for each \$100 of true wealth. Two millions of pupils now attend school in States where the taxpayers contribute less than one-fifth of 1 per cent of their wealth annually for the maintenance of the public schools. About a million and a half of pupils reside in States where the tax burden is unusually heavy, i. e., over 35 cents on the \$100.

THE WEALTH BEHIND EACH PUPIL.

Resorting again to the statistics of 1912, it is found that the average true value of taxable wealth behind each pupil enrolled in school at that time was \$9,616, as shown in figure 38. This is the true

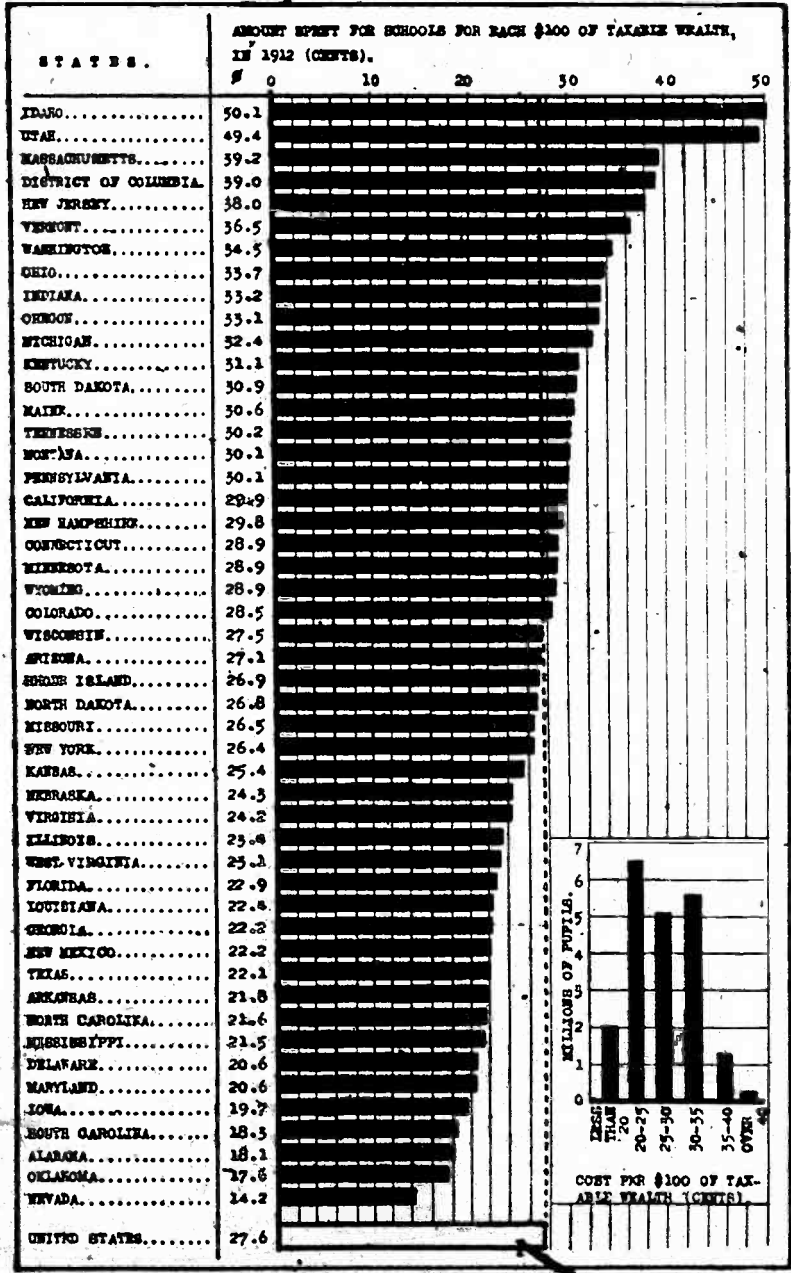


Fig. 37.—Total amount (in cents) spent for schools in 1912 for each \$100 of taxable wealth.

value of property on which a school tax can be levied for keeping the average pupil in school for the average school term. Considerable variation from this average is found among the different States. In Mississippi the corresponding average is only \$2,561, while in Nevada it amounts to \$39,771, or more than 15 times as much. In other words, Nevada is 15 times as able to keep its pupils in school as is Mississippi. The wealth per pupil in Nevada is more than twice as great as it is in California, the State ranking second in this chart. In 8 States the wealth behind each pupil is less than \$5,000. If the pupils are grouped as shown in the corner graph, it is found that about one-fourth of the pupils live in States where the average wealth behind them is between \$10,000 and \$12,000. Since these amounts represent the central tendency for the country as a whole, they might be taken as a standard from which to reckon ability to provide reasonable school facilities. As good school conditions ought not to be expected in States where the per pupil wealth is less than \$10,000, as in States having a greater per capita wealth. A shorter school term, lower salaries, etc., will characterize the schools in these States unless an unusual tax levy is provided. On the other hand, a long school term, high salaries, etc., will prevail in States having a per pupil wealth exceeding \$12,000, unless low tax rates predominate. In short, this figure shows the ability of each State to provide for the support of its schools.

#### STATISTICS OF COLORED SCHOOLS.

*The school census and school enrollment.*—From table 16 it is found that there are in the South 8,150,448 white and 2,977,536 colored children from 5 to 18 years of age. It is seen, therefore, that almost 27 per cent of the children of school age are colored. Of these, 6,277,840 white children and 2,063,177 colored children are enrolled in the public schools. That is, 77 per cent of the white children and over 69 per cent of the colored children of school age are enrolled in school. It is apparent, therefore, that a greater proportion of white than of colored children take advantage of the public schools.

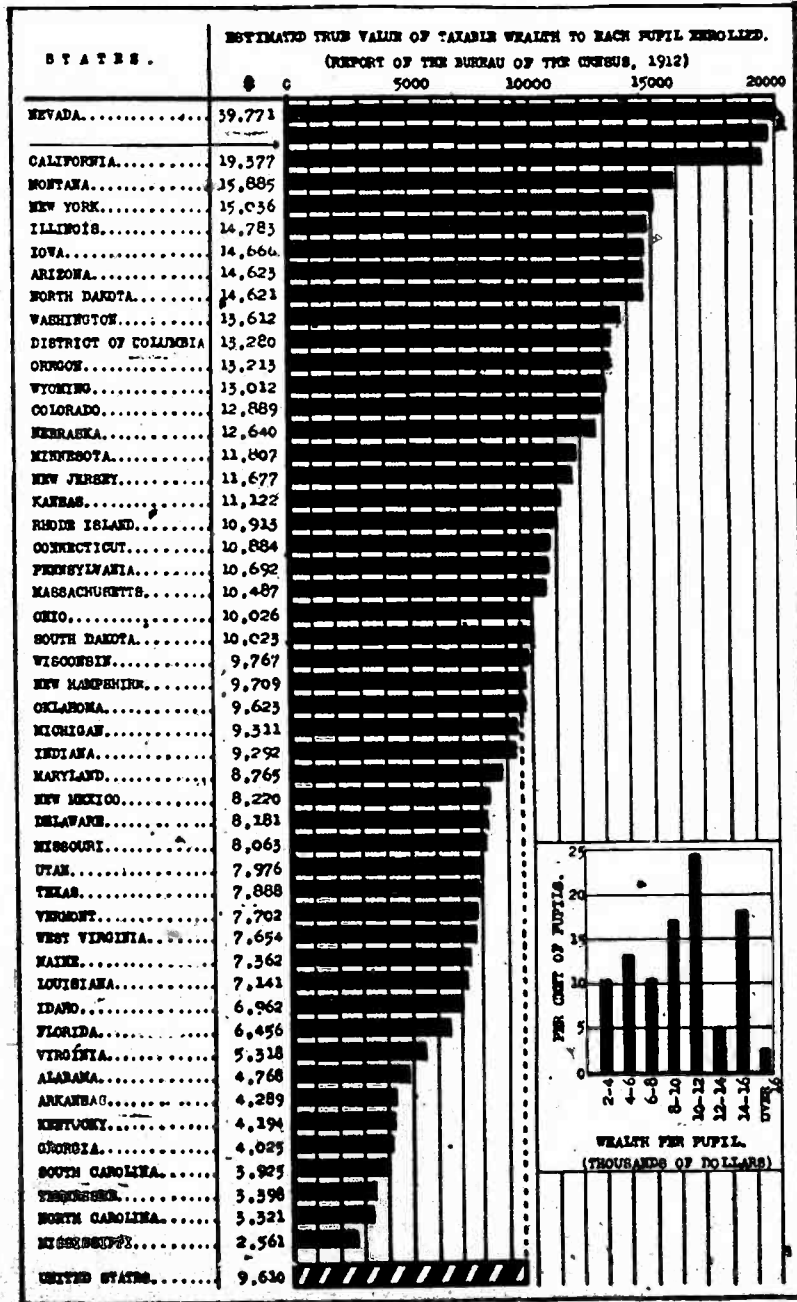


FIG. 18.—Estimated true value of all taxable property to each pupil enrolled in 1912.

TABLE 10.—Statistics of common schools in the South, 1917-18.

States.	Estimated population 5 to 18 years of age.		Per cent of school population.		Enrollment in elementary and high schools.		Per cent of school population in school.		Number of teachers.	
	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.
1	2	3	4	5	6	7	8	9	10	11
Alabama.....	454,327	306,271	59.8	40.2	383,512	190,250	84.4	62.1	9,625	2,937
Arkansas.....	407,324	155,537	72.4	27.6	340,592	120,999	83.6	77.7	9,861	2,147
District of Columbia.....	56,405	19,119	74.4	25.6	43,345	18,191	78.2	95.2	1,244	611
Florida.....	165,927	103,626	61.5	38.5	137,826	58,579	83.1	56.6	4,950	1,321
Georgia.....	513,215	424,527	54.7	45.3	416,130	263,531	81.1	62.1	10,459	4,595
Kentucky.....	650,271	57,495	91.9	8.1	485,565	47,790	74.6	83.0	12,692	1,379
Louisiana.....	353,932	236,327	59.9	40.1	226,298	99,303	64.0	42.1	6,520	1,388
Maryland.....	303,105	60,129	83.4	16.6	193,235	42,033	63.8	69.9	4,556	1,009
Mississippi.....	296,583	354,800	45.5	54.5	252,756	298,000	85.2	84.1	7,811	3,800
Missouri.....	865,819	34,325	96.2	3.8	638,304	26,104	73.7	76.1	19,867	3,611
North Carolina.....	537,068	265,413	67.8	32.2	446,270	187,980	83.1	73.6	11,730	3,511
Oklahoma.....	656,356	73,191	90.0	10.0	510,119	41,246	77.7	56.3	12,769	1,007
South Carolina.....	289,798	294,576	46.8	53.2	194,687	199,780	75.0	67.8	5,448	3,013
Tennessee.....	555,748	141,362	79.5	20.5	479,518	111,828	86.3	79.1	10,777	2,170
Texas.....	1,211,588	230,293	84.0	16.0	888,711	210,278	73.4	91.3	25,201	3,800
Virginia.....	466,483	211,501	68.8	31.2	348,823	132,316	74.8	62.5	10,994	2,910
West Virginia.....	397,499	18,994	95.5	4.5	302,175	14,969	76.0	78.8	10,456	522
Total <sup>1</sup> .....	8,150,448	2,977,536	73.3	26.7	6,277,840	2,063,177	77.0	69.4	174,980	36,920

<sup>1</sup> Estimated as to distribution.

<sup>2</sup> Does not include Delaware, as in preceding reports.

The "teaching load."—For these white pupils 174,980 teachers and for the colored pupils 36,920 teachers are employed. It is found that each white teacher instructs on an average about 36 pupils, while the colored teachers each instruct about 56 pupils. With such a heavy "teaching load," it is doubtful if as effective teaching can be done in the colored schools as in the white schools. This factor may partly account for the higher percentage of irregular attendance among colored pupils than among white pupils, as pointed out in a following paragraph.

Colored pupils.—The distribution of colored pupils by sex is shown in Table 61. Of the 1,765,177 colored pupils enrolled in school in these Southern States, 927,803 are girls and 837,374 are boys. In the secondary schools of these States there are 18,664 colored students, including 5,971 boys and 12,693 girls. It is seen that there are more than twice as many colored girls as boys in the high schools of the South. In the elementary schools there is a slightly larger proportion of colored girls than boys, viz, 831,403 boys and 915,110 girls, or a total of 1,746,513 pupils. By comparing the elementary and the secondary pupils, it is seen that only a little over 1 per cent of the colored pupils in the South are to be found in the public high schools. This is comparatively low when it is recalled that the high schools of the country enroll on an average of 9.3 per cent of all the children in the common schools. In other words, the proportion of colored children in high schools in the South is only about one-ninth the average proportion for the country. This average of only 1 col-

ored pupil in 100 enrolled in high schools is also low when compared with the corresponding average for white pupils in the same States. The total number of white pupils enrolled in elementary and secondary grades in all Southern States except Mississippi, which did not report enrollment in colored schools, is 6,025,084, while the corresponding number enrolled in secondary schools alone is 449,199. From these totals it is found that in the white schools of the South 7.5 per cent of the pupils are in high school. In short, over seven times as great a proportion of white pupils as colored pupils are to be found in secondary schools of the South.

*Length of school term.*—For 11 Southern States and the District of Columbia the length of the school term and the number of days attended have been computed as shown in Table 17 and figure 39. The data entering into these computations were not available for Arkansas, Mississippi, Missouri, Tennessee, and West Virginia. It is found that the average school term provided for the colored children is 111 days, while that provided for the white children is 148 days. In the elementary schools of six Southern States the average term provided for colored children is 106 days, while the corresponding term for white children is 145 days. In the secondary schools of four Southern States the average term for colored children is 153 days, while the average term for white children is 165 days. It can be seen, therefore, that a greater difference exists between the length of term provided for white and colored children in the elementary schools than in the secondary schools.

TABLE 17.—School term and school attendance in the South, 1917-18.

States.	Length of the school term.						Average number of days attended by pupils enrolled.		Per cent of school term wasted.		Per cent of pupils attending daily.	
	In colored schools.			In white schools.			In colored schools. <sup>1</sup>	In white schools. <sup>2</sup>	In colored schools.	In white schools.	In colored schools.	In white schools.
	Elementary.	High.	All.	Elementary.	High.	All.						
1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama.....	102	102	102	132	142	133	55	83	40	38	54	63
District of Columbia.....	173	173	173	173	172	173	120	134	21	22	79	77
Florida.....	102	102	102	142	142	142	71	100	30	30	69	70
Georgia.....	100	100	101	157	175	159	63	114	38	28	62	71
Kentucky.....	119	119	119	182	182	182	73	90	39	41	59	59
Louisiana.....	94	94	94	156	156	156	64	112	30	28	72	72
Maryland.....	151	151	151	174	174	174	88	125	42	29	58	71
North Carolina.....	113	113	113	180	180	180	69	85	39	33	61	67
Oklahoma.....	144	171	145	156	156	156	81	96	44	39	54	61
South Carolina.....	78	78	78	150	150	150	51	86	35	26	65	64
Texas.....	132	132	132	149	149	149	88	109	33	27	66	74
Virginia.....	141	141	141	141	141	141	88	99	38	30	62	70
Average.....	106	153	111	145	165	148	70	100	37	32	63	68

<sup>1</sup> There are enrolled in the schools of these 12 States 1,371,377 colored pupils.

<sup>2</sup> There are enrolled in the schools of these 12 States 4,374,181 white pupils.

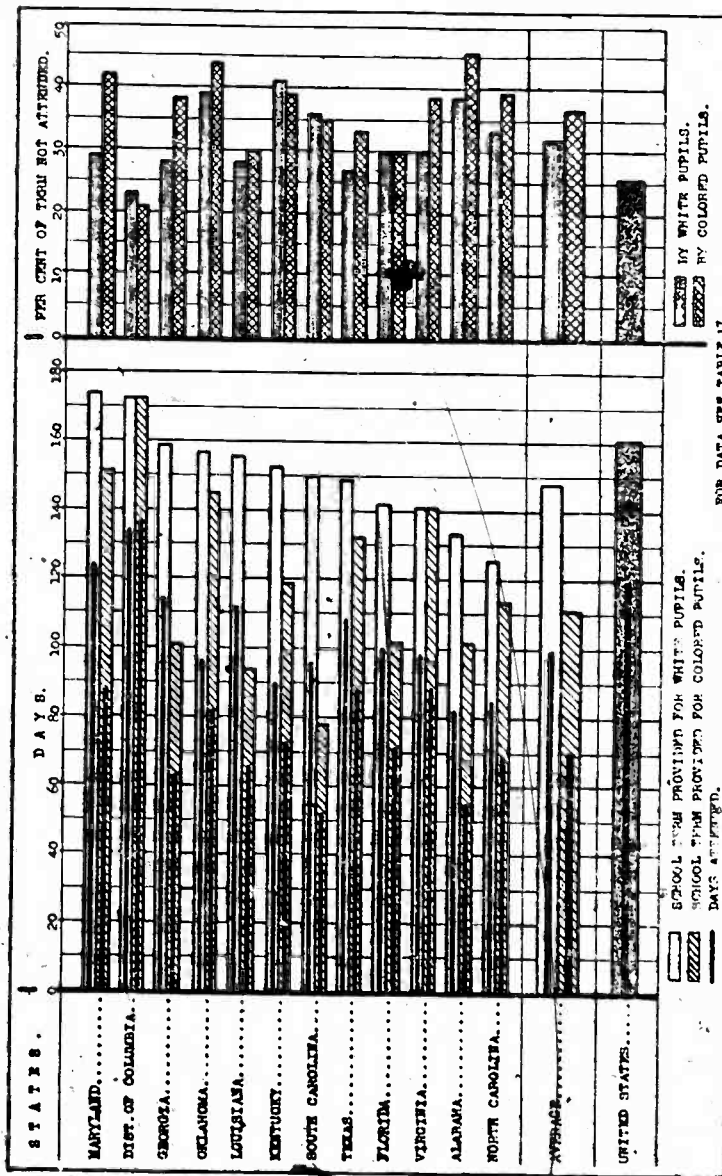


FIG. 39.—The school term in the South, 1917-18.

It is further found, as shown in the table and graph, that the average time attended by each colored pupil enrolled is only 70 days, while the corresponding average for white children is 100 days. It is shown, therefore, that the colored child gets only seven-tenths as much schooling as the white child in the Southern States. Part of this, however, is the fault of the colored child, since he wastes on an average 37 per cent of the school term, while the white child loses only 32 per cent by irregular attendance. Stated in other terms, the colored pupils enrolled attend only 63 per cent of the school term, while the white children attend 68 per cent of the time.

The deductions made above are essentially correct for the whole South, since only 5 Southern States are not represented. Almost 1½ millions of colored children and 4½ millions of white children attend school in these States.

By comparing these averages with the averages for all the States, as shown at the bottom of figure 39, it is found that the average school term in the South for the colored children is only 69 per cent of the average term provided for the United States, viz, 160.7 days, while the average term for white children in these States is 92 per cent of the average for the United States. It was shown above that the colored schools in the South waste 37 per cent of the school term and the white schools 32 per cent, while for the whole country the average waste due to irregular attendance is only 25.4 per cent.

#### COMPULSORY ATTENDANCE LAWS EFFECTIVE IN 1917-18.

By means of a special supplementary inquiry to the State officers of education, the outstanding features of the compulsory attendance laws in operation in 1917-18 were ascertained. The results of this inquiry have been tabulated in Tables 18 and 19. In the following pages an attempt has been made to bring into light certain tendencies which might otherwise lie hidden in the tabulation.

*The school census.*—It is generally admitted that a compulsory attendance law can not be effectively enforced if school officers do not know which children should be in school. If the law requires attendance from all children from 7 to 14 years of age, it is necessary to ascertain the number of children of these ages residing within the State or local district. Unless the school census is taken, the enforcement of the attendance laws becomes wholly incidental and can not operate uniformly upon all children of compulsory attendance age. In Table 18, it is found that only 3 States, California, Delaware, and South Carolina, do not provide legally for a school census.

*Local option laws.*—Only 3 States, Florida, Mississippi, and South Carolina, in 1918, did not have State-wide compulsory attendance laws. In other words, these States had local option laws which



became effective only when adopted by the various counties. As all counties under such provisions do not adopt such laws, all the children in these States are not obliged to attend school and do so only at their own volition.

*The minimum school term.*—The minimum school term provided in each State is shown graphically in figure 40. In 6 States no minimum school term is specified. Five of these are Southern States and the other a New England State. In the other States the minimum term varies from three months in 3 States to nine months in 6 States. These 6 States providing for nine months of school are Connecticut, the District of Columbia, Maryland, New Jersey, New York, and Rhode Island.

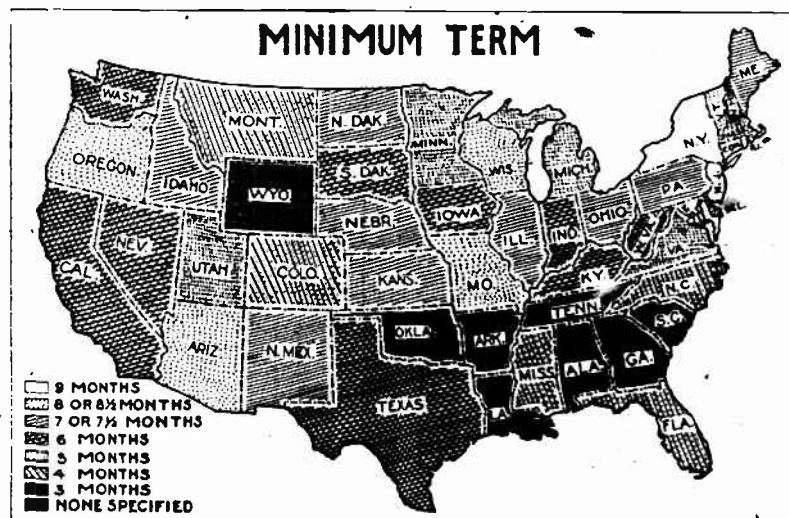


FIG. 40.—The minimum school term legally provided in each State, 1917-18.

The minimum school term legally provided does not always operate in bringing all schools up to this standard. If teachers can not be secured for all the schools, this condition would prevail. If the legal restrictions placed on the rate of taxation allowed are too stringent for the poorer school districts, the schools will not be maintained for the minimum school term otherwise legally provided. The results of such conditions are in evidence in at least 11 States, as shown in figure 41. In the 5 States specifying a minimum term of 4 months, one State has schools running for a shorter period than the minimum provided. Of the 9 States providing for a 6 months' term, 4 maintain some of their schools for a shorter period. Of the 10 States legalizing a 7 months' minimum term, 3 do not bring all schools up to this standard. Two States providing for 8 months of school

and 1 State legalizing a 9 months' minimum term maintain some of their schools for a shorter period. Briefly, 11 States do not live up to the minimum standard provided by law. It is clearly evident, therefore, that the minimum school term is not the best criterion by which to judge the minimum amount of schooling afforded for each child in each State.

*Minimum attendance required.*—The efficiency of a compulsory attendance law in its last analysis is determined very largely by the minimum school attendance required of every child coming within the purview of the law. This feature of attendance laws is shown graphically in figure 42. It is found that Mississippi requires attend-

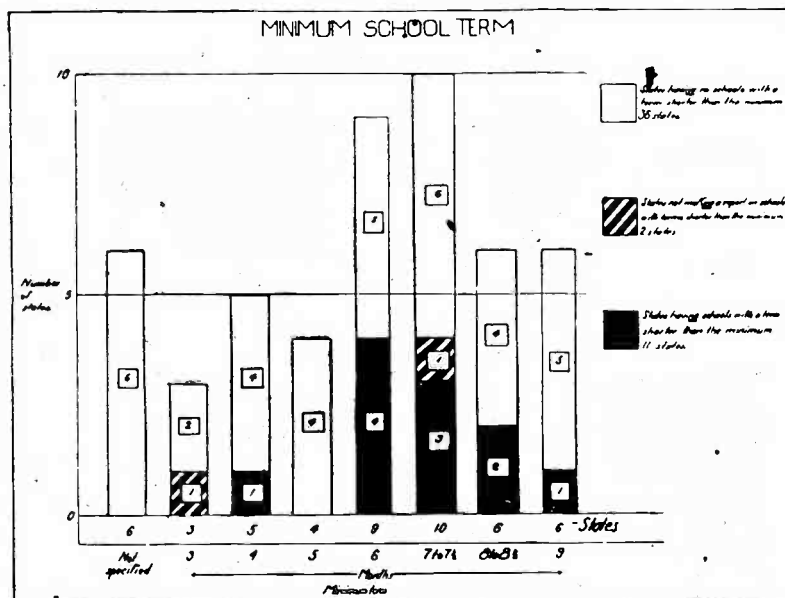


FIG. 41.—The legal and the actual minimum school term, 1917-19.

ance for only 40 days during the school term. Alabama and Delaware compel attendance for only 60 days. Seven States provide for attendance of 80 days, and one State for 100 days. Altogether, 28 States compel attendance for the full term of school provided. In 5 States children are required to attend for some fractional part of the school term. In such cases the required attendance varies with the length of the school term provided by the local unit.

The conditions cited above are subject to the following modification. While the minimum attendance required of every child does indicate the smallest amount of schooling with which the pupil can escape annually, it does not show what proportion of the school term he must attend. It does not show how much schooling the child is

allowed to miss. These modifications are exhibited in figure 43. For illustration, the full-term provision in 28 States has various meanings. In 6 of these States children must attend for 9 months; in 4 States, for 8 months; in 6 States, for 7 months; in 6 other States for 6 months; in 2 States, for 5 months; in 2 other States, for 4 months; in 1 State, for only 3 months, and in the other State the minimum term is not specified. The longer bar in this figure has been "broken up" to show these various implications. Several apparent inconsistencies are also in evidence. For example, two States require attendance for 80 days when no minimum term is legalized; another for 80 days when the minimum provided is only 60 days; another for 60 days when no minimum is specified; and still another for 140 days when no minimum has been provided.

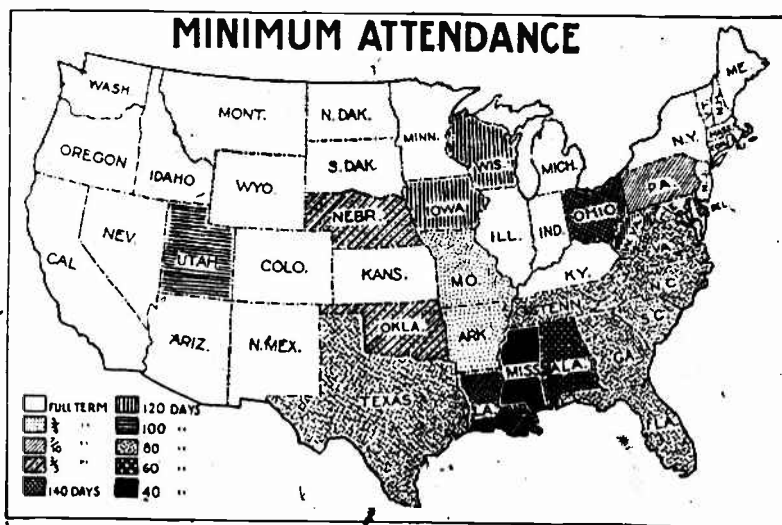


FIG. 42.—The minimum school attendance required of children of compulsory attendance age, 1917-18

Only 3 of the 25 States which enacted their first legislation on compulsory attendance over 30 years ago do not now require attendance for the full term of school provided. Requiring attendance for a specified number of days or for a fractional part of the school term is generally characteristic of States which have had compulsory attendance laws for only a short period. Experience, almost without exception, incorporates the full-term proviso.

*School attendance ages.*—Figure 44 shows the age at which attendance at school is permitted and at which it is made obligatory. For instance, in Alabama children may attend school at any time from 7 to 21 years of age. They must attend between the ages of 8 and 12 years, and they must also attend from 12 to 16 years unless labor

permits are secured. The attendance required, however, is limited to 60 days each year, as indicated at the center of the back portion of the bar. In 9 States children may be excused from school attendance at any age for reasons not generally recognized. In other words, excuses are authorized which more or less vitiate or nullify the contemplated effects of the attendance laws. In Arizona a specially appointed board may excuse a child of any age from school attendance. In Arkansas the county superintendent may excuse from attendance any child who is obliged to support a widowed mother. In Colorado the county or city superintendent may grant excuses to children at any time. In Delaware any child may be excused for "urgent reasons." In Florida a child may not be required to attend

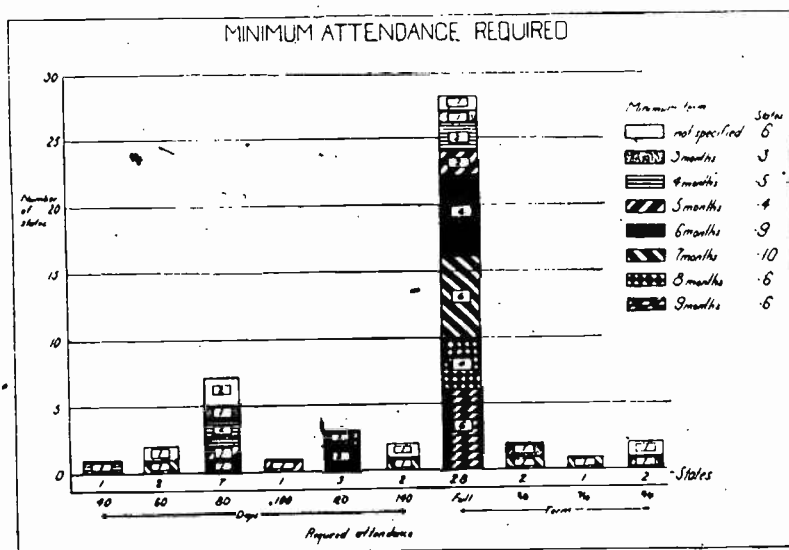


FIG. 43.—The legal minimum school term and the minimum attendance required, 1917-18.

school if agricultural interests demand. In Louisiana an excuse is granted to children at any age to work in certain occupations. In South Carolina "extreme poverty" legalizes nonattendance. In West Virginia the State commissioner of labor or the county superintendent may grant excuses to children of any age. In Wyoming attendance is not required of those on whom it would "work a hardship." The ages at which most children in these States are required to attend school have been indicated in figure 44 by cross-lines or double-hatched bars.

The central tendency for the United States is expressed by the last bar in the diagram, which represents the mode. The most usual age at which children are admitted to school is 6 years. In the majority of States children may attend school until they reach the age of 21.

In general, children are compelled to go to school from 8 to 14 years of age. From 14 to 16 they must secure labor permits or attend school. The work-or-attend-school age shown for the various States incloses the educational requirement which must be met before labor

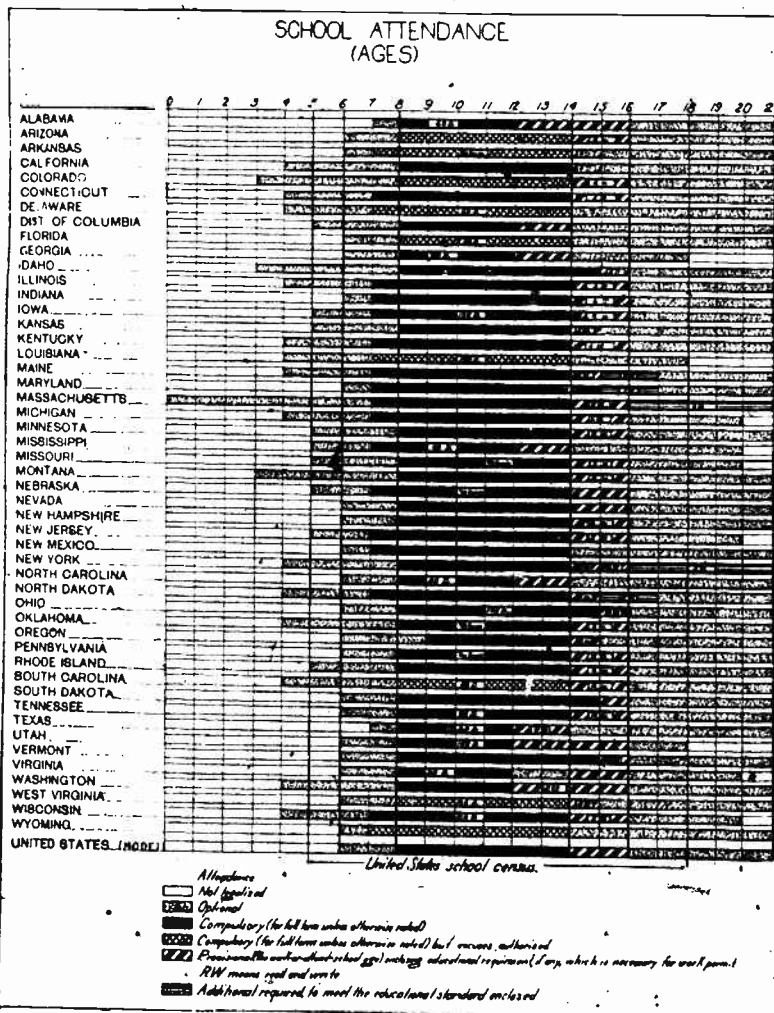


FIG. 44.—The free, compulsory, and provisional school attendance ages, 1917-18.

permits can be issued. Thus, in Arizona labor permits are not issued to children from 14 to 16 years of age unless such children can read and write. This chart does not show the school census age legalized in each State. The United States census ages used in this report, viz, 5 to 18 years, are indicated at the bottom of the figure.

*Absence permitted.*—Figure 45 indicates the absence granted in each State to pupils of compulsory attendance age before such absence constitutes an infraction of the law. In 9 States the law contains no provision regulating this matter. In 25 States an unexcusable absence of one day or less constitutes an offense. In 3 States children may be absent for two days before the attendance laws become operative upon them. In 8 States three days' absence is permitted; in 1 State four days, and in the other 3 States as many as five days. The States listed in the groups given above are not all equally delinquent in this respect, owing to minor qualifications in the law. Thus, Massachusetts permits only five days' absence in six months and the District of Columbia allows only three days' absence in a half year.

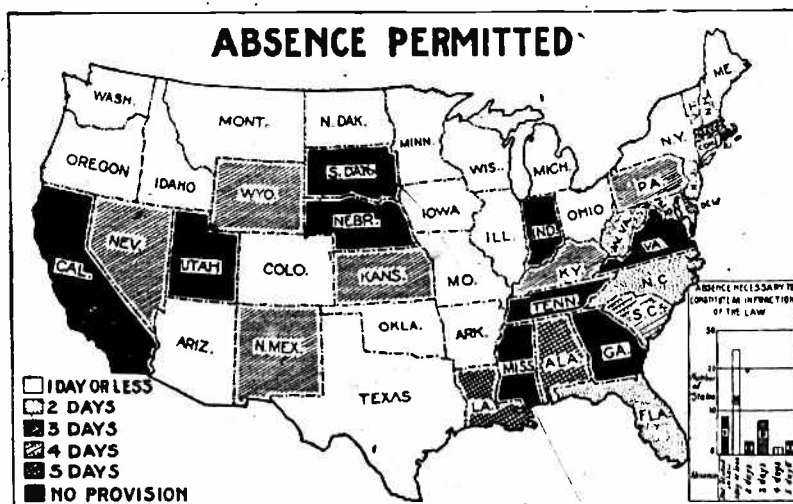


FIG. 45.—Absence from school necessary to constitute an infraction of the law, 1917-18.

*School work required for labor permits.*—There is a tendency for the States to require some educational standard of pupils who apply for labor permits and who have passed the usual period when they are required to attend school. States are coming more and more to adopt a standard which all its future citizens must attain, if they are to pass beyond the influence of the school. In fact, only 10 States make no such requirements. Of the remaining States, as exhibited in figure 46, 14 require only that children be able to read and write; 4 require the completion of the fourth grade; 7, the fifth grade; 3, the sixth grade; and 5, the completion of the elementary grades.

*Who issues labor permits.*—There is a decided tendency among the States to authorize some one actually engaged in the teaching profes-

sion to issue labor permits. In 1918, 31 States gave this authority to the school superintendent, to the principal, or to the teachers, in case no higher officer was employed. The practice in vogue in 5 States is to place the issuance of labor permits in the hands of the school board, a judge, or an attendance officer. In such cases this duty becomes an ex officio performance of an officer chosen primarily for some other purpose. In 9 States the school board or a judge acts in this capacity only where a superintendent is not employed. In such cases, the jurisdiction becomes alternative. In the other 4 States labor permits are not necessary. Those generalizations are shown in detail for the various States in figure 47.

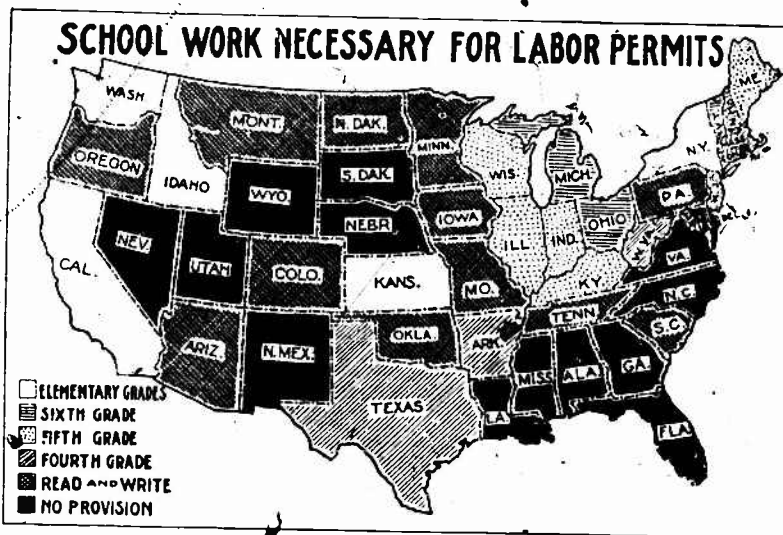


FIG. 46.—The school work required before labor permits can be issued, 1917-18.

*Educational exemptions.*—There is a decided tendency among the States not to exempt children from the operation of the compulsory-attendance law, because they have attained some educational standard. With the widespread influence of the modern high school, the States are finding less ground for exempting those who complete the elementary school course. In fact 25 States grant no excuses for educational attainments. In all, 21 other States do not grant such excuses to children unless they have completed the elementary grades. Colorado requires that the child be 14 years of age and have completed the elementary grades before permanent exemption is legalized. In 2 States, Georgia and Virginia, any child who has completed the fourth grade may be thereafter exempt from school attendance. The requirement in each State is shown in figure 48.

*Who enforces the attendance law.*—There is a growing tendency among the States to place the enforcement of the compulsory-attendance law in the hands of an officer appointed specially for this purpose. Such officer is usually called the truant or attendance officer. In 1918, 22 States vested the enforcement of the law with such officer, who usually acts under the direction of the superintendent of schools. In 14 States the enforcement of the attendance laws is left to some ex officio officer who has been chosen primarily for some other work. In 13 other States such ex officio officers act only when no attendance officer is employed. The requirement for each State is exhibited in figure 49.

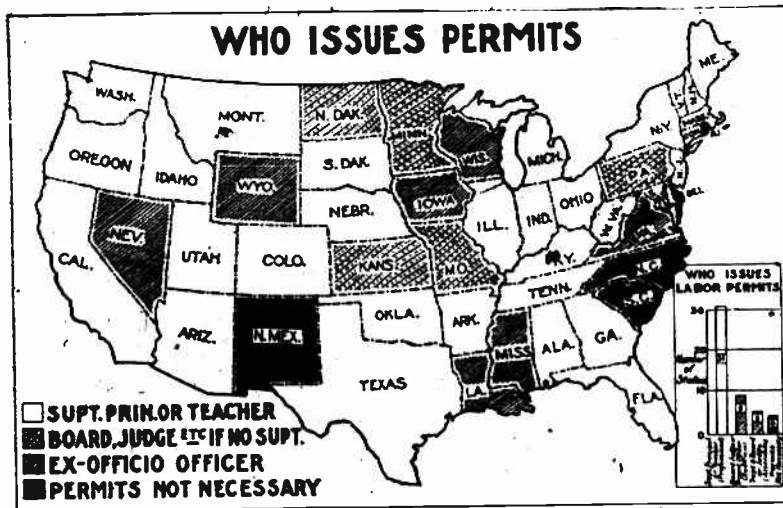


FIG. 47.—The officer charged with issuing the labor permit, 1917-18.

*Regularity of attendance required.*—Almost unanimous practice prevails among the States regarding the continuity of school attendance. Although a child may be required to attend for only 120 days, it is of utmost importance that such attendance be consecutive. Already 42 States have incorporated this requirement in their attendance laws. In Alabama the school board determines when children must attend school. In 6 States, Arkansas, Louisiana, Mississippi, Utah, Virginia, and West Virginia, regular attendance at school is not required. No State which enacted its initial legislation on compulsory attendance over 30 years ago does not now require consecutive attendance. In other words, after 30 years' trial a State invariably requires that children attend school regularly.



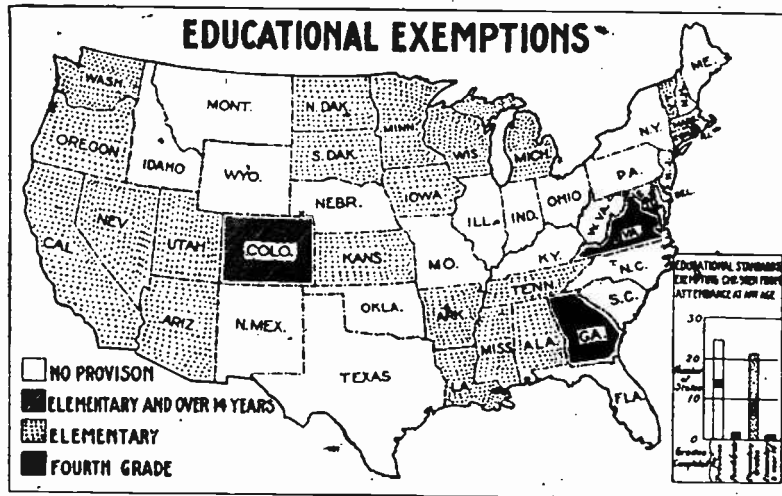


FIG. 48.—Educational standards exempting children at any age from the operation of the compulsory school attendance law, 1917-18.

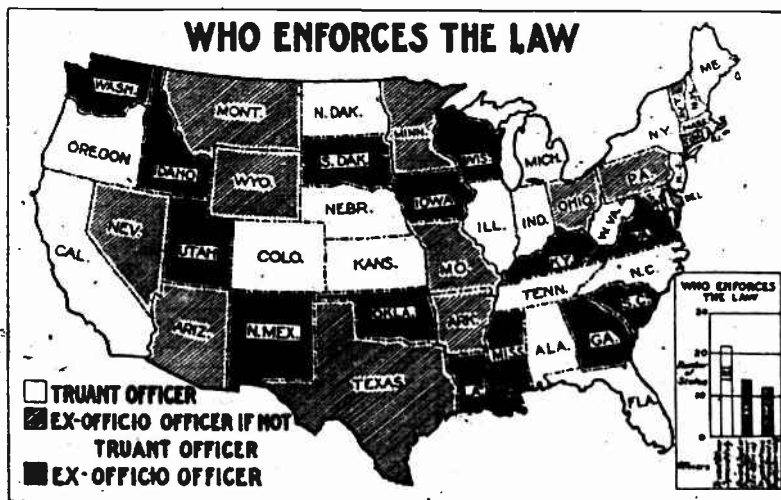


FIG. 49.—The officers charged with the enforcement of the compulsory attendance laws, 1917-18.

TABLE 18.—Salient features of State laws relating to school attendance, operative in 1917-18. School census age and age for free attendance.

States	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Alabama	1915	1915	7-21	7-21	8-16	12-16	90 days	Board decides	Elem. grades	5 days	None	None	x	x	x
Arkansas	1889	1912	6-21	6-21	8-16	14-16	Full term	Consecutive	do	do	1 day	8	None	x	0
California	1874	1917	6-21	6-21	8-15	14-15	1/2 of term	Not required	do	do	do	None	x	x	0
Colorado	1889	1911	6-21	6-21	8-16	14-16	Full term	Consecutive	do	Elem. and 14 years	Not stated	0	None	0	0
Connecticut	1650	1911	4-16	4-16	7-16	14-16	do	do	do	No provision	do	0	Serapsl.	x	0
Delaware	1907	1909	None	None	7-14	None	60 days	do	do	do	do	0	do	x	0
District of Columbia	1864	1908	6-17	6-17	8-14	12-14	Full term	do	do	Elem. grades	3 days	0	do	x	0
Florida	1915	1915	6-21	6-21	8-14	12-14	80 days	do	do	No provision	2 days in 1/2 yr.	0	do	x	0
Georgia	1916	1916	6-19	6-18	8-14	12-14	do	do	do	Fourth grade	Not stated	4	do	x	(few)
Idaho	1887	1917	6-21	6-21	8-16	15-16	Full term	do	do	No provision	1 day	None	do	x	0
Illinois	1883	1909	4-21	4-21	7-16	14-16	do	do	do	do	1 day	7	do	x	0
Indiana	1887	1915	6-21	6-21	7-16	14-16	do	do	do	do	Habitual	6	do	x	0
Iowa	1872	1913	6-21	6-21	7-16	14-16	120 days	do	do	Elem. grades	1 day	6	do	x	0
Kansas	1874	1907	6-21	6-21	8-15	14-15	Full term	do	do	do	3 days	7	do	x	10
Kentucky	1902	1918	6-18	6-18	7-16	14-16	do	do	do	No provision	do	5	do	x	0
Louisiana	1915	1915	4-18	4-18	7-16	14-16	140 days	No provision	do	No provision	do	None	do	x	(few)
Maine	1875	1913	6-21	6-21	7-15	14-15	Full term	Consecutive	do	No provision	1 day	9	do	x	0
Maryland	1916	1916	6-15	6-21	12-15	13-15	do	do	do	do	do	8	do	0	0
Massachusetts	1902	1913	6-15	6-15	7-16	14-16	do	do	do	do	5 days in 6 mos.	8	do	x	0
Michigan	1871	1917	4-20	4-20	7-16	14-16	do	do	do	Elem. grades 17	1 day	5	do	x	0
Minnesota	1885	1911	6-16	6-16	8-16	14-16	do	do	do	do	do	5	do	x	0
Mississippi	1918	1918	6-21	6-21	7-14	12-14	40 days	Not required	do	do	Not stated	4	do	0	0
Missouri	1905	1905	6-20	6-20	8-16	14-16	1/2 of term	Consecutive	do	No provision	1 day	8	do	0	0
Montana	1883	1913	3-21	3-21	8-16	14-16	Full term	do	do	do	do	4	do	x	0

State	Year	Age	Term	Grades	Attendance	Excuses	Notes	Other	Remarks
Nebraska	1887	5-21	14-16	do.	do.	do.	do.	do.	Not stated.
Nevada	1873	6-18	14-16	do.	do.	do.	do.	do.	3 days.
New Hampshire	1871	6-18	14-16	do.	do.	do.	do.	do.	1 day.
New Jersey	1875	5-18	14-16	do.	do.	do.	do.	do.	do.
New Mexico	1872	5-21	14-16	do.	do.	do.	do.	do.	3 days.
New York	1883	5-18	14-16	do.	do.	do.	do.	do.	1 day.
North Carolina	1907	6-21	14-16	do.	do.	do.	do.	do.	do.
North Dakota	1885	6-21	14-16	do.	do.	do.	do.	do.	do.
Oklahoma	1897	6-21	14-16	do.	do.	do.	do.	do.	do.
Oregon	1889	6-21	14-16	do.	do.	do.	do.	do.	do.
Pennsylvania	1886	6-16	14-16	do.	do.	do.	do.	do.	do.
Rhode Island	1883	5-18	14-16	do.	do.	do.	do.	do.	do.
South Carolina	1915	None	14-16	do.	do.	do.	do.	do.	do.
South Dakota	1883	6-21	14-16	do.	do.	do.	do.	do.	do.

1 Local option; law not State wide.  
 2 Eighty days, if not reduced by school board.  
 3 Two days.  
 4 A special board may excuse a child from school attendance at any age.  
 5 County superintendent may excuse a child from school attendance at any age to support a widowed mother.  
 6 County or city superintendent may excuse a child from school attendance at any age.  
 7 One hundred days, if not reduced by the school board.  
 8 In four consecutive weeks.  
 9 Absence reported monthly.  
 10 Full term in cities.  
 11 County superintendent appoints truant officers for the districts.  
 12 Full term if minimum term is less.  
 13 Consecutive attendance required if term is less than 140 days.  
 14 Children 15 to 17 unable to read and write must attend school.  
 15 Children 15 to 17 who have not completed the elementary grades must attend 100 days each year.  
 16 Filibuster 16 to 21 are included in the school census and must attend school.  
 17 Several labor permits are not issued to children under 16.  
 18 In no case less than 60 days. In cities, full term.  
 19 Three State inspectors have general supervision.  
 20 Children 16 to 21 who have not completed the fifth grade must attend school for the full term.  
 21 Extreme poverty or other reasons exempt children from school attendance until 17 years of age.  
 22 If elementary grades have not been completed, children must attend school until 17 years of age.  
 23 If unemployed, school attendance for the full term is required.  
 24 "Urgent reasons, strictly construed," will exempt a child from attendance at any age. It is illegal to employ children 8 to 14.  
 25 Full term, if not reduced by the school board.  
 26 Children must attend after completing the elementary grades. Parents send them.  
 27 Counties adopting the compulsory attendance law must take a census of children between 6 and 21.  
 28 Extreme poverty excuses a child from school attendance at any age.  
 29 School board may require only 80 days consecutive attendance of children who have completed the sixth grade.



TABLE 18.—Salient features of State laws relating to school attendance, operative in 1917-18. School census age and age for free attendance. (Con.)

States	Date of enactment of first compulsory attendance law.	Date of enactment of present or amended law.	Legal school census age.	Free compulsory attendance age.	Compulsory attendance age when cured.	Age when labor permits may be secured.	Minimum attendance required.	Regularity of attendance required.	Attendance not required at any time after completing—	Absence necessary to constitute an offense. "1 day" may denote "any absence."	Minimum term legally provided (months).	Districts having less than the minimum term.	States having truancy officers in all districts "x."	States having county truant officers "x."
Tennessee	1905	1913	6-21	6-21	8-16	14-16	80 days <sup>1</sup>	do.	do.	1 day	None	Half	0	x (few)
Texas	1915	1915	7-18	7-21	8-14	12-14	80 days	do.	No provision	1 day	5	None	x	x
Utah	1890	1905	6-18	6-18	8-16	12-16	100 days	Not required	Elem. grades	Not stated	5	None	x	0
Vermont	1867	1915	6-18	6-18	8-16	15-16	Full term	Consecutive	Elem. grades	1 day	8 <sup>4</sup>	Several	x	0
Virginia	1908	1918	7-20	6-20	8-12	14-16	80 days	Not required	Fourth grade	Not stated	5	None	x	0
Washington	1871	1909	4-21	4-21	8-16	12-16	Full term	Consecutive	Elem. grades	1 day	6	8	x	0
West Virginia	1915	1915	6-21	6-21	8-15	14-15	120 days	Not required	No provision	2 days in 1 week	6	335	x	0
Wisconsin	1879	1907	4-20	4-20	7-16	14-16	120 days <sup>10</sup>	Consecutive	Elem. grades	1 day	8	None	x	0
Wyoming	1876	1909	6-21	6-21	7-14	7-14	Full term	do.	No provision	3 days	11 <sup>3</sup>	None	x	0

<sup>1</sup> Full term if minimum term is less.  
<sup>2</sup> Children under 14 may be employed in agricultural and domestic pursuits. Labor permits are not issued to children under 14.  
<sup>3</sup> Consecutive attendance required for 50 days only.  
<sup>4</sup> Kindergarten legalized but minimum age not specified.  
<sup>5</sup> Children over 16 who enroll must attend regularly.  
<sup>6</sup> Superintendent of schools may exempt from further attendance any child who has attended 170 days.  
<sup>7</sup> If child must support dependents.  
<sup>8</sup> Children between 15 and 16, if unemployed, must attend school.  
<sup>9</sup> State commissioner of labor or the county superintendent may issue labor permits to children under 14.  
<sup>10</sup> In cities required attendance varies from 160 days to the full term provided.  
<sup>11</sup> Minimum term required to receive county aid is 6 months; State aid, 3 months.

TABLE 19.—Truant officers—Conditions of exemption from attendance.

[Abbreviations used in Table 19: "Board" denotes school board; "T. O.," truant or attendance officer; "co.," county; "supt.," school superintendent; "elem.," elementary; "pres.," president; "comr.," commissioner.]

States.	1 Officer directly charged with enforcing the compulsory attendance laws.	2 Officer approving or deciding on the issue of the labor permit.	3 Conditions under which labor permits are issued or under which attendance is not required.
Alabama	T. O.	Co. or city supt. or principal.	Must support self or parents and have attended 40 days during term.
Arizona	T. O. (peace officer if no T. O.)	Co. or city supt.	Able to read and write and have attended 100 days in 13th year.
Arkansas	do.	Supt. or principal.	Have completed fourth grade or must support widowed mother.
California	T. O.	Supt.	Have completed elementary grades or be in extreme poverty.
Colorado	do.	Co. or city supt.	Able to read and write and must support self or parents.
Connecticut	State board (T. O. in few towns)	Agents of State board	Have completed fifth grade.
Delaware	T. O. (clerk of board if no T. O.)	No permits issued.	Excused for "urgent reasons."
Dist. Columbia	T. O.	Judge juvenile court.	Must be in extreme poverty.
Florida	do.	Co. supt.	Must support self or parents or needed in agriculture.
Georgia	Board.	Co. or city supt.	Must support family or needed in agriculture.
Illinois	Co. probation officer <sup>1</sup>	Supt. do.	Have completed elementary grades or must support self or family.
Indiana	do.	Supt. do.	Have completed fifth grade.
Iowa	Board (rural); T. O. (cities)	T. O. or judge.	Have completed fifth grade and on request of parents.
Kansas	T. O.	Supt. or judge juvenile court.	Able to read and write.
Kentucky	Board (rural); T. O. (cities)	Co. or city supt.	Have completed elementary grades.
Louisiana	Co. board and district attorney	Co. board	Have completed fifth grade and have attended 100 days preceding year.
Maine	T. O.	Supt.	Must support widowed mother or be employed in certain occupations.
Maryland	do.	Co. supt.	Have completed fifth grade.
Massachusetts	do.	Supt.	Must attend 100 days during school term.
Michigan	do.	Co. or city supt.	Have completed fourth grade.
Minnesota	T. O. (co. supt. if no T. O.)	Supt. (chairman board, if no supt.)	Have completed sixth grade, must support self or parents, and be 15 years old.
Mississippi	Co. supt.	Board of trustees.	Able to read and write or be employed at home Apr. 1 to Nov. 1.
Missouri	T. O. (co. supt. if no T. O.)	Supt. or board	Must support self or parents.
Montana	do.	Supt.	Able to read and write or be in extreme poverty.
Nbraska	T. O. (cities)	Co. or city supt.	Able to read and write.
New Hampshire	T. O. (board, if no T. O.)	Co. or city supt.	Must support self or dependents.
New Jersey	do.	Supt. (local)	Must support self or parents.
New Mexico	do.	Supt. (principal or teacher)	Able to read and write and have attended 150 days preceding year.
	Co. supt. and boards	No permits issued.	Have completed fifth grade and have attended 130 days preceding year.

<sup>1</sup> Or commissioner of labor statistics.

<sup>2</sup> County superintendent reports truancy cases to the probate judge, under whom probation officers act.

<sup>3</sup> As the school board designates.

TABLE 19.—Truant officers—Conditions of exemptions from attendance—Continued.

1 States.	2 Officer directly charged with enforcing the compulsory attendance laws.	3 Officer approving or deciding on the issue of the labor permit.	4 Conditions under which labor permits are issued or under which attendance is not required.
New York	T. O.	Supt.	Have completed elementary grades and attended 130 days preceding year. Permits not necessary but must have attended 80 days in fifth year.
North Carolina	do.	Permits not necessary	Able to read and write.
North Dakota	T. O. (often the constable).	Supt. (Clerk board, if no supt.)	Have completed sixth grade
Oklahoma	Board, co. supt. or citizen.	Supt.	Able to read and write and have attended two-thirds of term preceding year.
Oregon	T. O.	Co. supt.	Do.
Pennsylvania	T. O. (board, if no T. O.).	do.	Do.
Rhode Island	T. O.	Supt., principal, or secy. of board	Do.
South Carolina	Board of trustees	Permits not necessary	Do.
South Dakota	Co. supt. (rural); T. O. (cities).	Co. supt.	Must support self or parents.
Tennessee	T. O. (if appointed).	do.	Able to read and write.
Texas	T. O. (supt. or peace officer if no T. O.).	do.	Have completed fourth grade and must support parents.
Utah	Pres. board or trustee chairman.	Supt.	Must support parents.
Vermont	T. O. (peace officer, if no T. O.).	Comr. of industries (approval supt.)	Have completed sixth grade and support dependents.
Virginia	Division supt. and board (rural).	Notary public.	Proof of age.
Washington	Co. supt. (rural); T. O. (cities).	Supt.	Have completed elementary grades, or have other good reasons.
West Virginia	T. O.	do.	Have completed fourth grade.
Wisconsin	Peace officer (rural); T. O. (cities).	Judges of courts.	Have completed fifth grade, and have attended preceding year.
Wyoming	T. O. (peace officer, if no T. O.).	Board.	Permits granted if attendance would work a hardship.

1 Sixth grade if child is over 15.  
 2 Applies only to children between 12 and 13.  
 3 Superintendent, peace officer, or clerk of board may ascertain violations.  
 4 City boards may appoint truant officers.  
 5 Truant officers in cities.  
 6 See footnotes 3 and 4.  
 7 (Or has attended school at least 7 years.)  
 8 Children may be employed at certain kinds of labor at any age.



TABLE 20.—Total population and school population<sup>1</sup>

States.	Total population United States Census estimate for July 1, 1918.	Children 5 to 18 years of age, 1918 (estimated)	School census, by local officials.					
			Date of school census reported.	Age of children enumerated.	Number enumerated.			
					Boys.	Girls.	Total.	
1	2	3	4	5	6	7	8	
Continental United States.....	105,253,300	27,686,476						
Alabama.....	2,395,270	760,598	1918	7-21	393,085	376,720	769,805	
Arizona.....	272,034	66,655	1918	6-21	36,113	37,785	73,898	
Arkansas.....	1,792,965	562,861	1918	6-21	330,873	331,003	661,876	
California.....	3,119,412	606,350		5-21	427,857	433,220	861,077	
Colorado.....	1,014,581	237,407	1918	6-21	129,243	128,641	257,884	
Connecticut.....	1,286,268	295,031	1918	4-16			325,144	
Delaware.....	216,941	53,457						
District of Columbia.....	374,584	74,524	1910	5-17	32,389	33,478	65,867	
Florida.....	938,877	269,553	1915	6-21	150,299	151,729	302,028	
Georgia.....	2,935,617	937,742	1918	6-19	422,053	418,808	840,861	
Idaho.....	461,756	121,838	1917	6-21	68,046	63,799	131,845	
Illinois.....	6,317,734	1,554,799	1918	6-21	859,327	858,730	1,718,057	
Indiana.....	2,854,167	712,913	1918	6-21	398,808	378,060	776,868	
Iowa.....	2,224,771	582,898	1918	5-21	343,381	337,814	681,195	
Kansas.....	1,874,195	495,578	1918	5-21	262,244	258,817	521,061	
Kentucky.....	2,408,547	707,766	1918	6-18	329,695	318,612	648,307	
Louisiana.....	1,884,778	590,259	1915	6-18	271,960	266,159	538,119	
Maine.....	782,191	179,048	1918	5-21	115,192	113,764	228,956	
Maryland.....	1,384,539	363,234	1918	6-15	124,891	123,801	248,692	
Massachusetts.....	3,832,790	858,544	1918	5-16			705,135	
Michigan.....	3,133,678	770,809	1918	5-20	466,215	453,451	919,666	
Minnesota.....	2,345,287	635,138	1917	6-16	233,314	233,716	467,030	
Mississippi.....	2,061,466	651,443	1916	5-21	394,653	396,932	791,585	
Missouri.....	3,448,498	900,144	1918	6-20	459,236	446,819	906,055	
Montana.....	486,376	104,673	1917	6-21	81,331	78,221	159,552	
Nebraska.....	1,296,877	351,924	1918	5-21	198,329	191,667	390,026	
Nevada.....	114,742	18,831	1918	6-18	7,456	6,985	14,441	
New Hampshire.....	446,352	96,038	1917	5-16	40,569	40,216	80,785	
New Jersey.....	3,080,371	739,126	1918	5-18	339,592	338,381	677,973	
New Mexico.....	437,015	126,679	1918	5-21	62,511	59,318	121,829	
New York.....	10,648,989	2,421,283	1917	5-18	1,157,420	1,162,058	2,319,478	
North Carolina.....	2,468,025	732,481	1917	6-21	426,671	419,393	846,064	
North Dakota.....	791,437	222,693	1918	6-21	111,083	96,554	207,637	
Ohio.....	5,273,814	1,246,601	1918	6-21	707,222	673,331	1,380,553	
Oklahoma.....	2,377,629	729,547	1918	6-21	333,663	317,356	651,019	
Oregon.....	888,243	194,984	1917	4-20	104,185	101,499	205,684	
Pennsylvania.....	8,798,067	2,192,214	1917	6-10			1,707,693	
Rhode Island.....	637,415	147,516	1918	5-18	68,508	68,921	137,429	
South Carolina.....	1,660,934	554,374						
South Dakota.....	735,434	203,623	1918	6-21	93,067	89,670	182,737	
Tennessee.....	2,321,253	697,110	1917	6-21	398,938	387,890	786,828	
Texas.....	4,601,279	1,441,881	1918	7-18	625,716	607,169	1,232,885	
Utah.....	453,648	131,734	1918	6-18	66,540	65,884	132,424	
Vermont.....	366,192	85,256	1917	6-18	37,342	36,410	73,752	
Virginia.....	2,234,030	678,455	1915	7-20	333,125	325,801	658,926	
Washington.....	1,660,578	363,812	1918	5-21	169,822	166,418	336,240	
West Virginia.....	1,439,165	416,483	1918	6-21	224,706	212,914	437,620	
Wisconsin.....	2,553,983	701,084	1917	4-20	406,529	397,683	804,212	
Wyoming.....	190,380	39,294	1918	6-21	24,633	20,796	45,429	
<b>Outlying Possessions.</b>								
Alaska.....	64,510	8,732						
Hawaii.....	223,419	51,467						
Canal Zone.....	31,384			5-14				
Philippine Islands.....	9,017,437						8,000	
Porto Rico.....	1,247,677	361,907	1918	5-18	106,626	194,119	300,745	

<sup>1</sup> Estimated enrollment equals 70 per cent of these estimates.  
<sup>2</sup> Same as in 1910 (decrease from 1900 to 1910); probably 7,884 too high, as shown by the total population as estimated.  
<sup>3</sup> Includes children 6-18 in Baltimore city.  
<sup>4</sup> Does not include illiterates 16-21, numbering 11,504.  
<sup>5</sup> Estimated by State office of education from the census of 1915 and the enrollment for 1918.  
<sup>6</sup> Includes children 4-21 in first and second class districts.  
<sup>7</sup> In 1910.  
<sup>8</sup> Estimated from the Federal Census of 1910.





TABLE 22.—Percentage analysis of population and per cent of illiterates, Federal census.

States.	Per cent of total population, 1910.								Per cent of illiterates in the population 10 years of age and over, 1910.					Per cent of illiterates in population 10 to 14 years of age.	
	Total white population.	Native white.			Foreign-born white.				All classes.	Native white.			Negro.	1900	1910
		Native parents.	Foreign or mixed parents.	Total.	Foreign-born.	Negro.	All others.	Native parents.		Foreign or mixed parents.	Foreign-born white.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Continental United States	88.9	53.8	20.3	74.4	14.5	10.7	0.4	7.7	3.7	1.1	12.7	30.4	7.1	4.1	
Alabama	57.5	55.1	1.5	56.6		9	42.5	(1)	22.9	10.1	2.3	11.3	40.1	28.9	16.4
Arizona	83.9	40.4	20.6	61.0		9	15.1	20.9	2.3	8.4	31.5	7.2	22.2	15.2	
Arkansas	71.8	68.4	2.3	70.8		1.1	28.1	(1)	12.6	7.1	2.8	8.9	25.4	16.2	8.2
California	95.0	46.5	28.7	73.3		21.8		4.0	3.7	.5	6.6	10.0	7.1	1.0	.6
Colorado	98.0	59.5	22.7	82.2		15.9	1.4	.5	3.7	2.0	.5	11.3	8.6	1.5	.9
Connecticut	98.6	35.5	33.6	69.1		29.5	1.4	.1	6.0	.5	.5	15.4	6.3	4.5	.3
Delaware	84.6	63.2	11.8	75.0		8.6	15.4	(1)	8.1	3.3	.9	19.8	25.4	4.6	1.5
Dist. of Columbia	71.3	50.4	13.6	64.0		7.4	28.5	.1	4.9	.6	.4	8.2	13.5	1.8	.4
Florida	58.9	49.7	4.8	54.4		4.5	41.0	(1)	13.8	5.2	2.2	10.5	25.5	13.8	10.3
Georgia	54.0	53.3	1.0	54.3		.6	45.1	(1)	20.7	8.0	1.6	6.0	38.5	22.8	13.6
Idaho	98.0	62.5	23.1	85.6		12.4	.2	1.8	2.2	.4	.3	6.9	6.4	1.2	.4
Illinois	98.0	46.1	30.6	76.7		21.3	1.9	(1)	3.7	1.7	.6	10.1	10.5	.8	.3
Indiana	97.7	78.9	13.0	91.8		5.9	2.2	(1)	3.1	2.2	1.4	11.7	13.7	.5	.3
Iowa	99.3	58.6	28.4	87.0		12.3	.7	(1)	1.7	.9	.6	6.3	10.3	.4	.2
Kansas	96.7	71.4	17.3	88.7		8.0	3.2	.2	2.2	.8	.8	10.5	12.0	.5	.3
Kentucky	88.6	81.4	5.4	86.8		1.7	11.4	(1)	12.1	10.7	1.5	8.3	27.6	8.4	6.0
Louisiana	56.8	46.9	6.8	53.7		3.1	43.1	.1	29.0	15.0	3.6	24.0	48.4	32.9	24.6
Maine	99.7	60.7	18.2	84.8		14.8	.2	.1	4.1	1.4	4.5	13.7	8.0	2.1	.8
Maryland	82.0	59.2	14.8	74.0		8.0	17.9	(1)	7.2	3.0	1.0	11.9	23.4	4.6	2.5
Massachusetts	98.8	32.8	34.8	67.5		31.2	1.1	.1	5.2	.1	.7	12.7	8.1	.7	.2
Michigan	99.1	43.6	34.3	77.9		21.2	.6	.3	3.3	1.0	1.2	9.3	5.7	.7	.3
Minnesota	99.2	27.7	45.3	73.0		26.2	.3	.5	3.0	.4	.6	7.6	3.4	.7	.3
Mississippi	43.7	42.1	1.1	43.2		.5	50.2	.1	22.4	5.3	2.2	15.1	35.6	22.4	12.5
Missouri	95.2	72.5	15.7	88.2		7.0	4.8	(1)	4.3	3.4	1.2	10.1	17.4	3.4	1.2
Montana	95.9	43.1	28.4	71.5		24.1	.5	3.6	4.8	.3	.4	9.4	7.0	1.0	1.3
Nebraska	99.0	53.9	30.4	84.2		14.8	.6	.4	1.9	.6	.5	7.1	7.2	.3	.3
Nevada	90.7	43.1	25.6	68.7		22.0	.6	8.7	6.7	.4	.5	7.6	5.5	8.1	4.3
New Hampshire	99.8	53.5	23.9	77.4		22.4	.1	(1)	4.6	.8	2.1	14.5	10.6	1.7	.3
New Jersey	96.4	39.8	30.7	70.5		25.9	3.5	.1	5.6	1.1	.7	14.7	9.9	1.2	.6
New Mexico	93.1	78.1	8.0	80.1		6.9	.5	6.4	20.2	15.5	8.9	31.0	14.2	19.9	11.1
New York	98.4	35.4	33.0	68.4		29.9	1.5	.1	5.5	.8	.7	13.7	5.0	.7	.3
North Carolina	68.0	67.3	.4	67.7		.3	31.8	.4	18.5	12.3	3.0	8.3	31.9	21.8	10.1
North Dakota	98.8	28.2	43.5	71.7		27.1	.1	1.1	3.1	.3	.7	6.3	4.8	2.4	1.2
Ohio	97.6	63.6	21.5	85.1		12.5	2.3	(1)	3.2	1.7	.9	11.5	11.1	.5	.3
Oklahoma	87.2	79.1	5.7	84.8		2.4	8.3	4.5	5.6	3.5	1.3	9.8	17.7	13.9	2.4
Oregon	97.4	62.0	20.1	82.1		15.3	.2	2.4	1.9	.4	.4	0.1	3.4	.4	.2
Pennsylvania	97.4	55.1	23.6	78.7		18.8	2.5	(1)	5.9	1.4	1.1	20.1	9.1	1.0	.5
Rhode Island	98.1	29.5	35.9	65.3		32.8	1.8	.1	7.7	.7	1.8	17.3	9.5	1.9	.6
South Carolina	44.8	43.7	.7	44.4		.4	55.2	(1)	25.7	10.5	1.4	6.8	38.7	29.6	17.1
South Dakota	96.6	42.1	37.2	79.3		17.2	.1	3.3	2.9	.3	.4	5.0	5.5	1.0	.7
Tennessee	78.3	75.7	1.8	77.5		.8	21.7	(1)	13.6	9.9	1.8	8.3	27.3	14.0	7.5
Texas	82.2	60.8	9.3	70.1		6.2	17.7	(1)	9.9	3.3	11.6	30.0	24.6	9.3	6.3
Utah	98.2	46.0	35.2	81.2		17.0	.3	1.5	2.5	.4	.4	5.9	4.8	.7	.7
Vermont	99.5	64.4	21.1	85.5		14.0	.5	(1)	3.7	1.2	4.0	13.1	4.8	1.0	.3
Virginia	67.4	64.3	1.8	66.1		1.3	32.0	(1)	15.2	8.2	1.2	9.2	30.0	15.7	9.2
Washington	97.1	51.3	24.7	76.0		21.1	.5	2.3	2.0	.3	.3	4.8	4.3	.7	.4
West Virginia	94.7	85.3	4.7	90.1		4.7	5.3	(1)	8.3	6.7	2.0	23.9	20.3	5.3	2.7
Wisconsin	99.4	32.7	44.9	77.5		22.0	.1	.4	3.2	.6	1.0	8.7	4.5	.7	.3
Wyoming	96.1	55.3	22.3	77.6		18.6	1.5	2.3	3.3	.3	.4	9.7	5.0	.9	.5

<sup>1</sup> Less than one-tenth of 1 per cent.



TABLE 23.—Pupils enrolled (excluding duplicates within States), 1917-18.

States.	Kindergarten.			Elementary.			Secondary. <sup>1</sup>			Total.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States.....	104,967	105,517	210,484	9,392,545	9,316,666	18,709,211	831,954	1,061,967	1,933,921	10,349,466	10,504,050	20,853,516
Alabama.....				273,856	268,673	542,529	12,844	18,359	31,203	286,700	287,062	573,762
Arizona.....				31,076	31,094	62,170	1,802	2,611	4,413	34,288	33,705	67,993
Arkansas.....				223,915	225,950	449,865	4,725	7,001	11,726	228,610	232,951	461,561
California.....	13,251	14,099	27,350	279,198	216,387	495,585	54,141	72,772	126,913	296,500	303,238	600,738
Colorado.....				91,229	83,294	174,523	10,491	13,749	24,240	101,720	99,043	200,763
Connecticut.....	8,100	8,298	16,398	102,170	100,894	203,064	10,790	13,677	24,467	121,030	123,800	244,830
Delaware.....				17,465	16,925	34,390	1,487	1,277	2,764	18,579	18,132	36,711
District Columbia.....	1,960	2,099	4,059	24,899	25,314	49,213	3,328	4,406	7,734	24,566	24,310	48,876
Florida.....				90,992	95,692	186,684	4,871	6,747	11,618	63,456	61,419	124,875
Georgia.....				309,567	329,923	639,490	19,664	21,487	41,151	329,251	350,410	679,661
Idaho.....				47,373	45,372	92,745	5,153	6,839	11,992	52,526	52,211	104,737
Illinois.....	22,226	22,271	44,497	473,308	488,319	961,627	50,107	62,460	112,567	645,655	542,736	1,098,391
Indiana.....				246,332	243,111	489,443	34,539	37,707	72,246	282,731	281,421	564,152
Iowa.....				174,133	172,401	346,534	21,922	31,694	53,616	264,280	266,085	530,365
Kansas.....				178,183	172,056	350,239	21,850	31,304	53,154	200,997	204,322	405,319
Kentucky.....				254,438	255,006	509,444	8,943	14,568	23,511	293,381	286,974	580,355
Louisiana.....				145,142	152,733	297,875	9,110	14,328	23,438	156,641	168,900	325,541
Maine.....				61,600	59,763	121,363	7,413	10,214	17,627	69,922	70,882	140,804
Maryland.....				111,573	109,940	221,513	5,889	7,766	13,655	117,962	117,706	235,668
Massachusetts.....				285,031	256,397	541,428	48,361	60,129	108,490	314,652	316,800	631,452
Michigan.....	19,028	19,000	38,028	275,055	296,989	572,044	32,967	42,992	75,959	327,060	328,801	655,861
Minnesota.....				219,891	217,316	437,207	20,159	30,737	50,896	248,707	248,213	496,920
Mississippi.....				254,271	257,346	511,617	14,436	31,158	45,594	330,034	334,408	664,442
Missouri.....				296,600	302,952	600,552	30,494	41,158	71,652	300,034	304,408	604,442
Montana.....				56,940	54,500	111,440	4,360	7,000	11,360	60,300	61,500	121,800
Nebraska.....				137,713	133,280	270,993	11,778	17,210	29,018	149,491	150,520	300,011
Nevada.....				6,016	6,012	12,028	1,678	1,678	3,356	7,362	7,156	14,518
New Hampshire.....				27,024	27,032	54,056	5,040	6,977	12,017	32,051	33,970	66,021
New Jersey.....	20,217	19,641	39,858	259,793	272,352	532,145	23,256	27,064	50,320	283,222	279,087	562,309
New Mexico.....				40,272	41,620	81,892	1,576	2,154	3,730	41,863	43,814	85,677

New York	748,494	719,507	1,086,001	79,799	88,789	198,888	828,283	838,290	1,006,890
North Carolina	303,728	312,672	616,398	7,406	10,447	17,832	311,131	323,119	634,250
North Dakota	79,251	77,183	156,114	4,249	7,371	11,620	83,570	84,634	166,034
Ohio	417,971	401,287	819,138	62,611	70,161	132,802	490,512	471,448	961,960
Oklahoma	259,900	256,461	516,361	14,328	20,776	35,104	274,128	277,237	551,365
Oregon	63,042	60,202	123,244	9,565	13,142	22,647	72,547	73,344	145,991
Pennsylvania	697,658	693,311	1,390,999	57,022	66,983	124,013	784,490	790,494	1,514,964
Rhode Island	41,707	41,324	83,131	4,069	4,724	8,733	45,716	46,148	91,964
South Carolina	184,111	201,986	383,697	3,240	5,330	8,770	187,351	207,118	394,467
South Dakota	64,065	61,535	125,430	5,174	7,881	13,065	69,269	71,218	138,485
Tennessee	290,614	290,194	590,812	12,438	18,096	30,534	283,052	298,294	591,346
Texas	498,828	491,282	990,810	45,735	60,320	106,055	545,836	553,153	1,098,989
Utah	50,963	49,233	100,096	4,648	5,410	10,097	55,511	54,682	110,193
Vermont	27,759	26,221	53,973	3,403	4,673	8,078	31,155	30,694	62,049
Virginia	221,321	220,461	451,982	11,435	17,722	29,137	232,956	246,183	481,139
Washington	114,733	108,709	224,442	15,171	21,699	36,870	130,678	132,151	262,829
West Virginia	151,144	149,636	300,790	6,857	9,507	16,364	134,001	150,143	317,144
Wisconsin	188,213	183,573	371,756	21,252	28,159	49,411	223,615	225,788	449,403
Wyoming	17,493	17,402	34,895	1,388	1,988	3,376	18,891	19,390	38,271
<i>Owling Possessions.</i>									
Alaska	1,542	1,504	3,046	124	171	295	1,666	1,675	3,341
Hawaii	18,153	16,673	34,826	800	356	1,156	18,353	17,014	35,367
Canal Zone			2,377			197			2,174
Philippine Islands	397,307	259,862	656,969	11,320	3,299	14,329	498,627	282,771	671,968
Puerto Rico	74,779	56,764	131,543	1,364	4,762	3,346	82,083	61,556	144,389

1 Includes students enrolled in local normal schools and vocational schools.

2 Includes 17,213 pupils enrolled in special day and evening schools.

3 Not including 1,668 boys and 1,159 girls enrolled in evening schools.

4 Not including 4,262 boys and 4,306 girls enrolled in evening schools.

5 Includes 23,073 students enrolled in vocational schools.

6 Not including 26,776 pupils in elementary evening schools, 19,147 students in secondary evening schools, and 10,668 pupils in vocational schools.

7 Not including 3,002 men and 4,076 women enrolled in evening vocational schools, nor any students enrolled in other evening schools.

8 Includes 3,613 pupils enrolled in night schools.

TABLE 24.—Pupils enrolled in private and parochial schools, largely estimated, 1917-18.

States.	Pupils in elementary schools.			Students in secondary schools and business schools.			Enrollment in elementary, secondary, and business schools.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
1	2	3	4	5	6	7	8	9	10
Continental United States.....	727,956	729,088	1,457,044	173,359	284,722	458,081	901,315	1,013,819	1,915,125
Alabama.....	6,441	8,444	14,885	2,126	4,033	6,159	8,567	12,477	21,044
Arizona.....	1,489	1,452	2,941	321	605	926	1,810	2,057	3,867
Arkansas.....	1,636	999	2,635	861	1,734	2,595	2,497	2,733	5,230
California.....	7,145	6,073	13,218	8,855	17,327	26,182	16,000	24,000	40,000
Colorado.....	1,500	1,500	3,000	1,663	3,843	5,506	3,163	5,343	8,506
Connecticut.....	19,169	19,293	38,462	3,645	5,604	9,249	22,814	24,897	47,711
Delaware.....	1,115	1,446	2,561	1,272	1,167	2,439	2,387	2,613	5,000
Dist. Columbia.....	5,000	5,000	10,000	3,180	5,639	8,819	8,180	10,639	18,819
Florida.....	3,519	2,411	5,930	868	1,955	2,823	4,387	4,366	8,753
Georgia.....	5,000	5,000	10,000	3,453	6,056	9,509	8,453	11,056	19,509
Idaho.....	1,500	1,500	3,000	736	1,090	1,826	2,236	2,590	4,826
Illinois.....	101,027	104,746	205,773	10,156	19,679	29,835	111,183	124,425	235,608
Indiana.....	12,619	10,884	23,503	4,057	7,617	11,674	16,676	18,201	34,877
Iowa.....	14,613	11,757	26,370	3,119	7,590	10,699	17,732	19,337	37,069
Kansas.....	6,280	4,373	10,653	3,021	6,069	9,090	9,301	10,442	19,743
Kentucky.....	13,612	13,169	26,781	2,911	4,354	7,265	16,523	17,523	34,046
Louisiana.....	12,120	11,630	23,750	2,466	2,957	5,423	14,586	14,587	29,173
Maine.....	6,135	6,294	12,429	1,950	2,532	4,482	8,085	8,826	16,911
Maryland.....	11,452	13,064	24,516	2,892	2,592	5,484	14,344	15,656	30,000
Massachusetts.....	48,286	50,823	99,109	9,211	12,005	21,216	57,497	62,828	120,325
Michigan.....	38,261	37,923	76,184	4,683	8,938	13,621	42,944	46,861	89,805
Minnesota.....	12,623	11,564	24,187	5,549	8,264	13,813	18,172	19,828	38,000
Mississippi.....	2,837	2,913	5,750	1,130	1,220	2,350	3,967	4,133	8,100
Missouri.....	24,736	25,092	49,828	6,351	8,821	15,172	31,087	33,913	65,000
Montana.....	2,000	2,000	4,000	681	1,835	2,516	2,681	3,835	6,516
Nebraska.....	7,990	5,192	13,182	1,593	4,411	6,004	9,583	9,603	19,186
Nevada.....	129	14	143	25	150	175	154	164	318
New Hampshire.....	7,485	9,168	16,653	2,206	1,406	3,612	9,691	10,574	20,265
New Jersey.....	17,077	17,874	34,951	6,707	8,322	15,029	23,804	26,196	50,000
New Mexico.....	1,626	2,264	3,890	265	469	734	1,891	2,730	4,621
New York.....	109,140	107,760	216,900	22,387	35,704	58,091	131,527	143,473	275,000
North Carolina.....	8,963	9,265	18,228	2,937	3,835	6,772	11,000	13,100	24,100
North Dakota.....	2,553	2,242	4,795	547	858	1,405	3,100	3,100	6,200
Ohio.....	73,296	73,899	147,195	6,704	16,101	22,805	80,000	90,000	170,000
Oklahoma.....	2,660	5,306	7,966	1,479	2,278	3,757	4,139	7,584	11,723
Oregon.....	2,393	2,063	4,456	1,471	2,479	3,950	3,864	4,542	8,406
Pennsylvania.....	54,000	54,000	108,000	13,790	23,015	36,805	67,790	77,015	144,805
Rhode Island.....	7,924	8,756	16,680	1,850	2,599	4,449	9,774	11,355	21,129
South Carolina.....	3,500	3,500	7,000	1,150	1,345	2,501	4,656	4,845	9,501
South Dakota.....	1,897	1,514	3,411	490	1,099	1,589	2,387	2,613	5,000
Tennessee.....	9,952	9,111	18,063	3,862	4,175	8,037	12,914	14,066	27,000
Texas.....	7,900	6,596	14,496	6,444	9,060	15,504	14,344	15,650	30,000
Utah.....	1,770	857	2,627	2,230	4,043	6,273	4,000	5,000	9,000
Vermont.....	3,580	2,592	6,172	920	1,408	2,328	4,000	4,000	8,000
Virginia.....	3,700	4,200	7,900	4,800	5,100	9,900	8,500	9,300	17,800
Washington.....	3,413	3,400	6,813	2,186	5,962	8,148	5,599	9,362	14,961
West Virginia.....	1,784	936	2,720	1,105	2,170	3,275	2,889	3,106	5,995
Wisconsin.....	35,989	37,523	73,512	2,874	4,861	7,735	38,863	42,404	81,267
Wyoming.....	500	500	1,000	174	336	510	074	836	1,310
<i>Outlying Possessions.</i>									
Hawaii.....							4,120	3,043	7,169
Canal Zone.....	0	0	0	0	0	0	0	0	0
Porto Rico.....			6,812			436			7,248

¹ Excluding students enrolled in academies.

² Excluding 733 pupils enrolled in Indian schools.

STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918.

TABLE 25. Number of pupils enrolled in the public elementary and secondary schools at different periods, excluding duplicates.

States.	1870-71	1879-80	1889-90	1899-1900	1909-10	1915-16	1917-18
1	2	3	4	5	6	7	8
Continental United States.....	7,561,582	9,967,505	12,222,581	15,503,110	17,813,852	20,351,687	20,833,516
Alabama.....	141,312	179,490	361,615	376,423	424,611	514,601	573,762
Arizona.....	0	4,212	7,988	16,504	31,312	51,077	67,973
Arkansas.....	69,927	81,072	223,071	314,662	393,978	447,726	461,591
California.....	91,332	158,765	221,756	299,736	398,391	539,688	602,758
Colorado.....	4,357	22,119	65,490	117,535	168,798	184,471	200,763
Connecticut.....	113,588	119,694	126,505	155,228	190,353	231,609	213,880
Delaware.....	20,058	27,823	31,434	36,805	35,950	327	37,137
Dist. Columbia.....	15,157	26,139	36,906	46,319	55,774	59,526	61,539
Florida.....	14,000	39,315	92,472	198,874	148,089	198,365	196,405
Georgia.....	49,578	236,533	381,297	482,673	555,794	667,635	679,661
Idaho.....	906	5,834	16,311	36,669	76,168	95,772	104,737
Illinois.....	672,787	704,011	778,419	958,911	1,092,687	1,084,140	1,086,391
Indiana.....	450,057	511,293	512,955	564,807	531,459	564,252	564,152
Iowa.....	341,938	426,057	493,267	546,223	510,661	528,579	530,375
Kansas.....	89,777	231,434	399,322	389,582	398,746	402,860	405,319
Kentucky.....	178,457	276,000	300,660	500,204	494,863	537,008	533,355
Louisiana.....	57,639	77,612	120,253	196,169	283,617	320,300	325,571
Maine.....	152,640	149,827	139,676	130,918	144,278	149,149	140,771
Maryland.....	115,083	162,431	184,251	222,373	238,393	243,077	235,268
Massachusetts.....	273,670	306,777	371,492	474,891	535,869	604,023	630,878
Michigan.....	292,466	362,556	427,032	504,985	541,501	620,961	655,941
Minnesota.....	113,983	180,218	280,960	399,207	440,083	481,583	488,323
Mississippi.....	117,000	236,654	331,158	346,507	469,137	492,756	540,756
Missouri.....	330,070	482,986	620,314	719,817	707,031	721,752	664,412
Montana.....	1,657	4,270	16,990	39,430	66,141	102,768	122,009
Nebraska.....	23,265	92,549	240,300	288,227	281,375	292,725	300,011
Nevada.....	3,106	9,046	7,387	6,676	10,200	13,358	14,518
New Hampshire.....	71,957	64,341	59,813	65,688	63,972	67,461	66,021
New Jersey.....	139,430	204,961	231,072	322,575	429,797	540,287	562,319
New Mexico.....	1,320	4,755	18,215	36,735	56,304	77,062	85,677
New York.....	1,028,110	1,031,593	1,042,160	1,209,574	1,423,969	1,625,777	1,666,589
North Carolina.....	115,060	252,612	322,333	400,452	520,304	649,246	634,250
North Dakota.....	1,640	15,718	35,513	77,086	136,802	151,617	168,034
Ohio.....	719,372	726,499	797,489	829,160	838,080	905,071	951,980
Oklahoma.....	(1)	(1)	78,043	99,602	422,300	515,493	551,365
Oregon.....	21,000	37,533	63,254	89,405	118,412	142,365	145,891
Pennsylvania.....	835,514	937,310	1,020,322	1,151,880	1,262,965	1,504,794	1,514,984
Rhode Island.....	34,000	40,604	52,774	67,231	80,061	89,879	91,864
South Carolina.....	66,056	34,072	201,260	281,891	340,415	415,760	394,467
South Dakota.....	(1)	(1)	78,043	98,822	126,253	134,136	138,485
Tennessee.....	140,000	300,217	447,950	485,354	521,753	610,235	591,346
Texas.....	63,504	220,000	466,672	639,598	821,631	1,017,083	1,098,989
Utah.....	16,992	24,326	37,119	73,042	91,611	108,059	110,193
Vermont.....	68,284	75,328	65,118	65,964	66,615	65,388	62,049
Virginia.....	131,088	220,736	342,219	370,595	402,109	486,134	481,139
Washington.....	5,000	11,780	55,964	115,104	215,688	245,419	262,820
West Virginia.....	76,999	142,850	193,064	232,343	276,458	313,873	317,144
Wisconsin.....	265,285	299,457	351,723	445,142	464,211	458,102	449,403
Wyoming.....	450	2,907	7,652	14,512	24,584	32,637	38,271
<b>Outlying Possessions.</b>							
Alaska.....							3,342
Hawaii.....							85,967
Canal Zone.....							2,774
Philippine Islands.....							671,398
Porto Rico.....							141,589

\* Statistics of 1914-15.  
 † Statistics of 1912-13.  
 ‡ Approximate.

§ Exceeds estimated 5 to 18 population.  
 ¶ Included in North Dakota.

TABLE 26.—Average daily attendance and aggregate number of days attended, 1917-18.

States.	Average daily attendance.				Aggregate number of days attended.			
	Kindergarten.	Elementary.	Secondary.	Total.	Kindergarten.	Elementary.	Secondary.	Total.
1	2	3	4	5	6	7	8	9
Continental U. S.	10,459	6,429,440	764,830	15,548,914	3,381,137	992,806,267	190,302,775	2,496,424,309
Alabama.....		321,627	20,007	341,634		89,412,016	2,798,168	42,208,184
Arizona.....		38,139	3,221	41,360		6,102,267	600,986	6,703,253
Arkansas.....				299,918				35,983,200
California.....	14,311	350,568	64,758	429,637	2,504,425	59,947,128	11,656,440	74,107,993
Colorado.....				137,984				23,181,312
Connecticut.....		170,049	20,851	190,900		30,804,376	3,534,499	34,638,875
Delaware.....		22,664	1,949	24,613		3,685,366	351,227	4,036,593
Dist. Columbia.....	2,183	89,440	6,215	47,838	377,684	6,823,203	1,069,574	8,270,461
Florida.....		130,431	6,864	137,295		16,745,990	1,106,108	17,851,088
Georgia.....		422,284	38,292	460,576		57,028,455	6,701,100	63,729,555
Idaho.....				74,607				11,191,050
Illinois.....		867,896	94,356	962,252		135,208,480	17,789,606	152,998,086
Indiana.....		461,658	61,429	523,087		71,095,394	10,135,785	81,231,179
Iowa.....				395,506				71,191,080
Kansas.....		243,827	44,409	288,236		41,438,854	7,993,620	49,432,474
Kentucky.....				314,992				47,129,560
Louisiana.....	2,101	212,440	18,881	233,422	361,274	28,427,122	2,968,773	31,757,169
Maine.....	1,266	97,579	14,860	113,725	(*)	16,646,369	2,656,842	19,215,208
Maryland.....		150,857	10,915	161,772		25,642,107	1,911,554	27,553,663
Massachusetts.....		433,871	84,360	518,231		76,363,485	12,962,061	89,345,566
Michigan.....	18,334	449,921	54,911	523,166				89,964,552
Minnesota.....				573,760				63,137,133
Mississippi.....		326,450	19,502	345,952		44,381,169	3,412,850	47,794,019
Missouri.....				505,670				88,643,636
Montana.....		79,493	10,805	90,298		11,866,796	1,869,203	13,736,001
Nebraska.....				214,377				35,415,060
Nevada.....				10,800				1,785,606
N. Hampshire.....		43,030	9,657	52,687		7,401,180	1,757,574	9,158,754
New Jersey.....				423,750				78,434,202
New Mexico.....	21	53,868	2,489	56,378	3,750	8,300,390	435,575	8,748,721
New York.....				1,299,535				242,374,992
N. Carolina.....				414,879				50,822,608
North Dakota.....				119,375				20,010,179
Ohio.....		727,404	121,883	849,287		118,827,409	19,464,413	138,291,822
Oklahoma.....		305,968	27,546	333,514		47,562,060	4,597,413	52,159,473
Oregon.....				130,864				23,948,112
Pennsylvania.....				1,227,921				214,866,175
Rhode Island.....		65,474	6,780	72,254		12,623,829	1,320,060	13,943,880
S. Carolina.....				255,816				28,966,721
South Dakota.....				90,476				16,836,593
Tennessee.....		382,304	23,740	406,044		52,758,962	3,988,320	56,747,272
Texas.....				788,391				115,106,066
Utah.....		77,767	8,239	85,996		13,164,583	1,356,376	14,520,969
Vermont.....				49,751				8,597,407
Virginia.....				326,296				46,101,080
Washington.....	843	166,022	27,990	194,855	154,014	28,872,769	4,964,340	33,991,123
W. Virginia.....		210,470	12,063	222,533		27,571,570	2,106,273	29,680,845
Wisconsin.....		311,810	44,645	356,455				63,368,306
Wyoming.....		27,870	2,749	30,619		4,132,982	465,013	4,597,995
<i>Outlying Possessions.</i>								
Alaska.....		2,366	235	2,601		392,858	40,397	432,755
Hawaii.....				38,719				
Canal Zone.....		1,895	158	2,053		322,722	27,897	350,619
Phil. Islands.....		506,988	12,391	521,377				
Porto Rico.....		103,748	2,663	106,411		18,016,850	471,275	18,488,125

\* In 5 States only, which report both the average and the aggregate attendance.

† In 27 States only, which report both the average and the aggregate attendance.

‡ Estimated.

§ Included in column 7.

¶ Includes 11,767 pupils in average attendance in vocational schools not used in computing the length of school term.

\*\* Includes 1,364 pupils in average attendance in night schools.

†† Includes 185,600 days' aggregate attendance in night schools.

TABLE 27.—Average daily attendance in elementary and secondary schools at different dates (pupils actually present each day).

States	1870-71	1879-80	1889-90	1899-1900	1909-10	1915-16	1917-18
1	2	3	4	5	6	7	8
Continental United States	4,545,317	6,144,143	8,153,635	10,632,772	12,827,307	15,358,927	15,548,914
Alabama	107,666	117,978	182,467	297,805	266,589	323,487	241,634
Arizona	146,600	2,847	4,702	10,177	30,094	34,257	41,860
Arkansas	64,286	154,700	148,714	195,401	255,135	* 304,401	299,918
California	2,611	10,966	146,589	197,395	286,744	410,978	429,637
Colorado		12,618	38,715	73,291	107,520	134,758	137,964
Connecticut	62,683	73,546	88,656	111,554	* 147,190	182,477	190,900
Delaware	12,700	17,489	19,649	125,800	22,559	24,538	24,613
Dist. Columbia	10,261	20,637	28,184	38,463	44,627	49,625	47,838
Florida	10,900	27,046	64,819	75,003	108,892	144,419	157,296
Georgia	31,377	145,190	240,391	298,237	346,296	400,832	460,576
Idaho	1,600	3,863	19,500	21,962	51,137	* 65,039	74,607
Illinois	341,686	431,638	538,310	737,576	779,040	974,495	962,252
Indiana	295,071	321,650	342,278	429,566	420,780	463,920	623,087
Iowa	211,562	259,826	306,309	373,474	363,178	396,143	395,596
Kansas	52,991	137,660	243,300	261,783	291,326	311,267	268,236
Kentucky	129,866	178,000	225,739	310,339	315,196	354,147	314,992
Louisiana	140,500	154,900	87,536	146,323	182,659	235,933	233,422
Maine	100,392	103,115	98,364	97,697	106,955	116,569	113,735
Maryland	66,435	86,778	102,351	134,400	145,762	169,306	161,772
Massachusetts	201,750	233,127	273,910	366,136	444,090	508,668	518,231
Michigan	193,000	240,000	282,000	355,226	443,458	504,979	523,466
Minnesota	50,694	178,400	127,025	243,224	348,500	365,432	373,760
Mississippi	190,000	156,781	207,704	224,526	261,384	* 301,922	345,962
Missouri	187,024	281,000	394,627	480,012	490,390	528,436	806,970
Montana	1,100	13,000	10,598	126,300	41,314	75,241	90,298
Nebraska	14,300	60,156	146,136	181,674	191,076	216,264	214,377
Nevada	1,800	5,401	5,064	4,698	17,400	10,043	10,430
New Hampshire	48,150	48,966	41,526	47,276	50,101	54,488	52,697
New Jersey	86,812	115,194	133,286	207,947	324,239	421,884	423,750
New Mexico	1,880	3,180	13,000	22,433	37,389	51,674	56,378
New York	483,648	573,089	642,984	887,468	1,122,649	1,318,605	1,299,535
North Carolina	173,000	170,100	203,100	206,918	331,335	446,191	414,579
North Dakota	1,040	18,530	20,694	43,500	90,149	* 104,996	119,375
Ohio	432,452	476,279	549,269	616,365	648,544	708,451	849,287
Oklahoma				63,718	278,650	326,063	333,514
Oregon	15,000	27,435	43,333	64,411	108,553	127,602	130,564
Pennsylvania	567,188	601,627	682,941	864,640	1,001,464	1,212,157	1,227,921
Rhode Island	22,483	27,217	33,906	47,124	61,487	71,613	72,264
South Carolina	144,700	190,600	147,799	201,386	243,901	279,071	255,816
South Dakota	(1)	(1)	48,327	68,000	80,032	93,637	90,476
Tennessee	189,000	208,528	223,548	338,566	363,653	430,480	406,044
Texas	141,000	132,000	291,941	436,779	544,691	691,605	788,391
Utah	12,819	17,128	20,937	50,595	66,246	88,052	86,966
Vermont	44,100	48,606	45,837	47,020	52,104	52,898	49,731
Virginia	77,402	128,304	198,290	216,464	259,394	336,317	326,296
Washington	13,300	10,546	36,946	74,717	156,064	191,441	194,833
West Virginia	51,336	91,604	121,700	151,354	189,900	228,889	222,523
Wisconsin	132,000	186,000	200,457	306,800	330,429	371,464	356,455
Wyoming	1,260	1,920	14,700	19,660	16,730	24,364	30,619
<i>Outlying Possessions.</i>							
Alaska							2,601
Hawaii							23,710
Canal Zone						26,600	1,963
Phil. Islands						1,501	1,963
Porto Rico						526,711	521,377
						120,000	106,466

\* Statistics of 1914-15.

† Approximate.

‡ High-school attendance not reported.

\* Statistics of 1912-13.

† Included in North Dakota.

TABLE 28.—Enrollment of pupils by grades in kindergartens and first to fourth grade in 23 States, 1917-18.

States.	Pupils in kindergartens.			Pupils in first grade.			Pupils in second grade.			Pupils in third grade.			Pupils in fourth grade.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16
California.....	13,251	14,069	27,320	47,720	41,811	89,531	30,250	26,934	57,184	29,968	27,965	57,933	28,799	27,203	56,002
Connecticut.....	1,990	2,099	4,089	4,827	4,230	9,057	3,028	3,329	6,357	3,402	3,456	6,858	3,171	3,285	6,456
District of Columbia.....	1,990	2,099	4,089	4,827	4,230	9,057	3,028	3,329	6,357	3,402	3,456	6,858	3,171	3,285	6,456
Florida.....	1,990	2,099	4,089	4,827	4,230	9,057	3,028	3,329	6,357	3,402	3,456	6,858	3,171	3,285	6,456
Georgia.....	1,990	2,099	4,089	4,827	4,230	9,057	3,028	3,329	6,357	3,402	3,456	6,858	3,171	3,285	6,456
Illinois.....	22,239	21,271	43,510	92,527	83,617	176,144	63,478	59,037	122,515	61,425	58,929	120,354	64,226	61,539	125,765
Indiana.....	11,325	11,992	23,317	9,026	8,200	17,226	6,447	5,907	12,354	6,449	5,929	12,378	6,392	6,123	12,515
Kentucky.....	1,238	1,238	2,476	52,311	52,311	104,622	32,784	32,784	65,568	32,784	32,784	65,568	32,784	32,784	65,568
Maryland.....	17,316	17,316	34,632	73,921	73,921	147,842	62,736	62,736	125,472	62,736	62,736	125,472	62,736	62,736	125,472
Massachusetts.....	100	200	300	16,186	16,485	32,671	9,965	10,330	20,295	8,275	10,417	18,692	7,686	10,383	18,069
Montana.....	100	200	300	16,186	16,485	32,671	9,965	10,330	20,295	8,275	10,417	18,692	7,686	10,383	18,069
North Carolina.....	100	200	300	16,186	16,485	32,671	9,965	10,330	20,295	8,275	10,417	18,692	7,686	10,383	18,069
North Dakota.....	100	200	300	16,186	16,485	32,671	9,965	10,330	20,295	8,275	10,417	18,692	7,686	10,383	18,069
Ohio.....	100	200	300	16,186	16,485	32,671	9,965	10,330	20,295	8,275	10,417	18,692	7,686	10,383	18,069
Oregon.....	100	200	300	16,186	16,485	32,671	9,965	10,330	20,295	8,275	10,417	18,692	7,686	10,383	18,069
South Carolina.....	100	200	300	16,186	16,485	32,671	9,965	10,330	20,295	8,275	10,417	18,692	7,686	10,383	18,069
Tennessee.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
Texas.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
Utah.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
Washington.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
West Virginia.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
Wisconsin.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
Unaffiliated Possessions.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
Alaska.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
Hawaii.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
Canal Zone.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
Philippine Islands.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870
Porto Rico.....	1,573	1,551	3,124	125,724	111,928	237,652	72,405	64,944	137,349	67,792	66,171	133,963	61,999	62,871	124,870

1 In chart.

2 Includes special and upgraded pupils.

3 Only 37 counties reported enrollment by grades.

4 Partly estimated for elementary grades.



TABLE 29.—Enrollment of pupils by grades in fifth to ninth grade in 23 States, 1917-18.

States.	Pupils in fifth grade.			Pupils in sixth grade.			Pupils in seventh grade.			Pupils in eighth grade.			Pupils in ninth grade.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
California.....	37,281	25,211	52,492	24,596	23,209	47,805	22,576	21,330	43,906	20,816	22,461	43,277			
Connecticut.....			22,964	2,543	2,854	5,396	2,029	2,578	4,607	1,698	2,220	3,908			
District of Columbia.....	2,994	3,248	6,242	2,543	2,854	5,396	2,029	2,578	4,607	1,698	2,220	3,908			
Florida.....	18,224		18,224			14,363			10,735			8,812			
Georgia.....	64,152		64,152			46,528			35,476			18,736			
Illinois.....	52,280	50,584	102,864	55,606	55,952	111,558	37,763	39,748	77,511	41,208	46,508	87,716			
Indiana.....	61,735		61,735			54,699			47,446			43,136			
Kentucky.....	16,475		16,475			46,982			36,538			34,330			
Maine.....	11,372		11,372			10,371			9,568			8,400			
Maryland.....	5,591	5,781	11,372	5,456	5,415	10,871	4,640	4,928	9,568	3,976	4,424	8,400	11,787	1,049	13,736
Massachusetts.....	58,664		58,664			51,806			43,536			39,664			
Michigan.....	9,949	4,928	14,877	4,674	4,638	9,312	3,993	4,268	8,261	3,444	3,776	7,220			
North Carolina.....	66,335		66,335			49,845			35,924			11,479			
North Dakota.....	16,008		16,008	6,263	8,278	13,481	4,936	6,402	11,428	4,978	6,501	11,479			
Ohio.....	104,815		104,815			91,855			78,545			68,078			
Oregon.....	7,783	7,405	15,188	7,277	6,946	14,223	6,555	6,599	13,124	6,031	6,420	12,454			
South Carolina.....	34,079		34,079			26,300			18,132			12,454			
Tennessee.....	54,726		54,726			44,077			32,935			25,453			
Texas.....	51,458	56,217	107,675	40,582	44,905	85,487	30,568	37,643	68,211			25,453			
Utah.....	12,980		12,980			10,994			9,608			7,972			
Washington.....	37,998		37,998			25,764			23,632			21,751			
West Virginia.....	33,173		33,173	12,095	13,272	25,367	9,086	10,600	19,686	8,313	10,946	19,239			
Wisconsin.....	43,811		43,811			39,242			34,743			31,588			
<i>Oceania, Possessions.</i>															
Alaska.....	168	179	347	137	126	263	120	118	238	84	99	183			
Hawaii.....	1,854	1,605	3,459	1,562	1,311	2,873	1,050	719	1,796	692	407	1,180			
Canal Zone.....	245		245			234			135			100			
Philippine Islands.....	21,777	9,345	31,122	13,743	6,296	19,032	10,251	3,968	14,152	(*)	(*)	(*)			
Porto Rico.....	3,515	3,115	6,630	2,323	1,847	4,170	1,546	1,486	3,032	1,356	1,321	2,677			

\* No report on number in eighth grade.

† Ninth and tenth grades.



TABLE 30.—Enrollment of pupils by grades in high school in 23 States, 1917-18.

States.	Students in first year.			Students in second year.			Students in third year.			Students in fourth year.			Students in junior college and postgraduate high school.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16
California.....	26,331	31,925	58,456	10,758	14,478	25,236	6,889	9,404	16,293	5,320	7,943	13,263	554	1,103	1,717
Connecticut.....	1,394	1,747	3,141	863	1,075	1,938	548	638	1,184	404	580	984	119	418	537
District of Columbia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	21,358	24,870	46,228	13,691	17,831	31,522	8,148	10,460	18,598	6,679	9,174	15,853	.....	.....	.....
Iodiana.....	3,973	6,529	10,502	2,169	3,375	5,544	1,805	2,275	4,080	1,066	1,564	2,630	.....	.....	.....
Kentucky.....	3,720	4,710	8,430	2,605	3,705	6,311	1,967	2,837	4,804	1,577	2,501	4,078	.....	.....	.....
Maine.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	2,226	2,948	5,174	1,222	1,831	3,053	845	1,204	2,049	575	830	1,405	.....	.....	.....
Michigan.....	3,460	4,188	7,648	2,049	2,890	4,939	1,349	2,133	3,482	647	1,226	1,873	.....	.....	.....
Minnesota.....	2,101	4,904	7,005	976	1,447	2,423	683	760	1,443	483	648	1,131	.....	.....	.....
Missouri.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	3,715	4,970	8,685	2,563	3,505	6,068	1,687	2,357	4,044	1,208	1,680	2,888	.....	.....	.....
North Carolina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Dakota.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas.....	21,088	26,904	48,092	12,309	16,097	28,406	7,435	10,154	17,589	4,306	7,166	11,471	.....	.....	.....
Utah.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	3,042	3,886	6,928	1,676	2,411	4,087	1,117	1,662	2,779	828	1,314	4,093	.....	.....	.....
Wyoming.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Overlying Possessions:</b>															
Alaska.....	55	70	125	27	52	79	21	30	51	15	22	37	63	291	358
Hawaii.....	682	278	960	277	111	388	208	83	291	139	55	181	.....	.....	.....
Canal Zone.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philippine Islands.....	6,305	1,779	8,084	2,818	597	3,415	1,512	238	1,750	1,084	186	1,290	.....	.....	.....
Porto Rico.....	726	1,729	2,455	400	488	888	267	334	601	131	201	332	.....	.....	.....

Includes secondary students in private schools.

TABLE 31.—Total enrollment of pupils in kindergartens and elementary grades and in secondary grades in 23 States.

States.	Total kindergarten and elementary.				Total secondary.				Grand total.				
	Boys.		Girls.		Boys.		Girls.		Total.		Boys.	Girls.	Total.
	2	3	4	Total.	5	6	7	Total.	8	9	10		
California.....	245,257	260,323	475,580	1,114,965	150,052	64,913	215,005	265,309	265,309	265,309	265,309	530,618	
Connecticut.....	28,069	27,309	55,378	183,893	3,209	3,988	7,197	29,397	29,397	29,397	29,397	58,794	
District of Columbia.....			658,249	968,947	49,821	62,025	111,846	540,583	540,583	540,583	540,583	1,081,166	
Florida.....			494,601	619,356	8,713	12,743	21,456	641,012	641,012	641,012	641,012	1,282,024	
Georgia.....			122,737	209,460	9,870	13,853	23,723	74,501	74,501	74,501	74,501	149,002	
Hawaii.....			474,511	77,596	4,881	7,091	11,972	48,461	48,461	48,461	48,461	96,922	
Illinois.....	41,060	41,360	82,420	617,967	7,405	10,447	17,852	635,749	635,749	635,749	635,749	1,271,498	
Indiana.....	63,363	78,978	142,341	839,066	4,253	7,759	12,012	67,616	67,616	67,616	67,616	135,232	
Iowa.....			122,683	179,821	5,173	12,812	17,985	72,733	72,733	72,733	72,733	145,466	
Kentucky.....			376,604	553,280			28,598	384,467	384,467	384,467	384,467	768,934	
Louisiana.....	452,101	445,080	897,181	1,006,655	45,735	60,320	106,055	497,836	497,836	497,836	497,836	995,672	
Maine.....			99,127	100,036			10,036	100,036	100,036	100,036	100,036	200,072	
Maryland.....	150,255	147,672	297,927	396,914	6,661	9,223	15,884	156,916	156,916	156,916	156,916	313,832	
Massachusetts.....	1,542	1,504	3,046	183	1,28	183	311	1,670	1,670	1,670	1,670	3,340	
Michigan.....	21,053	18,768	39,821	2,107	2,138	4,245	22,634	22,634	22,634	22,634	22,634	45,268	
Minnesota.....	403,034	253,835	656,869	14,529	11,719	2,810	414,753	414,753	414,753	414,753	414,753	829,506	
Mississippi.....	75,336	69,214	144,550	3,346	1,584	1,762	75,020	75,020	75,020	75,020	75,020	150,040	
Montana.....													
Nebraska.....													
Nevada.....													
New Hampshire.....													
New Jersey.....													
New Mexico.....													
New York.....													
North Carolina.....													
North Dakota.....													
Ohio.....													
Oregon.....													
South Carolina.....													
Texas.....													
Tennessee.....													
Utah.....													
Vermont.....													
Virginia.....													
Washington.....													
West Virginia.....													
Wisconsin.....													
Wyoming.....													
Outlying Possessions.													
Alaska.....													
Hawaii.....													
Canal Zone.....													
Philippine Islands.....													
Porto Rico.....													

1 Does not include 4,191 boys and 9,022 girls in special day and evening schools.

2 Includes students in private secondary schools.

TABLE 32.—Enrollment of colored pupils by grades in kindergartens and first to fourth grade in eight States, 1917-18.

States.	Pupils in kindergartens.			Pupils in first grade.			Pupils in second grade.			Pupils in third grade.			Pupils in fourth grade.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
District of Columbia.....	580	650	1,230	1,705	1,579	3,284	1,223	1,115	2,338	1,063	1,108	2,171	846	1,066	1,914
Florida.....			14,757			11,438			9,121			8,079			6,316
Georgia.....						97,257			56,116			41,292			31,372
Kentucky.....						14,124			7,489			6,929			6,437
North Carolina.....						80,336			34,841			30,385			26,603
North Carolina <sup>1</sup> .....						82,572			34,861			27,367			21,877
Texas.....	24	14	38	32,568	20,772	61,840	14,745	14,138	28,883	13,174	14,328	27,502	10,658	11,753	21,809
West Virginia.....				2,515	2,379	4,894	1,037	1,065	2,102	859	1,077	1,936	939	1,076	2,015

<sup>1</sup> Partly estimated, as some counties did not report by grades.

TABLE 33.—Enrollment of colored pupils by grades in fifth to eighth grade in eight States, 1917-18.

States.	Pupils in fifth grade.			Pupils in sixth grade.			Pupils in seventh grade.			Pupils in eighth grade.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13
Dist. of Columbia.....	694	1,034	1,728	533	781	1,314	434	685	1,099	328	585	913
Florida.....			3,874			1,954			945			505
Georgia.....			21,802			10,650			5,259			1,160
Kentucky.....			5,003			3,496			2,449			2,053
North Carolina.....			16,719			8,338			3,633			
South Carolina.....			15,606			10,202			4,240			
Texas.....	7,030	9,393	16,423	4,263	6,656	10,949	2,679	4,588	7,267			
West Virginia.....	607	782	1,389	491	614	1,105	271	408	679	206	310	516

TABLE 34.—Enrollment of colored pupils by grades in high school in eight States, 1917-18.

States.	Students in first year.			Students in second year.			Students in third year.			Students in fourth year.			Students in post-graduate high schools.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Dist. Columbia.....	294	546	840	173	251	424	102	156	258	64	127	191	47	254	301
Florida.....			213			165			56			29			
Georgia.....			334			161			17			11			
Kentucky.....			537			382			207			98			
North Carolina.....															
South Carolina.....			1,777			984			390			34			
Texas.....	1,002	2,029	3,031	778	965	1,743	357	793	1,150	262	400	662			
West Virginia.....	37	85	122	24	77	101	27	48	75	13	15	28			

† None reported.

TABLE 35.—Enrollment of colored students in kindergartens and elementary grades and in secondary grades in eight States, 1917-18.

States.	Total kindergarten and elementary.			Total secondary.			Grand total.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
1	2	3	4	5	6	7	8	9	10
Dist. Columbia.....	7,408	8,583	15,991	680	1,334	2,014	8,088	9,017	18,005
Florida.....			56,990			463			57,452
Georgia.....			263,008			523			263,531
Kentucky.....			47,985			1,224			49,209
North Carolina.....			200,855						200,855
South Carolina.....			196,605			3,175			199,780
Texas.....	84,569	90,192	174,761	2,399	4,187	6,586	86,968	94,379	181,347
West Virginia.....	7,026	7,711	14,736	101	225	326	7,126	7,936	15,062

TABLE 36.—Average length of school term and school attendance.

States.	Average number of days the schools were in session, 1871-1918.										Average number of days attended by each pupil enrolled, 1918.	Average days attended by each child 5 to 18 years, 1918.	Per cent of school population 18 years in daily attendance, 1918.	Number attending daily for each 100 enrolled, 1918.	
	1917-18														
	1870-71	1870-80	1880-90	1890-1900	1900-10	1915-10	Kindergarten schools.	Elementary schools.	Secondary schools.	All schools.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Continental United States.															
Alabama	132	130	135	144	158	160	173.8	154.4	170.4	160.7	110.8	90.2	58.2	74.6	
Arizona	67	81	74	78	117	135	135	123	140	124	71.6	55.5	44.9	59.5	
Arkansas	109	109	126	125	136	150	150	160	187	162	84.6	100.6	102.1	60.8	
California	123	117	155	168	175	178	175	171	190	172	78.0	63.9	53.2	65.0	
Colorado	92	132	144	150	156	167	175	171	190	188	113.5	97.6	86.1	68.7	
Connecticut	172	179	183	199	185	183	181	181	184	181	142.0	117.4	94.7	78.3	
Delaware	132	158	166	170	173	171	171	163	180	194	108.7	75.2	45.9	66.3	
District of Columbia	200	193	178	179	181	178	173	173	172	173	134.4	111.0	64.1	77.7	
Florida	120	106	100	93	106	130	128	128	161	130	90.9	66.2	50.9	69.9	
Georgia	59	65	83	112	144	137	135	135	175	138	63.8	48.0	49.1	67.7	
Idaho	45	94	70	106	137	155	155	156	189	160	106.8	81.8	61.2	71.2	
Illinois	147	150	155	152	171	164	164	156	189	159	140.0	84.8	61.0	88.4	
Indiana	99	138	130	132	147	155	155	154	165	155	140.0	113.9	73.3	92.7	
Iowa	130	148	156	160	172	170	170	170	180	172	134.2	120.1	67.8	74.6	
Kansas	116	120	133	126	164	164	164	170	180	172	122.0	96.7	58.2	71.1	
Kentucky	110	102	94	118	125	144	144	144	157	150	88.3	66.6	44.5	59.1	
Louisiana	85	79	101	120	130	135	135	134	157	130	97.5	53.8	39.5	71.6	
Maine	183	107	112	112	150	171	172	168	179	169	136.5	107.3	63.5	80.8	
Maryland	183	187	184	183	185	185	185	170	175	170	117.3	75.9	44.5	68.8	
Massachusetts	169	177	177	199	196	182	182	176	170	176	141.5	104.4	60.0	82.2	
Michigan	140	150	156	164	171	172	172	176	170	172	137.2	110.7	67.5	79.8	
Minnesota	83	94	128	169	149	168	168	136	175	169	129.3	99.4	68.8	76.5	
Mississippi	110	75	96	101	123	123	123	136	175	138	88.4	73.4	53.1	64.0	
Missouri	90	104	129	144	155	162	162	162	165	165	125.9	92.9	72.0	86.2	
Montana	89	90	143	107	165	177	177	149	173	132	112.8	131.4	86.2	74.0	

STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918.

Michigan.....	72	93	140	135	171	164	179	172	182	185	115.0	100.6	80.9	71.5
Nevada.....	112	143	140	154	145	166	170	170	170	171	122.0	94.5	55.2	41.8
New Hampshire.....	170	165	160	188	184	172	179	172	182	185	138.7	104.5	57.2	28.8
New Jersey.....	179	192	162	188	184	172	179	172	182	185	138.5	104.5	57.2	28.8
New Mexico.....	111	111	87	97	100	143	179	172	182	185	102.1	69.1	44.5	68.8
New York.....	176	179	187	175	188	190	187	187	187	187	145.4	100.1	53.7	77.9
North Carolina.....	150	50	50	71	102	124	124	124	124	123	80.1	64.1	52.4	65.4
North Dakota.....	175	113	113	156	147	173	173	173	173	168	119.1	80.9	53.6	71.0
Ohio.....	165	152	162	165	170	175	175	163	160	163	145.5	110.9	64.1	86.2
Oklahoma.....	165	152	162	165	170	175	175	156	167	157	94.7	71.5	45.7	60.5
Oregon.....	190	90	118	117	138	151	151	138	168	183	164.2	122.8	67.1	89.7
Pennsylvania.....	127	133	148	167	170	173	173	167	183	179	141.8	98.0	56.0	81.1
Rhode Island.....	170	184	198	191	193	194	194	183	195	193	151.8	94.5	49.0	73.7
South Carolina.....	100	70	70	88	105	109	109	105	113	113	73.2	52.1	46.1	64.9
South Dakota.....	(9)	(9)	145	129	166	170	170	166	186	186	121.6	82.7	44.4	65.3
Tennessee.....	177	68	88	98	130	124	124	138	168	140	96.0	81.4	58.2	68.7
Texas.....	140	72	100	108	131	155	155	146	168	146	104.7	70.8	54.7	71.7
Utah.....	152	128	133	151	165	163	163	169	165	169	131.8	110.2	65.3	78.0
Vermont.....	116	126	136	156	160	175	175	169	165	171	137.1	99.8	58.3	80.2
Virginia.....	93	113	118	120	140	141	141	148	169	141	95.8	68.0	48.0	67.8
Washington.....	180	191	97	128	172	172	183	174	177	174	120.3	93.4	53.4	74.1
West Virginia.....	77	90	97	106	131	135	135	131	175	133	93.6	71.3	53.4	70.2
Wisconsin.....	155	165	166	160	180	174	174	180	180	178	141.0	90.4	50.8	79.3
Wyoming.....	119	119	120	110	141	153	153	148	169	150	120.1	117.0	77.9	81.0
<b>Outlying Possessions:</b>														
Alaska.....														
Hawaii.....														
Samoa.....														
Philippine Islands.....														
Puerto Rico.....														

\* Statistics of 1914-15.  
 † In 5 States only.  
 ‡ In 27 States only.

\* Approximate.  
 † Statistics of 1912-13.  
 ‡ Estimated.

\* Statistics of 1914-15.  
 † In 5 States only.  
 ‡ In 27 States only.

\* Approximate.  
 † Statistics of 1912-13.  
 ‡ Estimated.

TABLE 37.—Administrative officers, supervisors, and principals (not reported as teachers in Table 36), 1917-18.

States.	Administrative officers and assistants (superintendents).						Supervisors of instruction (not teaching more than half-time).						Principals (not teaching more than half-time).					
	State officers.	District superintendents.	Township superintendents.	County superintendents.	City superintendents.	Total.	Kindergarten.	Elementary school.	Second-ary school (and vocational).	Total.	Kindergarten.	Elementary school.	Second-ary school (and vocational).	Total.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
Continental United States:	17	1,077	417	3,130	4,179	9,180	115	1,432	527	5,119	250	4,877	3,514	12,591				
Alabama.....	7	47	67	67	47	121	6	69	69	75	6	69	69	132				
Arizona.....	2	21	34	32	34	39	6	170	170	178	6	170	170	296				
Arkansas.....	7	37	39	58	35	112	6	170	170	178	6	170	170	296				
California.....	19	58	63	63	67	132	6	170	170	178	6	170	170	296				
Colorado.....	2	67	63	63	67	132	6	170	170	178	6	170	170	296				
Connecticut.....	12	3	36	55	55	106	2	16	16	18	2	16	16	152				
Delaware.....	2	3	3	3	2	7	2	16	16	18	2	16	16	152				
District of Columbia.....	1	5	5	5	5	15	2	16	16	18	2	16	16	152				
Florida.....	6	53	53	53	53	106	30	65	65	95	30	65	65	223				
Georgia.....	3	137	137	137	137	274	30	65	65	95	30	65	65	223				
Idaho.....	3	41	93	41	93	137	30	65	65	95	30	65	65	223				
Illinois.....	8	148	148	148	192	348	30	65	65	95	30	65	65	223				
Indiana.....	7	214	214	214	214	428	30	65	65	95	30	65	65	223				
Iowa.....	7	92	92	92	115	207	30	65	65	95	30	65	65	223				
Kansas.....	9	99	99	99	105	204	30	65	65	95	30	65	65	223				
Kentucky.....	8	105	105	105	105	210	30	65	65	95	30	65	65	223				
Louisiana.....	10	193	193	193	35	228	30	65	65	95	30	65	65	223				
Maine.....	8	67	67	67	6	73	30	65	65	95	30	65	65	223				
Maryland.....	8	8	8	8	8	24	30	65	65	95	30	65	65	223				
Massachusetts.....	9	25	25	25	32	62	30	65	65	95	30	65	65	223				
Michigan.....	24	79	79	79	32	111	30	65	65	95	30	65	65	223				
Minnesota.....	6	53	53	53	550	639	100	469	157	726	483	390	390	883				
Mississippi.....	16	83	83	83	12	95	30	65	65	95	30	65	65	223				
Missouri.....	18	73	73	73	29	102	30	65	65	95	30	65	65	223				
Montana.....	4	114	114	114	73	187	1	84	17	52	83	42	42	125				
	4	46	46	46	207	253	1	84	17	52	83	42	42	125				





TABLE 38.—Number and sex of teachers employed, not including superintendents, supervisors, and principals when separately reported, 1917-18.

States.	Kinder- garden teachers.	Elementary.			Secondary. <sup>1</sup>			Total.		Total num- ber of teaching positions. <sup>2</sup>
		Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	
Continental United States.....	1,537	75,448	490,736	562,184	29,731	55,259	84,988	105,194	545,515	650,799
Alabama.....		2,463	9,073	11,766	264	432	796	2,957	9,645	12,562
Arizona.....		1,175	1,802	3,000	70	185	255	89	245	2,048
Arkansas.....		4,195	7,221	11,416	226	366	592	4,421	7,587	9,898
California.....	368	4,428	11,947	12,375	1,587	2,928	4,515	2,015	15,261	17,276
Colorado.....		223	5,944	6,167	1,338	714	2,052	581	6,658	6,998
Connecticut.....		125	5,774	5,999	280	784	1,018	405	6,512	6,917
Delaware.....		50	880	930	49	82	131	89	1,062	1,081
Dist. Columbia.....	157	5	1,745	1,810	188	244	352	1,738	1,838	1,838
Florida.....		1,122	11,639	13,393	885	758	1,683	2,677	12,377	15,084
Georgia.....		1,762	11,639	13,421	885	758	1,683	2,677	12,377	15,084
Idaho.....		498	2,935	3,273	213	431	644	651	3,196	3,847
Illinois.....		2,510	26,667	29,177	2,146	2,830	4,476	4,656	28,937	33,633
Indiana.....		5,326	8,885	14,221	1,848	2,320	2,769	6,237	10,743	16,990
Iowa.....		1,579	22,631	24,210	875	2,547	3,422	2,454	27,632	23,560
Kansas.....		1,315	12,057	13,372	1,038	1,948	3,026	2,353	14,045	16,396
Kentucky.....		3,875	8,799	12,674	539	958	1,397	4,414	9,657	13,342
Louisiana.....		1,051	5,941	6,942	258	684	942	1,319	6,969	8,370
Maine.....	122	340	5,923	6,223	314	632	906	614	7,189	5,853
Maryland.....	15	339	4,389	4,808	240	352	532	579	4,966	6,565
Massachusetts.....		685	13,855	14,580	1,464	3,038	4,462	2,080	16,918	19,002
Michigan.....	1,621	2,705	19,261	22,000	273	2,200	2,462	2,975	20,076	21,786
Minnesota.....		2,450	17,985	20,435	213	1,469	1,682	2,540	19,035	19,036
Missouri.....		2,346	8,224	10,570	211	1,422	1,633	2,540	11,613	13,026
Montana.....		3,212	14,798	18,010	910	1,747	2,657	4,122	16,545	20,667
Nebraska.....		325	4,560	4,855	320	576	866	645	5,136	5,781
Nevada.....		263	10,756	11,019	397	1,342	1,759	660	12,098	12,758
New York.....		47	558	605	44	86	130	01	644	754
New Hampshire.....		60	2,473	2,533	168	427	545	238	2,800	3,128
New Jersey.....	983	420	12,032	12,452	977	1,096	2,063	1,397	14,411	15,806
New Mexico.....		484	1,763	2,247	116	171	287	600	1,934	2,534

STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918.

New York	4,339	47,728	52,067	2,242	4,780	7,122	6,681	52,508	59,188	62,777
North Carolina	2,377	11,717	14,124	2,880	11,727	1,117	2,767	12,474	15,241	15,241
North Dakota	467	5,946	6,413	263	454	717	760	6,400	7,190	7,190
Ohio	4,489	24,136	29,626	2,817	3,710	12,627	7,307	27,948	30,838	30,838
Oklahoma	2,315	9,779	12,094	721	1,981	1,702	8,086	10,760	13,766	17,417
Oregon	644	4,777	5,421	373	676	1,049	1,017	5,453	6,470	6,470
Pennsylvania	6,352	35,817	38,859	2,286	3,208	5,424	7,418	36,315	44,333	44,333
Rhode Island	145	2,365	2,360	109	215	354	254	2,640	2,734	2,694
South Carolina	1,028	6,650	7,978	167	316	483	1,195	7,266	8,461	8,461
South Dakota	663	5,259	6,582	142	341	453	745	6,000	7,500	7,500
Tennessee	2,756	8,795	11,651	636	776	1,386	3,374	9,571	12,917	12,917
Texas	4,119	21,871	26,090	1,110	1,801	2,911	6,229	27,771	30,801	29,071
Utah	661	2,317	2,978	69	215	471	917	2,532	3,049	3,049
Vermont	54	2,536	2,980	69	316	385	123	2,852	3,453	3,453
Virginia	1,348	11,107	12,455	489	1,010	1,440	4,787	15,117	15,984	15,984
Washington	546	6,840	7,396	803	1,172	1,975	1,349	8,012	9,361	9,232
West Virginia	3,488	6,739	10,227	286	465	751	3,774	7,204	10,978	10,978
Wisconsin	727	12,665	13,352	915	1,895	2,810	1,642	15,103	16,745	16,745
Wyoming	93	1,616	1,709	52	130	130	145	1,746	1,891	1,891
<b>Outlying Possessions.</b>										
Alaska	11	101	112	9	24	33	20	125	145	145
Hawaii	19	53	95	7	8	68	108	458	1,083	1,083
Guam	18	53	57	7	8	15	61	61	60	60
Philippine Islands	7,201	4,036	11,521	441	501	915	7,652	4,580	12,152	12,152
Porto Rico	834	1,715	2,549	75	91	109	893	1,800	2,715	2,715

- 1 Includes teachers in local normal schools and in vocational schools.
- 2 Assumed to be equal to the number of different teachers when exact reports were not made. It does not include supervisory positions.
- 3 Includes 15 men.
- 4 In addition, 72 men and 115 women teachers were employed in evening schools.
- 5 Teachers in service Jan. 1, 1918.
- 6 Includes 815 teachers in vocational schools.
- 7 In addition, 1,245 elementary and 653 secondary teachers were employed in evening schools and 380 teachers in vocational schools.
- 8 Teaching positions.
- 9 Includes 282 men teachers in vocational schools.
- 10 Includes 149 men and 167 women teachers in evening schools.
- 11 Includes 134 teachers in elementary positions in vocational schools.
- 12 Includes 83 men and 73 women teachers in vocational schools.

TABLE 39.—Salaries of teachers and percentage of men teachers.

States.	Average annual salaries of teachers, 1917-18.			Percentage of men teachers.						
	In elementary schools.	In secondary schools.	In all schools.	1870-71	1879-80	1889-90	1899-1900	1909-10	1915-16	1917-18
1	2	3	4	5	6	7	8	9	10	11
Continental United States.....	\$ 806	\$1,031	\$635	41.0	42.8	34.5	29.9	21.1	19.8	16.1
Alabama.....			\$ 345	66.8	63.8	62.9	30.1	35.0	29.1	23.5
Arizona.....			\$ 952		47.5	38.8	27.3	17.0	19.7	11.9
Arkansas.....			\$ 387	75.6	78.4	68.5	50.7	47.0	44.8	36.8
California.....	891	1,355	1,012	40.0	33.6	21.4	17.8	13.8	15.0	11.7
Colorado.....			\$ 749	48.8	36.4	26.2	20.9	15.6	16.0	7.8
Connecticut.....	696	1,027	745	22.1	22.8	13.4	9.0	6.2	6.4	5.9
Delaware.....			\$ 561	29.9	46.6	31.0	25.3	13.7	12.2	9.3
Dist. Columbia.....	879	1,730	1,052	8.2	7.8	13.0	13.1	11.5	12.4	11.8
Florida.....	361	694	383	65.7	61.6	48.0	36.9	25.7	23.6	19.2
Georgia.....	314	799	366	71.4	65.2	53.3	44.0	24.4	20.2	17.8
Idaho.....			\$ 685	64.3	57.4	33.4	31.2	25.5	22.1	16.9
Illinois.....			778	43.5	39.7	32.5	26.4	18.5	15.6	13.8
Indiana.....	539	835	587	60.5	57.5	51.1	46.2	35.7	31.6	24.8
Iowa.....			\$ 578	39.0	33.6	20.6	17.2	9.8	10.5	8.9
Kansas.....			513	47.2	45.1	40.8	32.7	18.0	18.4	14.3
Kentucky.....			\$ 364	66.0	64.6	49.8	45.5	41.7	34.1	31.4
Louisiana.....	435	750	471	50.9	46.1	44.7	47.9	21.4	20.1	16.7
Maine.....	406	652	443	24.4	27.2	16.0	16.4	11.2	11.4	8.5
Maryland.....			687	45.0	42.6	37.8	31.7	17.1	15.0	10.8
Massachusetts.....	\$ 809	\$ 1,248	\$ 858	12.7	13.2	9.8	8.8	9.1	10.2	11.0
Michigan.....			\$ 663	26.3	29.2	22.3	20.3	14.0	14.3	12.9
Minnesota.....			\$ 651	33.7	35.9	23.9	19.4	12.0	11.0	9.6
Mississippi.....			291	60.8	61.2	49.6	44.2	31.0	26.7	22.0
Missouri.....			\$ 651	65.3	58.1	44.4	37.6	26.4	24.3	19.9
Montana.....			670	60.3	38.5	22.9	16.6	12.0	14.4	11.2
Nebraska.....			\$ 562	51.9	40.7	27.1	21.8	11.9	11.9	8.2
Nevada.....			\$ 874	32.4	46.7	16.3	11.1	10.8	14.3	12.4
New Hampshire.....			\$ 548	15.0	16.8	9.8	8.9	7.1	8.7	7.3
New Jersey.....			\$ 911	32.5	28.5	18.4	12.9	12.3	14.4	8.8
New Mexico.....	491	724	500	91.7	78.0	62.2	55.2	34.4	33.3	23.7
New York.....			976	22.9	26.0	16.9	14.9	11.7	11.9	11.3
North Carolina.....			284	73.2	71.3	59.1	49.4	28.5	23.5	18.2
North Dakota.....			\$ 578	24.7	40.8	28.3	28.8	17.4	16.4	10.6
Ohio.....	699	936	744	43.3	47.8	43.1	40.4	31.1	24.7	20.8
Oklahoma.....	(*)	(*)	\$ 571				42.8	26.2	20.8	22.0
Oregon.....			\$ 702	51.7	48.3	43.3	28.4	19.4	19.6	15.7
Pennsylvania.....			702	42.8	45.5	34.2	32.0	22.6	21.4	17.6
Rhode Island.....			\$ 602	30.4	20.2	12.6	9.5	8.9	8.4	8.7
South Carolina.....			\$ 315	62.4	50.5	40.6	43.5	23.1	20.6	14.1
South Dakota.....	478	884	504	(*)	(*)	29.0	24.4	16.6	14.6	10.1
Tennessee.....			\$ 370	75.0	74.4	61.8	54.0	37.0	32.3	26.1
Texas.....			\$ 487	77.3	75.0	61.1	48.9	30.8	28.4	18.0
Utah.....	673	1,270	754	55.0	54.5	46.6	36.5	26.6	28.3	24.6
Vermont.....	420	728	467	16.5	16.8	12.0	13.6	8.9	7.6	4.1
Virginia.....			\$ 385	64.5	61.8	41.5	31.5	19.9	16.4	12.9
Washington.....	883	1,066	922	46.5	37.4	40.6	28.9	20.0	20.3	14.4
West Virginia.....	385	723	408	79.0	75.2	63.4	57.9	48.0	43.4	34.4
Wisconsin.....			\$ 521	28.8	28.9	19.8	18.4	11.8	10.8	9.8
Wyoming.....	562	725	578	28.6	44.3	22.4	15.6	12.8	14.4	7.7
Outlying Possessions.....										
Alaska.....	961	1,302	1,032							13.8
Hawaii.....			887						17.1	9.9
Canal Zone.....	944	1,484	1,038						24.6	20.1
Philippine Islands.....									68.8	62.7
Porto Rico.....	441	702	456						39.1	33.5

\* Statistics of 1914-15.  
 † In 16 States and the District of Columbia only.  
 ‡ Includes salaries of supervisory and principals.  
 § Includes salaries of principals.  
 ¶ Includes salaries of superintendents, supervisors, and principals.  
 \*\* Estimated.  
 †† Statistics of 1912-13.  
 ‡‡ Includes salaries of part-time high-school teachers.  
 §§ Distribution between elementary and secondary unreliable.  
 ¶¶ Includes salaries of supervisors.  
 ††† Included in North Dakota.

TABLE 40.—Schools and school buildings, 1917-18.

States.	Number of schools (not rooms).				Consolidated schools.			One-room school-houses used.	School buildings used.			School buildings in cities. <sup>1</sup>	Rural school buildings.	
	Kindergarten.	Elementary schools.	Secondary schools.	Total.	Established this year.	Total number.	For elementary schools.		For secondary schools exclusively.	Total.				
											2			3
1														
Continental United States.....				277,734	511	8,404	195,400	276,827	18,974	287,803				
Alabama.....		6,072	113	6,785			3,861							
Arizona.....		694	29	940		5	337							
Arkansas.....		3,443	311	3,754		49	5,120							
California.....				3,089		6	2,374							
Colorado.....				1,322			2,222							
Connecticut.....	222	1,127	73	1,422			711							
Delaware.....		454	31	485		1	321							
Dist. Columbia.....		140	12	152		0	3							
Florida.....		2,865	94	2,979		0	1,978							
Georgia.....		8,301	202	8,503		35	5,311							
Idaho.....	0	1,733	235	1,968		13	1,005							
Illinois.....	41	12,000	840	12,881		13	11,000							
Indiana.....		5,398	815	6,213		328	5,396							
Iowa.....		12,183	834	13,017		4	11,340							
Kansas.....		8,096	643	8,739		109	7,720							
Kentucky.....		8,298	390	8,678			7,206							
Lebanon.....	18	2,464	184	2,666		48	1,641							
Maine.....	85	2,659	174	2,918		145	2,283							
Maryland.....	12	2,392	75	2,479			1,891							
Massachusetts.....				8,678			7,206							
Michigan.....	835	7,500	534	8,869		8,184	7,306							
Minnesota.....		9,074	233	9,267		22	8,231							
Mississippi.....		7,026	240	7,294		28	4,371							
Missouri.....				9,607		117	9,000							
Montana.....				3,006		0	2,793							

<sup>1</sup> Includes all buildings in cities having 5,000 population and over and in 601 smaller cities having a population from 2,500 to 5,000 in 1910.

\* Estimated.

† Schools having three or more teachers.

TABLE 40.—Schools and school buildings, 1917-1918—Continued.

States.	Number of schools (not rooms).				Consolidated schools.			Schools buildings used.				Rural school buildings in cities. <sup>1</sup>
	Kindergarten.	Elementary schools.	Secondary schools.	Total.	Established this year.	Total number.	One-room school-houses used.	For elementary schools.		For secondary schools exclusively.	Total.	
								9	10			
1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama.....	.....	7,216	422	7,638	21	62	6,638	.....	.....	7,681	168	7,849
Alaska.....	.....	373	41	414	3	7	311	.....	.....	399	12	411
Arizona.....	.....	1,960	180	2,140	.....	.....	1,960	1,575	.....	1,575	216	1,791
Arkansas.....	.....	1,246	47	1,293	9	87	748	1,338	48	2,186	686	1,500
California.....	.....	11,073	738	11,811	21	202	7,800	.....	.....	11,681	1,518	13,199
Colorado.....	.....	7,920	609	8,529	43	600	4,681	8,077	25	8,102	198	8,300
Connecticut.....	.....	6,165	145	6,310	46	417	4,200	5,165	87	5,252	187	5,439
Delaware.....	.....	10,908	587	11,495	45	656	8,320	10,908	587	11,475	1,110	12,585
District of Columbia.....	.....	6,710	132	6,842	31	147	4,803	6,730	132	6,862	188	7,050
Florida.....	.....	2,720	102	2,822	.....	64	1,960	.....	.....	2,468	181	2,649
Georgia.....	.....	525	22	547	.....	.....	9,840	.....	.....	15,370	1,720	17,090
Idaho.....	.....	4,772	50	4,822	17	496	2,313	.....	.....	4,772	91	4,863
Illinois.....	.....	6,401	210	6,611	10	41	6,117	.....	.....	6,443	79	6,522
Indiana.....	.....	6,882	190	7,072	.....	.....	4,977	15,115	168	6,574	175	6,749
Iowa.....	.....	15,115	571	15,686	.....	.....	6,173	.....	.....	15,263	624	15,887
Kansas.....	.....	2,322	81	2,403	.....	.....	1,230	.....	.....	2,000	103	2,103
Kentucky.....	.....	3,524	375	3,899	56	.....	4,128	.....	.....	6,743	188	6,931
Louisiana.....	.....	3,524	519	4,043	17	235	1,761	3,524	19	3,543	282	3,825
Maine.....	.....	6,520	164	6,684	951	.....	5,566	6,520	46	6,566	168	6,734
Maryland.....	.....	7,628	377	8,005	24	.....	6,741	8,136	86	8,222	415	8,637
Massachusetts.....	.....	1,222	72	1,294	.....	.....	1,000	1,222	72	1,294	31	1,325
Michigan.....	.....	64	13	77	.....	.....	43	64	.....	64	.....	64
Minnesota.....	.....	163	5	168	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi.....	.....	15	2	17	.....	.....	.....	.....	.....	.....	.....	.....
Missouri.....	.....	4,689	48	4,737	.....	.....	.....	.....	.....	.....	.....	.....
Montana.....	.....	1,801	11	1,812	.....	.....	1,300	1,701	11	1,712	.....	.....
Nebraska.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Mexico.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Dakota.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oklahoma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Outlying Possessions.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Alaska.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hawaii.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canal Zone.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philippine Islands.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerto Rico.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Includes all buildings in cities having 5,000 population and over and in 661 smaller cities having a population from 2,500 to 5,000 in 1910.

<sup>2</sup> Estimated.

<sup>3</sup> Estimated.

<sup>4</sup> Estimated.

<sup>5</sup> Districts.

TABLE 41.—Value of all public property used for school purposes, 1917-18.

States.	Value of sites and buildings.				Value of equipment (furniture, apparatus, libraries, etc.).				Value of all property used for school purposes.			
	Elementary schools.	Secondary schools.	All schools.		Elementary schools.	Secondary schools.	All schools.		Elementary schools.	Secondary schools.	All schools.	
	2	3	4		5	6	7		8	9	10	
Continental United States.....	\$286,924,860	\$107,267,573	\$1,336,871,166		\$17,863,672	\$10,166,497	\$112,381,283		\$394,602,528	\$134,702,613	\$1,983,506,818	
Alabama.....	3,240,445	1,560,000	4,740,445		288,271	117,086	375,357		11,947,320	3,584,026	15,531,346	
Arizona.....	55,506,740	25,977,853	11,476,925		4,841,636	3,725,610	2,431,192		3,498,710	1,617,086	13,008,117	
California.....	7,468,579	4,242,671	11,711,250		446,871	863,034	1,340,495		7,915,450	5,136,265	13,051,715	
Colorado.....	6,169,650	3,405,675	9,564,725		919,969	137,563	1,057,532		7,079,019	3,542,638	10,621,657	
Connecticut.....	10,113,650	4,000,000	14,113,650		1,085,348	350,000	1,435,348		11,198,668	4,369,000	15,567,668	
District of Columbia.....	114,784,528	29,301,483	9,686,606		6,563,868	3,969,980	10,533,848		121,348,366	33,271,403	154,619,769	
Florida.....	14,735,097	6,211,092	20,946,189		1,633,640	281,152	1,914,801		16,368,746	6,492,244	22,860,990	
Georgia.....	67,867,248	26,716,268	94,608,596				1,510,812				14,071,978	
Idaho.....			53,333,333				4,312,249				67,076,607	
Illinois.....			46,869,684				2,801,251				51,668,915	
Indiana.....											26,261,567	
Iowa.....											11,072,159	
Kansas.....											154,619,769	
Kentucky.....											67,076,607	
Louisiana.....											51,668,915	
Maine.....											26,261,567	
Massachusetts.....											11,072,159	
Michigan.....											154,619,769	
Minnesota.....											67,076,607	
Mississippi.....											51,668,915	
Missouri.....											26,261,567	
Montana.....											11,072,159	
Nebraska.....											154,619,769	
Nevada.....											67,076,607	
New Hampshire.....											51,668,915	
New Jersey.....											26,261,567	
New Mexico.....											11,072,159	
											154,619,769	

\* In 9 States only.      \* In 10 States only.      \* In 12 States only.      \* Estimated.      \* Apparatus only.      \* Value of buildings only.



TABLE 41.—Value of all public property used for school purposes, 1917-18. Continued.

States.	Value of sites and buildings.				Value of equipment (furniture, apparatus, libraries, etc).				Value of all property used for school purposes.					
	Elementary schools.		Secondary schools.		Elementary schools.		Secondary schools.		Elementary schools.		Secondary schools.		All schools.	
	3	4	4	4	5	6	6	7	8	9	10	10	10	
New York.....				\$21,409,628				\$20,842,950					\$202,252,573	
North Carolina.....													14,303,503	
North Dakota.....													15,500,000	
Ohio.....				119,644,632				8,616,912					128,261,544	
Oklahoma.....									\$44,641,164		\$7,621,589		52,162,753	
Oregon.....				7,668,181				1,843,194					9,541,375	
Pennsylvania.....				10,937,612				1,752,037					12,689,649	
Rhode Island.....				8,862,930				976,768					9,839,698	
South Carolina.....													13,681,800	
South Dakota.....													18,857,060	
Tennessee.....				16,126,332				729,628					16,855,960	
Texas.....				41,530,732				4,341,631					45,872,363	
Utah.....				11,635,838				929,613					12,565,451	
Vermont.....				4,068,549				1,024,637					5,093,186	
Virginia.....				17,186,436				1,676,918					18,863,354	
Washington.....				32,442,418				4,154,200					36,596,618	
West Virginia.....	\$13,360,765		\$4,714,676	18,105,441	\$1,654,918	\$485,463	2,140,381	15,045,683	5,200,139				20,245,822	
Wisconsin.....				2,668,454				787,794					3,456,248	
Wyoming.....													680,000	
Outlying Possessions:				550,000				50,000					600,000	
Canal Zone.....													8,549,630	
Philippine Islands.....													2,309,686	
Puerto Rico.....														

1 Estimated.



STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918.

TABLE 42.—Permanent school funds and school lands, 1917-18.

States.	Permanent school funds.			Unsold school lands.		Total value of permanent school funds and school lands.
	State.	Local.	Total.	Number of acres.	Value.	
1	2	3	4	5	6	7
Continental United States.....	\$308,118,870	\$50,007,398	\$358,126,268	46,314,957	\$484,200,293	\$842,326,561
Alabama.....	2,374,500	14,587	2,389,087	73,000	850,000	3,339,087
Arizona.....	380,077		380,077	8,328,185	45,805,018	46,185,095
Arkansas.....	1,134,500		1,134,500	43,500	250,000	1,384,500
California.....	7,300,362		7,300,362			7,300,362
Colorado.....	4,948,492		4,948,492	2,882,278	41,418,329	46,366,821
Connecticut.....	2,008,624	1,046,113	3,054,737		0	3,054,737
Delaware.....	488,235		488,235		0	488,235
District of Columbia.....	0	0	0		0	0
Florida.....	1,576,862		1,576,862	206,379	1,031,865	2,608,727
Georgia.....	0	250,000	250,000		0	250,000
Iaho.....	6,539,177		6,539,177	3,039,600	30,396,001	36,935,178
Illinois.....	948,955	20,099,683	21,048,638	6,403	12,800,673	33,849,311
Indiana.....	9,712,506	2,485,526	12,198,032	680	39,215	12,237,247
Iowa.....	4,813,090		4,813,090		0	4,813,090
Kansas.....	9,958,535		9,958,535		0	9,958,535
Kentucky.....	2,013,536	381,900	2,395,436		0	2,395,436
Louisiana.....	2,350,000		2,350,000	110,000	1,750,000	4,100,000
Maine.....	482,994	727,249	1,210,243			1,210,243
Maryland.....	247,935	168,574	416,509		0	416,509
Massachusetts.....	5,000,000		5,000,000		0	5,000,000
Michigan.....	5,314,802		5,314,802	30,000		5,314,802
Minnesota.....	28,884,576		28,884,576	2,000,000	125,000,000	153,884,576
Mississippi.....	1,035,641		1,035,641			1,035,641
Missouri.....	3,150,281	11,231,025	14,381,306			14,381,306
Montana.....	6,636,382		6,636,382	3,940,018	66,468,104	73,104,496
Nebraska.....	9,425,094		9,425,094	1,854,119	27,811,788	37,236,882
Nevada.....	2,632,648		2,632,648	18,257	23,724	2,656,372
New Hampshire.....	59,722	876,518	936,241			936,241
New Jersey.....	7,120,088	764,671	7,884,759			7,884,759
New Mexico.....	567,689		567,689	8,646,000	43,230,000	43,797,689
New York.....	9,321,863		9,321,863		0	9,321,863
North Carolina.....	860,000	40,000	900,000	200,000	500,000	1,400,000
North Dakota.....	19,166,537		19,166,537	1,445,764	31,200,000	50,366,537
Ohio.....	4,110,200	100,000	4,210,200	20,573	1,670,496	5,880,696
Oklahoma.....	21,095,457		21,095,457	1,413,882	5,000,000	26,095,457
Oregon.....	6,596,232		6,596,232	757,480		6,596,232
Pennsylvania.....	493,000		493,000		0	493,000
Rhode Island.....	249,941		249,941		0	249,941
South Carolina.....					0	
South Dakota.....	17,000,000		17,000,000	2,500,000	85,000,000	102,000,000
Tennessee.....	2,512,500		2,512,500		0	2,512,500
Texas.....	70,288,069	11,310,280	81,598,349	1,212,229	2,632,771	84,231,110
Utah.....	3,813,998		3,813,998	2,600,000	10,000,000	13,813,998
Vermont.....	1,364,027	475,685	1,839,712		813,999	2,653,711
Virginia.....	3,197,331	35,587	3,232,918		0	3,232,918
Washington.....	13,632,698		13,632,698	1,803,072	18,030,720	31,663,418
West Virginia.....	1,000,000		1,000,000		0	1,000,000
Wisconsin.....	4,756,362		4,756,362	12,802		4,756,362
Wyoming.....	1,626,353		1,626,353	3,335,756	32,357,560	33,983,913
<i>Outlying Possessions.</i>						
Alaska.....	153		153			153
Canal Zone.....	0	0	0		0	0
Philippine Islands.....				12,995	1,793,393	1,793,393

<sup>1</sup> Value of agricultural lands only; no report on the value of mineral lands, which are probably valued at \$160,000,000 additional.

TABLE 43.—Indebtedness, sinking funds, and payments on indebtedness, 1917-18.

States	Indebtedness.				Total amount in school sinking funds.	Payment of bonds and short-term loans.			Transfers to sinking funds.	Interest paid on indebtedness.	Refunds.
	School bonds outstanding.	Other forms of debt.	Total.			From current funds.	From sinking funds.	Total.			
			1	2							
Continental United States.....	\$443,223,223	\$17,905,549	\$460,090,796	\$11,531,576	\$8,914,641	\$7,105,701	\$16,020,342	\$4,965,931	\$15,154,585	\$306,951	
Alabama.....	2,890,000	39,134,806	41,024,806	62,373	89,931	11,237,428	1,125,978	1,125,978	390,718	33,089	
Arkansas.....	8,800,000	1,466,857	10,266,857	357,469	38,060	520,626	1,125,978	1,125,978	429,173	16,958	
California.....	5,900,000	0	5,900,000	202,529	520,626	1,125,978	1,125,978	1,125,978	307,000	401	
Colorado.....	18,246,803	975	18,247,778	0	824,931	1,496,863	1,496,863	1,496,863	854,181	0	
Connecticut.....	374,300	2,496,007	2,870,307	0	783,375	783,375	783,375	783,375	1,045,181	0	
Delaware.....	4,873,400	532,677	5,406,077	0	342,931	342,931	342,931	342,931	1,090,972	0	
District of Columbia.....	8,800,000	96,350	8,896,350	0	31,071	31,071	31,071	31,071	46,358	71,662	
Florida.....	15,246,803	0	15,246,803	0	0	0	0	0	0	0	
Georgia.....	7,490,054	0	7,490,054	0	0	0	0	0	0	0	
Illinois.....	12,744,647	0	12,744,647	0	0	0	0	0	0	0	
Indiana.....	2,139,069	0	2,139,069	0	0	0	0	0	0	0	
Iowa.....	17,765,000	1,087,204	18,852,204	0	0	0	0	0	0	0	
Kentucky.....	15,000,000	1,899,894	16,899,894	0	0	0	0	0	0	0	
Louisiana.....	1,411,635	0	1,411,635	0	0	0	0	0	0	0	
Maine.....	20,000,000	0	20,000,000	0	0	0	0	0	0	0	
Maryland.....	9,365,720	1,200,902	10,566,622	0	0	0	0	0	0	0	
Michigan.....	800,000	16,102	816,102	0	0	0	0	0	0	0	
Minnesota.....	1,019,185	0	1,019,185	0	0	0	0	0	0	0	
Mississippi.....	63,612,617	70,720	63,683,337	0	0	0	0	0	0	0	
Missouri.....	2,043,614	0	2,043,614	248,444	3,207,413	3,207,413	3,207,413	3,207,413	1,504,761	148,951	
Montana.....	37,228,496	0	37,228,496	0	0	0	0	0	0	0	
Nebraska.....	5,000,000	1,000,000	6,000,000	1,300,000	1,818,928	1,818,928	1,818,928	1,818,928	58,487	52,191	
Nevada.....	66,985,367	0	66,985,367	0	0	0	0	0	0	0	
New Hampshire.....	0	0	0	0	0	0	0	0	0	0	
New Jersey.....	2,043,614	0	2,043,614	248,444	3,207,413	3,207,413	3,207,413	3,207,413	1,504,761	148,951	
New Mexico.....	37,228,496	0	37,228,496	0	0	0	0	0	0	0	
New York.....	5,000,000	1,000,000	6,000,000	1,300,000	1,818,928	1,818,928	1,818,928	1,818,928	58,487	52,191	
North Carolina.....	66,985,367	0	66,985,367	0	0	0	0	0	0	0	
North Dakota.....	0	0	0	0	0	0	0	0	0	0	
Ohio.....	0	0	0	0	0	0	0	0	0	0	

Alabama.....	90,070,071	1,522,060	32,202,161	12,859,911	943,968	971,681
Arizona.....	8,497,142	1,145,669	6,642,801		(1)	(1)
Arkansas.....					57,000	147,137
California.....					108,453	190,130
Colorado.....						
Connecticut.....	4,110,319	1,387,916	6,498,235		839,876	300,193
Delaware.....					317,972	
District of Columbia.....	20,355,117	362,904	9,356,117	4,790,022	536,154	1,238,200
Florida.....	6,831,218	82,320	1,479,436	281,229	196,659	271,452
Georgia.....	1,397,116				50,328	(1)
Idaho.....						
Illinois.....	1,030,982	322,577	1,359,489		829,863	88,740
Indiana.....	18,157,820	1,661,664	19,819,004	1,068,835	907,624	968,103
Iowa.....	6,270,300	0	6,270,200		133,330	162,328
Kansas.....	7,104,704	583,598	7,688,212	361,755	2,145,890	162,828
Kentucky.....	1,091,154	57,333	1,121,487		33,191	21,647
Louisiana.....						
Maine.....	75,000	0	75,000	0	0	0
Massachusetts.....	0	0	0	0	0	0
Michigan.....						
Minnesota.....						
Mississippi.....						
Missouri.....						
Montana.....						
Nebraska.....						
Nevada.....						
New Hampshire.....						
New Jersey.....						
New Mexico.....						
New York.....						
North Carolina.....						
North Dakota.....						
Ohio.....						
Oklahoma.....						
Oregon.....						
Pennsylvania.....						
Rhode Island.....						
South Carolina.....						
South Dakota.....						
Tennessee.....						
Texas.....						
Utah.....						
Vermont.....						
Virginia.....						
Washington.....						
West Virginia.....						
Wisconsin.....						
Wyoming.....						
<i>Outlying Possessions.</i>						
Alaska.....						
Hawaii.....						
Philippines.....						
Canal Zone.....						

\* Includes interest on indebtedness.  
 † Included under operation.  
 ‡ In independent districts only.

\* Statistics for 1916-17.  
 † Includes only interest.  
 ‡ Under control of county and city boards or estimates.

TABLE 44.—Percentage analysis of receipts, 1917-18.

States.	Total revenue receipts.			Total revenue receipts.			Receipts from taxation and appropriation.		
	State.	County.	Local.	Perma- nent school funds and leases of school lands.	Taxa- tion and appro- pria- tion.	Other sources.	State.	County.	Local.
1	2	3	4	5	6	7	8	9	10
Continental United States.	16.8	7.0	75.3	2.0	62.5	4.6	14.8	8.0	77.2
Alabama.....	3.7	32.1	4.2	2.8	88.2	9.0	63.4	36.6	.....
Arizona.....	21.1	36.9	42.0	4.2	93.6	2.2	17.6	37.6	44.8
Arkansas.....	28.2	.....	71.8	.9	94.8	4.3	28.2	.....	71.8
California.....	22.3	35.4	42.3	1.3	93.1	5.6	22.3	38.0	39.7
Colorado.....	7.1	19.5	73.4	6.8	92.9	.....	1	20.8	79.1
Connecticut.....	10.2	.....	89.8	1.5	92.3	6.2	9.5	.....	90.5
Delaware.....	26.8	.....	73.2	4.7	93.2	2.1	21.9	.....	78.1
Dist. Columbia.....	48.8	.....	51.2	.....	97.7	2.3	50.0	.....	50.0
Florida.....	23.1	51.4	25.5	1.8	87.4	10.8	12.1	58.7	29.2
Georgia.....	50.4	18.8	30.8	.2	93.1	6.7	53.5	17.6	28.9
Idaho.....	13.1	30.9	56.0	12.8	82.6	4.6	.....	37.4	62.6
Illinois.....	7.7	.....	92.3	3.4	92.7	3.9	7.5	.....	92.5
Indiana.....	17.2	.....	82.8	3.1	96.1	.....	14.6	.....	85.5
Iowa.....	2.2	.....	97.8	1.0	98.8	.....	2	1.0	99.0
Kansas.....	2.0	2.0	95.1	2.6	97.3	.....	2	2.1	97.7
Kentucky.....	46.5	10.8	36.7	2.6	86.3	11.1	50.7	17.7	31.6
Louisiana.....	21.1	38.6	37.3	2.1	92.3	5.6	24.0	36.0	40.0
Maine.....	44.6	.....	55.4	2.5	95.3	2.2	45.7	.....	54.3
Maryland.....	31.7	68.3	.....	.2	98.3	1.5	31.7	68.3	.....
Massachusetts.....	3.7	.....	96.3	.7	97.8	1.5	2.9	.....	97.1
Michigan.....	22.0	.....	78.0	1.3	85.7	13.0	24.3	.....	75.7
Minnesota.....	28.5	7.9	63.6	5.7	94.1	.....	23.9	8.1	68.0
Mississippi.....	49.7	3.0	47.3	4.4	89.0	6.6	53.4	.....	46.6
Missouri.....	12.0	.....	88.0	.8	98.9	.....	11.0	.....	89.0
Montana.....	12.9	31.3	55.8	12.7	81.5	5.8	.....	28.4	61.6
Nebraska.....	8.7	.....	91.3	3.2	89.3	7.5	5.9	.....	94.1
Nevada.....	37.2	42.6	20.2	19.7	76.2	4.1	20.6	55.9	23.5
New Hampshire.....	6.4	.....	93.6	.....	92.1	7.9	6.4	.....	93.6
New Jersey.....	45.3	4	54.3	1.0	95.7	3.3	42.9	.....	56.8
New Mexico.....	20.7	79.3	.....	20.2	78.7	1.1	0	100.0	0
New York.....	9.5	.....	90.5	.4	95.7	3.9	9.3	.....	90.7
North Carolina.....	14.2	51.2	34.6	.....	93.2	6.8	14.6	40.6	35.8
North Dakota.....	13.1	8.1	76.8	13.3	78.7	8.0	2.0	10.0	88.0
Ohio.....	8.2	1.7	90.1	1.1	93.3	5.6	7.4	1.7	90.9
Oklahoma.....	14.5	6.2	79.3	14.3	71.4	14.3	.....	.....	99.9
Oregon.....	5.5	25.0	68.9	5.3	88.5	6.2	.....	28.9	71.1
Pennsylvania.....	9.6	.....	90.4	.....	99.8	.....	9.5	.....	90.5
Rhode Island.....	5.7	.....	94.3	.6	96.8	4.6	5.2	.....	94.8
South Carolina.....	13.1	28.2	58.7	.....	99.3	.....	12.4	28.5	59.1
South Dakota.....	16.6	.....	83.2	16.6	74.9	8.5	.....	0	100.0
Tennessee.....	19.6	64.4	16.0	2.0	95.7	2.3	17.9	65.5	16.6
Texas.....	41.0	3.1	55.9	13.4	64.7	21.9	46.0	1.0	53.0
Utah.....	35.6	.....	64.4	4.6	92.9	2.5	33.2	.....	66.8
Vermont.....	22.3	.....	77.7	3.5	93.9	2.6	20.3	.....	79.7
Virginia.....	30.5	22.8	46.7	1.2	84.6	14.2	33.5	16.1	50.4
Washington.....	21.9	21.0	57.1	5.9	93.1	1.0	16.1	22.6	61.3
West Virginia.....	9.2	.....	90.4	1.0	97.6	1.4	7.0	.....	92.6
Wisconsin.....	18.0	14.2	67.8	1.8	93.5	5.0	17.4	15.2	67.4
Wyoming.....	28.1	33.9	43.0	24.1	71.0	4.3	1.3	43.2	55.5

TABLE 45.—Income from permanent school funds and leases of school lands, 1917-18.

States.	Receipts from permanent funds.					Receipts from leases of school lands.					Total receipts from permanent funds and leases of school lands.				
	State.	County.	Local.	Total.		State.	County.	Local.	Total.		State.	County.	Local.	Grand total.	
	3	3	4	5	6	7	8	9	10	11	12	13	13		
Continental United States.....	\$14,361,362	\$760,468	\$624,612	\$15,746,442	\$4,296,007	\$36,520	\$1,448,071	\$5,770,598	\$19,047,369	\$796,968	\$2,072,683	\$21,517,040			
Alabama.....	169,237			169,237				119,297				169,237			
Arizona.....	5,672			5,672								124,969			
Arkansas.....	56,725			56,725								56,725			
California.....	354,583			354,583	65,251		419,834	65,251				419,834			
Colorado.....	159,332			159,332	430,532		589,864	430,532				589,864			
Connecticut.....	111,060		38,731	149,791							38,731	149,791			
Delaware.....	41,639			41,639								41,639			
Florida.....	71,607			71,607								71,607			
Georgia.....	13,140			13,140								13,140			
I Idaho.....	520,859			520,859	134,387		655,246	134,387				655,246			
Illinois.....	56,498		319,178	375,696			1,436,997	1,436,997				1,812,593			
Indiana.....	574,195		149,132	723,327								723,327			
Iowa.....	216,536			216,536								216,536			
Kansas.....	524,071			524,071								524,071			
Kentucky.....	185,824	27,914		213,738								213,738			
Louisiana.....	93,681			93,681		36,520		36,520				130,201			
Maine.....	29,980		78,124	108,104								108,104			
Maryland.....	13,785	(1)		13,784								13,785			
Massachusetts.....	233,265			233,265								233,265			
Michigan.....	352,821			352,821								352,821			
Minnesota.....	1,143,000			1,143,000								1,143,000			
Mississippi.....	62,138			62,138								62,138			
Missouri.....	187,040			187,040								187,040			
Montana.....	187,047			187,047	932,544		1,119,591	932,544				1,119,591			
Nebraska.....	125,906			125,906	280,047		405,953	280,047				405,953			

<sup>1</sup> Included in column 2. <sup>2</sup> Income from sixteenth section and Chickasaw funds.



TABLE 45.—Income from permanent school funds and leases of school lands, 1917-18—Continued.

States.	Receipts from permanent funds.					Receipts from leases of school lands.					Total receipts from permanent funds and leases of school lands.				
	State.	County.	Local.	Total.		State.	County.	Local.	Total.		State.	County.	Local.	Total.	
	2	3	4	5	6	7	8	9	10	11	12	13			
Nevada.....	\$117,005			\$117,005	\$46,127				\$163,132				\$163,132		
New Jersey.....	287,000	\$29,159		316,159					150,146	\$79,159			229,305		
New Mexico.....	348,678			348,678	2,558,354				2,906,738				2,906,738		
New York.....	(1)			(1)	(1)				358,678				358,678		
North Carolina.....	1,958,322			1,958,322	1,225,585				1,183,907				1,183,907		
North Dakota.....	248,004			248,004	250,752				498,656				498,656		
Ohio.....	\$1,840,680			\$1,840,680	(5)				\$1,840,680				\$1,840,680		
Oklahoma.....	383,708			383,708					383,708				383,708		
Oregon.....	11,946		\$11,467	23,413					11,946		\$11,467		23,413		
Rhode Island.....															
South Carolina.....	721,863			721,863	499,951				1,221,814	16,903			1,238,717		
South Dakota.....	180,974			180,974	(3)				180,974				180,974		
Tennessee.....	\$2,500,000			\$2,500,000	(3)				2,500,000	569,216			3,069,216		
Texas.....	282,283			282,283	22,718				246,971				246,971		
Utah.....															
Vermont.....	61,299		14,840	76,139			\$11,074		61,299			25,914	87,213		
Virginia.....	105,749			105,749					105,749				105,749		
Washington.....	519,429			519,429	331,021				850,450				850,450		
West Virginia.....	248,919			248,919					248,919				248,919		
Wisconsin.....	116,411			116,411	368,841				485,252				485,252		
Wyoming.....															

1 Estimated.  
 2 Includes appropriations.  
 3 Receipts from these sources are added to the principal of the permanent school fund.  
 4 Includes general State appropriations and income from leases of school lands.  
 5 Included in column 5.  
 6 Includes income from leases of school lands.



TABLE 46.—Income from appropriation and taxation, 1917-18.

States.	Receipts from appropriation.					Receipts from taxation (property, business, poll taxes, etc.).					Total receipts from appropriation and taxation.					
	State.	County.	Local.	Total.	State.	County.	Local.	Total.	State.	County.	Local.	Total.	State.	County.	Local.	Grand total.
Continental United States.	\$1,179,889	\$1,179,889	\$1,108,625	\$8,086,176	\$9,925,395	\$5,356,210	\$819,946,730	\$617,238,341	\$101,305,037	\$54,508,069	\$526,111,561	\$681,924,517				
Alabama.....	899,420	30,687	2,144	932,251	2,435,438	1,882,119	4,317,557	3,334,858	1,912,806	2,144	1,247,461	5,249,808				
Arizona.....	486,654			1,523,852	1,694	1,047,046	2,266,171	486,318	1,047,046	1,247,461	2,743,826					
Arkansas.....	1,523,852			808,648	6,418,040	10,947,461	11,321,749	28,887,240	6,425,002	11,321,177	3,576,134	5,400,886				
California.....	274,348			11,350		1,680,104	6,411,278	8,067,362	11,350	1,896,104	0,411,278	8,108,732				
Colorado.....				875,080			8,324,324	8,324,324	875,080		8,324,324	9,199,374				
Connecticut.....	176,950			542,220			280,140	176,950	2,049,657		642,422	822,372				
Delaware.....	2,049,657			4,099,314			1,050,028	2,049,657	2,113,641		2,049,657	4,099,314				
District of Columbia.....	6,000			3,380,000			1,829,218	3,380,000	3,380,000		1,829,218	6,321,424				
Florida.....	3,390,000															
Georgia.....				3,621,562			2,730,079	4,365,004	1,634,925		2,730,079	4,365,004				
Illinois.....	71,377			178,788			44,744,855	44,744,855	3,621,562		44,744,855	48,366,397				
Indiana.....	155,076			225,000			18,953,020	21,340,907	3,218,612		18,953,020	21,563,519				
Iowa.....	22,427			38,143			21,340,907	21,340,907	225,000		21,340,907	21,563,519				
Kansas.....				199,412			19,100,250	19,492,725	38,143		19,100,250	19,530,848				
Kentucky.....	118,025			135,076			2,332,798	7,201,717	3,746,814		2,332,798	7,390,129				
Louisiana.....				1,192,482			2,234,510	5,479,656	1,530,875		2,234,510	5,634,732				
Maine.....				1,257,490			2,208,240	4,095,900	1,857,660		2,208,240	4,065,900				
Maryland.....	178,788			175,752			0	5,873,343	1,914,190		5,873,343	6,048,255				
Massachusetts.....	849,278			640,278			29,965,215	28,665,215	949,278		29,965,215	29,514,493				
Michigan.....	5,862,615			2,866,241			18,246,396	18,246,396	3,862,615		18,246,396	24,109,011				
Minnesota.....	1,865,895			1,865,895			12,747,323	12,747,323	4,844,082		12,747,323	18,747,061				
Mississippi.....	2,427,237			2,427,237			12,088,025	10,088,025	2,427,237		12,088,025	21,496,162				
Missouri.....				673,564			4,022,360	7,178,400	673,564		4,022,360	7,178,400				
Montana.....				188,822			188,822	188,822	188,822		188,822	188,822				
Nebraska.....				171,266			2,492,070	2,492,070	171,266		2,492,070	2,663,336				
New Hampshire.....	78,710			831,860			15,854,083	27,081,472	11,969,080		15,854,083	27,081,472				
New Jersey.....				(?)			2,285,532	2,285,532	2,285,532		2,285,532	2,285,532				
New Mexico.....																

\* Includes all local school receipts. \* Includes county taxes. \* Included with receipts from permanent school funds and leases of school lands.



TABLE 46.—Income from appropriation and taxation, 1917-18—Continued.

States.	Receipts from appropriation.					Receipts from taxation (property, business, poll taxes, etc.).					Total receipts from appropriation and taxation.					
	State.	County.	Local.	Total.	State.	County.	Local.	Total.	State.	County.	Local.	Total.	State.	County.	Local.	Grand total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
New York.....	\$7,365,653			\$7,365,653			\$71,797,883	\$71,797,883	\$7,365,653			\$79,163,536				\$79,163,536
North Carolina.....	829,872			829,872			2,035,028	2,035,028	829,872			2,864,900				2,864,900
North Dakota.....	140,000			140,000			6,130,262	6,130,262	140,000			6,270,262				6,270,262
Ohio.....	3,052,436	\$288,875		3,341,311		414,027	3,755,338	3,755,338	3,052,436	702,902		3,755,338				3,755,338
Oklahoma.....	111,000			111,000			9,231,985	9,231,985	11,000			9,242,985				9,242,985
Oregon.....						1,871,652	6,499,303	6,499,303		1,871,652		8,370,955				8,370,955
Pennsylvania.....	7,631,559			7,631,559			73,355,280	73,355,280	7,631,559			80,986,839				80,986,839
Rhode Island.....	185,233			185,233			94,003	185,233	185,233			370,233				370,233
South Carolina.....	433,903	83,067		516,970		909,047	2,062,612	2,971,659	433,903	992,114		3,465,629				3,465,629
South Dakota.....							5,602,696	5,602,696				5,602,696				5,602,696
Tennessee.....	1,161,905	19,911		1,181,816		4,212,054	1,078,572	5,320,626	1,161,905	4,261,965		9,582,591				9,582,591
Texas.....	6,814,182	141,403		6,955,585			7,846,707	7,846,707	6,814,182	141,403		7,985,585				7,985,585
Vermont.....							3,374,420	5,049,561	1,675,141			3,374,420				3,374,420
Virginia.....	219,958			219,958			1,856,637	2,076,595	468,665			2,545,260				2,545,260
Washington.....	670,456			670,456		1,200,197	3,747,066	6,763,283	2,486,456			9,249,739				9,249,739
West Virginia.....							3,015,614	13,358,088	2,153,718			15,471,802				15,471,802
Wisconsin.....	314,290			314,290		32,652	3,867,766	4,181,056	572,640			4,753,696				4,753,696
Wyoming.....	2,807,359			2,807,359		2,461,130	10,852,047	13,659,397	2,907,359			16,566,756				16,566,756
Wyoming.....	19,000			19,000		621,081	799,963	1,421,074	19,000			1,440,074				1,440,074
Outlying Possessions.																
Alaska.....	173,864			173,864			53,401	96,041	219,504			272,905				272,905
Hawaii.....	109,035			109,035				1,662,896	1,771,931			1,771,931				1,771,931
Canal Zone.....	128,000			128,000					128,000			128,000				128,000
Puerto Rico.....	1,726,359			1,726,359			631,344	631,344	1,726,860			2,353,204				2,353,204

1 For State office of education only. Other State appropriations are included with receipts from permanent school funds and leases of school lands.  
 2 Appropriated by Congress.



STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918.

TABLE 47.—Income from Federal Government, from all other sources, and total revenue receipts, 1917-18.

States.	Federal aid for vocational education (considered as State money).		Receipts from other revenue sources than those designated in Tables 43 and 46.				Total revenue receipts.			
	2	3	4	5	6	7	8	9	10	
										State.
Continental United States.....	\$1,668,926	\$2,332,353	\$2,528,219	\$22,633,896	\$31,794,905	\$125,923,159	\$58,131,303	\$554,819,980	\$736,876,442	
Alabama.....	31,370	254,373		230,878	508,451	3,783,243	1,912,806	253,022	5,959,071	
Arizona.....	15,000			57,890	90,419	628,287	1,087,465	1,247,461	2,875,213	
Arkansas.....	27,489	33,196	50,419	1,731,981	217,393	1,038,066	1,321,177	4,063,464	5,701,630	
California.....	39,546		15,643		1,713,817	7,341,963	11,321,177	13,561,303	32,017,445	
Colorado.....	15,000				13,645	616,244	1,501,749	6,411,278	8,728,241	
Connecticut.....	22,903			592,154	392,154	1,009,013		8,955,209	9,964,222	
Delaware.....	15,000			3,224	3,224	238,530		495,462	536,686	
District of Columbia.....				100,183	100,183	2,019,637		7,149,940	8,169,077	
Florida.....	15,006	630,170	104,000	248,645	430,170	832,151	2,113,641	1,050,028	4,119,997	
Georgia.....	41,852			248,645	412,645	3,421,582	1,276,208	2,091,063	6,738,791	
I Idaho.....	15,000			226,157	226,157	696,246	1,634,925	2,456,236	5,291,407	
Illinois.....	95,172	256,301		1,684,253	1,940,536	4,025,043	46,185,245	52,214,288	59,514,288	
Indiana.....	35,033	135,847		186,401	186,401	3,972,890	19,102,706	23,075,696	23,075,696	
Iowa.....	25,000					477,365	21,340,607	21,817,972	21,817,972	
Kansas.....	27,193					589,407	392,475	19,190,250	20,062,132	
Kentucky.....	36,634			815,359	915,465	3,079,272	1,434,257	3,147,157	5,590,696	
Louisiana.....	26,659		100,826	21,422	367,304	1,711,215	2,353,306	2,275,952	6,100,543	
Maine.....	15,000		287,549	77,399	364,948	1,940,270	4,206,499	2,363,763	4,265,403	
Maryland.....	21,365		72,421	0	72,421	1,549,270		6,153,766	6,153,766	
Massachusetts.....	80,317			408,137	408,137	1,112,961		29,073,332	30,186,313	
Michigan.....	46,048			3,007,401	3,497,401	6,261,484		21,853,797	28,115,281	
Minnesota.....	33,794			243,330	287,124	5,690,896	1,532,737	12,767,224	19,600,857	
Mississippi.....	80,913				243,330	2,078,946	123,276	11,076,499	19,600,857	
Missouri.....	53,701	1,635			1,635	2,669,613	19,008,925	19,008,925	21,620,511	
Montana.....	15,000			480,535	495,535	1,134,391	2,756,020	4,912,915	8,863,526	

\* Includes county taxes.  
† Included under taxation receipts.



TABLE 47.—Income from Federal Government, from all other sources, and total revenue receipts, 1917-18.—Continued.

States.	Federal aid for vocational education (considered as State money).	Receipts from other revenue sources than those designated in Tables 46 and 46.				Total.	Total revenue receipts.			
		State.	County.	Local.	Total.		State.	County.	Local.	Grand total.
		5	4	5	6		7	8	9	10
Nebraska.....	320,435	31,637	8381,216	8632,853	\$1,101,580	.....	.....	.....	\$12,065,041	
New York.....	15,000	18,887	18,887	18,887	307,903	.....	.....	.....	828,887	
New Hampshire.....	15,000	212,796	212,796	212,796	186,246	.....	.....	.....	2,831,152	
New Jersey.....	42,774	99,925	.....	680,777	13,212,065	.....	.....	.....	29,189,022	
New Mexico.....	15,000	17,853	.....	17,853	801,738	.....	.....	.....	2,906,123	
New York.....	134,710	3,085,893	3,085,893	3,085,893	7,879,511	.....	.....	.....	82,762,317	
North Carolina.....	56,166	300,849	71,586	374,912	666,967	.....	.....	.....	6,068,676	
North Dakota.....	15,208	17,291	613,322	690,604	1,332,956	.....	.....	.....	8,433,773	
Ohio.....	78,813	67,685	2,807,912	2,875,497	3,840,807	.....	.....	.....	44,267,184	
Oklahoma.....	27,568	802,867	1,016,736	1,821,603	1,879,218	.....	.....	.....	12,981,916	
Oregon.....	15,000	438,104	.....	438,104	398,708	.....	.....	.....	7,308,115	
Pennsylvania.....	127,312	.....	.....	.....	7,758,871	.....	.....	.....	81,114,151	
Rhode Island.....	10,208	.....	163,295	163,295	223,174	.....	.....	.....	3,945,144	
South Carolina.....	26,344	.....	.....	.....	460,247	.....	.....	.....	3,514,973	
South Dakota.....	15,150	.....	621,867	621,867	1,236,993	.....	.....	.....	7,481,278	
Tennessee.....	34,802	116,020	7,318	128,347	1,226,981	.....	.....	.....	6,700,865	
Texas.....	62,326	.....	4,840,572	4,840,572	9,376,507	.....	.....	.....	32,676,410	
Utah.....	15,000	.....	121,873	121,873	1,036,112	.....	.....	.....	5,432,405	
Vermont.....	15,000	2,774	45,314	48,088	517,438	.....	.....	.....	2,485,723	
Virginia.....	32,912	36,482	356,176	1,211,412	2,662,029	.....	.....	.....	8,798,942	
Washington.....	18,825	133,661	.....	133,661	3,150,218	.....	.....	.....	14,354,618	
West Virginia.....	21,422	90,111	.....	89,411	771,722	.....	.....	.....	8,304,490	
Wisconsin.....	15,000	5,876	824,827	830,411	3,409,831	.....	.....	.....	17,217,864	
Wyoming.....	15,000	.....	68,177	71,463	3,823,128	.....	.....	.....	2,011,379	
Outlying Possessions.	.....	.....	.....	.....	219,501	.....	.....	.....	33,401	
Alaska.....	.....	6,797	.....	6,797	1,778,748	.....	.....	.....	1,778,748	
Hawaii.....	.....	4,362	.....	4,362	132,362	.....	.....	.....	132,362	
Canal Zone.....	.....	.....	.....	.....	1,728,860	.....	.....	.....	1,728,860	
Porto Rico.....	.....	.....	14,462	14,462	.....	.....	.....	.....	646,236	

1 Included under taxation receipts.

STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918.

TABLE 48.—Nonrevenue receipts, grand total of all receipts, and balance on hand, 1917-18.

States	Nonrevenue receipts (All local unless otherwise indicated.)				Total revenue and nonrevenue receipts, excluding balance on hand				Balance on hand from school year 1916-17.
	From loans and bond sales.	From sales of property and proceeds of insurance adjustments.	Other non- revenue receipts.	Total.	State.	County.	Local.	Grand total.	
Continental United States.....	\$59,601,978	\$1,349,183	\$4,786,565	\$65,737,726	\$124,026,189	\$63,188,140	\$914,799,983	\$402,613,108	\$172,323,850
Alabama.....		80,816	137,394	218,210	3,783,243	1,912,808	479,211	6,186,200	1,116,026
Arkansas.....	391,668			391,668	626,267	1,097,465	1,639,117	3,264,869	1,445,852
California.....	1,327,628			1,327,628	1,026,166	4,093,484	4,093,484	5,701,630	1,715,441
Columbia.....	1,425,842			1,425,842	124,963	11,321,177	14,798,731	33,264,873	6,097,663
Connecticut.....	1,668,882			1,668,882	616,214	1,701,749	7,836,920	10,154,769	1,647,632
Delaware.....	14,020		15,243	29,263	1,009,013		10,824,091	11,833,104	
District of Columbia.....		3,878	401	4,279	236,559		2,474,797	2,711,356	128,864
Florida.....	1,978,428		1,082	1,979,510	2,040,657		2,150,241	4,190,908	819,681
Georgia.....	1,373,640	73,473	184,628	1,631,741	9,421,582	1,370,306	2,682,744	9,020,640	1,906,477
Illinois.....	329,040	348,480		677,520	860,246	1,634,926	3,245,276	5,030,447	206,045
Indiana.....	3,236,681			3,236,681	4,028,043		61,867,466	66,895,509	11,802,104
Iowa.....					3,972,870		19,102,708	23,075,576	1,175,366
Kansas.....					477,369		21,340,607	21,817,972	11,024,796
Kentucky.....		18,083		18,083	886,465	372,476	19,100,360	20,062,322	
Louisiana.....	1,998,393	40,072	34,668	2,073,133	3,979,372	1,431,267	3,166,220	8,678,746	209,634
Maine.....		3,736		3,736	1,711,215	4,010,476	2,682,864	8,173,626	664,833
Maryland.....		6,261,820		6,261,820	1,801,640		2,367,548	4,269,188	169,698
Massachusetts.....		26,820		26,820	1,949,270	4,253,310	2,073,362	6,182,640	778,968
Michigan.....		15,083		15,083	3,979,372	1,431,267	3,166,220	8,678,746	209,634
Minnesota.....	6,751,980	40,072		6,792,052	1,711,215		2,682,864	8,173,626	664,833
Mississippi.....	4,574,872			4,574,872	1,801,640		2,367,548	4,269,188	169,698
Missouri.....		135,566	2,890,786	3,026,352	2,078,040	123,278	71,978,680	74,180,998	4,180,911
Montana.....					2,669,613		19,098,926	21,768,539	7,003,200
Nebraska.....		66,129		66,129	1,134,591	2,760,026	0,308,570	10,107,181	2,340,028
Nevada.....	1,324,526			1,324,526	1,134,591		0,308,570	10,107,181	2,340,028

1 Balance in State treasury only.  
 2 Includes county bonds amounting to \$1,533,628.  
 3 Includes county bonds amounting to \$160,000.  
 4 Includes parish bonds amounting to \$1,666,080.  
 5 County and city boards of estimates have sole authority to issue long-term loans and do not report to the school boards.  
 6 County receipts.  
 7 Includes receipts from county taxes.  
 8 Included under taxation receipts.

TABLE 48.—Nonrevenue receipts, grand total of all receipts, and balance on hand, 1917-18.—Continued.

States	Nonrevenue receipts. (All local unless otherwise indicated.)				Total revenue and nonrevenue receipts, excluding balances on hand.				Balance on hand from preceding year 1916-17.
	From sales of property and bond issues.	From sales of property and proceeds of insurance adjustments.	Other non-revenue receipts.	Total.	State.	County.	Local.	Grand total.	
	3	2	4	5	6	7	8	9	10
Alabama	\$1,092,961			\$1,092,961	\$1,101,689	\$393,275	\$12,646,413	\$13,748,022	\$2,526,898
Arizona	2,632,060	\$110,908	\$400	2,743,368	186,286	2,704,896	2,704,896	2,704,896	126,189
California	1,643,266			1,643,266	13,212,556	122,284	18,897,888	32,492,442	6,481,868
Colorado	7,768,983			7,768,983	7,678,541	2,831,681	88,820,729	97,338,951	418,519
Connecticut	1,269,646	66,222	(*)	1,335,868	3,848,046	3,848,046	7,820,728	11,668,774	40,988,066
Delaware	11,191,876		669,374	11,861,250	2,082,865	770,284	6,803,184	9,653,772	3,007,000
District of Columbia	1,000,000	27,329	123,681	1,150,990	3,040,907	51,706,813	56,117,007	28,087,284	28,087,284
Florida	1,000,000			1,000,000	1,870,218	802,867	11,046,073	14,628,158	4,879,913
Georgia	494,706	14,714		509,420	398,708	1,871,632	5,460,461	7,760,321	1,611,163
Idaho	90,819			90,819	7,758,871		73,365,260	81,134,131	240,641
Illinois	70,476		384,970	455,446	223,404	3,812,560	4,035,963	4,035,963	607,008
Indiana	486,066			486,066	460,247	962,114	2,474,087	3,696,428	2,513,862
Iowa	653,778			653,778	1,326,881	4,880,269	1,289,308	7,446,088	1,617,919
Kansas	4,367,919	10,263		4,378,182	9,376,607	710,694	17,157,198	27,244,229	4,662,921
Kentucky	326,940			326,940	1,806,412	1,807,686	3,681,196	5,487,372	1,064,466
Louisiana		3,984		3,984	2,682,628	2,002,681	4,485,609	8,792,770	1,064,466
Maine	1,018,838			1,018,838	3,150,248	3,015,614	9,885,544	16,081,408	4,127,088
Maryland	37,602	45,992	289,989	374,583	3,771,723	32,062	7,714,647	8,518,431	1,260,079
Massachusetts	4,309,119	205,936	72,753	4,587,807	3,064,356	2,446,130	16,284,215	21,805,201	6,138,797
Michigan	170,374	10,808		181,182	528,128	621,081	1,046,442	2,192,651	6,669,404
Minnesota					219,604		63,401	272,905	0
Mississippi					1,778,748		1,778,748	1,778,748	12,740
Missouri					182,862		182,862	182,862	0
Montana	30,000			30,000	1,726,860		676,236	2,403,096	284,374
Nebraska									
Nevada									
New Hampshire									
New Jersey									
New Mexico									
New York									
North Carolina									
North Dakota									
Ohio									
Oklahoma									
Oregon									
Rhode Island									
South Carolina									
South Dakota									
Tennessee									
Texas									
Utah									
Vermont									
Virginia									
Washington									
West Virginia									
Wisconsin									
Wyoming									
Outlying Possessions									
Alaska									
Hawaii									
Canal Zone									
Puerto Rico									

\* Included in column 3.  
 † Includes county bonds amounting to \$452,265.  
 ‡ In pension fund.



TABLE 49.—Percentage analysis of expenditures, 1917-18.

States.	Total expenditures, excluding payment of bonds.						Total expenditures, excluding payments for outlays and payments of bonds.		
	General control.	Instruction.			Miscellaneous current expenses.	Outlays (new buildings, grounds and new equipment).	General control.	Instruction.	Miscellaneous current expenses.
		Text-books and supplies.	Teachers' salaries.	Total.					
1	2	3	4	5	6	7	8	9	10
Continental United States.....	3.3	3.0	55.2	58.2	23.0	15.5	3.9	68.9	27.2
Alabama.....	5.0	5.8	71.4	72.2	11.2	11.6	5.7	81.6	12.7
Arizona.....	2.3	5.2	57.8	63.0	22.8	12.4	2.7	71.8	23.5
Arkansas.....	1.8	.....	76.8	76.8	21.0	1.4	1.8	77.1	21.1
California.....	2.4	4	61.1	61.5	20.7	15.4	2.9	72.6	24.5
Colorado.....	2.3	.....	55.7	55.7	25.1	16.9	2.8	67.0	20.2
Connecticut.....	2.7	6.3	54.6	60.9	23.1	13.3	3.1	70.2	26.7
Delaware.....	2.9	4.2	68.3	72.5	18.8	5.8	3.0	77.0	20.0
Dist. of Columbia.....	1.4	7.2	65.0	72.2	17.6	8.8	1.5	79.2	19.3
Florida.....	3.6	1	50.9	61.0	24.5	20.9	4.6	64.5	30.9
Georgia.....	4.4	1.7	78.3	80.0	7.4	6.2	4.8	87.1	8.1
Idaho.....	4.2	2.7	51.0	54.7	29.4	11.7	4.7	61.9	33.4
Illinois.....	3.3	3.0	53.7	56.7	23.0	17.0	4.0	68.8	27.7
Indiana.....	2.5	4.9	44.3	49.2	26.1	22.2	3.1	63.8	33.5
Iowa.....	6	7.5	46.5	54.0	29.0	16.4	7	64.6	34.7
Kansas.....	4.2	.....	51.6	51.6	26.2	18.0	5.1	62.9	32.0
Kentucky.....	4.4	2	66.3	66.5	28.5	6	4.5	66.9	28.6
Louisiana.....	4.1	1.4	66.2	67.6	14.3	14.0	4.7	78.7	16.6
Maine.....	3.2	5.4	69.4	64.8	28.1	3.9	3.3	67.5	29.2
Maryland.....	3.9	6.0	68.3	74.3	16.6	5.2	4.2	78.3	17.5
Massachusetts.....	3.8	6.7	56.5	63.3	20.4	12.6	4.4	72.4	23.2
Michigan.....	2.5	.....	46.4	46.4	29.2	21.9	2.2	59.4	37.4
Minnesota.....	3.3	3.6	48.9	52.5	24.8	19.4	4.0	65.0	31.0
Mississippi.....	4.3	3	59.8	60.1	5.6	.....	4.3	60.1	5.6
Missouri.....	3	.....	59.0	59.0	19.2	21.5	4	75.2	24.4
Montana.....	6.1	5.0	44.0	49.0	23.0	21.9	7.8	62.8	29.4
Nebraska.....	9	4	55.6	56.0	26.4	16.7	1.9	67.1	31.8
Nevada.....	3.4	.....	63.5	63.5	28.5	4.6	3.5	66.6	29.9
New Hampshire.....	6.0	11.4	54.6	66.0	24.0	4.0	6.2	68.7	25.1
New Jersey.....	3.5	4.0	50.2	54.2	24.3	18.0	4.3	66.2	29.5
New Mexico.....	3.9	1.2	42.8	44.0	10.9	41.2	6.6	74.9	18.5
New York.....	4.6	3.1	69.0	72.1	16.5	6.8	5.0	77.3	17.7
North Carolina.....	4.1	.....	70.5	70.5	7.7	17.7	4.9	85.7	9.4
North Dakota.....	2.1	1.9	45.5	47.4	32.3	18.2	2.6	57.9	30.4
Ohio.....	4.5	2.1	48.8	50.4	26.2	18.9	5.5	62.1	32.4
Oklahoma.....	2.8	.....	57.2	57.2	22.6	17.6	3.1	69.4	27.5
Oregon.....	3.9	.....	59.2	59.2	27.0	9.9	4.3	65.7	30.0
Pennsylvania.....	3.4	4.0	45.0	49.0	31.6	16.0	4.0	68.2	37.8
Rhode Island.....	3.0	4.6	53.4	58.0	24.3	14.7	3.5	68.0	28.5
South Carolina.....	2.5	23.1	54.6	76.7	9.8	10.0	2.8	86.3	10.9
South Dakota.....	3.8	4	52.9	52.3	23.8	19.1	4.7	63.9	29.4
Tennessee.....	4.4	4.0	62.3	66.8	8.3	21.0	5.6	83.9	10.5
Texas.....	1.5	.....	57.5	57.5	20.1	20.9	1.9	72.7	25.4
Utah.....	4.9	4.3	60.1	54.4	21.4	19.3	6.0	67.5	28.5
Vermont.....	6.7	4.6	54.5	50.4	27.4	6.8	6.9	63.7	26.1
Virginia.....	6.2	3	64.4	64.7	16.1	13.0	7.0	74.6	16.5
Washington.....	2.9	3.3	59.6	62.8	20.1	14.2	3.3	73.2	23.5
West Virginia.....	3.0	1.9	67.2	65.1	11.4	16.5	3.5	62.8	13.7
Wisconsin.....	4.1	8.7	60.4	61.1	24.2	17.6	4.9	64.7	20.4
Wyoming.....	3.7	.....	53.5	53.5	19.6	11.3	6.5	71.5	22.0

TABLE 50.—Payments for general control, maintenance, and fixed charges, 1917-18.

States.	General control.				Maintenance ( upkeep charges, repairs, replacements).			Fixed charges (pensions, rent, insurance, contributions, contingencies).		
	School heads and business offices.	Superintendents and their offices.	Compulsory attendance and school census.	Total.	Elementary schools.	Secondary schools.	Total.	Elementary schools.	Secondary schools.	Total.
1	2	3	4	5	6	7	8	9	10	11
Continental United States.....	\$7,479,854	\$14,392,836	\$1,487,668	\$25,179,311	\$5,081,349	\$907,394	\$20,946,848	\$757,419	\$196,921	\$5,701,516
Alabama.....	80,293	268,996	.....	304,885	.....	.....	134,024	.....	.....	295,280
Arizona.....	74,009	74,009	7,359	81,968	150,021	2,4899	175,520	27,006	5,912	284,917
Arkansas.....	73,000	18,000	.....	91,000	.....	.....	1,386,031	.....	.....	(1)
California.....	188,111	616,313	.....	814,421	68,864	.....	200,453	.....	.....	330,000
Colorado.....	135,991	101,764	.....	237,756	.....	.....	(1)	.....	.....	(1)
Connecticut.....	129,554	149,707	12,176	290,436	440,384	60,862	696,269	.....	.....	644
Delaware.....	8,000	30,372	.....	32,372	.....	.....	32,826	.....	.....	14,494
District of Columbia.....	17,009	27,267	.....	41,956	190,246	13,787	106,062	11,974	2,620	50,258
Florida.....	63,854	104,405	.....	167,889	.....	.....	123,281	.....	.....	222,016
Georgia.....	17,998	282,915	36,101	337,014	100,062	18,000	118,062	180,010	32,000	.....
Idaho.....	216,970	216,970	.....	216,970	.....	.....	149,000	.....	.....	380,483
Illinois.....	639,570	924,570	126,624	1,690,764	2,812,778	423,155	3,239,801	.....	.....	86,778
Indiana.....	126,021	549,857	.....	678,788	.....	.....	(1)	.....	.....	(1)
Iowa.....	173,394	173,394	.....	346,788	.....	.....	(1)	.....	.....	(1)
Kansas.....	718,701	718,701	.....	1,437,402	.....	.....	(1)	.....	.....	(1)
Kentucky.....	112,390	232,855	19,478	364,723	.....	.....	1,019,408	.....	.....	27,200
Louisiana.....	27,821	217,413	.....	245,234	90,167	.....	99,157	335,199	50,000	335,199
Maine.....	15,945	119,461	6,718	142,124	336,051	.....	336,051	22,126	4,915	410,386
Maryland.....	47,747	196,962	29,696	274,405	.....	.....	246,540	.....	.....	109,904
Massachusetts.....	617,603	541,978	.....	1,159,581	.....	.....	1,218,759	.....	.....	116,544
Michigan.....	121,965	678,904	.....	800,869	.....	.....	(1)	.....	.....	(1)
Minnesota.....	.....	160,000	.....	160,000	.....	.....	1,054,105	.....	.....	(1)
Mississippi.....	72,000	72,000	.....	144,000	.....	.....	(1)	.....	.....	(1)
Missouri.....	167,210	369,781	.....	536,991	.....	.....	308,085	.....	.....	(1)

Nebraska.....	131,480	131,480	4,780	430,441	80,706	177,733	56,440	499,922	73,787
Nevada.....	27,050	27,050	22,461	281,954	267,684	127,397	.....	37,392	812,666
New Hampshire.....	407,208	136,460	154,143	1,086,029	210,000	2,264,371	.....	1,043,034	.....
New Jersey.....	23,150	122,348	4,780	3,760,802	210,000	2,264,371	.....	118,760	.....
New Mexico.....	1,022,326	2,201,856	526,740	3,760,802	210,000	2,264,371	.....	2,400,046	.....
New York.....	65,291	181,989	19,404	267,684	210,000	2,264,371	.....	.....	.....
North Carolina.....	10,000	200,000	118,628	1,513,539	362,532	430,441	.....	.....	.....
Ohio.....	627,404	1,367,532	118,628	2,264,371	362,532	430,441	.....	1,844,706	.....
Oklahoma.....	87,665	367,532	118,628	2,264,371	362,532	430,441	.....	1,844,706	.....
Oregon.....	82,408	241,858	337,043	281,954	267,684	127,397	.....	565,383	.....
Pennsylvania.....	1,404,483	664,180	20,183	2,137,397	107,998	.....	.....	.....	.....
Rhode Island.....	8,860	102,186	20,183	117,615	267,684	127,397	.....	.....	.....
South Carolina.....	87,665	180,079	.....	281,954	267,684	127,397	.....	.....	.....
Tennessee.....	26,830	301,276	11,772	339,331	267,684	127,397	.....	.....	.....
Texas.....	149,910	200,855	70,086	361,041	187,619	82,037	.....	.....	.....
Vermont.....	13,738	97,826	12,922	163,191	82,037	.....	.....	.....	.....
Virginia.....	274,196	145,140	4,315	187,619	82,037	.....	.....	.....	.....
Washington.....	288,807	286,531	.....	510,727	.....	.....	.....	.....	.....
West Virginia.....	65,600	147,830	.....	436,537	.....	.....	.....	.....	.....
Wisconsin.....	217,766	136,326	.....	203,225	.....	.....	.....	.....	.....
Wyoming.....	9,957	423,908	49,723	715,365	.....	.....	.....	.....	.....
Washington, D.C.	.....	104,790	377	115,074	.....	.....	.....	.....	.....
Hawaii.....	2,100	72,265	.....	22,265	.....	.....	.....	.....	.....
Canal Zone.....	10,874	3,000	.....	6,000	.....	.....	.....	.....	.....
Porto Rico.....	.....	58,036	.....	66,010	.....	.....	.....	.....	.....
Total.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Statistics for 1916-17.*  
 † Includes cost of new buildings.  
 ‡ Includes cost of new buildings and equipment.  
 § Includes cost of new buildings and equipment.  
 ¶ Includes cost of new buildings and equipment.  
 \*\* Includes cost of new buildings and equipment.  
 †† Includes cost of new buildings and equipment.  
 ‡‡ Includes cost of new buildings and equipment.  
 §§ Includes cost of new buildings and equipment.  
 ¶¶ Includes cost of new buildings and equipment.  
 ††† Includes cost of new buildings and equipment.  
 ‡‡‡ Includes cost of new buildings and equipment.  
 §§§ Includes cost of new buildings and equipment.  
 ¶¶¶ Includes cost of new buildings and equipment.  
 †††† Includes cost of new buildings and equipment.  
 ‡‡‡‡ Includes cost of new buildings and equipment.  
 §§§§ Includes cost of new buildings and equipment.  
 ¶¶¶¶ Includes cost of new buildings and equipment.  
 ††††† Includes cost of new buildings and equipment.  
 ‡‡‡‡‡ Includes cost of new buildings and equipment.  
 §§§§§ Includes cost of new buildings and equipment.  
 ¶¶¶¶¶ Includes cost of new buildings and equipment.  
 †††††† Includes cost of new buildings and equipment.  
 ‡‡‡‡‡‡ Includes cost of new buildings and equipment.  
 §§§§§§ Includes cost of new buildings and equipment.  
 ¶¶¶¶¶¶ Includes cost of new buildings and equipment.  
 ††††††† Includes cost of new buildings and equipment.  
 ‡‡‡‡‡‡‡ Includes cost of new buildings and equipment.  
 §§§§§§§ Includes cost of new buildings and equipment.  
 ¶¶¶¶¶¶¶ Includes cost of new buildings and equipment.  
 †††††††† Includes cost of new buildings and equipment.  
 ‡‡‡‡‡‡‡‡ Includes cost of new buildings and equipment.  
 §§§§§§§§ Includes cost of new buildings and equipment.  
 ¶¶¶¶¶¶¶¶ Includes cost of new buildings and equipment.  
 ††††††††† Includes cost of new buildings and equipment.  
 ‡‡‡‡‡‡‡‡‡ Includes cost of new buildings and equipment.  
 §§§§§§§§§ Includes cost of new buildings and equipment.  
 ¶¶¶¶¶¶¶¶¶ Includes cost of new buildings and equipment.

§ Included under auxiliary sciences.  
 § State and county superintendents only.  
 † Includes only salaries and expenses of State office and of deputy superintendents.  
 ‡ Included in column 3.  
 ¶ Included under outlays.  
 \*\* Included under outlays.  
 †† Included in column 8.



TABLE 61a.—Payments for instruction, 1917-18.

States.	Salaries and expenses of supervisors.				Salaries and expenses of principals.				Salaries of teachers.		
	Elementary schools.	Secondary schools.	Total.		Elementary schools.	Secondary schools.	Total.		Elementary schools.	Secondary schools.	Total.
	2	3	4	5	6	7	8	9	10		
Continental United States.....	\$1,532,264	\$253,052	\$2,072,098	\$4,056,389	\$3,143,766	\$15,613,640	\$94,067,116	\$25,966,926	\$402,298,516		
Alabama.....			37,054			1,061,390			3,211,264		
Arizona.....			88,306			112,543	1,367,010	331,057	1,826,067		
Arkansas.....			( )			( )			2,664,577		
California.....	287,615		207,015	2,397,224	679,656	3,076,830	11,367,316	6,117,120	1,664,577		
Colorado.....			( )			( )			5,421,875		
Connecticut.....	219,830	12,203	230,072	329,708	95,272	424,980	4,105,707	1,045,690	5,151,367		
District of Columbia.....			( )			( )			598,328		
Florida.....	85,379		35,209	70,622	41,974	112,596	1,278,311	645,147	1,923,458		
Georgia.....	20,000	116,000	145,000	85,000	215,000	300,000	4,206,000	1,306,000	2,259,379		
Idaho.....			( )			( )			5,514,000		
Illinois.....			( )			( )			2,630,443		
Indiana.....	681,893	63,291	745,184	714,565	791,270	1,505,831	7,963,833	2,312,620	26,197,598		
Iowa.....			( )			( )			9,976,613		
Kansas.....			( )			( )			13,636,309		
Kentucky.....			( )			( )			8,415,731		
Louisiana.....			( )			( )			5,541,396		
Maine.....			( )			( )			3,727,596		
Maryland.....			( )			( )			9,676,613		
Massachusetts.....			76,572		48,000	46,000	2,015,152	632,882	2,653,997		
Michigan.....			( )			( )			3,821,065		
Minnesota.....			( )			( )			17,554,474		
Mississippi.....			( )			( )			14,899,096		
Missouri.....			( )			( )			12,217,925		
Montana.....		64,405							3,261,415		
Nebraska.....									13,498,892		
Nevada.....									3,872,960		
New Hampshire.....									7,451,322		
New Jersey.....									1,459,345		
New York.....									1,715,375		
New Mexico.....									15,192,012		
New Zealand.....	61,860	46,248	110,078	193,310	97,500	260,810	1,194,076	73,803	1,267,876		



New York.....	409,477	.....	.....	3,985,598	.....	.....	51,536,158
North Carolina.....	281,694	.....	.....	(1)	.....	.....	4,324,117
North Dakota.....	(1)	.....	.....	474,970	.....	.....	4,600,000
Olahe.....	(1)	.....	.....	(1)	.....	.....	23,893,924
Oklahoma.....	(1)	.....	.....	(1)	.....	.....	8,094,338
Oregon.....	(1)	.....	.....	(1)	.....	.....	4,459,375
Pennsylvania.....	(1)	.....	.....	(1)	.....	.....	31,228,303
Rhode Island.....	(1)	.....	.....	(1)	.....	.....	2,149,688
South Carolina.....	(1)	.....	.....	(1)	.....	.....	2,707,385
South Dakota.....	4,590	.....	.....	23,250	.....	.....	3,721,263
Tennessee.....	(1)	.....	.....	(1)	.....	.....	4,778,149
Texas.....	15,958	.....	.....	(1)	.....	.....	14,123,073
Utah.....	86,281	.....	.....	(1)	.....	.....	2,600,042
Vermont.....	(1)	.....	.....	(1)	.....	.....	1,390,647
Virginia.....	35,942	.....	.....	151,407	.....	.....	5,182,470
Washington.....	91,382	.....	.....	503,285	.....	.....	8,502,727
West Virginia.....	34,233	.....	.....	179,867	.....	.....	4,480,877
Wisconsin.....	7,280	.....	.....	486,270	.....	.....	8,229,599
Wyoming.....	3,940	.....	.....	81,101	.....	.....	1,082,729
Outlying Possessions.....	.....	.....	.....	.....	.....	.....	.....
Alaska.....	.....	.....	.....	.....	.....	.....	.....
Hawaii.....	.....	.....	.....	.....	.....	.....	.....
Canal Zone.....	.....	.....	.....	.....	.....	.....	.....
Puerto Rico.....	.....	.....	.....	.....	.....	.....	.....
TOTAL.....	.....	.....	.....	.....	.....	.....	.....

1 Included with salaries of teacher.  
 2 Reported in column 7.  
 3 Excluding salaries of teachers in vocational and in night schools.  
 4 Included in column 4.  
 5 Salaries and expenses of 296 district superintendents only.  
 6 For vocational purposes only.  
 7 Includes \$33,864 paid to teachers in vocational schools.  
 8 Distribution between elementary and secondary can not be used in computing a average annual salaries.



TABLE 61b.—Payments for instruction, 1917-18.—Continued.

States.	Payments for textbooks.			Supplies used in instruction and all other expenses of instruction.			Total payments for instruction.		
	Elementary schools.	Secondary schools.	Total.	Elementary schools.	Secondary schools.	Total.	Elementary schools.	Secondary schools.	Total.
Continental United States.....	\$895,128	\$276,189	\$7,860,078	\$1,407,176	\$828,060	\$15,183,714	\$125,069,045	\$39,783,024	\$444,138,046
Alabama.....	34,860	0	34,860	109,501	39,160	148,661	1,931,371	390,237	4,377,460
Arkansas.....	120,101		120,101			(1)	14,172,338	6,796,729	20,969,067
California.....			(1)			(1)			5,421,875
Colorado.....							5,245,754	1,247,159	6,492,913
Connecticut.....	119,431	27,714	147,145	471,099	99,290	570,329	1,590,318	719,022	2,309,340
Delaware.....	36,063		24,512	160,113	32,407	192,514	1,978,842	398,960	2,377,801
District of Columbia.....			8,829	104,362	20,000	124,362	4,451,362	1,658,000	6,109,362
Florida.....	3,000	2,000	5,000						2,820,840
Georgia.....			73,081			120,316			26,198,897
Idaho.....			1,056,059			1,464,318	27,500,977	5,997,414	24,998,397
Illinois.....			116,444			1,364,173	9,080,571	3,167,190	13,571,734
Indiana.....						2,073,508			13,796,349
Iowa.....									9,828,128
Kentucky.....			4,634			9,367			5,555,387
Louisiana.....				69,407	21,139	90,546	3,128,115	941,732	4,069,847
Maine.....	150,104	73,962	224,066			15,225	2,165,256	690,807	2,871,545
Maryland.....	269,179	146,190	431,155	233,307	587,877	1,069,443	13,328,983	5,462,034	19,645,072
Massachusetts.....			(1)						14,894,026
Michigan.....						912,348			13,139,273
Minnesota.....						13,953			3,942,866
Mississippi.....									13,445,628
Missouri.....			257,806			204,100			4,367,107
Montana.....						(1)			8,042,080
Nebraska.....			591,078						606,969
Nevada.....			71,444			284,948			2,086,767
New Hampshire.....			464,736			747,021			16,403,769
New Jersey.....				30,200	15,283	45,483	1,469,415	234,634	1,704,249
New Mexico.....									

STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918.

New York	930,136	1,895,309	58,397,689	5,105,952	171,332
North Carolina	(*)	(1)	4,810,511	14,125,073	965,967
North Dakota	339,084	186,125	4,830,283	2,815,803	100,545
Ohio	(*)	729,407	25,436,283	1,907,675	1,308,401
Oklahoma	1,128,940	1,044,173	5,663,391	5,877,283	
Oregon	(*)	187,984	18,707,503	1,106,283	
Pennsylvania	1,146,079	25,808	6,993,253	449,216	
Rhode Island	0	311,855			
South Carolina	0	144,281			
South Dakota	0	24,669			
Tennessee	0	18,859			
Texas	9,876	25,357			
Utah	56,233	119,712	2,283,237	632,366	
Vermont	27,863	59,878	1,147,059	360,666	
Virginia	9,268	25,357			
Washington	59,244	487,566	6,716,922	2,380,572	
West Virginia	7,159	66,403	4,213,878	615,776	
Wisconsin	217,820	83,672			
Wyoming	51,161	440,352			
Outlying Possessions		40,112	1,007,914	169,876	
Alaska					
Hawaii					
Samoa					
Porto Rico	4,000	32,316	131,654	39,678	
			23,271	70,455	20,770
			6,429	1,161,927	139,496
			42,316		

\* Included under operation.  
 † Includes also cost of supplies and other expansion of instruction in day schools.  
 ‡ Cost in evening schools only.  
 § Includes \$5,794, the cost of textbooks for evening schools.  
 ¶ Includes only the cost of elementary evening and vacation schools.  
 †† Includes only the cost of special and of evening secondary schools.  
 ‡‡ Includes \$248,269, not separable into elementary and secondary.  
 §§ Included in column 7.  
 ¶¶ Included in column 4.



TABLE 52.—Payments for operation of school plant, 1917-18.

State.	Wages of janitors, engineers, etc.			Cost of fuel, water, light, power, janitors' supplies, and other operation costs.			Total cost of operation.		
	Elementary schools.	Secondary schools.	Total.	Elementary schools.	Secondary schools.	Total.	Elementary schools.	Secondary schools.	Total.
	2	3	4	5	6	7	8	9	10
Continental United States.....	\$2,989,481	\$1,211,252	\$22,007,029	\$4,220,730	\$1,009,991	\$25,115,179	\$16,872,533	\$5,970,019	\$112,011,558
Alabama.....	126,071	23,810	114,593	43,758	11,284	136,304	169,829	35,994	250,897
Arkansas.....	1,388,002	784,871	2,172,873	2,491,519	1,285,190	3,796,709	3,879,321	2,060,081	214,923
California.....	424,545	84,933	509,573	551,186	121,778	672,964	957,731	206,736	660,135
Colorado.....	125,419	63,011	188,430	102,100	34,785	136,885	227,519	97,798	5,899,352
Connecticut.....	40,970	9,000	49,970	100,000	20,000	120,000	140,970	20,000	2,061,114
Delaware.....									1,182,487
District of Columbia.....									1,113,867
Florida.....									325,315
Georgia.....									101,785
Idaho.....									169,970
Illinois.....									871,035
Indiana.....									5,961,635
Iowa.....									5,828,599
Kansas.....									3,740,360
Kentucky.....									4,482,068
Louisiana.....									1,192,002
Maine.....									151,440
Maryland.....									570,897
Massachusetts.....									81,035
Michigan.....									3,882,703
Minnesota.....									8,039,308
Mississippi.....									2,791,294
Missouri.....									2,180,404
Montana.....									4,080,712
Nebraska.....									932,546
Nevada.....									3,273,753
New Hampshire.....									188,364
New Jersey.....									362,573
New York.....									2,779,048
New Mexico.....									146,920

New York.....	3,605,398			3,514,198			7,149,590
North Carolina.....							7,381,837
North Dakota.....							*2,500,000
Ohio.....	2,365,809			2,916,974			5,282,873
Oklahoma.....							951,929
Oregon.....							494,470
Pennsylvania.....	211,480			257,724			22,061,500
Rhode Island.....							449,204
South Carolina.....							325,338
South Dakota.....							349,516
Tennessee.....	184,473			250,803			435,776
Texas.....	242,287			252,341			3,000,000
Utah.....	183,418		214,872	408,200			494,628
Vermont.....	48,869		37,469	233,590			313,624
Virginia.....	82,827		152,692	50,886			609,724
Washington.....				393,740			
West Virginia.....	26,171		18,587	294,799			1,167,456
Wisconsin.....	329,726		276,122	1,492,017			593,941
Wyoming.....				85,551			2,388,026
Outlying Possessions.....							184,948
Alaska.....							1,101,573
Hawaii.....							*216,448
Canal Zone.....							11,060
Puerto Rico.....							110,527

† Includes fixed charges.  
 ‡ Includes maintenance and fixed charges.  
 § Includes maintenance, auxiliary agencies, and fixed charges.  
 ¶ Includes auxiliary agencies, fixed charges, and interest.  
 †† Includes all expenses except for general control and instruction.



TABLE 53a.—Payments for auxiliary agencies, 1917-18.

States.	Libraries.			Promotion of health.			Transportation of pupils.		
	Elementary schools.	Secondary schools.	Total.	Elementary schools.	Secondary schools.	Total.	Elementary schools.	Secondary schools.	Total.
1	2	3	4	5	6	7	8	9	10
Continental United States.....	\$273,049	\$154,015	\$2,188,269	\$59,871	\$7,366	\$1,222,334	\$906,571	\$328,138	\$7,061,291
Arizona.....	9,557	4,844	14,401						
California.....	191,180	89,577	280,757				52,329	220,458	272,787
Colorado.....			22,138						
Connecticut.....	16,584	6,963	23,547	25,067	1,406	26,533	197,123	13,562	210,685
Delaware.....			338						
District of Columbia.....	0	9,079	9,079	14,406	3,536	17,941	0	325	325
Florida.....			12,163						95,158
Georgia.....	7,284	2,000	9,284	5,340	1,000	6,340	34,996	2,000	36,996
Idaho.....			23,000						178,500
Illinois.....			98,431			47,013			71,263
Indiana.....									1,251,460
Iowa.....			67,753						734,141
Kansas.....			(1)			(1)			(1)
Kentucky.....									13,009
Louisiana.....	3,822	9,239	13,061				160,208	32,855	193,063
Maine.....				5,871		5,871	201,710	11,572	213,288
Maryland.....			12,730						30,431
Massachusetts.....			7,412			216,482			582,081
Michigan.....			346,792						89,967
Minnesota.....			137,834						538,532
Mississippi.....									79,184
Missouri.....			306,514						
Montana.....			663,203						143,759
Nebraska.....			27,001						
Nevada.....			3,185						
New Hampshire.....									144,366
New Jersey.....			29,823			284,704			529,527
New Mexico.....			2,905			1,576			14,173
New York.....			277,330			363,804			367,553
North Carolina.....			18,467						
North Dakota.....									390,000
Ohio.....			158,519			129,257			1,066,084
Oklahoma.....	37,989	30,076	68,065						
Oregon.....			20,783						
Pennsylvania.....			(1)			(1)			(1)
Rhode Island.....			20,884			28,943			21,633
South Carolina.....			7,480						25,323
South Dakota.....									68,564
Tennessee.....			12,312						40,265
Texas.....									30,000
Utah.....				4,297		4,297	59,090	47,306	107,350
Vermont.....	6,713	2,237	8,950	4,091	1,364	5,455	200,209		200,209
Virginia.....			6,787			29,338			105,606
Washington.....			(1)			(1)			(1)
Wisconsin.....			30,477			50,712			144,658
Wyoming.....			33,201			1,667			29,755
Outlying Possessions.									
Hawaii.....			4,869						
Canal Zone.....						1,560			3,000
Porto Rico.....			832						

<sup>1</sup> Included under operation.  
<sup>2</sup> Estimated.

<sup>3</sup> Included under grand total of auxiliary agencies.

STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918. 191

TABLE 531.—Payments for auxiliary agencies, 1917-18 (continued), and payments of interest on indebtedness.

States.	Other auxiliary agencies.			Total payments for auxiliary agencies.			Interest on indebtedness.
	Elementary schools.	Secondary schools.	Total.	Elementary schools.	Secondary schools.	Total.	
1	2	3	4	5	6	7	8
Continental United States.	\$735,616	\$154,124	\$9,737,937	\$3,253,794	\$590,266	\$21,463,281	\$15,154,585
Arizona.....	151,800	34,134	185,934	161,357	24,577	200,335	190,132
California.....				243,509	310,035	553,544	300,718
Colorado.....						22,136	338,099
Connecticut.....	158,677	18,100	176,843	397,451	40,157	437,608	10,988
Delaware.....						338	
District of Columbia.....	3,700	22,983	26,683	18,105	35,923	54,028	
Florida.....			348,569			455,881	429,123
Georgia.....				47,540	5,000	52,540	
Idaho.....						201,500	307,000
Illinois.....			1,248,503	1,279,487	185,723	1,465,210	854,181
Indiana.....						1,251,460	
Iowa.....			1,017,341			2,719,240	1,045,131
Kansas.....			( <sup>1</sup> )			( <sup>1</sup> )	
Kentucky.....						13,908	100,932
Louisiana.....				164,030	42,094	206,124	46,568
Maine.....				207,587	11,572	219,159	
Maryland.....						59,416	( <sup>2</sup> )
Massachusetts.....			13,574				
Michigan.....			300,302			1,106,877	
Minnesota.....			1,683,262			436,779	
Mississippi.....						2,359,628	( <sup>3</sup> )
Missouri.....						79,184	
Montana.....						306,514	
Nebraska.....			399,383			606,345	291,039
Nevada.....						27,901	( <sup>1</sup> )
New Hampshire.....						3,185	
New Jersey.....			20,357			144,366	63,990
New Mexico.....			79,688			874,411	2,322,515
New York.....			750,702			98,342	( <sup>2</sup> )
North Carolina.....						1,699,391	1,504,761
North Dakota.....						18,467	58,407
Ohio.....						390,000	300,000
Oklahoma.....			1,438,214			2,793,074	2,501,524
Oregon.....	421,439	78,841	500,280	459,428	109,817	569,245	971,681
Pennsylvania.....			( <sup>1</sup> )			26,753	( <sup>1</sup> )
Rhode Island.....						( <sup>1</sup> )	( <sup>1</sup> )
South Carolina.....			143,915			221,875	147,137
South Dakota.....			( <sup>4</sup> )			32,803	130,130
Tennessee.....						68,554	300,193
Texas.....						52,567	
Utah.....						30,000	1,258,200
Vermont.....				64,287	47,366	111,653	271,452
Virginia.....				211,013	3,601	214,614	( <sup>1</sup> )
Washington.....			109,660			251,360	88,740
West Virginia.....			( <sup>5</sup> )			353,450	998,103
Wisconsin.....			383,436				83,283
Wyoming.....						609,253	162,681
Outlying Possessions.						64,643	21,647
Hawaii.....						4,869	
Canal Zone.....						4,500	0
Porto Rico.....			2,590			3,442	

\* Statistics for 1916-17.  
<sup>1</sup> Included under operation.  
<sup>2</sup> Under control of boards of estimates.  
<sup>3</sup> Included under payment of bonds and short-term loans.  
<sup>4</sup> Included under maintenance.  
<sup>5</sup> Included in column 8.

TABLE 54.—Payments for capital outlays and new equipment, 1917-18.

States.	Cost of new buildings and grounds, alteration of old buildings (not repairs).				Cost of new equipment (not replacements).			Total payments for outlays and new equipment.			
	Elementary schools.		Secondary schools.		Elementary schools.		Secondary schools.	Elementary schools.		Secondary schools.	Total.
	1	2	3	4	5	6	7	8	9	10	
Continental United States.....	\$8,555,256	\$3,536,473	\$64,458,332	\$1,142,637	\$535,029	\$8,562,026	\$13,818,441	\$5,698,399	\$119,082,944		
Alabama.....			563,404			139,681			703,065		
Arizona.....			315,981	(1)	85,455	123,120			439,101		
Arkansas.....						22,316			22,316		
California.....						2,665	3,204,917	2,083,904	5,259,821		
Colorado.....									1,639,623		
Connecticut.....									1,421,944		
Delaware.....							1,011,186	410,668	50,345		
District of Columbia.....	90,224	50,094	140,328	86,894	62,035	138,929	177,128	102,129	279,267		
Florida.....	409,444	100,000	837,867	509,444	90,000	114,632	499,444	124,632	977,183		
Georgia.....									624,076		
Idaho.....									606,500		
Illinois.....	5,549,089	2,342,520	498,000	7,891,609	496,536	357,232	6,045,623	2,699,753	8,745,374		
Indiana.....									6,130,656		
Iowa.....									4,301,990		
Kansas.....									3,073,714		
Kentucky.....									47,351		
Louisiana.....									844,883		
Maine.....	175,123		699,032	175,123		175,861	175,123		175,123		
Maryland.....									311,411		
Massachusetts.....									3,929,212		
Michigan.....									7,044,294		
Minnesota.....									4,843,700		
Missouri.....									2,632,995		
Montana.....									2,406,821		
Nebraska.....									37,292		
Nevada.....									126,330		
New Hampshire.....									5,452,900		
New Jersey.....									1,595,304		
New Mexico.....									5,639,383		
New York.....									833,028		



North Carolina.....	1,017,837	143,279	895,133	1,161,216
North Dakota.....	8,709,211	848,207	.....	1,800,000
Ohio.....	2,330,903	165,063	1,600,832	9,557,418
Oklahoma.....	1,488,075	.....	.....	2,495,995
Oregon.....	746,077	32,305	.....	746,077
Pennsylvania.....	.....	.....	.....	11,101,635
Rhode Island.....	661,626	31,711	.....	660,036
South Carolina.....	* 412,522	* 11,211	.....	* 499,247
South Dakota.....	1,131,628	209,533	.....	1,364,039
Tennessee.....	1,439,623	176,885	.....	1,616,508
Texas.....	* 4,193,044	* 930,600	.....	* 5,123,724
Utah.....	945,401	92,235	.....	1,037,636
Vermont.....	159,130	12,532	.....	1,171,682
Virginia.....	987,314	118,376	171,682	1,066,900
Washington.....	1,615,394	538,194	.....	2,153,588
West Virginia.....	865,105	299,503	932,507	1,154,068
Wisconsin.....	2,654,605	452,455	222,191	3,107,060
Wyoming.....	178,622	49,220	.....	228,052
<i>Outlying Possessions.</i>	.....	.....	.....	.....
Hawaii.....	541,477	7,700	.....	541,477
Canal Zone.....	325,557	98,561	424,118	7,700
Puerto Rico.....	.....	.....	.....	424,118

\* Statistics for 1916-17.

† Included under maintenance.

‡ Included under operation.

§ Includes maintenance.



TABLE 55.—Recapitulation of payments for current expenses, 1917-18.

States.	Miscellaneous current expenses.											Grand total.
	General control.	Instruction.			Operation of school plant.				Maintenance of school plant.	Auxiliary agencies.	Fixed charges.	
1	2	3	4	5	6	7	8	9	10	11	11	
Continental United States.....	\$25,179,311	\$427,045,724	\$21,053,792	\$112,011,558	\$20,940,848	\$21,403,291	\$5,701,516	\$15,154,585	\$175,277,788	\$644,595,145		
Alabama.....	304,858	4,320,095	40,902	250,897	151,024	200,335	285,240	190,132	680,401	5,363,119		
Arizona.....	81,000	3,834,077	183,521	690,155	328,682	200,000	28,917	1,043,742	1,043,742	3,994,332		
California.....	814,024	20,845,966	120,101	5,959,582	290,453	553,544	300,000	1,073,579	2,143,903	28,857,070		
Colorado.....	277,755	5,421,875		2,061,114		22,130		300,718		8,063,598		
Connecticut.....	290,436	5,815,639	677,474	1,192,467	500,266	437,008	338,099	16,988	2,464,440	9,247,789		
Delaware.....	25,372	596,228	36,843	113,867	32,826	338	946		104,965	625,528		
District of Columbia.....	44,805	2,071,263	228,577	325,315	190,002	54,058	14,401	429,123	559,809	2,904,014		
Florida.....	187,989	2,377,202	5,809	101,765	122,284	455,881	35,245		1,145,328	3,096,948		
Georgia.....	337,014	5,869,000	129,352	189,970	118,062	32,540	222,010		562,008	6,987,994		
Idaho.....	216,970	2,635,443	183,997	871,035	140,000	201,590	390,463	307,000	1,325,335	4,572,345		
Illinois.....	1,662,873	27,648,629	1,549,358	6,861,653	3,236,800	1,465,210	890,463	854,191	11,868,409	42,760,869		
Indiana.....	629,878	24,223,561	1,344,173	2,538,399		1,251,460	90,774	1,045,131	7,196,257	21,447,019		
Iowa.....	173,354	13,099,339	2,180,040	4,760,390		2,710,240			8,904,731	21,476,474		
Kansas.....	716,701	8,328,138		4,483,083					4,482,983	14,028,630		
Kentucky.....	349,713	5,541,398	14,001	1,192,002	1,049,498	13,098	27,900	100,832	2,383,510	8,908,640		
Louisiana.....	245,231	3,885,394	84,543	151,440	29,157	296,134	355,199	40,385	2,858,484	5,173,569		
Maine.....	142,064	3,682,067	239,291	679,897	336,051	219,159	107,399		1,342,473	4,256,865		
Massachusetts.....	237,373	1,077,087	361,177	581,055	215,520	59,110	109,904		995,015	3,672,424		
Michigan.....	1,189,551	17,561,474	2,090,598	3,892,733	1,218,789	1,406,877	115,644		6,322,923	27,158,576		
Minnesota.....	802,839	11,898,026		8,939,308		136,779			9,376,067	25,076,932		
Missouri.....	816,863	17,217,925	912,348	2,790,281	1,051,105	2,376,628			6,201,017	29,148,243		
Mississippi.....	182,000	3,829,413	13,953	1,960,404		79,184			230,588	4,263,954		
Montana.....	72,860	13,088,882		4,080,712		399,514			4,387,226	17,969,068		
Nebraska.....	566,941	4,105,141	461,906	952,546	308,045	640,315			201,039	7,272,063		

STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918.

Nevada.....	131,480	7,451,002	591,078	3,273,753	499,922	27,901	73,787	.....	3,901,476	11,975,036
New Hampshire.....	27,050	500,363	356,392	186,364	37,292	3,185	188,341	.....	228,841	3,705,256
New Jersey.....	188,610	1,713,375	1,211,757	382,373	109,914	144,396	312,785	63,690	7,531,643	24,791,411
New Mexico.....	1,068,029	13,192,012	45,483	2,779,048	1,043,001	874,411	57,096	2,322,315	42,127	2,276,604
New York.....	150,228	1,653,766	45,483	146,920	119,769	98,342	.....	.....	.....	.....
North Carolina.....	3,760,802	55,872,193	2,325,506	7,149,500	2,400,046	1,699,791	616,601	1,504,761	13,370,899	75,545,979
North Dakota.....	270,664	4,500,000	185,126	2,500,000	.....	18,467	46,038	38,467	2,199,000	5,355,104
Oklahoma.....	2,354,371	24,370,884	1,084,501	5,232,873	1,944,706	2,793,074	738,054	2,501,524	13,250,981	40,940,597
Oregon.....	363,532	8,399,588	.....	631,926	1,531,117	569,245	184,173	971,631	3,209,175	11,670,245
Rhode Island.....	294,564	4,459,375	.....	404,470	585,385	26,783	913,635	.....	2,030,246	6,784,185
South Carolina.....	2,357,676	31,226,303	2,773,138	22,081,570	7,167,998	221,875	.....	147,137	22,001,500	58,418,612
South Dakota.....	122,869	2,159,668	187,964	449,204	.....	32,803	.....	130,130	948,271	3,456,735
Tennessee.....	126,475	2,711,965	1,146,079	325,338	.....	68,551	.....	300,143	1,646,087	4,172,790
Texas.....	269,134	3,743,545	28,896	949,316	907,424	.....	.....	.....	.....	5,127,264
Vermont.....	339,331	4,794,107	311,856	435,276	122,144	82,567	29,276	1,268,300	640,293	6,085,556
Virginia.....	361,041	14,126,073	229,490	3,000,000	574,329	30,000	25,115	271,462	4,941,644	19,433,968
Washington.....	260,660	2,686,323	117,028	494,628	286,530	11,683	25,892	.....	1,144,235	4,318,718
West Virginia.....	183,191	1,590,647	21,474	313,531	109,373	114,661	5,404	.....	1,694,231	4,365,097
Wisconsin.....	516,727	5,549,819	21,474	608,734	163,613	291,360	27,838	88,740	1,320,797	7,218,817
Wyoming.....	636,637	9,097,394	487,566	1,167,456	525,903	353,450	23,892	999,103	3,048,794	13,090,301
Alaska.....	203,225	4,702,279	130,370	505,941	211,252	.....	.....	88,298	800,856	5,896,335
Hawaii.....	715,895	8,897,113	658,172	2,388,026	896,660	609,283	221,181	162,851	4,278,861	14,549,531
Canal Zone.....	116,071	1,177,780	91,573	164,648	89,709	64,643	50,923	21,647	391,930	1,776,307
Outlying Possessions.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Alaska.....	22,266	171,332	23,271	101,673	.....	4,969	3,249	.....	101,673	272,006
Hawaii.....	5,700	942,693	9,420	216,448	.....	4,500	.....	.....	224,866	1,212,799
Canal Zone.....	69,010	91,125	42,316	110,521	13,200	3,442	116,189	.....	128,700	341,945
.....	.....	1,330,145	.....	.....	19,198	.....	.....	.....	136,839	1,360,300

TABLE 56.—Grand recapitulation of expenditures, 1917-18.

States.	General control.	Instruction.	Miscellaneous current expenses.	Outlays—New buildings, sites, and new equipment.	Total of preceding columns (not including debt service).	Debt service.		
						Payments of bonds and short-term loans.	Payments of transfers to sinking funds.	
	2	3	4	5	6	7	8	
Continental United States.....	\$25,179,311	\$444,139,046	\$175,277,798	\$119,082,944	\$763,678,080	\$10,020,342		\$4,985,981
Alabama.....	304,858	4,377,460	690,801	703,085	6,040,204			
Arizona.....	81,968	2,222,537	780,827	439,101	3,533,433		89,931	49,112
Arkansas.....	91,000	3,834,677	1,040,766	22,316	4,991,759			
California.....	814,424	20,969,067	7,073,579	5,285,821	34,115,891		1,237,428	
Colorado.....	227,755	5,421,675	2,443,908	1,639,623	9,733,221		261,242	
Connecticut.....	290,436	6,492,913	2,464,440	1,421,844	10,669,633		458,248	
Delaware.....	25,372	635,191	164,965	50,348	875,876		36,050	
District of Columbia.....	44,905	2,299,840	539,869	279,237	3,183,851		523,636	0
Florida.....	167,989	2,395,631	1,145,328	977,163	4,674,111		1,126,978	
Georgia.....	337,014	6,098,362	562,068	624,076	7,612,060			
Illinois.....	216,070	2,929,840	1,529,535	695,500	5,178,945		162,000	
Indiana.....	1,083,473	29,136,377	11,068,979	8,735,858	51,066,733		1,496,953	
Iowa.....	498,423	13,471,294	1,867,827	1,181,856	20,020,400			
Kansas.....	173,304	13,798,346	1,504,731	4,801,390	26,277,854		783,375	
Kentucky.....	718,701	8,829,136	4,983,083	3,073,714	17,107,644			
Louisiana.....	349,713	5,555,367	2,393,540	47,351	8,355,991		342,931	
Maine.....	245,234	4,069,847	858,488	844,893	6,014,452		1,311,737	352,689
Maryland.....	142,104	2,871,346	1,242,473	175,123	4,431,068		31,071	
Massachusetts.....	237,375	4,439,134	995,915	311,411	5,985,835			
Michigan.....	1,180,581	19,645,072	6,323,923	3,926,212	31,084,798			
Minnesota.....	802,689	14,896,025	9,376,087	7,044,294	32,121,246		2,671,701	
Mississippi.....	818,933	13,130,273	6,204,017	4,843,700	24,997,003		1,462,897	
Missouri.....	182,000	3,842,866	239,598		4,263,654			
Montana.....	72,660	13,495,062	4,387,229	1,929,333	22,684,391			
Nebraska.....	566,941	4,367,107	2,138,013	2,083,989	9,365,062		383,612	

Nebraska.....	131,480	8,042,060	3,801,476	2,406,821	14,351,857	233,249	567,164
Nevada.....	27,050	2,099,365	228,841	37,292	8,902,548	131,978	
New Hampshire.....	186,619	2,099,767	734,630	152,900	3,241,431	431,786	
New Jersey.....	1,056,029	16,403,769	7,331,643	1,966,304	31,871,908	430,642	
New Mexico.....	150,228	1,704,249	422,127	1,966,304	3,871,908		
New York.....	3,760,002	58,397,688	13,370,399	5,529,382	81,038,361	3,207,423	85,313
North Carolina.....	267,664	6,614,611	1,161,716	1,161,716	6,544,320	111,106	123,840
North Dakota.....	210,000	4,685,123	3,199,000	1,801,000	9,894,125	280,000	450,000
Ohio.....	2,254,371	25,435,395	13,250,831	9,557,418	50,498,015	4,903,229	1,073,200
Oklahoma.....	363,532	8,099,538	3,208,175	2,495,965	14,106,210		
Oregon.....	294,564	4,459,375	2,030,246	746,077	7,530,262	943,868	
Rhode Island.....	2,357,676	33,999,436	22,061,500	11,101,635	69,530,247	57,000	
South Carolina.....	122,369	2,347,632	965,714	565,038	4,048,771	108,453	
South Dakota.....	126,475	3,858,044	488,271	492,247	4,965,037	839,576	
Tennessee.....	289,134	3,772,443	1,665,687	1,354,639	7,081,906		
Texas.....	339,331	5,705,062	640,263	1,016,458	7,702,014	317,602	2,265,798
Utah.....	361,041	14,125,073	4,947,844	5,123,734	24,557,621	936,454	
Vermont.....	260,640	2,915,803	1,424,205	1,171,693	2,526,779	50,328	
Virginia.....	163,091	1,377,013	639,721	1,171,693	8,304,507	489,864	
Washington.....	458,637	9,584,960	3,088,794	2,173,598	15,263,079	907,662	
West Virginia.....	203,225	4,832,654	3,800,456	1,154,698	6,901,033	183,330	78,700
Wisconsin.....	715,395	9,555,285	4,278,851	3,107,060	17,636,591	2,145,580	
Wyoming.....	115,074	1,209,363	301,930	229,052	2,004,419	33,191	
Outlying Possessions.....							
Alaska.....		171,332	101,673		272,906		
Hawaii.....		965,917	224,566	541,477	1,754,276		
Cape Verde.....		100,645	28,700	7,700	132,745	0	0
Porto Rico.....		1,308,461	138,529	424,118	1,943,418		

TABLE 57.—Miscellaneous percentages and relationships, 1917-18.

States.	Per capita costs of education.															
	Per cent of total enrollment in high school.	Per cent of school term not attended.	Per cent of rural school buildings having only one room.	Value of school property for each child enrolled.	Per-centage of school fund per pupil enrolled.	Value of school lands per pupil enrolled.	Income from funds and lands per pupil.	Per pupil enrolled.			Per pupil attending.			Daily cost per pupil attending.		
								Total cost for total population.	For current expenses.	For outlays.	For current expenses.	For outlays.	For current expenses.	For outlays.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Continental United States.....	9.3	26.4	76	\$95.12	\$1.7	\$23	\$1.03	\$7.26	\$39.91	\$2.71	\$41.45	\$7.07	.....	.....	.....	.....
Alabama.....	5.4	40.6	54	27.02	4	2	.29	2.53	9.35	1.22	15.69	2.07	13	13	13	1
Arizona.....	6.6	39.1	56	75.26	6	674	1.84	12.99	45.52	6.46	74.81	10.61	46	46	46	7
Arkansas.....	2.5	25.0	81	36.12	2	1	.12	2.79	10.77	.05	16.63	10.07	14	14	14	7
California.....	10.0	28.6	52	149.47	12	206	2.94	10.94	47.88	8.73	67.18	12.22	39	39	39	7
Colorado.....	12.1	31.2	28	94.64	25	.....	.....	9.59	40.31	8.17	58.65	11.89	35	35	35	7
Connecticut.....	10.9	21.5	91	124.83	13	.....	.....	8.30	37.92	5.83	48.14	7.44	27	27	27	4
Delaware.....	12.6	23.3	78	212.10	13	.....	.....	8.94	27.11	1.57	40.72	5.84	20	20	20	4
District of Columbia.....	12.6	23.3	78	212.10	13	.....	.....	8.94	27.11	1.57	40.72	5.84	20	20	20	4
Florida.....	5.4	30.1	80	54.08	8	5	.32	1.80	18.82	4.97	26.82	7.12	21	21	21	5
Georgia.....	5.4	32.0	69	22.88	.....	.....	.....	2.59	10.28	.92	15.17	1.36	11	11	11	1
Iowa.....	11.4	28.8	65	105.71	62	333	0.45	11.22	43.06	5.78	61.28	8.07	41	41	41	5
Illinois.....	10.3	11.6	89	142.06	19	12	1.67	8.15	39.29	8.03	41.41	9.10	28	28	28	6
Indiana.....	12.8	7.1	72	119.96	22	.....	.....	9.66	38.02	10.86	40.94	11.77	26	26	26	8
Iowa.....	10.1	25.4	90	97.47	9	.....	.....	13.16	46.15	9.05	61.87	12.14	31	31	31	7
Kansas.....	13.1	29.1	85	59.44	25	.....	.....	9.13	31.61	7.88	43.67	10.67	28	28	28	7
Kentucky.....	4.4	41.1	88	42.86	4	.....	.....	3.47	15.58	.09	26.38	1.15	18	18	18	3
Louisiana.....	7.2	28.2	64	43.22	7	6	.40	3.19	15.89	2.60	22.16	3.62	16	16	16	3
Maine.....	12.5	19.2	84	85.89	9	.....	.....	5.66	30.23	1.25	37.42	1.54	22	22	22	3
Maryland.....	5.5	31.0	73	58.06	2	.....	.....	4.32	21.11	1.32	35.00	1.93	21	21	21	1
Massachusetts.....	17.2	19.6	92	149.96	8	.....	.....	5.11	13.05	6.23	32.38	7.61	30	30	30	4
Michigan.....	11.6	20.2	87	108.76	8	.....	.....	10.25	38.28	10.74	47.94	13.44	28	28	28	8
Minnesota.....	10.4	23.5	95	129.25	59	51	2.34	10.62	41.27	9.92	53.83	12.90	27	27	27	8
Mississippi.....	5.4	36.0	61	8.97	2	.....	.....	2.13	7.89	.....	12.32	.....	9	9	9	8
Missouri.....	9.3	23.7	87	141.90	22	.....	.....	6.61	27.83	7.42	33.32	9.77	22	22	22	6
Montana.....	9.5	25.5	94	146.75	54	545	9.80	19.14	59.61	16.69	80.51	22.96	15	15	15	15

STATISTICS OF STATE SCHOOL SYSTEMS, 1917-1918.

Nebbraska.....	9.7	28.3	88	64.80	31	93	1.35	11.09	39.92	8.03	55.86	11.24	34	7
Nevada.....	10.5	28.1	81	166.67	181	2	11.24	6.99	52.71	2.87	73.37	3.57	43	2
New Hampshire.....	18.1	20.3	74	109.73	14	.....	.....	7.03	46.64	1.90	57.18	2.40	33	1
New Jersey.....	8.9	24.6	50	142.90	17	.....	.49	9.52	44.09	9.70	68.51	12.86	32	1
New Mexico.....	4.4	54.1	55	51.90	4	505	6.55	8.86	27.67	17.62	40.88	28.30	26	18
New York.....	10.1	22.2	76	157.86	6	.....	.22	7.61	45.32	3.22	58.12	4.24	31	2
North Carolina.....	2.9	34.9	59	22.55	1	1	.....	2.65	48.90	1.83	12.97	2.60	11	2
North Dakota.....	6.9	28.1	81	92.24	111	186	7.05	12.90	48.17	10.71	67.81	15.09	44	1
Ohio.....	14.0	19.7	90	134.73	4	2	3.34	9.88	43.01	10.04	48.20	11.28	30	1
Oklahoma.....	6.4	36.7	72	94.61	38	9	.....	5.96	21.17	4.62	35.00	7.40	22	2
Oregon.....	15.5	10.3	83	65.40	45	.....	2.63	5.40	46.60	5.12	51.85	5.71	28	4
Pennsylvania.....	8.2	18.0	72	121.97	3	.....	.....	7.43	38.56	7.13	47.87	9.05	27	5
Rhode Island.....	9.5	25.2	71	24.94	0	0	.....	6.33	37.62	6.45	47.83	8.21	26	4
South Carolina.....	9.4	34.6	65	94.49	123	014	8.65	2.99	11.34	1.25	17.48	1.83	15	2
South Dakota.....	5.2	31.4	78	28.61	4	.....	.22	9.03	41.30	9.78	63.30	13.00	31	8
Tennessee.....	9.6	28.3	42	44.47	74	3	2.79	3.32	10.29	2.73	14.90	3.95	11	3
Texas.....	9.2	22.0	23	116.75	34	91	2.23	11.81	39.19	8.42	50.22	12.08	30	1
Utah.....	13.0	18.8	66	82.87	30	13	1.41	6.93	38.12	2.76	47.65	3.12	25	2
Vermont.....	6.1	32.1	63	39.20	7	.....	.22	3.72	15.00	2.26	22.13	3.32	10	2
Virginia.....	14.0	23.7	54	139.24	52	68	3.21	9.19	48.81	2.26	67.19	11.13	39	6
Washington.....	5.2	26.6	87	63.84	3	.....	.....	4.86	18.40	3.91	26.23	5.73	31	1
West Virginia.....	11.0	26.8	87	133.61	11	.....	.....	10.53	36.42	5.95	58.01	7.47	23	5
Wisconsin.....	8.8	19.9	79	91.09	43	9.43	12.68	10.53	46.42	.....	.....	.....	39	5
Wyoming.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Outlying Possessions.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Alaska.....	17.6	22.0	.....	.....	.....	.....	.....	4.24	81.68	.....	104.92	.....	63	.....
Hawaii.....	7.2	.....	.....	.....	.....	.....	.....	7.83	33.72	15.00	35.94	16.06	.....	.....
Canton Zone.....	8.2	28.4	.....	216.22	.....	.....	.....	4.35	48.65	2.78	68.74	3.92	58	2
Philippine Islands.....	8.2	.....	.....	12.45	.....	3	.....	.....	.....	.....	.....	.....	.....	.....
Porto Rico.....	2.4	26.4	.....	16.30	.....	.....	.....	1.56	11.16	3.00	14.86	3.98	.....	2

TABLE 58.—Levies of ad valorem taxes, 1912.

States.	Total.	For purposes other than schools by—					For schools by—				Total for schools.	School levy per cent of total levy.
		Other civil divisions.		County.		State.	County.	Other civil divisions.	State.			
		4	5	6	7					8		
1	2	3	4	5	6	7	8	9	10	11	12	
Continental United States.....	\$1,349,841,038	\$111,173,773	\$257,127,861	\$384,614,211	\$44,469,575	\$11,817,172	\$310,694,225	\$396,980,972	28.57			
Alabama.....	9,971,300	1,683,896	3,743,336	2,019,453	1,700,422	524,283	.....	2,224,685	22.31			
Arizona.....	4,317,943	.....	.....	.....	.....	.....	.....	.....	.....			
Arkansas.....	10,420,713	1,731,266	3,380,585	771,872	1,594,177	835,354	.....	4,271,262	27.64			
California.....	63,638,556	1,219,394	19,611,547	26,773,725	4,154,177	4,601,118	10,483,272	15,084,300	24.06			
Colorado.....	16,981,343	1,300,530	5,140,263	3,914,480	422,330	883,643	5,319,658	6,375,631	38.84			
Connecticut.....	16,488,928	.....	271,642	11,217,005	.....	3,915,996	1,054,285	5,000,281	30.33			
Delaware.....	1,791,222	.....	651,559	637,068	.....	.....	482,595	.....	26.94			
District of Columbia.....	5,395,984	.....	.....	5,398,984	.....	.....	.....	.....	.....			
Florida.....	8,435,625	1,384,283	2,625,778	2,324,175	212,988	1,317,387	371,114	2,101,390	24.91			
Georgia.....	18,414,332	4,211,792	6,683,798	5,130,164	.....	1,506,717	1,821,861	2,380,778	12.97			
Iowa.....	6,932,314	1,016,036	2,419,440	824,840	.....	938,468	1,733,330	2,691,938	38.72			
Illinois.....	81,833,660	4,452,978	12,265,429	33,321,857	4,452,978	30,340,618	11,838,776	34,734,336	41.01			
Indiana.....	45,643,721	3,172,943	10,181,328	17,017,403	3,333,271	725,082	13,253,637	15,272,017	33.46			
Iowa.....	26,569,785	2,652,183	10,786,201	8,570,459	369,223	477,706	9,282,378	14,317,812	39.23			
Kansas.....	27,685,225	3,486,280	6,283,008	8,604,933	.....	477,706	.....	9,760,084	34.99			
Kentucky.....	17,668,998	2,471,062	4,454,026	6,058,330	2,678,984	881,201	1,127,305	4,685,880	26.51			
Louisiana.....	14,431,677	2,327,450	2,221,682	7,040,034	908,335	1,504,156	.....	2,844,511	19.70			
Maine.....	8,997,106	1,809,082	677,416	4,598,961	1,460,262	.....	511,385	1,971,844	21.91			
Maryland.....	16,359,539	667,759	1,130,273	9,414,253	1,579,137	558,117	.....	1,117,284	12.94			
Massachusetts.....	182,565,585	6,250,000	2,730,149	41,734,916	.....	.....	18,916,269	15,916,269	22.91			
Michigan.....	47,997,705	9,564,265	6,302,772	20,629,249	688,000	.....	10,644,659	11,502,689	23.97			
Minnesota.....	35,107,842	3,649,552	6,098,518	15,094,152	1,649,041	1,384,612	9,334,867	12,965,520	31.02			
Mississippi.....	9,911,344	2,469,306	3,925,825	2,280,964	.....	588,429	646,760	1,235,189	12.46			
Missouri.....	35,490,627	3,528,049	8,032,306	13,819,507	.....	.....	10,110,765	10,110,765	28.49			
Montana.....	11,244,719	2,339,216	3,940,668	1,296,086	.....	1,616,651	2,052,073	3,668,724	32.63			
Nebraska.....	19,780,947	1,946,162	5,734,979	5,076,102	463,372	.....	6,560,332	7,023,704	35.51			
Nevada.....	2,275,375	1,491,187	1,131,475	139,649	115,239	308,770	79,053	533,084	22.11			
New Hampshire.....	4,528,444	1,508,948	866,479	2,912,477	.....	.....	1,697,877	5,857,877	21.83			
New Jersey.....	49,424,444	10,965,472	10,965,472	28,912,477	5,857,847	.....	.....	5,857,847	11.85			
New Mexico.....	3,426,306	974,533	1,192,702	259,617	36,229	213,325	749,860	999,634	29.17			



New York	221,405,071	7,377,302	19,162,044	112,143,211	1,526,201	93,091	52,784,514	23,83
North Carolina	9,986,052	1,968,751	3,031,664	2,824,210	1,526,201	93,091	2,264,427	22.07
North Dakota	11,575,219	999,647	3,192,784	2,617,962	254,011	587,683	5,084,666	42.65
Ohio	76,667,582	216,735	16,365,575	33,549,022	2,705,942	413,786	29,538,250	31.60
Oklahoma	19,703,187	2,367,279	4,819,058	4,270,613	286,375	413,786	8,228,237	41.76
Oregon	17,138,593	1,088,014	6,253,014	4,322,801	36,200	1,563,331	5,470,864	31.92
Rhode Island	93,374,907	5,084,343	11,684,846	40,286,014	.....	.....	30,216,904	32.36
South Carolina	8,192,353	5,528,436	1,850,720	7,653,957	.....	.....	1,667,612	24.46
South Dakota	10,719,934	1,417,936	3,071,907	2,313,072	.....	874,590	3,917,019	36.54
Tennessee	11,111,832	2,187,765	4,668,827	4,600,723	938,530	1,520,356	2,654,517	18.81
Texas	26,944,867	2,532,944	10,856,708	9,681,837	4,221,175	.....	9,833,498	30.01
Utah	6,528,959	801,198	1,335,945	1,366,789	701,045	537,025	3,025,127	46.33
Vermont	4,019,832	102,333	26,153	2,510,463	157,132	.....	1,940,978	31.35
Virginia	13,821,901	2,162,401	2,034,187	5,920,261	864,983	629,860	1,010,105	19.57
Washington	31,204,830	2,865,250	8,838,112	8,091,996	2,992,072	2,788,712	11,408,402	36.56
West Virginia	10,025,841	116,727	3,756,777	1,569,627	.....	.....	4,582,710	45.71
Wisconsin	36,847,852	4,696,214	6,816,967	13,337,406	2,059,031	.....	11,167,435	31.12
Wyoming	2,610,357	403,797	1,073,843	206,450	152,915	99,430	673,917	33.48

Includes \$9,944,221 levy on "corporate excess" not distributable between State and other civil divisions in Massachusetts.

TABLE 59.—Assessed value and school expenditure, 1902 and 1912.

States.	Assessed value of all property subject to ad valorem taxation. <sup>1</sup>		Expenditure for public schools (excluding debt paid).		Expended for public schools on each \$100 of assessed value of all property.	
	1902	1912	1902	1912	1902	1912
1	2	3	4	5	6	7
Continental United States.....	\$35,338,316,883	\$69,452,936,104	\$235,208,465	\$482,886,793	Cents. 66.0	Cents. 69.5
Alabama.....	296,135,540	566,807,488	1,037,908	3,708,418	35.7	65.1
Arizona.....	39,083,228	140,338,191	376,685	1,321,631	96.4	94.2
Arkansas.....	224,401,113	427,473,108	1,525,110	3,437,549	70.9	80.8
California.....	1,290,238,064	2,921,277,451	7,613,708	25,978,621	59.0	82.1
Colorado.....	351,002,501	422,330,199	3,100,855	6,527,569	87.0	151.6
Connecticut.....	665,094,301	1,041,334,709	3,556,442	6,217,127	53.5	59.7
Delaware.....	68,982,060	93,814,011	458,670	665,000	65.8	61.5
District of Columbia.....	223,301,972	359,932,263	1,694,256	2,680,513	75.8	83.1
Florida.....	103,047,637	212,887,518	792,919	2,327,395	76.9	109.3
Georgia.....	467,310,646	842,358,342	2,184,070	5,094,130	46.7	60.5
Idaho.....	61,335,113	167,512,157	689,036	2,950,124	112.4	176.7
Illinois.....	1,030,292,435	2,343,672,232	10,025,258	34,217,582	194.7	146.0
Indiana.....	1,417,362,766	1,898,307,218	9,216,082	16,443,654	65.0	86.8
Iowa.....	872,840,381	902,092,597	9,213,709	14,634,082	160.8	102.2
Kansas.....	363,163,630	2,740,900,201	4,804,563	11,158,256	132.3	40.6
Kentucky.....	711,258,014	1,031,174,033	2,851,651	6,699,872	40.1	65.0
Louisiana.....	315,583,408	550,517,808	1,236,648	4,608,927	39.2	83.7
Maine.....	352,228,897	416,891,264	1,794,565	3,151,917	50.9	75.6
Maryland.....	732,271,233	1,235,457,607	2,549,497	4,129,747	34.8	33.5
Massachusetts.....	3,115,426,287	4,803,078,625	14,179,947	23,592,036	45.5	46.9
Michigan.....	1,418,251,858	2,317,561,034	7,965,700	18,730,370	56.2	72.2
Minnesota.....	761,760,274	1,474,585,315	6,697,580	15,224,607	87.9	103.2
Mississippi.....	211,189,126	411,551,004	1,472,433	2,808,562	61.0	68.2
Missouri.....	1,246,400,882	1,860,087,856	8,169,288	11,720,856	65.5	79.1
Montana.....	185,725,057	346,550,555	879,882	3,354,934	47.4	96.8
Nebraska.....	180,091,192	463,371,889	4,286,528	8,757,288	238.0	180.0
Nevada.....	29,324,667	101,087,082	200,484	625,562	71.4	61.9
New Hampshire.....	204,082,195	439,683,132	1,167,464	1,826,643	57.2	41.5
New Jersey.....	932,560,540	2,400,400,634	6,976,118	20,374,527	73.2	81.8
New Mexico.....	38,033,993	72,457,454	241,227	1,112,840	62.4	153.0
New York.....	5,946,912,936	11,131,778,917	37,737,654	57,035,136	63.2	52.0
North Carolina.....	246,878,923	747,500,632	1,287,270	3,777,125	37.1	50.5
North Dakota.....	133,876,357	293,048,119	1,677,874	5,439,002	125.3	180.3
Ohio.....	1,900,885,388	6,481,059,158	14,888,990	28,858,413	74.7	41.5
Oklahoma.....	88,885,086	1,193,655,846	1,541,267	7,603,039	173.4	63.7
Oregon.....	148,099,602	905,011,679	1,802,227	6,005,111	121.7	67.3
Pennsylvania.....	3,918,925,257	5,068,802,986	23,027,678	42,657,986	58.5	84.0
Rhode Island.....	424,398,204	619,010,268	1,708,412	2,494,652	40.3	38.8
South Carolina.....	195,786,310	291,531,003	986,394	2,380,714	50.3	81.7
South Dakota.....	187,331,381	354,278,413	1,847,813	4,109,642	98.5	116.0
Tennessee.....	400,215,010	625,686,792	1,811,454	5,537,081	44.6	88.5
Texas.....	1,017,571,732	2,532,710,066	5,216,672	14,497,750	51.3	57.2
Utah.....	118,019,462	200,299,207	1,399,186	3,626,586	118.6	181.1
Vermont.....	162,787,464	221,530,142	1,093,942	1,815,267	67.2	81.9
Virginia.....	502,938,916	864,962,621	2,012,359	5,262,130	40.0	60.8
Washington.....	260,940,138	1,005,096,251	2,805,455	10,626,934	107.5	104.7
West Virginia.....	255,489,169	1,168,012,658	2,199,350	5,080,940	85.1	43.1
Wisconsin.....	1,504,840,000	2,466,036,768	5,891,473	11,763,678	39.1	47.7
Wyoming.....	43,348,856	180,750,630	230,591	997,022	58.5	66.2

<sup>1</sup> From United States census reports.<sup>2</sup> In 1899-1900.<sup>3</sup> In 1900-1901.<sup>4</sup> Approximate.<sup>5</sup> Returns from Indian Territory imperfect.

TABLE 60.—Wealth and school expenditure in 1917.

States.	Estimated true value of all property.			Per capita estimated wealth.	Expenditures for public schools (excluding debt paid).	Expended on public schools for each \$100 of estimated wealth.	
	Taxable.	Exempt.	Total.			On total wealth.	On taxable wealth.
1	2	3	4	5	6	7	8
Continental United States.....	\$175,425,551,594	\$12,313,519,502	\$187,739,071,096	\$1,965	\$482,882,793	25.7	27.6
Alabama.....	2,050,014,767	77,040,163	2,127,054,930	964	3,708,418	17.4	18.1
Arizona.....	487,099,335	14,752,821	501,852,156	2,255	1,321,631	26.3	27.1
Arkansas.....	1,757,533,068	71,988,067	1,829,521,135	1,120	3,837,549	21.0	21.8
California.....	8,023,436,581	440,768,696	8,464,205,277	3,284	23,978,621	28.3	29.9
Colorado.....	2,288,478,777	100,444,806	2,388,923,583	2,785	6,527,569	27.3	28.5
Connecticut.....	2,153,511,444	131,943,215	2,285,454,659	1,969	6,217,127	27.2	28.9
Delaware.....	283,721,979	14,221,634	297,943,613	1,493	605,000	19.0	20.5
Dist. of Columbia.....	767,316,951	406,540,161	1,173,857,112	3,425	2,989,613	25.5	33.0
Florida.....	1,071,585,076	34,553,152	1,049,134,228	1,307	2,327,395	22.2	22.9
Georgia.....	2,209,197,500	83,403,276	2,382,600,776	883	5,091,430	21.4	22.2
Idaho.....	591,073,842	17,231,516	608,305,357	1,680	2,950,121	48.6	50.1
Illinois.....	14,596,467,987	897,983,148	15,494,451,135	2,669	34,217,582	22.1	23.4
Indiana.....	4,951,061,490	243,021,010	5,194,082,500	1,894	16,443,654	31.7	33.2
Iowa.....	7,437,004,834	431,359,377	7,868,364,211	3,539	14,634,982	18.6	19.7
Kansas.....	4,398,544,209	221,566,330	4,619,110,539	2,662	11,158,256	24.2	25.4
Kentucky.....	2,152,097,565	115,079,960	2,267,177,525	977	6,609,872	29.5	31.1
Louisiana.....	2,056,572,346	107,868,400	2,164,440,746	1,260	4,608,927	21.3	22.4
Maine.....	1,030,366,547	39,277,480	1,069,644,027	1,420	3,151,917	29.5	30.6
Maryland.....	2,002,216,722	175,742,144	2,177,958,866	1,651	4,129,747	19.0	21.6
Massachusetts.....	5,735,230,115	567,758,277	6,302,988,392	1,801	22,602,935	35.7	39.2
Michigan.....	5,169,022,582	259,000,069	5,427,022,651	1,873	16,730,370	30.8	32.4
Minnesota.....	5,226,950,787	280,376,230	5,507,327,017	2,582	15,224,507	27.4	28.9
Mississippi.....	1,306,384,960	38,475,060	1,344,860,020	726	2,800,562	20.9	21.5
Missouri.....	5,546,463,103	205,523,006	5,751,986,109	1,752	14,720,856	25.2	26.5
Montana.....	1,113,008,146	36,724,840	1,149,732,986	2,834	3,354,934	29.2	30.1
Nebraska.....	3,605,133,830	189,852,951	3,794,986,781	3,110	8,757,298	23.1	24.3
Nevada.....	441,382,827	15,628,083	457,010,910	5,038	625,602	13.7	14.2
New Hampshire.....	613,441,572	35,878,997	649,320,569	1,493	1,826,643	28.1	29.8
New Jersey.....	5,361,917,422	381,114,850	5,743,032,272	2,140	20,374,527	35.5	34.0
New Mexico.....	501,627,424	12,106,602	513,734,026	1,440	1,112,840	21.7	22.2
New York.....	21,012,629,807	3,098,478,716	25,011,108,523	2,620	67,885,136	23.2	26.4
North Carolina.....	1,745,233,006	62,310,084	1,807,543,090	794	3,777,125	20.4	21.6
North Dakota.....	2,037,029,024	104,000,937	2,141,030,961	3,374	5,459,004	25.5	26.8
Ohio.....	8,552,189,187	350,302,276	8,902,491,463	1,817	28,858,413	32.4	33.7
Oklahoma.....	4,321,150,418	259,941,500	4,581,091,918	2,475	7,008,089	16.6	17.6
Oregon.....	1,848,542,127	100,812,336	1,949,354,463	2,081	6,065,111	31.3	33.1
Pennsylvania.....	14,137,272,911	1,320,257,366	15,457,530,277	1,939	47,557,966	27.4	30.1
Rhode Island.....	892,093,473	78,108,215	970,201,688	1,700	2,404,662	24.8	26.9
South Carolina.....	1,301,406,985	49,993,768	1,351,400,753	869	2,380,714	17.6	18.3
South Dakota.....	1,330,696,417	67,880,008	1,398,576,425	2,239	4,108,642	29.4	30.9
Tennessee.....	1,834,354,637	55,998,334	1,890,352,971	864	5,537,031	28.8	30.2
Texas.....	6,562,282,164	307,668,977	6,869,951,141	1,679	14,497,750	21.1	22.1
Utah.....	731,811,880	46,801,510	778,613,390	1,979	3,026,686	46.4	49.4
Vermont.....	490,985,964	30,323,811	521,309,775	1,470	1,815,267	34.4	36.5
Virginia.....	2,174,685,192	116,228,604	2,290,913,796	1,086	5,262,130	23.0	24.2
Washington.....	5,054,690,789	168,669,843	5,223,360,632	2,811	10,626,931	32.7	34.5
West Virginia.....	2,179,527,689	124,043,570	2,303,571,259	1,807	5,030,940	21.8	23.1
Wisconsin.....	4,282,454,339	203,270,719	4,485,725,058	1,878	11,703,878	26.2	27.5
Wyoming.....	344,384,812	9,010,015	353,394,827	2,941	997,022	28.2	28.9

<sup>1</sup> Includes \$46,351,863, value of ships belonging to the U. S. Navy, and \$290,000,000, value of privately owned water-supply systems, not distributed by States.

TABLE 61.—Statistics of colored schools—Census and pupils enrolled, 1917-18.

States.	School census.		Pupils enrolled in school (partly estimated).												Number of schools.	
	Date.	Age of persons enumerated.	Number enumerated.			Elementary schools.			Secondary schools.			Total.			Ele-mentary.	High.
			Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1		8	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Continental United States.....						831,403	915,110	1,746,513	5,971	12,663	18,664	837,374	927,803	1,765,177		
Alabama.....	1918	7-21	160,879	154,448	315,327	94,405	94,350	188,755	428	1,099	1,495	94,831	95,419	190,250	1,907	40
Arkansas.....	1918	6-21	99,848	98,043	197,891	57,614	62,823	120,440	347	412	759	57,764	63,253	120,999		
District of Columbia.....	1918	5-17	3,963	10,136	14,099	7,578	8,784	16,362	641	1,188	1,829	8,219	9,972	18,191	48	3
Florida.....	1918	6-21	86,122	60,228	146,350	26,360	31,758	58,118	253	231	483	26,862	31,987	58,779	837	0
Georgia.....	1918	6-19	181,221	187,886	369,107	121,362	140,456	261,818	775	908	1,683	122,167	141,364	263,531	3,336	120
Kentucky.....	1918	6-18	31,268	31,682	62,950	22,088	24,488	46,566	363	831	1,224	22,478	23,314	47,790	462	22
Louisiana.....	1918	6-18	134,763	123,135	257,898	44,980	54,376	99,356	87	105	212	44,822	54,481	99,303	1,106	0
Maryland.....	1918	16-14	24,245	24,482	48,727	19,817	21,978	41,795	184	484	638	20,001	21,032	41,033	511	1
Mississippi.....	1918	5-21	245,840	244,682	490,522	114,807	114,807	229,614	674	1,537	2,211	12,221	13,863	26,104	3,377	
Missouri.....	1918	6-20	17,742	18,801	36,543	11,547	12,346	23,893								
North Carolina.....	1917	6-21	133,183	137,689	270,872	97,000	100,080	197,080	300	754	1,144	67,000	100,080	167,080	2,444	
Oklahoma.....	1918	6-21	24,712	24,506	49,218	19,259	20,833	40,102	300	300	600	19,659	21,587	41,246	574	5
South Carolina.....	1917	6-21	81,688	83,014	164,702	89,628	109,746	199,374	108	207	315	89,737	110,043	199,780	2,408	
Tennessee.....	1918	7-18	116,649	112,658	229,307	102,460	104,626	207,086	965	2,227	3,192	103,415	106,863	210,278	1,700	
Virginia.....	1918	6-20	10,746	10,859	21,605	6,949	66,474	73,423	169	724	893	65,118	67,198	132,316	336	12
West Virginia.....	1918	6-21	10,746	10,859	21,605	6,949	66,474	73,423	169	724	893	65,118	67,198	132,316	336	12
Virginian Possessions.....																
Canal Zone.....																
														1,010		
																1,010

\* Estimated.

\* Estimated for Baltimore City.

\* Estimated for Baltimore City.

TABLE 62.—Statistics of colored schools—Attendance and teachers, 1917-18.

States.	Average daily attendance.				Aggregate days attended.				Teachers.										
	Elementary schools.		Secondary schools.		Elementary schools.		Secondary schools.		Elementary schools.		Secondary schools.		Elementary schools.		Secondary schools.		Total.		
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
Continental United States.....	101,224	974	102,398	10,345,248	99,348	10,444,596	668	2,048	2,716	117	104	221	785	2,152	2,837	20,109	36,920		
Alabama.....	12,862	1,307	14,269	2,235,406	243,145	2,478,551	596	1,300	1,896	100	151	251	696	1,451	2,147				
District of Columbia.....	40,843	1,309	40,472	4,136,299	283	4,136,299	283	1,028	1,321	0	0	99	129	484	611				
Florida.....	162,700	1,147	163,937	16,279,000	183,520	16,462,520	510	3,942	4,452	118	25	143	263	1,028	1,321				
Georgia.....	71,269	.....	28,228	6,518,637	.....	3,483,088	315	1,043	1,368	.....	.....	.....	331	1,048	1,379				
Kentucky.....	.....	.....	21,379	.....	.....	8,716,376	263	1,772	975	15	19	34	112	1,731	1,908				
Massachusetts.....	.....	.....	24,517	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Mississippi.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Missouri.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
North Carolina.....	114,883	.....	114,883	12,981,779	.....	12,981,779	774	2,737	3,511	.....	.....	.....	774	2,737	3,511				
Oklahoma.....	21,636	751	22,287	3,213,806	128,979	3,342,784	236	2,662	3,888	81	28	109	317	690	1,007				
South Carolina.....	75,572	1,905	77,477	.....	.....	10,220,935	490	1,576	2,062	56	52	108	665	2,348	3,013				
Tennessee.....	.....	.....	139,422	.....	.....	18,403,704	.....	.....	.....	.....	.....	.....	1,200	2,600	3,800				
Texas.....	.....	.....	82,631	.....	.....	11,680,971	122	377	499	12	11	23	415	2,485	2,910				
Virginia.....	10,582	271	10,856	.....	.....	.....	.....	.....	.....	.....	.....	.....	134	388	522				
West Virginia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Outlying Possessions.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Canal Zone.....	640	.....	640	111,091	.....	111,091	15	0	15	0	0	0	0	0	0				

\* Estimated.

† Includes 54 supervisors and principals not classified as to sex.

12

## CHAPTER III.

### CITY SCHOOL SYSTEMS, 1917-18.

CONTENTS.—Population of groups—The statistical schedules—Historical statistics—Number of school systems—Schools and school buildings—The teaching staff—The teaching load—Pupils—Length of term—Junior high schools—The teaching load in the junior high schools—An age and grade study of a million pupils in 80 city school systems—Per capita value of school property—The city school debt—Where the city school dollar comes from—City school tax rates—Where the city school dollar goes—Per capita costs (all cities)—Evening schools—Kindergartens in cities—Health and recreation—Analysis of city school expenditures—Average annual salaries of teachers.

#### POPULATION OF GROUPS.

This report presents the statistics of city public schools for the school year 1917-18. An attempt has been made for the first time to secure statistics from all cities which had a population of 2,500 or over in 1910. The cities have been divided into five groups: Group I, including all cities with a population of 100,000 and over; Group II, all cities having a population of 30,000 or over but less than 100,000; Group III, all cities with a population of 10,000 or over but less than 30,000; Group IV, all cities with a population of 5,000 or over but less than 10,000; and Group V, all cities having a population of 2,500 or over, but less than 5,000. The first two groups correspond to the five groups of cities from which the Bureau of the Census annually collects statistics on all expenditures for city government. To bring about this uniformity in these reports the lower limit of the second group has been changed in this report from 25,000 population to 30,000. Consequently, this group does not include as many cities as it did in similar preceding reports, while Group III includes a correspondingly larger number of cities. This report contains detailed statistics only for cities having a population of 10,000 and over. Preceding reports contained corresponding detailed statistics for the cities of Group IV as well. Previous to this report no attempt was made to secure statistics from the cities of Group V. Many of these smaller urban communities do not have a separate municipal school system, and it is often difficult for some of them to report facts relating to school finances.

For all cities not reporting, estimates have been made either individually or in the aggregate, so that the summary tables represent as accurately as could be ascertained the urban school statistics for the whole country. The various reports of the State superintendents of public instruction were of great value in furnishing a basis for making estimates in many instances. In several cases the estimates

have been based upon the total population of the places not reporting in proportion to the corresponding per capita for similar places reporting. Knowing the State school statistics and the city school statistics, the rural school statistics can be easily ascertained. It must be understood that the term "rural" as here employed includes all schools not under the control of a city, or not in a municipality of 2,500 population or over. Rural school statistics will be presented in the review chapter of the Biennial Survey.

TABLE 1.—Comparative summary of school statistics for the five groups of cities of 2,500 population and over, 1917-18.

[Group I includes 51 school systems; Group II, 141 school systems; Group III, 420 school systems; Group IV, 627 school systems; Group V, 1,162 school systems.]

	Group I. Cities of 100,000 population and over.	Group II. Cities of 30,000 to 100,000 popula- tion.	Group III. Cities of 10,000 to 30,000 popula- tion.	Group IV. Cities of 5,000 to 10,000 popula- tion.	Group V. Cities of 2,500 to 3,000 popula- tion.	Preceding groups combined.
<i>J.—Distribution of attendance and personnel in day schools.</i>						
<b>Kindergartens:</b>						
Supervisors.....	33	19	12	6		70
Teachers.....	5,070	1,420	1,074	452		8,016
<b>Enrollment—</b>						
Boys.....	135,435	33,228	22,550	9,355		200,568
Girls.....	134,709	33,847	22,820	9,891		201,267
Aggregate days' attendance.....	25,335,585	6,846,159	5,027,482	2,201,175		39,449,402
Average daily attendance.....	137,040	37,763	27,571	11,530		213,904
<b>Elementary schools (including elementary grades in junior high schools):</b>						
Supervisors.....	818	767	1,171	930		3,686
Principals.....	3,573	1,594	1,203	474		6,844
<b>Teachers—</b>						
Men.....	4,233	1,281	1,235	980		7,709
Women.....	72,184	31,461	29,257	20,526		153,428
<b>Enrollment—</b>						
Boys.....	1,491,419	592,057	578,145	415,883		3,077,504
Girls.....	1,466,575	597,210	579,010	420,255		3,063,966
Aggregate days' attendance.....	444,624,696	171,240,968	164,291,304	119,218,942		899,379,910
Average daily attendance.....	2,394,036	950,065	914,960	667,521		4,926,502
Number of schools.....	3,889	2,960	3,762	3,433		14,134
<b>Secondary schools (including secondary grades in junior high schools):</b>						
Supervisors.....	54	64	122	82		322
Principals.....	320	195	340	263		1,148
<b>Teachers—</b>						
Men.....	6,069	2,500	2,642	1,960		13,177
Women.....	8,615	5,020	6,014	4,906		24,645
<b>Enrollment—</b>						
Boys.....	175,066	79,469	89,188	66,356		410,108
Girls.....	204,961	100,612	117,640	88,810		512,023
Aggregate days' attendance.....	55,036,773	26,251,676	30,771,422	23,672,168		135,732,039
Average daily attendance.....	296,769	145,216	171,149	132,629		745,763
Number of schools.....	282	237	476	655		1,650
<b>Normal, vocational, and special schools:</b>						
Supervisors.....	30	19	5	4		68
Principals.....	95	23	12	5		135
<b>Teachers—</b>						
Men.....	902	240	88	36		1,266
Women.....	2,339	323	185	55		2,902
<b>Enrollment—</b>						
Boys.....	43,268	6,435	5,536	1,783		57,017
Girls.....	36,015	4,052	4,756	1,483		46,306
Aggregate days' attendance.....	9,220,715	1,122,799	741,302	274,288		11,378,099
Average daily attendance.....	49,563	6,199	3,968	1,327		61,277
Number of schools.....	234	198	74	36		463

TABLE 1.—Comparative summary of school statistics for the five groups of cities of 2,500 population and over, 1917-18.—Continued.

	Group I. Cities of 100,000 popula- tion and over.	Group II. Cities of 30,000 to 100,000 popula- tion.	Group III. Cities of 10,000 to 30,000 popula- tion.	Group IV. Cities of 5,000 to 10,000 popula- tion.	Group V. Cities of 2,500 to 5,000 popula- tion.	Preceding groups combined.
<i>I.—Distribution of attendance and personnel in day schools—Contd.</i>						
Junior high schools (included in elementary schools and secondary schools above):						
Teachers—						
Men.....	438	259	167	149	64	1,077
Women.....	1,383	1,096	899	726	364	4,469
Enrollment—						
Boys.....	24,500	16,550	15,807	12,780	5,378	75,013
Girls.....	26,531	19,232	17,301	14,044	5,987	83,085
Number of schools.....	76	90	93	102	70	431
<i>II.—Total population and aggregate attendance and personnel in day schools.</i>						
Total population.....	20,354,910	7,142,157	6,729,604	4,340,044	4,052,107	42,618,822
Superintendents and assistant superintendents.....	220	177	447	627	1,041	2,512
Supervisors, total number.....	935	869	1,310	1,022	935	5,071
Principals, total number.....	3,988	1,812	1,554	772	720	8,846
Public school teachers, total number—						
Men.....	11,204	4,021	3,965	2,962	2,911	25,033
Women.....	88,208	38,224	36,530	26,029	27,328	216,319
Enrollment, total number—						
Boys.....	1,845,212	711,189	695,419	403,377	494,270	4,239,467
Girls.....	1,842,260	735,727	725,126	520,438	523,583	4,347,134
Aggregate days' attendance.....	534,235,789	205,500,602	200,836,511	145,366,568	144,134,690	1,230,074,160
Average daily attendance.....	2,877,418	1,139,243	1,117,668	813,207	812,778	6,760,314
Average length of school term in days.....	186	180	180	179	177	182
Total number of schools.....	4,515	3,306	4,302	4,124	5,013	21,290
Total number of school buildings.....	4,970	3,334	4,260	3,884	4,395	20,843
Total number of school physicians.....	641	244	249	147	129	1,405
Total number of school nurses.....	791	214	194	108	75	1,382
Total number of truant officers.....	585	163	251	312	278	1,589
Total number of pupils in private schools.....	593,738	163,550	162,527	74,499	26,804	1,021,127
<i>III.—Distribution of attendance and personnel in public night schools.</i>						
Number of school systems reporting night schools.....						
	49	108	181	118	62	518
Teachers:						
Elementary schools.....	4,232	1,651	835	315	100	7,133
Secondary schools.....	4,288	1,082	633	171	46	6,220
Vocational schools.....	1,083	508	543	171	43	2,348
Other schools.....	142	107	89	25	13	376
Not distributed.....	495	7				502
Total men.....	4,957	1,469	920	284	85	7,721
Total women.....	5,283	1,886	1,174	398	117	8,858
Enrollment:						
Elementary schools.....	146,379	44,087	19,974	5,565	1,883	217,908
Secondary schools.....	201,717	36,919	19,663	4,053	1,031	263,383
Vocational schools.....	41,276	16,726	12,527	2,830	672	74,094
Other schools.....	3,892	3,265	2,020	500	237	9,922
Not distributed.....	19,892	213				20,105
Total boys.....	227,681	54,105	27,702	6,824	1,922	318,234
Total girls.....	185,475	47,105	26,491	4,207	1,901	267,179



TABLE 1.—Comparative summary of school statistics for the five groups of cities of 2,500 population and over, 1917-18.—(Continued.)

	Group I. Cities of 100,000 population and over.	Group II. Cities of 30,000 to 100,000 popula- tion.	Group III. Cities of 10,000 to 30,000 popula- tion.	Group IV. Cities of 5,000 to 10,000 popula- tion.	Group V. Cities of 2,500 to 5,000 popula- tion.	Preceding groups combined.
<i>IV.—Receipts of city school systems</i>						
Amount received from the United States for vocational education...	\$53,920	\$28,070	\$40,588	\$32,708	\$48,585	\$203,871
Subventions and grants from State...	18,944,443	9,320,395	7,592,100	5,199,240	5,120,743	45,178,921
Subventions and grants from county...	6,435,848	1,592,920	1,271,835	1,914,299	2,040,226	16,228,128
Subventions and grants from other civil divisions...	214,550	50,584	122,650	71,084	87,130	896,028
Appropriations from city treasury...	24,251,027	7,624,052	6,702,426	2,809,481	1,776,766	43,190,332
General property taxes...	129,191,273	43,131,061	45,733,191	25,091,847	26,437,597	260,111,259
Loans and bond sales...	10,279,333	9,889,463	8,221,784	4,280,512	5,492,228	38,076,320
Sales of property...	570,147	303,968	86,047	91,389	97,839	1,119,390
All other receipts...	4,093,794	2,710,296	3,387,827	2,568,640	3,485,153	16,845,710
Total receipts...	194,331,965	73,922,839	66,181,748	42,059,190	44,396,247	421,767,970
<i>V.—Expenses, outlays, and other payments for school purposes.</i>						
General control:						
Business...	3,289,790	939,512	787,325	496,420	610,771	6,023,788
Educational...	3,252,778	1,022,114	1,671,251	1,610,369	1,956,763	9,516,905
Expenses of instruction, day schools:						
Salaries and expenses of super- visors...	1,309,000	1,135,229	1,314,661	716,236	585,501	5,089,617
Salaries and expenses of princi- pals...	11,581,168	3,556,964	3,057,734	1,708,738	1,596,756	21,501,359
Salaries of teachers...	103,162,261	33,084,519	29,226,714	19,131,076	19,457,547	209,095,137
Textbooks, stationery, supplies, and other expenses of instruction...	6,065,630	2,467,578	2,370,938	1,176,743	1,474,658	13,854,547
Expenses of instruction, night schools	2,870,437	494,532	264,946	64,210	17,306	3,710,431
Wages of janitors and other employ- ees...	9,961,552	3,754,282	3,401,755	2,242,024	2,150,216	21,511,829
Fuel, water, light, power, janitors' supplies, etc...	7,712,873	3,848,017	3,983,363	2,749,018	3,015,538	21,309,709
Maintenance, repairs, replacement of equipment, etc...	6,780,057	2,577,722	2,406,771	1,500,795	1,733,017	15,058,365
Expenses of auxiliary agencies...	3,253,568	1,090,670	916,805	719,656	841,415	6,812,114
Fixed charges—pensions, rents, taxes, etc...	1,425,383	602,335	590,652	494,184	452,090	3,564,614
Total current expenses...	162,660,967	54,533,774	50,081,947	32,912,419	33,790,568	331,018,175
Outlays—capital acquisition and construction...	23,067,496	12,843,013	10,263,074	6,384,857	8,931,090	61,489,536
Expenses of debt service...	11,581,946	8,159,879	7,040,108	4,162,663	4,345,760	35,300,356
Grand total...	197,315,909	75,536,666	67,385,129	43,789,939	47,067,424	431,096,067
Expended for promotion of health <sup>1</sup> ...	884,193	332,479	240,389	113,366	69,126	1,639,553
Expended for recreation <sup>1</sup> ...	189,697	84,161	34,284	23,014	8,650	337,112
Expended for transportation of pupils <sup>1</sup> ...	271,796	84,202	121,339	219,588	183,420	880,435
<i>VI.—Distribution of expenses of instruction in public day schools by position.</i>						
Salaries and expenses of supervisors:						
Kindergarten...	23,844	12,420	14,965	2,813		54,041
Elementary schools...	1,092,040	971,877	1,114,334	610,431		3,788,882
Secondary schools...	118,460	134,009	205,791	99,507		557,834
Other schools...	62,749	16,914	3,221	135		83,019
Not distributed...	11,907		5,360	3,370		20,637
Salaries and expenses of principals:						
Elementary schools (including kindergarten)...	6,960,369	2,824,571	2,217,836	1,073,798		15,085,574
Secondary schools...	2,057,946	685,549	763,039	623,293		4,139,780
Other schools...	351,428	66,844	40,278	8,666		467,216
Not distributed...	202,425		6,580	2,981		211,986
Salaries of teachers:						
Kindergarten...	1,617,196	561,656	472,617	181,249		2,832,618
Elementary schools...	75,456,811	23,794,128	19,996,176	12,980,055		132,233,170
Secondary schools...	22,783,616	7,911,163	8,434,473	5,799,815		44,899,057
Vocational schools...	1,070,815	330,041	143,815	68,968		1,633,639
Other schools...	2,019,941	190,316	89,339	21,916		2,321,506
Not distributed...	2,213,882	277,225	90,424	108,079		2,687,610

<sup>1</sup>Included in expenses of auxiliary agencies above.

TABLE 1.—Comparative summary of school statistics for the five groups of cities of 2,500 population and over, 1917-18—Continued.

	Group I. Cities of 100,000 popula- tion and over.	Group II. Cities of 30,000 to 100,000 popula- tion.	Group III. Cities of 10,000 to 30,000 popula- tion.	Group IV. Cities of 5,000 to 10,000 popula- tion.	Group V. Cities of 2,500 to 5,000 popula- tion.	Preceding groups combined.
<i>VI.—Distribution of expenses of instruction in public day schools by position—Continued.</i>						
Textbooks, supplies, and other expenses of instruction:						
Elementary schools (including kindergarten).....	\$4,003,687	\$1,624,233	\$1,604,413	\$991,110		\$8,223,443
Secondary schools.....	1,482,852	735,911	722,397	460,694		3,401,854
Vocational schools.....	228,000	64,916	28,086	12,107		333,709
Other schools.....	167,981	20,713	13,385	1,525		203,604
Not distributed.....	182,510	21,805	2,657	11,307		218,279
Total expenses of instruction.....	124,118,059	40,244,290	35,999,076	23,035,813		223,397,238
<i>VII.—Distribution of expenses of instruction in public day schools by departments.</i>						
Kindergartens:						
Salaries and expenses of supervisors.....	23,844	12,429	14,955	2,813		54,041
Salaries of teachers.....	1,617,196	561,656	472,517	181,249		2,832,618
Total.....	1,641,040	574,085	487,472	184,062		2,886,659
Elementary schools:						
Salaries and expenses of supervisors.....	1,062,040	971,877	1,114,334	610,431		3,758,682
Salaries and expenses of principals.....	8,969,369	2,824,571	2,217,836	1,073,798		15,085,574
Salaries of teachers.....	75,456,811	23,794,136	19,996,176	12,986,055		132,233,170
Textbooks, supplies, and other expenses of instruction.....	4,003,687	1,624,233	1,604,413	991,110		8,223,443
Total.....	89,521,907	29,214,809	24,932,759	15,661,394		159,330,869
Secondary schools:						
Salaries and expenses of supervisors.....	118,460	134,009	205,791	99,507		557,834
Salaries and expenses of principals.....	2,057,966	665,519	793,039	623,293		4,139,760
Salaries of teachers.....	22,783,616	7,941,153	8,434,473	5,769,815		44,899,057
Textbooks, supplies, and other expenses of instruction.....	1,482,852	735,911	722,397	460,694		3,401,854
Total.....	26,442,874	9,446,622	10,155,700	6,053,309		52,998,505
Vocational, normal, and other schools:						
Salaries and expenses of supervisors.....	62,749	16,914	3,221	135		83,019
Salaries and expenses of principals.....	351,428	66,844	40,278	8,066		467,216
Salaries of teachers—						
Vocational schools.....	1,070,815	350,041	143,815	68,968		1,633,639
Normal and other schools.....	2,019,941	190,316	89,339	21,910		2,321,506
Textbooks, supplies, and other expenses of instruction—						
Vocational schools.....	228,000	64,916	28,086	12,107		333,709
Normal and other schools.....	167,981	20,713	13,385	1,525		203,604
Total.....	3,901,511	709,744	318,124	113,311		5,042,690
Not distributed by departments:						
Salaries of supervisors.....	11,907		5,360	3,370		20,637
Salaries of principals.....	202,425		6,580	2,941		211,946
Salaries of teachers.....	2,213,882	377,225	90,424	106,079		2,687,610
Textbooks, supplies, and other expenses of instruction.....	182,510	21,805	2,657	11,307		218,279
Total.....	2,610,724	399,030	105,021	123,737		3,138,512
Grand total.....	124,118,059	40,244,290	35,999,076	23,035,813		223,397,238

TABLE 1.—Comparative summary of school statistics for the five groups of cities of 2,500 population and over, 1917-18—Continued.

	Group I. Cities of 100,000 population and over.	Group II. Cities of 30,000 to 100,000 population.	Group III. Cities of 10,000 to 30,000 population.	Group IV. Cities of 5,000 to 10,000 population.	Group V. Cities of 2,500 to 5,000 population.	Preceding groups combined.
<i>VIII.—Distribution of expenses of instruction in public night schools.</i>						
Elementary schools.....	\$855,015	\$168,476	\$44,163	\$15,965	\$2,211	\$1,025,870
Secondary schools.....	1,134,919	117,866	39,490	10,471	1,571	1,331,317
Vocational schools.....	277,045	39,784	34,866	1,692	824	371,211
Other schools.....	1,832	2,473	8,627	340		13,262
Not distributed.....	608,656	221,257	109,415	29,439	1,000	972,197
Total.....	2,876,867	512,856	263,561	57,897	5,626	3,716,827
<i>IX.—Expenses of debt service.</i>						
Redemption of bonds by payment from—						
Current funds.....	1,305,250	2,179,080	1,269,462	1,035,817	679,775	6,469,384
Sinking funds.....	1,201,300	1,155,601	818,012	555,068	109,052	1,469,236
Issue of new bonds.....	151,000	621,500	508,346	161,005	100,000	1,536,851
Payments to sinking funds.....	2,127,727	1,138,174	569,898	516,165	286,398	4,538,662
Redemption of short-term loans.....	1,824,727	962,138	1,779,430	596,865	623,907	5,691,667
Payment of interest on indebtedness.....	5,725,830	3,532,213	2,683,280	1,652,900	1,041,081	11,635,001
Refunds.....	47,731	73,722	101,288	43,069	52,376	318,206
<i>X.—Bonds and sinking funds (hundreds of dollars).</i>						
School bonds outstanding.....	3,899,546	1,012,034	616,553	405,134	267,795	6,201,333
Other forms of debt.....	1,117,297	78,276	26,775	12,484	14,250	1,269,082
Total amount in sinking funds.....	666,919	72,289	66,617	24,774	23,854	854,431
<i>XI.—Taxation and values.</i>						
Assessed valuation of property (thousands of dollars).....	27,731,813	7,682,587	6,409,591	3,702,018	3,624,582	49,150,621
True valuation of property (thousands of dollars).....	34,888,089	10,547,887	9,683,170	5,876,267	6,249,279	67,211,678
Ratio of assessed valuation to true property value.....	79	73	66	63	58	75
Amount derived from tax on property (dollars).....	165,372,829	57,969,281	55,650,847	32,065,858	35,370,919	347,329,734
Average rate of taxation for all school purposes (mills).....	4.74	5.50	5.75	5.61	5.66	5.09
Value of school properties (thousands of dollars).....	617,256	226,252	211,999	140,738	62,688	1,258,933

#### THE STATISTICAL SCHEDULES.

Revised schedules were used in gathering the statistical data used in this report. They are somewhat similar to those previously employed in collecting data for similar reports, but slight changes were made. This report contains more detailed information than did former reports about school bonds and the means of liquidating them; tax rates, and the assessed valuation of property, night schools, junior high schools, the number of schools maintained, the length of the school term, and the enrollment of pupils by age and grade. This report is inferior to preceding reports in that so many cities could not completely separate expenditures for the different types of schools, such as elementary and secondary schools, that no attempt has been made to do so except in the cost of instruction, as this expression is technically used. In the analysis of school costs, however,

dependable figures have been deduced relative to the total cost of elementary and secondary schools in the different groups of cities.

#### HISTORICAL STATISTICS.

In other chapters of the Biennial Survey for 1918 an attempt has been made to show increases or decreases in statistical data from year to year and to establish trends. Such analyses are not so valuable, however, for a city school report as for reports from individual schools of the various types. In the first place, the list of cities in each group changes with each decennial census, thereby essentially vitiating comparisons which might be made for longer periods. Second, this report includes statistics of cities having a population less than 5,000 as well as those of the larger municipalities appearing in corresponding preceding reports. Third, the groups of cities in preceding reports are often not the same as those employed herein. Fourth, the influx of the rural population to urban centers tends to exaggerate city school progress when totals are compared for different years. To eliminate all these factors from consideration for a long period of years would be an endless task, one not yielding sufficient fruit to justify the cost of pruning. Further, it is doubtful if aggregate city school statistics covering a period of years are so valuable as the corresponding statistics for individual cities. In other words, the history of individual city school systems is more valuable than a history of all municipal school systems combined. To give individual histories is likewise beyond the scope of this limited study. This report, as well as preceding similar reports, forms an excellent basis, however, for making such comparative studies for such cities as have submitted consistent reports from year to year.

#### NUMBER OF SCHOOL SYSTEMS.

Altogether, 2,401 separate school systems are maintained by cities having a population of 2,500 and over. Of these, 51 are in Group I, 141 in Group II, 420 in Group III, 627 in Group IV, and 1,162 in Group V. From these figures it is seen that 48.4 per cent of the cities are in Group V. The inclusion of this group of cities in this report has just about doubled the amount of work necessary to collect, tabulate, and interpret the data.

#### SCHOOLS AND SCHOOL BUILDINGS.

The total number of buildings used for school purposes in 1918 was 20,843. Almost one-fourth of these, or 4,970, are in cities of Group I, 3,334 in Group II, 4,260 in Group III, 3,884 in Group IV, and 4,395 in Group V. So far as school buildings are concerned, they are about equally divided among the five groups of cities. The number of city school buildings (18,974) shown in the report on

State school systems was prepared before all city schools had submitted reports, and is too small by 1,869 buildings. Altogether, there were 276,827 school buildings in the United States in 1918. The number of city school buildings constitutes only 7.5 per cent of the total number of public school buildings in the United States. The total value of these school buildings is 63.5 per cent of the value of all such buildings.

The total value of school property in all city school systems is \$1,258,933,000, or an average value of \$60,401 per school building. The average value of a school building for the whole country is \$7,165. The average value of a "rural" school building is only \$2,831. This average includes, of course, the buildings in villages having a population under 2,500 and also all rural high-school buildings.

The cities in 1918 were asked to report the total number of schools in operation; a high school and an elementary school, although housed in the same building, being counted as separate schools. Omitting kindergartens, altogether 21,260 city schools were reported. This number is only about 2 per cent greater than the number of school buildings reported. This condition implies that separate city school buildings usually house separate schools. In the cities of the first four groups there are 14,134 elementary schools, 1,650 secondary schools, and 453 special schools. The total number of schools of all kinds in the cities of Group V was 5,013, but they were not sufficiently separated into elementary, secondary, and special schools to warrant tabulation in these divisions. The number of secondary schools in the first four groups (1,650) is not essentially different from the number of high schools (1,385) classed as "city" in the high-school chapter of the Biennial Survey.

#### THE TEACHING STAFF.

Altogether, 2,512 superintendents and assistant superintendents, 5,071 supervisors, and 8,846 principals are employed in city school systems. These are distributed among the five groups of cities in Table 1.

In all the cities 241,382 teachers are employed who give half or more than half of their time to teaching. Of these, 216,319 are women and 25,063 are men. It is seen, therefore, that 10.4 per cent of the teachers in city schools are men. The corresponding percentage in 1910 was only 8.7, and in 1890 only 8.2 per cent. These percentages are considerably lower than the corresponding ones for both urban and rural schools combined—34.5 per cent in 1890, 21.1 per cent in 1910, and 16.1 per cent in 1918. For the whole Nation the proportion of men teachers has decreased, while in city schools the proportion has increased slightly. It is found that 37.1 per cent

of the teachers in the country are employed in city public schools. These teachers teach 41.2 per cent of the children.

TABLE 2.—Average number of pupils per teacher in all cities of 2,500 population and over, 1917-18.

Pupils to a teacher	Group I.	Group II.	Group III.	Group IV.	Group V.	All groups combined.
12-14.....					1	1
15-16.....					2	2
17-18.....			1	1	4	6
19-20.....	1				6	7
21-22.....			1	4	14	19
23-24.....		1	5	13	22	41
25-26.....	2	5	9	26	44	86
27-28.....		6	24	50	62	144
29-30.....	3	15	37	61	78	194
31-32.....	6	21	78	70	86	261
33-34.....	6	30	58	69	79	212
35-36.....	8	21	61	87	74	251
37-38.....	11	8	43	62	60	184
39-40.....	4	15	26	67	44	156
41-42.....	3	9	29	31	37	106
43-44.....	3	3	17	20	16	59
45-46.....	1	3	9	20	14	47
47-48.....		3	10	18	16	47
49-50.....	1		8	8	14	31
51-52.....			2	7	6	15
53-54.....		1	2	5	4	12
55-56.....			4	2	2	8
57-58.....			1	1	1	3
59-60.....			3		3	6
61-62.....				1	4	5
63-64.....					2	2
65-66.....					1	1
71-72.....			1			1
85-86.....					1	1
Total.....	51	141	420	623	697	1,932
Lowest number.....	19	23	18	17	14	14
First quartile.....	32	31	32	31	29	30
Median.....	36	34	34	35	33	34
Third quartile.....	38	38	38	39	38	39
Highest number.....	49	53	72	62	86	86

THE TEACHING LOAD.

The total number of pupils divided by the total number of teachers gives what is technically known as the "teaching load." The number of superintendents, supervisors, and principals employed does not enter into this average. The average teaching load in all city schools is 35.6. This average, however, does not possess the significance that a bird's-eye view of a graphic distribution conveys. When all groups of cities are combined and distributed according to the average teaching load in each, as pictured in figure 1, it is found that 261 cities have 31 or 32, 242 have 33 or 34, and 251 have 35 or 36 pupils to a teacher. These three groups, representing 39 per cent of all school systems reporting, have a teaching load varying from 31 to 36 pupils. The distribution is very symmetrical—the bars decreasing quite regularly in length on the opposite sides of the three central bars.

The variation in the teaching load for the five separate groups of cities is exhibited in the second part of the diagram. The middle half of the cities has been indicated by the cross-lined area extending

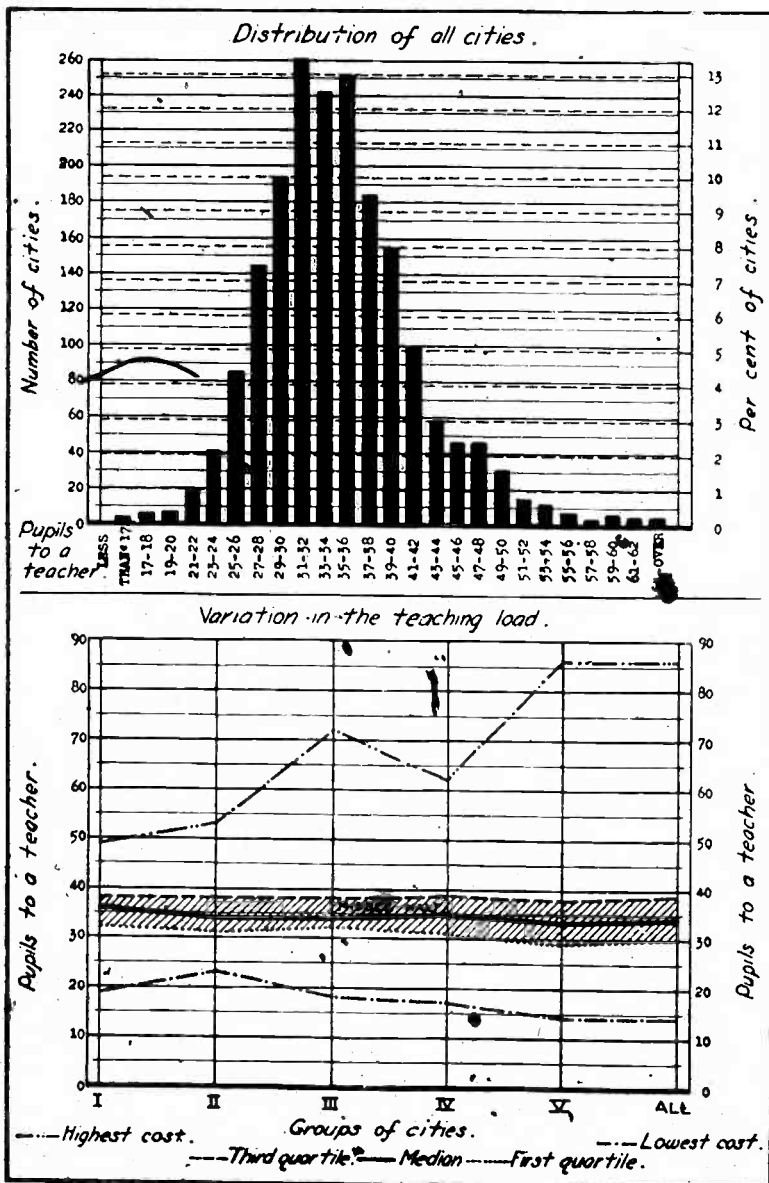


FIG. 1.—Distribution of cities according to the average teaching load in all schools, 1917-18.

from the first to the third quartiles. The smallest, as well as the largest number of pupils to a teacher, is shown for each group of cities by the top and bottom curves in this diagram. It is especially significant that the middle halves and the medians are practically

the same for each group of cities. The general practice, therefore, is for half the cities in each group to have a teaching load varying from 29 to 39, or coming within a range of 11.

PUPILS.

In all city public schools there are 8,586,601 pupils enrolled, of whom 4,239,467 are boys and 4,347,134 are girls. The city schools enroll, therefore, 41.2 per cent of all the public school children in the country. In addition to the figures given above, it is estimated that 1,021,127 children were enrolled in city private and parochial schools. The cities of Group I enroll 43 per cent of these public school pupils; of Group II, 16.8 per cent; of Group III, 16.5 per cent; of Group IV, 11.8 per cent; and of Group V, 11.9 per cent. Only in the cities of the first group does the proportion of boys exceed that of girls. In the cities of the first four groups about 81.1 per cent of all pupils are enrolled in the elementary schools, 12.2 per cent in high schools, 5.3 per cent in kindergartens, and 1.4 per cent in special schools. The proportion registered in high schools is significant, since for the whole country only 9.3 per cent of the total enrollment is found in high schools, the rural statistics bringing down the average. As the cities of Group V did not report high-school enrollment the exact rural-school statistics on this point can not be ascertained.

TABLE 3.—Distribution of cities according to number of days the public schools were actually in session, 1917-18.<sup>1</sup>

Days in session.	Group I.	Group II.	Group III.	Group IV.	Group V.	The five groups combined.	Per cent of all cities reporting.
1	2	3	4	5	6	7	8
196-200	2	0	12	17	15	55	3.1
191-195	0	14	24	12	20	79	4.5
186-190	7	19	53	59	75	213	12.1
181-185	15	21	56	70	76	241	13.6
176-180	12	34	136	218	287	687	39.0
171-175	5	19	60	82	122	288	16.3
166-170	1	10	13	28	50	102	5.8
161-165		3	11	7	21	42	2.4
156-160		4	4	6	22	36	2.0
151-155			3	4	3	9	.5
146-150				1	1	3	.2
141-145			1	1	2	5	.3
136-140							
131-135							
126-130					1	1	.1
121-125							
116-120					1	1	.1
Total	51	137	373	505	696	1,762	100.0

<sup>1</sup> This table does not include one city in Group IV reporting a session of 223 days, nor two cities in Group V reporting sessions of 80 days and 78 days, respectively.



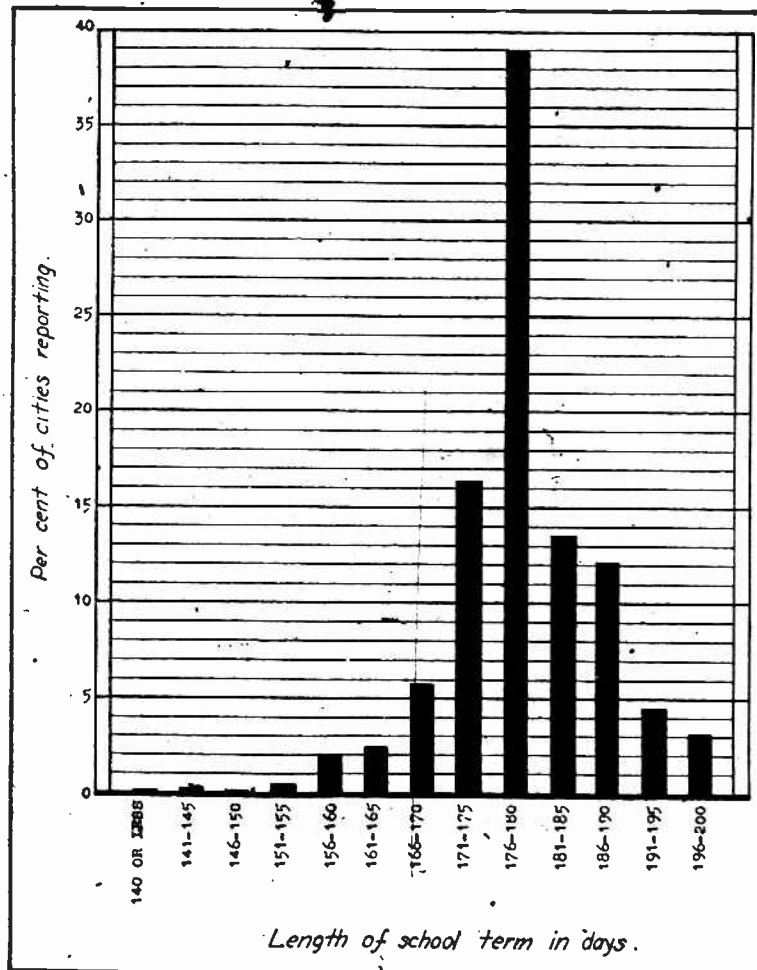


FIG. 2.—Distribution of 1,762 cities which reported the number of days the public schools were actually in session, 1917-18.

#### LENGTH OF THE CITY SCHOOL TERM.

In Table 87 the length of the school term in individual cities for each type of school maintained is given. From the detailed data a general conception as to the length of the school term can scarcely be obtained. Accordingly, the results have been summarized in Table 3 in the form of a distribution table for each group of cities. The average length of the school term for all types of schools in a city school system has been used in compiling this table and in constructing figure 2. As little difference exists in the length of school term for the cities of the different groups, no attempt has been made

to present the distribution separately for each group of cities in graphic form. The diagram shows the distribution of 1,762 cities according to the average length of the school term in each. It is found that 39 per cent of these cities had a term varying from 176 to 180 days. As this percentage greatly exceeds that for any other similar group, it is evident that a nine-months' school term is maintained by most cities. Over 25 per cent of the cities have a term varying from 181 to 190 days, indicating a nine-and-a-half months' term. Almost 8 per cent of the cities have a longer term, ranging from 191 to 200 days, indicating a 10 months' school term in these cities. A very small percentage of cities have a shorter term than 8 months or 160 days.

The length of the school term is determined by dividing the aggregate attendance, i. e., the total number of days attended by all pupils, by the average daily attendance. According to this method of computation, all cities have been put on the same basis, and the diagram probably represents conditions as they actually are. If the total aggregate attendance for all cities reporting the data is divided by the total average daily attendance in the same cities, an average of 182 days is secured. This number represents the average length of the city school term in the United States. This average is considerably higher than the corresponding average for all public elementary and secondary schools in the United States, which is almost 161 days. In other words the average city school term is about one month longer than the average term for all schools combined.

The average pupil enrolled in the city public schools attends only 143 days out of the 182 days of schooling provided. He wastes, therefore, 39 days or almost 2 months of schooling annually. This percentage of waste in city schools, 21.4 per cent, is not quite so large as the corresponding percentage of waste for the whole country, 25.4 per cent.

#### JUNIOR HIGH SCHOOLS.

In 1918, 292 city school systems maintained junior high schools. Altogether, 431 junior high schools are in existence—76 in Group I, 90 in Group II, 93 in Group III, 102 in Group IV, and 70 in Group V. In these schools, 1,077 men and 4,468 women teachers are employed. Altogether, 158,108 children are enrolled in these 431 junior high schools, including 75,013 boys and 83,095 girls. The chapter on public high schools includes a report from 557 junior high schools, some of them being maintained as a part of rural or village school systems. These 557 schools enrolled only 116,197 pupils, 54,513 boys and 61,684 girls. Considerable editing was done on the high-school reports to eliminate the schools organized only for departmental teaching. As the city report does not contain much de-

tailed information about junior high schools, no attempt has been made to reject those schools offering only departmental teaching in the elementary grades. The interpretation of the term "junior high school," as used in this report, has rested, therefore, with the various city school superintendents. A uniform rigid construction of the term might have reduced considerably the statistics of city junior high schools appearing herein. It is possible that the special high-school report does not include the statistics of all city junior high schools, as only those junior high schools were reported which were more or less closely connected with senior high schools in the same school system. Probably many separately organized junior high schools were not included in that chapter of the Biennial Survey. It is believed, therefore, that the statistics of city junior high schools are fairly reliable and complete, although strict uniformity was not possible in editing the reports.

TABLE 4.—Distribution of 295 cities as to number of students per teacher in junior high schools, 1917-18.

Number of students per teacher.	Group I.	Group II.	Group III.	Group IV.	Group V.	The five groups combined.	
						Number.	Per cent.
1	2	3	4	5	6	7	8
5-9.....				1		1	0.3
10-14.....		1			1	2	.7
15-19.....	4	2		5		11	3.7
20-24.....	3	8	11	0	12	34	11.5
25-29.....	5	18	17	19	12	71	23.7
30-34.....	3	6	15	24	22	70	23.7
35-39.....	1	3	10	20	11	45	15.2
40-44.....	1		7	15	2	25	8.5
45-49.....			3	1	5	9	3.1
50-54.....			3	1	3	7	2.4
55-59.....				2		2	.7
60-64.....				1		1	.3
65-69.....			1			1	.3
Total.....	17	34	67	98	75	295	100.0
Lowest number.....	15	14	20	8	10	8	
First quartile.....	20	24	26	26	24	25	
Median.....	27	27	31	32	30	30	
Third quartile.....	32	29	37	38	36	36	
Highest number.....	40	39	66	60	52	66	

#### THE "TEACHING LOAD" IN JUNIOR HIGH SCHOOLS.

It is of special interest to school administrators to know the teaching load in junior high schools. The average teaching load is determined by dividing the total junior high-school enrollment by the total number of teachers in such schools. It has little significance as to the average size of junior high-school classes. This teaching load has been determined for each group of cities and for all groups combined, as shown in Table 4. Only the totals for all cities

have been used in the construction of figure 3. It is seen in the figure that the usual number of students to a teacher varies from 25 to 35. A few cities have unusually high teaching loads, even exceeding 50 pupils to a teacher. On the other hand, some cities have fewer than 20 pupils to a teacher in such schools.

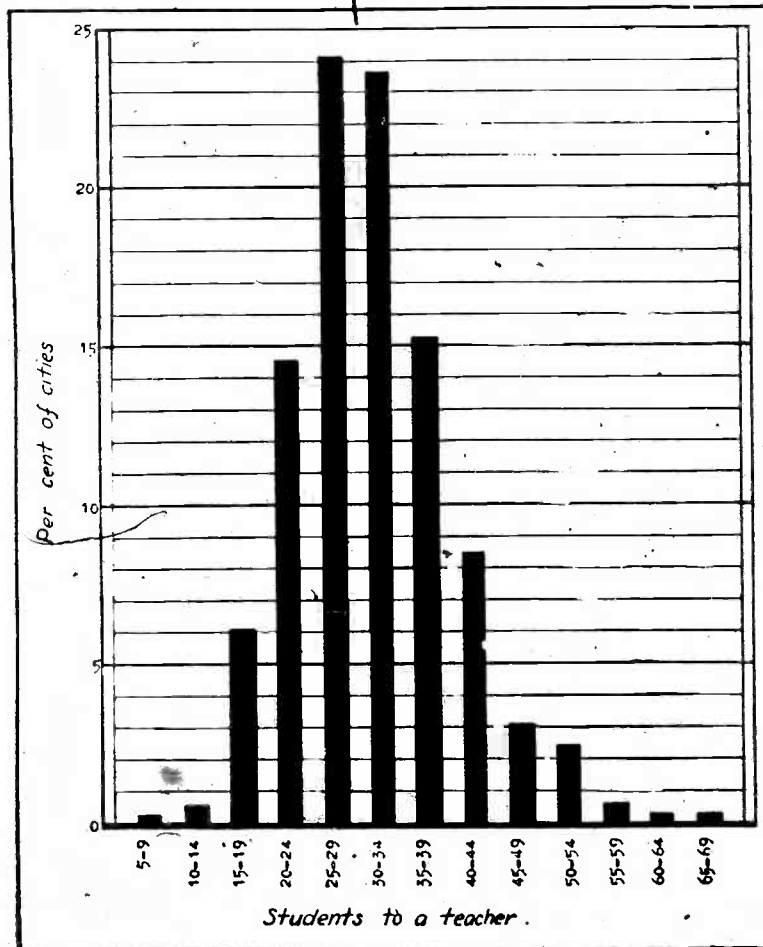


FIG. 3.—Distribution of 295 cities showing the number of pupils to a teacher in junior high schools, 1917-18.

As shown in Table 4, half the cities in the first group have from 20 to 32 pupils to a teacher; in the second group from 24 to 29; in the third group 26 to 37; in the fourth group 26 to 38; in the fifth group from 24 to 36; and in all groups combined from 25 to 36 pupils to a teacher. These middle halves probably best characterize the distribution of the teaching load.

## AN AGE-AND-GRADE STUDY OF A MILLION PUPILS IN 80 CITY SCHOOL SYSTEMS.

## SCOPE OF THE STUDY.

In 1918 a number of cities reported a classification of their pupils by age and grade. Each city reporting such facts might have been included in this analysis, but such a study becomes more valuable if present achievement can be compared with past accomplishment under similar conditions. In order to measure change, similar data must be used for the different years compared. Without comparison, facts lack significance. In 1908 the enrollment of pupils by age and grade in a number of cities was collected by Strayer, and a study of the data secured at that time was published in 1911.<sup>1</sup> A comparison of the reports received in 1908 and in 1918 revealed the fact that only 80 cities supplied corresponding data for these two periods. No city, however, which had only seven grades in the elementary school at either date has been included in this report, since such inclusions would vitiate desired comparisons. On the other hand, no city reporting nine grades in the elementary school in 1918 has been included. A few cities (9) having nine grades in the elementary school in 1908 have been included, but the number of pupils in the ninth grade in these cities was so small in 1908 that general results are not materially affected by their inclusion. It is believed that, from a study of these 80 cities, a series of reliable norms for all cities has been established. In other words, any other city can secure the enrollment of its pupils by age and grade and check its percentages with those for these 80 cities.

## THE CITY GROUPS.

Of the 80 cities chosen for study, 42 had a population of 25,000 or over in 1900, and 38 had a population of less than 25,000 on the same date. This classification was used by Strayer in 1908, and consequently the division is based on the 1900 census, instead of the 1910 census. Five of the larger cities had a population exceeding 100,000 in 1910—Chicago, Fall River, Minneapolis, St. Louis, and Philadelphia. The 43 larger cities are frequently referred to in the following pages as cities of "group A" and the 38 smaller cities as those of "group B." The total enrollment in the elementary and secondary schools in cities of group A is almost nine times as great as the corresponding enrollment in cities of group B. When medians are used in the studies, each city contributes to the result an equal weight, regardless of its size. When arithmetical averages are used, the largest cities greatly outweigh the smaller ones and largely control the averages when both groups are combined. The medians, there-

<sup>1</sup> Bulletin No. 6, 1911. An age and grade census of schools and colleges, by George Drayton Strayer.

fore, characterize city school practices, while the averages denote the status of individual pupils in urban school systems. The first looks toward the school system, the second toward the individual pupil. Both central tendencies must be used to convey definite concepts of the situation.

#### THE AGE-GRADE GROUPS.

As defined by Strayer for 1908, the children in the first grade who are 6 or 7 years of age are considered of normal age, those under 6 as under age, and those over 7 as over age. Similarly, in the second grade those who are 7 or 8 years of age are considered of normal age, those under 7 as under age, and those over 8 as over age. In like manner the succeeding grade groups have been determined. The same method of grouping has been used for both years, 1908 and 1918. In the following study the under-age pupils are frequently referred to as "accelerated" children and the over-age pupils as "retarded" children or "repeaters." It should be remembered in this connection that under-age children may have entered school earlier than usual and may have advanced regularly from grade to grade. The under-age group might even include repeating children under extraordinary circumstances. Presumably, most of the under-age children have advanced more rapidly than is ordinarily done. On the other hand, over-age children are probably "repeaters," though some of them may have entered school later than usual and may have advanced at a normal rate. At any rate, these children are too old for their grade; they are doing work of a lower character than children of their ages usually do. They are retarded for their age, though they may not be repeaters. Even children in the normal age groups may have repeated one year of work. It should be carefully noted that this study presents facts of under-agedness and over-agedness and not precise data regarding rates of progress from grade to grade. It is clearly shown in figure 26 that, in the first grade at least, the number of repeaters exceeds both the under-age and over-age pupils combined. In certain cities where children are allowed to enter the first grade at the age of 5, the age-grade groups chosen are too high. Such cities will show rather high percentages of under-age children. The age-grade groups employed, however, are the best ones that could have been used, since in the first and eighth grades the percentages of children over age and under age are almost equal, respectively, as shown in figure 16. To have selected other age groups to indicate normality would have materially disturbed the relative positions of the two curves in this figure and would have resulted in more harm than good.

TABLE 5.—Percentage of pupils under age, of normal age, and over age in 80 cities in 1918.

Group A (cities of 25,000 population and over).				Group B (cities under 25,000 population).			
Cities.	Under age.	Of normal age.	Over age.	Cities.	Under age.	Of normal age.	Over age.
Quincy, Mass.	14.4	77.9	7.7	Dedham, Mass.	38.1	56.1	5.8
Aurora, Ill.	15.8	72.2	12.0	Wakarusa, Mass.	27.0	65.1	7.9
Decatur, Ill.	17.6	69.7	12.7	Danbury, Conn.	35.0	53.3	9.7
Minneapolis, Minn.	12.5	73.9	13.6	Wallingford, Conn.	24.0	65.2	10.8
Carleton, Ohio.	18.0	68.1	13.9	Winthrop, Mass.	17.6	71.6	10.8
East Orange, N. J.	22.9	63.0	14.1	Gardner, Mass.	31.9	57.0	11.1
Rockford, Ill.	17.8	67.2	15.0	Beloit, Wis.	27.5	60.7	11.8
Chicago, Ill.	14.0	70.7	15.3	Wabash, Ind.	18.5	68.7	12.8
Danville, Ill.	14.0	70.7	15.3	Clearfield, Pa.	13.1	74.0	12.9
Saginaw, Mich. (east side).	15.7	68.5	15.8	Santa Cruz, Calif.	15.1	70.5	14.1
Dayton, Ohio.	2.2	83.0	16.8	Winchester, Mass.	8.3	76.5	15.2
Paterson, N. J.	19.9	62.0	17.2	Galesburg, Ill.	14.9	69.7	15.4
Madison, Wis.	12.5	69.9	17.6	Medford, Mass.	8.5	76.1	15.4
Reading, Pa.	18.0	64.2	17.8	Macomb, Ill.	25.6	58.7	15.7
Williamsport, Pa.	20.5	61.4	18.1	Kearny, N. J.	20.8	62.6	16.6
Trenton, N. J.	20.2	60.9	18.9	Bridgeton, N. J.	20.7	53.5	16.8
Tacoma, Wash.	7.6	73.3	19.1	Alameda, Calif.	11.7	70.6	17.7
Grand Rapids, Mich.	8.6	71.6	19.8	New Rochelle, N. Y.	19.8	61.9	18.3
Quincy, Ill.	11.2	68.8	20.0	Connersville, Ind.	6.1	74.5	19.4
Springfield, Ill.	11.7	68.3	20.0	East Chicago, Ind.	11.1	69.1	19.5
Altoona, Pa.	18.1	61.7	20.2	Frankfort, Ind.	5.2	75.2	19.7
Fall River, Mass.	30.4	49.0	20.6	Sault Ste. Marie, Mich.	10.2	69.9	19.9
Passaic, N. J.	15.0	63.8	21.2	Goshen, Ind.	1.4	78.6	20.0
Newburgh, N. Y.	21.4	56.4	22.2	Iron Mountain, Mich.	9.6	70.3	20.1
Auburn, N. Y.	11.9	65.8	22.3	Keokuk, Iowa.	20.8	59.1	20.1
Harrisburg, Pa.	14.3	63.3	22.4	West Orange, N. J.	15.7	63.8	20.5
Perth Amboy, N. J.	15.7	61.4	22.9	Plainfield, N. J.	15.6	62.6	21.8
Watertown, N. Y.	14.1	63.0	22.9	Homestead, Pa.	11.2	67.0	23.2
Bay City, Mich.	14.3	61.3	24.4	Great Falls, Mont.	9.1	67.4	23.5
Philadelphia, Pa.	10.2	64.3	25.5	Ottumwa, Iowa.	14.2	62.2	23.6
St. Louis, Mo.	7.0	66.7	26.3	Marshalltown, Iowa.	12.9	63.3	23.8
Wichita, Kans.	8.6	63.3	28.1	Kokomo, Ind.	4.3	70.9	24.8
Covington, Ky.	7.9	63.6	28.5	Cheboygan, Mich.	18.8	51.6	26.6
Springfield, Ohio.	3.0	68.5	28.5	Wineland, N. J.	13.0	59.2	27.8
York, Pa.	2.6	68.8	28.8	White Plains, N. Y.	9.0	59.3	31.7
Hoboken, N. J.	10.4	60.9	28.7	McAlister, Okla.	1.9	60.1	32.0
New Bedford, Mass.	6.4	64.2	29.4	Fresno, Calif.	5.3	58.4	36.3
Orange, N. J.	11.5	59.1	29.4	Donora, Pa.	4.3	54.0	41.7
Duluth, Minn.	2.6	67.2	30.2				
Battle Creek, Mich.	4.0	63.8	32.2				
Louisville, Ky.	4.8	60.0	35.2				
Kansas City, Kans.	4.5	57.7	37.8				

A CLASSIFICATION OF CITIES ACCORDING TO THE PERCENTAGE OF OVER-AGE PUPILS.

For each of the 80 cities chosen for study the percentages of pupils under age, of normal age, and over age, have been ascertained. The cities have been ranked by groups (A and B) on the decreasing percentages of over-age pupils or on the combined increasing percentages of under-age and normal-age pupils. Thus in figure 4 it is shown that Quincy, Mass., has the smallest percentage (7.7) of over-age pupils of any city in group A. At the other end of the array is Kansas City, Kans., with 37.8 per cent of its pupils over age. About half of these cities have one-fifth of their pupils in the over-age class. Fall River, Mass., has the highest percentage (30.4) of under-age pupils, and Dayton, Ohio, has the highest percentage (83) of pupils of normal age in this group of cities. Dayton also has the smallest percentage of under-age pupils.

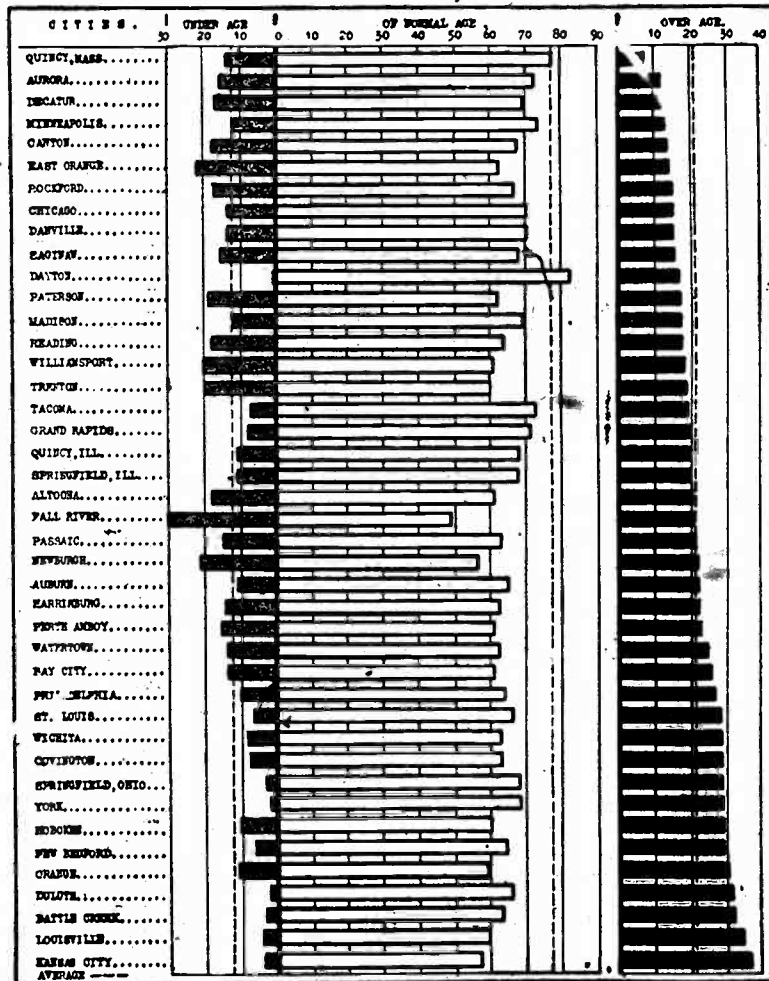


FIG. 4.—Per cent of pupils under age, of normal age, and over age in cities of group A, 1917-18.

In figure 5, picturing cities of group B, it is found that Dedham, Mass., ranks first, with only 5.8 per cent of its pupils over age. It also has the highest percentage of under-age pupils. Donora, Pa., has the highest percentage (41.7) of over-age pupils. Goshen, Ind., has the highest percentage (78.6) of pupils of normal age, and Bridgeton, N. J., the lowest percentage (53.5).



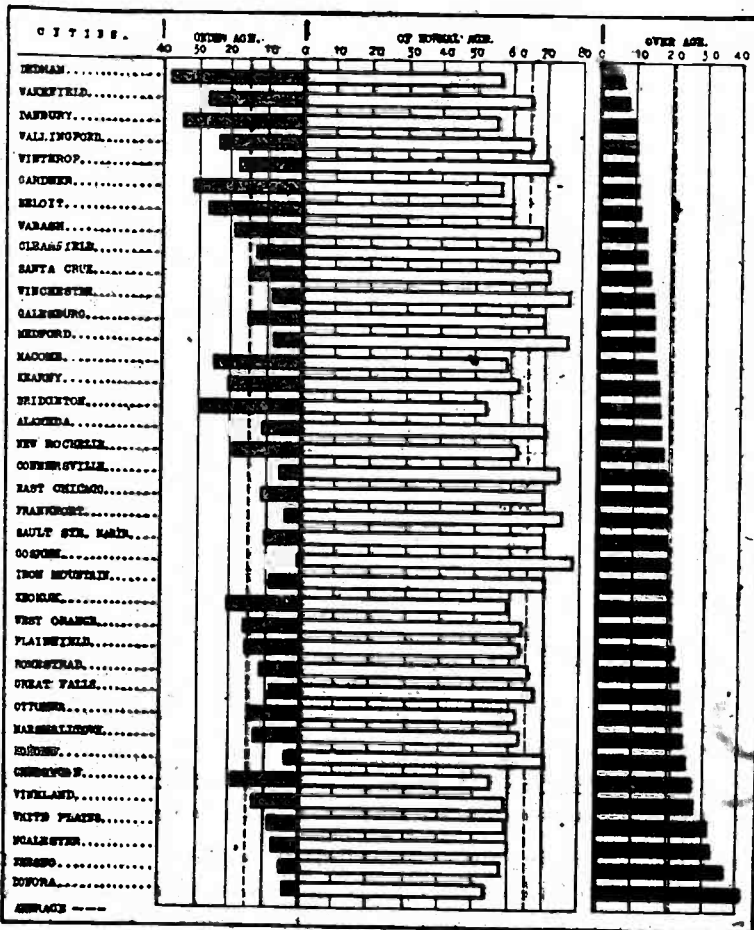


FIG. 8.—Per cent of pupils under age, of normal age, and over age in the cities of group B, 1917-18.

TABLE A.—Age-grade table, Dedham, Mass., 1917-18, showing the distribution of pupils and the method employed in computing  $r$  and  $r_2$ .

Grades (subject items).	Ages (relative items; lower numbers are substitutes for the exact ages).												Total enroll- ment.	SST.	SST.					
	5	6	7	8	9	10	11	12	13	14	15	16				17	18	19		
1.	120	139	41	5	2													307	307	
2.		83	132	47	28	13												280	680	1,120
3.			77	126	82	39	15											245	735	2,205
4.			1	78	80	89	35	21										216	684	3,456
5.				10	71	84	82	41	23									230	1,150	5,750
6.					13	84	82	41	23	5								248	1,463	8,028
7.					1	11	51	41	23	12	3							190	1,330	9,310
8.						87	107	107	59	45	6	6						269	2,152	17,216
9.						9	11	5	17	28	17	59	2	2				177	1,593	14,337
10.									1	3	7	7	18	29	12	11		127	1,270	12,700
11.												1	5	5	13	23	11	65	715	7,865
12.																	57	684	8,208	
Total	120	272	251	270	213	241	252	300	241	179	132	57	37	12	4		2,411	12,845	91,402	
R.T.	120	444	753	1,040	1,065	1,446	1,624	1,600	2,169	1,700	1,452	684	481	168	60		14,036	12,845	5,329.	
R.F.T.	120	868	2,259	4,352	5,325	8,676	11,368	12,800	19,321	17,800	15,972	8,205	6,253	2,352	900		116,862	2,411	5,329.	
R.	120	305	540	851	555	261	1,457	1,427	1,902	1,596	1,270	613	426	143	48		102,024	14,036	6,195.	
R (SST)	120	610	1,620	3,404	4,425	7,566	10,109	11,419	17,113	15,963	13,570	7,356	5,538	2,002	720		102,024	2,411	6,195.	

$$r = \frac{102,024 - (5,329 \times 14,036)}{\sqrt{(91,402 - (5,329 \times 12,845)) [116,862 - (6,195 \times 14,036)]}} = .949$$

$$r_2 = \frac{102,024 - (6,329 \times 14,036)}{116,862 - (6,195 \times 14,036)} = .972$$

Abbreviations: S=subject items; R=relative items; T=total; f=frequency; Σ=summation of; r=coefficient of correlation; r<sub>2</sub>=second coefficient of regression.



TABLE B.—Age-grade table, Gothen, Ind., 1917-18, showing the distribution of pupils and the method employed in computing  $r$  and  $r_2$ .

Grades (subject items).	Ages (relative items; lower numbers are substitutes for the exact ages).														Total enrollment.	S.T.	S.S.T.	
	6	7	8	9	10	11	12	13	14	15	16	17	18	19				
1	78	61	13	83	2	3	2	2	2	2	2	2	2	2	2	165	105	165
2	1	61	72	13	30	5	2	2	2	2	2	2	2	2	2	15	104	194
3		13	83	42	60	21	2	2	2	2	2	2	2	2	2	895	595	1,794
4				4	44	58	6	3	3	3	3	3	3	3	3	138	88	2,208
5					3	54	18	20	16	10	7	6	6	6	6	150	750	3,750
6						3	28	37	20	16	10	7	6	6	6	131	786	4,716
7							28	09	42	47	19	8	8	8	8	146	1,022	7,154
8							10	45	45	20	20	20	20	20	20	85	680	5,440
9																185	1,665	14,985
10																74	1,740	7,400
11																38	418	4,598
12																37	444	5,328
<b>Total</b>	<b>79</b>	<b>144</b>	<b>170</b>	<b>121</b>	<b>145</b>	<b>143</b>	<b>91</b>	<b>122</b>	<b>136</b>	<b>102</b>	<b>80</b>	<b>60</b>	<b>21</b>	<b>2</b>	<b>1,496</b>	<b>8,112</b>	<b>96,112</b>	
R.T.	298	510	484	484	725	684	637	970	1,404	1,620	890	720	273	28	9,482	Av. S items=		
R.B.T.	576	1,530	1,936	1,936	3,025	5,148	4,458	7,808	12,036	16,200	9,650	5,640	3,549	392	76,258	8,112	Av. S items=	
Z.B.T.	231	408	396	396	596	736	538	785	1,201	1,487	770	690	228	24		1,496	5,422	
R (Z.S.D.)	462	1,224	1,384	1,384	2,980	4,356	3,796	6,300	10,806	11,370	8,470	7,920	2,964	349	65,081	9,482	Av. R items=	

$$r = \frac{65,081 - (5,422 \times 9,482)}{\sqrt{[86,112 - (5,422 \times 8,112)] [76,258 - (6,338 \times 9,482)]}} = .047$$

$$r_2 = \frac{65,081 - (5,422 \times 9,482)}{76,258 - (6,338 \times 9,482)} = .883$$

TABLE C.—Age-grade table, Donora, Pa., 1917-18, showing the distribution of pupils and the method employed in computing  $r$  and  $r_2$ .

Grades (subject items).	Ages (relative items; lower numbers are substitutes for the exact ages).															Total enroll- ment.	ST.	SST.		
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
1	171	140	41	28	8	5	2	14	18	14	14	14	14	14	14	14	14	300	390	390
2	171	80	117	45	30	39	18	2	16	14	14	14	14	14	14	14	14	270	558	1,116
3	171	30	57	85	47	70	51	2	16	14	14	14	14	14	14	14	14	288	864	2,592
4	171	105	13	55	105	69	73	46	38	17	17	17	17	17	17	17	17	324	1,296	5,184
5	171	6	6	20	6	47	48	53	65	28	4	4	4	4	4	4	4	310	1,240	7,750
6	171	7	7	20	6	47	48	53	65	28	4	4	4	4	4	4	4	251	1,005	9,036
7	171	7	7	20	6	47	48	53	65	28	4	4	4	4	4	4	4	196	1,372	9,604
8	171	7	7	20	6	47	48	53	65	28	4	4	4	4	4	4	4	164	1,312	10,496
9	171	7	7	20	6	47	48	53	65	28	4	4	4	4	4	4	4	70	630	5,670
10	171	7	7	20	6	47	48	53	65	28	4	4	4	4	4	4	4	42	420	4,200
11	171	7	7	20	6	47	48	53	65	28	4	4	4	4	4	4	4	73	782	8,712
12	171	7	7	20	6	47	48	53	65	28	4	4	4	4	4	4	4	39	468	5,616
Total	171	260	221	238	243	245	234	188	258	194	94	51	54	2	2	2	2	2,425	11,138	70,366
RT	171	600	663	852	1,215	1,470	1,638	1,504	2,142	1,940	1,034	612	707	26	26	26	26	14,601	Av. 8 items =	
RTT	171	1,900	1,469	3,218	6,827	8,827	12,093	12,093	19,275	19,408	11,374	7,344	9,126	302	480	480	480	112,725	11,138 = 4,901	
RTTT	171	380	484	600	1,177	1,581	1,138	1,585	1,456	1,456	1,837	5,540	610	22	22	22	22	81,770	2,425 = 4,901	
RTTTT	171	780	1,452	2,852	4,300	6,762	8,071	9,104	14,265	14,560	9,207	6,690	7,930	308	330	330	330	14,601	14,601 = 6,021	

$$r = \frac{8,852 - (4,901 \times 14,601)}{\sqrt{[70,366 - (4,901 \times 11,138)][112,725 - (6,021 \times 14,601)]}} = 0.806$$

$$r_2 = \frac{85,852 - (4,901 \times 14,601)}{112,725 - (6,021 \times 14,601)} = 0.785$$

## THE COEFFICIENT OF CORRELATION AND THE COEFFICIENT OF REGRESSION FOR THREE TYPICAL AGE-GRADE DISTRIBUTIONS.

An inspection of figure 5 might lead one to believe that little relationship exists between the age and grade of pupils in certain cities. For instance, what is the relationship between the age and grade of pupils in Dedham, Mass., where the proportion of under-age pupils is very large, and in Goshen, Ind., where only a negligible percentage of pupils is under age, but where a comparatively large percentage of pupils is of normal age? In the former city pupils enter school at the age of 5, while in the latter city they do not enter until the age of 6. It is hardly fair, therefore, to measure these cities by the standard proposed above: A better conception as to the relationship between the age and grade of pupils in these cities is gained from the coefficients of correlation and regression. An inspection of the age-grade tables (A and B) for these cities discloses a certain similarity, there being comparatively few ages represented in any grade or relatively few grades enrolling pupils of any given age. The "compactness" of these distributions is in striking contrast to the "scattered" distribution of pupils in the age-grade table for Donora, Pa. Let us proceed to measure these distributions by the coefficients of correlation and regression.

The coefficient of correlation is usually expressed as follows:

$$r = \frac{\Sigma(x \cdot y)}{\sqrt{\Sigma x^2} \sqrt{\Sigma y^2}} = \frac{\Sigma(x \cdot y)}{n \sigma_1 \sigma_2}$$

A shorter method of computing this coefficient is proposed by Ayres<sup>2</sup> as follows:

$$r = \frac{\begin{array}{c} \text{Sum of products of subject and relative items} \\ \text{minus} \\ \text{Av. of subject items} \times \text{total of relative items} \end{array}}{\sqrt{\begin{array}{c} \text{Sum of squares of subject} \\ \text{items} \\ \text{minus} \\ \text{Av.} \times \text{total of these items.} \end{array}} \sqrt{\begin{array}{c} \text{Sum of squares of relative} \\ \text{items} \\ \text{minus} \\ \text{Av.} \times \text{total of these items.} \end{array}}}$$

This formula has been employed in computing  $r$  in Tables A, B, and C. The coefficient of correlation for Dedham is found to be 0.949 and that for Goshen 0.947, while that for Donora is only 0.906. The first two coefficients indicate practically the same relationship between the age and grade of pupils in Dedham and in Goshen. It is seen, therefore, that a very close and essentially equal corre-

<sup>2</sup> A shorter method of computing the coefficient of correlation. By Leonard P. Ayres. *Journal of Educational Research*, March, 1920.

lation between age and grade exists in Dedham and Goshen. The differences so apparent in figure 5 are undoubtedly due to the fact that children enter school earlier in Dedham than in Goshen, one school system being graded about as well as the other. In Donora the coefficient is comparatively low, indicating that pupils having a wide range of ages will be found in each grade.

If all the pupils in Goshen who are 6 years of age were in the first grade; those 7 years of age, in the second grade; those 8 years of age, in the third grade, etc., the correlation between age and grade would be perfect and positive and the coefficient ( $r$ ) would equal 1. On the other hand, if all pupils entered school in the twelfth grade and were regularly demoted the correlation between age and grade would be perfect but negative, and the coefficient ( $r$ ) would equal  $-1$ . If all pupils remain in the first grade the coefficient is indeterminate,  $0/0$ . As age-grade distributions usually have high positive coefficients, it may be said that the coefficient for Donora (0.906) is relatively low.

The coefficient of regression tells a more significant story concerning the average rate of progress of pupils through the grades. This coefficient is found by dividing the numerator of the Ayres formula for  $r$  by the quantity under the second radical.<sup>3</sup>

The coefficient of regression for Dedham is 0.922; for Goshen, 0.883; and for Donora, 0.795. These coefficients show what fractional part of a grade the average pupil advances for each additional year of age. Again the coefficients for Dedham and Goshen are essentially equal, indicating that the average pupil makes about nine-tenths of a grade a year. In Donora the corresponding rate of progress is less than eight-tenths of a grade a year.

<sup>3</sup> Coefficients of regression. By Leonard P. Ayres. *Journal of Educational Research*, May, 1920.

TABLE 6.—Distribution of pupils in 80 cities according to the number of normal age, over age, and under age in 1908 and 1918.

	Total, all ages.	Of normal age.						Over age.					Under age.		
		1 year.	2 years.	3 years.	4 years.	5 years or more.	Total.	1 year.	2 years or more.	Total.	1 year.	2 years or more.	Total.		
<b>FORTIS</b>															
<b>Group A cities, 1908:</b>															
Boys.....	341,553	180,519	38,882	17,080	6,332	3,171	138,082	11,576	508	12,082					
Girls.....	323,869	200,482	32,088	12,463	4,383	2,003	118,717	13,277	833	13,810					
Total.....	674,412	380,961	70,898	29,513	10,725	5,174	257,969	24,853	1,039	25,892					
<b>Group B cities, 1908:</b>															
Boys.....	34,867	18,685	3,641	1,576	582	320	12,584	3,428	190	3,618					
Girls.....	33,875	19,470	2,769	1,032	370	170	10,083	3,927	386	4,222					
Total.....	68,742	38,126	6,410	2,628	952	490	22,677	7,355	585	7,940					
<b>All 80 cities, 1908:</b>															
Boys.....	376,420	209,174	42,523	18,656	6,914	3,491	151,646	15,004	698	16,700					
Girls.....	366,834	219,952	34,857	12,515	4,763	2,173	128,800	17,204	928	18,132					
Total.....	743,254	429,076	77,380	32,141	11,677	5,664	280,446	32,208	1,624	34,832					
<b>Group A cities, 1918:</b>															
Boys.....	509,299	338,538	68,893	29,926	10,988	3,751	114,984	52,007	3,770	58,777					
Girls.....	514,816	350,238	24,401	8,751	2,902	1,288	98,423	61,862	4,983	66,155					
Total.....	1,024,115	688,776	93,294	38,737	13,890	5,039	213,407	113,869	8,753	124,932					
<b>Group B cities, 1918:</b>															
Boys.....	58,339	37,356	3,308	1,368	375	190	12,934	7,428	601	8,029					
Girls.....	59,725	36,137	2,730	986	306	106	11,131	8,666	771	9,437					
Total.....	118,064	73,493	6,038	2,354	681	296	24,065	16,094	1,372	17,466					
<b>All 80 cities, 1918:</b>															
Boys.....	567,638	375,894	72,191	30,344	11,363	3,681	124,920	63,435	4,371	66,806					
Girls.....	574,541	386,383	27,191	9,700	3,208	1,394	109,564	70,223	5,364	75,587					
Total.....	1,142,179	762,277	99,382	40,044	14,571	5,075	234,484	133,658	9,735	142,393					

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

MEDIAN PERCENTAGES.		AVERAGE PERCENTAGES.	
Group A cities:			
Boys.....	1908 1918	20.9 14.1	11.3 8.2
Girls.....	1908 1918	64.2 60.4	8.9 4.7
Group B cities:			
Boys.....	1908 1918	19.6 12.7	10.8 5.2
Girls.....	1908 1918	64.4 58.3	8.4 3.9
All 50 cities:			
Boys.....	1908 1918	20.0 13.3	11.2 6.6
Girls.....	1908 1918	64.3 60.3	8.5 4.3
Group A cities:			
Boys.....	1908 1918	21.5 13.5	11.4 5.8
Girls.....	1908 1918	60.2 58.0	9.5 4.7
Total.....	1908 1918	21.0 12.7	10.5 5.3
Group B cities:			
Boys.....	1908 1918	18.6 13.5	10.4 5.7
Girls.....	1908 1918	64.0 57.5	8.2 4.5
Total.....	1908 1918	17.3 12.7	8.5 5.1
All 50 cities:			
Boys.....	1908 1918	21.2 13.5	11.2 5.8
Girls.....	1908 1918	60.0 57.8	9.5 4.7
Total.....	1908 1918	20.7 12.7	10.4 5.3

Included in preceding column.



PUPILS UNDER AGE, OF NORMAL AGE, AND OVER AGE IN 1908 AND IN 1918.

From the preceding figures it is not possible to gain a general concept as to the per cent of pupils under age, of normal age, and over age. These relationships are best exhibited in Table 6 and in figure 6, where the corresponding percentages for 1908 and 1918 are placed

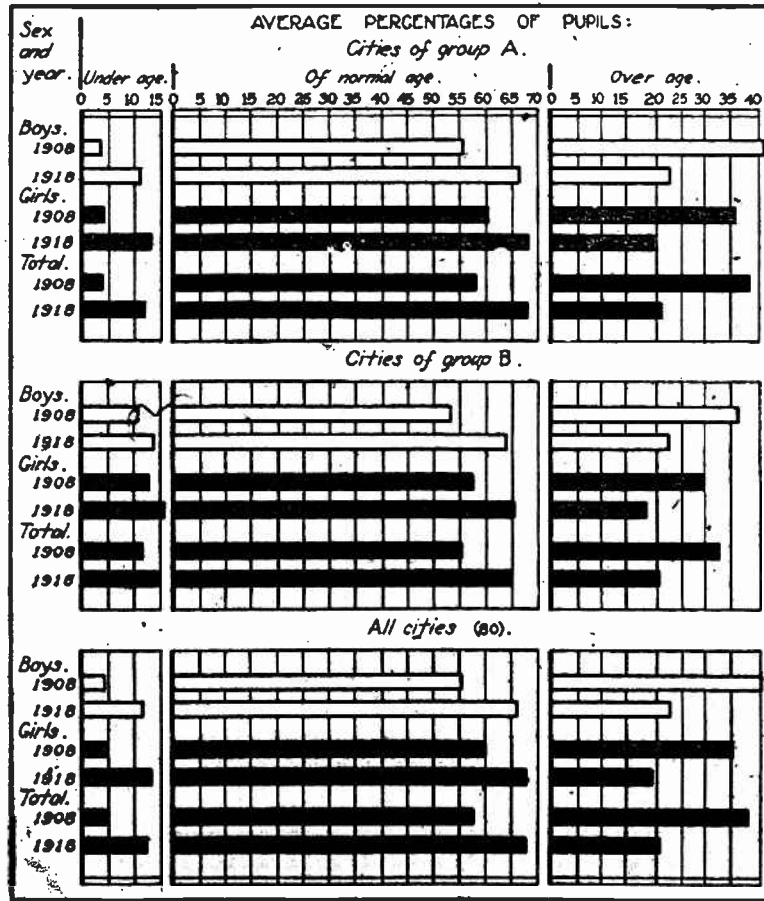


FIG. 6.—Average percentages of pupils under age, of normal age, and over age in 80 cities in 1908 and 1918.

in juxtaposition. The changes within this interval are shown for the two groups of cities separately and combined, for boys and girls, and for all pupils. The per cent of the under-age pupils in cities of group A has increased about threefold, while in cities of group B the corresponding increases have not been so marked. In every instance, however, the per cent of under-age pupils has increased. Likewise,

the proportion of children of normal age has increased for each group of cities and for both boys and girls. There has been a greater increase in the proportion of boys than of girls of normal age. These increases imply that the percentage of over-age pupils has decreased correspondingly. These facts are illustrated by the last column of bars in the diagram. The changes pointed out in this figure are highly significant. The school work offered to-day must come more nearly meeting the developing mental capacities of children than did the curricula 10 years ago. These commendable changes denote unmistakable progress in dealing with the problem of over-age pupils. It should be remarked that the percentages shown in figure 6 are averages—not medians. Thus for each 100 pupils enrolled in city schools in 1918, 12 were under age, 67 were of normal age, and 21 were over age. In 1908 out of each 100 pupils so enrolled, 4 were under age, 58 were of normal age, and 38 were over age. Within the last 10 years the proportion of under-age pupils has trebled while the proportion over age has been almost cut in two (reduced from 38 to 21).

If it is desired to characterize city school practices an inspection of the corresponding median percentages must be made. In Table 6 and figure 7 these median percentages are exhibited. Consider, for instance, the first two series of bars in cities of group A, representing "boys" in 1908 and in 1918. At the former date as many cities had a proportion of under-age boys exceeding 3.6 as had a proportion less than this percentage, while in 1918 the corresponding median percentage was 11.5. In these instances an extra large city counts no more than a small city in the determination of the median. In a similar manner it is shown that as many cities had in 1908 more than 55.3 per cent of their pupils of normal age as had a smaller percentage, while in 1918 the corresponding divisional percentage had increased to 64.2. Within the same interval the median percentages of over age pupils were reduced from 39.4 per cent to 22.9 per cent. In a similar manner the other medians shown in the diagram may be interpreted. A marked difference between medians and averages is apparent in the cities of group B. Little change has been made in this group within the 10-year period in the average percentages of under-age pupils, but considerable change has taken place in the corresponding median percentages.

An analysis of the percentage of over-age pupils is exhibited in Table 6 and figure 8. It is found that the percentage of pupils retarded one year exceeds the percentage retarded two years, three years, or for a longer period. Approximately half of the over-age pupils are only one year over age. In this diagram both averages and medians are shown. Ordinarily they are not essentially differ-

ent. The black bars represent arithmetical averages only. For all cities combined in 1908, 20.7 per cent of the pupils were retarded

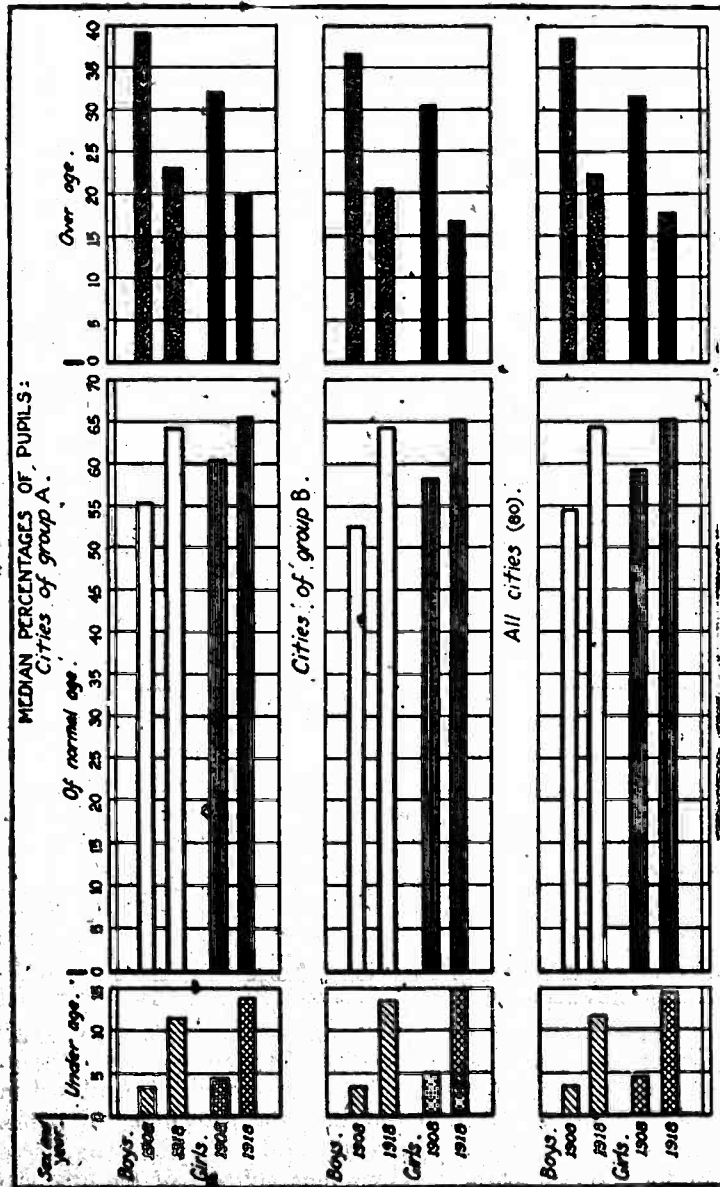


FIG. 7.—Median percentages of pupils under age, of normal age, and over age in 80 cities in 1908 and 1916.

one year; 10.4 per cent, two years; 4.3 per cent, three years; and 2.3 per cent, four years or more. The corresponding percentages for 1916 were only 12.7, 5.3, 1.9, and 0.9, respectively. Within this

period the percentage of pupils retarded four years or more has been reduced 61 per cent; the percentage of those retarded three years, 56 per cent; the percentage of those two years over age, 49 per cent; and the percentage of those only one year over age, 39 per cent.

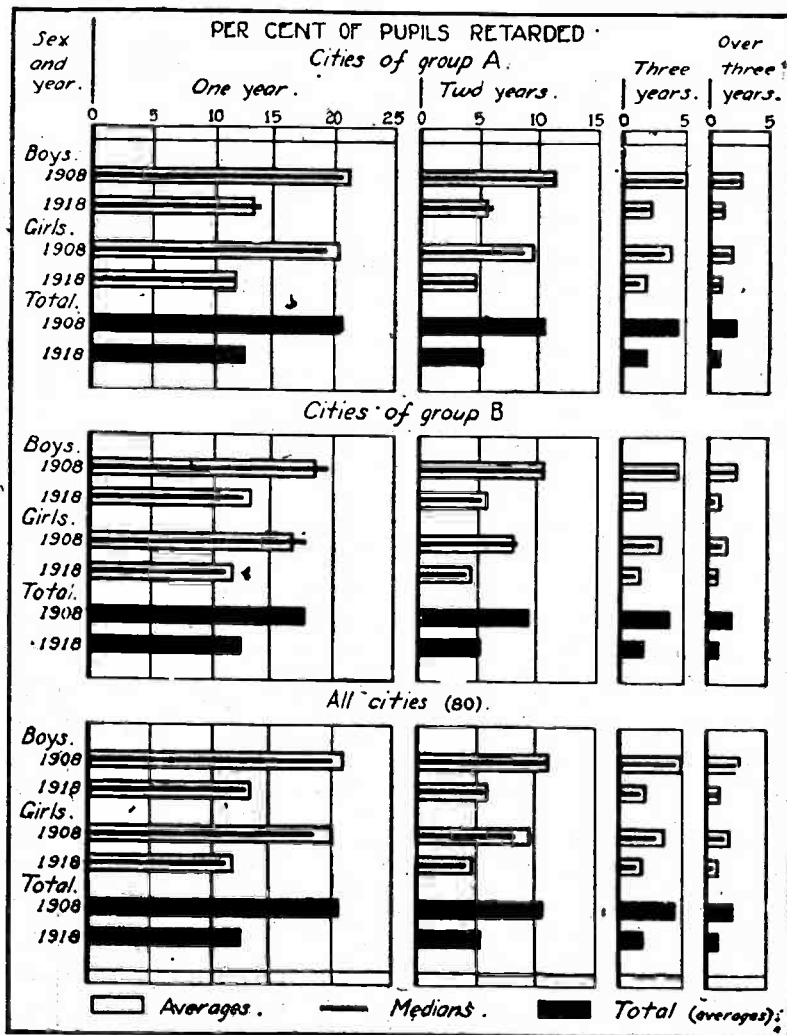


FIG. 8.—Per cent of pupils retarded one, two, three, and more than three years in 80 cities in 1908 and 1918.

It is seen, therefore, from these percentages that the greatest reduction in retardation percentages has been made among pupils who are decidedly over age. Marked reductions have taken place, however, in each over-age group within this 10-year interval. By

TABLE 7.—Enrollment of pupils by ages in 80 cities in 1908 and 1918.

Items	5 years or less.	6 years.	7 years.	8 years.	9 years.	10 years.	11 years.	12 years.	13 years.	14 years.	15 years.	16 years.	17 years.	18 years.	19 years.	20 years and over.	Total.
<b>Pupils in group A cities, 1908:</b>																	
Boys	2,716	29,509	37,314	40,015	38,404	39,218	38,108	39,467	39,791	38,645	10,922	9,206	5,110	2,628	940	317	1,867,453
Girls	2,584	28,368	36,373	37,936	37,633	38,813	37,843	39,066	37,435	37,046	17,564	10,431	6,212	3,053	1,021	253	1,364,063
<b>Total</b>	5,300	57,877	73,687	77,951	76,037	76,921	75,951	78,533	76,226	75,691	28,486	19,637	11,322	5,681	1,961	570	3,231,516
<b>Pupils in group B cities, 1908:</b>																	
Boys	1,065	3,080	3,714	3,867	3,762	3,941	3,875	3,837	3,817	3,176	2,198	1,520	858	460	153	62	1,391,170
Girls	1,066	2,973	3,603	3,928	3,777	3,803	3,810	3,823	3,110	2,307	1,734	1,139	517	241	183	48	1,306,448
<b>Total</b>	2,131	6,053	7,317	7,795	7,539	7,744	7,685	7,660	7,225	5,483	3,936	2,659	1,375	701	336	110	2,697,618
<b>Pupils in 80 cities, 1908:</b>																	
Boys	3,731	32,559	41,028	43,882	42,256	43,159	41,983	43,324	42,448	41,762	19,120	10,735	5,968	3,088	1,103	379	4,068,623
Girls	3,650	31,341	39,976	41,864	41,410	42,616	41,753	42,909	41,068	40,166	19,871	12,189	7,341	3,562	1,204	301	4,501,541
<b>Total</b>	7,381	63,900	81,004	85,746	83,666	85,775	83,736	86,233	83,516	81,928	39,091	22,924	13,370	6,670	2,307	680	8,570,164
<b>Pupils in group A cities, 1918:</b>																	
Boys	8,278	53,677	55,201	54,004	54,645	53,376	50,221	49,642	47,644	36,362	22,109	12,243	7,467	3,525	1,223	472	509,299
Girls	8,405	51,378	55,193	53,913	54,184	52,872	50,539	49,440	46,363	36,301	24,257	14,475	8,959	4,019	1,210	461	514,816
<b>Total</b>	16,683	104,055	110,394	107,917	108,829	106,248	101,060	99,081	94,007	72,663	46,366	26,718	16,446	7,544	2,433	933	1,024,115
<b>Pupils in group B cities, 1918:</b>																	
Boys	1,272	5,452	6,871	6,884	6,969	6,841	6,526	6,120	5,055	3,373	2,303	1,135	1,430	709	269	130	58,339
Girls	1,270	5,150	5,844	5,878	5,875	5,794	5,532	5,228	4,901	4,579	3,076	2,663	1,927	916	263	119	56,725
<b>Total</b>	2,542	10,602	12,715	12,762	12,844	12,615	12,058	11,348	10,046	8,042	6,079	4,798	3,357	1,625	532	249	115,064
<b>Pupils in 80 cities, 1918:</b>																	
Boys	9,550	59,129	62,072	60,888	59,614	56,217	51,747	54,762	52,699	40,735	25,412	14,378	8,917	4,234	1,492	602	567,638
Girls	9,675	56,528	61,037	60,059	58,666	56,391	54,677	54,677	53,354	41,380	27,033	17,138	10,846	4,933	1,493	600	574,541
<b>Total</b>	19,225	114,657	123,109	120,943	118,280	112,608	106,414	109,439	106,053	82,115	52,445	31,516	19,863	9,169	2,985	1,202	1,142,179
<b>Pupils in group A cities having kindergarten, 1918:</b>	15,063	95,542	100,700	98,342	99,118	98,486	91,481	90,551	87,729	65,963	41,240	22,398	14,321	6,144	2,049	853	929,309
<b>Pupils in group B cities not having kindergarten, 1918:</b>	1,630	8,511	9,794	9,665	9,711	9,762	9,599	8,540	8,278	7,170	5,117	3,320	2,125	1,100	384	100	94,808
<b>Pupils in group B cities having kindergarten, 1918:</b>	1,155	4,960	5,680	5,733	5,806	5,157	4,814	4,789	4,411	3,412	2,296	1,615	839	317	56	56	56,698

Pupils in group B cities not having kindergarten, 1918.....	1,387	5,642	6,025	6,029	6,028	6,077	5,911	5,534	5,257	4,541	3,567	2,502	1,742	736	235	93	61,306
Group A cities having kinder- gartens, 1918.....	18,208	100,502	106,380	104,078	104,024	102,044	96,628	95,365	92,518	70,404	44,661	25,664	15,036	7,262	2,366	1,009	696,007
Pupils in 20 cities not having kinder- gartens, 1918.....	3,017	14,163	15,029	15,094	15,749	15,839	15,800	14,074	13,535	11,711	8,684	5,822	3,867	1,986	-619	183	156,172
Per cent of pupils of each age: Group A, 1918.....	0.8	7.9	10.1	10.9	10.4	10.7	10.4	10.7	10.4	7.6	4.7	2.7	1.6	0.7	0.3	0.1	100.0
Group B, 1918.....	1.6	10.2	10.8	10.6	10.5	10.4	9.9	9.7	9.4	7.1	4.5	2.6	1.6	0.7	0.3	0.1	100.0
Group B, 1919.....	2.7	7.7	9.3	9.9	9.6	9.8	9.8	9.8	9.2	7.9	6.7	4.2	2.5	1.3	.6	.1	100.0
Group B, 1920.....	2.1	9.0	9.9	10.0	10.0	9.9	9.4	8.8	8.6	7.6	5.9	4.0	2.8	1.4	.5	.2	100.0
All 20 cities, 1918.....	1.0	7.9	10.0	10.3	10.3	10.6	10.3	10.7	10.3	7.6	4.8	2.8	1.7	.8	.3	.1	100.0
All 20 cities, 1919.....	1.7	10.0	10.7	10.5	10.6	10.3	9.8	9.6	9.3	7.2	4.7	2.8	1.7	.8	.3	.1	100.0

This total exceeds the corresponding grade enrollment by 158.  
 This total is less than the corresponding grade enrollment by 345.  
 Includes 1,270 pupils enrolled in the ninth grade elementary not included in corresponding grade table. See footnotes to Table 36.  
 This total exceeds the corresponding grade enrollment by 103.  
 This total exceeds the corresponding grade enrollment by 113.  
 Includes 700 pupils enrolled in the ninth grade elementary not included in the corresponding grade table. See footnotes to Table 36.



comparing the bars representing the two groups of cities, it is found that larger percentages of over-age pupils are found in the cities of group A than in the cities of group B. It will be observed also that the percentages of over-age boys are invariably greater than the corresponding percentages of over-age girls. In every instance the percentages are less in 1918 than they were in 1908. As in the two preceding figures, the medians represent city practices, while the averages stand for the retardation of individual pupils enrolled in city schools. The relationship of the "bars" and "pins" in this diagram is significant. Thus in group A cities for boys in 1908 the median is less than the average percentage, indicating that the larger cities of this group had greater percentages of boys retarded one year than did the smaller cities of this class. In 1918 the reverse condition is shown, the larger cities having the smaller percentages of children one year over age. The larger cities of group A have made greater progress during this 10-year period in reducing the proportion of pupils one year over age than have the smaller cities of the same group.

#### PERCENTAGE DISTRIBUTION OF PUPILS BY AGES.

In Table 7 and figure 9 the percentage distribution of the total number of pupils of each age in 1908 and in 1918 is shown. At first glance the two curves appear somewhat similar in structure. A closer inspection reveals the fact that the curve for 1918 has shifted slightly to the left. The cause of this displacement is due to the fact that a larger percentage of children 5, 6, and 7 years of age is enrolled in school in 1918 than was enrolled in 1908. This situation partly explains the large increases in the percentage of under-age pupils since 1908, as pointed out in figures 6 and 7. The large increases in the percentage of under-age pupils, therefore, is not wholly due to a greater flexibility in school curricula, thereby permitting pupils to advance from grade to grade as soon as they have mastered the required subject matter, but partly due to the earlier enrollment of children in school. This tendency for children to enter school earlier reduces correspondingly the percentage of over-age children. Too much credit, therefore, should not be assigned to enriched curricula or to better teaching in explaining the reduction in the percentage of over-age pupils.

Another very significant tendency is portrayed in this figure. There has been a decided decrease in the percentage of pupils 11, 12, and 13 years of age within this 10-year period. This condition may imply that over-age pupils are dropping out of school at these ages. This theory is supported by the fact that the percentage of over-age pupils decreased rapidly at these ages, as shown in figure 26, and

further by the fact that most compulsory attendance laws become less effective at these ages. During the high-school ages, 14 to 18, the two curves in figure 9 are not essentially different.

In 1908 the largest percentages of children in school are found to be 8, 9, 10, 11, and 12 years of age, while in 1918 the largest percentages are enrolled at the ages of 7, 8, 9, and 10. The average of these age groups probably best represents the number of beginning pupils,<sup>2</sup>

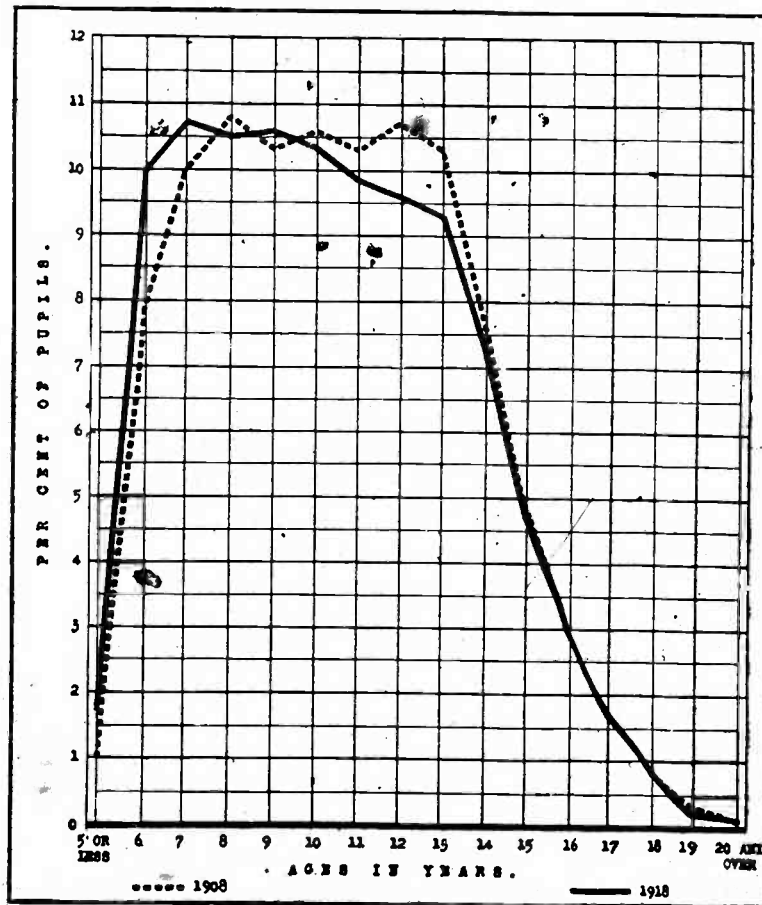


FIG. 9.—Per cent of pupils of each age in 80 cities in 1908 and 1918.

as well as any single number can characterize it. To include other ages in these particular averages would reduce the number of beginners below what it should be for the largest number of classes. To use the largest age group,<sup>3</sup> as has been done in this study to secure

<sup>1</sup> Ayres, Leonard P. *Leggards in our schools* (ch. 5).

<sup>2</sup> Strayer, George Drayton. *Bulletin No. 5, 1911, Bureau of Education. Age and grade census of schools and colleges.*



the detailed survival percentages is to employ a number characterizing only one age group, which is higher than all the other age groups represented. From this figure it is clearly evident that the age groups to be employed can only be determined by ascertaining which ones are essentially equal in magnitude. In neither case can a single number derived from the fullest age groups represent the number of pupils beginning at earlier dates, since each succeeding statistical generation is larger than the one which preceded it.

TABLE 8.—Frequency of the ratios between the number of boys and girls who have reached their grade one or more years earlier than the normal age, and the total number of boys and girls enrolled in 80 cities in 1908 and 1918.

Percent of total number of same sex.	Group A cities.				Group B cities.				All (80) cities.			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
Less than 1 per cent.	5	1	4	1	2	1	1	1	7	1	5	1
1 per cent.	6	3	7	10	6	5	8	15	1	12	1	1
2 per cent.	9	3	3	6	8	2	13	3	11	8	3	3
3 per cent.	3	1	6	3	3	1	2	6	2	8	3	3
4 per cent.	2	2	5	2	2	1	3	4	3	8	3	3
5 per cent.	8	1	3	2	1	3	1	9	4	4	5	2
6 per cent.	4	3	1	1	1	1	1	4	4	4	2	2
7 per cent.	2	1	2	1	2	3	1	4	4	3	1	1
8 per cent.	1	2	1	1	1	1	2	3	3	1	3	7
9 per cent.	3	1	1	3	1	3	1	4	4	2	2	2
10 per cent.	1	3	2	1	2	3	1	2	6	3	3	3
11 per cent.	1	4	2	1	2	1	2	1	6	3	1	4
12 per cent.	1	1	2	1	1	1	2	2	3	1	4	3
13 per cent.	1	3	1	3	2	1	2	2	6	1	6	6
14 per cent.	1	4	1	3	2	2	2	2	8	1	5	5
15 per cent.	1	2	1	3	1	1	3	3	8	1	4	4
16 per cent.	1	2	1	1	1	1	3	3	1	1	1	1
17 per cent.	1	1	1	1	1	1	1	2	2	1	1	1
18 per cent.	1	1	2	2	2	1	1	3	3	1	3	3
19 per cent.	1	3	3	2	2	2	2	5	5	5	5	5
20 per cent.	1	1	1	1	3	1	1	2	1	1	1	1
21 per cent.	1	1	4	4	1	1	1	1	1	1	5	5
22 per cent.	1	1	2	1	1	1	1	1	1	1	1	1
23 per cent.	1	1	2	1	1	1	1	1	1	1	2	2
24 per cent.	1	2	3	3	1	1	1	3	2	1	1	1
25 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
27 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
28 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
29 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
30 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
31 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
32 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
33 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
34 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
37 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
38 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
41 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
42 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
43 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
45 per cent.	1	1	1	1	1	1	1	1	1	1	1	1
54 per cent.	1	1	1	1	1	1	1	1	1	1	1	1

CHANGE IN THE PROPORTION OF PUPILS UNDER AGE, OF NORMAL AGE, AND OVER AGE SINCE 1908.

In figure 10 the 80 cities studied have been distributed according to the percentage of under-age pupils. In 1908 it was customary for cities to have only 2 or 3 per cent of under-age pupils. At any rate more cities had these percentages than any others. There seems to be little difference between the percentages of boys and girls who are under age. In 1918 no single percentage seems to characterize

the general practice. The "mountain tops" of 1908 have been demolished.

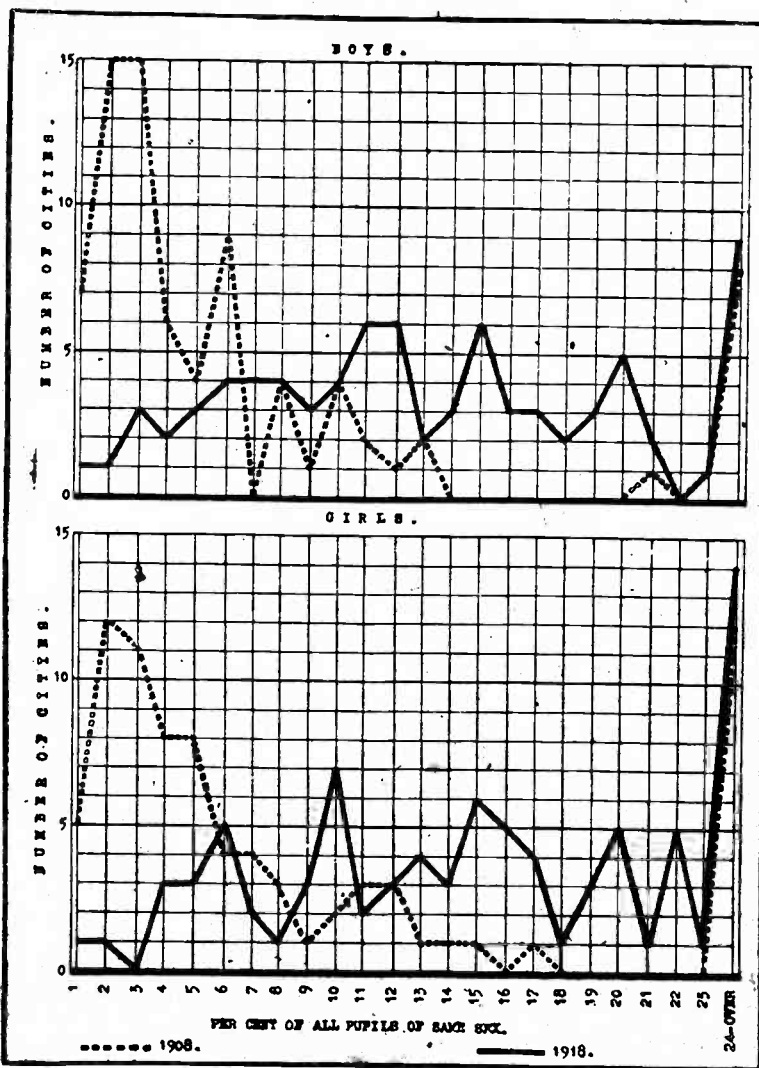


FIG. 10.—Distribution of 80 cities according to the per cent of pupils who have reached their grade one or more years earlier than the normal age in 1908 and 1918.

TABLE 9.—Frequency of the ratios between the number of boys and girls of normal age and the total number of boys and girls enrolled in school in 1908 and 1918.

Percent of total number of same sex.	Group A cities.				Group B cities.				All cities.			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
24-27.9					1					1		
32-33.9												1
38-39.9	2									2		1
40-41.9	1									1		
42-43.9												1
44-45.9			1		1					1		2
46-47.9	2		1		3					3		3
48-49.9	2	1	1	1	1			2		2		3
50-51.9	5		2		11	1		4		3	1	5
52-53.9	5		1		5	1	3	2		10	1	4
54-55.9	6	1	3		4	1	4	1	10	2	7	7
56-57.9	2	2	7	1	3	6	2	4	5	8	9	5
58-59.9	5	4	1	1	2	1	5	2	7	5	6	3
60-61.9	5	6	7	3	2	4	4	6	7	10	11	9
62-63.9	4	7	2	7	2	4	2	2	6	11	4	9
64-65.9	1	5	6	8	1	4	2	3	2	9	8	11
66-67.9	1	5	3	2	1	4	3	2	2	9	6	4
68-69.9		3	2	7		4		2		7	2	9
70-71.9		4	2	6		3	3	6		7	5	12
72-73.9	1	2			1	2		2	2	4	4	4
74-75.9				2		1		3		1		5
76-77.9		1	1			2		1		3	1	2
78-79.9				1				1				2
80-81.9								1			1	1
82-83.9		1		1						1		1

In figure 11 the 80 cities have been distributed according to the percentage of boys and girls of normal age. In 1908 the largest number of cities (mode) had from 50 to 51 per cent of their boys of normal age. In 1918 the mode for boys had shifted to the percentage group, 62 to 63. For girls in 1908 the mode was in the percentage group 60 to 61, while in 1918 the most usual percentage was 70 to 71. In general in this figure the black curves for 1918 fall to the right of the dotted curves for 1908. These changes unmistakably indicate that school curricula are coming more and more to conform to the chronological if not to mental age of the pupils. Even if children do enter school earlier than they did 10 years ago, such a condition does not vitiate this fact. If earlier entrance at school results in an increase in the percentage of children, both under age and of normal age and reduces the percentage of children over age, the practice is surely commendable. The chronological age of children and the curriculum are becoming more closely harmonized as the percentage of children of normal age increases.

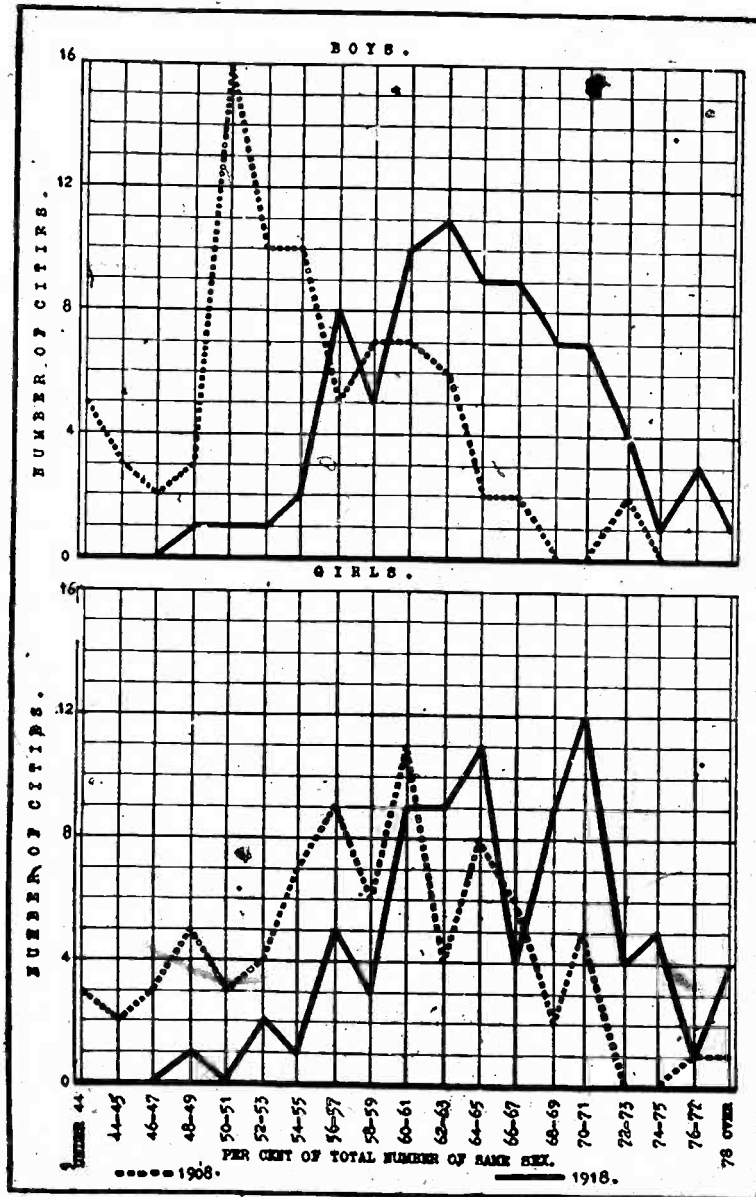


FIG. 11.—Distribution of 80 cities according to the percentage of boys and girls of normal age enrolled in school in 1908 and 1918.

TABLE 10.—Frequency of the ratios between the number of boys and girls retarded one, two, three, four and more years, and the total number enrolled in all cities (80) in 1908 and 1918.

Percent of total number of same sex.	Cities with the indicated percentage of pupils retarded one year.				Cities with the indicated percentage of pupils retarded two years.				Cities with the indicated percentage of pupils retarded three years.				Cities with the indicated percentage of pupils retarded four or more years.			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Less than 1 per cent.						1			5	14	5	23	9	49	24	57
1 per cent.						1	4	8	2	20	6	26	20	22	29	17
2 per cent.					4	5	4	11	5	18	27	24	23	7	17	6
3 per cent.	1				1	10		17	16	14	14	7	17	1	5	
4 per cent.			1	1	1	12	1	14	18	2	14		6	1	4	
5 per cent.	1	1	1	1	1	14	5	9	10	2	8		2			
6 per cent.	2	2	2	8	3	13	9	9	12	1	3		1			
7 per cent.	1	2	2	2	4	6	12	6	7	7	1		1			1
8 per cent.	2	5	1	6	6	13	9	3	3							
9 per cent.	2	3	2	5	10	2	7	2	1							
10 per cent.	1	5			12	7	1	7								
11 per cent.		8	5	10	13	1	8					1				
12 per cent.	3	11	2	6	11		5	1	1				1			
13 per cent.		6	1	8	5		3									
14 per cent.	2	7	2	3	5		2									
15 per cent.	1	8	3	3	3		1									
16 per cent.		6	7	2	2	1	2									
17 per cent.	8	8	5	4	1		1									
18 per cent.	7		10	1												
19 per cent.	11	2	8	3												
20 per cent.	7	2	7		1		1									
21 per cent.	10	2	7		1											
22 per cent.	6	1	3													
23 per cent.	5		1													
24 per cent.	6		3													
25 per cent.	2		1													
26 per cent.			2													
27 per cent.	1		2													
30 per cent.	1		2													
31 per cent.	1		1													
32 per cent.	1		1													

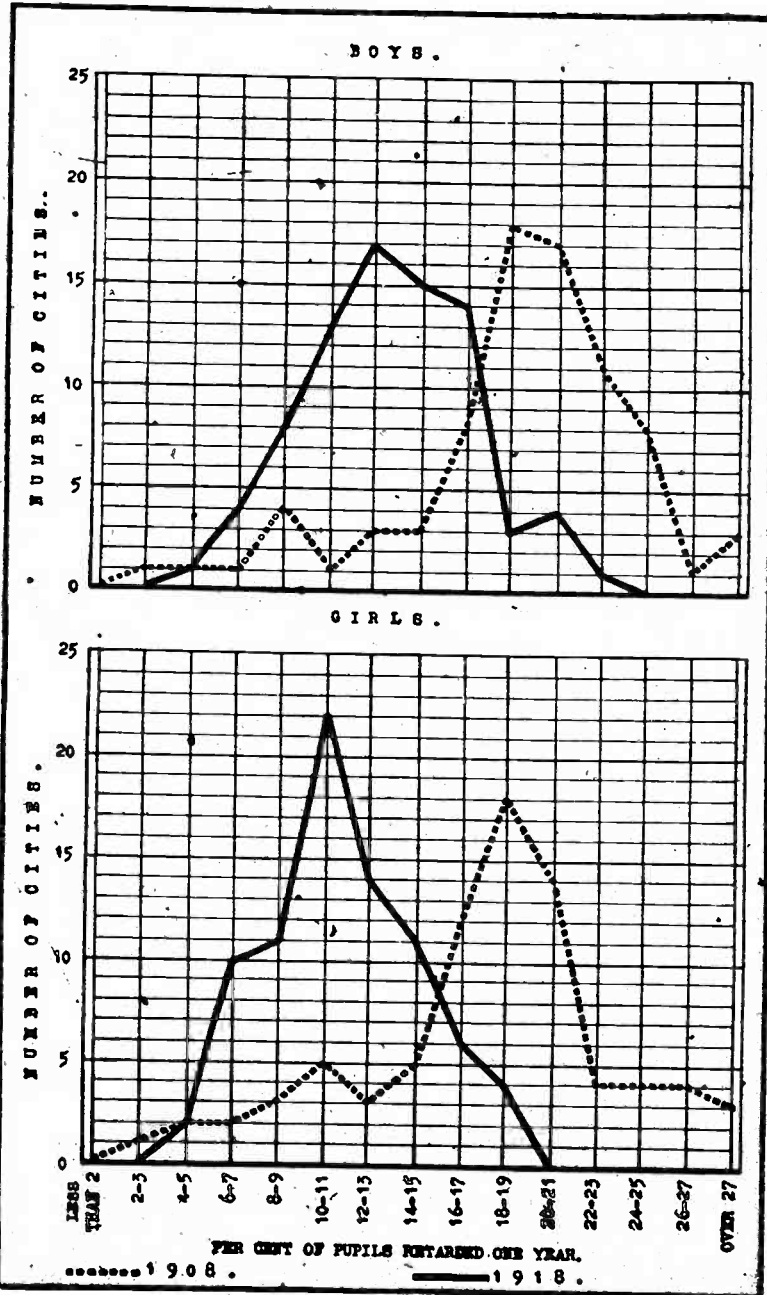


FIG. 12.—Distribution of 80 cities according to the percentage of pupils retarded one year in 1908 and 1918.

TABLE 11.—Frequency of the ratios between the number of boys and girls retarded and the total number enrolled in cities of 25,000 population and over in 1908 and 1918—GROUP A.

Per cent of total number of same sex.	Cities with the indicated percentage of pupils retarded one year.				Cities with the indicated percentage of pupils retarded two years.				Cities with the indicated percentage of pupils retarded three years.				Cities with the indicated percentage of pupils retarded four or more years.				
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Less than 1 per cent.....											5		7	2	21	10	26
1 per cent.....						1	1	2	1	15	2	16	12	14	16	14	
2 per cent.....								5	1	9	16	15	11	6	10	2	
3 per cent.....						4		8	11	10	6	4	10	1	4		
4 per cent.....					1	6	1	8	10	1	10		6		2		
5 per cent.....					1	9		5	7	2	5		1				
6 per cent.....		1		2	1	6		6	7		2						
7 per cent.....				2	2	5	10	4	4		1						
8 per cent.....				4	5	8	2	2	1								
9 per cent.....	1	2	1	3	6	1	4	1									
10 per cent.....		4		5	2	1	6										
11 per cent.....		3	3	6	8		1	5									
12 per cent.....	2	7	1	4	8		2										
13 per cent.....		3		2	3		1										
14 per cent.....	1	6	2	1	1		1										
15 per cent.....	1	3	1	7	1												
16 per cent.....		3	4	2	1			1									
17 per cent.....	5	6		2	3			1									
18 per cent.....	5		5		1			1									
19 per cent.....	2	1	4	1													
20 per cent.....	4	1	6		1												
21 per cent.....	7	1	5														
22 per cent.....	4	1	2														
23 per cent.....	3		1														
24 per cent.....	2																
25 per cent.....	1																
26 per cent.....			1														
27 per cent.....	1																
30 per cent.....	1																
31 per cent.....	1		1														

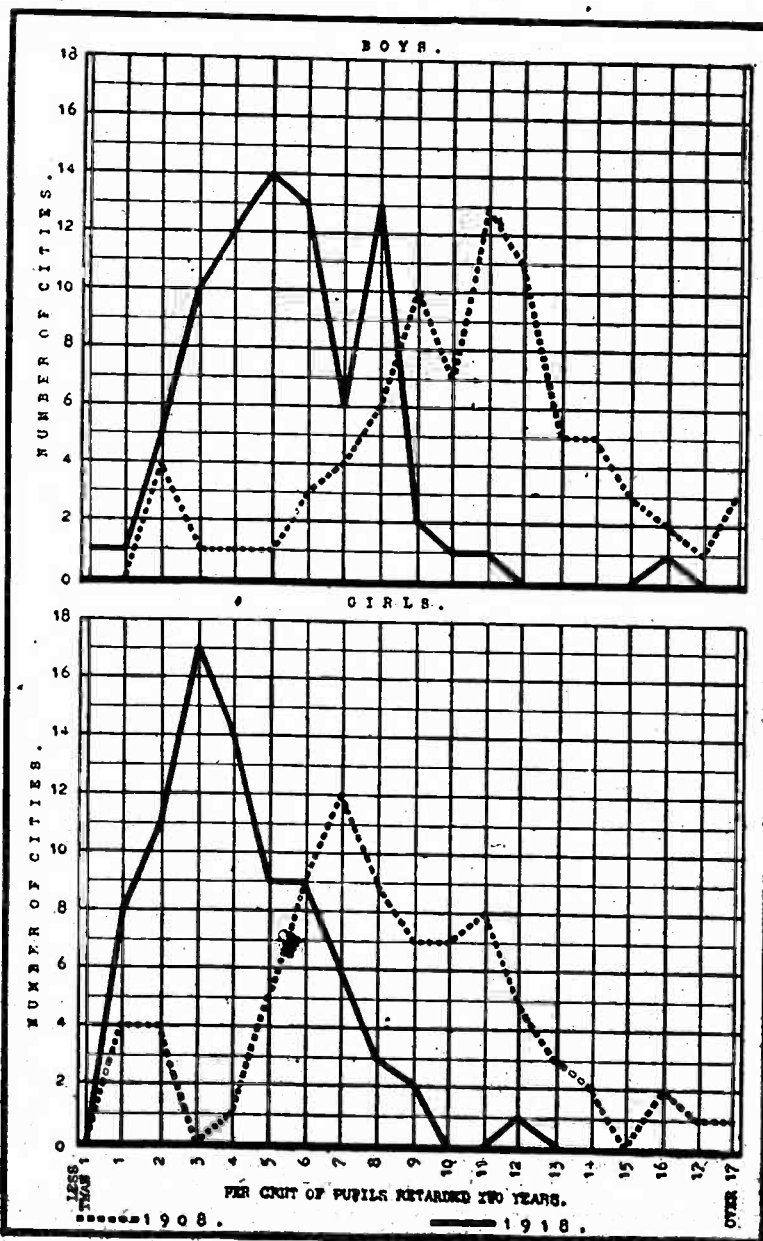


FIG. 18.—Distribution of 80 cities according to the percentage of pupils retained two years in 1908 and 1918.



TABLE 12.—Frequency of the ratios between the number of boys and girls retarded and the total number enrolled in cities having a population less than 25,000 in 1908 and 1918—GROUP B.

Per cent of total number of same sex.	Cities with the indicated percentage of pupils retarded one year.				Cities with the indicated percentage of pupils retarded two years.				Cities with the indicated percentage of pupils retarded three years.				Cities with the indicated percentage of pupils retarded four or more years.			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Less than 1 per cent.....						1			5	9	5	16	7	28	14	31
1 per cent.....					4	5	3	6	1	14	4	10	8	8	13	3
2 per cent.....					1	6	9	6	4	9	11	9	12	1	7	4
3 per cent.....	1		1		1	6	6	8	1	4	3			1	2	
4 per cent.....		1	1	1		5	5	4	3		3					
5 per cent.....	1	1	1			2	7	3	2	5	1	1		1		
6 per cent.....		1	2	6		2	1	2	2	3			1			
7 per cent.....	1	2				1	1	2	3							
8 per cent.....	2	5	1	2	1	5	6	1	2		1					
9 per cent.....	1	1	1	2	4	1	3	1	1							
10 per cent.....	1	1		7	5		1									
11 per cent.....		5	2	4			3				1					
12 per cent.....	1	4	1	2	3		2	1	1				1			
13 per cent.....		3	1	6	2		2									
14 per cent.....	1	1		2	4		1									
15 per cent.....		5	2	1	2											
16 per cent.....		3	3		1	1	1									
17 per cent.....	3	2	3	1	1											
18 per cent.....	2	1	5	1												
19 per cent.....	8	1	4	2												
20 per cent.....	3	1	1				1									
21 per cent.....	3	1	2		1											
22 per cent.....	2		1													
23 per cent.....	2															
24 per cent.....	4		3													
25 per cent.....	1		1													
26 per cent.....			1													
30 per cent.....			1													
32 per cent.....	1															

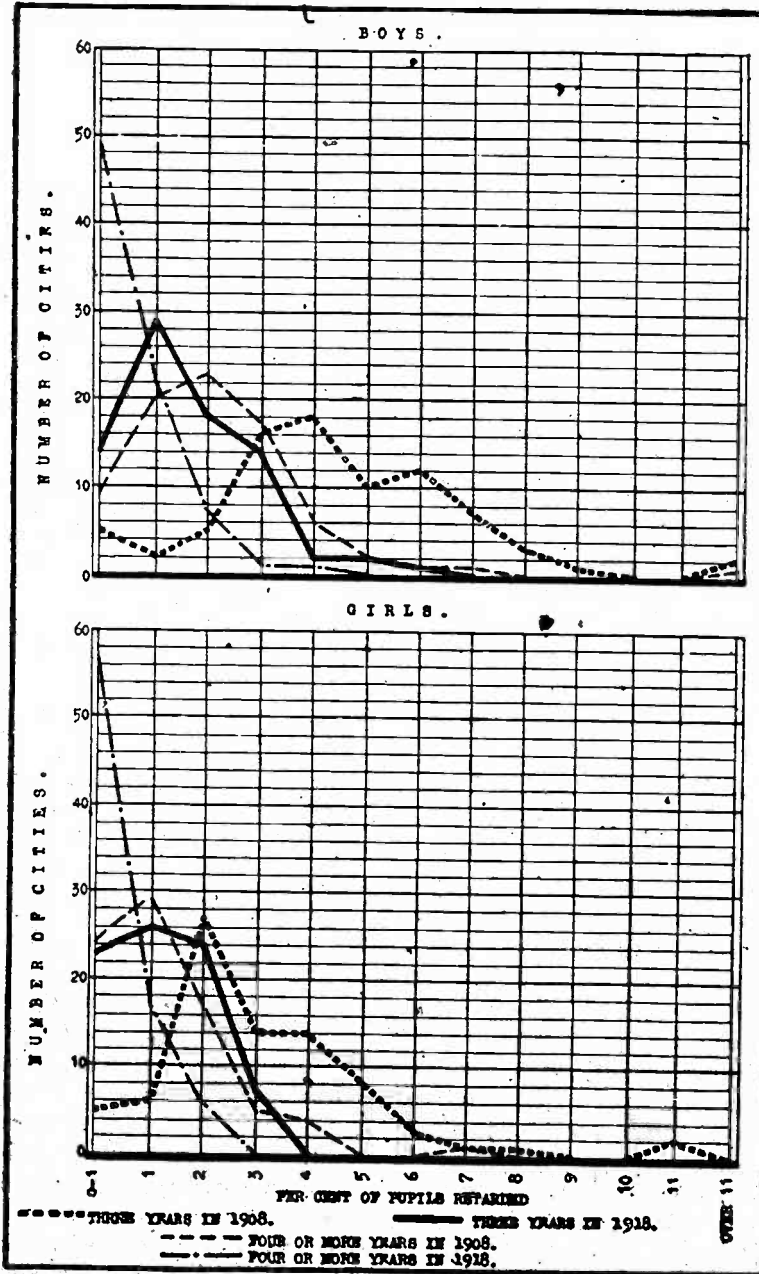


FIG. 14.—Distribution of 80 cities according to the percentage of pupils retained three years and four years or more in 1908 and 1918.

TABLE 13.—Frequency of the ratios between the number of boys and girls retarded one year or more and the total number enrolled in 1908 and 1918.

Per cent of total number of same sex.	Group A.				Group B.				Total.			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
1	2	3	4	5	6	7	8	9	10	11	12	13
5-6												
7-8		1		2	2	1	1	2		1	1	2
9-10					1	1		4	2	1	1	4
11-12				5	1	3		1	1	1		4
13-14		2	1	4	1	5	2	2	1	7	3	6
15-16	1	3	1	5	3	3	1	7	1	6	2	12
17-18		4		4	4	4		4		8		8
19-20	1	4		5	2	3	1	5	3	7	1	8
21-22		7	2	4	6	2		3		12	4	10
23-24		6	1	4	1	2		3	1	8	7	5
25-26		1	3	5	4			6		5	4	4
27-28	1	2	4	4	2	4		4		4	4	4
29-30	3	8	5	4	2	3	1	5	8	8	8	1
31-32	3		5	1	2	3	3	1	5	3	8	2
33-34	4	1	1	1	4	4		1	8	1	1	2
35-36	6		4		4		4	10		8		
37-38	2	2	6		4	1	4	1	2	3	10	1
39-40	3		3		3	1		6		4		
41-42	5	1			2			7		1		
43-44	3		1		3	1		6		2		
45-46	3				2	1		5		1		
47-48	3		1		4		1	7		2		
49-50			1			1				2		
51-52					1		1		1	1		
53-54	1		1		1			2		1		
55-56			2		1			1		2		
57-58	1							1		1		
59-60	1							1				
61-62	1							1				
63-64												1
65-66												
67-68												
69-70												
71-72					1			1				
Median	39.4	22.85	33.15	19.75	38.5	20.55	30.55	10.75	38.3	22.15	31.55	17.75

The reduction in the percentage of over-age pupils since 1908 is pictured in Tables 10, 11, 12, and 13, and in figures 12, 13, 14, and 15. In every instance in the diagrams the mode has shifted to the left for both boys and girls. The general reduction in the percentage of over-age pupils is conducive to better teaching. In some of the cities these over-age pupils have been segregated from the younger pupils of their grades and placed in special schools and classes. The subtle suggestion incident to a study of this kind is that cities which have not provided special work for retarded or subnormal pupils should do so if the proportion of over-age pupils justifies such a venture. In view of the norms established in this study, each city superintendent should carefully analyze the status of the pupils in his school system to determine whether special classes should be provided for the over-age children. A study of special schools and classes for the subnormal children is found in another chapter of this Biennial Survey of Education.

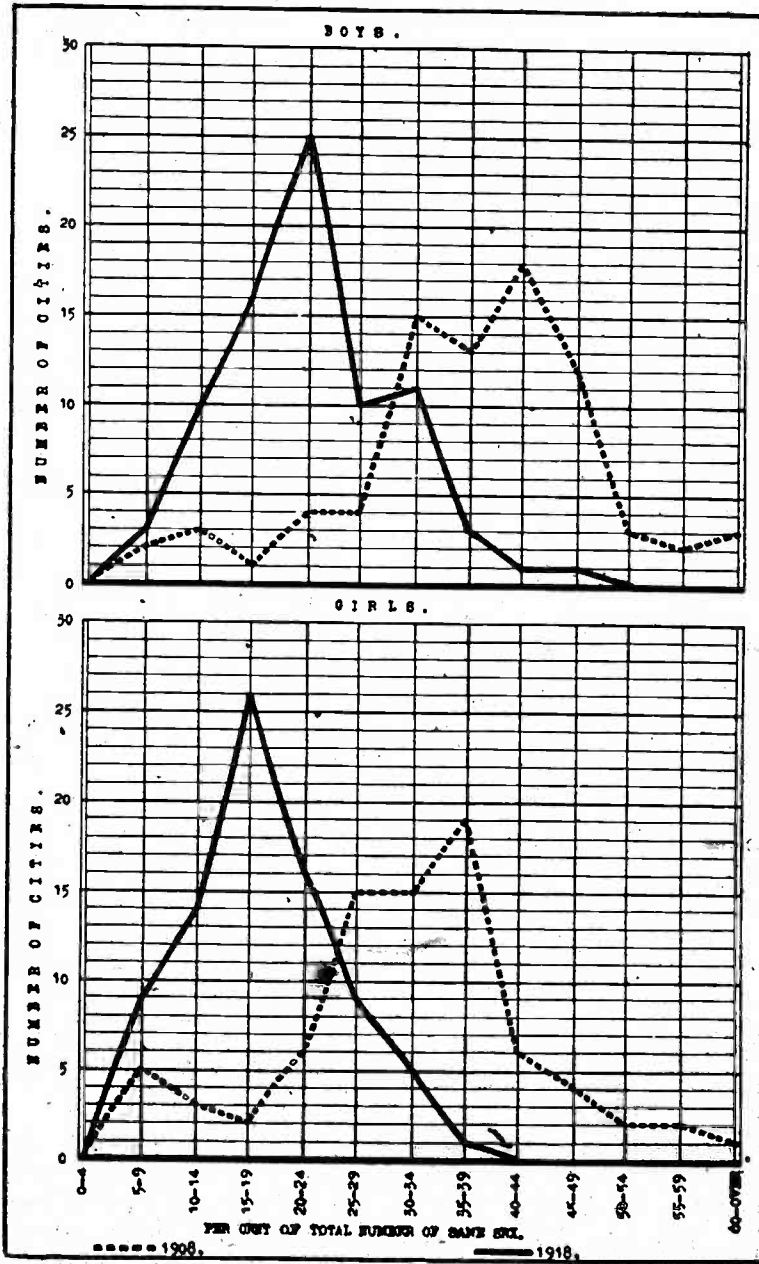


FIG. 15.—Distribution of 80 cities according to the percentage of pupils retarded one year or more in 1908 and 1918.

## OVER-AGE AND UNDER-AGE PUPILS, BY GRADES.

The degree of retardation or acceleration is not more important than the location of the irregularity in grade distribution. Accordingly, the under-age and over-age pupils in each city have been retabulated to show in what grades retardation and acceleration accumulate. The results of this study for 1918 are summarized by means of arithmetical averages in figure 16.

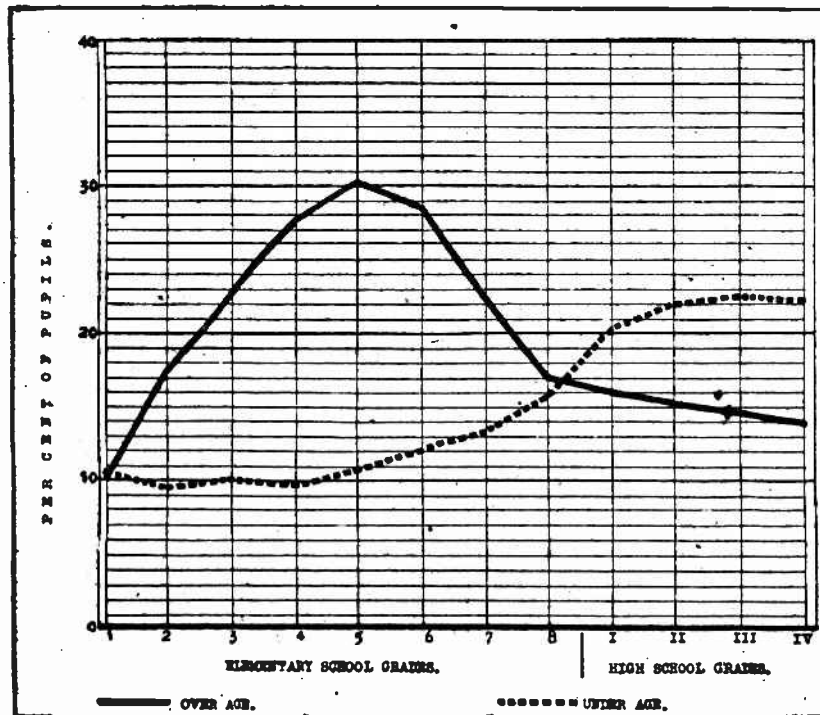


FIG. 16.—Average percentage of pupils over age and under age in 80 cities in 1917-18.

Corresponding data for 1908 had not been ascertained. The smallest percentage of over-age pupils is found in the first grade, and the highest percentage in the fifth grade, where over 30 per cent of the pupils are retarded. In the seventh and eighth grades the percentages decrease rapidly. This decided drop is undoubtedly due to the decreasing effectiveness of compulsory attendance laws at the ages of 13 and 14. Where extraneous factors do not operate decreases or increases are quite regular. In high school, for instance, the decreasing percentage of over-age pupils is strikingly constant. The curves representing the under-age pupils takes almost a straight course, varying only slightly and always in an opposite direction to the course taken by the curve representing over-age pupils. In

other words, as one curve rises the other falls and vice versa. Under-agedness seems to accumulate with each grade above the fourth, each successive grade contributing its quota to the accelerated groups. The fact that the curves cross at the first and eighth grades indicates that the age-grade groups previously chosen are the most typical of the age-grade distribution. To have chosen the ages 5 and 6 as normal for the first grade would have increased materially the percentage of over-age pupils and decreased almost to zero the percentage of under-age pupils. To have chosen the ages 7 and 8 as normal for this grade would have had the opposite effect of increasing the percentage of under-age pupils and decreasing the percentage of over-age pupils. Similar conditions would have prevailed in the other grades if corresponding disturbances in the grade groups had been made.

TABLE 14.—Distribution of 80 cities according to the percentage of pupils under age in their respective grades, 1918.

Percentages.	Elementary school grades.								High-school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Less than 2.....	22	12	5	3	2	2	3	4	2	4	3	3
2-3.....	4	7	10	8	8	8	6	6	5	7	4	2
4-5.....	8	9	6	10	7	4	5	6	6	4	4	6
6-7.....	3	4	7	7	8	7	5	5	4	6	4	5
8-9.....	4	6	7	8	8	7	9	3	5	3	6	6
10-11.....	1	7	9	11	8	11	12	4	5	3	2	8
12-13.....	4	4	8	10	7	7	8	11	3	3	2	2
14-15.....	8	6	6	7	3	9	5	3	3	8	7	5
16-17.....	6	6	6	4	14	5	10	11	5	5	5	5
18-19.....	4	3	2	3	4	7	3	4	9	6	2	4
20-21.....	4	2	1	1	2	4	2	3	6	5	3	4
22-23.....	4	4	3	1	4	1	6	4	4	3	5	5
24-25.....	2	1	4	1	2	3	3	5	6	2	6	1
26-27.....	2	1	2	4	1	1	1	3	3	3	2	1
28-29.....	2	2	2	3	1	1	1	4	2	3	4	4
30-31.....	2	1	1	1	1	1	1	1	1	1	3	4
32-33.....	1	1	1	1	1	1	1	1	1	4	3	6
34-35.....	1	1	1	1	1	1	1	1	5	1	3	6
36-37.....	1	1	1	1	1	1	1	1	2	2	4	2
38-39.....	2	2	2	2	2	2	2	2	1	1	3	2
40-41.....	2	2	2	2	2	2	2	2	1	1	2	4
42-43.....	1	1	1	1	1	1	1	1	2	2	1	1
44-45.....	1	1	1	1	1	1	1	1	3	2	2	2
46-47.....	1	1	1	1	1	1	1	1	1	1	3	1
48-49.....	1	1	1	1	1	1	1	1	1	1	1	1
50-51.....	1	1	1	1	1	1	1	1	1	2	1	1
52-53.....	1	1	1	1	1	1	1	1	1	1	1	1
54-55.....	1	1	1	1	1	1	1	1	1	1	1	1
56-57.....	1	1	1	1	1	1	1	1	1	1	1	1
58-59.....	1	1	1	1	1	1	1	1	1	1	1	1
60-61.....	1	1	1	1	1	1	1	1	1	1	1	1
62-63.....	1	1	1	1	1	1	1	1	1	1	1	1
64-65.....	1	1	1	1	1	1	1	1	1	1	1	1
66-67.....	1	1	1	1	1	1	1	1	1	1	1	1
68-69.....	1	1	1	1	1	1	1	1	1	1	1	1
70-71.....	1	1	1	1	1	1	1	1	1	1	1	1
72-73.....	1	1	1	1	1	1	1	1	1	1	1	1
74-75.....	1	1	1	1	1	1	1	1	1	1	1	1
76-77.....	1	1	1	1	1	1	1	1	1	1	1	1
78-79.....	1	1	1	1	1	1	1	1	1	1	1	1
80-81.....	1	1	1	1	1	1	1	1	1	1	1	1
Median.....	9.2	10.1	11.6	10.3	11.5	12.4	12.0	14.2	18.7	18.2	21.4	21.1

TABLE 15.—Distribution of cities of 25,000 population and over according to the percentage of pupils under age in their respective grades, 1918.—GROUP A.

Percentages:	Elementary school grades.								High-school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Less than 2.....	12	6	5	2	2	2	1	1	2	1	1	1
2-3.....	3	4	5	5	6	4	5	5	3	2	2	3
4-5.....	5	4	3	5	3	2	2	2	5	4	2	3
6-7.....	2	3	4	5	4	4	2	2	1	2	2	1
8-9.....	2	5	5	4	6	2	5	1	2	2	2	3
10-11.....	3	3	3	5	5	7	8	2	3	1	2	3
12-13.....	3	3	4	5	3	4	3	9	1	2	2	1
14-15.....	5	3	3	5	3	6	2	7	2	4	2	1
16-17.....	4	3	6	2	7	3	3	7	4	4	2	3
18-19.....	3	3	1	3	2	3	2	1	4	4	3	2
20-21.....	2	1	2	1	1	3	2	2	2	1	3	2
22-23.....	1	2	2	1	1	1	2	2	2	1	3	2
24-25.....	1	1	1			1	1	1	2	2	1	1
26-27.....	1	1	1					2	1	3	4	4
28-29.....							1		1	2	1	1
30-31.....	1								2	2	1	5
32-33.....									1	1	2	5
34-35.....						1			1	2	2	3
36-37.....	1	1							1	1	1	2
40-41.....										2		
42-43.....	1								1			
45-47.....											3	
50-51.....									1	1		1
52-53.....									1			1
54-59.....											1	
64-65.....									1			
67-67.....										1	1	
72-73.....												1
74-75.....												1
Median.....	7.6	9.1	9.6	9.6	10.1	12.2	11.7	13.7	19.2	20.1	21.0	

TABLE 16.—Distribution of cities of less than 25,000 population according to the percentage of pupils under age in their respective grades, 1918.—GROUP B.

Percentages.	Elementary school grades.								High-school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Less than 2.....	10	6		1			2	3	2	2	2	2
2-3.....	2	3	5	3	2	4	1	1	2	1	1	2
4-5.....	3	5	3	5	4	2	3	4	1	3	2	3
6-7.....	1	1	3	2	4	3	3	3	3	4	3	3
8-9.....	2	1	2	4	2	5	4	2	5	3	4	1
10-11.....	1	4	6	6	3	4	4	2	2	2	2	
12-13.....	1	4	5	4	3	5	2	2	2	1	1	1
14-15.....	3	3	3	2	7	3	3	3	1	4	5	4
16-17.....	2	3	2	2	7	2	3	4	1	3	3	2
18-19.....	1	1	1	2	4	1	1	1	5	2	2	2
20-21.....	2	1	1	1	2	1	1	1	2	1	2	3
22-23.....	2	2	1	3	1	4	2	2	2	2	2	
24-25.....	1	1	4	1	2	2	2	2	2	2	4	
26-27.....	1	1	4	1	1	1	1	2	1	1	1	
28-29.....	2	2	3	1	1	1	1	1	1	1		
30-31.....	1	1	1			1		1	3	2		3
32-33.....	1	1	1							1	2	1
34-35.....	1			1	1			1	1	1	2	
36-37.....				1						1	2	4
38-39.....	2				1	1					2	1
40-41.....	2	2							2	2		2
42-43.....							1					
46-47.....	1							1	1	1		
48-49.....									1	1		
50-51.....										1		1
52-53.....											1	
54-55.....										1		
56-57.....								1		1		
58-59.....												1
60-61.....												
Median.....	12.3	11.1	12.3	11.3	15.0	12.7	13.3	14.7	17.1	16.9	17.1	18.6

TABLE 17.—Distribution of cities (80) according to the percentage of pupils over age in their respective grades, 1918.

Percentages.	Elementary school grades.								High-school years.				
	1	2	3	4	5	6	7	8	1	2	3	4	
Less than 2													
2-3	10	1	1						2	1	2	4	7
4-5	6	5	2						1	2	3	3	2
6-7	15	5	1	1					4	5	5	5	9
8-9	12	5	1	1					6	3	7	4	6
10-11	10	9	4						4	8	3	11	10
12-13	10	10	4	4	2				5	1	9	9	11
14-15	4	8	8	5	2				6	10	7	8	6
16-17	7	8	7	4	5				7	3	9	7	6
18-19		10	8	7	3				10	5	9	7	5
20-21	3	5	6	5	6				6	12	5	6	1
22-23	1	2	3	5	5				3	2	2	4	4
24-25		2	3	10	3				7	5	6	2	1
26-27	2	2	4	6	6				7	3	2	3	2
28-29		2	4	5	8				6	5	4	1	1
30-31		2	4	3	7				7	4	1	3	1
32-33		1	6	1	3				9	4	2	1	2
34-35		3	1	9	7				7	3	2	1	1
36-37		1	3	4	4				4	3	1	1	1
38-39			2	2	4				2	3	2		
40-41		1	1	3	4				2	1			
42-43				1	2					1			
44-45			1		1					1			
46-47					1				1	1			
48-49				2	1				1	1			
50-51				1								1	
52-53					1				1	1		1	
54-55												1	
56-57					1								
58-59						1							
60-61											1		1
Median	8.6	15.7	19.45	25.5	29.0	27.8	23.75	16.65	15.25	15.85	13.85	10.85	

TABLE 18.—Distribution of cities of 25,000 population and over according to the percentage of pupils over age in their respective grades, 1918—GROUP A.

Percentages.	Elementary school grades.								High-school years.				
	1	2	3	4	5	6	7	8	1	2	3	4	
Less than 2													
2-3	3	1	1							1	1	1	3
4-5	4	3	1							3	3	3	5
6-7	9	1								3	4	3	3
8-9	4	1		1				2		3	1	5	8
10-11	5	5	1		1			1		4	5	5	5
12-13	7	5	5		2			1		4	8	4	2
14-15	3	2	3		1			2		6	2	4	3
16-17	4	5	3	3	3			1		5	2	4	2
18-19		7	4	3	3			1		4	4	4	3
20-21	2	4	3	2	4			4		5	4	1	3
22-23		1	3	2	2			3		3	3	4	1
24-25		1	2	2	2			3		4	1	2	1
26-27	1	1	4	2	3			2		2	3	1	1
28-29		2	3	4	4			3		3		2	2
30-31			2	3	5			3		1	1	1	1
32-33		1	4	1	2			4		1	1	1	2
34-35		1	7	4	4			1		1	3		1
36-37			5	1	2			2		1	1		1
38-39			1	1	2			2		1			1
40-41		1	1	3	4								
42-43				1	2			1					
44-45			1		1			1					
46-47				1	1			1					
48-49				1	1								
50-51								1					
52-53					1								
Median	10.3	16.8	22.7	28.9	31.0	29.2	23.9	18.9	13.6	15.9	14.1	10.4	



TABLE 19.—Distribution of cities of less than 25,000 population according to the percentage of pupils over age in their respective grades, 1918—GROUP B.

Percentages.	Elementary school grades.								High-school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Less than 2.....								2	1	2	3	4
2-3.....	7							1	1	2		1
4-5.....	2	2	1	1				4	2	2	2	4
6-7.....	6	4	1	1	1			2	2	3	1	3
8-9.....	8	4	1	1	1	1		2	5	2	2	3
10-11.....	5	4	3		1	4		1	1	5	4	5
12-13.....	3	3	5	4	3	3		1	1	2	3	3
14-15.....	1	6	5	3	2	3		1	4	1	2	3
16-17.....	3	3	4	1	2	3		2	1	5	4	3
18-19.....		3	4	4	3			6	2	4	3	2
20-21.....	1	1	3	3	2	1		3	7	2	2	1
22-23.....	1	1	2	3	3	2		2	2	2	2	8
24-25.....		1	1	6	2	4		1	2	1	1	1
26-27.....	1	1		4	3	4		5	1	1		
28-29.....			1	1	4	3		1	1	1		
30-31.....		2	2		2	2		1	1	2	2	1
32-33.....			2		1	5		4	3	2	1	1
34-35.....		2	1	2	3	3		2		1		
36-37.....		1	1	3	2	1		1			1	
38-39.....			1	1	2	1		1				
40-41.....												
42-43.....										1		
44-45.....												
46-47.....				1				1				
48-49.....												
50-51.....						1						1
52-53.....								1	1			1
54-55.....												
56-57.....					1							
58-59.....						1				1		
60-61.....										1		1
Median.....	8.45	14.75	17.65	22.15	25.0	26.7	22.05	19.3	17.0	15.75	13.45	11.2

The median percentages of over-age and under-age pupils for each group of cities and for both groups combined are exhibited in figure 17. There is a greater percentage of over-age pupils in the cities of group A than in the smaller cities of group B in all grades except the eighth and the first-year high school. In the larger cities some force seems to operate to draw the over-age pupils in these two grades out of school. Economic conditions are perhaps responsible for this exodus. The larger cities seem to have, or at any rate to succeed in keeping in school until they have reached the sixth or seventh grade, a larger percentage of children who are over age than do the smaller cities. It is impossible to determine from these considerations whether the curricula of the larger cities are more unsuited to the boys and girls than those offered by smaller cities, whether their compulsory attendance laws are more rigidly enforced, or whether the factor of immigration is responsible for the excessive number of over-age children in the lower elementary grades.

On the other hand, the smaller cities have comparatively large percentages of under-age children in the elementary grades and relatively small percentages of under-age children in the high-school grades. A reliable diagnosis of this condition is difficult to make. Semiannual promotions, so characteristic of large city school systems,

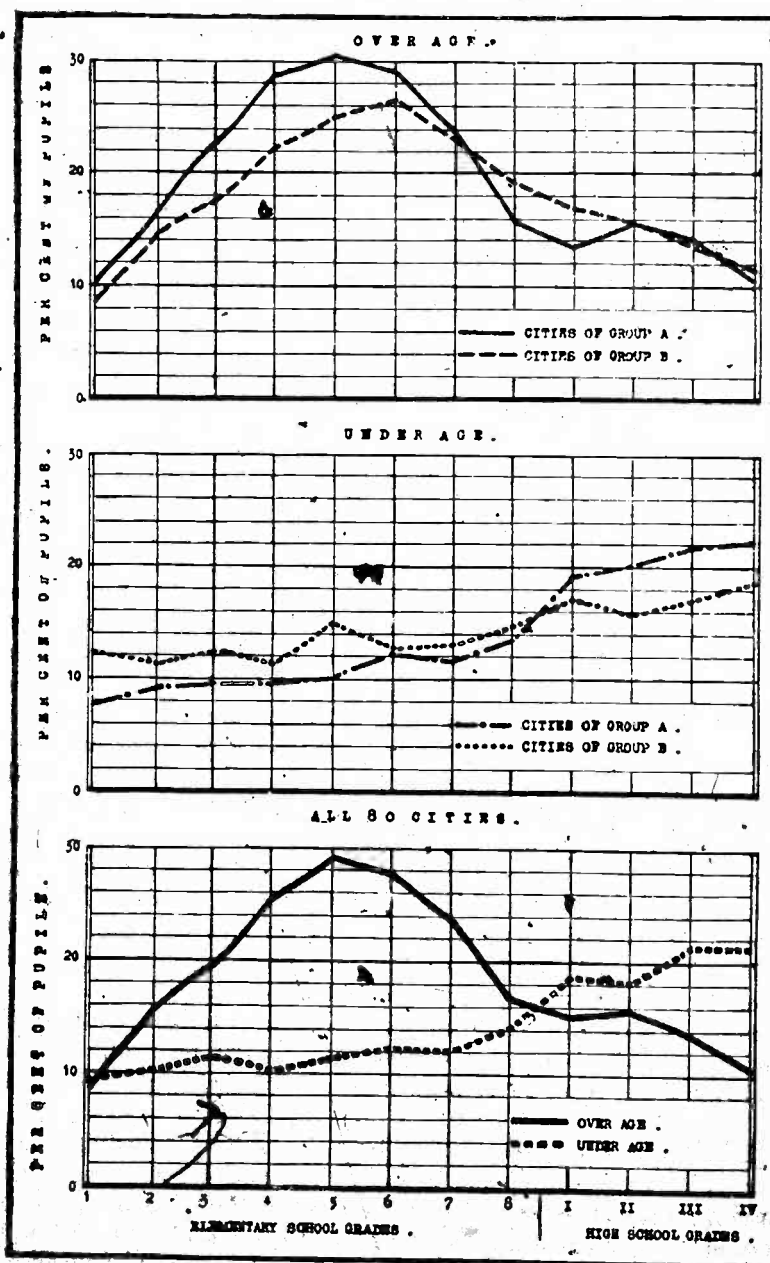


FIG. 17.—Median percentages of pupils over age and under age in each grade in 80 cities, 1917-18.

may encourage rapid advancement from grade to grade and unduly increase the proportion of under-age children. The rapid rise in the curve representing the larger cities from the fifth grade to the first year of high school suggests the plausibility of this explanation. At any rate a more flexible program of studies permitting precocious children to go forward more rapidly than usual seems to characterize the larger city school systems in grades above the fourth or fifth. In the lower grades the smaller cities have relatively larger percentages of under-age pupils. This fact must indicate that pupils start to school earlier in the smaller than in the larger cities.

The third part of figure 17 is somewhat similar to diagram 16. It represents medians, however, and therefore city school practices regardless of school enrollment, while the curves in figure 16 represent average pupil conditions. The curves representing medians are more irregular in outline than those representing arithmetical averages.

In figure 18 the 80 cities studied have been distributed according to the percentage of under-age pupils in each grade. In the first and second grades the largest group of cities has less than 4 per cent of under-age pupils. In the third and fourth grades the most characteristic percentage falls in the group 8 to 11. In the fifth and eighth grades the most frequent percentages are found in the group 16 to 19. In the sixth and seventh grades the most usual percentages vary from 8 to 11. In high schools no well defined central tendencies or modes are evident. There seems to be, therefore, little uniformity among cities as to the percentage of under-age pupils in each year of high school. One general tendency for all grades is vaguely distinguishable, in that the higher the grade the higher the percentage of under-age pupils. This tendency results from the fact that more pupils join the accelerated group each year than go from this under-age group to the normal-age or over-age groups. In other words, acceleration accumulates. This condition exists because the flexibility of the course of study permits unusually bright children to advance at a supernormal rate from grade to grade. The fact that acceleration percentages increase from grade to grade suggests that earlier entrance at school may not be wholly responsible for the increase in the percentage of under-age pupils from 1908 to 1918.

In figure 19 the 80 cities have been distributed according to the percentage of over-age pupils in each. The greatest number of cities have from 8 to 11 per cent of over-age pupils in the first grade. In the second grade the mode falls at 16 to 19. In the third grade the mode has receded to the 12-15 group; in the fourth grade it has advanced to the 24-27 percentage group; while in the fifth grade the mode is

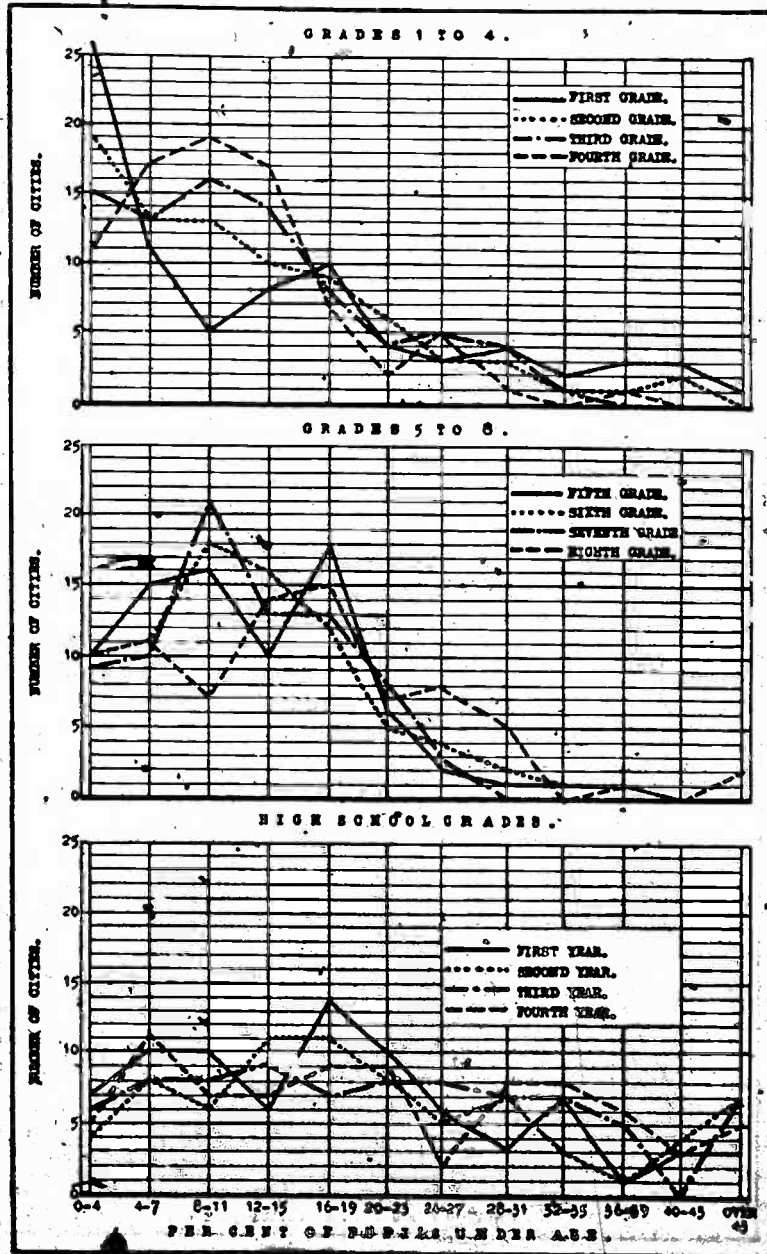


FIG. 18.—Distribution of 80 cities according to the percentage of pupils under age in each grade, 1917-18.

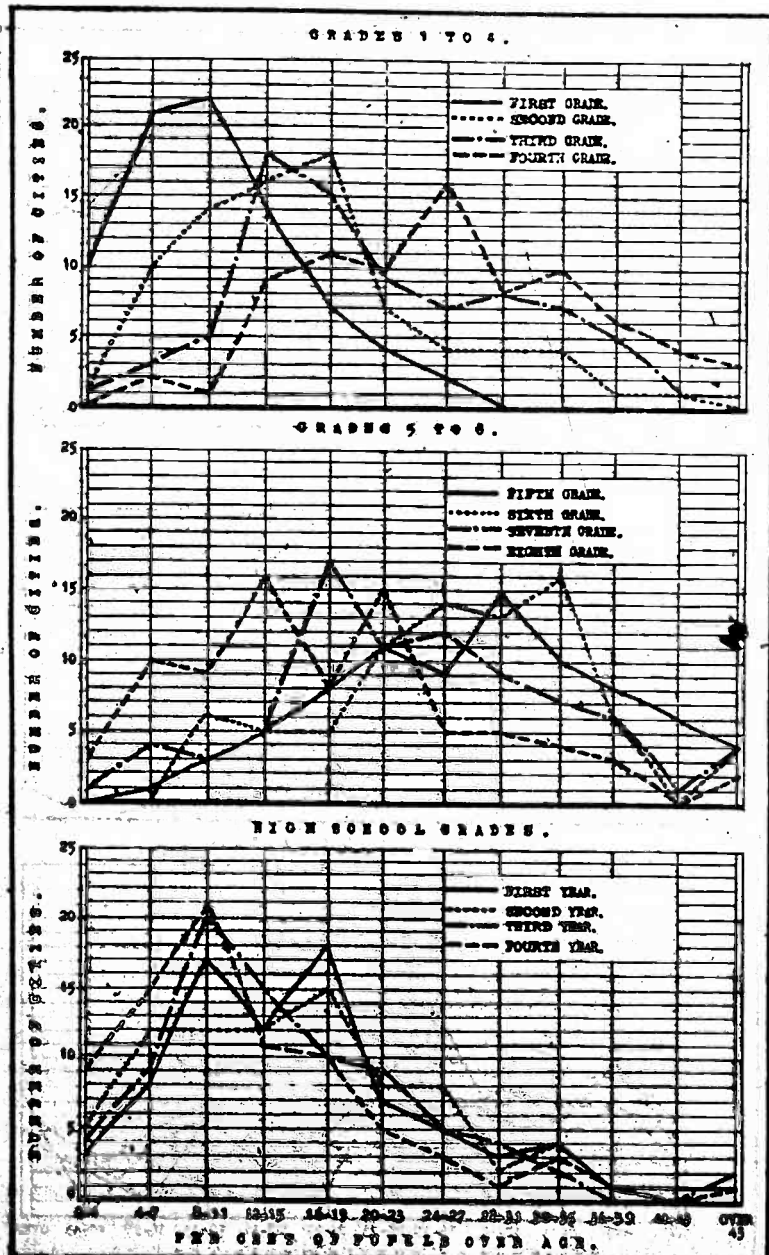


FIG. 28.—Distribution of 89 cities according to the percentage of pupils over age for each grade, 1917-18.

at 28-31; and in the sixth grade at 32-35. Beyond this grade the mode recedes, falling at 16-19 in the seventh grade and at 12-15 in the eighth grade. In the high school the mode is located in the 16-19 group for both the first and second years, and in the 8-11 group for the third and fourth years. The "procession" of modes in this diagram is more or less analogous to the "over-age" curve shown in figure 16. The apex of the curve in figure 16 falls in the fifth grade, while in figure 19 the sixth grade had the mode of greatest magnitude. This modal practice characteristic of the sixth grade implies that the largest group of cities hold their pupils through the sixth grade regardless of the proportion of over-age children. In figure 30 it is shown that more children are found in the sixth grade than began five years before.

TABLE 20.—Frequency of the ratios between the number of boys and of girls found in the first grade and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Percent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80).				
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	
50-59													
60-69					1			1	1			1	1
70-79										1			
80-89				1	2	2	1	2	2	2	1	1	3
90-99		1		1	1	1	2	3	1	2	2	2	4
100-109		4	2	2	3	3	7	4	1	3	7	9	6
110-119		5	6	7	9	7	2	7	3	9	4	4	15
120-129	5	6	7	9	2	6	4	8	7	11	11	17	17
130-139	7	6	8	6	7	6	2	5	16	8	10	11	11
140-149	7	13	7	7	3	4	4	3	10	17	11	10	10
150-159	6	3	5	5	5	8	5	1	11	6	10	6	2
160-169	4	1	3	1	2	9	1	1	1	6	3	4	2
170-179	5	3	2	2	3	4	2	2	6	3	4	4	2
180-189	4	3	3	2	2	2	1	1	6	5	5	4	2
190-199	1				4	1	1	1	5	5	4	3	2
200-209	1		1		1	1	2		2	1	1		
210-219					1			1	1				
220-229					1				1				1
230-239	1								1				
240-249			1			1				1	1	1	
250-259									1				
260-269													
270-279			1									1	
Median	153	141	143	132	151	127	135	123	153	138	140	135	

It is important to know how many children survive to the different grades. To ascertain exact data for each of the 80 cities for the two dates 1908 and 1918 would have been an onerous task. No single number can accurately represent the number of beginning children in 12 successive classes. Approximate results, however, can be obtained by dividing the total enrollment in each grade by the largest age group. This is a convenient means of ascertaining fairly comparable percentages for the different cities, although it is generally understood that the divisor chosen is too large for most of the

grade groups, especially for the high-school grades. To have used an average of the largest age groups would have distributed the inaccuracies over a wider range, reducing the major errors in the upper grades, but increasing minor errors in the lower grades.

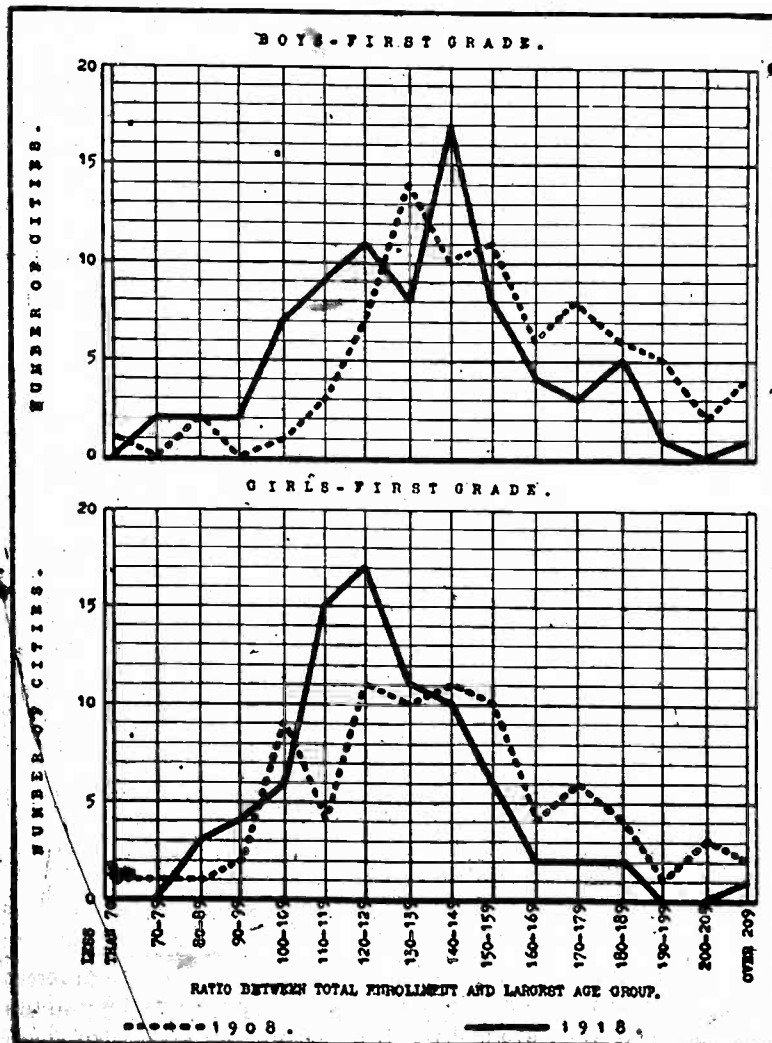


FIG. 20.—Distribution of 80 cities according to the ratio between the total enrollment and the largest age group in the first grade in 1908 and 1918.

In figure 20 the percentage relationship between the largest age group and the enrollment in the first grade usually exceeds 100. If this ratio is found to be 150, it means that there are 50 per cent more children in the first grade than actually begin. In other words one-

third of the children in this grade would be "repeaters." In a few cities this ratio exceeds 200 indicating that half the pupils in this grade are "repeaters." For boys in 1908 the modal ratio on this score was 130-139, but in 1918 it had increased to 140-149. For girls the modal ratio in 1918 fell in the group 120-129. For 1908 the corresponding ratio was not well defined but probably was best typified by the percentage group 140-149. On the whole the black curves in figure 20 fall to the left of the respective dotted curves, indicating a slight reduction in the percentages of pupils repeating the first-grade work. The change, however, is not marked, showing that school systems have not completely solved the first-grade accumulation problem.

TABLE 21.—Frequency of the ratios between the number of boys and of girls found in the second grade and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Percent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
65-69						1					1	
70-74						2					2	
75-79	1				1		1			2		1
80-84				1		1	1			1		2
85-89				2		3	3			3		6
90-94	1	2	4	2	3	5	3		4	8	1	5
95-99		3	4	4	1	2	4		1	8	8	5
100-104	2	3	1	9	4	3	4		5	6	6	14
105-109	2	6	4	6	5	9	6	10	7	15	10	18
110-114	4	6	6	8	3	4	3		7	10	9	13
115-119	4	8	9	3	4	2	6		9	11	15	3
120-124	10	5	9	6	4	1	2		14	6	11	7
125-129	8	3	2	1	2	2	2		10	5	4	1
130-134	2	1	1		1	1	2		3	2	3	
135-139	4		2		2		1		6		3	
140-144	2				2				4			
145-149					1				1	1		
150-154	1	1			1				2	1		
155-159					1				1			
160-164					1				1			
165-169					2				3			
170-174							1					
175-179											1	
Median	123	112	116	108	117	105	109	103	121	108	111	106



TABLE 22.—Frequency of the ratios between the number of boys and of girls found in the third grade and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Per cent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
	55-59						1		1			1
65-69												1
70-74					1			1				1
75-79	1			1	1			1		2		1
80-84					1	2		3		1		3
85-89	1			2	1	5	4	4	2	5	5	6
90-94		3	2	2	1	3	3	4	1	6	9	7
95-99	3	4	7	7	3	5	5	5	6	13	6	11
100-104	2	8	6	6	4	7	8	5	8	14	9	13
105-109	1	6	4	3	3	3	5	2	10	12	19	8
110-114	7	6	11	6	3	6	5	2	10	12	19	8
115-119	4	9	4	5	7	2	2	3	11	11	5	8
120-124	14	4	3	3	2	2	5	1	16	1	9	4
125-129	4	2	3	1	2				3	2	3	1
130-134	4		3		1				5	1	3	1
135-139	3		1		3				6		2	
140-144											1	
145-149	1								1		1	
150-154					1							
170-174					1				1			
Median	120	110	115	106	114	104	106	97	116	106	112	102

TABLE 23.—Frequency of the ratios between the number of boys and of girls found in the fourth grade and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Per cent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
	50-54					1					1	
60-64									1			1
65-69	1		1						1			2
70-74												3
75-79	1	1				1	3	3	1	2	3	3
80-84					2	7	4	3	3	7	4	3
85-89	2		1	4		5	3	3	2	6	1	7
90-94		5	2	3	2	1	7	4	2	6	9	7
95-99		4	4	6	6	4	6	9	6	8	10	15
100-104	5	6	4	7	6	4	6	8	11	10	10	10
105-109	3	4	5	6	6	6	3	3	9	10	8	9
110-114	8	7	10	4	4	5	1	5	12	12	11	9
115-119	10	5	5	7	1	2	4	1	11	7	9	8
120-124	5	6	6	4	7	1	2		12	7	8	4
125-129	3	2	2	1	2			1	5	2	2	2
130-134	2	1	1			1			2	2	1	
135-139	1				1				2			
140-144			1								1	
145-149							1				1	
Median	114	109	110	105	106	100	96	96	112	104	105	101

In the second, third, and fourth grades the curves for 1918 fall to the left of those for 1908, indicating a general reduction in the percentage of repeating pupils in these grades. This condition does not

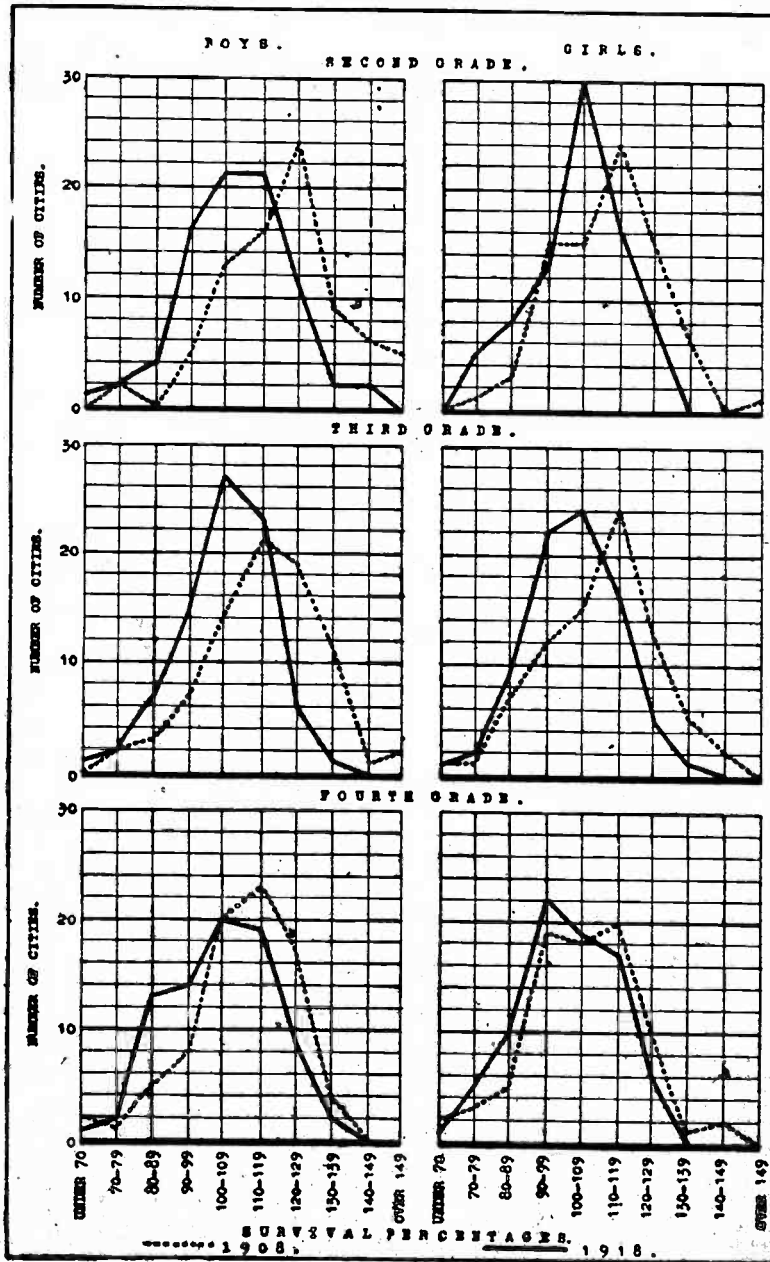


FIG. 21.—Distribution of 80 cities according to the percentage of children for each 100 beginners, surviving to the second, third, and fourth grades in 1908 and 1918.

imply that more children are now dropping out of school than did 10 years ago, but that fewer children are now repeating the work of these grades than did in 1908. In other words, the retardation percentages are being reduced. This statement is true for both boys and girls as shown in the figure.

TABLE 24.—Frequency of the ratios between the number of boys and of girls found in the fifth grade and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Percent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
50-54					1		1		1		1	
55-59					1				1			
60-64						2	2	1		2	2	1
65-69						1	1	3	1	3	1	3
70-74	2				1	1	3	1	3	1	3	1
75-79	1	1	3	1	2	2	3	1	3	3	6	2
80-84	3	2	2	3	6	3	3	5	9	5	5	8
85-89	2	2	6	6	3	9	1	7	5	11	6	13
90-94	4	8	8	4	1	2	8	9	5	10	10	13
95-99	4	8	5	4	5	6	8	3	9	14	13	9
100-104	12	2	7	9	3	4	5	4	15	6	12	13
105-109	5	8	6	6	3	2	2	2	13	12	7	8
110-114	4	4	3	3	3	2		2	7	6	5	6
115-119	2	1	1	1	3	2		2	5	6	2	3
120-124	2	1	1	2		1			2	2	1	2
125-129	1	1							1	1		
130-134								1		1		1
140-144					1		1		1		1	
Median	102	101	97	100	98	94	94	91	102	98	95	96

TABLE 25.—Frequency of the ratios between the number of boys and of girls found in the sixth grade and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Percent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
35-39	1								1			
40-44	1						1		1		1	
45-49			1		2				2		1	
50-54			1								1	
55-59			2		2		2	1	2		3	1
60-64	2		2		1	2		1	3	2	2	1
65-69	6		1		2	2	5	1	8	2	6	
70-74	3	2	2	5	2	6	2	3	5	8	4	8
75-79	4	5	7	3	6	4	3	3	10	9	10	6
80-84	7	4	3	5	6	4	3	8	13	8	6	13
85-89	3	10	2	9	5	7	3	6	8	17	6	15
90-94	4	11	10	3	4	2	4	7	8	13	14	11
95-99	7	3	4	5	3	3	5	2	10	6	11	12
100-104	2	3	6	5	1	3	5	2	3	6	11	7
105-109	1	1	1	1	1	3	1	1	1	4	2	2
110-114		2			3	2			3	4	1	
115-119	1	1		3	1				2	1	1	2
120-124			1				1			1	1	1
125-129						1				1		
Median	84	90	90	89	83	83	90	87	83	87	90	88

TABLE 26.—Frequency of the ratios between the number of boys and of girls found in the seventh grade and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Per cent. of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
20-24					1				1			
25-29	2		1		3		1	1	5		2	1
30-34	1	1	1		1				2	1	2	
35-39	4	1	1		5		1		9	2	4	
40-44	4	3	5	2	6	1	2	2	4	9	7	2
45-49	3	3	3	1	3	6		4	6	9	3	5
50-54	6	3	2	2	5	5	5		11	8	7	2
55-59	3	2	3	7	8	1	4	3	14	3	7	10
60-64	6	7	9	8	3	6	7	6	13	14	12	
65-69	3	6	9	6	3	5	6	6	8	11	15	11
70-74	4	7	3	9	3	3	3	4	7	10	6	13
75-79	2	5	2	2	2	2	2	4	7	7	2	8
80-84	1	1	3	2	2	2	2	6	2	2	4	4
85-89	2	1	2	2	1	1	2	2	3	4	3	6
90-94		2	1	4		2	2		2	2	2	2
95-99			1	2					4	4	3	6
100-104			1								2	2
105-109	2						1		2		1	1
110-114							1				1	1
115-119								1				
120-124		1								1		
Median	60	76	72	78	66	60	73	77	66	73	72	77

In figure 22 it is found that in the fifth grade the modal proportion of retarded boys has been reduced, while that for girls has remained practically unchanged within this 10-year period. In the sixth grade the proportions of boys surviving in 1908 and 1918 are practically the same, while the modal survival percentage for girls in 1918 is less than that for 1908. In the seventh grade the survival percentages for boys and girls have increased slightly, although the mode for girls is the same for both periods compared.

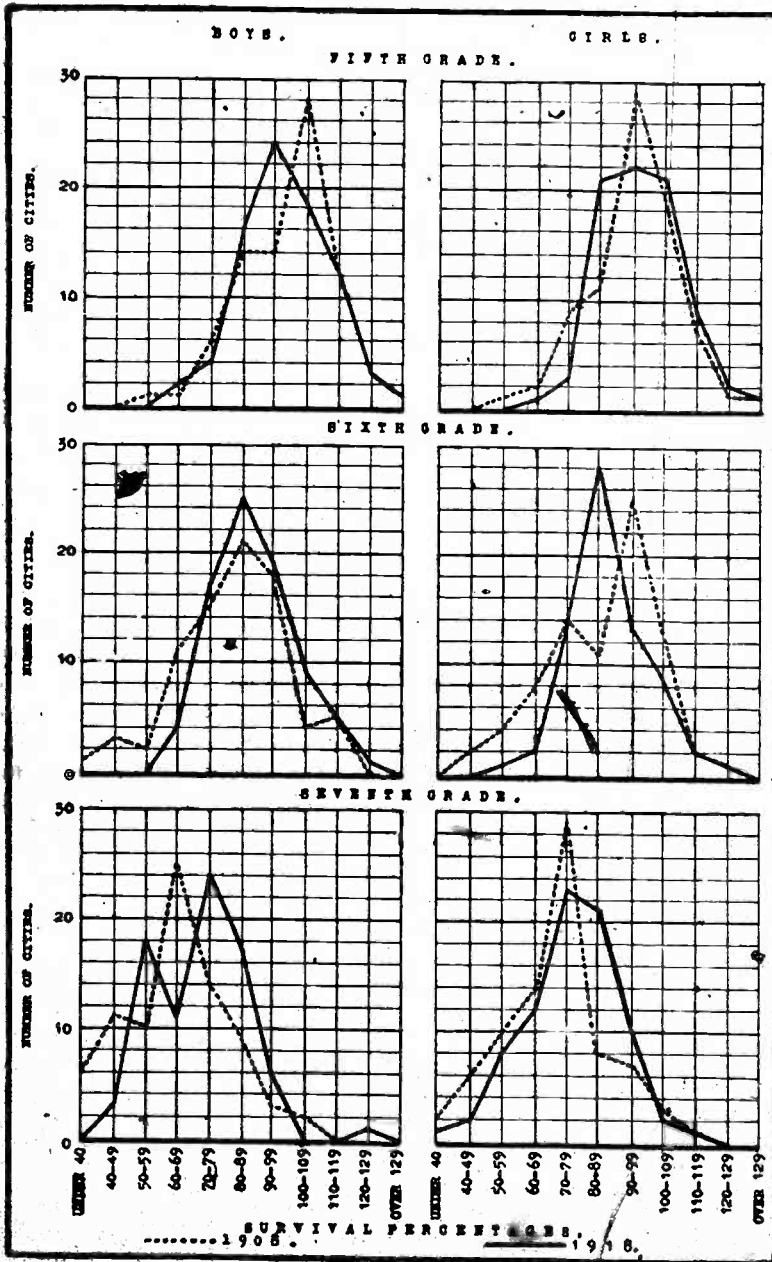


FIG. 22.—Distribution of 80 cities according to the percentages of children, for each 100 beginners, surviving to the fifth, sixth, and seventh grades in 1908 and 1918.

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

TABLE 27.—Frequency of the ratios between the number of boys and of girls found in the eighth grade and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Per cent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80). <sup>1</sup>			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
10-14					1		1			1		1
15-19					1					1		
20-24												
25-29							1					1
30-34	3		1		1				4		1	
35-39	5	1	2	1	1	3	3	1	6	4	5	2
40-44	3	3	6	2	4	6	1	1	7	9	7	3
45-49	6	3	1	2	7	2	2	6	13	5	3	4
50-54	4	5	4	4	6	3	2	3	10	9	6	7
55-59	7	5	6	5	2	2	8	2	9	7	9	7
60-64	5	9	3	3	4	6	2	2	5	13	7	7
65-69	1	6	5	7	4	5	3	4	5	11	8	9
70-74	4	2	4	4	6	6	9	5	19	8	16	10
75-79	1	4	1	3	1	4	1	4	2	6	5	9
80-84	1	2	4	1	2	2	2	4	2	5	3	10
85-89			1	1	1	1	1	2	2	1	1	2
90-94	1							2	1	1	1	3
95-99								1				1
100-104				1			1				1	2
105-109						1				1		
110-114							1				1	
Median	49	57	55	63	47	58	59	64	47	57	58	63

<sup>1</sup> Decatur, Ill., and McAlester, Okla., did not report an eighth grade in 1908.

TABLE 28.—Frequency of the ratios between the number of boys and of girls found in the first-year high school and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Per cent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
10-14	2				1				3			
15-19	3	2	5	1	1			1	4	2	5	2
20-24	6	3	2	2	2	1	2		8	4	4	2
25-29	4	1	2	3	4	2	1	1	8	3	3	4
30-34	3	4	4	3	4	2	5	2	7	6	9	5
35-39	5	7	4	1	6	1	4	1	11	8	8	2
40-44	6	5	4	3	7	1	1	1	13	6	5	4
45-49	7	5	8	3	7	1	1	1	13	6	5	4
50-54	2	3	7	4	5	3	6	3	12	8	14	7
55-59	3	1	3	1	1	3	8	5	5	5	5	7
60-64	1	7	1	2	1	5	4	2	4	8	7	3
65-69	1	2	4	5	1	8	2	3	15	3	3	5
70-74			2	3		2	2	9	7	7	6	14
75-79	1			3		2	1	4	2	2	2	7
80-84				1		1	1	4	1	2	1	6
85-89		2				1	2	1	1	1	1	2
90-94				2					3			
95-99		1					2					4
100-104					1					2		2
105-109				1					1			
110-114				1								2
Median	36	43	45	51	40	62	50	67	39	43	46	63

TABLE 29.—Frequency of the ratios between the number of boys and of girls found in the second year high school and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Percent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
5-9	2		1	1	2			1	4		1	2
10-14	8	3	4	1	2	1	3	1	10	4	7	1
15-19	7	5	6	1	5	2	3	1	12	7	9	2
20-24	8	5	7	7	7	4	3	4	15	9	10	11
25-29	9	9	6	4	10	4	2	3	19	13	8	7
30-34	5	8	9	4	3	4	11	1	8	12	20	5
35-39	1	6	2	8	5	13	5	4	6	19	8	13
40-44	1	3	4	5	3	5	6	4	4	8	10	9
45-49	1		1	1	1	3	2	3	2	3	3	4
50-54		2	1	4		1		6		3	1	10
55-59				4		1		3		1		7
60-64		1		1			3	3		1		4
65-69								3				3
70-74				1								1
80-84								1				1
Median	22	29	29	36	25	37	34	45	24	34	31	27

In the eighth grade and in the first and second years of high school for both boys and girls, the survival percentages have increased since 1908. The increase for boys has been most marked, while that for girls in the eighth grade and second-year high school has not been so pronounced, especially from the standpoint of a shift in the modes.

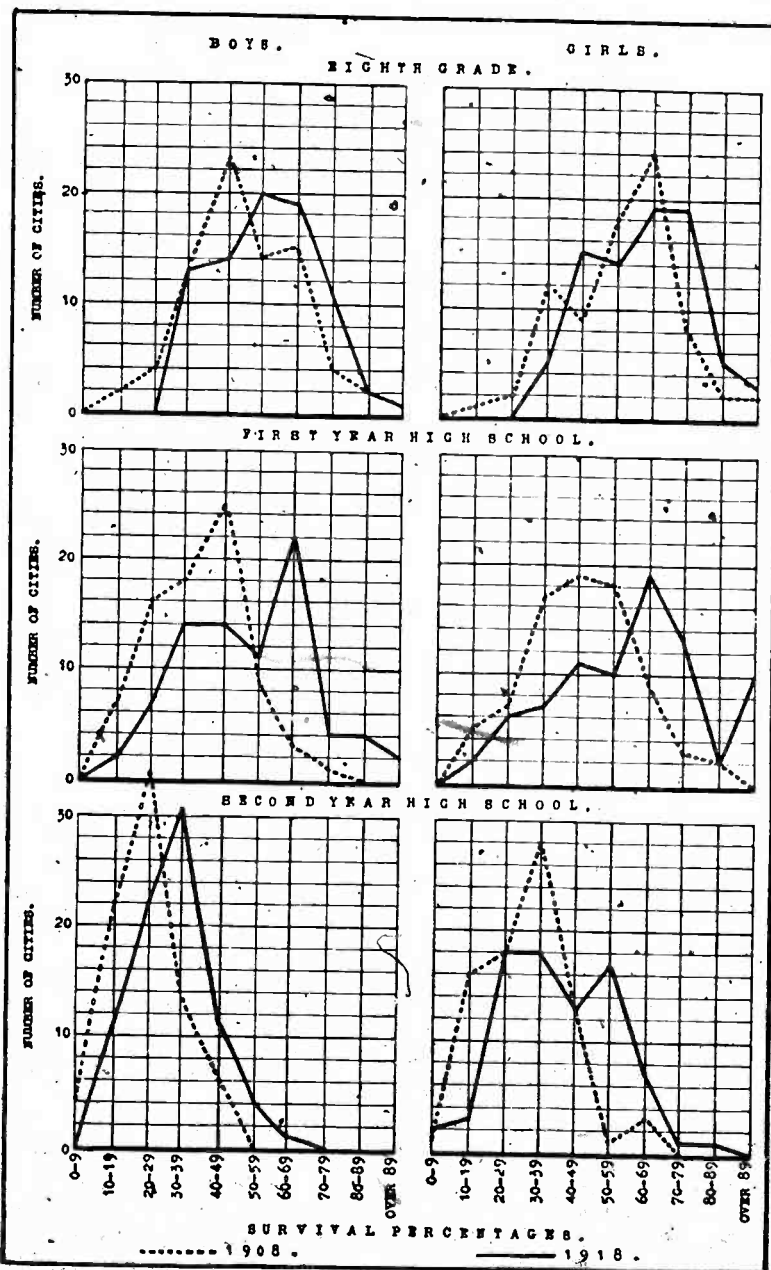


FIG. 23.—Distribution of 80 cities according to the percentages of children, for each 100 beginners, surviving to the eighth grade and to the first and second years of high school in 1908 and 1918.

59873° 21—18



TABLE 30.—Frequency of the ratios between the number of boys and of girls found in the third year high school and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

Percent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000.				All cities (80).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
2-3			1		2		1		3		1	
4-5	1										1	2
6-7	3	1	2		3				6	1		
8-9	2		3	1	1	1	2		3	1	5	1
10-11	8	5	3	2	2	1		1	10	6	3	3
12-13	3	4	4	1	4	2	5	1	7	4	9	2
14-15	8	4	3	2	6	2		1	14	6	3	3
16-17	5	4	3	6	3	3	4		8	7	7	6
18-19	6	4	6		3	1	5		9	5	11	
20-21	1	3	1	3	3	4		1	4	7	4	8
22-23			2	7	4	4	3	7	4	4	5	7
24-25	2	5	5	3	1	1	4	4	3	6	9	7
26-27	1	4	3	1	1	5	1	6	2	7	2	3
28-29		2	2	2		5		1	3	3	5	3
30-31	1	2	2		2	1	3	3	3	1	2	2
32-33			1	4		2	2		2	1	1	5
34-35				2		1				2	1	4
36-37			1	3		1				2	4	5
38-39		3		2						1	1	6
40-41		1		2			1	4		1	1	1
42-43				1			2				2	1
44-45						2		1		2		1
46-47	1						1		1		1	2
48-49								2				2
50-51			1	1				3			1	4
52-53								1				1
54-55												
56-57								1				
58-59												
60-61												
62-63												
64-65												
66-67												
68-69												
70-71												
72-73												
74-75												
76-77												
78-79												
Median	15	19	18	23	16	26	23	32	15	23	19	27

TABLE 31.—Frequency of the ratios between the number of boys and of girls in the fourth year high school and the number of boys and of girls in the largest age group in 80<sup>1</sup> cities in 1908 and 1918.

Percent of largest age group of same sex.	Number of cities having a population of 25,000 and over.				Number of cities having a population less than 25,000. <sup>1</sup>				All cities (80)			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
2-3	3		1		2				5		1	
4-5	5	1	2		1		1		6		1	
6-7	7	3	1		4	2			8	5	2	2
8-9	4	5	7	2	7	3			15	8	9	3
10-11	5	2	1		4	3		1	8	5	6	6
12-13	5	5	4	4	3	3		2	9	8	6	5
14-15	5	10	4	4	2	3		2	11	13	6	7
16-17	1	4	4	3	1	9		2	13	6	6	5
18-19	3	3	6	3	3	3		4	6	11	4	4
20-21	1	3	3	1	1	5		4	3	7	4	4
22-23	1	4	4	5	3	2		2	4	6	4	4
24-25	1	1	1	1	3	4		3	5	6	4	4
26-27	1			3	3	3		3	5	1	4	4
28-29		1	1		1	1		3		2	2	2
30-31		2	1	3	2	2		2	2	3	3	5
32-33		1	1	3	1	2		2	4	2	3	3
34-35		1	1	3	1	1		1	2	3	4	4
36-37								4	1	1	4	2
38-39			2			1		2			2	2
40-41											1	2
42-43								2				2
44-45								1			1	1
46-47								1			1	1
48-49				1				2			2	2
52-53								1			1	1
56-57								1			1	1
58-59				1				1			1	1
Median	10	14	16	20	12	17	20	26	10	16	18	23

<sup>1</sup> Danbury, Conn., and Donora, Pa., did not report a fourth year in their high schools in 1908.

In the third year of high school, as exhibited in figure 24, the curves for 1918 have shown a decided shift to the right indicating that relatively larger percentages of children are now being kept in school than survived to this grade in 1908. For the last year of high school the modes are not distinct. The unbroken black curves, however, fall to the right of the dotted curves, clearly showing that larger percentages of both boys and girls are surviving to this grade than did 10 years ago.

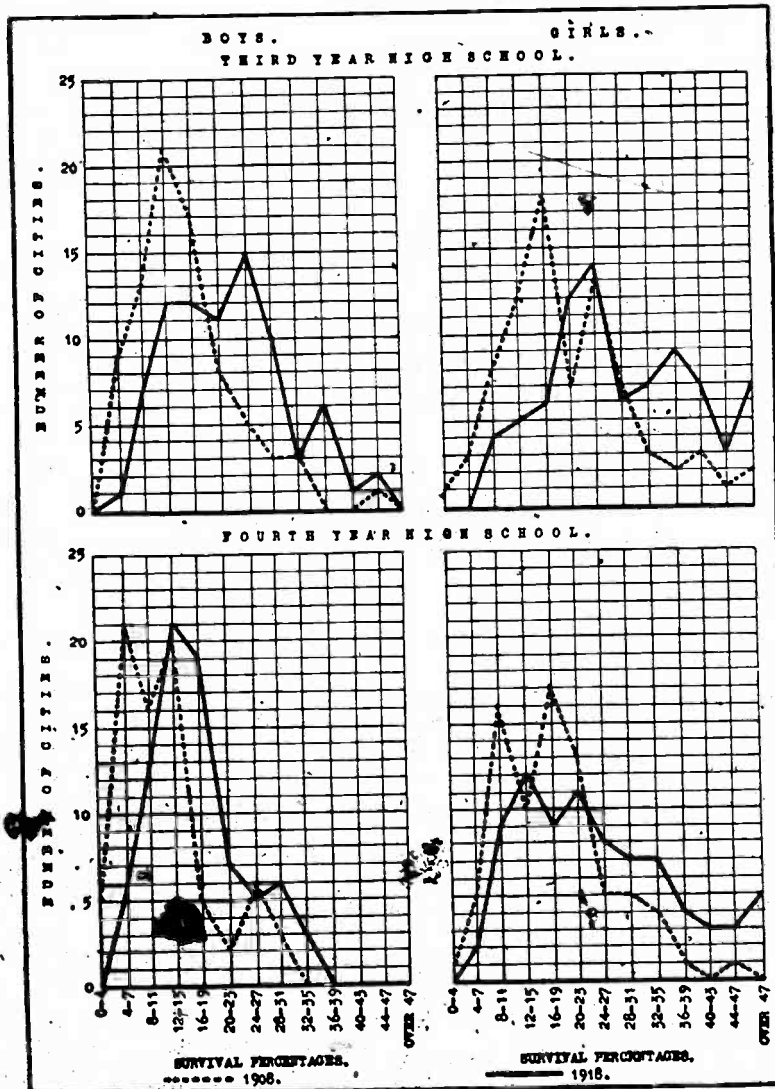


FIG. 24.—Distribution of 80 cities according to the number of pupils surviving, for each 100 beginners, in the third and fourth years of high school in 1908 and 1918.

TABLE 32. - Median and average ratios between the total number of boys and girls found in each grade and the average of the largest age groups in 80 cities in 1908 and 1918.

Groups.	Elementary schools.							High schools.				
	First grade.	Second grade.	Third grade.	Fourth grade.	Fifth grade.	Sixth grade.	Seventh grade.	Eighth grade.	First year.	Second year.	Third year.	Fourth year.
MEDIANS.												
(1) Group A cities:												
Boys 1908.....	152	123	120	114	102	84	66	49	36	22	15	10
Boys 1918.....	141	112	110	109	101	80	75	57	43	29	19	14
Girls 1908.....	143	116	113	110	97	80	72	35	45	29	18	16
Girls 1918.....	132	108	106	105	100	89	78	63	51	36	23	20
(2) Group B cities:												
Boys 1908.....	151	117	114	106	98	83	66	47	40	25	16	12
Boys 1918.....	127	105	104	100	94	85	69	58	62	37	26	17
Girls 1908.....	135	109	106	96	94	90	73	59	50	34	23	20
Girls 1918.....	123	103	97	96	91	87	77	64	67	45	32	26
(3) All 80 cities:												
Boys 1908.....	152	121	116	112	102	83	66	47	39	24	15	10
Boys 1918.....	138	108	106	104	98	87	73	57	43	34	23	16
Girls 1908.....	147	111	112	105	95	90	72	58	46	31	19	13
Girls 1918.....	125	106	102	101	96	88	77	63	63	39	27	23
Total 1908.....	146	116	114	109	99	87	69	53	43	28	17	14
Total 1918.....	132	107	104	103	97	88	75	60	53	37	25	20
AVERAGES (BASED ON LARGEST AGE GROUP).												
(1) Group A cities:												
Boys 1908.....	167	133	131	119	105	84	64	50	29	18	11	7
Boys 1918.....	157	117	115	114	104	97	73	57	42	25	16	12
Girls 1908.....	154	124	125	115	102	87	69	56	33	21	14	11
Girls 1918.....	146	112	113	111	104	92	77	64	48	31	19	16
Total 1908.....	160	128	128	117	104	85	66	53	31	19	13	9
Total 1918.....	151	115	114	113	104	92	75	60	45	28	18	14
(2) Group B cities:												
Boys 1908.....	170	134	125	119	107	92	73	56	45	29	19	14
Boys 1918.....	153	115	113	110	107	94	76	62	65	37	27	19
Girls 1908.....	154	123	119	111	102	96	83	64	54	37	27	21
Girls 1918.....	141	110	110	111	107	95	84	69	75	47	37	30
Total 1908.....	164	130	123	116	105	95	79	61	50	33	23	17
Total 1918.....	147	113	112	110	107	95	80	65	70	42	32	25
(3) All 80 cities:												
Boys 1908.....	168	133	130	119	105	85	65	52	30	19	12	7
Boys 1918.....	156	117	115	113	104	91	73	57	44	28	17	13
Girls 1908.....	154	124	125	114	102	88	70	57	35	23	15	12
Girls 1918.....	145	112	112	111	104	90	78	64	50	32	21	14
Total 1908.....	161	129	128	117	104	86	68	53	33	21	14	9
Total 1918.....	151	115	114	112	104	92	75	61	47	29	19	15
(4) Group A cities, with kindergartens in 1918.....	153	115	115	113	104	91	74	60	44	27	17	14
(5) Group A cities, without kindergartens in 1918.....	133	108	107	111	103	95	80	65	53	35	23	20
(6) Group B cities, with kindergartens in 1918.....	142	113	113	109	106	92	78	62	71	41	29	23
(7) Group B cities, without kindergartens in 1918.....	151	112	110	111	107	97	81	68	68	43	34	27
(8) All cities with kindergartens, 1918.....	153	115	115	113	104	91	75	60	45	28	18	14
(9) All cities without kindergartens, 1918.....	140	110	109	111	105	96	81	66	59	38	27	23
AVERAGES (BASED ON AVERAGE OF LARGEST AGE GROUPS).												
(1) Group A cities:												
Boys 1908.....	171	136	134	121	108	86	66	51	30	18	12	7
Boys 1918.....	150	119	117	116	106	93	74	58	43	25	16	12
Girls 1908.....	150	128	130	119	106	90	71	58	34	22	14	11
Girls 1918.....	140	115	115	114	106	94	79	65	49	32	20	15
Total 1908.....	161	132	132	120	106	88	68	54	32	20	13	9
Total 1918.....	154	117	116	115	106	93	76	61	46	28	18	14
(2) Group B cities:												
Boys 1908.....	174	137	128	121	109	94	74	57	46	30	19	14
Boys 1918.....	155	115	114	111	108	96	77	63	66	38	27	20
Girls 1908.....	158	126	123	113	104	99	85	66	56	35	25	18
Girls 1918.....	142	114	111	111	107	96	84	69	75	46	37	27
Total 1908.....	166	132	125	117	107	97	80	62	51	34	24	18
Total 1918.....	148	114	113	111	108	98	81	66	71	45	33	25

Average of corresponding medians for boys and girls.

TABLE 32.—Median and average ratios between the total number of boys and girls found in each grade and the average of the largest age groups in 80 cities in 1908 and 1918—Continued.

Groups.	Elementary schools.							High schools.				
	First grade.	Second grade.	Third grade.	Fourth grade.	Fifth grade.	Sixth grade.	Seventh grade.	Eighth grade.	First year.	Second year.	Third year.	Fourth year.
AVERAGES (BASED ON AVERAGE OF LARGEST AGE GROUPS)—contd.												
(1) All 80 cities:												
Boys 1908.....	172	136	133	121	108	87	65	51	31	19	12	8
1918.....	159	119	117	115	106	91	74	58	35	26	17	13
Girls 1908.....	159	128	129	116	105	91	72	59	36	23	16	12
1918.....	148	114	115	114	106	95	79	65	51	33	22	18
Total 1908.....	165	132	131	120	106	89	69	55	34	21	14	10
1918.....	153	116	116	114	106	94	77	62	48	30	19	15
Correction factor.....	1.00	1.03	1.04	1.07	1.08	1.16	1.18	1.21	1.25	1.27	1.32	1.33
CORRECTED AVERAGES.												
(1) Group A cities:												
Boys 1908.....	171	140	139	129	117	100	78	62	36	23	16	9
1918.....	159	123	122	114	114	108	87	70	54	32	21	16
Girls 1908.....	159	132	135	127	113	104	84	70	43	28	18	15
1918.....	149	118	120	122	114	100	93	79	61	41	26	21
Total 1908.....	165	136	137	128	114	104	89	65	40	25	17	12
1918.....	154	121	121	123	114	108	90	74	58	36	24	19
(2) Group B cities:												
Boys 1908.....	174	141	138	126	118	109	87	69	58	38	25	19
1918.....	155	119	119	119	117	111	91	76	83	48	36	27
Girls 1908.....	156	131	127	121	112	115	100	80	70	48	37	28
1918.....	142	114	115	119	116	111	99	83	94	60	49	40
Total 1908.....	166	136	130	125	116	113	94	75	64	43	32	24
1918.....	148	117	118	119	117	111	96	80	89	55	42	33
(3) All 80 cities:												
Boys 1908.....	172	140	138	129	117	101	78	65	39	24	16	11
1918.....	159	123	122	123	114	108	87	70	56	33	22	17
Girls 1908.....	159	132	134	126	113	106	85	71	45	29	21	16
1918.....	148	117	120	122	114	110	93	79	64	42	29	24
Total 1908.....	165	136	136	128	114	105	81	67	43	27	18	13
1918.....	153	119	121	122	114	109	91	75	60	38	25	20

In Table 32 and figure 25 the medians for each group of cities for 1908 and 1918 for both boys and girls in each grade have been assembled. This figure, therefore, summarizes the medial central tendencies exhibited as modes in the four preceding figures. The connotation of the median should be clearly understood at this point. In the cities of group A in 1918 it is found that as many cities had more than 141 pupils in the first grade for each 100 beginners as had a smaller corresponding percentage, a large and a small city being considered of equal importance. This diagram, therefore, measures city school practices and does not represent the average percentage of pupils surviving to each grade in all cities combined. It should also be reiterated that these medians are derived from the ratio between the enrollment in each grade and the largest age group. The fact that very large cities have relatively low survival percentages in the upper grades has little effect in drawing the medians down. The high-school medial survival percentages, therefore, happen to be about correct for the "average" pupil, as will be shown later.

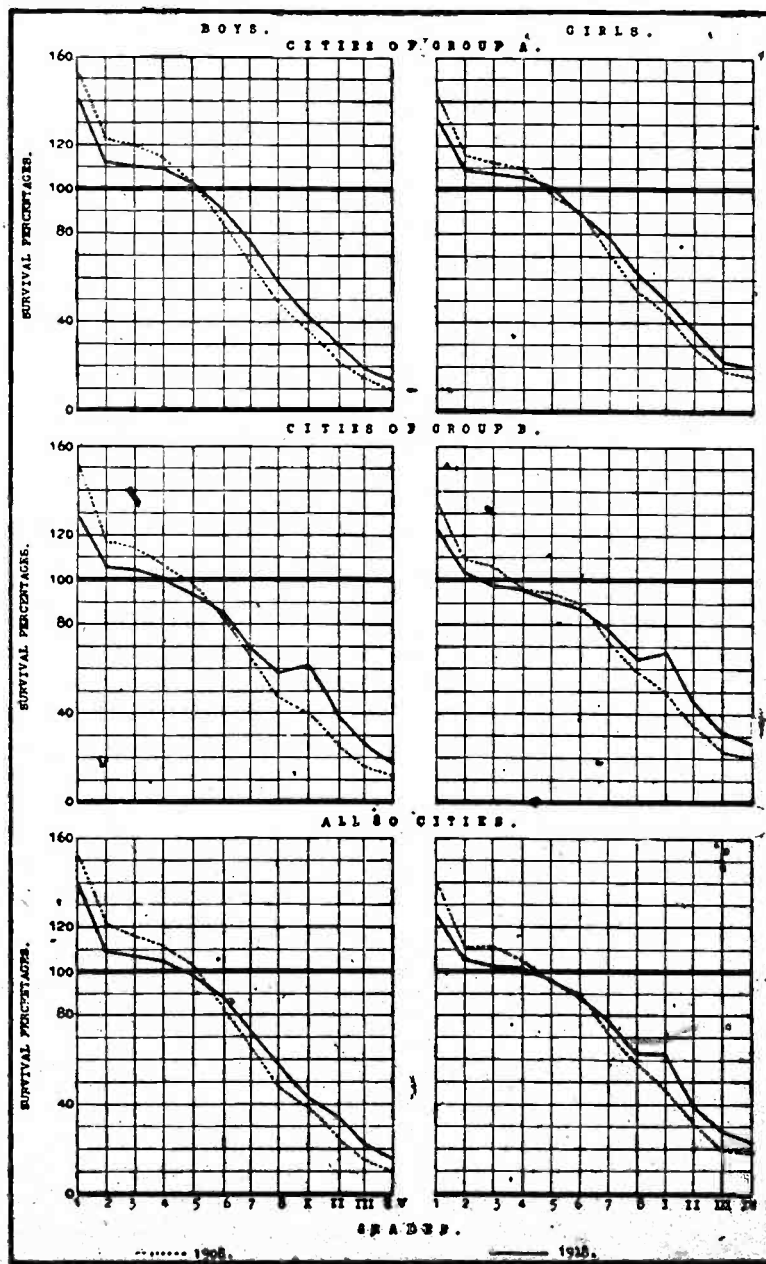


FIG. 25.—Median survival percentages for 80 cities, 1917-18.

In each part of figure 25 a striking improvement is apparent in the number of survivors. In the lower grades in 1908 the proportion of retarded pupils exceeded the proportion of such pupils in the same grades in 1918. In the upper grades the reverse condition prevails, in that more pupils are now reaching these advanced grades than did in 1908. The "humps" in the black curves for 1918 in cities of group B show that there are now more pupils in the first year of high school than in the eighth grade. This unexpected situation may mean that pupils after completing the eighth grade in private schools are entering the public schools for secondary school work; that pupils completing the elementary school course in rural schools are coming to the city to take up high-school work; or that the number of failures in the first year of high school causes an unusual number of retarded pupils to be registered in this grade. The data submitted scarcely warrant any further deductions in localizing the cause of this irregularity.

It will be noticed that there is a smaller percentage of retardation among girls than among boys in the lower grades, and that a greater proportion of girls than boys survive to the upper grades. This condition is apparent when one compares the right and left sections of corresponding diagrams.

In Table 32 and figure 26 average survival percentages are shown. These percentages relate to individual pupils and not to city school practices. With these percentages the corresponding survival percentages of each city should be compared. In this manner any city can determine just how it stands as compared with these averages. If, for instance, the survival percentage for boys in a given city in the fourth year of high school is found to be 10, it is known at once that this percentage is low, since, granting the reliability of this method of computing survival percentages, the average for all 80 cities for boys is 13. In a similar manner it is seen that on an average 17 girls survive out of each 100 that began 12 years earlier. It should be pointed out that these survival percentages for the upper grades are too low, since the number in each grade has been divided by the largest age group, which is too large to represent the number of beginners who have now reached the upper grades. This, however, does not vitiate comparisons in any considerable way, since the survival percentages of the individual city are probably equally as erroneous as are the final average survival percentages. As in the case of corresponding median survival percentages, better conditions are shown for 1918 than for 1908. In other words, there are comparatively fewer "repeaters" in the lower grades and more "survivals" to the upper grades. This wholesome tendency is unmistakably shown in figure 26.

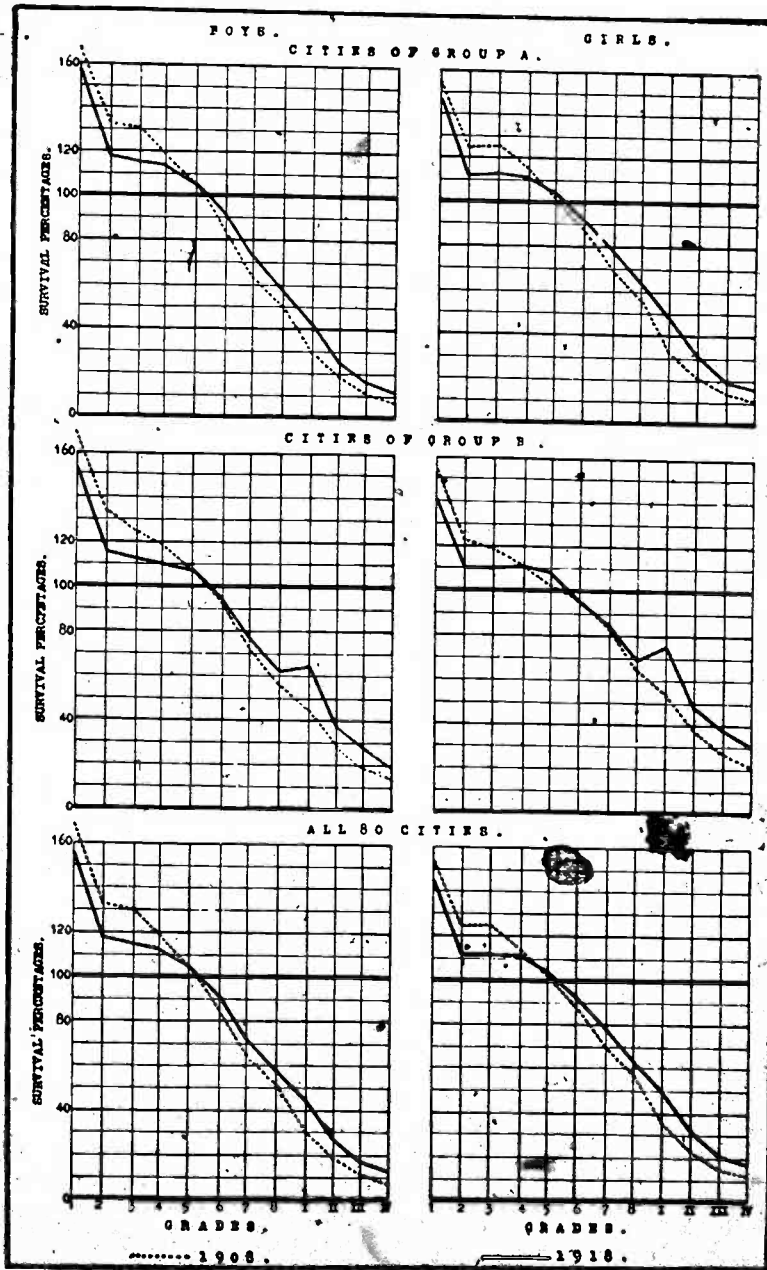


FIG. 26.—Uncorrected average survival percentages for 80 cities in 1908 and 1918.



The difference between average and median survival percentages is well illustrated in figure 27. The medians and the uncorrected averages correspond to those shown in preceding figures, except that boys and girls have been combined. By comparing the "dash" and the "dot-dash" curves, it is found that they cross at the sixth grade in 1908 and at the seventh grade in 1918. Corresponding median survival percentages are less than uncorrected averages in the lower grades, about the same in the sixth, seventh, and eighth grades, and greater in the high-school grades. This interchange of positions is due to the fact that large cities have unusually high percentages of repeating children in the lower grades and relatively low percentages of pupils surviving to the upper grades.

In Table 32 a series of reliable survival percentages have been computed on a different basis from that used in securing the corresponding percentages for individual city school systems. In this table the number of beginners has been secured by averaging the largest age groups. By this method it is found that in 1908 the first grade had 65 repeating pupils for each 100 beginning. In 1918 there were only 53 "repeaters" for the same number beginning. Presumably this change took place gradually, and corresponding intermediate percentages have been estimated for the years 1909 to 1917, inclusive. Knowing the total enrollment in each grade, the number of beginners can easily be ascertained by dividing the first grade enrollment for each year represented by the corresponding first grade percentages, 165 to 153. The estimated number of beginners is now divided into the enrollments of the same class on different dates with the resulting survival percentages shown in Table 33. These percentages for 1918 (153, 120, 121, 122, 115, 109, 91, 75, 60, 38, 25, and 20) should correspond to the "average" percentages (153, 116, 116, 114, 106, 94, 77, 62, 48, 30, 19, and 15) secured for the respective grades, 1 to 12, by dividing the total enrollment in each grade by the average of the largest age groups. The first series of survival percentages just listed are undoubtedly correct, derived as they are by ascertaining the number surviving from the different classes as they advance from grade to grade. By dividing the percentages in the first series by the corresponding percentages in the second series, an array of correction factors are secured (1.00, 1.03, 1.04, 1.07, 1.08, 1.16, 1.18, 1.21, 1.25, 1.27, 1.32, and 1.33).

From this series it is evident that even if survival percentages are obtained by dividing the enrollment in each grade by the average of the largest age groups, the results in general are too low. Thus in the fourth year of high school a survival percentage obtained in this way should be increased by 33 per cent to secure an approximately correct percentage. In the third year of high school the corresponding percentage is 32, etc. Using these correction factors a new group of

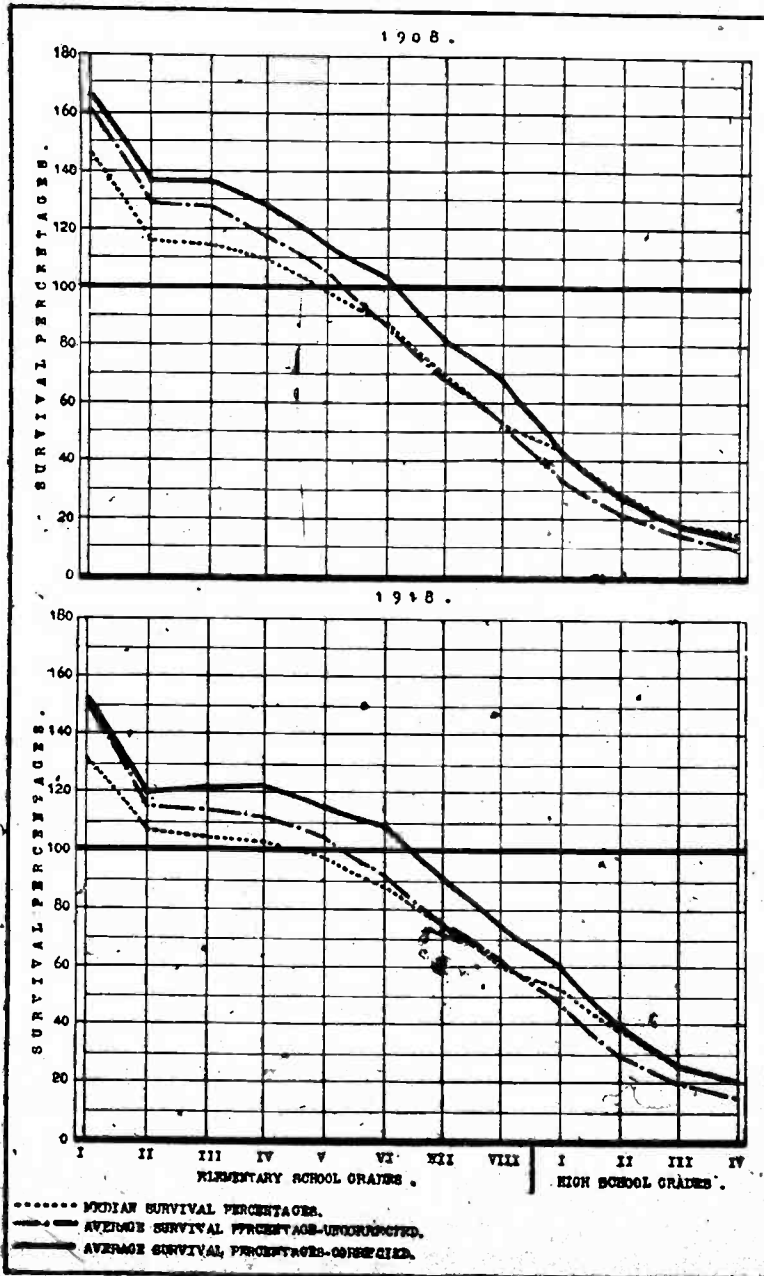


FIG. 27.—A comparison of median, uncorrected average, and corrected average percentages showing the number of pupils surviving to each grade for each 100 beginners, in 1908 and 1918.

survival percentages have been secured, as shown in the last part of Table 32 and pictured graphically in figure 27. From the curves for corrected averages in this figure it is at once apparent that the uncorrected averages as ordinarily secured are too low for every grade. They are decidedly higher than the medians in the lower grades. In the high-school grades the medians and the corrected average survival percentages are not essentially different. The proximity of these medians to the corrected averages is wholly incidental and is not due to any scientific consideration of the subject. They just "happen" to be about right, because they ignore the weights which are contributed by the large cities and which should be taken into consideration.

The series of correction factors just described can not be applied to the survival percentages ascertained in this report for individual cities. It is possible for any city to recompute its survival percentages by dividing the enrollment in each grade by the average of the largest and most nearly equal age groups and to apply the correction factors to the quotients thus obtained. This procedure would tell approximately how many pupils in a given city actually survive to each grade. If only a comparison is desired, the survival percentages as ascertained herein for any city may be compared with the uncorrected averages (or with the medians if city practices are to be compared). The corrected averages reveal the inadequacy of the use of the largest age groups or of the average of the largest age groups in expressing correct survival relationships. It should be remarked in this connection that the curves exhibited in figure 27 relate to 12 different classes reaching their respective grades in 1918. They do not, therefore, purport to give a class history but to portray present attainments in school retentiveness.

In figure 28 corrected average survival percentages have been computed for boys and girls separately for each group of cities and for all cities combined for both 1908 and 1918. These corrected percentages show that more boys and girls are found in each of the first six grades than actually began both for 1908 and 1918. The two curves usually cross near the fifth and sixth grades, indicating that the percentage of retardation has decreased in the first four grades and that the proportion surviving to the last six grades has increased within the last 10 years. The high-school survival percentages show marked increases within this period.

A comparison of corrected and uncorrected survival percentages is exhibited in figure 29 for each group of cities. For corresponding parts the corrected percentages are larger than the uncorrected ones. The uncorrected averages shown in this figure are derived by using the largest age group as the assumed number of beginners. Correction factors have not been computed to show the exact relationships

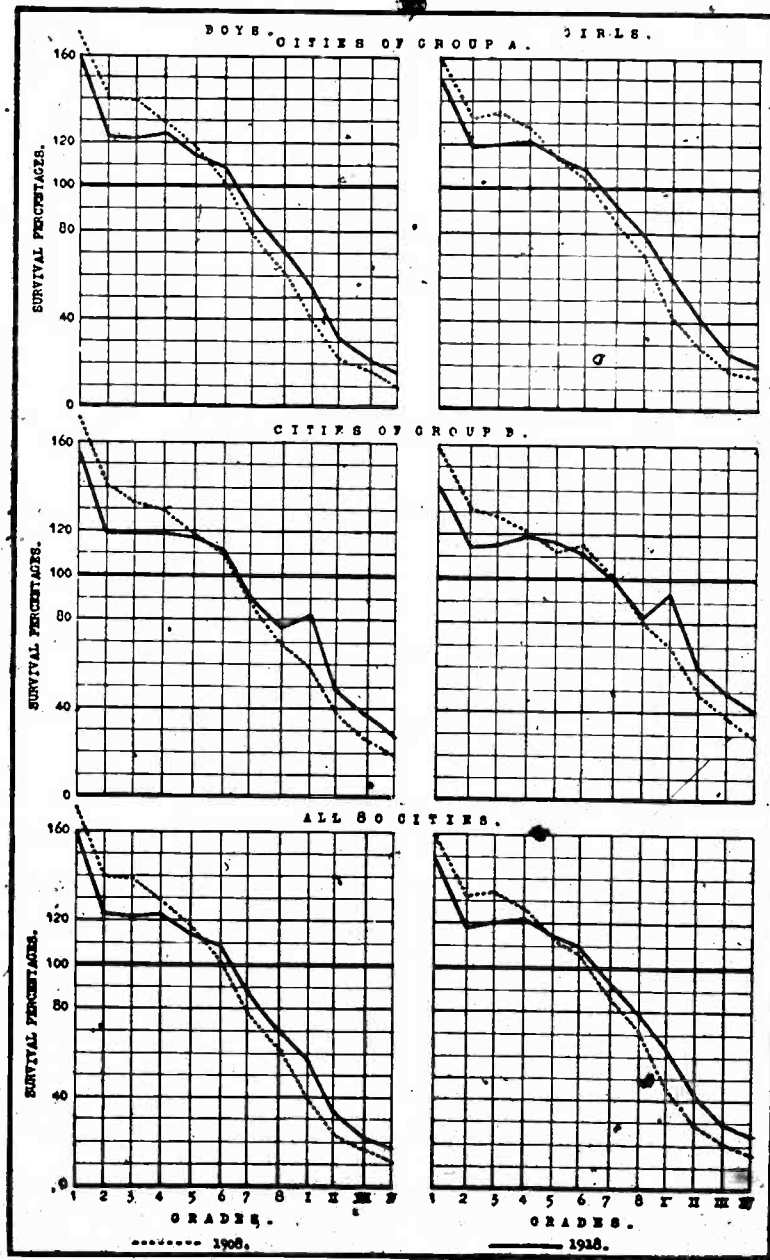


FIG. 28.—Corrected average survival percentages for 80 cities in 1908 and 1918.

between these corresponding curves, since different age groups are usually employed in securing the uncorrected averages. Discrep-

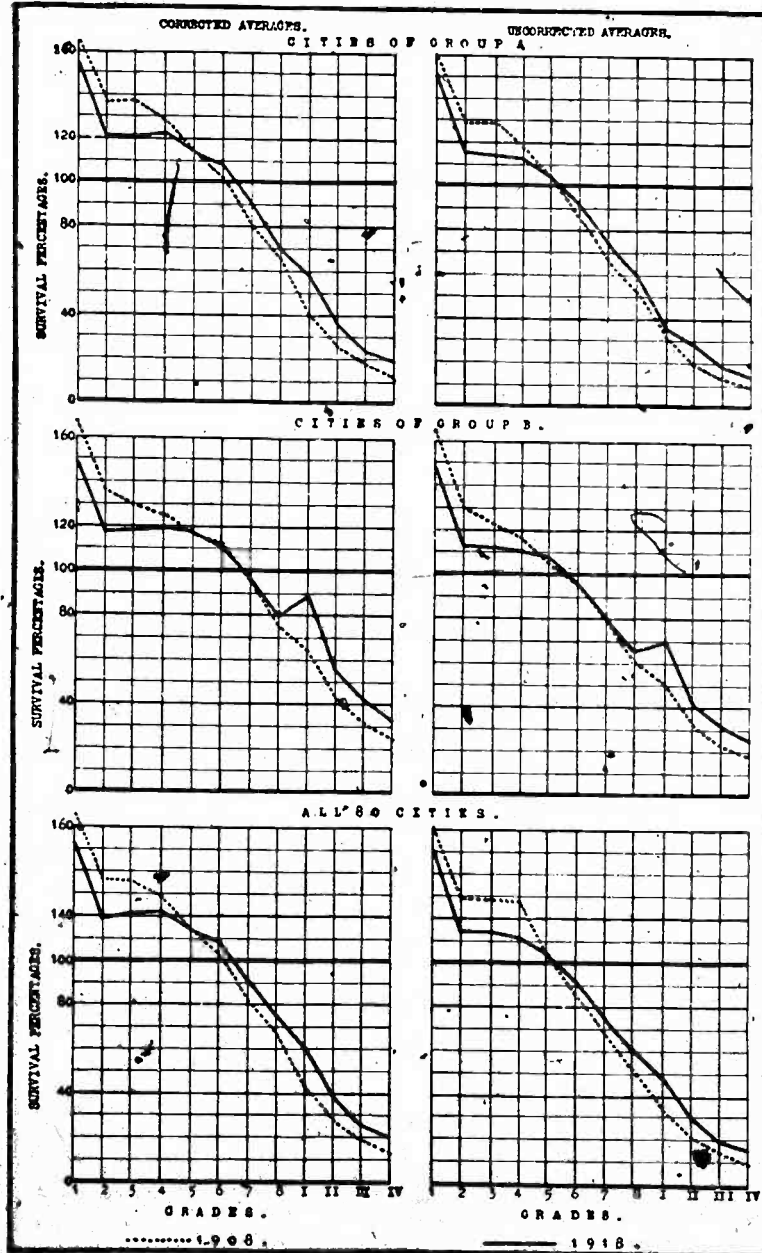


FIG. 29.—Corrected and uncorrected average survival percentages for 80 cities in 1908 and 1918.

ances between these erroneous averages and the approximately true averages are at once apparent.

TABLE 33.—Method used in securing survival percentages in 80 city school systems in 1905 and 1918.

	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918
Total enrollment, group A.....	925,492	931,542	948,118	997,032	1,022,960	1,044,368	1,111,682	1,123,825	1,155,831	1,196,241	1,216,461
Total enrollment, group B.....	95,064	95,142	97,172	100,550	103,558	107,317	115,628	116,822	121,863	125,868	131,866
Total enrollment, 80 cities.....	1,020,556	1,026,684	1,045,290	1,097,582	1,126,518	1,151,685	1,227,310	1,240,647	1,277,694	1,322,109	1,348,327
Type total enrollment.....	55,621	55,626	56,968	59,816	61,306	63,783	68,968	67,563	69,643	70,478	73,454
Enrollment in kindergartens.....	1,31,381	1,34,123	1,37,011	1,40,053	1,43,258	1,46,534	1,50,190	1,53,881	1,57,619	1,61,409	1,65,249
Enrollment in elementary and secondary schools.....	813,574	816,645	831,311	877,711	1,001,873	1,022,292	1,087,852	1,098,583	1,130,338	1,140,036	1,188,428
Per cent enrolled in each grade:											
First grade.....	17.5	17.4	17.2	17.1	17.0	16.8	16.7	16.6	16.5	16.3	16.2
Second grade.....	14.0	13.8	13.6	13.5	13.3	13.1	12.9	12.7	12.6	12.4	12.2
Third grade.....	12.6	12.5	12.3	12.2	12.0	11.8	11.6	11.5	11.4	11.2	11.0
Fourth grade.....	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
Fifth grade.....	9.4	9.4	9.5	9.5	9.6	9.7	9.7	9.7	9.8	9.8	9.9
Sixth grade.....	7.3	7.4	7.4	7.5	7.5	7.7	7.8	7.9	7.9	8.0	8.1
Seventh grade.....	5.8	5.9	5.9	6.0	6.0	6.2	6.3	6.3	6.4	6.4	6.5
Eighth grade.....	3.6	3.7	3.9	4.0	4.2	4.3	4.4	4.4	4.5	4.6	4.6
First year high school.....	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	3.0	3.1
Second year high school.....	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0
Third year high school.....	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6
Estimated enrollment:											
Second grade.....	159,876	159,496	160,186	167,189	170,316	171,743	182,005	182,365	186,506	185,922	192,528
Third grade.....	126,497	126,658	126,658	131,691	133,469	133,919	140,591	139,520	142,422	141,438	144,988
Fourth grade.....	126,987	125,540	126,658	131,013	132,347	132,897	140,391	139,520	141,292	141,438	144,988
Fifth grade.....	118,110	114,581	116,414	121,236	123,270	123,741	134,052	134,028	138,771	138,018	142,611
Sixth grade.....	84,376	86,163	86,307	89,584	92,219	94,495	102,063	102,042	106,363	107,550	113,704
Seventh grade.....	66,691	67,832	69,448	72,378	76,160	79,161	85,716	86,363	91,173	91,781	96,564
Eighth grade.....	32,987	34,092	34,947	36,683	38,114	39,116	42,009	42,788	44,242	44,991	48,263
First year high school.....	32,889	33,916	36,321	39,106	41,114	42,339	47,371	47,788	50,000	50,000	52,248
Second year high school.....	20,069	21,083	22,352	24,423	26,049	27,470	30,553	30,760	32,780	34,219	36,841
Third year high school.....	13,703	14,059	14,901	16,423	17,032	18,401	20,470	20,763	22,476	22,812	24,769
Fourth year high school.....	9,136	10,083	10,244	11,732	12,023	13,240	15,236	15,380	16,935	17,109	19,015
Number in first grade for each 100 beginners.....	165.0	163.8	162.6	161.4	160.2	159.0	157.8	156.6	155.4	154.2	153.0

1 Estimated.  
 2 In 41 of these 80 cities in 1910 the Bureau of the Census found 1,157,729 pupils attending school. Of these, 296,420 were over 20 years of age, presumably not enrolled in elementary or secondary schools. From the statistical report of the Commissioner of Education for 1910 it is found that these 41 cities reported 1,237,088 pupils enrolled in private schools and 929,867 pupils enrolled in the public schools. The true enrollment in the public schools in 1910 was probably 879,241 (i. e. 1,157,729—278,488). Therefore, probably 50,668 duplicate enrollments were reported to the Bureau of Education in 1910. The per cent of duplication was 5.45 per cent in 1910. This ratio probably applies to total enrollment reported in other years.  
 3 Estimated for each year except 1908 and 1918.  
 4 Average number in first grade for each 100 beginners. The ratio between the total number (reported by age and grade) in the first grade in all 80 cities and the average number 9 to 10 years of age, inclusive.  
 5 A average number in first grade for each 100 beginners. The ratio between the total number (reported by age and grade) in the first grade in all 90 cities and the average number 7 to 10 years of age, inclusive.



TABLE 33.—Method used in securing survival percentages in 80 city school systems in 1908 and 1918—Continued.

	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918
Estimated number of beginners.....	96,895	97,372	98,815	103,587	108,316	108,014	115,339	116,453	120,016	120,572	125,853
Percentage surviving to each grade (including repeaters)—											
First grade.....	165	164	163	161	160	159	158	157	155	154	153
Second grade.....	135	134	133	132	131	130	129	128	127	126	125
Third grade.....	133	132	131	130	129	128	127	126	125	124	123
Fourth grade.....	128	127	126	125	124	123	122	121	120	119	118
Fifth grade.....		114	113	112	111	110	109	108	107	106	105
Sixth grade.....		98	97	96	95	94	93	92	91	90	89
Seventh grade.....			82	81	80	79	78	77	76	75	74
Eighth grade.....			71	70	69	68	67	66	65	64	63
Ninth grade.....					49	48	47	46	45	44	43
First year high school.....							32	31	30	29	28
Second year high school.....								23	22	21	20
Third year high school.....									19	18	17
Fourth year high school.....										19	18

\* The estimated number of beginners in 1905 is 90,223; in 1906, 92,447; and in 1907, 94,671.

TABLE 34.—Method used in computing the retardation and acceleration factors shown in figure 31.

	Elementary schools.										High schools..			
	First grade	Second grade	Third grade	Fourth grade	Fifth grade	Sixth grade	Seventh grade	Eighth grade	First year.	Second year.	Third year.	Fourth year.		
Survival percentages for classes reaching each grade, 1918 (including repeating and accelerated pupils).....	138	120	121	122	115	109	91	75	60	38	25	20		
Number of over-age pupils:														
Cities of group A, 1918.....	18,940	22,018	28,168	34,906	35,244	29,148	18,142	11,080	7,428	4,553	2,685	2,065		
Cities of group B, 1918.....	1,874	2,307	2,461	3,175	3,359	2,966	2,430	1,498	1,775	885	683	472		
Total number of over-age pupils.....	18,814	24,325	31,829	38,081	38,603	32,114	20,572	12,578	9,203	5,448	3,368	2,507		

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Total number of pupils in 1918.....	184,543	139,023	139,144	137,428	127,305	112,518	92,266	74,141	57,675	35,663	23,103	18,470
Number of over-age pupils in each survival percentage, 1918.....	10.2	17.4	22.9	27.7	30.3	28.5	22.3	17.0	10.0	15.3	14.6	13.9
Number of over-age pupils in each survival percentage, 1917.....	16	21	28	34	35	31	20	13	10	6	4	3
Survival percentages for class entering in 1907.....	166	135	133	123	116	102	83	71	53	35	24	20
Per cent of over-age pupils.....	10.3	31.5	30.6	45.7	47.5	42.3	31.3	22.5	19.9	17.8	15.8	13.9
Number of over-age pupils in survival percentages, class of 1907.....	32	43	53	56	55	43	26	16	11	6	4	3
Number of under-age pupils: Class of group A, 1918.....	16,498	11,433	12,088	11,688	11,940	11,977	10,948	10,325	10,264	9,776	4,464	3,518
Class of group B, 1918.....	2,515	1,717	1,791	1,607	1,837	1,576	1,321	1,348	1,367	1,064	742	591
Total.....	19,012	12,150	13,886	13,295	13,783	13,553	12,269	11,673	11,631	7,830	5,206	4,109
Per cent of under-age pupils, 1918.....	10.3	9.4	10.0	9.7	10.8	12.0	13.3	15.7	20.2	22.0	22.5	22.2
Number of under-age pupils in each survival percentage, 1918.....	16	11	12	12	12	13	12	12	12	8	6	4
Per cent of over-age pupils: Class of group A.....	10.1	17.4	23.2	28.1	30.7	28.8	21.9	16.7	15.0	14.8	13.9	13.5
Class of group B.....	10.8	17.3	20.1	24.3	26.6	26.4	25.6	19.4	21.5	17.9	18.2	16.1
Per cent of under-age pupils: Class of group A.....	9.9	9.0	9.6	9.4	10.4	11.8	13.2	15.5	20.8	22.1	23.1	22.6
Class of group B.....	14.4	12.9	13.6	12.3	14.5	14.0	14.0	17.4	16.5	21.1	19.7	20.2
Per cent of under-age pupils in survival percentages, class of 1907.....	5.2	3.5	4.4	4.9	6.1	7.5	9.2	11.8	16.4	19.2	21.1	22.2
Number of under-age pupils in survival percentages, class of 1907.....	5	4	6	6	7	8	8	8	9	7	5	4

In 1908, 37.7 per cent of all pupils were over age; in 1918 only 20.8 per cent were over age. For 1907 it is estimated that 39.4 per cent of all pupils were over age. It is assumed that there has been the same rate of decrease in the percentage of over-age pupils in each grade from 1908 to 1918. Thus in 1907 the per cent of over-age pupils in the first grade is found to be 19.3 (10.3 times 20.4 divided by 20.8); in 1909 the per cent of over-age pupils in the third grade is 36.6 (22.9 times 36.0 divided by 20.8), etc.

In 1908, 37.7 per cent of all pupils were over age; in 1918, 12.2 per cent were under age. For 1907 it is estimated that 3.84 per cent of all pupils were under age. It is assumed that the rate of increase has been uniformly distributed over the period 1908 to 1918. In 1907 the per cent of under-age pupils is estimated to be 5.1 (10.3 times 3.84 divided by 12.2).



## CITY SCHOOL MORTALITY.

There is probably no better single criterion by which to judge the efficiency of a school system than a high percentage of pupils kept in school throughout the entire course. Other things being equal, a school system which keeps one-third of its pupils in school until they have reached the fourth year of high school is more efficient than one which retains only one-fifth of the children to this advanced grade. An attempt has been made in Table 33 and figure 30 to arrive at a series of survival percentages sufficient in scope and reliability to characterize city school practice in general. The results are based upon a study of over a million children enrolled in 80 city school systems of various sizes and located in nearly all sections of the country. Having corresponding data for these cities for 1908 and 1918, very reliable survival percentages have been computed. The exact method used in eliminating duplicates, in distributing the enrollment by grades, in ascertaining the survival percentages, etc., is explained in Table 33.

The first part of figure 30 relates to the history of a single class which entered school in 1907 and reached the fourth year of high school in 1918. The second part of the diagram shows present conditions for 12 different classes reaching the different grades in 1918. Thus, the number surviving to the third grade in 1918 entered school in 1916, and the number in the fourth grade in 1918 entered school in 1915. In each diagram the number enrolled in each of the first six grades exceeds the number of beginners. In the fourth year of high school the number of survivors is the same in each figure since the bars represent the same class. A marked tendency is evident when one compares carefully the two diagrams. In the first figure the excesses above 100 in the lower grades are greater than the corresponding excesses in the second figure. On the other hand, the numbers surviving in the different grades shown in the second figure are greater than the corresponding numbers in the first part of the diagram. Since the right-hand figure portrays present progress and the left-hand figure past practices, it is evident that city schools have been reducing retardation in the lower grades and retaining relatively more children for work in the higher grades. This comparison shows unmistakable progress in city school success. It is very evident that age-grade studies previously made have borne fruit. Cities are reducing the proportion of repeaters and increasing the proportion of survivals.

## NORMAL-AGE, UNDER-AGE, AND OVER-AGE PUPILS.

Each bar in the figure has been broken up into three parts, showing the number of children of normal age, under age, and over age. The details of the method used in securing these sections are ex-

plained in figure 33. Thus, in the first part of the diagram, of the 166 children enrolled in this grade (compared with the 100 beginning children) 129 were of normal age, 5 were under age, and 32

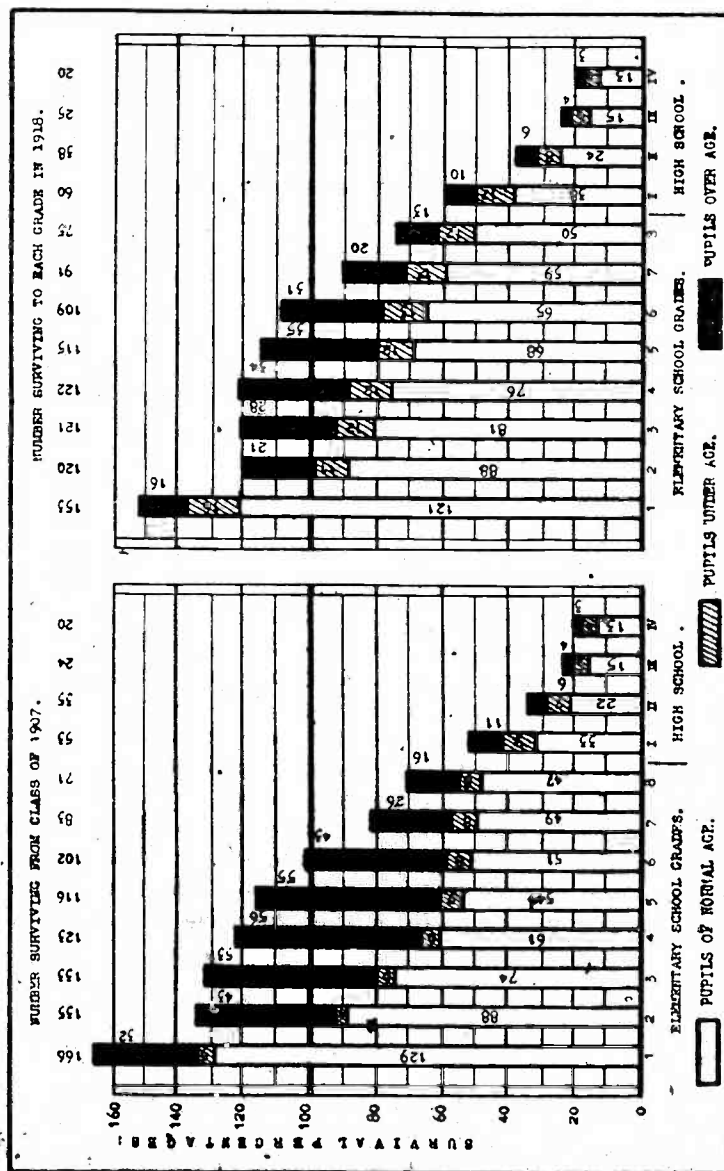


FIG. 33.—Number of pupils surviving out of each 100 beginners in 80 cities.

were over age. When this class advanced to the second grade in 1908, 88 children were of normal age, 4 were under age, and 43 were over age.

In the second diagram, the black bars are comparatively shorter than those in the first diagram, indicating that the percentage of over-age children has decreased. On the other hand, the single hatched sections of the bars in the second part of the diagram are comparatively longer than the corresponding sections in the first diagram, indicating that children are either entering school earlier or are advancing more rapidly through the grades than they did several years ago.

In construing these diagrams, it should be borne in mind that the white portion of each bar does not necessarily represent the number of pupils advancing regularly from grade to grade. In the first grade, the white bar extends above the 100 per cent line in both diagrams, indicating that there must be repeaters in this section of the bar. In other words, in 1907, for each 100 beginners, there were 166 pupils enrolled in the first grade. Of these, 66 must be repeating the work of this grade. In 1918, for each 100 beginners there were 153 pupils in the first grade, 53 of these being repeaters. It should also be remembered that the black portion of the bar represents over-age pupils, and may include those who entered school at an advanced age, and who may have been promoted regularly. In like manner, the under-age pupils may have entered school earlier than usual, and have advanced at a normal rate of progress. The total length of the bar in each case shows the number of pupils in each grade for each 100 that began. The accelerated pupils reach their grade ahead of time, each class receiving its quota from the class entering in previous years, and contributing this quota to the class entering in later years. The number of over-age pupils can not be ignored since they too have a tendency to advance from grade to grade. It is true that they begin to drop off when the compulsory attendance law ceases to operate, as will be witnessed from the decreasing length of the black sections of the bar beyond the sixth grade. In other words, many over-age pupils remain in school only because they are obliged to do so. The total length of the bar, however, represents the number surviving to each grade.

TABLE 35.—Method used in computing the percentage of children of each age enrolled in public elementary and secondary schools in 80 cities in 1918.

	5 years or less	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years
Total urban population, 1910	788,883	771,838	754,783	748,928	743,083	737,202	731,342	725,482	740,516	735,531	770,886	785,020	800,654	823,346	846,037	868,729
Per cent of those 9 years of age	106.2	103.9	101.6	100.8	100.0	98.2	98.4	97.6	99.7	101.7	103.7	105.7	107.8	110.8	113.9	116.9
Public-school enrollment in 80 cities, excluding kindergartens (age-grade report)	19,226	114,665	122,209	119,709	120,673	117,863	112,138	109,439	106,063	82,116	53,345	31,516	19,803	9,169	2,985	1,202
Estimated total public-school enrollment in same cities, excluding duplicates and kindergartens	20,004	119,299	127,158	124,620	125,560	122,687	116,680	113,871	110,348	85,441	56,606	32,792	20,605	6,540	3,106	1,231
Public-school responsibility in 1918	34,523	33,775	33,028	32,767	32,607	32,247	31,987	31,727	32,410	33,080	33,710	34,260	35,043	36,018	37,026	38,001
Number never in any school	4,747	4,644	4,621	4,506	4,470	4,434	4,398	4,362	4,456	4,546	4,635	4,723	4,818	4,933	5,091	5,225
Total population in these 80 cities at each age	172,614	168,876	165,138	163,837	162,537	161,237	159,936	158,636	162,049	165,300	168,551	171,802	175,215	180,091	185,130	190,096
Public-school responsibility	138,091	135,101	132,110	131,070	130,030	128,990	127,949	126,909	129,859	132,790	134,841	137,442	140,172	144,073	148,104	152,006
Per cent of all children enrolled in public schools	11.59	70.64	77.00	76.06	77.26	76.07	72.95	71.78	68.10	81.09	82.93	19.09	11.76	5.30	1.68	.66
Per cent of public-school responsibility in public school	14.49	88.30	96.28	96.06	96.56	95.09	91.10	89.73	85.12	64.61	41.16	23.86	14.70	6.62	2.10	.82

<sup>1</sup> In these 80 cities the true public-school enrollment, excluding kindergartens (estimated to be 1,185,428 in Table 33), is 1.0408 times the corresponding enrollment reported by ages (shown to be 1,142,179 in Table 30).

<sup>2</sup> In 1918 the total private-school enrollment (349,032) was 25.89 per cent of the total public-school enrollment (1,346,327) in these 80 cities, including duplicates and kindergartens in both cases. At the age of 6 a greater proportion (a greater number but not a greater proportion) is enrolled at the age of 7) of children (125,460) is found in the public schools in these 80 cities than at any other age. Presumably at this age the enrollment in private schools is 25.89 per cent of the enrollment in public schools or amounts to 32,507. The private schools assume responsibility for educating 20 per cent of the children (32,507 divided by 162.537).

<sup>3</sup> The per cent of children in the urban population, 10 to 14 years of age, in 1910 was approximately 2.75 (Census, 1910). This percentage represents, presumably, the number of children who never attend any school.

<sup>4</sup> At the age of 5 the children are enrolled in public and private elementary and secondary schools (126,560 plus 32,867). This number is 97.25 per cent of the total number of children of this age (160,000 in Table 30, alternate). The total number 9 years of age in these 80 cities is, therefore, 162,537.

<sup>5</sup> This number is 106.2 times the corresponding enrollment 9 years of age.

<sup>6</sup> The total number of each age, excluding private-school responsibility.

<sup>7</sup> Secured by dividing the public-school responsibility by the total number of children of the same age (130,030 divided by 162.537).

## CHILDREN IN AND OUT OF SCHOOL.

It is important to know how many children are in school and out of school at each age. This information is compiled decennially for the whole country by the Bureau of the Census. It is equally important to show the situation for city school systems of all sizes. From the data supplied by city school superintendents and from

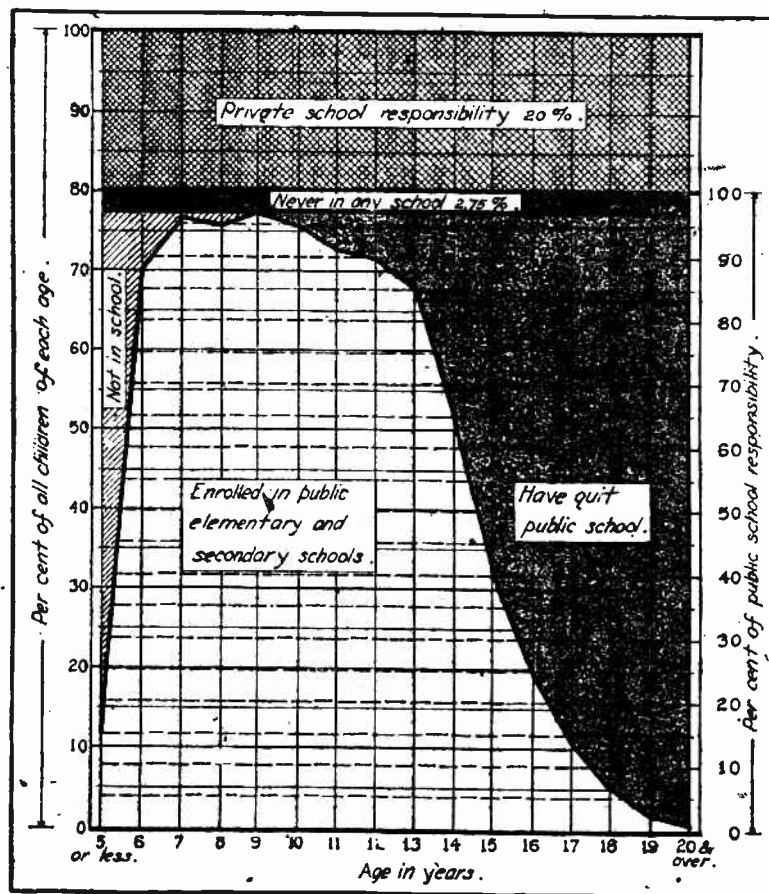


FIG. 31.—Estimated percentage of children of each age enrolled in the public schools of 80 cities in 1918.

census reports, the per cent of children in school at each age in these 80 city school systems has been ascertained. The details of the method of procedure are shown in Table 35 and the resulting percentages are exhibited in graphic form in figure 31. It is found that 20 per cent of all city children are enrolled at some age (9 in this instance) in private and parochial schools. It may be said, therefore, that the private school responsibility is 20 per cent.

There are no data available to show what proportion of these children are enrolled in these private schools at other ages than 9. Assuming that the percentage of urban children 10 to 14 years of age who can not read and write represents the percentage that never attends school, it is found that the remaining 77.25 per cent are enrolled in city public schools—all of them at the age of 9 and about as many at the ages of 7, 8, and 10. After the age of 13, children drop out of school very rapidly. Few children are enrolled in the first grade at the age of 5. Many of them, however, are enrolled in kindergartens at this age, but children enrolled in kindergartens have not been included in this diagram. The large proportion of children out of school above the age of 13 should be sufficient to cause city school administrators to pause and diagnose the situation. It is quite evident that this drop in attendance is largely due to the ineffectiveness of compulsory attendance laws. A preceding diagram showed that the percentage of over-age children dropped off rapidly at about the same ages. If high schools are maintained at public expense, why not compel boys and girls to attend them? Why tax one man to educate another man's children and then permit these children to waste the opportunity afforded them? Labor permits encourage school mortality, although they may occasionally be a necessity. The "concreted" area at the right in the figure constitutes a fertile field for night school and continuation school activities, even if pupils are obliged to earn a livelihood at these ages. Only 1 per cent of a city school's expenditures goes for the redemption of this "dark continent."

TABLE 36.—Enrollment of pupils by grades in 80 cities in 1908 and 1918.

Groups.	Elementary schools.										High schools.				Total, excluding kindergarten.	Largest age group.	Age of largest group.
	Kindergarten.	First grade.	Second grade.	Third grade.	Fourth grade.	Fifth grade.	Sixth grade.	Seventh grade.	Eighth grade.	First year.	Second year.	Third year.	Fourth year.				
<b>Group A cities, 1908:</b>																	
Boys	66,940	53,180	49,434	52,210	47,408	42,085	33,029	25,024	19,781	11,588	7,031	4,569	2,686	365,701	40,015	8	
Girls	61,409	49,434	50,181	45,841	40,704	34,622	27,506	22,400	13,288	13,288	8,180	5,561	4,200	363,762	39,806	8	
<b>Total</b>	128,349	102,614	99,615	98,051	88,112	76,709	60,535	47,424	33,069	24,876	15,211	10,130	6,886	730,463	79,821	8	
<b>Group B cities, 1908:</b>																	
Boys	6,711	5,288	4,887	4,932	4,668	4,206	3,640	2,983	2,207	1,770	1,140	749	536	38,714	3,941	10	
Girls	6,066	4,843	4,687	4,344	3,964	3,778	3,269	2,522	2,137	1,465	1,065	818	626	38,978	3,928	8	
<b>Total</b>	12,767	10,129	9,574	9,276	8,632	7,970	6,909	5,505	4,344	3,235	2,205	1,814	1,162	77,692	7,869	8	
<b>All 80 cities, 1908:</b>																	
Boys	73,651	58,468	54,277	57,142	52,076	46,291	37,299	28,487	21,988	13,364	8,171	5,318	3,222	405,415	43,882	8	
Girls	67,465	54,277	54,868	51,968	44,668	38,470	30,775	24,922	15,425	15,425	9,931	6,626	5,078	402,740	43,864	8	
<b>Total</b>	141,116	112,745	109,145	109,110	96,744	84,761	68,074	53,409	37,413	28,789	18,102	11,944	8,300	808,155	87,746	8	
<b>Group A cities, 1918:</b>																	
Boys	40,268	86,985	64,612	63,756	62,854	57,467	50,309	40,215	31,360	23,179	13,677	8,920	6,877	599,200	55,201	7	
Girls	40,531	80,522	61,968	62,179	61,525	57,158	50,879	42,586	35,040	26,275	16,866	10,720	8,865	514,516	55,193	7	
<b>Total</b>	80,799	167,117	126,580	125,935	124,379	114,625	101,288	82,804	66,400	49,454	30,673	19,340	15,540	1,024,115	110,464	7	
<b>Group B cities, 1918:</b>																	
Boys	2,819	9,135	6,858	6,737	6,525	6,384	5,940	4,516	3,686	3,875	2,207	1,606	1,150	58,339	5,969	9	
Girls	2,807	8,291	6,465	6,472	6,504	6,266	5,590	4,806	4,055	4,396	2,785	2,157	1,780	56,725	5,878	8	
<b>Total</b>	5,626	17,426	13,323	13,209	13,029	12,650	11,530	9,322	7,741	8,271	4,990	3,763	2,930	118,064	11,844	9	
<b>All 80 cities, 1918:</b>																	
Boys	43,077	95,730	71,470	70,493	69,379	63,671	56,249	44,731	35,046	27,004	15,884	10,226	7,923	597,638	61,172	7	
Girls	45,328	86,813	68,653	68,651	68,029	63,424	56,466	47,525	39,085	30,671	19,779	12,877	10,645	574,541	61,037	7	
<b>Total</b>	88,405	182,543	140,123	139,144	137,408	127,095	112,715	92,256	74,131	57,675	35,663	23,103	18,570	1,142,179	122,209	7	

Group A cities having kindergarten, 1918.....	80,789	154,065	116,048	115,412	113,501	104,533	91,988	75,005	60,059	44,209	27,228	17,048	13,623	932,729	100,700	7
Group A cities not having kindergarten, 1918.....	.....	13,032	10,532	10,523	10,878	10,122	9,290	7,796	6,341	5,185	3,445	2,292	1,917	91,366	9,794	7
Group B cities having kindergarten, 1918.....	5,836	8,225	6,535	6,542	6,320	6,160	5,322	4,524	3,583	4,139	2,374	1,710	1,264	16,698	5,806	9
Group B cities not having kindergarten, 1918.....	.....	9,201	6,818	6,667	6,729	6,490	5,908	4,928	4,158	4,132	2,616	2,053	1,666	61,366	6,077	10
All cities having kindergarten, 1918.....	86,625	162,290	122,583	121,964	119,821	110,693	97,320	79,529	63,412	48,348	29,802	18,758	14,897	989,427	106,380	7
All cities not having kindergarten, 1918.....	.....	22,263	17,350	17,190	17,607	16,612	15,198	12,727	10,499	9,327	6,091	4,345	3,583	152,732	15,839	10

1 The following cities had a ninth-grade elementary in 1906 with the number of pupils indicated, which have not been included in this table: Fall River, Mass., 183 boys and 213 girls; New Bedford, Mass., 127 boys and 135 girls; Harrisburg, Pa., 180 boys and 167 girls; and Williamsport, Pa., 104 boys and 142 girls. The following cities had a ninth-grade elementary in 1908 with the number of pupils indicated, which have not been included in this table: Dedham, Mass., 46 boys and 43 girls; Medford, Mass., 138 boys and 140 girls; Wakefield, Mass., 65 boys and 62 girls; Winchester, Mass., 40 boys and 39 girls; and Winthrop, Mass., 64 boys and 73 girls.



TABLE 37.—Grade populations of certain cities of 25,000 population and over, 1918—GROUP A.

Cities.	Sex.	Kinder-garten.	Elementary school grades.						High school years.			
			1	2	3	4	5	6	7	8	1	2
Aurora (east side), Ill.	Boys	47	50	62	119	126	117	137	91	196	52	37
	Girls	60	117	172	117	121	132	103	182	66	66	
	Boys	19,290	19,766	19,241	19,179	17,768	12,946	10,503	7,312	112	51	
	Girls	19,243	18,846	18,907	18,140	15,352	13,322	11,007	8,314	2,149	1,068	
Chicago, Ill.	Boys	28,785	18,208	18,209	18,140	17,125	15,352	11,007	8,314	2,149	1,068	
	Girls	275	208	209	212	211	183	113	83	79	39	
Deaunville, Ill.	Boys	226	208	209	212	211	183	113	83	79	39	
	Girls	154	414	439	383	333	321	298	253	157	84	
Decatur, Ill.	Boys	454	416	442	422	373	373	310	233	168	142	
	Girls	395	233	251	251	270	270	188	198	106	68	
Quincy, Ill.	Boys	42	469	441	441	453	467	406	373	248	255	
	Girls	28	441	441	441	453	467	406	373	248	255	
Rockford, Ill.	Boys	611	442	456	481	497	471	495	313	215	139	
	Girls	26	442	456	481	497	471	495	313	215	139	
Springfield, Ill.	Boys	796	593	512	507	507	680	646	183	306	121	
	Girls	284	593	512	507	507	680	646	183	306	121	
Kansas City, Kans.	Boys	1,352	1,912	1,972	1,972	1,775	1,640	1,200	324	329	257	
	Girls	386	756	756	756	756	799	661	477	259	182	
Wichita, Kans.	Boys	789	637	676	701	639	535	486	176	384	37	
	Girls	282	637	676	701	639	535	486	176	384	37	
Covington, Ky.	Boys	548	390	385	345	321	242	246	151	121	81	
	Girls	305	413	436	313	330	246	216	187	109	154	
Louisville, Ky.	Boys	2,879	1,979	1,785	1,830	1,667	1,667	1,170	958	727	256	
	Girls	1,141	1,797	1,757	1,731	1,639	1,117	1,170	855	727	256	
Fall River, Mass.	Boys	2,026	1,076	1,007	953	968	821	853	309	279	140	
	Girls	289	1,031	1,030	1,030	969	772	845	345	188	124	
New Bedford, Mass.	Boys	1,268	1,170	1,046	1,046	968	821	853	309	279	140	
	Girls	261	1,170	1,046	1,046	968	821	853	309	279	140	
Quincy, Mass.	Boys	478	419	435	424	389	369	345	240	245	121	
	Girls	211	419	435	424	389	369	345	240	245	121	
Battle Creek, Mich.	Boys	187	284	272	272	285	285	188	153	174	67	
	Girls	219	305	326	344	306	298	267	160	219	95	
Bay City, Mich.	Boys	329	301	270	314	292	275	213	207	199	86	
	Girls	214	301	270	314	292	275	213	207	199	86	
Grand Rapids, Mich.	Boys	968	760	902	799	734	701	689	589	463	217	
	Girls	562	762	851	854	785	749	739	622	462	207	
Reginau (east side), Mich.	Boys	336	274	254	254	222	219	191	165	154	91	
	Girls	291	274	254	254	222	219	191	165	154	91	
Duluth, Minn.	Boys	1,028	914	837	837	795	749	739	622	462	207	
	Girls	652	914	837	837	795	749	739	622	462	207	
Minneapolis, Minn.	Boys	3,404	2,828	2,657	2,657	2,469	2,167	1,950	1,380	952	511	
	Girls	3,117	2,725	2,509	2,458	2,470	2,091	1,932	1,726	1,397	968	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	Boys	Girls	5,692	4,532	5,692	4,532	1,813	5,692	1,447	3,658	2,531	1,691	851	525	399
St. Louis, Mo.	3,107	1,425	4,532	1,546	4,532	1,546	1,813	4,532	1,447	3,658	2,531	1,691	851	525	399
East Orange, N. J.	394	373	767	373	767	373	394	767	407	374	268	235	158	115	721
Hoboken, N. J.	1,025	437	1,462	437	1,462	437	1,025	1,462	692	592	292	190	156	151	502
Orange, N. J.	373	373	746	373	746	373	373	746	369	299	222	158	94	79	39
Passaic, N. J.	679	679	1,358	679	1,358	679	679	1,358	666	541	378	251	181	137	19
Paterson, N. J.	1,514	661	2,175	661	2,175	661	1,514	2,175	1,181	978	624	407	292	101	86
Perth Amboy, N. J.	871	504	1,375	504	1,375	504	871	1,375	1,042	844	677	322	251	141	14
Trenton, N. J.	1,164	512	1,676	512	1,676	512	1,164	1,676	1,042	844	677	322	251	141	14
Auburn, N. Y.	1,211	974	2,185	974	2,185	974	1,211	2,185	1,042	844	677	322	251	141	14
Newburgh, N. Y.	468	259	727	259	727	259	468	727	448	425	192	138	94	54	45
Watertown, N. Y.	272	401	673	401	673	401	272	673	202	186	115	83	59	48	58
Canton, Ohio	114	781	895	781	895	781	114	895	106	106	110	106	83	59	108
Dayton, Ohio	1,183	1,289	2,472	1,289	2,472	1,289	1,183	2,472	1,041	923	681	448	317	18	18
Springfield, Ohio	725	598	1,323	598	1,323	598	725	1,323	686	584	391	277	207	106	106
Altoona, Pa.	536	471	1,007	471	1,007	471	536	1,007	486	384	256	183	137	88	149
Harrisburg, Pa.	345	357	702	357	702	357	345	702	344	343	256	183	137	88	149
Philadelphia, Pa.	1,094	1,094	2,188	1,094	2,188	1,094	1,094	2,188	1,094	912	712	528	352	225	325
Reading, Pa.	4,281	2,777	7,058	2,777	7,058	2,777	4,281	7,058	3,441	3,000	2,000	1,400	1,000	500	500
Williamsport, Pa.	371	336	707	336	707	336	371	707	350	280	220	170	140	100	100
York, Pa.	571	426	997	426	997	426	571	997	442	322	202	142	102	62	71
Tacoma, Wash.	1,317	913	2,230	913	2,230	913	1,317	2,230	1,094	880	694	514	374	254	188
Madison, Wis.	1,147	807	1,954	807	1,954	807	1,147	1,954	826	730	584	430	316	224	164
	286	271	557	271	557	271	286	557	246	214	152	109	79	54	39

TABLE 38.—Grade populations of certain cities of less than 25,000 population, 1918—GROUP B.

City.	Sex.	Kindergarten.	Elementary school grades.						High school years.					
			1	2	3	4	5	6	7	8	1	2	3	4
Alameda, Calif.	Boys.....	227	280	205	247	243	246	201	179	151	143	82	54	67
	Girls.....	240	267	190	197	224	224	201	182	172	223	144	82	73
Fresno, Calif.	Boys.....	181	600	423	436	490	465	372	344	298	365	181	114	70
	Girls.....	202	764	437	465	515	468	412	388	274	365	181	117	91
Santa Cruz, Calif.	Boys.....		112	88	115	98	110	112	98	71	95	46	25	25
	Girls.....		112	88	115	103	110	112	98	81	95	46	25	25
Deerbury, Conn.	Boys.....		207	160	165	146	141	126	110	87	83	53	28	49
	Girls.....		211	143	149	138	141	138	117	102	106	63	44	19
Wallingford, Conn.	Boys.....	91	142	126	133	120	110	98	78	60	60	35	22	24
	Girls.....	91	141	126	133	120	110	98	78	60	60	35	22	24
Galesburg, Ill.	Boys.....		144	144	148	184	200	213	179	177	177	97	82	108
	Girls.....		156	144	148	184	200	213	179	177	177	97	82	108
Macomb, Ill.	Boys.....		172	172	153	186	208	217	182	209	174	131	129	176
	Girls.....		162	172	153	186	208	217	182	209	174	131	129	176
Connersville, Ind.	Boys.....		68	59	52	51	49	56	45	46	37	24	23	24
	Girls.....		83	59	52	44	48	56	41	51	38	35	33	33
Connersville, Ind.	Boys.....		88	84	87	97	99	90	71	65	45	35	34	39
	Girls.....		76	96	85	60	72	80	71	68	56	37	30	38
East Chicago, Ind.	Boys.....		287	276	273	237	224	183	141	108	96	20	22	16
	Girls.....		313	252	248	238	241	190	137	108	85	20	20	23
Frankfort, Ind.	Boys.....		112	128	105	112	96	111	94	69	78	31	31	24
	Girls.....		118	93	110	102	96	111	94	69	78	31	31	24
Greensburg, Ind.	Boys.....	19	72	66	66	60	58	75	60	47	90	34	18	20
	Girls.....	18	93	66	66	60	58	75	60	47	90	34	18	20
Elkhart, Ind.	Boys.....		537	253	265	250	271	231	198	135	123	45	45	51
	Girls.....		292	250	240	221	242	221	205	121	165	48	45	67
Wabash, Ind.	Boys.....		101	106	107	123	76	82	77	58	56	30	21	9
	Girls.....		124	106	107	123	76	82	77	58	56	30	21	9
Keokuk, Iowa.	Boys.....	83	154	137	143	127	127	120	102	80	82	32	32	49
	Girls.....	83	154	137	143	127	127	120	102	80	82	32	32	49
Marshalltown, Iowa.	Boys.....	140	241	168	174	146	157	157	146	94	99	73	51	24
	Girls.....	140	176	168	174	146	157	157	146	94	99	73	51	24
Ottumwa, Iowa.	Boys.....	130	303	216	257	265	250	259	242	186	185	74	43	17
	Girls.....	153	270	216	257	265	250	259	242	186	185	74	43	17
Deerham, Mass.	Boys.....		147	134	116	106	104	114	105	85	90	30	30	34
	Girls.....		170	146	116	110	126	134	124	106	104	30	30	34
Greensboro, Mass.	Boys.....		314	143	144	164	159	149	87	64	68	62	34	25
	Girls.....		180	156	144	143	121	106	87	64	68	62	34	25
Needham, Mass.	Boys.....		450	313	344	348	343	297	238	212	308	178	87	108
	Girls.....		379	314	344	348	343	307	273	217	305	178	87	108
Windsorfield, Mass.	Boys.....		192	144	144	144	118	101	84	95	89	60	55	55
	Girls.....		174	137	126	119	127	109	98	104	90	79	74	67

Winchester, Mass.	Boys	53	98	84	54	90	85	101	97	107	59	40	32	14
	Girls	30	46	71	71	92	92	101	99	107	81	57	58	43
Winthrop, Mass.	Boys	137	100	140	123	114	112	127	122	117	85	70	82	78
	Girls	112	100	123	114	114	117	117	117	117	85	70	82	78
Choboygan, Mich.	Boys	100	100	67	67	54	54	76	74	78	39	24	18	21
	Girls	129	129	58	58	44	44	71	71	71	43	29	26	18
Iron Mountain, Mich.	Boys	118	140	234	234	141	113	110	107	107	80	20	26	27
	Girls	118	118	218	218	128	128	122	122	122	83	20	26	27
Sault Ste. Marie, Mich.	Boys	167	159	190	190	113	109	106	106	106	83	20	26	27
	Girls	150	126	130	126	126	142	142	142	142	105	20	26	27
Great Falls, Mont.	Boys	355	355	265	265	257	266	235	235	235	154	73	55	37
	Girls	320	320	231	231	246	233	223	221	221	201	62	97	31
Belvidere, N. J.	Boys	220	185	170	172	142	146	114	120	149	91	53	43	39
	Girls	160	160	161	161	131	142	135	140	140	101	66	64	70
Kearny, N. J.	Boys	345	345	260	260	237	239	201	188	188	147	56	58	18
	Girls	174	174	231	231	209	270	192	164	164	150	75	58	19
Princeton, N. J.	Boys	357	357	270	270	258	255	201	118	127	133	90	69	41
	Girls	265	265	200	200	193	211	196	131	131	141	122	83	85
Vineland, N. J.	Boys	421	421	318	318	218	191	149	115	115	86	39	22	24
	Girls	303	303	215	215	159	159	149	115	115	66	27	22	29
West Orange, N. J.	Boys	200	198	144	144	148	154	151	112	112	64	27	23	17
	Girls	187	187	148	148	148	154	151	112	112	64	27	23	17
New Rochelle, N. Y.	Boys	418	418	300	300	314	317	308	182	182	183	119	112	10
	Girls	372	372	334	334	354	360	370	174	174	165	111	112	30
White Plains, N. Y.	Boys	324	324	226	226	172	184	135	120	120	117	60	46	35
	Girls	318	318	194	194	206	183	107	127	127	122	59	51	46
McAlester, Okla.	Boys	201	199	113	110	118	97	90	106	106	73	41	24	16
	Girls	190	190	110	110	137	100	101	104	104	61	51	20	17
Clearfield, Pa.	Boys	119	111	83	83	90	89	77	58	58	69	40	20	17
	Girls	125	115	89	89	90	91	82	83	83	100	53	28	37
Danvers, Pa.	Boys	205	205	150	150	153	152	139	98	98	35	22	22	22
	Girls	184	184	129	129	109	136	112	98	98	84	20	44	17
Hazleton, Pa.	Boys	259	244	189	189	225	199	150	108	108	118	63	43	17
	Girls	241	241	188	188	195	187	142	87	87	110	48	22	17
Boyle, Wla.	Boys	215	215	209	209	196	208	173	139	139	152	90	43	45
	Girls	200	200	188	188	188	186	171	104	104	138	109	51	48

TABLE 30.—Distribution, by age, of pupils in the public schools (elementary and secondary) in certain cities of 25,000 population and over, 1918—GROUP A.

Cities.	Sex.	5 years or under.	6 years.	7 years.	8 years.	9 years.	10 years.	11 years.	12 years.	13 years.	14 years.	15 years.	17 years.	18 years.	19 years.	20 years or over.
Aurora (east side), Ill.	Boys.	109	153	139	112	114	136	114	126	128	111	71	51	18		
	Girls.	89	133	116	127	115	115	114	115	117	107	86	48	18		
	Boys.	2,554	18,491	17,388	17,471	15,361	16,481	15,361	15,033	14,775	10,510	5,911	3,183	685	234	148
	Girls.	2,579	18,540	17,201	17,173	15,234	16,234	15,331	14,724	14,484	10,370	6,298	3,227	614	183	96
Chicago, Ill.	Boys.	20,374	172,172	159,154	177,148	151,181	164,184	151,177	168,188	168,188	114,114	114,114	72,088	53,115	15,115	3,115
	Girls.	190	157	154	162	155	167	166	166	168	168	156	115	88	21	3
Peaville, Ill.	Boys.	433	375	394	378	321	326	315	341	280	281	202	151	149	59	3
	Girls.	402	410	394	378	321	326	315	341	280	281	202	151	149	59	3
Deatur, Ill.	Boys.	34	233	217	211	227	225	216	198	205	194	117	102	62	21	4
	Girls.	28	237	214	212	225	225	216	198	205	194	117	102	62	21	4
Keokuk, Ill.	Boys.	127	395	405	428	421	420	428	425	429	385	276	184	120	58	2
	Girls.	114	417	405	445	443	428	425	429	429	316	222	111	75	54	4
Springfield, Ill.	Boys.	161	471	485	448	448	430	430	416	425	296	232	146	111	70	10
	Girls.	161	471	485	448	448	430	430	416	425	296	232	146	111	70	10
Kansas City, Kans.	Boys.	308	739	773	770	831	759	807	783	829	741	548	290	190	64	24
	Girls.	311	740	773	770	831	759	807	783	829	741	548	290	190	64	24
Wichita, Kans.	Boys.	440	602	601	573	588	633	553	521	589	483	373	222	149	112	14
	Girls.	559	537	592	572	599	593	521	521	589	483	373	222	149	112	14
Corning, Ky.	Boys.	319	319	298	303	317	309	327	319	306	226	108	54	4	6	0
	Girls.	319	319	298	303	317	309	327	319	306	226	108	54	4	6	0
Louisville, Ky.	Boys.	1,355	1,476	1,414	1,461	1,437	1,485	1,437	1,410	1,410	1,313	823	462	161	62	8
	Girls.	1,372	1,476	1,414	1,461	1,437	1,485	1,437	1,410	1,410	1,313	823	462	161	62	8
Fall River, Mass.	Boys.	570	761	737	746	749	749	730	823	768	812	161	122	104	43	3
	Girls.	536	731	728	746	749	749	730	823	768	812	161	122	104	43	3
New Bedford, Mass.	Boys.	54	731	867	874	836	823	823	823	823	823	370	340	102	28	4
	Girls.	56	684	844	827	827	823	823	823	823	823	370	340	102	28	4
Ormsby, Mass.	Boys.	402	435	397	420	407	407	407	407	407	370	234	134	85	40	9
	Girls.	404	432	383	422	376	376	376	376	376	376	234	134	85	40	9
Pettie Creek, Mich.	Boys.	12	194	232	210	214	214	214	214	214	214	172	117	80	49	16
	Girls.	20	198	232	210	214	214	214	214	214	214	172	117	80	49	16
Bay City, Mich.	Boys.	17	274	250	259	332	332	332	332	332	332	240	115	110	22	24
	Girls.	30	553	528	528	528	528	528	528	528	528	240	115	110	22	24
Grand Rapids, Mich.	Boys.	57	617	741	861	741	741	741	741	741	741	590	371	252	137	81
	Girls.	54	539	617	741	861	741	741	741	741	590	371	252	137	81	81
Saginaw (east side), Mich.	Boys.	39	194	191	205	215	203	203	203	203	212	154	98	51	10	4
	Girls.	5	333	350	350	350	350	350	350	350	350	316	182	119	34	9
Dorothy, Minn.	Boys.	176	2,369	2,125	2,476	2,211	2,071	1,904	1,904	2,071	1,904	1,335	748	328	137	25
	Girls.	190	2,325	2,125	2,476	2,211	2,071	1,904	1,904	2,071	1,904	1,335	748	328	137	25
Minneapolis, Minn.	Boys.	190	2,325	2,125	2,476	2,211	2,071	1,904	1,904	2,071	1,904	1,335	748	328	137	25
	Girls.	190	2,325	2,125	2,476	2,211	2,071	1,904	1,904	2,071	1,904	1,335	748	328	137	25

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	Boys	Girls	Total	Teachers	Salaries	Expenses	Income	Per Capita	Population	Area	Density
St. Louis, Mo.	53	74	127	4,323	4,135	3,951	2,771	1,532	479	710	349
East Orange, N. J.	60	316	376	4,187	4,093	3,951	3,131	2,022	1,003	1,003	27
Hoboken, N. J.	154	518	672	384	340	313	709	191	100	100	44
Orange, N. J.	64	280	344	359	325	295	709	191	100	100	75
Pasaic, N. J.	66	224	290	484	458	428	343	227	170	170	27
Pateroson, N. J.	56	333	389	484	458	428	343	227	170	170	27
Perth Amboy, N. J.	172	432	604	377	354	322	201	199	57	57	1
Trenton, N. J.	281	807	1,088	741	684	639	389	214	137	137	6
Auburn, N. Y.	20	192	212	186	186	186	186	186	186	186	4
Newburgh, N. Y.	136	211	347	295	295	295	295	295	295	295	0
Watertown, N. Y.	110	210	320	201	171	171	170	123	66	66	2
Canton, Ohio	77	202	279	308	283	266	187	143	70	70	1
Dayton, Ohio	164	616	780	570	535	506	333	232	156	156	5
Springfield, Ohio	875	875	1,750	966	913	863	506	333	173	173	5
Altoona, Pa.	144	397	541	469	446	404	278	184	98	98	4
Harrisburg, Pa.	189	463	652	506	482	452	314	200	133	133	3
Philadelphia, Pa.	2,188	9,300	11,488	9,733	9,327	8,839	4,753	3,948	2,006	2,006	3
Reading, Pa.	202	579	781	620	582	544	354	242	148	148	2
Williamsport, Pa.	140	292	432	311	286	266	191	129	84	84	1
York, Pa.	155	357	512	418	394	365	242	161	110	110	0
Tacoma, Wash.	778	918	1,696	783	752	722	464	322	215	215	12
Madison, W.V.	14	23	37	222	206	192	132	85	43	43	9

TABLE 40.—Distribution, by age, of pupils in the public schools (elementary and secondary) in certain cities of less than 25,000 population, 1918—GROUP B.

City	Sex	5 years or under	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years or over
Alameda, Calif.	Boys	20	179	206	232	208	197	182	156	147	116	100	77	37	23	6	
	Girls	25	188	178	184	185	212	168	168	180	174	120	88	57	21	2	
Fresno, Calif.	Boys	20	436	407	431	436	348	351	353	287	233	218	173	124	66	62	
	Girls	13	327	410	463	426	372	311	286	265	242	233	109	142	8	38	
San Jose, Calif.	Boys	7	92	87	85	86	96	90	82	69	74	53	35	21	11	2	
	Girls	7	92	87	85	86	96	90	82	69	74	53	35	21	11	2	
Dunsmuir, Conn.	Boys	78	145	137	144	137	133	125	126	85	79	49	39	16	2	0	
	Girls	91	120	148	154	127	136	138	138	87	87	57	46	32	8	0	
Wallingford, Conn.	Boys	20	129	122	99	111	112	93	96	92	87	49	21	13	5	0	
	Girls	20	131	121	110	112	91	91	86	86	72	57	21	12	5	0	
Galesburg, Ill.	Boys	66	135	156	212	212	215	177	177	184	190	118	122	92	16	6	
	Girls	75	175	177	194	229	211	183	187	170	168	135	122	92	16	6	
Waukegan, Ill.	Boys	20	39	64	52	39	60	31	50	43	46	38	17	13	9	0	
	Girls	39	43	50	45	40	41	31	48	46	38	24	17	13	7	0	
Connersville, Ind.	Boys	57	57	51	63	72	67	59	59	53	57	46	45	27	27	2	
	Girls	57	57	51	63	72	67	59	59	53	57	46	45	27	27	2	
East Chicago, Ind.	Boys	1	198	228	258	270	270	181	174	133	143	97	29	14	1	1	
	Girls	1	215	212	197	228	187	153	153	112	112	59	29	14	1	1	
Frankfort, Ind.	Boys	83	101	109	86	85	102	73	73	74	85	89	87	40	3	0	
	Girls	107	107	89	74	61	61	47	47	62	80	87	54	38	20	2	
Quincy, Ind.	Boys	37	62	78	60	61	61	44	44	60	76	75	45	30	12	2	
	Girls	42	62	78	60	61	61	44	44	60	76	75	45	30	12	2	
Kokomo, Ind.	Boys	252	218	220	261	272	225	221	217	238	185	114	71	55	22	4	
	Girls	252	218	220	261	272	225	221	217	238	185	114	71	55	22	4	
Wabash, Ind.	Boys	10	114	74	75	81	73	63	63	81	68	31	37	9	4	1	
	Girls	13	115	85	72	89	74	88	103	83	57	48	42	15	2	0	
Kennett, Iowa	Boys	56	100	109	110	122	109	105	119	98	87	73	50	21	10	3	
	Girls	56	100	109	110	122	109	105	119	98	87	73	50	21	10	3	
Marshalltown, Iowa	Boys	42	151	137	144	133	137	116	126	106	90	72	66	29	9	1	
	Girls	42	151	137	144	133	137	116	126	106	90	72	66	29	9	1	
Ottumwa, Iowa	Boys	39	157	215	248	247	226	221	223	213	206	152	90	41	25	5	
	Girls	64	170	211	252	252	207	202	202	187	216	192	83	75	48	9	
DeQueen, Mass.	Boys	77	104	125	138	111	123	96	109	109	90	71	29	22	14	0	
	Girls	77	104	125	138	111	123	96	109	109	90	71	29	22	14	0	
Gardner, Mass.	Boys	80	148	130	132	145	121	101	101	69	59	59	35	30	16	2	
	Girls	80	148	130	132	145	121	101	101	69	59	59	35	30	16	2	
Medford, Mass.	Boys	15	266	317	319	300	260	264	266	296	200	217	150	104	39	10	
	Girls	15	266	317	319	300	260	264	266	296	200	217	150	104	39	10	
Waketield, Mass.	Boys	53	147	118	108	101	117	118	106	94	82	65	42	31	8	2	
	Girls	53	134	125	128	114	103	106	120	111	111	83	62	49	11	1	

Winchester, Mass.	Boys	78	63	80	73	95	72	100	71	41	35	20	9	6	1
Winthrop, Mass.	Girls	125	52	99	76	69	45	82	78	50	55	11	25	10	1
	Boys	122	79	119	131	177	107	107	104	80	73	57	24	10	3
	Girls	40	54	54	46	39	55	50	46	20	20	19	13	3	1
Charlevoix, Mich.	Boys	173	53	104	114	89	85	96	88	61	40	19	13	4	2
	Girls	123	163	117	139	108	92	80	91	72	21	33	17	2	0
Iron Mountain, Mich.	Boys	130	114	105	116	119	107	80	110	92	62	45	22	5	1
	Girls	109	137	118	118	131	107	136	116	120	60	33	16	5	7
Sault Ste. Marie, Mich.	Boys	219	245	226	233	227	209	207	128	125	72	72	15	15	8
	Girls	239	265	232	278	209	213	173	150	128	08	66	28	15	8
Great Falls, Mont.	Boys	121	119	134	136	121	121	128	120	72	39	75	11	11	1
	Girls	143	133	122	145	116	117	136	120	99	58	50	15	5	1
Bridgeton, N. J.	Boys	221	201	220	197	205	176	188	133	88	35	27	7	1	0
	Girls	200	205	213	211	191	217	187	144	100	37	25	12	2	2
Kearny, N. J.	Boys	184	218	229	216	184	173	177	159	135	39	28	19	9	8
	Girls	242	225	221	212	183	180	173	170	122	53	74	31	9	3
Painfield, N. J.	Boys	149	170	192	171	176	177	127	89	59	29	27	13	0	3
	Girls	185	177	185	171	177	117	125	86	49	26	28	18	3	1
Vineland, N. J.	Boys	182	177	185	171	177	117	120	86	49	26	28	18	3	1
	Girls	154	154	156	170	172	131	110	101	51	41	11	11	1	0
West Orange, N. J.	Boys	328	352	329	320	320	311	274	245	261	79	53	32	3	2
	Girls	312	302	324	319	324	273	270	250	210	88	61	32	3	2
New Rochelle, N. Y.	Boys	134	168	206	156	151	154	149	136	125	67	38	15	3	3
	Girls	141	154	181	159	156	133	149	138	98	66	34	17	7	3
White Plains, N. Y.	Boys	91	95	100	110	101	106	99	75	82	58	34	17	4	6
	Girls	100	98	116	110	101	106	102	82	40	61	39	11	1	1
McAfee, Ohio	Boys	91	64	107	96	74	82	75	43	49	31	28	12	3	1
	Girls	94	67	105	99	74	107	88	57	54	45	45	26	3	1
Clearfield, Pa.	Boys	115	125	121	132	115	104	102	121	104	50	16	33	3	2
	Girls	96	90	114	111	130	130	84	117	90	14	35	21	0	0
Donora, Pa.	Boys	171	172	139	144	170	138	147	128	62	43	18	16	3	2
	Girls	165	143	121	172	170	114	128	147	128	40	27	7	8	0
Hannestad, Pa.	Boys	101	107	191	178	188	184	183	131	107	57	37	18	6	4
	Girls	137	131	159	173	181	151	202	184	103	91	60	15	3	3



TABLE 41.—Number of pupils of normal age, of more than normal age, and of less than normal age for their respective grades in certain cities of 25,000 population and over, 1919.—GROUP A.

Cities.	Sex.	Total, all ages.	Largest age group.	Age of largest group.	Of normal age.	Over age.					Under age.			Totals
						1 year.	2 years.	3 years.	4 years.	5 years or more.	Total.	1 year.	2 years or more.	
Aurora (east side), Ill.	Boys.....	1,317	153	7	948	130	48	11	11	5	195	159	15	174
	Girls.....	1,238	136	6	1,102	79	19	11	11	1	111	210	21	231
Chicago, Ill.	Boys.....	161,583	21,180	6	140,403	17,310	6,880	2,270	782	782	27,404	19,284	1,463	20,747
	Girls.....	159,470	20,327	6	139,143	14,092	5,166	1,079	580	580	21,763	22,437	1,831	23,268
Deerfield, Ill.	Boys.....	1,808	184	6	1,624	267	149	45	16	15	423	108	3	111
	Girls.....	1,870	183	14	1,687	262	113	45	16	16	423	108	3	111
Decatur, Ill.	Boys.....	3,316	433	7	2,883	287	98	24	9	2	418	382	41	540
	Girls.....	3,278	433	7	2,845	287	98	24	9	2	418	382	41	540
Quincy, Ill.	Boys.....	2,722	269	9	2,453	317	157	58	11	8	532	180	19	199
	Girls.....	2,722	269	9	2,453	317	157	58	11	8	532	180	19	199
Rockford, Ill.	Boys.....	4,402	426	8	3,976	533	184	59	17	4	797	684	53	711
	Girls.....	4,402	426	8	3,976	533	184	59	17	4	797	684	53	711
Springfield, Ill.	Boys.....	4,563	501	7	4,062	704	285	86	27	12	1,014	470	9	479
	Girls.....	4,765	455	7	4,310	871	285	49	23	7	3,444	905	11	316
Kansas City, Kans.	Boys.....	7,701	840	12	6,861	1,090	871	389	146	71	3,107	284	10	304
	Girls.....	8,072	899	12	7,173	1,091	746	287	119	55	2,798	370	10	307
Wichita, Kans.	Boys.....	5,989	633	11	5,356	941	614	247	67	28	1,797	453	33	456
	Girls.....	5,066	563	11	4,503	907	430	156	43	20	1,494	327	33	380
Covington, Ky.	Boys.....	3,001	355	13	2,646	371	144	51	19	10	787	217	57	274
	Girls.....	3,001	355	13	2,646	371	144	51	19	10	787	217	57	274
Louisville, Ky.	Boys.....	14,487	1,454	9	13,033	2,752	1,443	701	356	198	5,454	636	45	777
	Girls.....	15,178	1,862	9	13,316	2,706	1,288	589	254	152	4,989	682	45	777
Yad River, Mass.	Boys.....	7,413	821	12	6,592	845	459	172	49	9	1,583	1,947	236	2,183
	Girls.....	7,271	821	12	6,450	845	459	172	49	9	1,512	2,065	316	2,401
New Bedford, Mass.	Boys.....	7,576	925	10	6,651	1,250	691	302	120	26	2,389	431	33	464
	Girls.....	7,576	925	10	6,651	1,250	691	302	120	26	2,389	431	33	464
Quincy, Mass.	Boys.....	3,594	435	7	3,159	1,245	372	228	88	18	2,169	487	25	518
	Girls.....	3,594	435	7	3,159	1,245	372	228	88	18	2,169	487	25	518
Battle Creek, Mich.	Boys.....	2,531	272	10	2,259	219	48	9	1	3	950	506	19	525
	Girls.....	2,783	284	10	2,499	217	56	11	1	3	950	506	19	525
Bay City, Mich.	Boys.....	2,917	332	10	2,585	497	237	86	38	7	741	119	6	89
	Girls.....	2,917	332	10	2,585	497	237	86	38	7	741	119	6	89
Grand Rapids, Mich.	Boys.....	7,089	782	13	6,307	1,177	365	91	33	6	1,092	628	29	537
	Girls.....	8,280	805	8	7,475	1,018	341	82	10	18	1,475	172	49	332
Beginnaw (east side), Mich.	Boys.....	2,230	233	6	1,997	237	111	35	6	3	317	345	21	376
	Girls.....	2,231	233	6	1,998	237	111	35	6	3	317	345	21	376

City	Boys	Girls	Total	Teachers	Salaries	Expenses	Income	Books	Supplies	Other
Laurens, Minn.	159	221	380	2	2,416	9,578	2,562	7,337	352	
Minneapolis, Minn.	2,426	2,426	4,852	517	1,324	15,731	2,351	24,733	552	
St. Louis, Mo.	3,197	3,197	6,394	23	2,071	17,257	4,323	27,371	2,351	
East Orange, N. J.	10	10	20	3	3,205	10,490	4,434	15,119	382	
Hoboken, N. J.	8	8	16	3	3,100	9,992	4,089	14,081	600	
Orange, N. J.	231	231	462	11	1,401	3,187	1,273	4,468	277	
Pasaic, N. J.	11	11	22	7	3,295	9,980	4,140	14,120	586	
Paterson, N. J.	12	12	24	10	6,095	19,310	7,734	28,044	1,015	
Perth Amboy, N. J.	7	7	14	7	2,246	6,710	2,811	9,521	470	
Trenton, N. J.	10	10	20	7	3,409	9,188	3,890	13,077	860	
Amherst, N. Y.	10	10	20	3	1,840	5,399	2,220	7,619	220	
Newburgh, N. Y.	10	10	20	8	1,251	3,584	1,321	4,905	229	
Watertown, N. Y.	11	11	22	10	1,628	4,840	1,773	6,611	332	
Watertown, N. Y.	9	9	18	9	1,864	5,365	1,911	7,276	611	
Canton, Ohio	7	7	14	7	4,005	11,611	4,858	16,469	559	
Dayton, Ohio	8	8	16	8	5,270	15,161	5,792	20,953	976	
Springfield, Ohio	8	8	16	8	5,199	14,665	5,161	19,825	1,000	
Altoona, Pa.	10	10	20	10	3,062	8,792	3,380	12,172	485	
Harrisburg, Pa.	10	10	20	10	2,494	7,142	2,644	9,786	502	
Philadelphia, Pa.	10	10	20	10	2,742	8,157	2,836	11,093	438	
Reading, Pa.	10	10	20	10	3,252	9,777	3,520	13,297	585	
Williamsport, Pa.	11	11	22	11	3,758	11,065	4,000	15,065	620	
York, Pa.	10	10	20	10	3,245	9,541	3,415	12,956	503	
Tacoma, Wash.	10	10	20	10	843	2,343	867	3,210	210	
Madison, Wis.	8	8	16	8	1,865	5,271	1,885	7,146	259	

TABLE 42.—Number of pupils of normal age, and of less than normal age, for their respective grades in certain cities of less than 25,000 population, 1918—GROUP B.

Cities.	Sex.	Total, all ages.	Largest age group.	Age of largest group.	Of normal age.	Over age.						Under age.		
						1 year.	2 years.	3 years.	4 years.	5 years or more.	Total.	1 year.	2 years or more.	Total.
Alameda, Calif.	Boys.	2,098	272	9	1,423	279	60	43	10	9	431	235	9	244
	Girls.	2,152	212	11	1,576	215	84	15	6	6	323	247	6	263
Fresno, Calif.	Boys.	4,377	438	9	2,466	893	416	191	84	100	1,684	217	10	227
	Girls.	4,273	463	9	2,567	818	395	167	51	32	1,443	215	18	233
Santa Cruz, Calif.	Boys.	1,688	102	7	985	102	28	9	2	2	139	140	11	151
	Girls.	1,340	133	11	781	104	40	12	1	1	137	384	48	442
Danbury, Conn.	Boys.	1,434	164	8	775	92	21	4	0	0	117	490	62	542
	Girls.	1,019	120	6	683	73	22	14	3	3	117	221	15	238
Wallingford, Conn.	Boys.	1,833	215	11	1,261	234	70	25	3	3	106	235	21	256
	Girls.	2,076	229	10	1,465	198	56	12	2	2	269	297	47	344
Galesburg, Ill.	Boys.	522	64	7	336	59	15	4	2	1	81	94	11	105
	Girls.	548	61	11	292	44	21	7	13	2	87	150	19	169
Miscomb, Ill.	Boys.	765	89	11	554	111	39	16	4	4	170	40	1	41
	Girls.	792	83	7	584	80	33	11	1	1	126	52	0	52
Connersville, Ind.	Boys.	1,845	258	9	1,241	246	101	33	14	9	403	177	24	201
	Girls.	1,780	242	8	1,273	195	79	20	7	4	305	180	22	202
East Chicago, Ind.	Boys.	982	109	8	699	168	52	9	1	0	230	33	0	33
	Girls.	1,012	107	11	801	109	37	9	2	3	160	48	3	51
Frankfort, Ind.	Boys.	738	84	10	616	112	44	10	5	5	166	12	12	178
	Girls.	2,429	217	10	1,891	357	131	72	23	0	533	9	8	100
Keokuk, Ind.	Boys.	2,791	114	10	1,891	357	131	53	12	0	132	104	4	135
	Girls.	897	115	6	635	61	23	9	2	2	131	131	8	139
Wabash, Ind.	Boys.	1,217	125	7	726	140	17	29	6	1	95	164	13	177
	Girls.	1,190	132	10	696	137	68	24	5	4	219	232	10	242
Keokuk, Iowa.	Boys.	1,391	151	6	854	218	111	40	15	7	236	251	7	258
	Girls.	1,443	146	10	939	179	70	11	15	8	391	143	3	146
Marshalltown, Iowa.	Boys.	2,372	248	8	1,476	390	157	58	16	5	616	219	2	221
	Girls.	2,481	262	9	1,542	353	133	31	11	0	528	363	14	280
Ottumwa, Iowa.	Boys.	1,167	132	8	655	60	5	5	1	1	65	390	57	447
	Girls.	1,254	138	8	709	60	17	9	4	1	77	424	51	475
Deetham, Mass.	Boys.	1,216	145	9	682	103	52	17	8	4	169	354	11	365
	Girls.	1,265	148	6	733	79	17	8	2	0	106	393	33	394

Medford, Mass.	Boys	3,169	2,426	360	128	19	2	1	508	233	2	235
	Girls	3,213	2,785	362	53	22	4	4	475	290	18	308
Wahnefeld, Mass.	Boys	1,201	830	147	73	10	0	0	169	109	18	287
	Girls	1,244	820	131	71	4	0	0	169	109	18	287
Winchester, Mass.	Boys	818	627	95	29	15	2	2	121	77	3	90
	Girls	850	627	62	25	17	2	2	133	74	4	78
Winthrop, Mass.	Boys	1,275	907	137	35	7	3	3	126	75	17	169
	Girls	1,575	907	84	27	8	3	3	126	75	17	169
Charboygan, Mich.	Boys	605	301	87	45	15	7	7	166	102	6	108
	Girls	605	343	79	45	15	4	4	148	103	11	114
Iron Mountain, Mich.	Boys	1,139	792	143	75	22	6	6	246	104	7	111
	Girls	1,198	861	156	46	16	4	4	224	102	11	113
Sault Ste. Marie, Mich.	Boys	1,153	813	144	57	23	5	5	231	107	2	109
	Girls	1,314	912	180	46	26	7	7	260	135	7	142
Great Falls, Mont.	Boys	2,277	1,494	363	163	42	19	19	592	154	7	191
	Girls	2,334	1,615	312	129	41	9	9	483	219	7	226
Bridgeton, N. J.	Boys	1,346	790	147	72	28	8	8	255	342	39	391
	Girls	1,461	783	136	58	24	8	8	228	432	40	472
Kearny, N. J.	Boys	2,042	1,577	222	96	21	11	11	354	340	32	372
	Girls	2,042	1,577	222	96	21	11	11	318	414	53	467
Plainfield, N. J.	Boys	2,118	1,523	265	136	38	12	12	472	286	27	323
	Girls	2,214	1,390	277	128	51	14	14	333	353	29	353
Vineland, N. J.	Boys	1,661	970	317	139	43	19	19	323	180	8	186
	Girls	1,703	1,033	240	73	42	11	11	419	238	13	251
West Orange, N. J.	Boys	1,238	759	190	75	23	11	11	290	169	10	179
	Girls	1,295	856	141	55	23	11	11	290	169	10	179
New Rochelle, N. Y.	Boys	3,028	2,028	365	141	39	19	19	526	508	32	500
	Girls	2,873	1,748	322	134	64	19	19	489	508	32	500
White Plains, N. Y.	Boys	1,638	947	323	137	55	20	20	537	139	15	154
	Girls	1,532	833	293	107	37	20	20	467	115	17	132
McAlester, Okla.	Boys	1,064	643	188	86	39	18	18	339	71	11	90
	Girls	1,117	669	198	96	39	18	18	358	78	12	92
Clearfield, Pa.	Boys	963	620	76	28	12	2	2	120	118	5	123
	Girls	963	620	76	28	12	2	2	119	118	3	121
Donora, Pa.	Boys	1,220	617	257	198	83	32	32	452	44	0	44
	Girls	1,220	617	257	198	83	32	32	452	44	0	44
Homestead, Pa.	Boys	1,506	892	241	103	34	4	4	406	156	4	160
	Girls	1,506	892	241	103	34	4	4	406	156	4	160
Beloit, Wis.	Boys	1,847	1,133	196	70	21	4	4	311	182	5	187
	Girls	1,847	1,133	196	70	21	4	4	254	427	31	458
									182	510	47	537







TABLE 45.—Number of pupils under age for their respective grades in certain cities of 25,000 population and over, 1918—GROUP A—Continued.

Cities.	Elementary school grades.								High school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Saginaw (east side), Mich.	93	72	71	68	42	51	57	68	72	46	38	21
Duluth, Minn.	11	26	31	54	49	49	51	36	33	25	13	15
Minneapolis, Minn.	345	339	466	528	640	611	623	640	661	483	358	288
St. Louis, Mo.	119	386	484	514	476	492	682	698	765	358	254	177
East Orange, N. J.	125	121	130	134	158	135	237	155	137	147	164	99
Hoboken, N. J.	287	128	100	74	78	67	58	56	59	25	68	60
Orange, N. J.	124	82	80	73	46	50	28	6	20	13	5	12
Passaic, N. J.	118	138	110	146	97	126	82	90	160	103	141	112
Paterson, N. J.	768	387	368	332	381	311	283	311	254	215	131	85
Perth Amboy, N. J.	430	118	89	80	82	103	71	96	54	54	25	25
Trenton, N. J.	603	377	333	258	267	261	253	183	217	160	85	68
Auburn, N. Y.	46	43	38	34	48	42	46	36	90	36	16	12
Newburgh, N. Y.	238	123	88	88	83	80	50	49	67	45	25	17
Watertown, N. Y.	123	135	63	100	72	96	80	42	44	0	20	10
Canton, Ohio	328	238	273	252	237	195	167	131	105	73	37	36
Dayton, Ohio	2	8	29	31	46	35	23	17	21	6	9	0
Springfield, Ohio	301	227	158	154	146	101	81	70	76	80	67	68
Altona, Pa.	267	143	177	181	180	165	173	119	124	65	24	25
Harrisburg, Pa.	4,397	2,314	2,459	1,968	1,838	1,675	1,456	1,400	1,281	75	586	353
Philadelphia, Pa.	390	261	283	314	289	272	208	191	219	152	126	46
Reading, Pa.	290	182	154	104	104	115	105	91	43	12	19	13
Williamsport, Pa.	0	2	11	10	24	24	28	29	5	47	12	11
York, Pa.	0	98	97	138	138	112	114	147	118	96	90	79
Tucoma, Wash.	100	107	95	65	49	71	38	48	19	15	5	12
Madison, Wis.												

TABLE 46.—Number of pupils under age for their respective grades in certain cities of less than 25,000 population, 1918—GROUP B.

Cities.	Elementary school grades.								High school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Alameda, Calif.	43	50	58	63	73	48	48	55	16	17	12	5
Fresno, Calif.	35	28	69	79	74	70	26	25	5	2	6	0
Santa Cruz, Calif.	9	18	52	66	44	41	26	19	82	6	14	6
Danbury, Conn.	108	101	96	93	85	66	54	112	82	61	33	33
Wellington, Conn.	40	77	64	37	40	32	25	31	57	42	33	17
Gatesburg, Ill.	0	4	9	11	98	82	86	81	68	50	51	41
Macomb, Ill.	58	29	29	24	21	24	20	17	24	10	9	9
Connersville, Ind.	0	7	10	5	16	12	8	4	9	5	6	11
East Chicago, Ind.	2	40	37	45	83	51	45	14	22	24	25	15
Frankfort, Ind.	0	9	14	10	12	9	15	8	11	10	4	2
Coshen, Ind.	0	1	13	0	4	3	0	0	0	0	0	0
Cokomo, Ind.	0	7	26	23	24	40	27	11	18	18	9	9
Wabash, Ind.	23	80	22	24	25	19	7	34	11	14	13	40
Kookuk, Iowa	128	71	70	42	32	29	33	27	19	20	12	17
Marshalltown, Iowa	82	56	45	33	23	28	22	26	15	17	7	13
Ottumwa, Iowa	121	58	94	75	114	62	81	29	37	10	7	3
Dedham, Mass.	130	83	77	79	81	97	83	100	77	73	63	19
Gardner, Mass.	182	124	92	82	95	65	22	56	27	23	17	6
Medford, Mass.	21	20	21	50	38	40	53	58	114	57	32	89
Wakefield, Mass.	103	75	50	61	51	50	45	63	61	60	40	12
Winchester, Mass.	3	7	6	6	27	14	14	0	27	13	12	9
Winthrop, Mass.	28	27	30	32	41	67	51	49	44	24	25	19
Cheboygan, Mich.	70	34	19	10	11	29	10	7	12	9	6	5
Iron Mountain, Mich.	11	12	128	29	8	8	2	2	6	5	11	3
Sault Ste. Marie, Mich.	5	4	28	22	35	31	34	19	80	22	10	11
Great Falls, Mont.	63	60	46	64	53	46	30	30	43	11	6	5
Bridgeton, N. J.	158	99	87	56	65	70	78	59	57	45	42	37
Kearny, N. J.	188	87	69	50	88	48	74	49	96	42	33	15
Plainfield, N. J.	118	71	67	89	46	47	53	43	53	40	41	28
Vineland, N. J.	224	18	8	38	37	29	26	21	12	9	10	7
West Orange, N. J.	68	57	35	41	89	46	29	15	23	18	16	11
New Rochelle, N. Y.	147	113	106	73	100	109	63	115	86	148	67	42
White Plains, N. Y.	21	24	13	19	27	13	23	11	48	34	22	31
MoAlister, Okla.	0	2	11	14	11	6	30	36	29	6	13	14
Clearfield, Pa.	87	25	25	25	34	26	13	23	16	8	8	3
Donora, Pa.	0	0	80	13	20	6	13	4	6	4	4	6
Homestead, Pa.	106	47	41	31	17	27	0	8	21	16	16	8
Beloit, Wis.	133	83	96	100	160	86	64	77	97	86	53	40



TABLE 47.—Percentage of pupils under age for their respective grades in certain cities of 25,000 population and over, 1918—GROUP A.

Table with 13 columns: Cities, Elementary school grades (1-8), High school years (1-4). Lists cities like Aurora, Chicago, Danville, etc., with corresponding percentages.

TABLE 48.—Percentage of pupils under age for their respective grades in certain cities of less than 25,000 population, 1918—GROUP B.

Table with 13 columns: Cities, Elementary school grades (1-8), High school years (1-4). Lists cities like Alameda, Fresno, Santa Cruz, etc., with corresponding percentages.





STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

TABLE 51.—Number of pupils over age for their respective grades in certain cities of 25,000 population and over, 1918—GROUP A—Continued.

Cities.	Elementary school grades.								High-school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Perth Amboy, N. J.	200	23	269	334	313	205	79	23	10	13	7	5
Trenton, N. J.	235	808	471	522	478	322	164	84	52	78	48	20
Auburn, N. Y.	46	107	127	116	111	128	106	86	60	52	22	2
Newburgh, N. Y.	93	104	152	194	143	134	77	84	21	9	16	2
Watertown, N. Y.	101	126	170	216	211	197	121	59	14	37	14	16
Canton, Ohio	74	139	194	232	299	238	187	83	68	46	16	29
Dayton, Ohio	56	55	403	622	365	487	381	278	184	140	127	29
Springfield, Ohio	215	241	426	392	465	364	261	164	96	54	51	12
Altoona, Pa.	54	120	181	263	314	306	213	133	46	31	26	16
Harrisburg, Pa.	211	237	244	396	405	884	244	177	90	78	59	44
Philadelphia, Pa.	3,151	5,615	7,799	8,916	8,938	7,071	3,525	1,925	997	657	384	249
Reading, Pa.	133	221	268	429	602	637	112	63	82	52	62	47
Williamsport, Pa.	58	72	110	111	177	144	106	63	85	67	62	58
York, Pa.	234	205	247	359	380	300	204	106	29	20	10	18
Tacoma, Wash.	171	252	345	417	452	396	404	246	192	106	67	29
Madison, Wis.	19	28	69	124	105	83	113	56	91	72	61	59

TABLE 52.—Number of pupils over age for their respective grades in certain cities of less than 25,000 population, 1918—GROUP B.

Cities.	Elementary school grades.								High-school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Alameda, Calif.	31	34	66	87	88	86	86	68	98	50	27	33
Fresno, Calif.	362	280	271	299	334	261	315	205	428	196	119	97
Santa Cruz, Calif.	7	23	32	25	31	33	36	9	32	21	16	18
Danbury, Conn.	22	16	36	53	49	45	18	7	11	5	8	4
Wallingford, Conn.	10	19	35	46	43	32	22	9	4	3	18	1
Galesburg, Ill.	63	56	60	81	53	76	60	60	26	21	18	37
Macomb, Ill.	21	11	15	15	16	30	25	16	8	6	3	2
Connersville, Ind.	15	28	29	42	43	53	26	8	19	14	9	10
East Chicago, Ind.	45	101	107	130	116	91	55	49	13	22	16	8
Frankfort, Ind.	7	23	24	35	43	71	40	30	51	22	16	8
Goshen, Ind.	17	17	40	30	14	37	49	28	20	13	2	2
Kokomo, Ind.	83	124	170	197	206	131	112	55	50	21	27	25
Wabash, Ind.	7	9	24	40	20	58	26	8	16	6	5	15
Keokuk, Iowa	39	88	56	68	68	48	43	27	20	6	7	13
Marshalltown, Iowa	42	46	70	72	111	126	189	112	110	38	37	24
Ottumwa, Iowa	47	88	87	143	143	83	63	60	50	26	28	13
Dedham, Mass.	7	18	13	15	25	28	189	112	110	38	37	24
Gardner, Mass.	15	24	25	68	84	22	15	14	2	1	4	8
Medford, Mass.	62	52	81	83	152	133	113	10	2	18	21	8
Wakefield, Mass.	8	17	17	32	39	18	12	86	108	48	29	36
Winchester, Mass.	15	24	20	24	39	30	27	10	17	10	8	8
Winthrop, Mass.	19	12	27	13	19	25	37	30	23	25	17	10
Cheboygan, Mich.	27	32	40	87	34	52	24	22	19	25	18	19
Iron Mountain, Mich.	27	35	62	55	48	72	66	13	45	16	11	5
Sault Ste. Marie, Mich.	36	52	53	63	51	62	69	41	22	17	12	5
Great Falls, Mont.	94	89	93	96	147	129	113	62	149	51	13	12
Bridgeton, N. J.	27	51	78	66	84	63	54	20	18	7	10	17
Keary, N. J.	53	55	89	97	150	85	58	32	25	18	10	5
Plainfield, N. J.	73	97	128	138	136	125	68	55	45	44	21	13
Vineland, N. J.	153	143	113	160	135	92	41	32	27	20	12	5
West Orange, N. J.	33	35	45	79	92	104	82	23	11	6	4	6
New Rochelle, N. Y.	61	121	124	171	166	103	90	56	72	16	37	5
White Plains, N. Y.	104	163	123	143	125	86	95	53	56	26	20	10
McAlester, Okla.	68	74	88	88	69	100	81	38	50	30	8	4
Clearfield, Pa.	21	48	86	88	27	15	19	5	7	28	16	11
Doners, Pa.	79	89	106	151	174	150	104	87	25	8	88	6
Homestead, Pa.	36	61	112	158	141	88	54	25	20	12	8	2
Beloit, Wis.	38	44	60	49	77	51	37	39	15	7	7	12











TABLE 54.—Percentage relation between the largest age group and the number found in each grade in certain cities having less than 25,000 population, 1918—GROUP B—Con.

Cities.	Sex.	Date.	Largest age group.	Elementary school grades.								High-school years.			
				1	2	3	4	5	6	7	8	1	2	3	4
White Plains, N. Y.	Boys.	1908	120	86	94	102	101	79	71	47	37	39	24	18	9
	Girls.	1918	206	110	124	87	83	89	66	63	42	57	33	23	17
McAlester, Okla.	Boys.	1908	183	98	107	106	114	90	89	70	51	67	33	28	25
	Girls.	1918	63	221	151	161	121	74	89	35	51	44	13	7	6
Clearfield, Pa.	Boys.	1908	109	184	91	104	108	80	91	99	69	67	38	22	15
	Girls.	1918	61	205	128	148	101	82	95	64	58	35	32	19	19
Donora, Pa.	Boys.	1908	116	174	97	109	109	85	87	90	68	70	44	26	15
	Girls.	1918	86	238	158	165	144	94	94	49	47	44	28	15	7
Homestead, Pa.	Boys.	1908	107	111	104	87	84	83	72	54	67	64	37	28	16
	Girls.	1918	73	100	121	84	91	141	71	45	44	49	34	12	15
Beloit, Wis.	Boys.	1908	107	117	107	83	84	85	77	78	67	93	50	52	35
	Girls.	1918	70	198	114	98	119	80	67	23	13	11	7	3	1
Homestead, Pa.	Boys.	1908	132	156	114	101	117	115	105	74	61	27	17	21	17
	Girls.	1918	81	197	93	87	96	72	40	35	14	20	13	9	1
Beloit, Wis.	Boys.	1908	136	136	96	115	125	117	83	73	62	26	15	33	13
	Girls.	1918	112	144	144	119	94	83	83	49	34	32	25	14	8
Beloit, Wis.	Boys.	1908	172	151	142	110	131	98	76	57	31	67	37	13	10
	Girls.	1918	121	175	110	104	76	54	57	40	31	49	18	12	18
Beloit, Wis.	Boys.	1908	127	148	104	115	114	108	111	81	68	51	18	23	14
	Girls.	1918	191	125	107	109	103	108	91	73	72	80	47	29	24
Beloit, Wis.	Boys.	1908	126	147	111	129	102	104	96	79	60	84	33	40	32
	Girls.	1918	202	101	79	98	91	98	85	81	77	68	54	40	44

TABLE 55.—Distribution of cities according to value of school properties per pupil enrolled, 1917-18.

Average value of school properties.	Group I.	Group II.	Group III.	Group IV.	Group V.	Total.	Per cent of all cities reporting.
1	2	3	4	5	6	7	8
80-89					3	3	0.2
20-29			2	4	16	22	1.4
40-49	2	2	9	28	39	80	5.2
60-69	1	7	19	45	64	139	9.2
80-89	3	3	25	57	80	171	11.3
100-119	2	18	54	58	80	212	14.0
120-139	8	14	53	78	54	205	13.5
140-159	8	34	48	55	43	186	12.3
160-179	8	16	43	36	35	138	9.1
180-199	10	15	37	30	25	117	7.7
200-219	6	13	18	16	14	67	4.1
220-239	2	6	15	24	18	65	4.1
240-259		6	6	10	8	30	2.0
260-279			4	7	12	23	1.5
280-299		1		7	5	13	.8
300-319			3	9	5	17	1.1
320-339			3	2	3	9	.6
340-359			2	3	1	6	.4
360-379				1	1	2	.1
380-399				1	1	2	.1
400-419			2	1	3	6	.6
420-439				1	1	2	.1
440-459				1	2	3	.2
460-479					2	2	.1
480-499			2			2	.1
500-519					2	2	.1
520-539					1	1	.1
<b>Total</b>	<b>60</b>	<b>136</b>	<b>341</b>	<b>474</b>	<b>515</b>	<b>1,515</b>	<b>100.0</b>
Lowest value	60	84.5	132	191	211	611	
First quartile	120	127	199	244	281	971	
Median	180	155	244	324	354	1,257	
Third quartile	240	188	288	377	414	1,507	
Highest value	300	297	400	496	536	2,029	

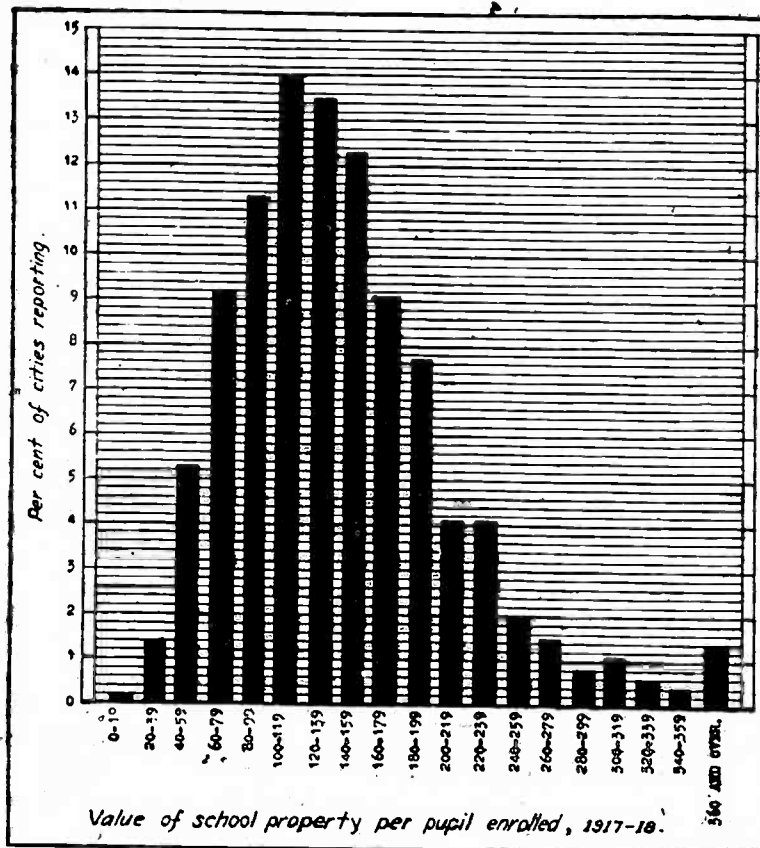


FIG. 32.—Distribution of 1,515 cities according to the value of school property per pupil enrolled, 1917-18.

#### PER CAPITA VALUE OF SCHOOL PROPERTY.

Altogether, 1,515 cities reported the total value of school property and the total number of students enrolled. From these reports the average value of school property for each pupil enrolled has been computed. These averages have been classified in Table 55 according to the size of cities. The combined summary of the distribution has been shown in figure 32, the percentage frequencies of cities being used as ordinates and the value of property per pupil as abscissas. The highest ordinate represents an average value of property varying from \$100 to \$119. The next longest bar stands for the group \$120 to \$139. It is seen, therefore, that over 27 per cent of these cities have from \$100 to \$139 invested in school property for each pupil enrolled. A few cities have an average investment exceeding \$300. On the other hand, a few cities have very low investments, even less than \$60 per pupil.

The middle half of cities of Group I have investments ranging from \$124 to \$191, those of Group II from \$127 to \$188, those of Group III from \$109 to \$180, those of Group IV from \$94 to \$177, and those of Group V from \$81 to \$164, and the middle half of all cities combined from \$96 to \$178. The corresponding medians for these respective groups of cities are 162, 155, 144, 131, 114, and 133. It is seen, therefore, that the larger cities generally have higher average investments per pupil than do the smaller ones. In the report on State school systems the average value of school property for both urban and rural schools was found to be only \$95 per pupil enrolled. The medial value of city school property per pupil exceeds, therefore, the average for the United States by \$38. The corresponding average value for city school systems is \$147, or \$52 more than the corresponding average for State school systems.

#### THE CITY SCHOOL DEBT.

The amount of school bonds outstanding in 1,263 city school systems in 1918 was \$620,133,300. In addition other forms of debt amounted to \$126,908,200, making a total minimum school indebtedness of \$747,041,500. This enormous debt is almost sufficient in amount to pay for maintaining the entire public school system of the United States for one year (\$763,678,089 so spent in 1918) and more than twice the amount necessary for meeting for one year the total current expenses of city schools (\$334,018,175 spent in 1918). If city schools should close for two years, and if the revenue could be used in the amortization of school bonds and other debts, including accruing interest, they could reopen in the fall of 1920 free from all incumbrances. This vast city school debt is more than the corresponding indebtedness reported by the various State officers of education in 1918 (viz, \$469,089,795) for both urban and rural schools combined. This great discrepancy means that all the various State officers have not succeeded in getting complete returns on the existing school debt. This city school debt amounts almost to \$87 per pupil enrolled in school during the year.

To meet the interest on this debt the city school systems must raise annually \$14,635,004 (see Table 82), which seems altogether too small, since this amount is less than 2 per cent interest on the indebtedness. To redeem the school bonds as they become due there is now in the city school sinking funds only \$85,443,100, or 11.4 per cent of the amount necessary to liquidate the debt. In 1918, \$6,469,384 was raised by taxation to redeem accruing bonds, most of which were presumably serial bonds. An additional amount of \$4,938,662 was raised by taxation and transferred to the sinking funds to provide for the amortization of other bonds as they mature. Almost an equal amount, \$4,469,236, was drawn from existing sinking funds to pay

off bonds maturing in 1918. An additional amount of \$5,694,067 was raised by city school systems to redeem short term loans usually negotiated during the preceding school year.

The total amount raised by city school systems for reducing the principal of the school debt during the year was \$17,102,113. At this rate of reduction it would take cities over 43 years to liquidate existing school indebtedness, let alone the new school bonds issued annually. In Table 75 it is found that the total amount of new city school bonds and loans negotiated during the year 1917-18 was \$38,076,320. This sum is more than double the amount of the old school debts paid off during the same time. In other words, city school systems are going into debt more than twice as rapidly as they are getting out.

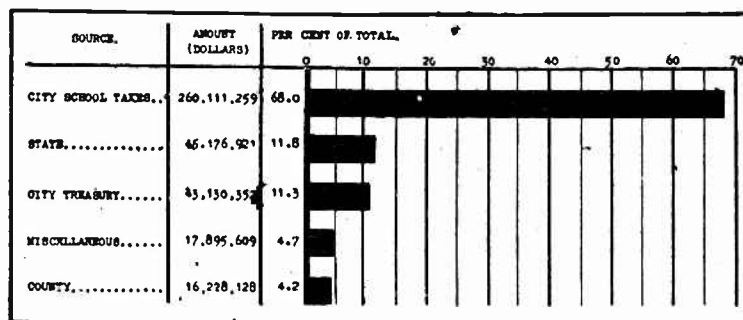


FIG. 33.—Where the city school dollar comes from, 1917-18.

#### WHERE THE CITY SCHOOL DOLLAR COMES FROM.

In figure 33 it is shown that 68 per cent of all school revenue, excluding nonrevenue receipts, comes from city school taxes, 11.8 per cent from the State, 11.3 per cent from the general city treasury, 4.2 per cent from the county, and 4.7 per cent from miscellaneous sources. In some cases nearly all city school revenue is appropriated out of the general city treasury. Whether such money comes from the treasury or from special school taxes, the burden of support rests on the city taxpayer. Combining these two percentages, it is found that 79.8 per cent of the city school revenue comes from the city itself. An additional 4.2 per cent comes from the county, but ordinarily the city pays into the county treasury more than it gets back. Likewise, the city generally contributes in State taxes more than is returned to it in the nature of an appropriation or allotment. It is seen, therefore, that the city taxpayer practically supports his own school system, although the revenue may come through several channels.

The total city school revenue receipts aggregate \$382,542,269, or almost 52 per cent of the total revenue receipts (\$736,876,442) for

**State school systems.** Over half the money raised for public education goes into the city school treasury. This is significant in view of the fact that all city schools register only 8,587,593 children out of the 20,853,516 children enrolled in public schools throughout the entire country, or a little over 41 per cent of the total number. Thus 52 per cent of the school revenue of the Nation is used for 41 per cent of the children.

In addition to the revenue receipts, \$38,076,320 was received from the sale of school bonds and the negotiation of temporary loans and \$1,149,390 from the sale of school property. The revenue and the nonrevenue receipts combined amount to \$421,767,979.

TABLE 56.—Distribution of cities according to the tax rate for all school purposes on the estimated true property value, 1917-18.

Tax rate (mills).	Cities of Group I.	Cities of Group II.	Cities of Group III.	Cities of Group IV.	Cities of Group V.	Total.	Per cent. of all cities reporting.
1	2	3	4	5	6	7	8
0-0.99				1	1	5	0.4
1.00-1.99		5	6	5	9	5	1.9
2.00-2.99	6	6	21	25	34	92	6.9
3.00-3.99	13	14	33	47	36	143	10.8
4.00-4.99	12	22	46	60	39	187	14.1
5.00-5.99	14	28	60	62	47	206	15.5
6.00-6.99	1	26	43	63	56	188	14.1
7.00-7.99	3	27	34	62	31	141	10.6
8.00-8.99	1	15	27	37	35	115	8.7
9.00-9.99	1	4	17	44	28	94	7.1
10.00-10.99		3	10	21	12	46	3.5
11.00-11.99		7	8	5	12	26	2.0
12.00-12.99			2	4	13	19	1.4
13.00-13.99			3	4	8	15	1.1
14.00-14.99		1			2	3	.2
15.00-15.99			2	2	3	7	.5
16.00-16.99			1	1	2	4	.3
17.00-17.99			2			2	.1
18.00-18.99			1	1		2	.1
19.00-19.99				2		2	.1
20.00-20.99				2	2	4	.3
21.00-21.99			1	1		2	.1
22.00-22.99			1			1	.1
23.00-23.99						1	.1
24.00-24.99						1	.1
25.00-25.99						1	.1
26.00-26.99						1	.1
27.00-27.99						1	.1
Total	51	140	327	442	370	1,330	100.0

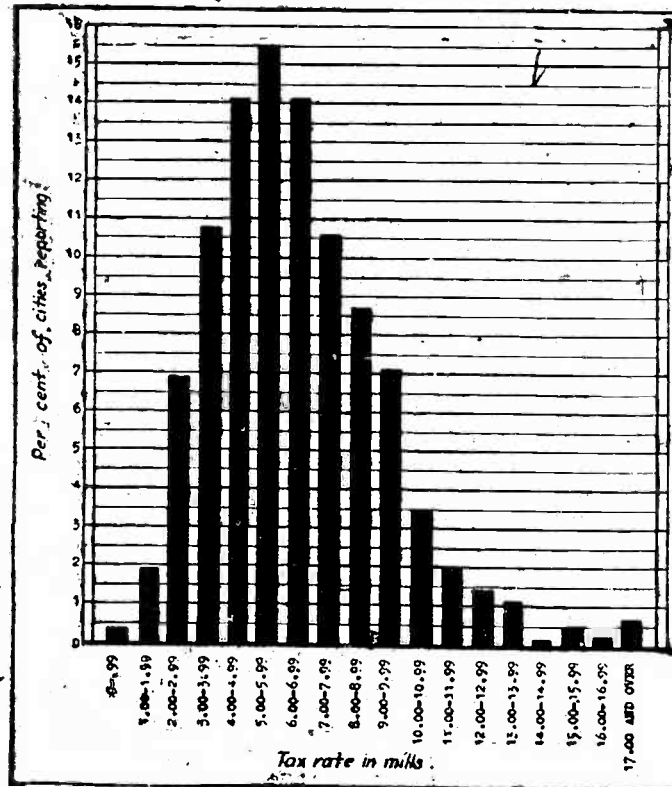


FIG. 31.—Tax rate in mills on the dollar in 1,330 city school systems as computed on the estimated true value of all taxable property, 1917-18.

CITY SCHOOL TAX RATES.

An attempt has been made in this chapter to ascertain on a comparable basis a grouping of tax rates which will characterize city school practices in raising school revenue. The business agent for each city was asked to give the tax rate authorized by the board of education for raising the necessary money to meet the current expenses of maintaining the schools. They were also asked to give the additional rate necessary to provide sinking funds, to meet maturing school bonds, and to construct new buildings. Comparatively a small proportion of cities could separate the total school tax rate into these two parts. Consequently, the studies of tax rates made in this report are based upon the total tax rates reported.

Business agents were also asked to report the assessed valuation of property taxable for school purposes and the per cent that the assessed valuation was of the estimated true property value. The estimates, therefore, appearing in the detailed table were usually supplied by the business agent or the secretary of the board. From these facts the tax rate on the estimated true property value has been computed for 1,330 cities reporting the necessary data. In Table 56 these cities have been distributed by groups according to the computed tax rate. The percentage distribution for all cities combined has been pictured graphically in figure 34. The highest frequency is found to be among cities having a tax rate varying from 5 to 6 mills on the dollar. Almost as many cities have from 4 to 5 mills and from 6 to 7 mills. Unusually high rates prevail in some cities, 134 cities, or about one-tenth of them, having a rate exceeding 10 mills. Only 25 cities have a rate above 15 mills.

In Table 82 an attempt has been made to localize by States the high and low tax rates in cities. These State rates have been computed in the following manner: First secure for each city and for all the cities in the State the amount of money raised by taxation on the assessed value of property. Next ascertain for each city and for all the cities in a State the aggregate estimated true property value. The State tax rate is then secured by dividing the total amount raised by taxation by the estimated true property value. From these tables it is possible to tell which States have relatively low or high tax rates for the support of city schools. The average tax rate thus computed on the estimated true value of taxable property is found to be 5.09 mills on the dollar. In general it is found that the ratio of the assessed property valuation to the true property value is 75 per cent. These figures are based on the reports submitted by 1,330 city school systems. The total assessed valuation of property in these cities is \$44,195,356,000, while the estimated true property value is \$59,081,348,000. The school revenue derived from taxation on this property is \$300,997,090.

#### WHERE THE CITY SCHOOL DOLLAR GOES.

The expenditures for city schools shown in Table 1 have been used in computing the proportion of a dollar going for each function of expense. These percentages are exhibited in figure 35 and are not essentially different from those shown for State school systems (figure 29) in another chapter of this report. In city school systems 63.3 per cent of all expenditures goes for instruction purposes. Omitting "outlays," or the amount spent for new buildings, grounds, and new equipment, it is found that 75 per cent of the current expenses of the average city school system goes for instruction purposes. These larger divisions, general control, instruction, and miscellaneous

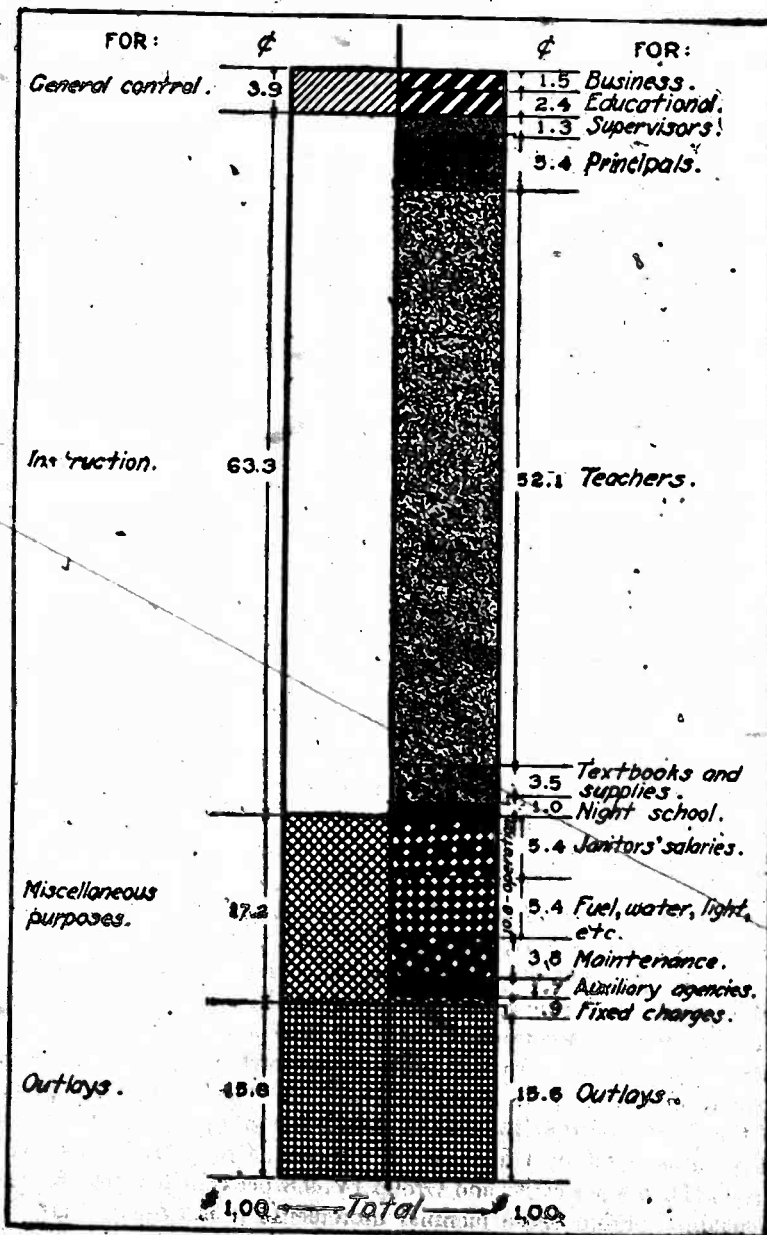


FIG. 25.—Where the city school dollar goes, 1917-18.



expenses shown on the left-hand side of figure 35 are "broken up" to show the corresponding subdivisions on the right-hand side of the diagram. It is seen that 52.1 per cent of the total cost goes for teachers' salaries. "Omitting "outlays," it is found that almost 62 per cent of the total current expenses goes for the salaries of teachers. In a similar manner the other percentages can be translated into current-expense proportions by dividing each of them by 84.4 (\$1 - \$0.156). This diagram is different from the corresponding one appearing in the State report, since it does not include the amount paid out as interest on indebtedness. The inclusion of this item would reduce proportionally all other items represented.

A detailed distribution of expenditures for each group of cities is shown in Table 1. In the first four groups of cities the costs of instruction have been distributed according to the type of school in which the expenditures were incurred and also in accordance with the purpose for which the expense was incurred.

The total cost of maintaining the public schools of the United States is \$763,678,089, while that of city schools is \$410,142,715. From the national school dollar the cities get 53.7 cents and the rural districts 46.3 cents. It is found, therefore, that 53.7 per cent of our school expenditures are incurred for the benefit of 41.2 per cent of the children.

#### PER CAPITA COSTS (ALL CITIES).

The average cost per pupil enrolled in city schools for current expenses and outlays is \$46.06. This average does not include interest on indebtedness, which is properly chargeable to current school costs. Including the amount paid out for this purpose the corresponding per capita is increased to \$47.76. Excluding outlays, but including current expenses and interest, the per capita cost based on enrollment, becomes only \$40.60. The three corresponding average costs when computed for each pupil in average daily attendance increases to \$58.51, \$60.67, and \$51.58, respectively.

A series of per capita costs based on current expenses, excluding interest on indebtedness, has been computed for each group of cities and for all groups combined both for 1916 and 1918 and for each State in Table 102. In the cities of the first group these average costs from 1916 to 1918 increased \$5.25; in the second group, \$6.42; in the third group, \$7.13; and in the fourth group, \$6.61. The cost in the cities of Group I increased 5 per cent; Group II, 7.5 per cent; Group III, 9.5 per cent; and Group IV, 9.8 per cent per year for the biennium. From these biennial increments it is evident that the increased cost of education in city schools has been most pronounced within the smaller cities. It should be noted, however, that the per

capita cost in 1916 in the cities of Group I was \$51.28; in Group II, \$41.46; in Group III, \$37.68; and in Group IV, \$33.90. These figures show that higher per capita costs prevailed in the larger cities than in the smaller cities two years ago. For these four groups in 1918 the averages show similar conditions, \$56.53, \$47.88, \$44.81, and \$40.51 for Groups I, II, III, and IV, respectively. In Group V, however, in 1918 the corresponding per capita is slightly higher (\$41.57) than in the next preceding group of larger cities.

#### EVENING SCHOOLS.

In 1918, only 518 cities having a population of 2,500 and over, maintained night schools. In these schools 16,579 teachers (7,721 men and 8,858 women) were employed. It is seen from these figures that the number of men teaching in night schools is about equal to the number of women. Altogether, 7,133 teachers were employed in elementary night schools; 6,220 teachers, in secondary night schools; 2,348 teachers, in vocational night schools; and 878 teachers, in other schools or undistributed among the preceding types.

In these night schools, 585,413 pupils were enrolled, including 318,234 men and 267,179 women. It is seen herefrom that more men than women attend evening schools. These aggregates for night-school enrollment include 217,908 pupils in elementary schools, 263,383 pupils in secondary schools, 74,094 pupils in vocational schools, and 30,028 pupils in other schools or unclassified as to type of school.

TABLE 57.—Distribution of night schools as to average annual cost per student, 1917-18.

Average cost per student.	Group I.			Group II.			Group III.			Group IV.			Group V.			Total.		
	Elementary.	Second-ary.	School not so di-vided.	Elementary.	Second-ary.	School not so di-vided.	Elementary.	Second-ary.	School not so di-vided.	Elementary.	Second-ary.	School not so di-vided.	Elementary.	Second-ary.	School not so di-vided.	Elementary.	Second-ary.	School not so di-vided.
1	2	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
20-25.00	10	11	12	11	6	16	12	6	23	9	5	15	15	6	16	41	21	71
4-5.00	12	11	13	11	30	62	45	28	87	21	8	34	8	6	10	119	81	214
6-10.00	3	5	10	16	5	19	23	9	35	11	4	20	4	4	3	64	29	96
8-11.00	5	8	12	8	2	7	4	2	18	3	1	9	2	1	19	12	12	33
12-14.00	1	1	1	2	2	2	1	1	1	3	1	2	1	1	2	8	5	14
15-17.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	5
18-20.00	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	5
21-22.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
24-26.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27-29.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30-32.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33-35.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36-38.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	24	30	46	64	46	104	91	51	170	49	21	81	25	10	37	263	158	438
Lowest cost	\$3.00	\$1.50	\$1.07	\$1.14	\$1.70	\$1.07	\$1.30	\$2.00	\$2.00	\$1.42	\$1.00	\$1.55	\$1.13	\$2.45	\$1.13	\$1.13	\$1.06	\$1.07
First quartile	4.90	4.28	4.43	3.48	4.22	3.78	3.42	3.53	3.56	3.02	2.23	3.49	2.27	2.80	2.27	3.04	3.06	3.54
Median	6.18	6.26	6.03	5.41	6.02	5.53	5.66	5.58	5.73	4.93	4.46	5.05	3.94	3.98	3.36	5.23	4.79	4.86
Third quartile	8.44	7.43	7.30	6.52	7.86	6.03	7.07	7.31	7.70	6.43	5.52	6.13	3.72	3.79	3.25	7.33	6.93	6.91
Highest cost	37.55	19.28	24.43	27.75	20.45	19.42	16.06	17.29	33.83	22.22	32.58	19.35	18.46	16.07	18.46	37.55	32.58	33.83

COST OF EVENING SCHOOLS.

An attempt has been made in this report to ascertain the cost of maintaining night schools. The costs analyzed relate only to instruction costs, as no data were available for the other functions of expense, which are usually of minor importance. The cost of instruction in each city has been divided by the corresponding enroll-

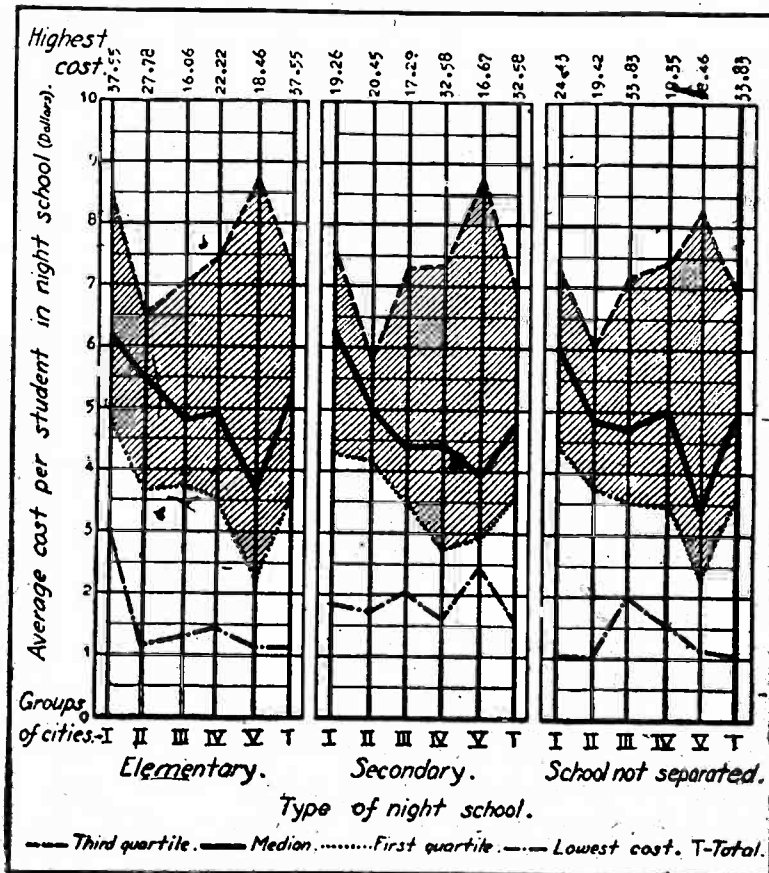


FIG. 36.—Variation in the average cost per student in night schools in the different groups of cities, 1917-18.

ment in night school. Some of the cities separated the elementary night school data from those of the secondary school, while other cities made no such separation. The data had to be ascertained, therefore, in these three forms as shown in Table 57 and in figure 36. The cities of each group have been distributed according to the per capita cost of maintaining night schools. The lowest and highest cost, the median, and the quartiles have been determined for each

group of cities. In the diagram the shaded area denotes the middle half of the cities. Thus for elementary night schools in the cities of Group I the cost on this count varies from \$4.80 to \$8.44 with the median at \$6.18. In other words, half of these cities have a per capita cost ranging from \$4.80 to \$8.44. The lowest cost is \$3.08 and the highest cost is \$37.55. In each section of the diagram the median generally decreases with the size of the cities, i. e., the cost is generally less in smaller than in larger cities. In construing this figure it should be noted that no account has been taken of the number of night school sessions per week, the length of the session, or the length of the night school year. The wide range in night school costs suggests that various practices prevail in the payment of teachers, in the length of the school year, and in the frequency and length of the session. Greater variations from the medians within the "safety" zones are found in small rather than in large cities. This difference shows that night schools have become more or less standardized in the larger cities.

#### KINDERGARTENS IN CITIES.

It is of special interest to ascertain the statistics of kindergartens in cities in so far as data are available. In the cities of the first four groups the statistics for the different types of schools (kindergarten, elementary, etc.) have been completely separated throughout the entire report. All the cities of Group V did not make the classifications desired. In other words, some of these smaller cities reported only aggregate enrollment, teaching staff, etc., without designating either the existence or the magnitude of statistics for kindergartens.

In the cities of 5,000 population and over it is found that 539 cities maintained kindergartens. Among the cities of Group V, only 121 reported the maintenance of kindergartens. The statistics by States for all groups combined are shown in Table 69-B. Altogether, 76 supervisors of kindergartens were reported. In these kindergartens, 8,257 teachers are employed. The total enrollment in these schools is 412,239. This number includes 205,674 boys and 206,565 girls. It is seen from these figures that the boys and girls are about equal in number. These children attended kindergartens an aggregate of 46,716,918 days during the year. The average number attending daily was 220,891. For each 100 enrolled in kindergarten, only 54 attended daily. The irregularity in attendance in these schools constitutes a problem of vital concern. The average length of the school term in kindergartens is 184 days, but the children attended on an average only 99 days. They waste 85 days. The length of the term for each city reporting kindergartens is shown in Table 87.

#### HEALTH AND RECREATION.

Table 71 shows that 505 cities employed school physicians and 465 cities employed school nurses. Altogether, 1,405 physicians and 1,382 nurses were reported. From these figures it is seen that only a

very small proportion of the cities employ physicians and nurses. For the promotion of health 811 cities incurred expenditures amounting to \$1,639,553. Only 254 cities reported anything spent for recreation. The small disbursements for this purpose amount to only \$337,112. It is quite evident that cities in general have not yet given much attention to the physical welfare of the boys and girls. This statement of course is not true for some cities, but for the majority of them it is only too mild. The total amount spent on health and recreation in city schools is only \$1,976,665, or 57 hundredths of 1 per cent of the total current expenses for maintaining the schools. In other words, for each \$10,000 spent on the education of city school children, only \$57 goes for the conservation of health and physical vigor. If all the disbursements for the promotion of health went for the salaries of the school physicians, they would receive on an average only \$1,167 per year. This low average implies that these physicians can only be employed as a general rule for a fractional part of the school term. The implication is still minimized when it is remembered that school nurses are paid out of this small allotment for the promotion of health.

#### TRANSPORTATION OF PUPILS.

For the transportation of pupils, 420 cities reported expenditures amounting to \$880,435. These cities spend on an average \$2,096 for transportation. The other cities reported no expenditures for this purpose.

#### AN ANALYSIS OF CITY SCHOOL EXPENDITURES.

Considerable demand has arisen for a method of analyzing city school expenditures which will show at the same time in graphic form just how much money is being spent for the various purposes, how this expense compares with the corresponding cost in other cities of similar size, and whether such expenditures have been properly distributed. In this study the expenditures of 225 city school systems (45 cities in each of the five groups) have been analyzed. These cities were chosen because they made the distribution of expenditures required for this study and because they are located in all sections of the country. For graphic presentation the number of cities in each group could not well be larger. Further, the cities studied in each group should form a norm for the group as a whole. Only the names of the cities have been printed in the graphs, but the State in which each city is located appears in corresponding tables. The order given in the graphs is the same as that shown in Table 59.

#### THE UNIT OF MEASUREMENT.

In order to reduce the expenditures in each city to a common basis, it has been necessary to adopt some fair standard as a unit of measurement. The average daily attendance in all day schools has

been chosen for this unit. The enrollment in night schools and the cost of instruction in night schools have therefore been excluded from consideration. Unusual expenditures, such as the cost of new buildings, of grounds, and of new equipment, have also been excluded from the study. Thus, only the current expenses of maintaining the schools and the average daily attendance in the same schools have been used in establishing the practice for each group of cities. The length of the school term has not been considered, since little difference on this account exists.

TABLE 58.—Expenditure of 225 city school systems, 1917-18.

## GROUP I (46 CITIES).

City.	Average daily attendance.	Total current expenses (sum of columns 4, 5, 6, 7, 8, and 9).	Total cost of general control.	Total cost of instruction in day schools.	Total cost of operation of plant.	Total cost of maintenance.	Total cost of auxiliary agencies.	Total fixed charges and interest on indebtedness.
1	2	3	4	5	6	7	8	9
Birmingham, Ala.	21,302	\$706,115	\$14,200	\$504,547	\$68,946	\$41,704		\$76,658
Los Angeles, Calif.	65,672	5,070,688	198,829	4,026,597	408,904	122,260	\$103,888	210,410
Oakland, Calif.	26,466	1,669,622	55,223	1,363,111	142,505	37,509	46,376	24,848
San Francisco, Calif.	46,384	2,708,739	82,682	1,981,301	206,275	124,887	39,078	274,516
Denver, Colo.	30,661	1,842,527	93,970	1,432,076	189,524	78,957	12,067	35,033
Bridgeport, Conn.	19,344	808,969	24,206	620,825	113,031	47,463	3,444	
New Haven, Conn.	24,866	1,084,520	28,310	822,413	145,435	56,540	4,147	27,675
Washington, D. C.	47,838	2,861,968	44,906	2,257,223	325,315	160,032	54,028	14,404
Atlanta, Ga.	25,513	802,305	23,025	676,704	57,084	29,392		16,100
Chicago, Ill.	318,118	16,755,332	663,407	12,312,615	2,541,126	789,872	191,131	252,182
Indianapolis, Ind.	33,900	2,134,447	91,642	1,340,177	237,731	101,356	209,278	154,263
Louisville, Ky.	23,825	1,075,754	52,699	813,022	147,896	53,549	2,824	5,864
New Orleans, La.	36,117	1,467,426	115,306	1,197,361	114,784	32,531		7,473
Baltimore, Md.	59,532	2,279,746	65,027	1,876,196	289,501	36,845	592	11,585
Boston, Mass.	102,464	6,858,873	310,392	4,649,041	661,288	311,396	171,714	756,040
Fall River, Mass.	13,827	722,882	22,734	544,801	106,097	41,751	7,499	
Lowell, Mass.	11,066	559,690	13,265	386,016	107,132	11,980	41,207	
Worcester, Mass.	22,745	1,201,517	52,300	916,032	172,640	64,905	15,140	
Detroit, Mich.	84,322	4,437,953	135,543	3,547,376	653,409	84,480	10,197	6,806
Grand Rapids, Mich.	15,632	1,091,322	38,131	788,324	147,374	40,758	11,478	65,257
Minneapolis, Minn.	48,445	2,983,839	97,766	2,284,046	396,756	158,832	39,776	76,674
St. Paul, Minn.	25,515	1,427,476	45,616	991,507	180,753	102,707	30,943	75,950
Kansas City, Mo.	37,126	2,596,617	118,068	1,590,150	319,759	96,322	142,213	832,085
St. Louis, Mo.	81,128	4,678,135	178,967	3,420,827	584,653	331,596	103,023	58,999
Omaha, Nebr.	24,933	1,640,118	80,568	1,101,724	210,947	46,078	23,170	198,631
Jersey City, N. J.	33,736	1,994,151	57,014	1,568,827	254,785	59,952	36,364	17,209
Newark, N. J.	56,997	3,656,916	146,694	2,575,017	323,322	121,769	106,081	867,033
Buffalo, N. Y.	50,658	3,424,132	131,933	2,202,095	448,077	164,863	73,077	404,087
New York, N. Y.	703,807	41,576,397	1,646,166	34,987,182	2,903,363	1,212,002	769,619	58,565
Rochester, N. Y.	28,755	1,732,587	59,006	1,265,900	209,476	34,078	58,244	106,833
Syracuse, N. Y.	19,545	838,487	20,428	642,626	94,916	39,452	24,422	16,643
Cincinnati, Ohio	41,352	2,913,577	81,259	2,047,313	338,045	149,476	23,620	273,964
Cleveland, Ohio	94,167	6,284,322	569,211	3,908,404	758,079	350,209	124,625	653,794
Columbus, Ohio	26,547	1,525,267	34,847	1,120,213	271,104	46,242	34,817	18,034
Portland, Ore.	29,340	2,050,579	125,290	1,578,268	231,349	69,526	6,148	44,998
Philadelphia, Pa.	192,196	9,528,329	362,953	6,913,746	822,205	226,455	300,262	902,708
Pittsburgh, Pa.	68,861	4,914,586	242,872	2,987,388	668,697	426,233	53,003	537,392
Scranton, Pa.	19,807	947,874	42,049	620,247	109,514	71,746	11,228	93,690
Providence, R. I.	29,536	1,604,828	49,451	1,087,464	227,724	100,782	29,254	140,153
Memphis, Tenn.	14,865	861,021	19,562	663,511	65,060	115,337		97,831
Nashville, Tenn.	13,389	466,994	15,834	351,426	80,180	30,246	6,417	12,922
Richmond, Va.	20,230	847,160	20,765	686,016	93,448	26,367	14,811	5,754
Seattle, Wash.	33,905	2,689,194	84,402	1,778,262	279,798	115,862	172,918	287,832
Spokane, Wash.	15,149	1,048,898	27,007	723,915	120,395	42,454	15,698	118,520
Milwaukee, Wis.	48,339	2,928,587	77,508	1,964,659	375,125	237,514	59,895	215,966
Total	2,788,661	161,270,684	6,408,592	120,930,539	17,170,456	6,638,688	3,161,316	6,971,293
Average annual cost per pupil		57.63	2.30	43.86	6.16	2.38	1.13	2.50
Percent of total		100.0	4.0	76.0	10.6	4.1	2.0	4.3

TABLE 58.—Expenditure of 225 city school systems, 1917-18—(Continued).

GROUP II (45 CITIES).

City.	Average daily attendance.	Total current expenses (sum of columns 4, 5, 6, 7, 8, and 9).	Total cost of general control.	Total cost of instruction in day schools.	Total cost of operation of plant.	Total cost of maintenance.	Total cost of auxiliary agencies.	Total fixed charges and interest on indebtedness.
1	2	3	4	5	6	7	8	9
Mobile, Ala.	5,646	\$179,647	\$7,106	\$125,389	\$14,565	\$9,181	\$17,268	\$6,138
Montgomery, Ala.	4,447	119,220	6,750	89,500	12,366	7,095	780	2,129
Little Rock, Ark.	5,325	200,308	8,949	174,663	9,857	2,421	.....	4,418
Berkeley, Calif.	5,326	553,981	11,492	435,553	50,610	26,185	9,685	456
Pasadena, Calif.	5,216	645,016	14,587	496,525	63,847	43,648	11,576	41,798
Hartford, Conn.	17,458	1,141,587	5,357	738,623	160,841	103,782	3,516	115,168
Meriden, Conn.	4,018	237,436	8,499	160,451	28,274	12,258	18,995	759
Savannah, Ga.	9,224	278,256	9,951	235,752	17,774	7,494	.....	8,195
Decatur, Ill.	5,859	269,894	14,319	171,637	34,148	19,397	2,107	28,256
Peoria, Ill.	9,313	506,836	16,428	346,348	89,737	56,781	4,025	32,717
Springfield, Ill.	7,720	480,579	17,563	306,872	65,658	25,537	8,298	40,661
Evansville, Ind.	9,102	498,854	10,812	382,668	66,159	23,782	3,028	12,495
Terre Haute, Ind.	9,955	499,883	14,470	330,120	59,423	19,883	20,122	5,845
Cedar Rapids, Iowa	6,447	358,002	19,097	247,892	62,052	10,394	.....	23,099
Des Moines, Iowa	10,929	1,228,101	32,851	802,687	187,583	49,851	27,157	128,972
Kansas City, Kans.	12,556	682,019	27,396	339,865	87,541	50,147	24,891	32,185
Topaka, Kans.	6,501	415,321	11,145	266,077	51,413	55,235	3,434	28,067
Lexington, Ky.	4,789	183,706	7,589	130,056	25,258	10,132	1,100	10,573
Lynn, Mass.	11,707	578,877	20,332	382,548	93,688	22,695	4,475	49,299
Balam, Mass.	4,495	286,317	9,569	167,768	49,712	15,878	20,457	22,953
Bay City, Mich.	5,861	359,706	15,750	279,000	38,400	16,000	.....	10,550
Duluth, Minn.	9,839	824,717	26,133	214,191	46,208	11,834	19,731	6,630
St. Louis, Mo.	13,714	798,906	25,785	538,963	116,678	22,268	15,024	83,288
Springfield, Mo.	5,966	198,819	8,061	141,055	30,022	14,121	1,840	500
Butte, Mont.	6,945	727,486	59,827	477,678	138,992	34,723	4,474	11,993
Manchester, N. H.	6,388	805,451	10,706	231,726	42,128	3,212	3,651	14,028
Bayonne, N. J.	10,507	722,161	30,429	511,734	68,399	19,348	10,292	82,029
Elizabeth, N. J.	10,147	518,042	18,890	339,260	62,578	32,119	5,178	60,077
Binghamton, N. Y.	6,656	428,887	9,848	296,788	53,285	10,372	10,776	66,710
Utica, N. Y.	19,589	803,038	16,179	396,276	83,787	40,020	14,282	56,544
Charlotte, N. C.	5,368	121,971	6,626	97,984	10,610	3,340	46	2,375
Akron, Ohio	23,863	993,756	8,054	657,996	181,938	61,565	333	133,385
Canton, Ohio	9,500	541,841	14,281	348,851	64,282	15,241	7,685	96,491
Oklahoma, Okla.	11,946	525,297	15,149	343,895	56,732	14,511	3,699	91,310
Altoona, Pa.	8,115	356,219	15,520	240,604	56,787	24,818	3,270	15,240
Wilkes-Barre, Pa.	10,799	518,971	16,484	332,049	63,582	28,510	5,844	67,892
Pawtucket, R. I.	6,900	374,551	14,497	258,527	60,995	37,376	1,000	1,966
Charleston, S. C.	5,282	149,667	5,083	115,413	7,491	7,829	8,777	5,584
Chattanooga, Tenn.	6,150	179,988	6,281	156,796	9,712	784	2,152	1,273
Fort Worth, Tex.	10,842	463,997	25,561	326,710	34,320	5,972	999	60,415
Salt Lake City, Utah	19,665	1,178,086	34,286	842,483	199,489	110,201	1,639	79,670
Roanoke, Va.	6,656	162,020	5,364	135,994	17,129	3,176	430	917
Tacoma, Wash.	12,362	740,529	23,419	519,120	80,220	38,414	14,183	51,265
Wheeling, W. Va.	5,039	288,690	7,045	208,577	32,479	.....	1,599	15,660
Oshkosh, Wis.	4,210	194,378	7,932	137,206	42,774	3,987	.....	1,544
Total.....	401,990	20,936,848	696,660	14,493,100	2,692,854	1,094,326	323,544	1,635,364
Average annual cost per pupil.....	.....	52.09	1.74	36.06	6.70	2.72	0.80	4.07
Per cent of total.....	.....	100.0	3.3	69.2	12.9	5.2	1.6	7.8





TABLE 58.—Expenditure of 225 city school systems, 1917-18—Continued.

GROUP III (45 CITIES).

City.	Average daily attendance.	Total current expenses (sum of columns 4, 5, 6, 7, 8, and 9).	Total cost of general control.	Total cost of instruction in day schools.	Total cost of operation of plant.	Total cost of maintenance.	Total cost of auxiliary agencies.	Total fixed charges and interest on indebtedness.
1	2	3	4	5	6	7	8	9
Heesemer, Ala.	2,524	859,632	82,873	845,852	85,351	85,544		\$212
Phoenix, Ariz.	2,848	135,088	7,660	111,290	13,219	2,958	8242	19,719
Fort Smith, Ark.	4,086	142,320	8,611	110,025	11,481	7,790	379	9,034
Fresno, Calif.	7,315	428,179	11,012	336,266	35,176	11,941	2,572	31,232
Colorado Springs, Colo.	4,452	284,435	17,421	268,611	27,387	5,796	4,290	23,940
Norwalk, Conn.	3,769	156,019	6,541	115,996	20,335	2,163	3,335	7,649
Columbus, Ga.	3,621	103,600	8,785	80,698	7,043	3,517	1,575	1,972
Boise, Idaho	3,060	291,458	17,170	143,226	60,243	27,060	1,544	42,215
Rock Island, Ill.	4,047	197,645	8,808	133,222	29,185	7,975	1,872	16,583
Elkhart, Ind.	3,206	133,149	4,297	87,383	23,848	15,704	542	1,375
Clinton, Iowa	2,390	139,462	5,167	100,710	23,858	6,478	452	2,791
Leavenworth, Kans.	2,126	116,116	6,531	82,320	17,216	4,164	3,393	2,492
Paducah, Ky.	3,238	86,776	5,765	65,432	9,310	4,325	449	1,495
Shreveport, La.	4,431	101,548	6,000	81,995	8,960	1,150	1,830	1,613
Auburn, Me.	2,339	76,320	4,200	56,873	11,225	1,351	2,636	1,035
Cumberland, Md.	2,962	75,471	4,077	56,236	9,980	4,129	40	
Brookline, Mass.	4,036	346,967	11,814	252,615	53,747	20,514	5,431	2,836
Battle Creek, Mich.	5,290	269,404	12,038	179,964	52,265	10,068	10,888	4,161
Mankato, Minn.	1,598	75,969	5,171	52,775	11,146	2,946	2,074	1,857
Jackson, Miss.	3,719	85,071	3,800	59,068	7,793	8,110		6,500
Jackson City, Mo.	1,546	57,780	2,800	36,228	12,436	2,256	334	3,406
Great Falls, Mont.	3,906	291,256	13,992	199,794	43,708	8,622	1,427	24,715
Grand Island, Neb.	2,279	110,060	3,060	78,064	15,564	6,328		6,483
Concord, N. H.	2,351	129,797	6,461	108,304	11,669	4,610	5,634	7,889
Hackensack, N. J.	2,978	247,255	9,317	186,802	25,996	12,678	1,586	36,867
Albuquerque, N. Mex.	2,080	117,460	5,113	78,801	12,686	4,103	3,359	12,396
Ithaca, N. Y.	2,270	114,269	7,780	77,283	17,736	3,344	3,967	4,139
Wilmington, N. C.	2,973	74,229	3,267	57,692	9,564	2,934		742
Fargo, N. Dak.	2,851	178,325	10,217	106,269	44,466	6,063	1,642	10,566
Lorain, Ohio	5,376	350,661	8,704	173,746	86,299	12,372	2,560	23,000
Muskogee, Okla.	4,623	216,156	11,569	136,896	16,227	5,370	8,788	43,279
Salem, Ore.	2,396	141,218	4,000	112,600	12,126	8,074	1,000	8,519
Wilkinsburg, Pa.	8,211	223,946	11,650	136,454	32,070	4,761	1,633	37,378
Newport, R. I.	3,433	188,445	5,639	136,982	22,465	21,327	3,082	
Spartanburg, S. C.	3,228	66,231	3,140	51,614	2,329	2,043	757	6,151
Sioux Falls, S. Dak.	3,010	212,755	12,663	123,460	37,861	11,608	3,705	13,373
Jackson, Tenn.	2,561	52,364	1,800	42,067	5,913	2,014		590
Waco, Tex.	6,297	271,061	15,241	186,610	24,860	11,600	1,200	31,440
Ogden, Utah	5,326	272,426	12,732	216,454	20,511	3,745	1,442	17,242
Burlington, Vt.	2,198	114,819	6,001	78,965	23,222	3,624	1,928	706
Petersburg, Va.	4,086	119,112	8,775	66,020	12,651	2,311	1,855	16,200
Bellingham, Wash.	3,996	245,154	9,140	166,396	22,662	22,114	5,090	20,562
Parkersburg, W. Va.	3,712	216,922	7,965	144,017	27,450	10,036	6,035	21,429
Madison, Wis.	4,969	308,647	9,106	219,180	52,122	11,898	4,356	9,995
Cheyenne, Wyo.	1,392	96,270	3,793	69,114	10,980	7,155	631	5,095
Total	153,267	7,654,128	346,396	5,335,071	902,216	334,994	101,013	543,645
Average annual cost per pupil		49.83	2.26	34.81	6.47	2.18	0.66	3.55
Per cent of total		100.0	4.5	69.7	13.0	4.4	1.3	7.1

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

TABLE 58.—Expenditure of 225 city-school systems, 1917-18—Continued.

GROUP IV (45 CITIES).

City.	Average daily attendance.	Total current expenses (sum of columns 4, 5, 6, 7, 8, and 9).	Total cost of general control.	Total cost of instruction in day schools.	Total cost of operation of plant.	Total cost of maintenance.	Total cost of auxiliary agencies.	Total fixed charges and interest on indebtedness.
1	2	3	4	5	6	7	8	9
Tuscaloosa, Ala.	1,411	\$40,204	\$2,750	\$29,318	\$4,382	\$2,596	\$450	\$718
Hibee, Ariz.	2,267	133,329	3,600	90,076	22,845	14,412	93	2,303
Texasarkans, Ark.	1,107	52,924	3,060	30,990	4,104	3,200	200	11,370
Richmond, Calif.	2,723	174,917	3,378	134,358	9,911	3,381	1,236	22,655
Grand Junction, Colo.	1,638	76,890	2,424	49,041	6,085	4,568		9,772
East Hartford, Conn.	1,979	74,991	2,472	48,991	11,191	3,443	1,955	8,939
Dublin, Ga.	1,101	42,537	2,882	24,655	2,700	350	200	1,750
Pocatello, Idaho	2,012	103,743	5,381	63,402	13,708	2,499	4,666	14,167
Dekalb, Ill.	1,402	65,360	1,425	48,450	12,245	1,025	1,475	740
Crawfordsville, Ind.	1,626	85,132	5,697	57,958	11,262	4,783	1,644	3,918
Osakaola, Iowa	1,770	99,948	2,709	66,706	13,464	6,583	891	10,111
Salina, Kans.	2,283	137,198	5,294	94,839	18,351	4,329	1,988	12,177
Bowling Green, Ky.	1,188	44,879	3,908	31,396	4,669	2,037	100	2,814
La Fayette, La.	1,125	27,355	3,250	17,605	1,500	5,000		
Banford, Me.	1,267	56,804	3,087	35,732	10,051	4,363	2,855	806
Salisbury, Md.	1,397	40,474	1,444	31,421	4,329	1,856	390	834
Braintree, Mass.	1,750	74,836	2,386	53,696	11,812	4,422	2,370	
Iron Mountain, Mich.	2,218	115,162	6,132	72,001	24,079	2,392	3,087	6,461
Eveloth, Minn.	2,119	213,385	12,939	123,487	46,092	5,497	14,856	10,515
Greenville, Miss.	1,690	45,172	2,735	32,006	4,717	588	692	4,780
Carthage, Mo.	2,032	61,743	4,430	39,113	8,890	1,354	318	7,147
KallsPELL, Mont.	867	46,087	3,578	31,521	6,771	1,541	14	2,662
Fremont, Nebr.	1,678	82,911	4,380	56,195	12,619	1,885	728	7,112
Rochester, N. H.	1,170	41,478	2,126	26,657	6,225	905	5,663	
Summit, N. J.	1,270	107,468	6,404	68,697	10,494	6,168	2,457	12,948
Roswell, N. Mex.	1,492	73,837	4,931	43,220	12,675	691	369	11,921
Herkimer, N. Y.	1,525	69,663	4,466	43,742	11,411	2,547	867	6,000
Rocky Mount, N. C.	1,644	42,600	2,942	27,635	3,528	3,195		3,400
Bismarck, N. Dak.	954	49,699	4,169	36,900	4,218			4,512
Wellsville, Ohio	1,381	45,690	3,247	29,118	7,069	827		5,439
Ardmore, Okla.	1,903	75,083	3,563	46,470	6,950	4,235	109	13,767
Eugene, Oreg.	1,697	94,188	4,312	64,519	10,601	3,314	266	10,534
Waynesboro, Pa.	1,642	54,712	4,404	38,893	8,041	2,661	468	5,745
Bristol, R. I.	1,618	57,504	3,186	39,029	11,662	3,004	400	110
Rock Hill, S. C.	948	27,077	2,492	15,589	2,820	1,588	283	4,753
Lead, S. Dak.	1,166	95,119	5,154	57,377	18,908	6,202	367	7,111
Columbia, Tenn.	1,493	26,900	1,900	21,950	3,050			
Fort Arthur, Tex.	3,105	169,978	7,480	96,948	26,529	5,893	4,267	24,581
Logan, Utah	1,679	68,542	4,146	44,851	5,744	8,063	6,918	
Brattleboro, Vt.	815	51,677	904	35,620	5,981	4,436	1,990	2,746
Bristol, Va.	1,037	30,663	2,010	22,890	4,104	1,719	70	570
Vancouver, Wash.	1,510	77,937	2,757	51,891	8,443	1,758	1,859	11,706
Grafton, W. Va.	1,212	52,675	2,370	31,888	6,413	1,975		10,692
Waukegan, Wis.	1,563	78,300	3,976	51,900	11,200	3,005	3,407	2,612
Sberidan, Wyo.	1,678	91,189	4,362	64,173	14,379	6,687	797	651
Total	71,103	3,377,970	175,501	2,224,970	461,984	150,692	67,344	397,479
Average annual cost per pupil		47.51	2.47	31.20	6.50	2.12	0.95	4.18
Per cent of total		100.0	5.2	65.9	13.7	4.4	2.0	8.8

TABLE 58.—Expenditure of 225 city school systems, 1917-18—(continued)

GROUP V—(45 CITIES).

City.	Average daily attendance.	Total current expenses (sum of columns 4, 5, 6, 7, 8, and 9).	Total cost of general control.	Total cost of instruction in day schools.	Total cost of operation of plant.	Total cost of maintenance.	Total cost of auxiliary agencies.	Total fixed charges and interest on indebtedness.
1	2	3	4	5	6	7	8	9
Opelika, Ala.	970	\$17,325	\$1,800	\$13,725	\$1,800			
Clifton, Ariz.	1,223	65,985	4,881	45,084	8,724	773	262	\$6,211
Mena, Ark.	585	10,904	1,357	7,850	490	245		972
Monrovia, Calif.	778	79,896	3,559	53,439	8,077	4,346	967	9,508
Lamar, Colo.	794	40,702	3,312	25,179	6,771	2,628	76	2,738
Milford, Conn.	1,395	43,174	2,743	31,350	4,640	1,498	2,943	
Sanford, Fla.	660	30,440	1,000	15,769	3,661	378	3,405	6,227
East Point, Ga.	962	17,933	1,910	13,665	1,860	500		
Idaho Falls, Idaho	1,360	78,078	4,846	43,904	12,703	1,023	1,092	10,010
Batavia, Ill.	944	48,766	2,359	36,273	8,729	5,884	630	4,891
Winchester, Ind.	960	37,308	2,204	25,184	5,196	1,781	1,767	1,174
Newton, Iowa	1,036	71,724	3,907	41,006	13,340	2,051	179	12,241
Dodge City, Kans.	912	45,111	4,500	29,050	6,986	825	1,250	2,500
Cynthiana, Ky.	539	21,272	3,363	14,574	2,580	450	20	303
Jennings, La.	543	19,474	135	13,740	2,278	918	405	2,000
Millinocket, Me.	724	31,427	1,734	20,909	6,879	906		909
Easton, Md.	692	16,230	1,145	13,215	1,275	345	100	130
Barre, Mass.	526	26,110	1,048	17,822	4,708	634	1,897	
Manistique, Mich.	1,011	58,002	4,423	30,633	13,654	880	1,633	6,779
Thief River Falls, Minn.	1,228	56,631	3,512	35,830	12,067	2,499	585	2,238
Moss Point, Miss.	238	8,668	1,600	6,390	663			
Marshall, Mo.	913	36,780	2,519	25,465	5,346	1,587	630	1,203
Red Lodge, Mont.	906	49,427	3,150	31,377	6,900	1,400	300	300
Alliance, Nebr.	774	38,214	3,200	23,330	8,460	661	425	2,138
Godstown, N. H.	111	8,041	142	5,295	562	269	1,773	
Collingswood, N. J.	1,335	70,720	3,269	47,771	9,271	2,419	97	7,903
Raton, N. Mex.	994	67,418	2,441	48,997	5,433	5,079	662	5,104
Johnson City, N. Y.	1,146	53,721	3,418	33,939	8,450	1,282	508	6,124
Monroe, N. C.	867	18,762	2,970	15,052	730			
Jamestown, N. Dak.	1,001	55,214	4,145	34,891	8,627	824	80	6,647
Medina, Ohio	777	28,974	2,869	19,440	4,252	2,251	21	141
Hobart, Okla.	865	35,023	2,283	20,645	5,376	788	200	5,331
Oregon City, Oreg.	944	43,537	2,778	28,912	5,196	1,424	207	5,033
Stroudsburg, Pa.	792	30,820	2,871	21,833	3,530	679		1,587
East Greenwich, R. I.	405	15,868	445	10,098	1,836	964	2,515	40
Yankton, S. Dak.	869	51,659	4,011	31,940	8,124	2,298	205	5,072
Lenoir City, Tenn.	880	16,073	1,431	10,321	2,971			1,350
Bonham, Tex.	1,006	32,560	2,247	23,958	3,530	1,000	825	1,000
Teague, Tex.	791	18,664	2,379	10,515	1,920	800		3,050
Murray, Utah	981	51,512	4,471	35,712	5,086	1,966	405	3,872
Springfield, Vt.	818	47,699	2,181	28,804	6,675	3,032	6,152	855
Harrisonburg, Va.	1,022	28,044	2,680	20,247	3,913	398	360	566
Ellensburg, Wash.	793	44,771	2,684	29,481	5,073	250	260	6,223
Williamson, W. Va.	763	26,865	1,083	20,157	624	634		4,350
Ripon, Wis.	702	33,069	2,179	20,094	6,422	2,958	534	872
Total.	38,607	1,722,907	117,518	1,128,134	243,722	61,505	34,224	137,804
Average annual cost per pupil.		44.52	3.04	29.15	6.30	1.59	0.83	2.56
Percent of total.		100.0	6.8	65.5	14.1	3.6	2.0	8.0

ACCOUNTING TERMINOLOGY.

In Table 58 the cities have been arranged, for the sake of convenience, in alphabetical order by groups. The average daily attendance in each school system is given in column 2, and the total current expenses in column 3. The total current expenses include the costs of *general control, instruction, operation of plant, maintenance, auxiliary agencies, and fixed charges and interest* shown respectively in columns 4 to 9. These divisions of school expenditures are frequently referred to in this study as "functions of expense." The cost of *general control* includes all administration costs, such as the

salaries and expenses of members of the board of education, business agents, and superintendents. The *cost of instruction* includes the salaries and expenses of principals, supervisors, and teachers, the cost of textbooks, and the cost of supplies used in instruction. Under *operation of plant* are placed the wages of janitors, firemen, and engineers; the cost of fuel, water, power, and light; and the cost of supplies used in keeping the school plant fit for occupancy. *Maintenance* costs represent expenditures for repair work and for replacing outworn furniture, apparatus, etc. *Auxiliary agencies* embrace expenditures for libraries, health, recreation, school lunches, lecture courses, etc. *Fixed charges and interest* include contributions, rents, insurance costs, and the amount paid out as interest on the school debt. The expenditures shown in Table 58 have been assembled from the more detailed tables following later in the report.

In discussing the graphs the curve representing the total cost per pupil is frequently referred to as the basal curve, and those representing the various functions of expense as supplementary curves.

#### AVERAGE COSTS PER PUPIL FOR EACH GROUP OF CITIES.

The average annual expenditures per pupil in average daily attendance for each group of 45 cities is shown at the end of each section of Table 58. Thus, in Group I the average total cost is \$57.83; in Group II, \$52.09; in Group III, \$49.93; in Group IV, \$47.51; and in Group V, \$44.52. From these averages it is seen that the unit expenditure is greatest in the larger cities and least in smaller cities. The unit expenditures, therefore, for maintaining a school system as it works out in practice is in general greater in a large city than in a small one. In the 45 cities of Group I the total cost per pupil, \$57.83, is divided as follows: For general control, \$2.30; for instruction, \$43.36; for operation, \$6.16; for maintenance, \$2.38; for auxiliary agencies, \$1.13; and for fixed charges, \$2.50. In other words, 4 per cent of the expenditures go for general control, 75 per cent for instruction, 10.6 per cent for operation, 4.1 per cent for maintenance, 2 per cent for auxiliary agencies, and 4.3 per cent for fixed charges. Similar average expenditures for each function of expense and similar percentages of distribution have been ascertained for each group of cities in the same table. In general, administrative costs increase with the decreasing size of cities, rising from \$1.74 in Group II to \$3.04 per pupil in Group V. On the other hand, instruction costs increase with the size of cities, rising steadily from \$29.15 in Group V to \$43.36 per pupil in Group I. The size of a city does not seem to exert any decided influence upon the cost of operating the school plant. The upkeep or maintenance expenditures in general are slightly higher in the larger cities. The expenditures for auxiliary agencies and fixed charges do not seem to be dependent upon the size of city. Because of the difference in administrative and instruction expenditures in large and small cities, it becomes necessary to treat the finances of each group of cities separately.

Table 50—Analysis of the average expenses per student in average daily attendance in 225 city school systems, 1917-18.

City	Cost of general fund			Cost of operation of plant			Cost of maintenance			Cost of auxiliary agencies			Fixed charges and life interest in land and tenement		
	Amount	Ratio to average	Geometrical deviation from local cost ratio	Amount	Ratio to average	Geometrical deviation from local cost ratio	Amount	Ratio to average	Geometrical deviation from local cost ratio	Amount	Ratio to average	Geometrical deviation from local cost ratio	Amount	Ratio to average	Geometrical deviation from local cost ratio
Los Angeles, Calif.	77.21	1.24	0.88	42.25	1.24	0.94	33.43	1.44	1.05	1.05	1.40	2.72	28.48	3.40	2.45
Chicago, Ill.	71.77	1.20	0.81	9.71	1.05	1.28	6.18	2.69	2.11	1.77	0.68	1.04	2.80	3.12	2.14
Cleveland, Ohio	70.46	1.19	0.82	3.17	1.32	1.09	2.69	1.00	1.25	3.27	0.50	0.36	2.83	3.18	2.17
Portland, Ore.	68.88	1.31	0.95	3.29	1.38	1.18	2.89	1.00	1.14	2.91	0.50	0.36	3.93	3.59	2.56
Grand Rapids, Mich.	68.28	1.31	0.95	3.29	1.38	1.18	2.89	1.00	1.14	2.91	0.50	0.36	4.16	3.61	2.60
Baltimore, Md.	67.04	1.19	0.82	7.95	1.20	1.28	2.80	1.18	1.17	4.44	1.27	1.08	7.93	3.15	2.69
Philadelphia, Pa.	67.04	1.19	0.82	8.45	1.05	0.91	3.04	1.27	1.20	3.73	1.28	1.20	7.99	3.15	2.72
St. Louis, Mo.	66.48	1.18	0.81	8.45	1.05	0.91	3.04	1.27	1.20	3.73	1.28	1.20	8.84	3.35	2.84
St. Paul, Minn.	65.73	1.14	0.78	2.46	1.37	1.09	2.73	1.06	1.36	1.82	1.17	1.09	7.87	2.95	2.64
Albany, N. Y.	64.21	1.11	0.80	7.01	1.14	0.90	2.14	0.90	1.20	1.86	1.03	1.49	6.78	2.79	2.45
Buffalo, N. Y.	64.21	1.11	0.80	4.67	0.92	0.90	3.38	0.87	1.06	2.94	1.26	1.43	6.94	2.79	2.45
San Francisco, Calif.	63.98	1.09	0.79	8.19	1.33	1.06	2.94	1.26	1.16	3.24	1.35	1.20	9.94	3.58	3.00
Seattle, Wash.	63.98	1.09	0.79	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
Portland, Ore.	62.99	1.07	0.78	8.19	1.33	1.06	2.94	1.26	1.16	3.24	1.35	1.20	4.55	1.82	1.67
St. Paul, Minn.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
St. Louis, Mo.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
St. Paul, Minn.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
St. Paul, Minn.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
St. Paul, Minn.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
St. Paul, Minn.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
St. Paul, Minn.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
St. Paul, Minn.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
St. Paul, Minn.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
St. Paul, Minn.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67
St. Paul, Minn.	62.99	1.07	0.78	7.78	1.28	1.20	3.24	1.35	1.20	3.24	1.35	1.20	4.55	1.82	1.67

Memphis, Tenn.	57.91	1.00	1.31	57	37.01	87	87	87	71	71	7.70	3.20	3.20	1.79	1.27	1.12	0.50	2.03
St. Louis, Mo.	57.69	1.00	2.25	84	42.17	97	97	97	1.17	1.17	1.17	1.72	1.72	1.72	1.31	1.12	0.50	2.03
St. Paul, Minn.	57.68	1.00	1.75	71	42.24	94	94	94	1.08	1.08	1.08	1.72	1.72	1.72	1.17	1.12	0.50	2.03
Providence, R. I.	57.53	0.94	1.44	78	34.80	83	83	83	1.13	1.13	1.13	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Worcester, Mass.	57.52	0.91	1.44	81	35.71	91	91	91	1.08	1.08	1.08	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Chicago, Ill.	57.52	0.91	2.10	80	36.40	91	91	91	1.07	1.07	1.07	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Fort Worth, Texas	57.50	0.90	1.60	79	41.77	94	94	94	1.04	1.04	1.04	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Detroit, Mich.	57.50	0.87	1.21	83	34.88	83	83	83	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Avondale, Minn.	57.49	0.86	1.50	83	35.87	87	87	87	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Philadelphia, Pa.	57.48	0.85	1.50	83	34.12	79	79	79	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
New Haven, Conn.	57.44	0.85	2.11	80	33.09	78	78	78	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
San Antonio, Tex.	57.44	0.85	2.31	80	33.09	78	78	78	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Greenville, S. C.	57.43	0.85	1.14	80	33.09	78	78	78	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Albany, N. Y.	57.41	0.84	1.04	81	33.81	78	78	78	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Springfield, Conn.	57.41	0.84	1.04	81	33.81	78	78	78	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Springfield, Mass.	57.41	0.84	1.04	81	33.81	78	78	78	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
San Francisco, Cal.	57.41	0.84	1.04	81	33.81	78	78	78	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
San Antonio, Tex.	57.41	0.84	1.04	81	33.81	78	78	78	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
San Antonio, Tex.	57.41	0.84	1.04	81	33.81	78	78	78	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Atlanta, Ga.	57.41	0.84	1.04	81	33.81	78	78	78	1.01	1.01	1.01	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Average	57.58	1.00	2.30	80	43.34	91	91	91	1.00	1.00	1.00	1.43	1.43	1.43	1.10	1.10	0.50	2.03
First quartile	57.58	1.15	1.10	70	37.01	87	87	87	1.00	1.00	1.00	1.43	1.43	1.43	1.10	1.10	0.50	2.03
Third quartile	57.58	1.15	1.10	70	37.01	87	87	87	1.00	1.00	1.00	1.43	1.43	1.43	1.10	1.10	0.50	2.03

TABLE 50.—Analysis of the current expenses per student in average daily attendance in 225 city school systems, 1917-18—Continued.

GROUP II (45 CITIES).

City.	Total current expenses.		Cost of general con- struction.			Cost of instruction in day schools.			Cost of operation of plant.			Cost of maintenance.			Cost of auxiliary agencies.			Fixed charges and in- terest on indebted- ness.		
	Amount.	Ratio to average.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.
Butte, Mont.	\$104.75	2.01	\$83.56	4.94	0.68	\$68.78	1.91	0.86	\$20.01	2.99	1.49	\$55.09	1.84	0.92	\$0.64	0.90	0.40	\$1.73	0.46	0.21
Presidents, Calif.	103.28	1.99	2.26	1.33	0.68	71.03	2.09	1.08	40.28	1.53	0.77	7.02	2.68	1.30	1.86	2.33	0.40	6.73	0.46	0.83
Berkeley, Calif.	72.74	1.40	1.57	0.97	0.64	59.37	1.65	1.18	11.09	1.63	0.74	3.57	1.31	0.4	1.23	1.65	1.18	7.02	0.01	0.01
Des Moines, Iowa	72.84	1.39	1.94	1.13	0.81	47.41	1.31	0.94	11.08	1.63	0.74	1.19	1.84	0.82	1.07	1.21	0.92	7.81	1.97	1.35
Bayonne, N. Y.	65.73	1.21	2.95	1.57	1.13	35.42	1.29	0.82	6.24	1.54	0.74	1.16	1.68	0.82	0.71	1.21	0.92	6.64	1.63	1.47
Bayonne, Conn.	65.28	1.20	1.71	1.44	0.80	40.92	1.13	0.92	7.04	1.18	0.66	1.16	1.50	0.74	2.54	2.39	0.84	4.23	1.09	0.86
Highland, Meads, N. Y.	63.17	1.19	1.44	1.03	0.70	33.01	1.05	0.91	8.25	1.27	0.66	1.07	1.51	0.86	1.57	1.90	1.03	10.17	2.49	2.09
Bay City, Mich.	59.91	1.15	2.60	1.45	0.87	47.84	1.19	0.82	6.15	0.88	0.53	2.73	1.01	0.86	1.79	1.13	1.11	1.81	0.44	0.37
East Lake, Calif.	59.50	1.15	1.70	1.55	0.87	41.98	1.17	0.86	5.57	0.83	0.72	6.01	2.06	0.99	1.09	1.14	1.02	4.08	1.03	0.82
St. Louis, Mo.	59.00	1.15	2.23	1.21	0.85	39.78	1.10	0.86	3.50	0.97	0.84	2.11	1.14	0.99	1.47	1.84	1.14	4.14	1.02	0.86
Meriden, Conn.	58.99	1.15	1.67	1.04	0.85	34.47	1.04	0.86	7.08	1.05	0.83	3.05	1.12	0.97	3.24	1.40	0.86	3.71	1.28	0.84
Salmon, Mont.	58.46	1.15	1.95	1.13	0.85	34.37	1.04	0.86	10.16	1.52	0.83	3.26	1.20	1.06	1.04	1.21	0.86	4.14	1.28	0.84
Utica, N. Y.	58.35	1.15	1.85	1.08	0.85	36.76	1.03	0.86	8.31	1.21	0.83	1.39	1.29	1.06	1.28	1.33	0.86	4.09	1.15	0.84
Durham, W. Va.	58.00	1.15	1.85	1.08	0.85	36.76	1.03	0.86	7.91	1.19	0.82	1.08	1.36	1.28	1.28	1.33	0.86	5.34	1.31	1.03
Canton, Ohio	58.00	1.09	1.89	1.08	0.79	36.87	1.03	0.86	6.79	1.03	0.86	1.41	1.48	0.86	0.86	1.03	0.86	10.06	2.47	2.37
Cedar Rapids, Iowa	58.00	1.09	1.89	1.08	0.79	36.87	1.03	0.86	6.79	1.03	0.86	1.41	1.48	0.86	0.86	1.03	0.86	3.88	0.96	0.86
Evansville, Ind.	54.91	1.05	1.76	1.03	0.71	32.45	1.01	0.86	9.11	1.03	0.86	1.04	2.01	0.86	0.86	1.03	0.86	1.37	0.86	0.86
Four, Ill.	54.74	1.05	1.76	1.03	0.71	32.45	1.01	0.86	9.11	1.03	0.86	1.04	2.01	0.86	0.86	1.03	0.86	3.51	0.86	0.86
Wilmington, N. J.	54.29	1.04	2.10	1.21	0.97	37.47	1.04	0.86	8.84	1.32	0.86	1.27	2.45	2.00	1.92	1.14	1.18	2.28	0.77	0.66
Wilmington, W. Va.	52.73	1.01	4.28	1.79	1.14	43.48	1.01	0.86	6.49	0.94	0.86	3.17	1.17	1.21	5.1	0.64	0.66	2.71	0.67	0.66
Wilmington, N. Y.	50	0.97	1.97	1.16	0.86	35.43	0.97	0.86	6.17	0.97	0.86	3.17	1.17	1.21	5.1	0.64	0.66	5.92	1.45	1.45

Terre Haute, Ind.	50.21	1.45	1.01	83	1.10	5.97	89	2.00	74	77	2.02	2.53	2.04	59	1.14	1.10
Lynn, Mass.	49.03	1.74	1.01	97	1.10	4.59	98	1.07	1.04	71	1.07	1.11	2.04	4.21	1.03	96
Manchester, N. H.	47.83	1.63	1.01	97	1.10	4.59	98	1.07	1.04	71	1.07	1.11	2.04	4.21	1.03	96
Wilkes-Barre, Pa.	47.59	1.53	1.01	96	1.10	4.97	1.04	1.17	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Kansas City, Kans.	46.34	1.91	1.25	84	1.01	10.16	1.52	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Cashport, W. Va.	46.28	1.88	1.04	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Davenport, Ill.	46.08	2.45	1.41	87	1.01	10.16	1.52	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Ottawa, Okla.	43.97	1.27	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Albany, Pa.	43.90	1.91	1.10	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Fort Worth, Tex.	43.80	1.36	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Allyn, Ohio	41.64	1.54	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Allyn, Ohio	41.64	1.54	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Lynchburg, Ky.	38.36	1.82	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Flint, Mich.	32.89	1.88	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Flint, Mich.	32.89	1.88	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Meriden, Conn.	30.17	1.88	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Savannah, Ga.	30.17	1.88	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Chattanooga, Tenn.	28.21	1.68	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Charleston, S. C.	28.21	1.68	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Hammond, Ind.	28.21	1.68	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Hammond, Ind.	28.21	1.68	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Little Rock, Ark.	24.06	1.68	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Little Rock, Ark.	24.06	1.68	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Charlotte, N. C.	22.72	1.44	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Charlotte, N. C.	22.72	1.44	1.01	87	1.01	4.97	1.04	1.71	3.98	1.47	1.04	2.43	2.79	4.20	1.34	1.09
Average	52.09	1.08	1.74	1.00	6.70	1.00	79	2.72	1.03	52	80	1.00	6.07	1.00	1.31	
First quartile	.....	1.15	1.12	85	1.10	1.23	79	1.12	1.18	52	1.23	1.23	1.84	1.37	1.16	1.31
Third quartile	.....	1.77	1.75	.....	1.10	.....	74	.....	.....	.....	.....	.....	.....	.....	.....	.....



Table 55. - Analysis of the current expenses per student in average daily attendance in 255 city school systems, 1917-18 - Continued.

GROUP-III (45 CITIES).

Table with columns: Total current expenses, Cost of general con-rol., Cost of instruction in day schools., Cost of operation of plant., Cost of maintenance., Cost of auxiliary agencies., and Fixed charges and in-terest on indebted-ness. Each cost category is further divided into Amount, Ratio to average, and Geomet-ric deviation from total cost ratio (Positive/Negative). Rows list 45 cities including Boise, Idaho, Brockton, Mass., and many others.

City.

Rhine, N. Y.	50.33	1.01	3.43	1.02	98	1.03	34.05	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Orono, Maine	49.90	1.00	2.80	1.00	98	1.03	33.17	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Clack, Wash., near	48.83	1.00	2.18	1.00	98	1.03	32.91	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Lucas, Ohio	47.31	1.00	1.24	1.00	98	1.03	32.29	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Marshall, Miss.	47.13	1.00	1.08	1.00	98	1.03	32.94	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Montgomery, Ala.	46.79	1.00	1.51	1.00	98	1.03	28.61	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Waco, Tex.	46.74	1.00	2.43	1.00	98	1.03	28.61	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Norwalk, Conn.	41.28	1.00	1.74	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Elkhart, Ind.	40.38	1.00	1.36	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Johnson City, Mo.	37.38	1.00	1.79	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Portsmouth, N. H.	34.89	1.00	1.80	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Ansbury, Mich.	32.63	1.00	1.60	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Indianapolis, Ind.	31.29	1.00	1.22	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Petersburg, Va.	29.06	1.00	1.02	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Columbus, O.	28.91	1.00	1.02	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Richmond, Ky.	28.89	1.00	1.74	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Chattanooga, N. C.	28.97	1.00	1.79	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Canton, Miss.	28.97	1.00	1.30	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Chattanooga, Tenn.	28.97	1.00	1.30	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Shreveport, La.	28.97	1.00	1.30	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Shreveport, La.	28.97	1.00	1.30	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Shreveport, La.	28.97	1.00	1.30	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Shreveport, La.	28.97	1.00	1.30	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Shreveport, La.	28.97	1.00	1.30	1.00	98	1.03	23.71	1.13	.97	1.14	7.91	1.21	1.20	1.47	.47	.69	1.79	2.65	2.62	1.82	51	59		
Average	46.96	1.00	2.26	1.00	98	1.03	34.91	1.13	.97	1.14	6.47	1.00	2.18	1.00	.00	.00	.66	1.00	3.56	1.00	1.31	23	1.23	
First quartile		1.23	1.26	1.00	98	1.03	1.24	1.13	.97	1.14	1.20	1.00	1.17	1.00	.51	.00	1.21	1.56	1.35	1.31	1.19	23	1.23	
Third quartile		.66		.66																				

Table 19.—Analysis of the current expenses per student in average daily attendance in 225 city school systems, 1917-18—Continued.

City	Total current expenses.		Cost of general con- trol.			Cost of instruction in day schools.			Cost of operation of plant.			Cost of maintenance.			Cost of auxiliary agencies.			Fixed charges and in- terest on indebted- ness.		
	Amount.	Ratio to average.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.	Amount.	Ratio to average.	Geomet- rical deviation from total cost ratio.
Avonlea, Mich.	3100.70	2.12	1.17	1.17	1.06	21.77	2.35	1.58	82.59	1.22	0.36	27.01	7.38	3.48	44.90	1.19	0.66	10.19	2.44	1.37
Barnhart, N. J.	84.02	1.72	1.04	1.04	1.73	8.27	1.27	1.27	1.27	2.25	1.46	2.25	2.37	1.35	0.20	0.20	1.46	1.46	1.46	
Berk, Dak.	51.58	1.28	0.37	0.37	43.21	43.70	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	
Birmingham, Ala.	68.40	1.32	1.11	1.11	41.72	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	
Boston, Mass.	60.08	1.24	0.37	0.37	41.72	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	
Burlington, Vt.	60.08	1.24	0.37	0.37	41.72	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	
Charlottesville, Va.	57.79	1.22	0.37	0.37	41.72	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	
Chicago, Ill.	55.47	1.19	0.37	0.37	41.72	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	
Clinton, N. C.	55.33	1.15	0.37	0.37	41.72	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	
Conover, N. C.	54.74	1.15	0.37	0.37	41.72	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	
Dayton, Ohio	54.74	1.15	0.37	0.37	41.72	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	
Dayton, Ohio	54.74	1.15	0.37	0.37	41.72	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	
Dayton, Ohio	54.74	1.15	0.37	0.37	41.72	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	

Herkimer, N. Y.	43.68	.96	2.00	1.19	1.17	.87	1.24	28.66	.82	.95	7.48	1.15	1.13	1.07	1.20	1.67	79	.83	1.72	.59	.62	.65	4.33	1.01	1.09
Griffin, W. Va.	43.48	.91	1.05	1.19	.87			28.30	.84	.92	6.29	.81	.80	1.63	1.20	1.63	77	.85	1.32	2.15	2.26		8.28	1.06	1.18
Sanford, Me.	42.87	.90	2.32	.94	.67		1.04	26.93	.86	.96	7.57	1.16	1.16	3.20	1.16	3.20	1.15		1.32	1.85	1.42		8.61	1.06	2.18
Bradford, Mass.	42.79	.90	2.47	1.00	.67		1.16	26.68	.95	.99	6.75	1.04	.62	2.53	1.19	2.53	1.19		1.32	1.85	1.42		8.61	1.06	2.18
Logan, Utah	40.62	.86	2.67	1.00	.92		1.16	24.42	.78	.94	3.02	.63	.62	4.81	2.27	4.81	2.27		1.27	.06	.06		7.24	1.73	2.08
Trumbull, Conn.	38.46	.83	2.02	1.04	.64		1.31	31.47	.76	.85	2.48	.89	.47	3.22	1.03	3.22	1.03		1.03	.09	.09		3.52	.84	2.08
East Hartford, Conn.	37.98	.80	2.25	1.23	.64		1.65	26.43	.81	.85	3.02	.69	.75	1.74	1.09	1.74	1.09		1.03	.09	.09		7.24	1.73	2.08
West Chester, Ohio	37.14	.80	2.02	1.23	.64		1.65	26.43	.81	.85	3.02	.69	.75	1.74	1.09	1.74	1.09		1.03	.09	.09		7.24	1.73	2.08
Brainerd, N. H.	35.44	.75	1.82	1.00	.69		1.65	20.34	.67	.86	4.00	.79	.40	1.96	1.09	1.96	1.09		1.17	4.24	5.29		2.37	1.02	1.35
Weymouth, Pa.	33.04	.70	2.66	1.00	.69		1.65	20.34	.67	.86	4.00	.79	.40	1.96	1.09	1.96	1.09		1.17	4.24	5.29		2.37	1.02	1.35
Wellsville, Ohio	32.04	.70	2.66	1.00	.69		1.65	20.34	.67	.86	4.00	.79	.40	1.96	1.09	1.96	1.09		1.17	4.24	5.29		2.37	1.02	1.35
Carthage, Mo.	32.04	.70	2.66	1.00	.69		1.65	20.34	.67	.86	4.00	.79	.40	1.96	1.09	1.96	1.09		1.17	4.24	5.29		2.37	1.02	1.35
Bristol, Va.	29.57	.62	1.94	1.27	.69		1.37	22.07	.71	.86	4.37	.97	.61	1.13	1.05	1.13	1.05		1.05	.10	.10		3.04	.84	1.31
Salisbury, Md.	28.97	.60	1.82	1.27	.69		1.37	22.07	.71	.86	4.37	.97	.61	1.13	1.05	1.13	1.05		1.05	.10	.10		3.04	.84	1.31
Greenville, Miss.	28.59	.60	1.82	1.27	.69		1.37	22.07	.71	.86	4.37	.97	.61	1.13	1.05	1.13	1.05		1.05	.10	.10		3.04	.84	1.31
Rock Hill, S. C.	28.51	.60	1.82	1.27	.69		1.37	22.07	.71	.86	4.37	.97	.61	1.13	1.05	1.13	1.05		1.05	.10	.10		3.04	.84	1.31
Tuscaloosa, Ala.	28.49	.60	1.82	1.27	.69		1.37	22.07	.71	.86	4.37	.97	.61	1.13	1.05	1.13	1.05		1.05	.10	.10		3.04	.84	1.31
Rocky Mount, N. C.	28.01	.55	2.90	1.17	.70		1.27	18.81	.94	.98	3.26	.62	.63	1.83	1.83	1.83	1.83		1.43	3.2	3.4		3.01	1.20	2.00
Lebanon, Ia.	24.31	.51	2.90	1.17	.70		1.27	18.81	.94	.98	3.26	.62	.63	1.83	1.83	1.83	1.83		1.43	3.2	3.4		3.01	1.20	2.00
Columbia, Tenn.	18.02	.38	1.24	1.37	.52		1.37	14.70	.47	.68	3.04	.31	.82	4.44	2.09	4.44	2.09		4.10				2.07	.97	.91
Average	47.51	1.09	2.47	1.00	.87		31.29		1.08	.86	6.50	1.07	.76	2.12	1.00	2.12	1.00		.93	1.09	.08		4.19	1.00	1.36
First quartile		1.14		1.21	.79				1.08	.86										1.02	.08			1.45	.22
Third quartile		.71		.87					.75											.00	.00			.19	

TABLE 59.—Analysis of the current expenses per student in average daily attendance in 225 city school systems, 1917-18.—Continued.

GROUP V (45 CITIES).

City.	Total current expenses.		Cost of general control.			Cost of instruction in day schools.			Cost of operation of plant.			Cost of maintenance.			Cost of auxiliary agencies.			Fixed charges and interest on indebtedness.				
	Amount.	Ratio to average.	Amount.	Geometrical deviation from total cost ratio.		Amount.	Geometrical deviation from total cost ratio.		Amount.	Geometrical deviation from total cost ratio.		Amount.	Geometrical deviation from total cost ratio.		Amount.	Geometrical deviation from total cost ratio.		Amount.	Geometrical deviation from total cost ratio.			
				Negative.	Positive.		Negative.	Positive.		Negative.	Positive.		Negative.	Positive.		Negative.	Positive.		Negative.	Positive.	Negative.	Positive.
Macomb, Mich.	\$102.69	2.31	54.57	1.50	0.63	468.09	2.38	1.02	10.38	1.65	0.71	85.59	3.52	1.53	1.24	1.41	0.61	11.24	3.43	11.22	3.43	1.46
Marion, N. H.	1.90	1.82	1.84	1.84	1.83	47.70	1.84	1.03	3.09	1.80	0.50	2.43	1.53	1.53	15.97	18.15	11.34	11.82	3.22	11.82	3.22	2.13
Newton, N. Mass.	87.29	1.52	2.44	1.81	1.81	48.25	1.36	1.10	11.91	1.89	0.57	1.98	1.26	0.86	1.17	1.10	1.2	1.83	3.22	1.44	0.96	2.13
Baton Rouge, La.	68.14	1.31	2.87	1.98	1.81	27.21	1.28	0.88	9.46	1.50	0.57	1.11	1.09	0.86	2.11	2.71	2.0	5.13	1.44	5.90	1.60	1.83
Yankton, S. Dak.	58.31	1.31	2.57	1.88	1.81	33.43	1.27	0.81	13.10	1.30	0.50	3.71	2.23	1.43	1.78	2.24	2.0	5.90	1.60	6.04	1.88	1.46
Springfield, Va.	52.37	1.20	2.47	1.47	1.81	37.11	1.27	1.00	4.40	1.02	0.50	1.66	1.66	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Manassas, Mich.	58.46	1.27	2.46	1.47	1.81	34.86	1.20	0.97	8.02	1.27	0.50	1.10	1.10	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Manassas, Wash.	55.16	1.24	2.45	1.14	1.83	41.25	1.42	1.15	7.62	1.21	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Jamestown, N. Dak.	54.56	1.23	2.45	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Red Lodge, Mont.	54.17	1.22	2.45	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Murray, Utah.	53.91	1.21	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Clifton, Ariz.	53.91	1.21	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Collingswood, N. J.	51.64	1.19	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Lawrence, Mo.	51.26	1.18	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Albany, N. Y.	51.04	1.18	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Lawrence, Mo.	49.54	1.11	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Albany, N. Y.	49.54	1.11	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Albany, N. Y.	47.00	1.04	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Albany, N. Y.	46.88	1.03	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Johnson City, N. Y.	46.84	1.03	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Idaho Falls, Idaho.	46.64	1.02	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Sanford, Fla.	46.12	1.01	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Oregon City, Oreg.	46.12	1.01	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74
Trout River Falls, Minn.	46.04	1.01	2.44	1.14	1.83	37.55	1.26	1.06	5.35	1.26	0.88	1.54	1.30	1.43	1.51	1.83	1.42	1.04	2.00	2.22	1.46	1.74

Milbrook, Mo.	43.41	94	2.40	79	.81	20.04	98	.90	1.01	9.59	1.31	1.54	1.25	.79	.81	23	.29	1.26	.36	1.97
Hobart, Okla.	40.48	91	2.64	87	.96	22.87	94	.94	1.07	5.85	1.07	1.12	.91	.67	.63	23	.28	1.30	.34	1.97
Marshall, Mo.	40.25	90	2.70	91	...	27.80	94	.94	1.06	4.84	1.06	1.03	1.74	1.09	...	69	.78	1.32	.37	1.41
Cynthiana, Ky.	39.21	89	6.38	2.00	...	27.55	84	.98	1.06	4.84	1.06	1.03	1.74	1.09	...	69	.78	1.32	.37	1.41
East Greenwich, R. I.	38.25	88	1.10	36	...	24.93	80	.98	1.03	4.53	1.03	1.03	1.85	1.59	...	64	.05	1.02	.03	1.03
East Greenwich, Ind.	38.86	87	2.30	76	...	28.23	80	.98	1.10	6.41	1.10	1.03	1.85	1.59	...	64	.05	1.02	.03	1.03
Wyncroft, Pa.	38.28	84	3.99	1.19	...	37.99	80	.98	1.02	4.20	1.02	1.04	2.90	1.82	...	63	.04	2.00	.56	1.05
Rockwell, Ohio	37.28	84	3.99	1.19	...	25.02	82	.98	1.12	4.79	1.12	1.04	2.90	1.82	...	63	.04	2.00	.56	1.05
Rockwell, Miss.	35.88	82	6.72	2.58	...	28.46	82	.98	1.12	4.79	1.12	1.04	2.90	1.82	...	63	.04	2.00	.56	1.05
Jennings, Mo.	35.71	79	1.41	48	...	32.42	81	.91	1.15	4.19	1.15	1.09	1.06	1.06	...	73	.86	1.18	.05	1.06
Wilkinson, W. Va.	32.81	73	2.29	53	...	32.42	81	.91	1.15	4.19	1.15	1.09	1.06	1.06	...	73	.86	1.18	.05	1.06
Rockwell, Tex.	32.81	73	2.29	53	...	32.42	81	.91	1.15	4.19	1.15	1.09	1.06	1.06	...	73	.86	1.18	.05	1.06
Midford, Conn.	30.85	70	1.97	63	...	32.77	82	.97	1.19	3.50	1.19	1.89	1.89	1.89	...	82	.86	1.24	.00	1.27
Harrisburg, Va.	27.44	62	2.62	90	...	22.47	77	.94	1.10	3.83	1.10	1.89	1.89	1.89	...	82	.86	1.24	.00	1.27
Harrisburg, Va.	27.44	62	2.62	90	...	22.47	77	.94	1.10	3.83	1.10	1.89	1.89	1.89	...	82	.86	1.24	.00	1.27
Tusculum, Tenn.	23.80	53	3.01	90	...	19.81	64	.87	1.10	3.83	1.10	1.89	1.89	1.89	...	82	.86	1.24	.00	1.27
Easton, Md.	23.55	53	3.01	90	...	19.81	64	.87	1.10	3.83	1.10	1.89	1.89	1.89	...	82	.86	1.24	.00	1.27
Monroe, N. C.	21.83	49	3.45	1.13	...	19.10	66	.86	1.25	1.84	1.25	1.01	1.01	1.01	...	74	.30	3.45	.15	2.04
Monroe, N. C.	21.83	49	3.45	1.13	...	19.10	66	.86	1.25	1.84	1.25	1.01	1.01	1.01	...	74	.30	3.45	.15	2.04
Memphis, Ark.	18.64	42	2.32	76	...	17.36	61	.81	1.10	5.22	1.10	4.2	26	33	...	70	.44	1.66	.44	1.05
East Point, Ga.	18.64	42	2.32	76	...	17.36	61	.81	1.10	5.22	1.10	4.2	26	33	...	70	.44	1.66	.44	1.05
East Point, Ga.	18.64	42	2.32	76	...	17.36	61	.81	1.10	5.22	1.10	4.2	26	33	...	70	.44	1.66	.44	1.05
Lenoir City, Tenn.	18.04	41	1.01	53	...	14.20	40	.98	1.17	1.83	1.17	1.20	52	33	...	70	.44	1.66	.44	1.05
Opelika, Ala.	17.86	40	1.86	61	...	14.15	40	.98	1.28	3.24	1.28	1.20	52	33	...	70	.44	1.66	.44	1.05
Opelika, Ala.	17.86	40	1.86	61	...	14.15	40	.98	1.28	3.24	1.28	1.20	52	33	...	70	.44	1.66	.44	1.05
Average	44.53	100	3.04	1.90	...	29.15	100	1.00	1.00	6.93	1.00	1.99	1.99	1.00	...	88	1.00	2.04	1.00	...
First quartile	1.22	75	...	1.84	...	1.34	...	...	...	...	...	1.12	...	...	...	...	...	1.24	...	1.43
Third quartile	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...



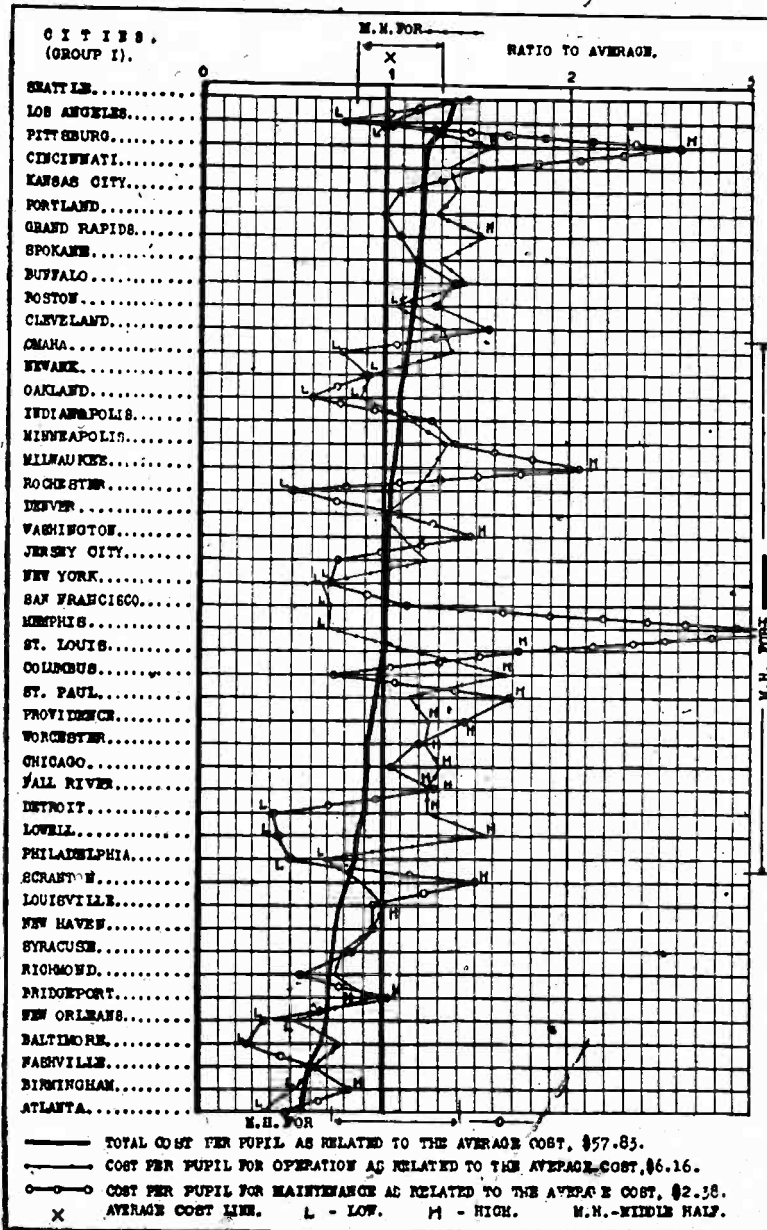


FIG. 37 (B).—An analysis of expenditures in 45 city school systems, Group I, 1917-18.



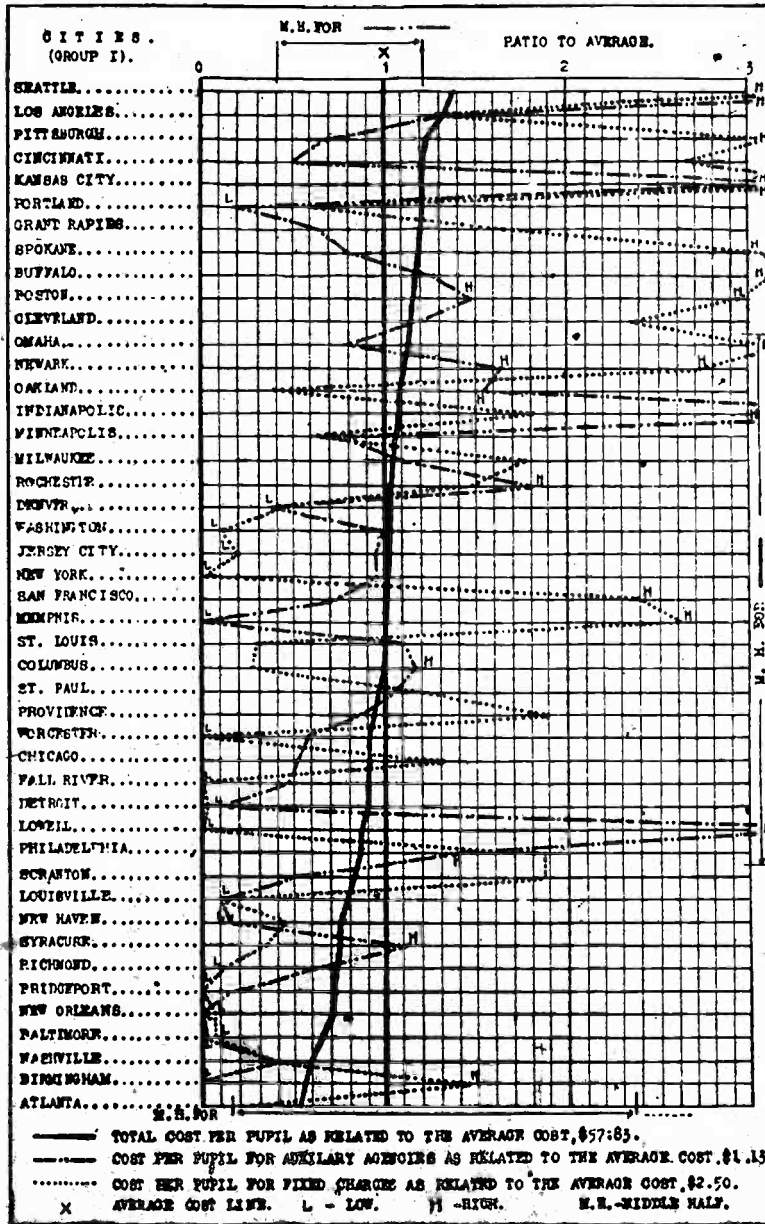


FIG. 27 (C).—An analysis of expenditures in 48 city school systems, Group I, 1917-18.

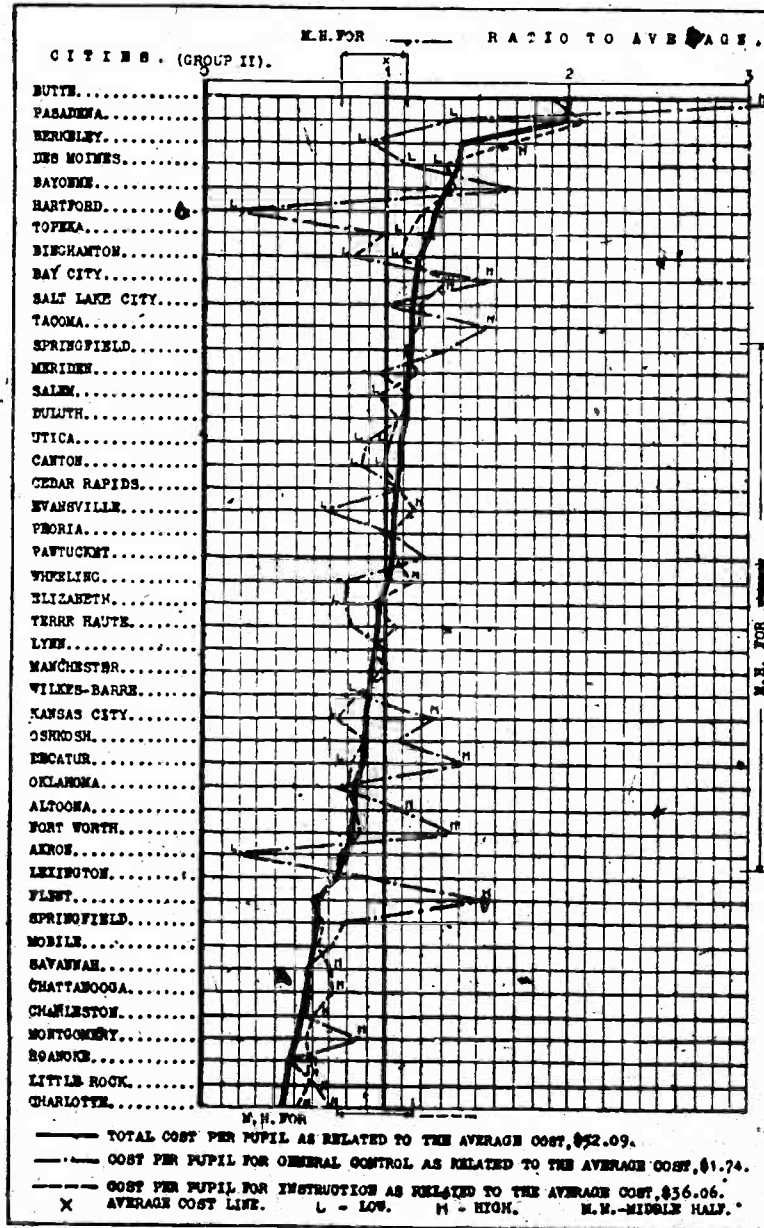


FIG. 29 (A).—An analysis of expenditures in 46 city school systems, Group II, 1917-18.

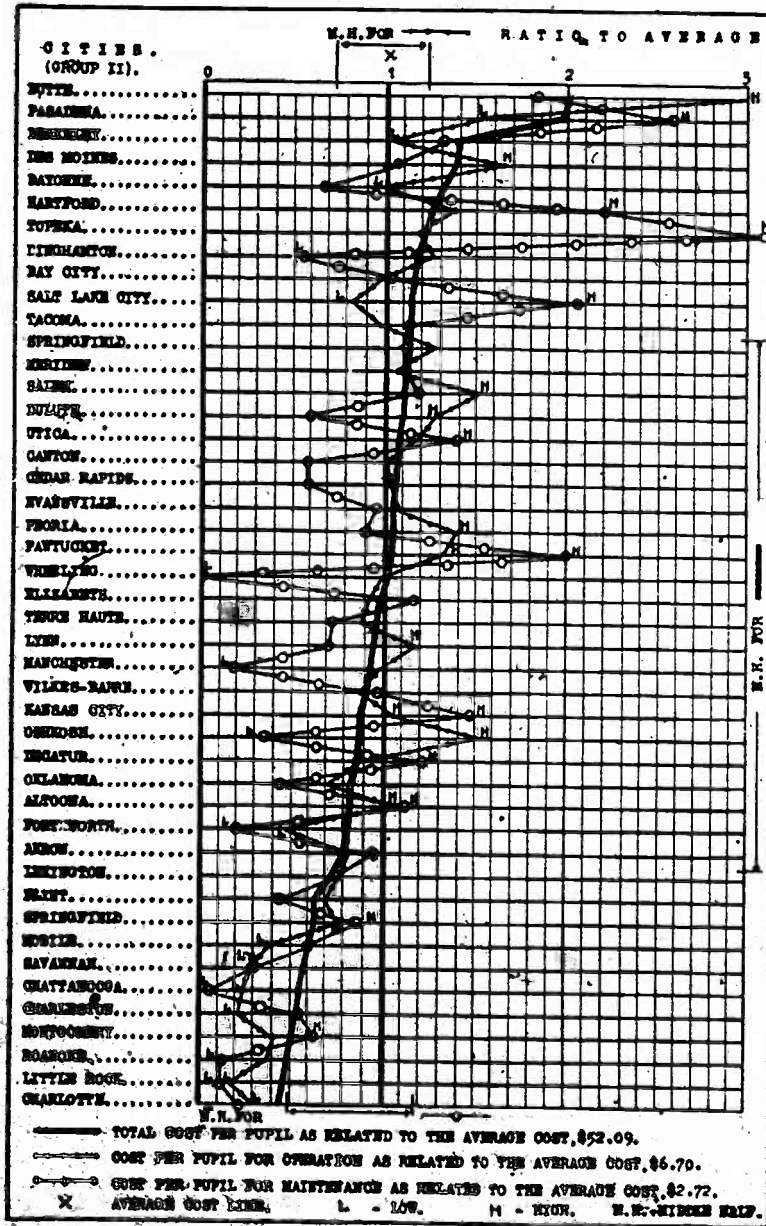


FIG. 25 (B).—An analysis of expenditures in 45 city school systems, Group II, 1917-18.

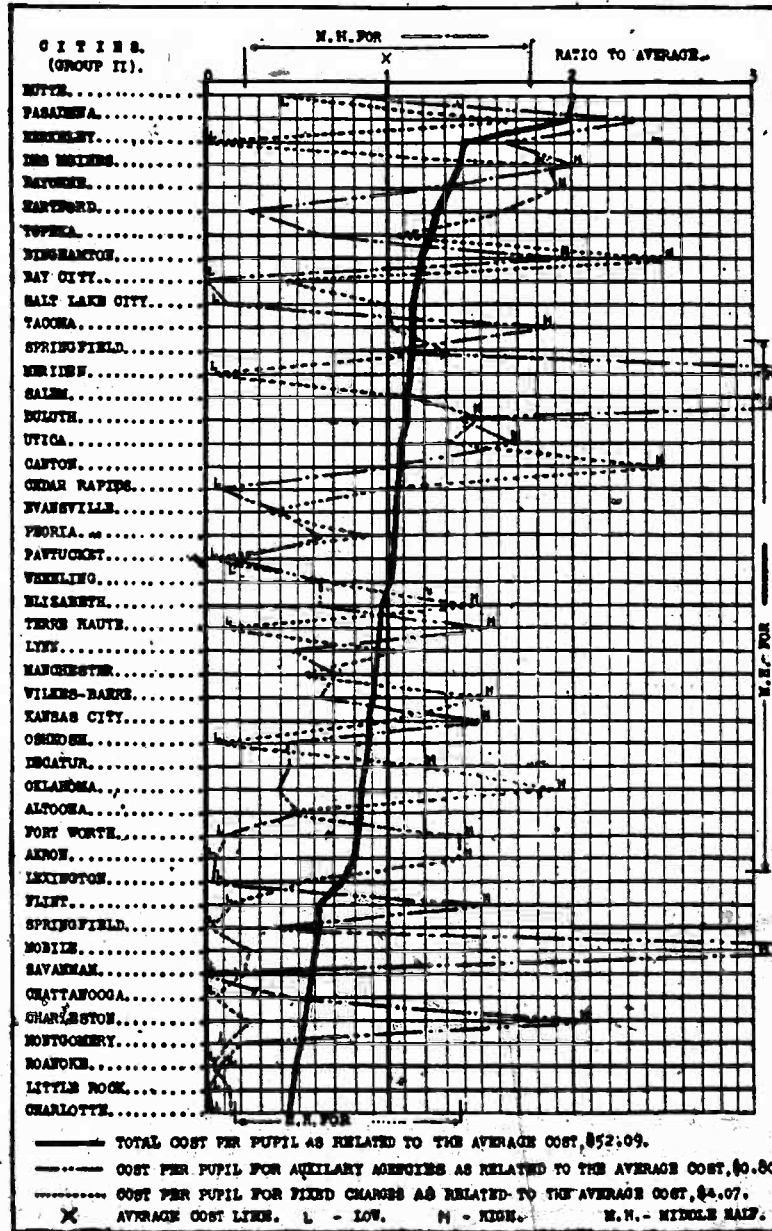


FIG. 38 (O).—An analysis of expenditures in 45 city school systems, Group II, 1917-18.

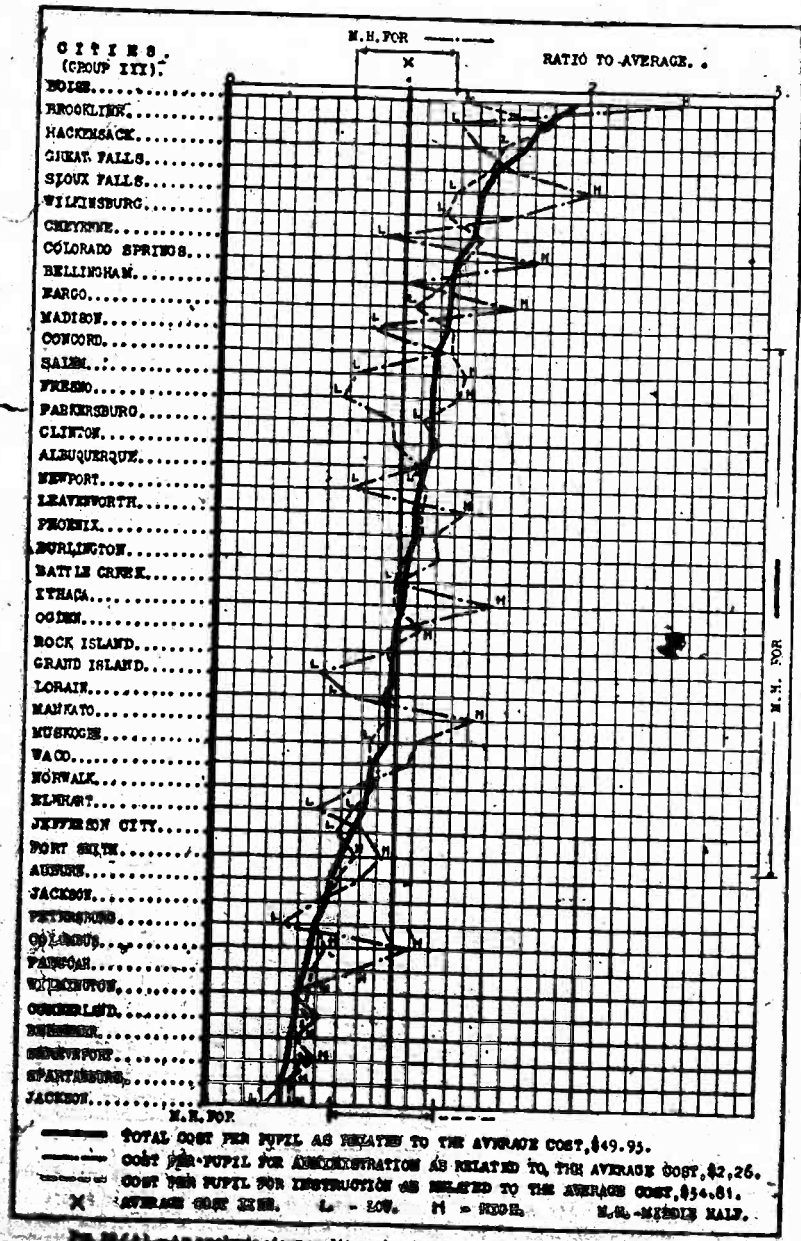


FIG. 20 (A).—An analysis of expenditures in 46 city school systems, Group III, 1917-18.

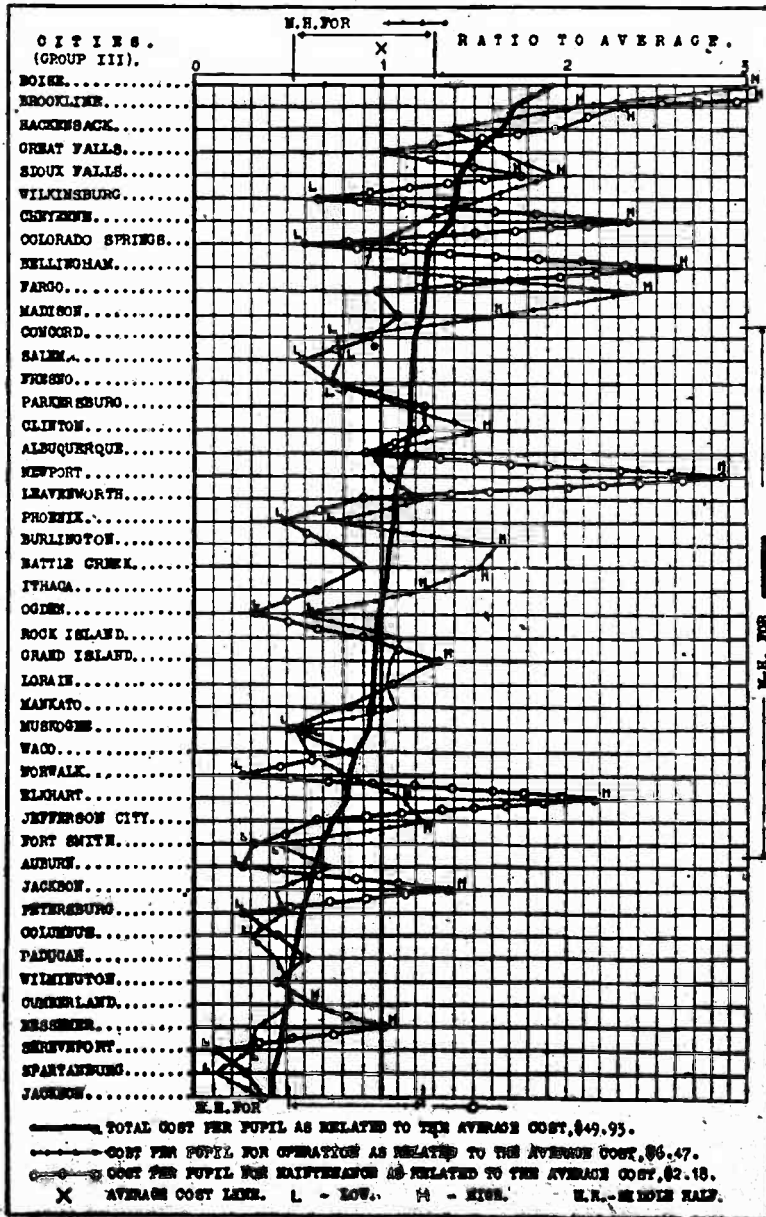


FIG. 36 (B).—An analysis of expenditures in 36 city school systems, Group III, 1917-18.

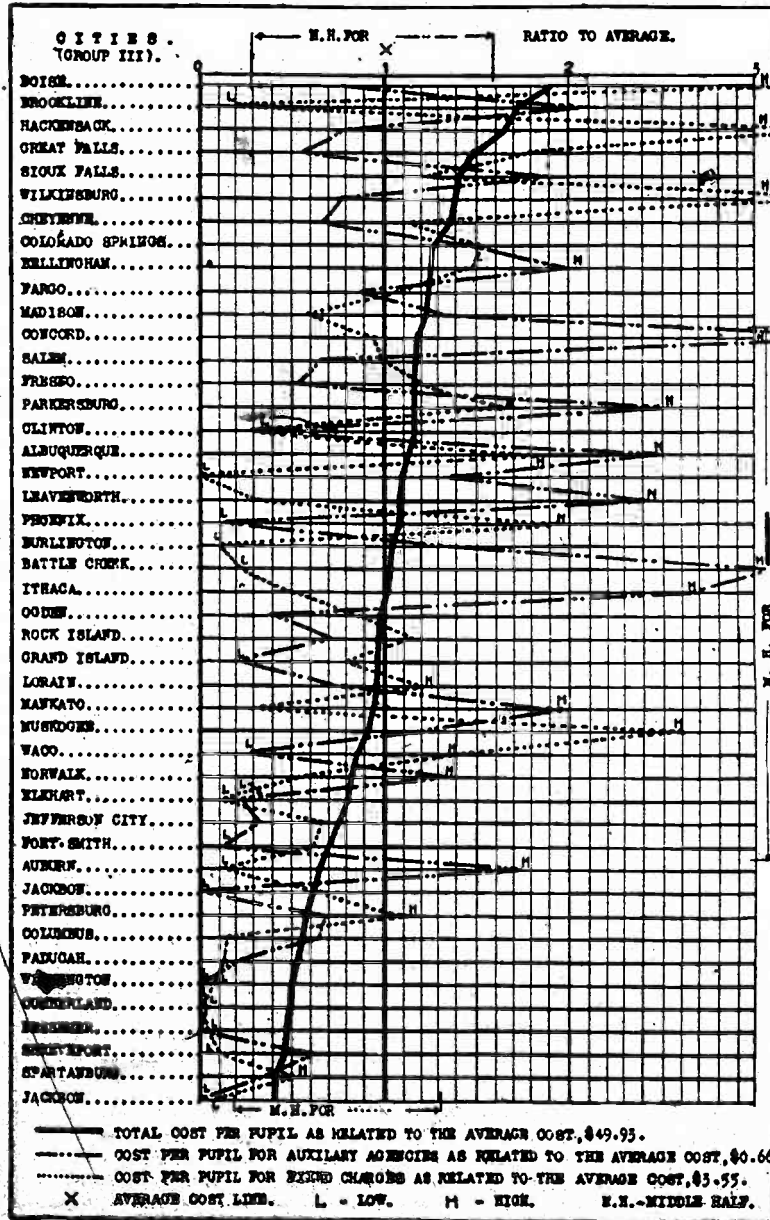


FIG. 36 (C).—An analysis of expenditures in 45 city school systems, Group III, 1917-18.

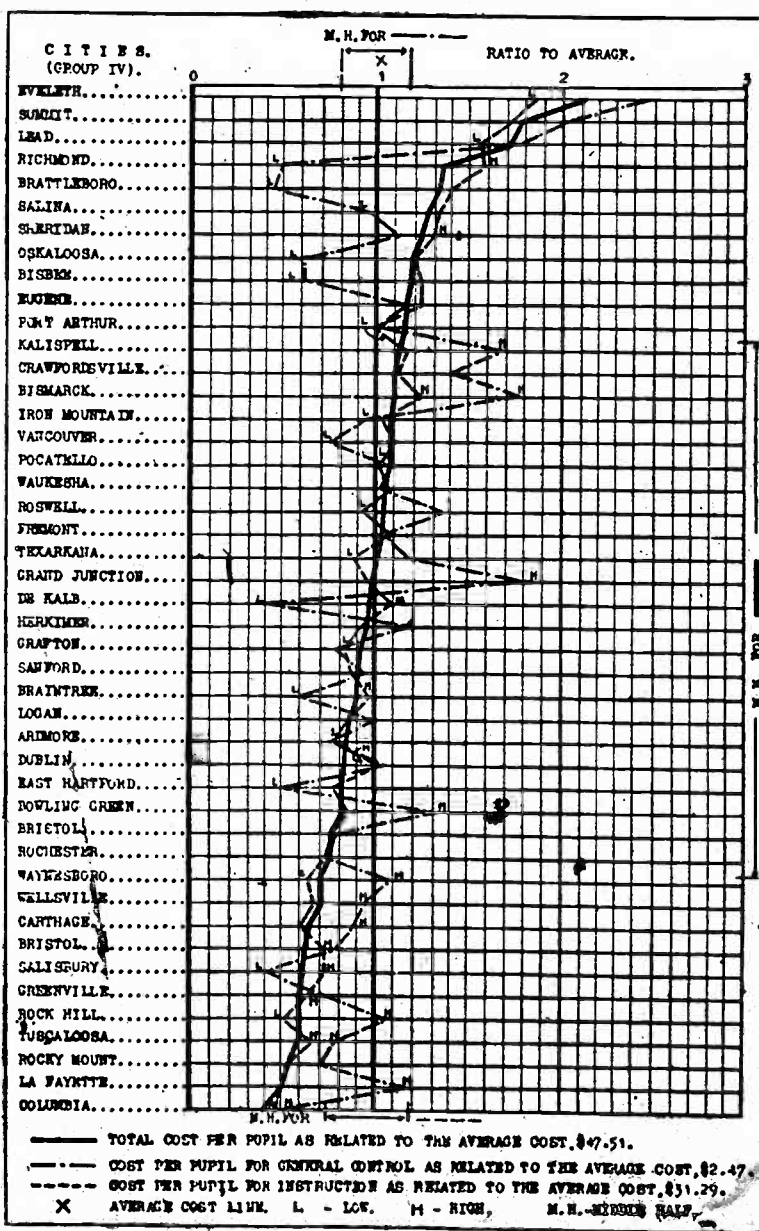


Fig. 40 (A).—An analysis of expenditures in 45 city school systems, Group IV, 1917-18.



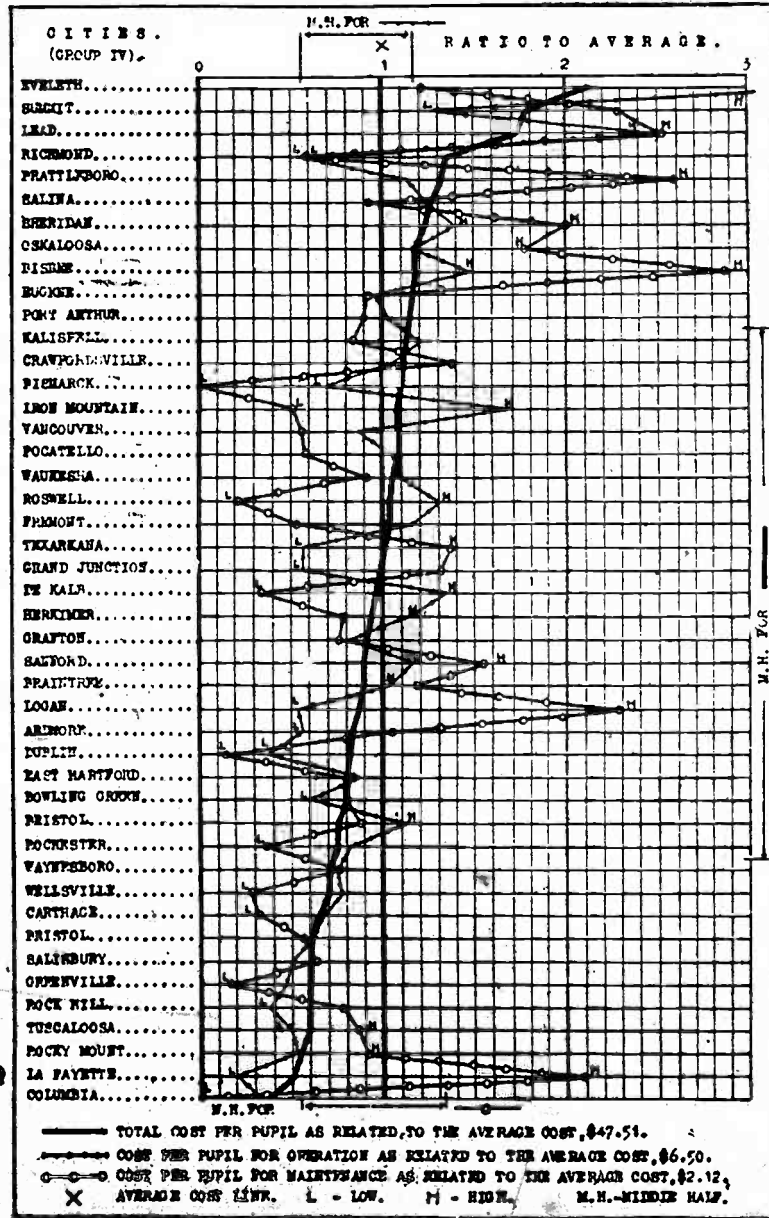


FIG. 40 (B).—An analysis of expenditures in 46 city school systems, Group IV, 1917-18.

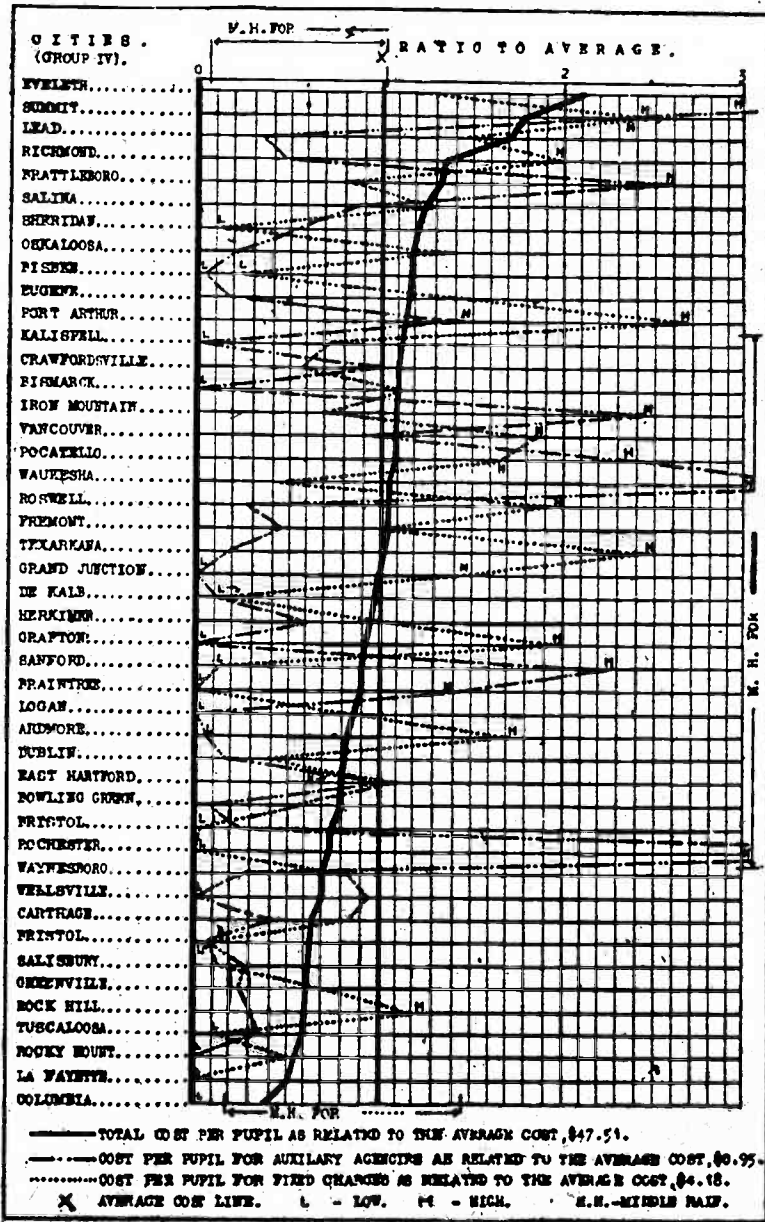


FIG. 40 (C).—An analysis of expenditures in 45 city school systems, Group IV, 1917-18.

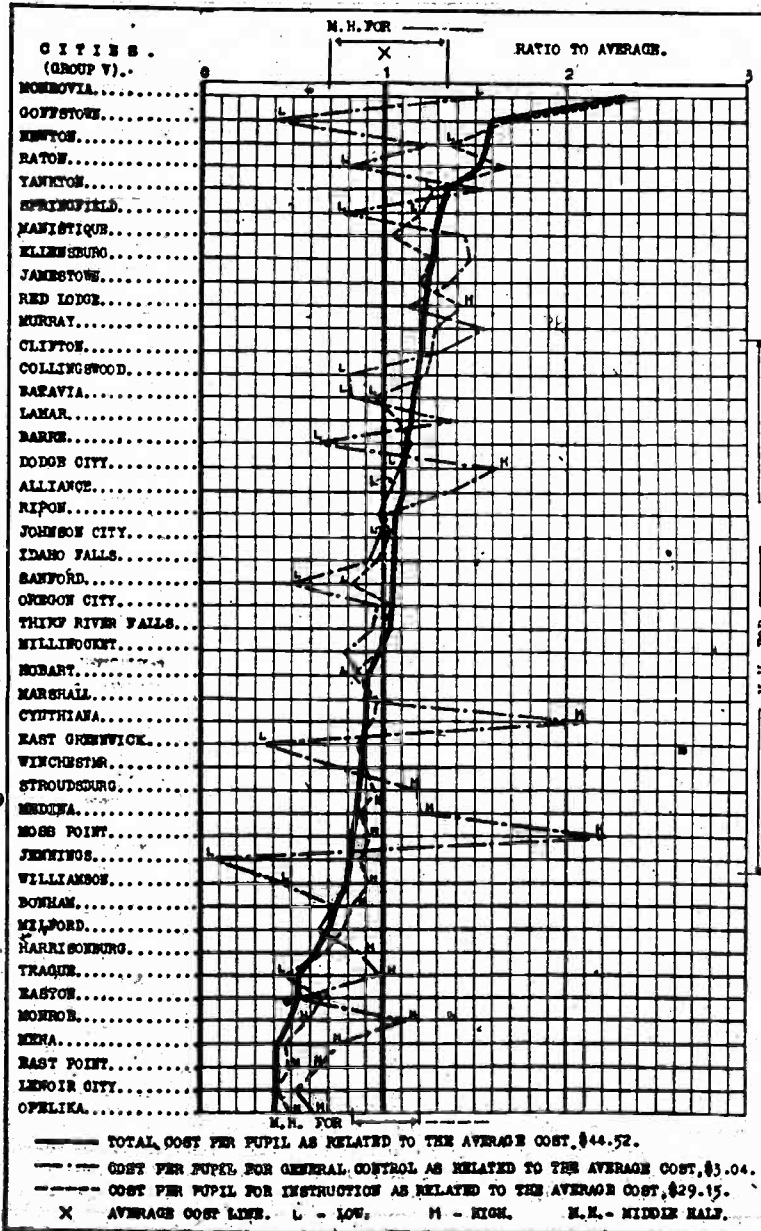


Fig. 41 (A).—An analysis of expenditures in 45 city school systems, Group V, 1917-18.

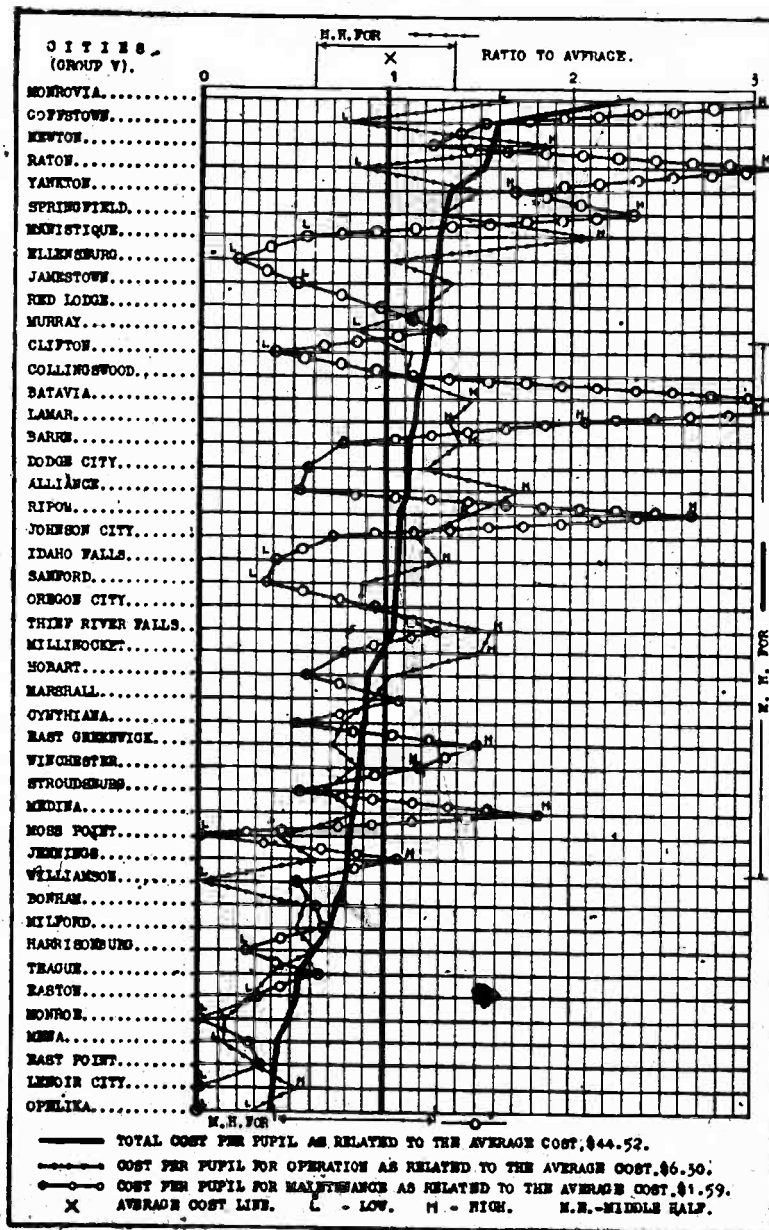


FIG. 41 (B).—An analysis of expenditure in 45 city school systems, Group V, 1917-18.

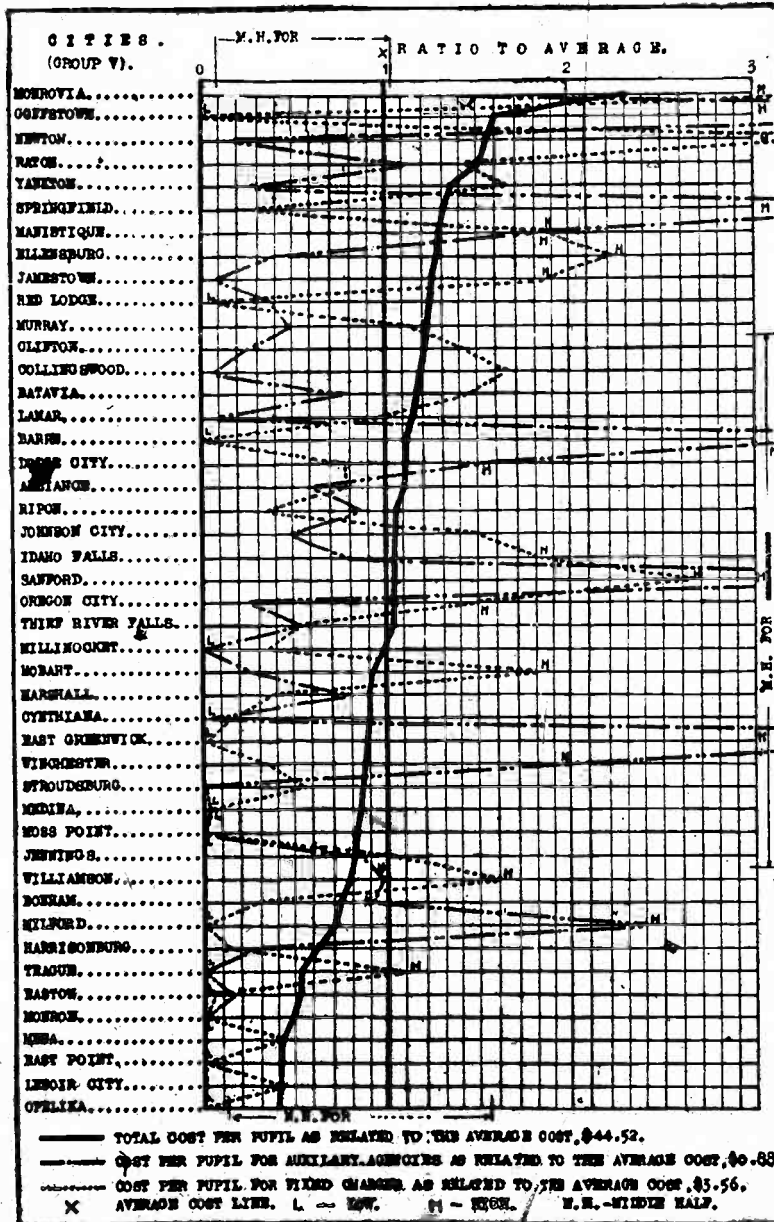


FIG. 41 (C).—An analysis of expenditures in 45 city school systems, Group V, 1917-18.

## THE AVERAGE TOTAL COSTS PER PUPIL IN EACH CITY.

The average costs just considered for each group of cities might lead one to infer that all cities in any given group might have about the same unit costs and distribute their expenditures in about the same proportion. To show the degree to which each city represented varies from these averages and these percentages is the purpose of Table 59 and figures 37, 38, 39, 40, and 41. In Table 58, similar annual expenditures per pupil in average daily attendance have been computed for each of the 225 cities. Thus, in Group I it is seen that Seattle, Wash., spends annually \$79.32 per pupil. Of this amount \$2.49 goes for general control, \$52.45 for instruction, \$8.25 for operation, \$3.42 for maintenance, \$4.22 for auxiliary agencies, and \$8.49 for fixed charges. The cities have been arranged in Table 59 in the decreasing order of their total cost per pupil per year. In Group I Seattle stands highest with a per capita expenditure of \$79.32, and Atlanta, Ga., lowest with a per capita of \$31.45, the average per capita for the group being \$57.83. By dividing the cost in Seattle (\$79.32) by the average cost, it is found that this city spends 1.37 times as much per pupil per year as is spent in the average city school system of Group I. This quotient may be called the "ratio to the average" (column 3). It is also a percentage showing that Seattle spends 37 per cent more than the average. It may also be considered an index number. On the other hand, Atlanta spends per pupil only 0.54, or 54 per cent, of the average expenditure. Atlanta has an index of 54. These ratios, or index numbers, have been plotted in each part of figure 37, resulting in the continuous heavy black line drawn diagonally down across the graph.

## THE MIDDLE HALF.

For the sake of convenience in analyzing city school expenditures, it has become almost an established practice to divide the cities into four equal or nearly equal groups, according to the magnitude of the unit cost. Quartile points are employed to separate the upper and lower fourths from the middle 50 per cent of the cities. Thus, when the 45 cities have been arranged in the ascending order of unit costs, the point halfway between the average cost in the eleventh and twelfth cities is called the first quartile and that halfway between the thirty-fourth and the thirty-fifth cities is termed the third quartile. The limits of the middle half or the quartile points have been indicated by the arrows at the extreme right of each diagram. Thus, in Group I the expenditures in the first 11 cities are above the middle half and the expenditures in the last 11 cities are below the middle half, the remaining 23 cities having expenditures coming within the middle zone. The reasons for wide variations from the average can not

be set forth in this limited study, even if they were definitely known. This presentation only attempts to show deviations from the general practice. It *may* be highly commendable for a city to incur high per capita costs or to maintain schools at low cost if proper results can be secured thereby. Further, the more progressive school systems may incur unusual expenditures in one direction or another in attempting to promote some particular educational experiment. General control expenditures, or the cost of auxiliary agencies, even in the best school systems, may exhibit wide deviations from the general practice. Such unusual expenditures in city schools, therefore, may not only not be derogatory but highly commendable.

For each function of expense the middle half of the cities has been indicated either at the top or the bottom of each graph. Thus, in Group I the middle half of the cities spend for general control from 0.57 to 1.10 times the average amount so spent by all 45 cities. These "zonal lines" have been indicated by the arrowheads at the top of figure (Part A). Similarly, the zonal limits for the cost of instruction (0.80 to 1.06) have been located at the bottom of the same chart. Half the cities fall within this narrow zone. In Part B the middle half for the operation of the school plant has been indicated at the top of the figure and the corresponding bounds for maintenance costs are shown at the bottom of the same diagram. In Part C similar quartile points have been located for auxiliary agencies and fixed charges at the top and bottom of the diagram, respectively. If the expenditures for any function extend beyond these zones, the unit cost for this purpose is considered high; if they are less than the smallest quartile, the cost is considered low, as judged by the practice of the middle half.

#### UNIT FUNCTIONAL COSTS FOR EACH CITY.

With the average line, the total cost curve, and the middle halves located, it becomes a comparatively easy matter to determine the function of expense in which the greatest irregularity exists. Continuing with Group I, it is found that the average cost per pupil for general control is \$2.30, while in Seattle this cost is \$2.49 per pupil, or 1.08 times the average. This point is plotted on the graph to mark the origin of the "dash-dot" curve, representing general-control costs in Part A of figure 37. The expenditures of Seattle for general control come just within the middle zone. This curve "zigzags" back and forth across the "total cost" curve, but takes in general the same direction as the continuous black curve. Some wide deviations, however, are striking. Cleveland, Ohio, spends 2.58 times as much for general control as is spent on an average by cities of its class. Washington, D. C., spends only 41 per cent of the average for general control. Portland, Oreg., and New Orleans,

La., spend large unit amounts for general control. It should be remembered that the discussion, thus far, does not show whether the proportion spent for general control is high or low, as compared with the general practice—this will be shown later; it only indicates the magnitude of the expense per pupil for administration as compared with what the "average" city spends. From the curve for general control it is seen that Cleveland spends more for this purpose than either Portland or New Orleans. Birmingham, Ala., incurs the smallest expense for general control of any city in Group I.

For instruction Seattle spends \$52.45 per pupil, or 1.21 times the average cost of \$43.36. This point forms the origin of the "dash" curve in Part A of figure 37 and falls just above the upper quartile of 1.06 shown by the right-hand arrow at the bottom of the chart. It will be noticed that this curve for instruction costs hugs close to the total cost curve for the reason that it constitutes on an average 75 per cent of it. A greater range of deviations prevails for minor functions of expense such as general control, maintenance, auxiliary agencies, and fixed charges than for major functions, such as instruction and operation of plant. The relative magnitude of these ranges is indicated at the top and bottom of each figure. The ranges for auxiliary agencies and fixed charges are exceedingly great. Los Angeles, Calif., spends the highest amount per pupil for instruction (1.41 times the average) of any city represented in the group. Birmingham, Ala., spends the least for this purpose.

In a similar way it is found that Seattle spends for operation 1.34, for maintenance 1.44, for auxiliary agencies 3.73, and for fixed charges 3.40 times as much for these respective functions as is spent per pupil on an average in cities of its class. For every purpose it spends more than the average. It deviates farthest from the average in its expenditures for auxiliary agencies (3.73). It deviates almost as far (3.40) on fixed charges. Its expenditures for general control and instruction are only slightly above the average (1.08 and 1.21, respectively). Let us proceed to analyze these index numbers for Seattle to ascertain whether they exceed the corresponding proportions spent for these purposes by other cities of its class coming within the middle half. Judging from the procedure of the middle half, it appears that the expenditures for auxiliary agencies and fixed charges are relatively high and that the costs of general control and instruction are relatively low; but these assumptions have not been definitely established, since the middle half of the cities deviate more widely on minor functions than on major functions. The ratio for fixed charges, for example, might not, therefore, be higher than upper limit of the corresponding ratio for the middle half. The following paragraphs establish a scientific basis for determining



whether the proportion spent by any city for any function of expense is higher or lower than the average and whether it falls within or without the middle half.

PROPORTIONAL DISTRIBUTION OF EXPENDITURES.

Of the \$79.32 spent per pupil in Seattle, \$2.49, or 3.14 per cent, went for general control. Of the \$57.83 spent per pupil by the average city in Group I, 4 per cent went for this purpose. It is seen, therefore, that Seattle spends a smaller proportion of its total cost for general control than is ordinarily spent by cities of its class. For instruction Seattle spends \$52.45 per pupil, while the average city of Group I spends only \$43.36. In Seattle, 66.1 per cent of its school expenditures goes for instruction, while in the "average" city 75 per cent goes for this purpose. Seattle spends, therefore, a relatively small proportion of its total costs for instruction, but a relatively large amount for this purpose as compared with other cities of its class. As the two curves representing costs for general control and for instruction in Seattle (figure 37, Part A) fall to the right of the *average* line and to the left of the *total cost* curve, they appear to indicate that the cost is high but the proportion low, although they have been located without any reference to the proportional distribution of expenditures. It remains, therefore, to be shown that when any supplementary curve falls to the left of the total cost curve the proportion is low, as judged by the average proportion so spent by all 45 cities, and that when any such curve falls to the right of the total cost curve the proportion is high. In Table 50 the total cost ratio for Seattle has been divided into each succeeding ratio to the average, giving these quotients: For general control, 0.79; for instruction, 0.88; for operation, 0.98; for maintenance, 1.05; for auxiliary agencies, 2.72; and for fixed charges, 2.48, which have been called the "geometrical deviations from the total cost ratio." These ratios represent the magnitude of the proportion spent by Seattle for each purpose as compared with that spent by the "average" city of its class, as shown below. Thus, it will be shown that Seattle spends for general control 79 per cent of the proportion spent by the average city of its class.

This percentage is secured as follows:

$$(1) \quad 0.79 = \frac{1.08}{37} \frac{\$2.49}{\$79.32} = \frac{\$2.30}{\$57.83} = \frac{\$2.49 \times \$57.83}{\$2.30 \times \$79.32}$$

The unquestionably correct ratio (r) showing the relationship of the proportion spent by Seattle for general control to the proportion spent by the average city of Group I is:

$$(2) \quad r = \frac{3.14}{4.00} = \frac{\frac{\$2.49}{\$79.32}}{\frac{\$2.30}{\$57.83}} = \frac{\$2.49 \times \$57.83}{\$2.30 \times \$79.32}$$

Combining equations (1) and (2), it is found that  $r=0.79$ . In other words, the geometrical deviation of any ratio from the total cost ratio for any given function of expense represents the percentage relationship between the proportion spent for this purpose by a given city and average proportion so spent by all cities in the same group. Thus the proportion spent by Seattle for general control is only 79 per cent of the proportion so spent by the average city of its class. The proof of this theorem renders unnecessary the computation of a series of percentages showing just what proportion of the expenditures of each city goes for each function of expense. For instruction Seattle spends 88 per cent of the average proportion, and for operation, 98 per cent. For the other three functions, it exceeds the average proportion. Whenever this ratio of geometrical deviation is less than 1, the proportion spent by any city for this purpose is necessarily less than the average proportion so spent by all cities of its class. Whenever the ratio is greater than 1 the proportion of necessity is larger than the average proportion. It has been proved, therefore, that the relative position of a supplementary curve and the basal curve for any city indicates whether the proportion spent for the given function is high or low. Thus Cleveland is high on the proportion spent for general control, low on the proportion spent for instruction, and high on operation, maintenance, auxiliary agencies, and fixed charges. If the expenditures of every city were distributed in the same proportion as they are in the "average" city there would be no deviation from the total cost curve and all curves would coincide. The "spread" in the supplementary curves, therefore, denotes deviations. It should be remembered, however, that scalar deviations are different from percentage deviations, a deviation of 2 from the basal curve at the point 1.2 is only half as great a percentage of deviation as the same scalar deviation at point 0.6.

It will probably never happen, nor is it very desirable, that the supplementary curves will coincide exactly with the basal curve. Deviations may always be expected. The question is, How much deviation is practiced by the middle 23 cities? As in other measures of expenditures, the quartile points are here used to indicate the cities falling within and without the middle half. In Table 59, columns 10 and 11, it is found that one-fourth of the cities spend for instruction less than 91 per cent of the proportion spent by all cities. Another fourth spends more than 1.04 times the average proportion. Half of the cities spend from 91 to 104 per cent of the average pro-

portion. It is assumed, therefore, that the cities in Group I may vary from 91 to 104 per cent from the average proportion spent for instruction by all such cities without such costs being considered either high or low. In Table 58 it is shown that the average proportion spent for instruction in the cities of Group I is 75 per cent. Applying the percentages (91 and 104) to this proportion it is found that a city must spend for instruction from 68.25 to 78 per cent of its total cost if it comes within the zonal bounds of the middle half. The cities which spend more than 78 per cent for instruction, i. e., the cities which have a geometrical deviation greater than 1.04, have been indicated with the letter H in figure 37. Those cities spending less than 68.25 per cent for instruction, i. e., those cities with a geometrical deviation less than 91, have been indicated by the letter L in the figure. When these facts are considered, it is found in figure 37, Part A, that Seattle comes within the middle zone on the proportion spent for administration but stands low (L) on instruction costs. Cleveland stands high (H) on general control costs but low (L) on instruction costs. In this curve it is clearly seen that greater deviations (from 70 to 100) are permitted for overhead costs than for instruction costs (from 91 to 104)—the range in the former being 30 points and in the latter only 13 points. The range variations explain why Seattle is marked low (L) on instruction costs and not marked at all on administration costs which are even less than instruction costs (1.08 for general control and 1.21 for instruction) when compared with the average amounts spent for these respective functions.

With these explanations in mind, it is seen that Seattle spends for auxiliary agencies and for fixed charges more than the corresponding proportion so spent by the middle 50 per cent of the cities and for instruction less than the average percentage so spent by these 23 cities. It would have been incorrect to have inferred that the proportion spent for general control in Seattle was its most commendable expenditure simply because the index (1.08) for this purpose was lower than that for any other function of cost. The proportions spent for the other functions, operation and maintenance, come within middle bounds. These considerations relative to a distribution of expenditures do not vitiate the deductions made above, that the total unit cost in Seattle exceeds that of any other city represented and that the absolute unit cost for each function exceeds the average for the group on every count. Only on the cost for administration does this city entail a unit cost falling within the middle half of the cities.

In Cleveland the total cost per pupil is just above the middle half. For administration it spends considerably more than the average amount; for instruction a little less; for operation, maintenance,

and auxiliary agencies more than the average; and for fixed charges considerably more than the average. The high proportion spent for administration and the low proportion spent for instruction are outstanding, when judged by the practice of the middle half of the cities. This study does not attempt to say, however, that these distributions are unwise. If better results are secured by such asymmetrical distributions, the practice is not to be condemned. In fact, progress in school administration often evolves out of the extraordinary. This study attempts to point out where high or low expenditures are likely to be found; not to say why they exist or whether the expenditures are to be commended or condemned. A closer analysis of local conditions is necessary for sane judgments regarding a wise distribution of city school expenditures. It is hoped that the graphic presentations will stimulate interest in an analysis of city school expenditures and form a standard with which city school costs can be compared. Any wide variations from the general practice should receive the most careful scrutiny from those charged with administering city school finances. Unusually low costs also should challenge analysis.

#### THE NORM AND THE INDIVIDUAL CITY.

It is not practicable to study and to present graphically the expenditures of all city school systems. Those chosen probably represent the average conditions for all cities in their group. With these norms established, it becomes an easy matter to ascertain the location of any city not included in the graphic presentations. First, secure for the city in question data corresponding to that found in Table 58. Second, compute the average annual cost per pupil in average daily attendance for all purposes and for each function separately. Third, divide these average costs in the given city by the respective average costs for all cities shown in Table 22. The quotients thus obtained are used in locating the city on the proper graphs for its class—the quotient for the total cost determining its rank among the 45 cities, and the functional quotients, the respective points on the supplementary curves. Fourth, divide each ratio to the average for each function of expense by the corresponding ratio for the total cost for the city in question. The quotients correspond to those given in the paired columns 6 and 7, 10 and 11, 14 and 15, 18 and 19, 22 and 23, and 26 and 27 of Table 59. Fifth, mark with "H" all those quotients exceeding the respective third quartile points and with "L" all those quotients less than the respective first quartile points shown in the last line of each section of Table 59. In this manner any city may be superimposed on the graphs by inserting a new horizontal line at the proper place. Thus, with a

minimum of work the expenditures of any city not included in the diagrams can be analyzed and compared with 45 other cities of the same class. The only questionable phase of this procedure is that the additional city studied does not form a part of standard by which it is measured as do the other cities included in the graphs. The standard, however, would not be materially affected by the addition of a single city. In fact, it may be more desirable to compare a city with a standard of which it is not a part.

#### THE AVERAGE VERSUS THE MEDIAN.

By using the arithmetical average, it has been possible to incorporate in the same series of charts a study of the proportional distribution of expenditures as well as a comparative analysis of absolute costs. Had the median been used instead to indicate the central tendency a study of proportion distribution could not have been included, since it does not possess the necessary mathematical properties. The middle half and the quartile points have been indicated in each accompanying chart. A sort of hybrid has, therefore, been employed—the average and the middle half. One limitation of this method needs clarification. Each city contributes its "per pupil" weight in determining the basal arithmetical averages—the larger cities drawing the averages unduly near to them. The result is most pronounced in bunching the ratios either above or below the average of 1.00 as shown in columns 5 and 13 and in the paired columns 6 and 7, and 14 and 15 of Table 59, Group I. This asymmetrical apportionment of ratios does no particular harm since the range of the middle half is "skewed" accordingly. By classifying the cities according to size this undesirable tendency is practically nullified in the cities of the last four groups, since no city in any group is more than three times the size of another city in the same group. In Group I the cities vary greatly in size and some exert undue influence in displacing an average.



Table 60.—Annual cost of instruction per pupil in average daily attendance and the ratio of this average to the general average, 1917-18—Continued.

Cities.	Elementary schools and kindergartens.						Secondary (high) schools.				Vocational, normal, and special schools.				
	Total cost of instruction per pupil (day schools).		Ratio to average.	Average daily attendance.	Total cost of instruction.	Average cost per pupil.	Average daily attendance.	Total cost of instruction.	Average cost per pupil.	Ratio to average.	Average daily attendance.	Total cost of instruction.	Average cost per pupil.	Ratio to average.	
	Amount.	2													3
Lowell, Mass.	34.88		.80	9,535	275,368	28.88	1,368	80,815	58.68	.64	163	29,833	183.02	2.35	
Louisville, Ky.	34.12		.79	20,465	586,974	28.65	2,843	185,979	65.55	.71	497	40,139	80.76	1.04	
Richmond, Va.	33.91		.78	17,857	538,141	31.79	1,861	190,580	53.19	.58	782	27,294	31.90	1.45	
New Orleans, La.	33.15		.76	33,525	1,000,435	29.84	2,239	185,842	87.05	.74	303	41,384	136.58	1.75	
New Haven, Conn.	32.89		.76	11,225	353,357	27.49	3,464	186,647	54.43	.59	167	50,479	302.77	3.86	
Buffalo, N. Y.	32.86		.76	17,929	484,170	28.23	2,456	160,150	65.21	.71					
Bridgeport, Conn.	32.10		.73	17,478	484,191	28.94	1,726	97,789	56.64	.62	339	58,767	181.25	1.94	
Baltimore, Md.	31.47		.72	14,508	400,842	27.60	1,700	325,803	68.50	.74	278	27,270	88.80	1.37	
Atlanta, Ga.	31.17		.72	17,529	479,084	27.69	1,863	174,423	57.35	.53	463	15,457	28.60	.44	
Nashville, Tenn.	28.53		.61	12,012	372,071	22.65	1,343	73,833	56.40	.61	11	66	5,120	82.12	1.65
Birmingham, Ala.	23.68		.55	15,967	363,727	21.09	2,635	110,820	42.06	.46					
Average of total.	43.86			2,404,337	88,903,021	36.86	379,757	25,740,853	92.01	(*)	47,133	3,672,070	77.91		

\* Estimated.

\* First quartile is 1.04; third quartile, 0.80.

\* First quartile is 0.96; third quartile, 0.75.

GROUP II.

Pasadena, Calif.	75.05	2.08	1.91	4,722	286,112	\$56.36	1,494	200,413	\$134.15	2.04				
Battle, Mont.	68.78	1.91	1.99	6,055	379,647	62.70	890	98,031	110.15	1.67				
Berkley, Calif.	59.37	1.66	1.65	5,968	309,325	61.92	1,378	224,228	91.90	1.39				
Bayonne, N. J.	48.70	1.35	1.39	9,476	415,386	43.84	1,898	77,950	86.80	1.32	133	\$18,399	\$138.34	1.89
Day City, Mich.	47.00	1.32	1.35	3,961	215,800	42.94	840	63,200	79.00	1.30				
Dayton, Ohio	47.41	1.30	1.32	15,204	578,207	37.96	2,152	177,408	83.23	1.25				
Hartford, Conn.	43.42	1.19	1.25	17,307	684,142	39.53	2,358	159,341	67.15	1.62				
Salt Lake City, Utah	42.84	1.18	1.16	3,363	173,087	38.60	1,665	47,364	72.31	1.10				
Meriden, Conn.	42.42	1.17	1.24	7,865	305,032	39.08	1,297	77,656	56.86	.91				
Evansville, Ind.	42.04	1.17	1.24	7,865	305,032	39.08	1,297	77,656	56.86	.91				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	1.17	10.355	34.79	1.10	1.966	154,666	77.88	1.19	21	4,162	108.19	2.00
Tucson, Wash.	41.99	10,355	34.79	1.10	1.966	154,666	77.88	1.19	21	4,162	108.19	2.00
Washington, W. Va.	45.97	4,354	40.00	1.27	1.721	36,332	50.12	.77	..	..	..	..
Wopaki, Ill.	48.97	728,525	40.00	1.27	1.721	36,332	50.12	.77	..	..	..	..
St. Paul, Minn.	39.72	6,690	36.58	1.15	1.608	51,486	71.03	1.07	..	..	..	..
Duluth, Minn.	39.07	12,343	35.21	1.12	1.371	101,219	73.80	1.12	..	..	..	..
Birmingham, N. Y.	38.91	6,153	32.68	1.04	1.617	58,017	81.08	1.42	81	7,699	98.52	6.01
Chicago, Ill.	38.45	5,470	35.87	1.12	1.775	44,275	57.13	1.42	202	20,286	104.32	1.81
Terre Haute, Ind.	38.18	8,457	33.54	1.06	1.254	75,072	59.87	.91	244	21,387	87.67	1.88
Terre Haute, Ind.	37.47	6,212	33.35	1.06	1.688	51,366	74.66	1.13	..	..	..	..
Pawtucket, R. I.	37.19	8,129	33.35	1.06	1.184	89,461	75.56	1.15	..	..	..	..
Pewee, Ill.	37.19	9,567	33.35	1.06	1.022	49,950	68.44	1.04	..	..	..	..
Albany, N. Y.	36.76	5,465	31.01	1.06	1.272	62,230	67.42	1.02	..	..	..	..
Manchester, N. H.	36.28	8,318	30.97	.98	1.923	86,381	67.91	1.03	..	..	..	..
Canton, Ohio	34.87	4,067	29.09	.92	1.772	49,445	59.72	.91	..	..	..	..
Salem, Mass.	34.27	9,110	29.73	.94	1.087	68,427	65.90	1.00	..	..	..	..
Ellisburgh, N. J.	33.43	10,066	27.75	.88	1.642	104,231	63.51	.96	108	9,140	84.63	8.85
Lynn, Mass.	32.76	3,314	26.79	.85	1.756	39,270	49.84	.76	..	..	..	..
Oshkosh, Wis.	32.59	9,132	26.43	.94	1.710	95,328	55.75	.85	..	..	..	..
Fort Worth, Tex.	31.96	8,132	27.23	.84	1.925	62,822	49.96	.76	..	..	..	..
Wilkes-Barre, Pa.	30.45	9,752	27.23	.84	1.276	55,822	49.96	.76	..	..	..	..
Des Moines, Ia.	29.43	4,806	24.24	.77	1.043	53,172	52.32	.88	72	2,495	34.65	.35
Des Moines, Ia.	29.29	116,510	24.24	.77	1.043	53,172	52.32	.88	72	2,495	34.65	.35
Oklahoma, Okla.	28.79	10,300	25.20	.80	1.646	84,100	61.22	.78	..	..	..	..
Albany, Ohio	27.57	21,312	22.66	.72	1.526	970,052	81.22	1.02	25	4,950	19.80	.20
Albany, Ohio	27.16	2,330	23.02	.78	2,526	970,052	81.22	1.02	25	4,950	19.80	.20
Lebanon, Ky.	27.07	107,920	23.02	.78	1.646	27,175	63.21	.73	..	..	..	..
Kennett, Mo.	26.98	251,800	22.84	.73	1.646	87,675	63.21	.61	..	..	..	..
Chattanooga, Tenn.	26.56	126,120	22.84	.73	1.540	34,667	58.64	.89	..	..	..	..
Savannah, Ga.	25.64	8,450	22.84	.73	1.774	42,073	54.36	.83	..	..	..	..
Springfield, Mo.	22.64	4,914	20.20	.64	1.052	41,777	36.71	.60	..	..	..	..
Mobile, Ala.	22.21	4,778	19.92	.63	1.868	30,210	34.80	.53	..	..	..	..
Charleston, S. C.	21.85	4,949	20.06	.64	4.533	18,140	41.89	.64	..	..	..	..
Flint, Mich.	21.77	9,146	20.21	.64	6.983	29,309	42.29	.64	..	..	..	..
Little Rock, Ark.	21.43	7,220	17.33	.55	1,105	49,530	44.82	.68	..	..	..	..
Romona, Va.	20.98	115,211	18.90	.60	402	17,783	44.24	.67	..	..	..	..
Manassas, Va.	20.13	6,720	16.74	.55	578	24,714	42.76	.65	..	..	..	..
Manassas, Va.	18.28	3,720	16.74	.50	443	20,350	45.94	.70	..	..	..	..
Charlottesville, N. C.	18.28	77,614	15.76	.50	443	20,350	45.94	.70	..	..	..	..
Average or total	36.06	349,106	10,985,678	31.50	51,983	3,421,054	65.84	(*)	891	88,478	99.30	..

\* First quartile is 1.18; third quartile, 0.73.

\* First quartile is 1.12; third quartile, 0.77.

† Estimated.



TABLE 60.—Annual cost of instruction per pupil in average daily attendance and the ratio of this average to the general average, 1917-18—Continued.

Cities.	Total cost of instruction per pupil (day schools).			Elementary schools and kindergartens.						Secondary (high) schools.						Vocational, normal, and special schools.			
	Amount.	Ratio to average.		Average daily attendance.	Total cost of instruction.	Average cost per pupil.	Ratio to average.	Average daily attendance.	Total cost of instruction.	Average cost per pupil.	Ratio to average.	Average daily attendance.	Total cost of instruction.	Average cost per pupil.	Ratio to average.	Average daily attendance.	Total cost of instruction.	Average cost per pupil.	Ratio to average.
		3	4																
Brookline, Mass.	82.60	1.80	3,341	\$174,715	\$32.29	1.75	965	\$76,474	\$109.60	1.77	68	\$10,565							
Hackensack, N. J.	53.32	1.53	2,275	109,202	48.02	1.54	547	39,965	71.36	1.16	68	10,565							1.52
Great Falls, Mont.	51.12	1.47	3,310	145,584	44.07	1.47	598	58,930	90.02	1.45	217	20,337							
Chicopee, W. Va.	49.65	1.45	1,215	85,777	41.51	1.39	217	20,337	98.72	1.51	475	35,670							
Selden, Ore.	44.95	1.34	2,321	90,119	38.82	1.34	379	35,107	71.86	1.31	113	19,069							
Butte, Idaho	46.85	1.33	2,575	145,324	46.85	1.26	577	60,267	68.74	1.11	19	719							
Colorado Springs, Colo.	46.18	1.33	6,185	284,091	37.99	1.27	1,180	101,335	89.68	1.44	113	19,069							
Fresno, Calif.	45.96	1.32	2,579	93,281	34.15	1.21	451	40,179	92.22	1.50	113	19,069							
St. Louis Falls, Dak.	44.34	1.27	3,867	128,107	33.15	1.31	451	40,179	92.22	1.50	113	19,069							
Concord, N. H.	44.11	1.27	1,566	69,040	36.15	1.31	451	40,179	92.22	1.50	113	19,069							
Medford, Wis.	43.94	1.26	2,626	114,226	34.85	1.31	451	40,179	92.22	1.50	113	19,069							
Williamsburg, Va.	42.50	1.22	2,626	114,226	34.85	1.16	585	46,223	79.01	1.27	19	719							1.40
Bellingham, Wash.	42.45	1.22	8,014	104,226	34.85	1.16	882	61,160	69.33	1.12	19	719							1.32
Clinton, Iowa	42.14	1.21	1,887	71,812	37.95	1.27	503	29,098	57.85	1.12	19	719							
Newport, R. I.	39.59	1.14	2,912	93,967	32.78	1.08	421	41,945	80.61	1.30	483	46,102							
Ogden, Utah	39.17	1.12	5,043	170,353	33.08	1.13	483	46,102	85.45	1.54	733	49,086							
Springfield, Ark.	38.68	1.12	2,979	111,280	39.08	1.31	483	46,102	85.45	1.54	733	49,086							
Richmond, W. Va.	38.60	1.11	2,979	94,031	31.56	1.05	733	49,086	68.19	1.10	461	25,314							
Sanvauville, Kans.	38.72	1.11	1,692	57,006	31.30	1.15	461	25,314	64.68	1.38	285	22,891							
Lawrence, N. Mex.	38.25	1.10	1,775	56,910	31.60	1.05	285	22,891	80.32	1.29	439	26,024							
Albuquerque, N. Mex.	38.24	1.10	2,472	79,375	32.87	1.10	439	26,024	59.28	1.05	424	25,963							
Burlington, Vt.	35.82	1.03	7,774	55,066	28.98	1.00	424	25,963	61.23	0.99	305	26,683							
Grand Island, Nebr.	34.76	1.08	1,974	57,941	29.13	0.97	305	26,683	67.49	1.09	25	4,830							1.61
Ithaca, N. Y.	34.05	0.98	1,631	45,852	26.26	0.88	964	26,111	49.01	0.79	21	1,530							
Battle Creek, Mich.	34.02	0.98	1,350	131,110	29.93	1.00	909	46,854	53.74	0.87	21	1,530							
Manitowish, Minn.	32.99	0.95	1,421	97,373	28.43	0.95	459	29,494	64.24	1.03	21	1,530							
Rock Island, Ill.	32.91	0.94	3,421	97,373	28.43	0.92	602	24,146	56.72	0.91	31	4,830							
Lorain, Ohio	32.32	0.93	4,774	139,800	29.24	0.98	602	24,146	56.72	0.91	31	4,830							
Newsall, Conn.	30.77	0.89	2,769	71,840	25.81	0.88	1,000	44,366	44.36	0.71	31	4,830							
Waco, Tex.	29.62	0.85	5,100	148,770	28.67	0.86	1,117	38,031	34.05	0.55	31	4,830							
Montgomery, Ala.	29.61	0.85	4,064	101,868	24.95	0.83	1,117	38,031	34.05	0.55	31	4,830							
Fort Smith, Ark.	28.93	0.77	3,484	76,584	21.98	0.73	1,532	33,441	24.53	0.58	31	4,830							

GROUP III.

Kilbuck, Ind.	26.51	76	2,757	63,481	23.03	77	539	23,902	41.35	71	103	71,220	68.83	57
Auburn, Me.	23.88	69	1,907	38,418	20.37	68	432	17,025	39.41	63				
Jefferson City, Mo.	23.43	67	1,316	24,072	18.34	61	280	12,226	33.16	46				
Columbus, Ga.	22.39	64	3,112	57,765	18.56	62	246	11,723	33.88	55				
Jackson, Miss.	21.73	62	2,299	38,628	18.90	56	430	20,440	48.67	78				
Paducah, Ky.	20.20	58	2,898	53,560	18.48	62	340	11,806	31.90	56				
Petersburg, Va.	20.03	58	3,647	66,221	16.48	65	449	22,069	48.22	79				
Washington, N. C.	19.40	56	2,603	43,185	16.38	55	347	12,081	34.73	60				
Chattanooga, Tenn.	18.71	53	2,698	52,660	15.43	52	823	26,336	32.00	52				
Shreveport, La.	18.51	52	2,207	33,053	14.99	50	317	12,789	40.25	65				
Birmingham, Ala.	18.17	47												
Jackson, Tenn.	16.42	47												
Spartanburg, S. C.	16.05	46	2,905	41,433	14.28	48	323	10,331	31.98	52				
Average.	34.81		123,196	3,688,340	29.92	(F)	24,159	1,499,923	62.09	(C)	400	47,923	119.81	

\* First quartile is 1.16; third quartile, 0.78.

GROUP IV.

\* First quartile is 1.24; third quartile, 0.75.

St. Paul, Minn.	368.28	1.86	1,866	397,661	452.83	1.98	263	\$25,836	\$102.12	1.80				
St. Louis, Mo.	34.01	1.73	1,041	81,647	49.81	1.87	279	16,950	74.02	1.81				
San Francisco, Calif.	46.34	1.69	2,438	97,291	89.66	1.61	295	37,627	130.16	2.20				
Leed, S. Dak.	46.21	1.68	933	84,191	85.65	1.38	323	23,186	99.51	1.76				
Brattleboro, Vt.	43.70	1.40	670	21,195	37.15	1.40	245	12,425	66.71	1.90				
Salina, Kans.	41.83	1.23	1,843	64,678	36.09	1.33	440	80,181	68.48	1.21				
Sheridan, Wyo.	40.97	1.30	1,372	43,373	34.36	1.29	306	30,600	67.82	1.19				
Bismarck, N. Dak.	38.88	1.22	786	31,000	27.42	1.04	188	16,800	84.04	1.49				
Bismarck, N. Dak.	38.88	1.22	2,170	64,134	38.66	1.12	197	26,998	131.66	2.83				
Bismarck, N. Dak.	38.88	1.22	1,475	42,860	32.08	1.25	119	22,272	88.39	1.95				
Oakland, Oreg.	37.99	1.20	1,497	31,521	32.36	1.27	398	21,776	68.17	1.05				
Kalamazoo, Mich.	36.64	1.16	1,897	41,521	32.36	1.27	398	21,776	68.17	1.05				
Charleston, S. C.	35.64	1.14	1,291	33,458	28.82	1.09	395	22,350	56.54	1.00				
De Kalb, Ill.	34.36	1.10	1,492	38,450	27.43	1.04	395	22,350	56.54	1.00				
Vancouver, Wash.	34.36	1.10	1,223	37,913	31.00	1.17	287	13,978	48.70	1.80				
Fremont, Nebr.	33.49	1.07	1,397	40,254	29.46	1.11	311	15,941	51.26	1.81				
Waukegan, Wis.	33.21	1.06	1,211	33,159	29.03	1.10	352	16,741	47.56	1.84				
Iron Mountain, Mich.	32.46	1.04	1,908	55,850	29.29	1.11	370	18,112	51.97	1.92				
Pocatello, Idaho	31.61	1.01	1,705	50,572	28.65	1.08	247	12,830	51.94	1.92				
Dublin, Ga.	31.47	1.01	913	24,776	27.14	1.02	184	9,880	52.55	1.75				
Fort Arthur, Tex.	31.22	1.00	2,810	67,658	24.08	1.01	286	29,292	99.29	1.75				
Braintree, Mass.	30.64	0.98	1,491	42,102	28.24	1.07	259	11,594	44.76	1.77				
Grand Junction, Colo.	29.92	0.96	1,341	36,056	26.39	1.02	298	12,983	43.57	1.77				
Rosewell, N. Mex.	29.04	0.93	1,212	29,779	24.53	0.93	290	13,691	48.54	1.86				
Herkimer, N. Y.	28.68	0.92	1,263	29,380	22.68	0.98	200	11,152	58.76	1.99				
Rock Hill, S. C.	28.30	0.89	1,788	38,061	22.84	0.94	339	11,305	21.55	0.59				
Rock Hill, S. C.	28.30	0.89	1,788	38,061	22.84	0.94	339	11,305	21.55	0.59				
Logan, Utah	26.60	0.85	1,679	44,651	26.50	1.00	158	6,641	35.32	0.62				
Bowling Green, Ky.	26.13	0.84	1,023	24,322	23.68	1.01	165	6,574	41.60	0.74				
Granton, W. Va.	26.30	0.81	998	20,330	20.57	0.73	214	11,353	63.05	0.91				

3,290

101.88

32

0.59

0.62

0.74

0.91

TABLE 60.—Annual cost of instruction per pupil in average daily attendance and the ratio of this average to the general average, 1917-18—Continued.

GROUP IV—Continued.

Cities.	Total cost of instruction per pupil (day schools).			Elementary schools and kindergartens.					Secondary (high) schools.					Vocational, normal, and special schools.				
	Amount.	Ratio to average.	Ratio to average.	4	5.	6	7	8	9	10	11	12	13	14	15	16	17	18
Arkmore, Okla.	\$24.42	.78	.78	1,566	\$23,365	\$21.32	.81	337	\$13,065	\$38.83	.69							
Bristol, R. I.	24.71	.77	.77	1,459	30,331	20.93	.79	159	8,459	53.13	.94							
East Hartford, Conn.	23.74	.73	.73	1,428	33,646	19.41	.73	251	13,443	53.56	.95							
Rochester, N. H.	22.70	.73	.73	1,048	17,784	18.50	.75	222	7,690	34.64	.61							
Salisbury, Md.	22.49	.72	.72	1,078	17,784	18.50	.62	319	13,637	42.75	.76							
Bristol, Va.	22.07	.71	.71	919	16,810	18.50	.69	18	6,080	51.33	.91							
Wellsville, Ohio	21.08	.67	.67	1,156	20,389	17.64	.69	223	7,728	38.80	.69							
Tuscaloosa, Ala.	20.78	.66	.66	1,402	21,415	18.57	.70	240	9,895	40.43	.54							
Wynessboro, Pa.	20.34	.65	.65	1,326	21,500	16.21	.63	254	10,595	41.36	.73							
Greenville, Miss.	20.26	.65	.65	1,326	21,500	16.21	.63	254	10,595	41.36	.73							
Cartersville, Ga.	19.25	.62	.62	1,637	25,036	15.29	.58	365	14,078	35.64	.52							
Rocky Mount, N. C.	16.81	.54	.54	1,472	22,090	15.01	.57	172	5,545	32.24	.53							
Rock Hill, S. C.	16.44	.53	.53	840	11,130	13.25	.50	108	4,459	41.20	.73							
La Fayette, La.	15.65	.50	.50	1,034	10,065	9.72	.37	91	7,550	82.97	1.47							
Columbus, Tenn.	14.70	.47	.47	1,247	11,900	9.46	.36	246	10,150	41.26	.73							
Average	31.29			60,185	1,563,730	26.48	(19)	10,886	616,050	56.59	(11)							

\* Township high school.      \* County high school.      \* First quartile is 1.15; third quartile, 0.71.      \* First quartile is 1.03; third quartile, 0.73.

GROUP V.

Monrovia, Calif.	968.69	2.36	2.36	574	\$28,770	\$50.12	2.13	204	\$24,660	\$120.93	2.20							
Boston, N. Mex.	48.69	1.67	1.67	827	35,886	43.70	1.83	167	12,601	74.86	1.36							
Grafton, N. H.	47.70	1.64	1.64	111	5,295	47.70	2.03											
Red Lodge, Mont.	41.25	1.42	1.42	906	37,377	41.25	1.75											
Newnan, Iowa	39.58	1.36	1.36	754	18,553	24.61	1.05	262	22,453	79.62	1.45							
Warry, Utah	37.55	1.29	1.29	891	28,725	33.36	1.42	60	5,867	90.78	1.81							
Yankton, S. Dak.	37.19	1.28	1.28	653	18,366	27.70	1.18	186	13,583	69.30	1.26							



Elmhurst, Wash.	37.11	1.27	566	17,740	29.62	1.26	194	14,691	60.26	1.09
Clifton, Ark.	26.86	1.26	1,155	32,691	27.78	1.18	68	12,963	191.07	3.47
Collingwood, N. J.	35.78	1.23	1,026	32,174	31.36	1.33	369	15,397	50.48	1.13
Springfield, Va.	35.21	1.21	624	16,778	26.89	1.14	194	12,626	61.99	1.13
Jameson, N. Dak.	34.86	1.20	677	22,155	32.73	1.39	324	12,136	79.31	1.19
Dodge, Kas.	31.88	1.16	759	17,745	31.35	1.16	183	11,395	61.68	1.12
Lamar, Colo.	31.71	1.09	630	14,341	24.76	1.07	164	11,398	69.13	1.26
Oregon City, Ore.	30.63	1.06	651	16,533	25.49	1.08	293	12,379	42.25	1.17
Alliance, Neb.	30.30	1.04	781	19,843	25.41	1.08	230	10,790	46.81	1.06
Jackson City, N. Y.	29.62	1.03	612	14,515	23.72	1.07	162	8,459	64.57	1.17
Truist River Falls, Minn.	29.01	1.02	935	25,490	25.10	1.07	131	8,459	64.57	1.17
Millinocket, Me.	28.62	0.99	649	18,170	19.83	1.19	283	17,091	58.33	1.06
Ripon, Wis.	28.00	0.98	545	12,520	22.97	1.08	75	7,574	48.24	1.17
Teahoe Falls, Idaho	27.89	0.96	650	28,833	21.74	0.92	234	15,071	64.41	1.17
Marshall, Mo.	27.83	0.95	733	16,314	21.67	0.92	263	10,563	40.24	1.13
Batesville, Pa.	27.39	0.93	637	13,463	20.49	0.87	135	8,300	62.15	1.13
Cyrus, N. Y.	26.85	0.92	384	8,741	22.76	0.97	145	5,833	40.23	1.13
Willsboro, N. J.	26.42	0.91	181	15,240	22.16	0.90	53	2,475	46.70	1.24
Wilmington, N. Va.	25.78	0.90	891	15,240	22.16	0.94	122	4,917	68.29	1.24
Madison, Ind.	25.30	0.87	426	8,415	19.32	0.82	107	5,335	49.77	0.90
Medina, Ohio	25.02	0.86	578	18,589	16.59	0.70	199	9,481	49.50	0.90
East Greenwich, R. I.	24.93	0.86	405	10,088	24.93	1.06	110	5,085	46.23	0.84
Sanford, Fla.	23.89	0.82	550	10,084	19.43	0.83	110	8,400	36.36	0.66
Hobart, Okla.	23.87	0.82	634	12,245	19.31	0.82	231	8,405	39.02	0.71
Bonham, Tex.	22.77	0.82	787	14,553	18.97	0.81	241	9,405	39.02	0.71
Millard, Conn.	22.47	0.77	1,286	23,450	18.25	0.78	110	7,900	71.82	1.30
Warrenburg, Va.	19.81	0.68	885	13,357	15.09	0.64	137	6,890	50.29	0.91
Easton, Md.	18.10	0.66	566	6,990	12.35	0.52	128	6,225	49.40	0.90
Monroe, N. C.	17.36	0.60	762	12,295	16.35	0.69	115	2,757	22.97	0.44
East Point, Ga.	14.21	0.49	899	14,330	13.08	0.58	63	1,933	36.71	0.56
Opelika, Ala.	14.15	0.49	945	9,660	11.10	0.47	155	4,675	30.18	0.55
Wrens, Ark.	13.42	0.46	474	6,100	12.87	0.58	111	1,750	15.77	0.29
Wagoner, Okla.	13.29	0.46	701	6,840	9.34	0.40	191	3,975	43.68	0.79
Lebanon, Tenn.	11.39	0.40	777	7,621	9.81	0.42	113	2,700	23.89	0.43
Average	29.15		31,794	748,572	23.54	(12)	6,905	380,112	55.06	(13)

u First quartile is 1.17, third quartile, 0.73.

u First quartile is 1.15, third quartile, 0.82.

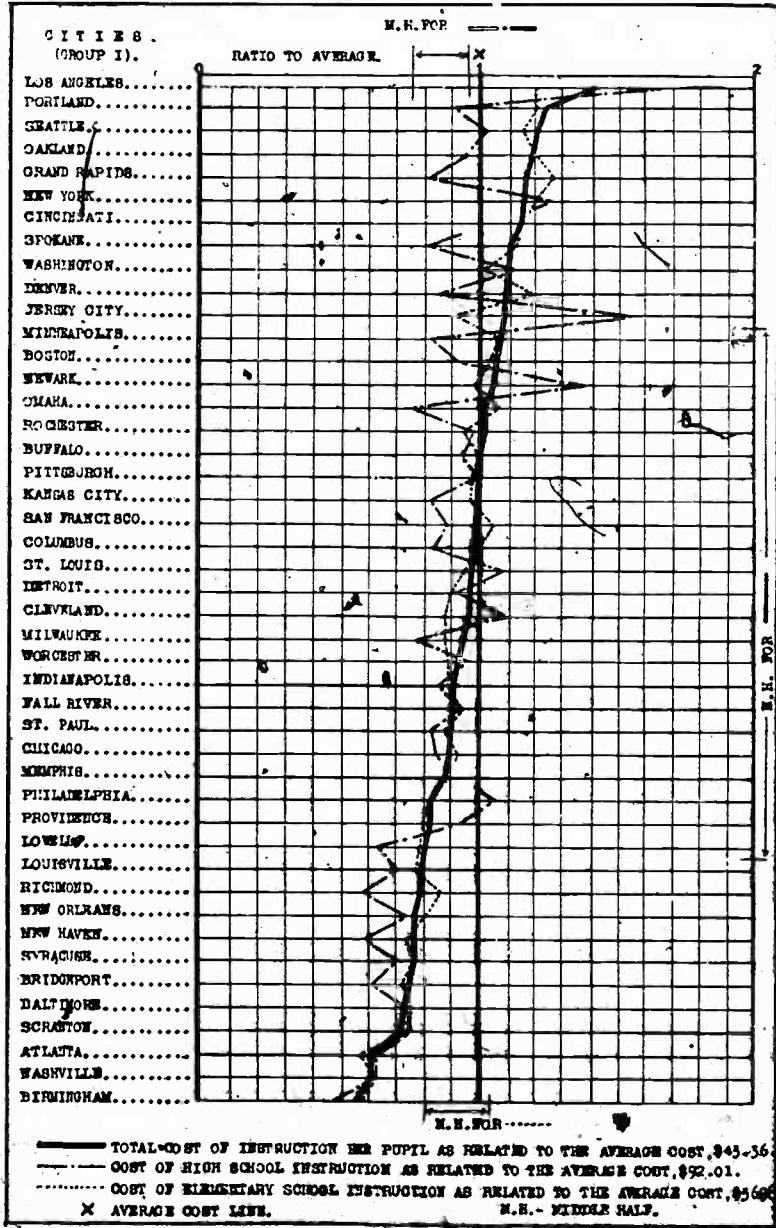


FIG. 42.—Annual cost of instruction per pupil as related to average daily attendance in elementary, in secondary, and in all schools in cities of Group I, 1917-18.

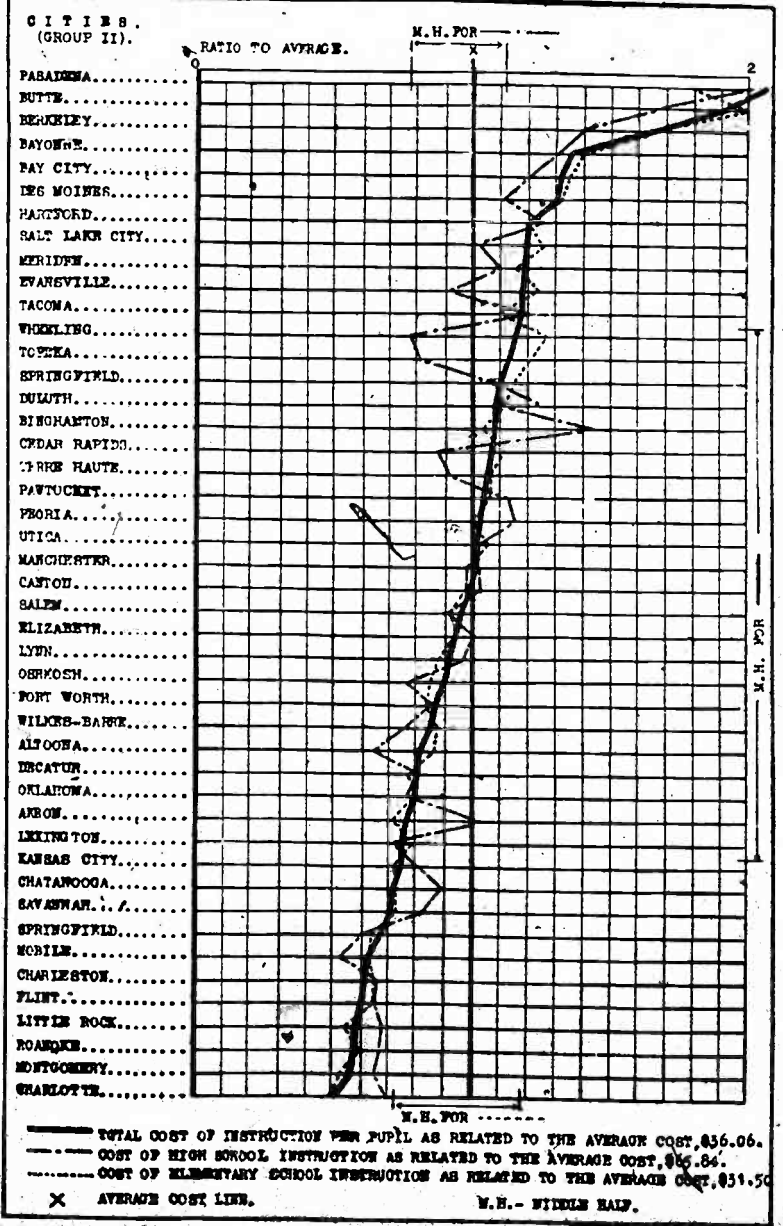


FIG. 43.—Annual cost of instruction per pupil in average daily attendance in elementary, in secondary, and in all schools in 45 cities of Group II, 1917-18.

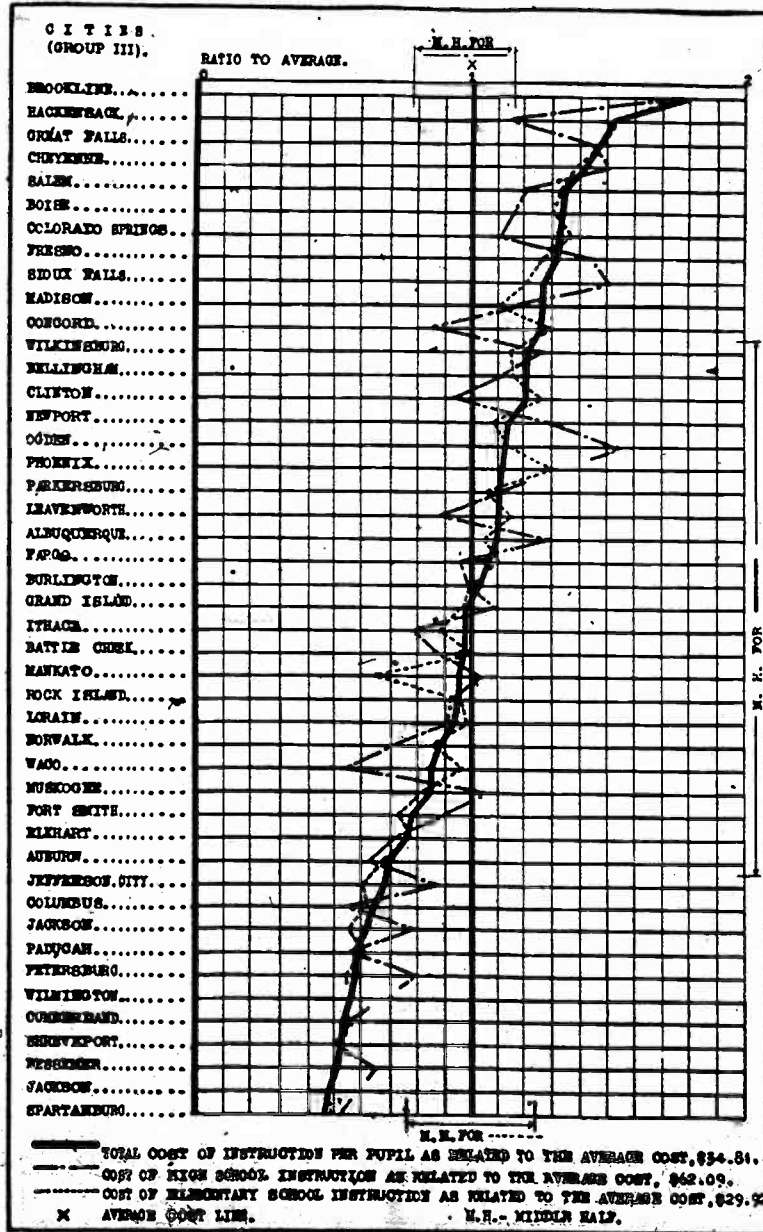


FIG. 44.—Annual cost of instruction per pupil in average daily attendance in elementary, in secondary, and in all schools in 46 cities of Group III, 1917-18.

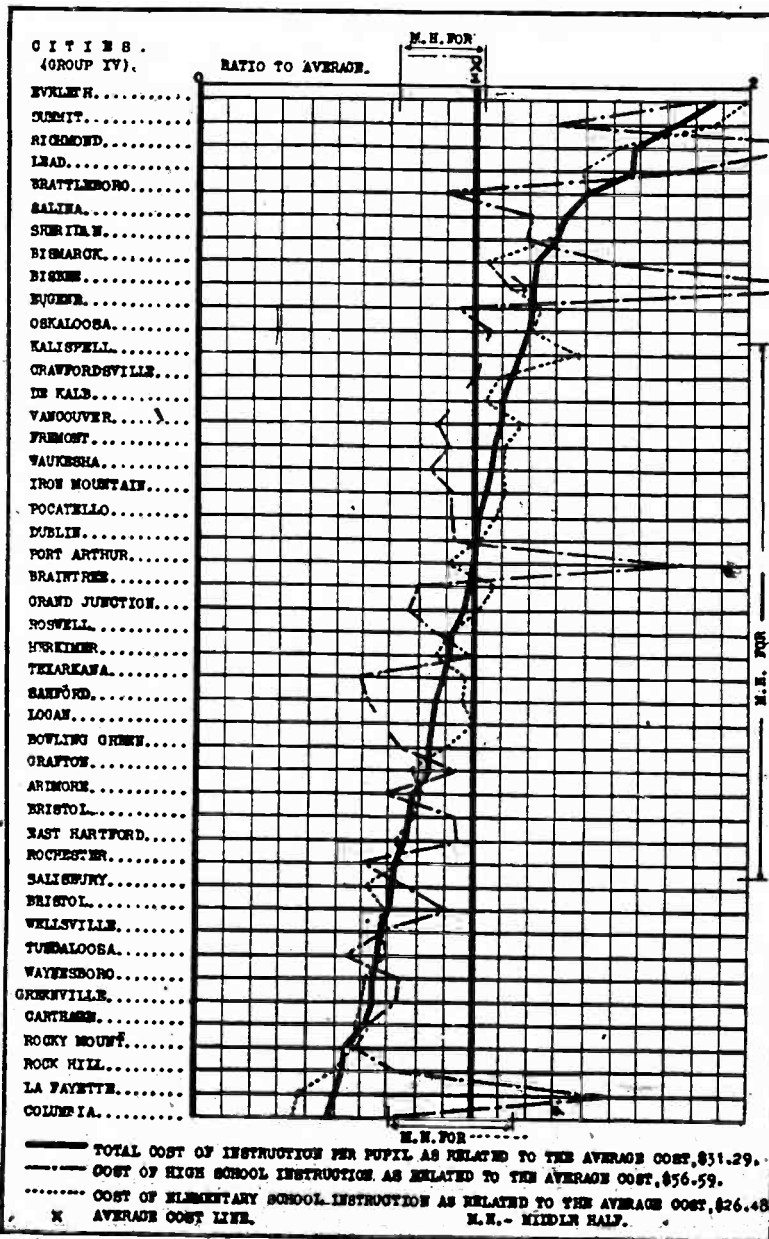


FIG. 45.—Annual cost of instruction per pupil in average daily attendance in elementary, in secondary, and in all schools in 45 cities of Group IV, 1917-18.



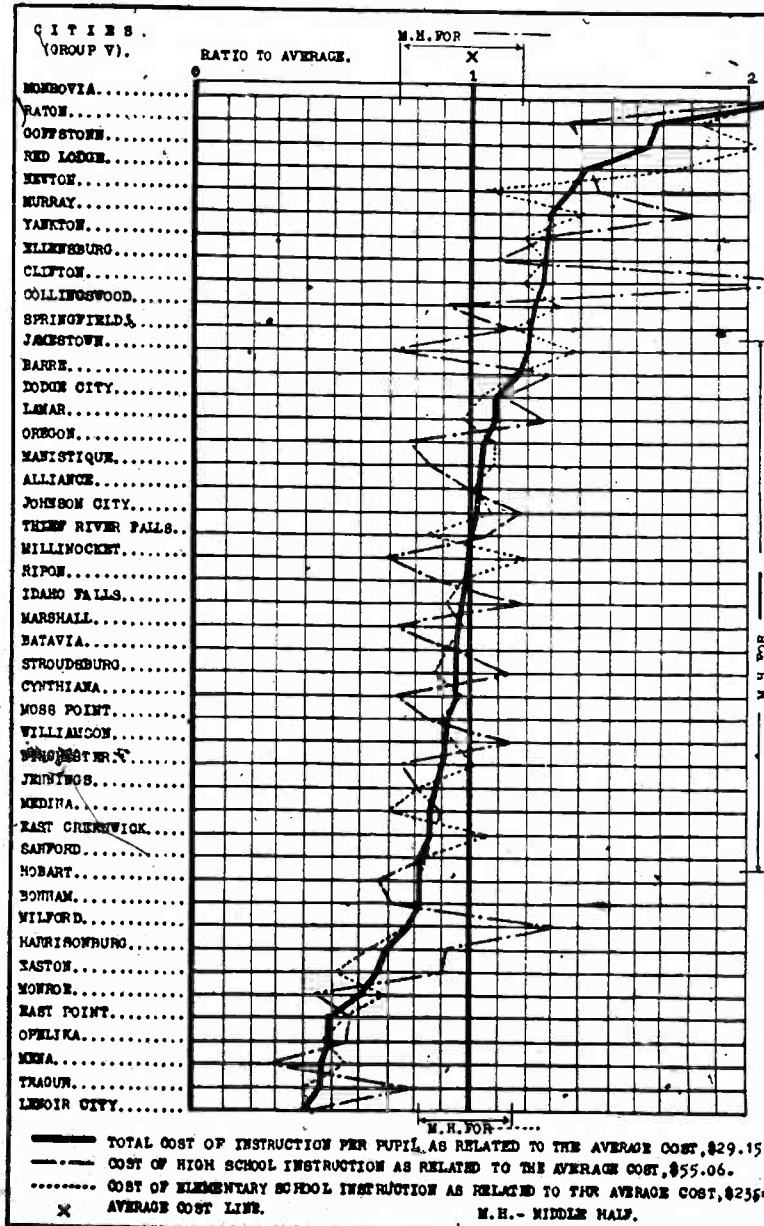


FIG. 48.—Annual cost of instruction per pupil in average daily attendance in elementary, in secondary, and in all schools in 45 cities of Group V, 1917-18.

## COST OF INSTRUCTION IN ELEMENTARY AND SECONDARY SCHOOLS.

In Table 60 the 225 cities whose expenditures have just been analyzed have been rearranged in the order of the total cost of instruction per pupil in average daily attendance in all day schools. Thus, in Group I Los Angeles ranks first with a per capita of \$61.31; Portland, Oreg., second with a per capita of \$53.62; and Seattle, third with a unit cost of \$52.45. The corresponding average for the whole group is \$43.86. Los Angeles spends 1.41, Portland 1.24, and Seattle 1.21 times this average. These points are plotted in figure 42 at the beginning of the continuous heavy black curve. This curve shows whether a city spends a large or small amount as compared with the amount spent by the average city of its class, and whether it spends more or less than its "neighbors." The "middle-half" on this curve has been indicated by the arrow heads at the extreme right of the diagrams. The highest 11 and the lowest 11 cities are outside of the "middle-half" on the total per capita cost for instruction.

Corresponding per capita costs and ratios have been computed for elementary, for secondary, and for vocational, normal, and special schools. Only the ratios for elementary and secondary schools have been plotted in the diagrams, since some cities report no expenditures for schools of the latter types. An inspection of the diagrams shows that Los Angeles spends for elementary school instruction 1.20 times as much per pupil as the average city, and for high school instruction 1.65 times as much as the average city spends. It stands slightly above the "middle-half" in elementary school costs, but decidedly above the third quartile in high school costs. Portland stands high in elementary school costs but low in high school costs. Seattle stands just above the third quartile in both counts. Jersey City ranks very high in secondary school costs. As different numbers representing the average daily attendance in the different types of schools have been used in securing the three series of ratios used in the diagram, these groups do not show whether the proportion spent for elementary and for secondary school instruction in the same cities is high or low. Since the continuous heavy black curve includes the cost of instruction in vocational, normal, and special schools, it often does not occupy an intermediate position between those curves representing elementary and secondary school costs. In a similar manner the costs of elementary and secondary school instruction in the other groups of cities have been pictured in figures 43, 44, 45, and 46.

It has already been shown that the total cost of instruction per pupil in daily attendance increases, in general, with the population of the cities. It is shown in these five serial diagrams that the same

principle holds for both elementary and secondary school costs. The average unit cost of high school instruction in Group I is \$92.01; in Group II, \$65.84; in Group III, \$62.09; in Group IV, \$56.59; and in Group V, \$55.06. Considerable difference prevails between these costs in very small and in very large cities. Elementary school costs for instruction in Group I average \$36.98; in Group II, \$31.50; in Group III, \$29.92; in Group IV, \$26.48; and in Group V, \$23.54. In the chapter on public high schools it is shown that the relationship between elementary and secondary school costs for operation, maintenance, auxiliary agencies, and fixed charges is about the same as that existing between such costs for instruction only. In other words, if it costs twice as much per year to provide instruction for a secondary as for an elementary school pupil, the total annual cost of high school education will also be about double that provided in the elementary schools. If this deduction applies to city schools as well as to all schools combined, the relative unit of cost of elementary and secondary education in city schools can be readily determined. Thus, in Group I the annual cost of high school education per student is 2.48 (\$92.01 divided by \$36.98) times the cost of elementary school education. In Group II the corresponding ratio is 2.09; in Group III, 2.08; in Group IV, 2.14; and in Group V, 2.34. From these percentages it is seen that high school education costs, approximately, from two to two and one-half times as much as elementary school education. The corresponding ratio for an equal number of days schooling for the whole country—urban and rural schools combined—is 2.40, as shown in chapter on public high schools. Above it has been pointed out that for the cities in Group I the amount spent for instruction is 75 per cent of the total current expenses.

Applying this percentage to the average costs shown in figure 42 (\$92.01 and \$36.98), it is found that the total annual cost per pupil in high schools in the largest cities is \$122.68 and in elementary schools is \$49.31. Applying in a like manner the percentage 69.2, 69.7, 65.9, and 65.5 to the average costs for Groups II, III, IV, and V shown in Table 58, the corresponding costs for Group II are estimated to be \$95.14 and \$45.52; for Group III, \$89.08 and \$42.93; for Group IV, \$55.87 and \$40.18; and for Group V, \$84.06 and \$35.94, respectively. It should be remembered that these considerations do not take into account any expenditures for new buildings, grounds, or new equipment.

TABLE 61.—Average annual salaries of teachers in 160 city school systems, 1917-18.

GROUP I (10 CITIES).

Cities.	Elementary (including kindergarten).			Secondary (high).			All teachers.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
1	2	3	4	5	6	7	8	9	10
San Francisco, Calif.	\$1,508	\$1,655	\$1,063	\$1,789	\$1,695	\$1,722	\$1,701	\$1,104	\$1,140
Denver, Colo.	772	1,093	1,072	1,952	1,518	1,639	1,422	1,092	1,121
Bridgeport, Conn.		787	787	1,600	956	1,142	1,173	836	853
Louisville, Ky.	635	672	671	1,446	981	1,181	1,291	711	762
Cambridge, Mass.	1,039	915	918	1,590	1,106	1,262	1,498	949	1,002
Grand Rapids, Mich.	1,189	848	868	1,264	1,051	1,117	1,355	822	877
St. Paul, Minn.				1,279	1,323	1,308			
Kansas City, Mo.	834	924	920	1,564	1,297	1,413	1,361	982	1,037
Omaha, Nebr.		857	857	1,032	1,327	1,246	1,020	919	924
Paterson, N. J.	1,608	784	797	1,266	1,054	1,172	1,323	792	843
First quartile	772	785	792	1,266	1,051	1,172	1,232	807	848
Median	1,039	857	868	1,505	1,197	1,254	1,355	919	924
Third quartile	1,508	990	992	1,600	1,327	1,413	1,460	1,037	1,079

GROUP II (21 CITIES).

Montgomery, Ala.	\$600	\$525	\$520	\$1,000	\$899	\$930	\$907	\$572	\$585
Sacramento, Calif.	1,267	1,112	1,118	1,555	1,473	1,504	1,489	1,165	1,185
New Britain, Conn.	612	524	529	722	708	766	934	569	613
Jacksonville, Fla.	811	552	566	1,979	947	1,196	1,130	578	617
Macon, Ga.	531	461	463	1,127	561	784	978	475	516
Savannah, Ga.	1,903	699	725	1,667	1,015	1,328	1,728	720	795
Decatur, Ill.	1,264	510	535	816	878	854	902	580	619
Topeka, Kans.	858	829	831	999	957	967	939	857	867
Covington, Ky.		769	769	1,306	818	1,017	1,241	774	811
Lansing, Mich.	1,050	734	736	1,223	778	914	1,208	740	767
Perth Amboy, N. J.	2,135	778	793	1,257	1,125	1,191	1,382	801	842
West Hoboken, N. J.		929	929	1,619	1,210	1,359	1,619	955	987
Schenectady, N. Y.	1,113	718	726	1,215	1,053	1,088	1,180	782	783
Akron, Ohio		947	947	1,202	1,047	1,127	1,262	964	980
Allentown, Pa.	1,004	828	866	1,459	1,084	1,331	1,206	847	934
York, Pa.	1,106	463	534	1,152	574	805	1,164	472	588
Pawtucket, R. I.	964	649	651	1,187	878	972	1,158	673	698
Port Worth, Tex.	764	687	691	1,162	844	936	1,017	718	751
San Antonio, Tex.	971	887	890	1,415	1,232	1,284	1,287	948	979
Roanoke, Va.	1,251	533	545	2,388	712	1,026	1,820	545	582
Racine, Wis.		727	727	1,288	870	970	1,288	753	779
First quartile	788	520	540	1,140	798	922	998	575	615
Median	1,004	718	726	1,257	899	1,017	1,206	740	779
Third quartile	1,258	829	844	1,507	1,069	1,240	1,335	852	901

GROUP III (39 CITIES).

Bessemer, Ala.	\$662	\$483	\$490	\$962	\$666	\$725	\$937	\$517	\$541
Gadsden, Ala.	495	399	425	810	579	612	1,153	422	451
Santa Cruz, Calif.	1,350	851	872	1,438	1,283	1,342	1,420	947	1,015
Middletown, Conn.		782	792	1,233	973	1,002	1,233	852	860
Waycross, Ga.	585	566	567	1,100	747	806	843	584	594
Chicago, Ill.		6	631	939	727	814	909	646	676
Freeport, Ill.	1,100	685	691	1,288	1,036	1,131	1,269	749	805
Rock Island, Ill.	1,300	736	746	928	827	857	990	752	772
Mishawaka, Ind.		804	804	1,310	807	1,017	1,310	804	841
Iowa City, Iowa	1,000	682	690	914	598	663	925	648	678
Owensboro, Ky.	864	453	495	1,423	654	910	1,163	490	500
Monroe, La.	540	528	529	750	811	796	645	592	590
Clinton, Mass.		695	695	864	937	901	854	720	733
Gloucester, Mass.		614	614	1,070	855	891	1,070	659	674
Greenfield, Mass.	1,480	654	668	1,033	835	872	1,146	686	710
Medford, Mass.	900	642	645	1,255	718	862	1,221	658	717
Methuen, Mass.	1,200	694	701	1,400	826	1,052	1,333	712	734
Newburyport, Mass.		534	524	1,103	730	804	1,103	576	604
North Adams, Mass.		667	667	1,350	906	1,046	1,350	718	765
Alpena, Mich.	568	549	551	1,321	850	967	1,004	668	682
Ishpeming, Mich.		794	794	1,104	757	1,013	1,104	626	656
Grand Island, Nebr.	900	663	667	1,164	815	932	1,126	689	727
Berlin, N. H.	1,050	763	772	1,319	967	974	1,289	741	842
Bloomfield, N. J.	890	838	842	1,067	1,500	1,561	1,333	896	963

TABLE 61.—Average annual salaries of teachers in 160 city school systems, 1917-18—Con.

GROUP III (39 CITIES)—Continued.

Cities.	Elementary (including kindergarten).			Secondary (high).			All teachers.		
	Men.	Wom- en.	Total.	Men.	Wom- en.	Total.	Men.	Wom- en.	Total.
	1	2	3	4	5	6	7	8	9
Montclair, N. J.	\$950	\$923	\$925	\$1,535	\$1,532	\$1,533	\$1,333	\$1,010	\$1,051
Albuquerque, N. Mex.	714	714	1,243	1,083	1,106	1,243	786	800	800
Winston-Salem, N. C.	412	412	1,042	800	840	1,042	455	468	468
Piqua, Ohio	700	627	629	816	665	736	804	633	657
Mount Carmel, Pa.		545	545	1,500	787	838	1,500	584	600
Plymouth, Pa.	818	539	535	766	532	571	805	538	556
Cleburne, Tex.	739	439	473	1,043	810	888	910	530	599
Paris, Tex.	1,035	523	589	1,108	823	872	1,057	594	659
San Angelo, Tex.	1,075	615	625	1,008	1,254	1,131	1,018	691	730
Ordan, Utah	850	578	584	1,334	834	1,102	1,200	645	647
Barro, Vt.	660	402	494	1,350	587	722	1,163	513	552
Everett, Wash.	1,127	872	884	1,412	1,280	1,327	1,344	965	1,016
Beloit, Wis.		531	531	1,049	801	871	1,009	579	611
Fond du Lac, Wis.		540	540	1,167	768	847	1,167	583	610
Madison, Wis.	1,234	653	669	1,792	1,264	1,356	1,449	773	825
First quartile	818	534	540	1,008	727	814	900	583	600
Median	925	631	631	1,164	815	891	1,153	658	678
Third quartile	1,127	735	737	1,350	957	1,052	1,289	752	805

GROUP IV (45 CITIES).

Talladega, Ala.	\$540	\$580	\$580	\$988	\$988	\$988	\$648	\$648	\$648
Globe, Ariz.	927	927	\$1,144	1,092	1,087	\$1,144	932	907	907
Prescott, Ariz.	\$1,138	1,146	1,146	2,400	1,381	1,538	1,867	1,206	1,274
Gainesville, Ga.	700	346	359	1,100	833	967	1,000	397	470
Granite City, Ill.		676	575	1,196	949	1,619	1,196	628	659
Monmouth, Ill.	833	553	560	1,273	982	1,065	1,224	692	759
Alexandria, Ind.	717	452	493	1,083	722	779	787	506	592
Columbus, Ind.	1,131	545	605	1,186	739	889	1,131	595	702
Connersville, Ind.	847	750	766	1,513	833	1,059	1,143	770	848
Ottawa, Kans.		602	602	1,375	510	674	1,375	578	623
France Isle, Me.		408	408	725	999	704	725	462	474
South Portland, Me.	1,000	467	477	1,500	715	889	1,333	496	536
Annapolis, Md.		762	762	1,200	854	892	1,200	790	805
Abington, Mass.		544	584	1,200	757	807	1,200	633	653
Amherst, Mass.	1,350	657	587	1,500	847	1,034	1,470	638	739
Concord, Mass.		763	763	1,433	620	852	1,433	712	802
Easthampton, Mass.	1,408	590	650	817	765	770	1,261	624	674
Franklin, Mass.		686	686	950	678	708	950	684	691
Great Barrington, Mass.		687	687	925	856	871	925	715	725
Ipswich, Mass.	750	598	604	1,100	707	804	925	640	657
Ludington, Mich.	900	549	564	878	623	730	884	559	597
Mount Clemens, Mich.		586	586	820	578	664	820	584	610
Brookfield, Mo.	518	411	421	928	681	712	654	483	501
Kalspell, Mont.	1,375	903	936				1,375	903	936
Hammonont, N. J.	1,500	670	688	1,170	899	944	1,335	692	716
South Amboy, N. J.	1,275	729	774	1,200	808	910	1,250	746	788
Santa Fe, N. Mex.		685	685	1,225	586	728	1,225	659	708
Norwich, N. Y.		606	606	1,450	890	927	1,450	674	692
Concord, N. C.	723	214	430	780	584	653	756	431	461
High Point, N. C.		492	474	760	480	542	760	490	501
Rocky Mount, N. C.	625	471	474	1,175	639	702	962	463	521
Delphos, Ohio	925	455	496	1,183	1,002	1,070	1,080	560	644
Troy, Ohio	900	669	677	954	804	851	945	708	740
Bristol, Pa.		577	577	1,000	664	629	1,000	575	588
Danville, Pa.		634	634	1,124	828	897	1,124	653	707
Kane, Pa.		608	608	1,350	1,103	1,102	1,250	609	666
Latrobe, Pa.	748	587	595	1,166	745	850	1,028	623	664
Middletown, Pa.	805	606	624	794	646	720	790	609	638
North Providence, R. I.	675	562	569				675	562	569
Lead, S. Dak.		623	623	1,113	828	908	1,113	691	723
Clarksville, Tenn.	760	395	417	600	625	618	643	459	485
Montpelier, Vt.		559	559	1,933	1,091	1,272	1,933	709	797
St. Albans, Vt.		498	498	1,350	716	857	1,350	553	606
Grand Rapids, Wis.		603	603	1,575	1,083	1,172	1,090	706	791
Menasha, Wis.		564	564	894	536	656	816	547	595
First quartile	723	503	503	1,312	830	720	884	556	592
Median	847	584	587	1,168	766	857	1,128	628	664
Third quartile	1,275	670	682	910	639	997	1,333	699	740

TABLE 61.—Average annual salaries of teachers in 160 city school systems, 1917-18—Con.

GROUP V (45 CITIES).

Cities.	Elementary (including kindergarten).			Secondary (high).			All teachers.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
1	2	3	4	5	6	7	8	9	10
Attalla, Ala.	\$600	\$471	\$484				\$600	\$471	\$181
Eufaula, Ala.		420	420	\$1,300	\$1,275	\$1,281	1,300	591	635
Troy, Ala.		560	560	400	585	604	900	584	582
Conway, Ark.	410	465	491		513	513	810	471	484
Roxers, Ark.	480	323	335		560	480	520	363	380
Orange, Calif.	1,075	580	618				1,075	580	618
Longmont, Colo.	900	900	900	1,165	669	939	1,165	867	910
Seymour, Conn.		670	670	1,300	850	950	1,300	692	711
Windsor, Conn.	1,200	507	529	1,700	1,088	1,210	1,450	575	621
Bushnell, Ill.		501	501	1,133	723	899	1,133	548	628
Hillsho, Ill.		396	396	950	743	795	950	461	400
Naperville, Ill.		680	680	950	766	827	950	704	735
Garrett, Ind.	675	516	527	630	626	653		547	557
Kendallville, Ind.		665	665	1,144	842	976	1,144	702	785
Cherokee, Iowa		631	631	724	608	659	724	624	644
Shenandoah, Iowa		584	584	1,030	731	810	1,030	633	676
Beloit, Kans.		674	674		739	739		700	700
Shelbyville, Ky.		518	518		600	600		536	536
Jannings, La.		647	647	1,500	765	888	1,500	680	723
Bridgton, Me.		476	476	1,200	551	716	1,200	487	521
Ellsworth, Me.		442	442	1,300	705	824	1,300	492	529
Ayer, Mass.		432	432	1,580	655	809	1,580	640	703
East Bridgewater, Mass.	1,000	515	541	1,800	611	752	1,800	539	598
Foxborough, Mass.		593	593	1,650	679	841	1,650	614	661
Gladstone, Mich.		637	637	1,000	675	721	1,000	646	658
Petoskey, Mich.		609	609	1,175	1,117	1,126	1,175	784	807
Ely, Minn.	1,180	825	832	1,445	693	1,106	1,340	845	873
Luxerne, Minn.		667	667	1,001	893	942	1,001	731	783
Fredericktown, Mo.	546	395	405	833	598	664	735	451	491
Alliance, Neb.		549	549	1,100	900	929	1,100	630	648
Freehold, N. J.		743	743	1,318			1,316	839	911
Scotia, N. Y.		622	622	1,000	896	920	1,060	672	684
Hendersonville, N. C.	450	420	422		541	541	450	455	455
Clyde, Ohio	810	540	567	1,100	696	777	955	588	637
Upper Sandusky, Ohio		361	361	900	800	817	900	557	475
Blackwell, Okla.		403	403	790	430	497	790	410	442
Ambler, Pa.		580	580	775	667	710	775	596	616
Belleville, Pa.	616	598	573	1,029	727	831	926	621	674
Lenoir City, Tenn.		586	586	900	600	675	900	589	607
Brady, Tex.		551	551	674	735	855	974	594	606
Childress, Tex.	1,070	668	727	1,350	810	1,138	1,510	696	770
Davis, W. Va.		462	462		709	709		520	520
Jefferson, Wis.		565	565	1,105	898	967	1,105	682	746
Washburn, Wis.		583	583	869	791	819	869	643	674
Whitewater, Wis.		607	607	900	729	706	990	647	665
First quartile.....	570	474	484	900	611	709	900	528	533
Median.....	810	569	580	1,050	727	817	1,016	596	644
Third quartile.....	1,133	635	632	1,300	842	939	1,300	641	707

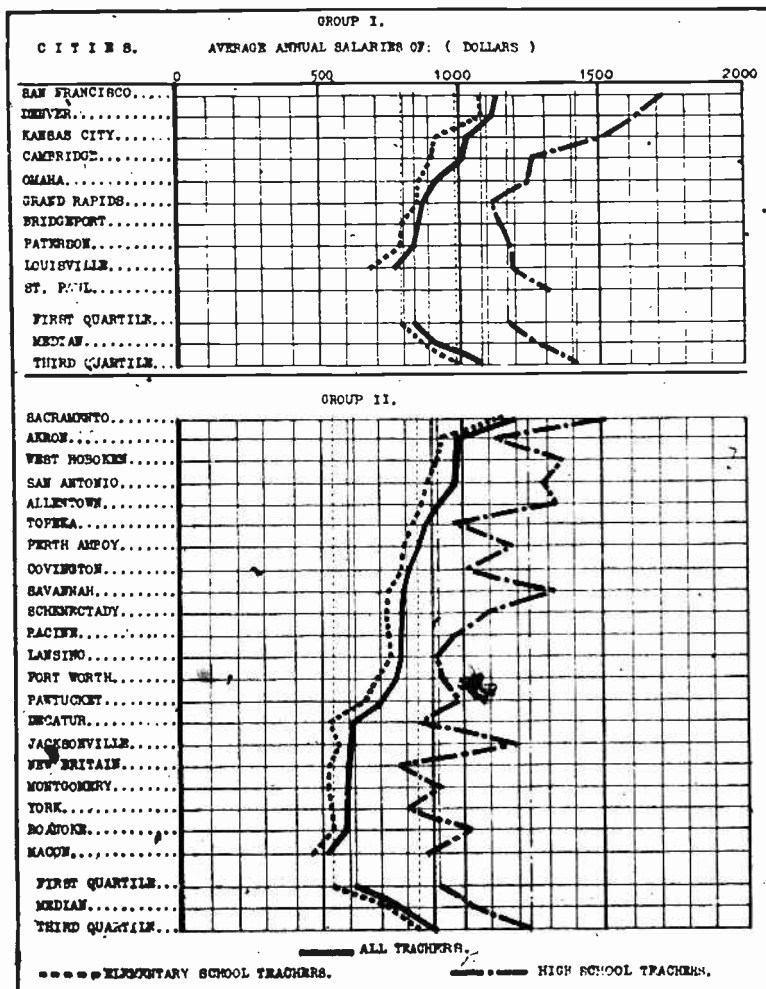


FIG. 47.—Average annual salaries of elementary-school teachers, of high-school teachers, and of all teachers in certain cities of Groups I and II, 1917-18.

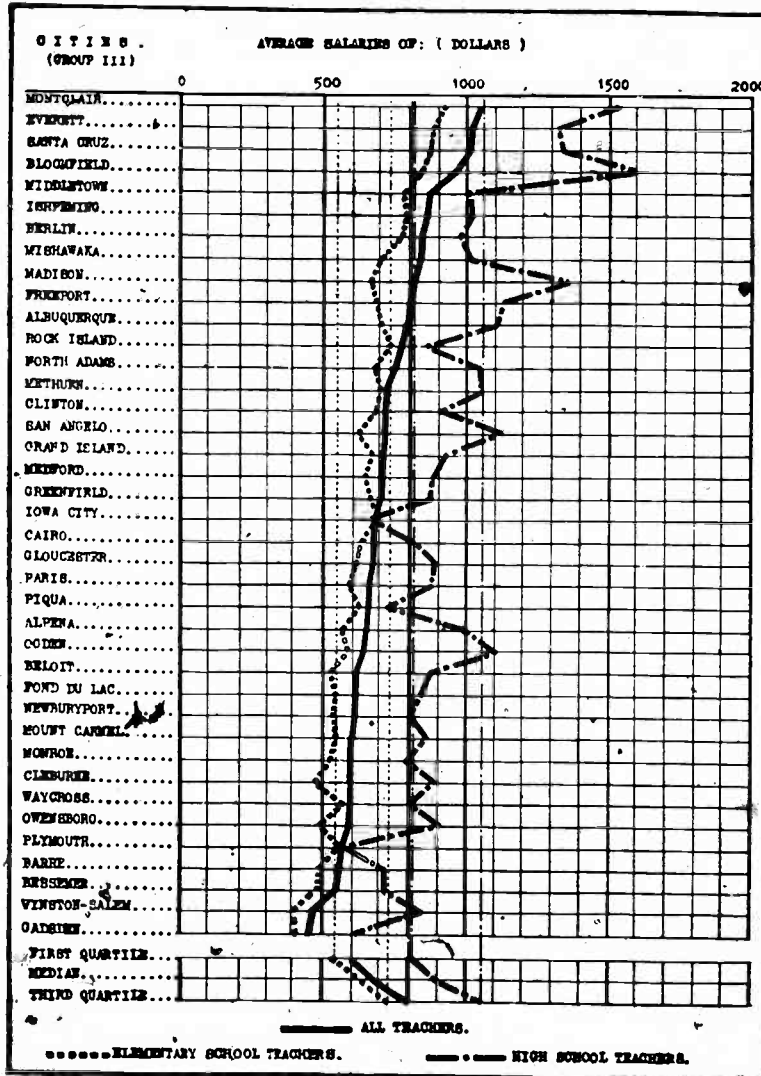


FIG. 48.—Average annual salaries of elementary-school teachers, of high-school teachers, and of all teachers in certain cities of Group III, 1917-18.



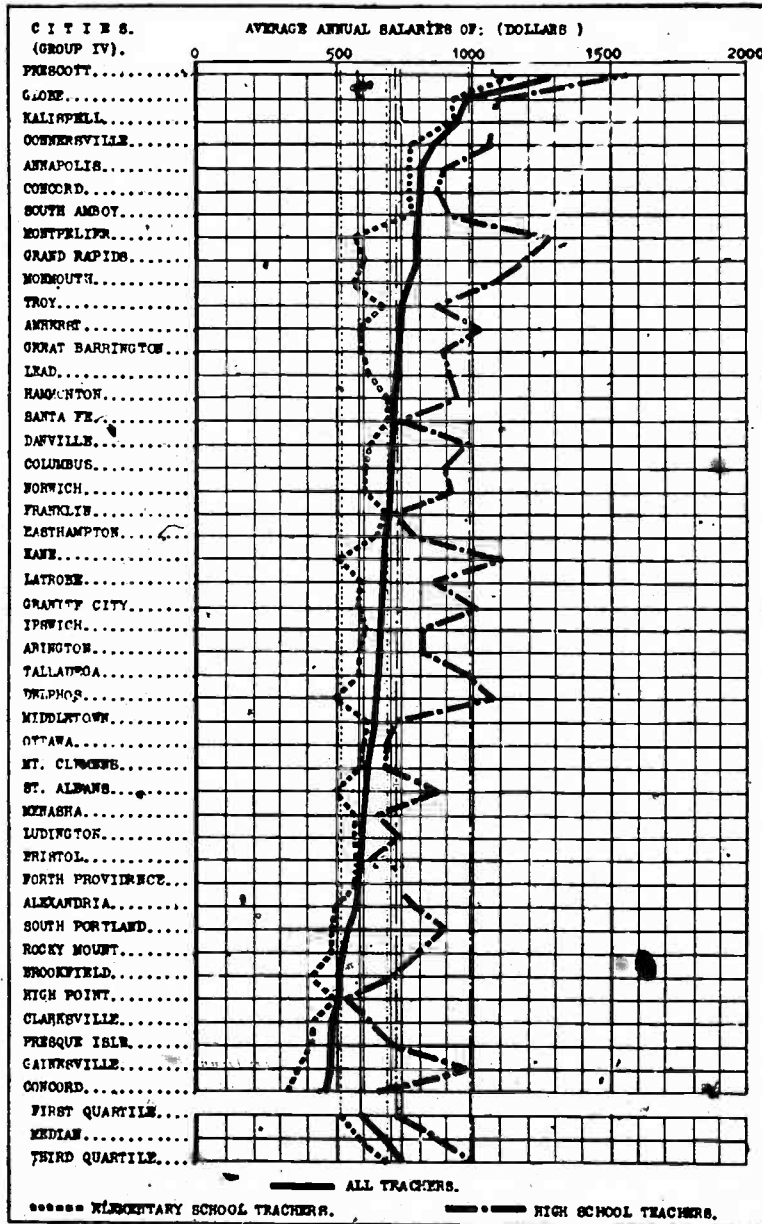


FIG. 49.—Average annual salaries of elementary-school teachers, of high-school teachers, and of all teachers in certain cities of Group IV, 1917-18.

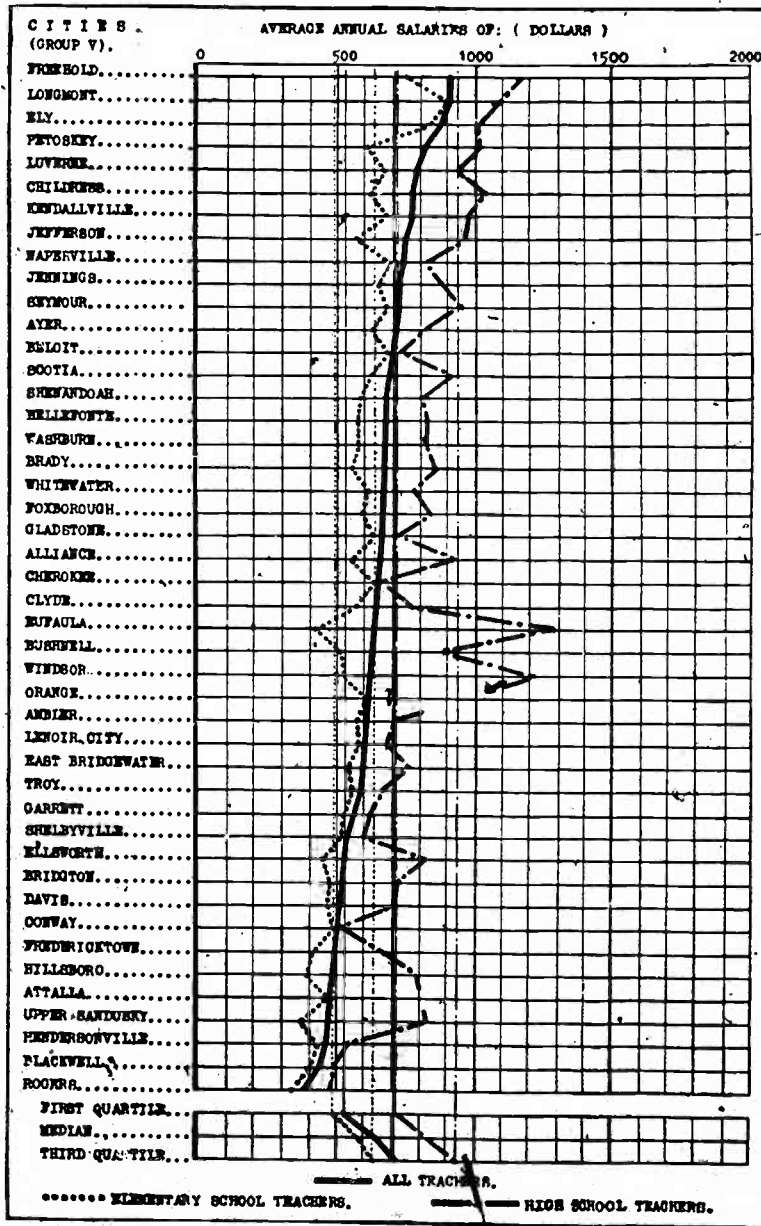


FIG. 50.—Average annual salaries of elementary-school teachers, of high-school teachers, and of all teachers in certain cities of Group V, 1917-18.

## THE AVERAGE ANNUAL SALARIES OF TEACHERS.

Owing to the fact that there was a considerable turnover in the teaching force in the school year 1917-18, it has been found rather difficult to secure a representative list of cities in each group whose reports permitted the computation of reliable average annual salaries of teachers. Other factors also operated to make this selection of cities still more difficult. First, frequently the report on the teaching staff does not correspond to that on the amount paid for teaching, the city superintendent usually supplying the personnel data and the business agent the financial items. Second, considerable confusion has arisen between these administrative officials as to who should be considered as principals and who as teaching principals, and who should be classed as supervisors and who as part-time supervisors or teachers. Third, in several instances the distribution of instruction costs between the elementary and secondary schools had not been consistently made, since often there is little agreement as to who should be considered as high school teachers and who should be considered as elementary school teachers. The junior high school in particular often makes this division difficult.

For 160 cities all the facts appear to be reliably and consistently reported. Ten of these cities are found in Group I, 21 in Group II, 39 in Group III, and 45 in each one of the other two groups. The average salaries of men teachers and women teachers have been recorded in Table 61, but have not been used in the diagrams. As shown elsewhere in this report, only 10.4 per cent of the city school teachers are men. Few of these teachers are found in the elementary schools. In fact the men teachers are so few in number in many school systems that the average salary paid them exhibits individuality rather than generality, when an attempt is made to reduce it to graphic form. Consequently, only the average annual salaries paid to all teachers (vocational, normal, and special school teachers included), to elementary school teachers, and to high school teachers have been graphed.

In each group the cities have been ranked on the salaries paid to all teachers. Of the 10 cities represented in Group I, San Francisco pays the highest average salaries. This city, also, pays a higher average salary to high school and to elementary school teachers than do any of the other nine cities. In Group II, Sacramento comes first on each average represented in the diagram. In Group III, Montclair, N. J., ranks first among the cities appearing in the group. Prescott, Ariz., comes first in Group IV, and Freehold, N. J., ranks first in the fifth group. The median average salaries for all teachers have greater significance than the highest average in each group. The median for Group I is \$924; for Group II, \$779; for Group III, \$678; for Group IV, \$664; and for Group V, \$664. The median salary,

therefore, decreases with the size of cities. While all cities can not hope to pay median averages, they can approach the median. The degree to which they succeed is best measured by the practice of the "middle half" of the cities. At the bottom of each diagram the quartile points and the medians have been located by means of curves of the same character as those representing the three averages described above and pictured in the charts. Light denotation lines of the same type have been drawn upward from the quartile points. Whenever any point on any curve falls between lines having the same legend, it comes within the "safety" zone at that point. In Group IV it is found that the average high school salary in Prescott is above the third quartile line. The corresponding average for Annapolis is between the two vertical "dot-dash" lines, indicating that its average comes within middle bounds. On elementary school salaries Annapolis stands beyond the third quartile. Thus, by means of these vertical denotation lines the relative position of the average salary paid by any city with respect to the practice of the "middle half" of the cities can be readily and reliably determined. Another characteristic of these groups should also be noted. When considerable variation exists between the average salaries paid to elementary and high school teachers the curves representing these two averages spread apart. In cities where the averages are about equal, the curves are drawn toward each other. Thus, in Group IV the inequality of pay to high school and to elementary school teachers in Montpelier is very striking, the high school teachers receiving about twice as much as teachers in the elementary schools. In Group V Eufaula exhibits the same characteristics. In Group III Bloomfield is conspicuous because of this inequality. In Group I the average high school salary gravitates about \$1,254 (the median); in Group II, about \$1,017; in Group III, about \$891; in Group IV, about \$857, and in Group V, about \$817. It is seen, therefore, that the usual high school salary in the large cities is about \$100 per month for about 12 months, but in the very small cities the average is less than \$70 per month for 12 months. With such meager salaries cities can not hope to attract and hold capable college graduates when more remunerative vocations are open to them.

The usual (median) elementary school salary in Group I is \$868; in Group II, \$726, in Group III, \$631; in Group IV, \$587, and in Group V, \$580. From these medians it is seen that the "average" salary bears a close relationship to the size of the city, the larger cities paying the higher averages. On a nine months' basis, the teacher in city elementary schools receive from \$67 to \$96 per month on an average. For the other three months they get no pay.

TABLE 62.—Combined summary of attendance, personnel, number of schools, and number of school buildings for the five groups of cities of 2,500 population and over, 1917-18.

States.	City school systems.	Super-intendents and assistant super-intendents.	Super-visors.	Principals.	Teachers.			Enrollment.			Aggregate attendance.	Average daily attendance.	Number of schools.	Number of school buildings.	Enrollment in private schools (partly estimated).	
					Men.	Women.	Total.	Boys.	Girls.	Total.					Cities.	Enrollment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States.....	* 2,401	2,312	5,071	8,847	25,053	210,319	241,382	4,230,467	4,347,134	8,580,601	1,250,074,140	(6,790,314)	21,250	20,843	732	1,021,127
Alabama.....	28	30	22	56	168	1,587	1,755	36,965	41,541	78,506	9,354,157	34,001	185	168	3	6,563
Arizona.....	10	12	26	24	62	451	453	11,966	11,966	23,449	2,793,052	15,760	77	69	2	813
Arkansas.....	28	26	22	65	121	1,114	1,201	24,260	24,260	47,937	6,798,757	39,201	107	154	9	1,919
California.....	69	73	23	436	1,345	9,378	10,721	173,372	173,372	348,453	12,358,099	284,468	785	1,046	11	21,447
Colorado.....	29	31	35	114	1,265	2,355	2,650	46,187	47,548	93,736	12,566,975	69,620	271	267	6	951
Connecticut.....	74	78	156	164	458	5,934	6,372	107,263	112,404	219,607	32,070,596	177,186	897	831	27	32,252
Delaware.....	4	4	1	26	19	408	425	6,903	8,544	15,447	2,191,197	12,048	30	38	1	18,410
Dist. of Columbia.....	1	3	18	24	219	1,655	1,855	29,717	31,819	61,536	8,270,461	47,838	152	172	1	18,490
Florida.....	22	4	11	39	105	1,294	1,399	23,425	27,033	50,458	6,226,018	39,406	230	222	1	18,410
Georgia.....	45	42	24	134	247	2,527	2,774	54,730	62,751	117,481	16,601,710	94,407	368	345	7	2,114
Idaho.....	12	12	25	35	77	492	569	10,169	10,953	21,122	2,692,527	16,677	65	47	1	245
Illinois.....	140	167	243	522	1,375	14,137	15,512	313,541	311,386	624,977	90,297,570	528,209	1,146	1,118	65	188,848
Indiana.....	88	93	220	225	630	6,015	6,945	117,521	120,890	238,411	34,138,308	186,186	670	608	32	23,799
Iowa.....	0	72	209	269	439	4,629	5,268	76,874	81,391	158,265	22,555,817	127,663	494	492	9	3,454
Kansas.....	53	54	81	106	326	3,968	3,284	56,661	60,847	117,528	15,914,532	90,485	377	337	8	5,233
Kentucky.....	40	47	55	113	196	2,152	2,348	41,227	42,247	85,474	11,837,405	64,321	243	217	15	16,735
Louisiana.....	26	20	11	76	122	1,067	1,069	38,141	42,909	81,050	10,392,876	59,662	175	160	3	17,935
Maine.....	53	42	107	55	202	2,328	2,530	36,224	36,885	73,109	10,180,669	58,566	728	710	18	10,262
Maryland.....	15	19	14	119	315	2,661	2,976	61,962	53,490	105,302	13,531,180	76,948	183	224	1	10,262
Massachusetts.....	131	170	455	677	1,547	15,708	17,255	288,932	286,294	575,246	84,326,988	478,004	1,962	2,158	69	109,601
Michigan.....	79	88	230	371	928	9,646	9,572	164,994	167,429	332,423	47,407,701	255,919	786	750	37	68,817
Minnesota.....	48	53	134	231	502	4,622	5,124	87,003	83,138	166,141	24,952,318	136,951	463	414	16	23,994
Mississippi.....	29	29	21	96	96	978	1,074	16,846	21,783	40,639	5,136,976	28,786	186	170	2	423
Missouri.....	62	76	108	297	701	5,658	6,719	126,073	132,003	258,076	37,235,283	197,577	620	547	13	34,431
Montana.....	11	15	60	50	87	953	1,040	16,710	17,465	34,204	4,445,070	24,859	132	126	2	1,983

Nebraska.....	25	4	26	74	117	155	2,023	2,179	35,194	36,377	71,571	10,317,122	57,287	230	198	8	936
Nevada.....	4	5	5	5	5	20	111	131	2,147	-2,298	4,545	696,350	3,433	20	20	12	15,017
New Hampshire.....	28	26	26	30	16	1,083	1,180	17,457	19,392	36,040	36,040	4,978,996	24,693	258	261	12	42,718
New Jersey.....	91	86	86	30	41	1,041	10,524	11,394	209,839	204,237	412,106	60,084,770	320,157	761	684	30	42,718
New Mexico.....	10	10	10	20	7	37	357	394	7,683	6,867	13,220	1,920,301	11,015	60	48	1	500
New York.....	150	177	177	206	1,545	4,232	34,494	38,727	678,555	672,020	1,350,581	198,422,475	1,040,806	1,583	1,568	52	86,070
North Carolina.....	39	42	42	20	16	123	1,688	1,811	36,103	40,600	76,703	9,728,740	68,650	202	193	7	1,068
North Dakota.....	10	9	9	26	16	45	415	400	7,159	7,760	14,919	2,228,834	12,283	43	36	1	1,120
Ohio.....	134	142	142	284	556	1,964	14,884	16,868	266,171	270,121	539,292	81,606,921	451,563	1,253	1,166	36	16,130
Oklahoma.....	46	46	46	75	122	320	2,316	2,636	49,178	52,554	107,732	12,878,939	73,040	1,286	1,253	6	1,516
Oregon.....	17	18	18	30	75	243	1,634	1,877	31,536	33,521	65,057	8,871,540	48,172	155	138	2	141
Pennsylvania.....	268	270	270	394	666	2,662	19,727	22,409	437,321	440,874	878,195	131,962,855	702,192	1,921	1,820	93	163,270
Rhode Island.....	25	25	25	29	57	208	2,359	2,597	43,942	44,091	88,033	12,157,062	66,596	368	392	13	15,546
South Carolina.....	25	25	25	10	20	100	989	1,069	23,094	26,206	49,299	6,304,729	35,883	148	119	3	687
South Dakota.....	13	13	13	26	22	59	556	615	8,119	8,668	16,777	2,452,861	13,780	78	67	3	1,117
Tennessee.....	27	25	25	26	91	238	1,966	2,204	41,454	46,396	87,860	11,211,450	65,507	232	209	6	1,546
Texas.....	90	93	93	76	238	721	5,223	6,244	121,100	130,013	250,173	31,056,291	178,134	686	716	12	6,066
Utah.....	15	15	15	35	19	71	747	754	14,754	14,754	29,508	4,837,037	39,197	109	108	2	558
Vermont.....	32	32	32	46	9	59	647	1,029	14,168	14,168	28,336	3,600,371	24,253	205	199	5	2,146
Virginia.....	32	32	32	31	64	292	2,622	2,914	47,465	53,882	101,447	14,685,646	80,733	239	215	11	7,222
Washington.....	27	31	31	79	169	532	2,966	3,498	59,744	62,003	121,747	16,907,545	93,410	297	294	13	11,636
West Virginia.....	25	26	26	59	86	176	1,543	1,719	28,243	30,134	58,377	8,090,086	45,807	204	194	10	3,656
Wisconsin.....	74	77	77	135	193	563	4,907	5,430	94,084	97,135	191,819	27,844,021	151,911	546	463	41	59,006
Wyoming.....	7	7	7	22	17	19	227	246	4,503	5,070	9,579	1,311,512	7,468	47	44	1	59,143

\* Estimates are included for 688 city school systems not reporting, as indicated in following tables.

† Does not include kindergartens.

TABLE 63.—Summary of attendance, personnel, number of schools and school buildings, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

States.	City school systems.		Super-intendents and assistant super-intendents.		Superintendents.		Principals.		Teachers.		Enrollment.		Average attendance.	Number of schools.	Number of school buildings.	Enrollment in private schools (partly estimated).	
	1	2	3	4	5	6	7	8	9	10	11	12				13	14
United States.....	51	220	935	3,988	11,204	88,208	99,412	1,845,212	1,842,200	3,087,472	534,235,766	2,877,418	4,508	4,970	30	588,738	
Alabama.....	1	2	10	27	92	630	722	14,891	16,055	30,946	3,734,154	21,302	59	58			
Arizona.....	3	13	90	256	653	5,135	5,868	92,669	93,747	186,616	26,150,013	138,572	345	446	2	19,390	
Arkansas.....	1	3	10	33	97	960	1,063	26,367	26,876	41,475	5,639,784	36,551	77	67			
California.....	3	7	22	26	113	1,324	1,437	26,867	26,901	53,788	8,345,605	45,328	89	95	1	5,060	
Colorado.....	1	3	18	24	219	1,636	1,855	29,717	31,819	61,536	8,270,461	47,838	152	152	1	18,819	
Connecticut.....	1	2	8	64	68	676	744	14,302	15,082	29,884	4,592,340	25,613	64	64			
Delaware.....	1	14	28	396	724	7,172	7,896	186,392	181,833	368,225	58,039,900	318,118	296	298	1	161,000	
District of Columbia.....	1	1	6	19	146	1,144	1,200	21,204	21,856	43,000	6,068,100	33,900	77	75	1	5,681	
Florida.....	1	6	11	51	75	782	837	15,769	16,639	32,398	4,375,271	23,825	66	63	1	12,000	
Georgia.....	1	3	2	63	71	1,230	1,301	22,221	26,370	47,791	6,357,637	36,117	88	124			
Idaho.....	1	7	104	212	246	2,168	2,414	40,751	40,880	81,631	10,540,704	59,552	110	164			
Illinois.....	5	15	66	212	612	4,903	5,615	101,006	101,006	206,295	29,468,449	103,754	302	497	5	51,165	
Indiana.....	2	6	39	169	359	3,250	3,609	68,875	68,509	137,384	18,137,426	100,004	192	176	2	43,131	
Iowa.....	2	9	22	123	278	2,338	2,616	44,067	45,345	89,412	13,537,402	75,990	151	144	2	17,528	
Kansas.....	2	15	51	170	447	3,368	3,815	76,325	79,059	155,384	22,965,036	118,254	215	212	1	30,000	
Kentucky.....																	
Louisiana.....																	
Maine.....																	
Maryland.....																	
Massachusetts.....																	
Michigan.....																	
Minnesota.....																	
Missouri.....																	
Montana.....																	

Nebraska.....	1	2	10	56	50	915	965	15,088	15,418	30,506	4,612,445	24,463	57	59	
New Hampshire.....	3	7	55	118	383	3,174	3,537	71,144	69,416	140,580	20,778,429	100,409	150	133	2
New Jersey.....	5	49	256	1,150	3,006	25,470	29,062	530,342	521,414	1,051,756	152,290,873	812,917	732	841	3
New Mexico.....	5	15	78	322	979	7,424	8,353	127,169	124,968	232,167	38,302,437	207,215	353	342	
North Carolina.....	1	3	7	52	134	971	1,105	19,539	20,698	40,237	5,603,940	29,340	70	61	
North Dakota.....	3	21	84	371	1,191	8,060	9,251	186,674	167,831	377,545	54,553,020	290,953	427	490	3
Ohio.....	1	4	5	24	111	964	1,075	19,081	18,896	38,067	5,107,962	29,536	114	101	1
Oklahoma.....															
Oregon.....	2	2	14	34	108	915	1,023	18,528	20,550	30,074	4,923,373	28,254	73	70	
Rhode Island.....															
South Carolina.....															
South Dakota.....															
Tennessee.....															
Texas.....															
Utah.....															
Vermont.....	1	3	3	27	135	770	905	12,043	14,300	26,243	3,661,030	20,230	49	45	1
Virginia.....	2	5	21	92	287	1,321	1,808	31,664	32,672	64,336	8,936,260	49,054	122	122	2
Washington.....	1	3	9	49	90	1,266	1,356	30,884	30,310	61,194	0,232,749	48,339	75	71	1
West Virginia.....															
Wisconsin.....															
Wyoming.....															

59873°-21-28

1 Does not include kindergartens. \* Includes 6 kindergarten principals.





TABLE 63.—Summary of attendance, personnel, number of schools and school buildings, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

States.	City school systems.	Super-intend-ents and asst.-super-intend-ents.	Super-visors.	Prin-cipals.	Teachers.			Enrollment.			Aggregate attend-ance.	Average daily attend-ance.	Num-ber of schools.	Num-ber of school build-ings.	Enrollment in private schools (partly estimated).	
					Men.	Wc-men.	Total.	Boys.	Girls.	Total.					Cities.	Enroll-ment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States.....	* 141	177	899	1,812	4,021	38,224	42,245	711,189	735,727	1,446,916	205,500,692	179,243	3,394	3,334	81	153,559
Alabama.....	3	7	351	7	23	351	374	6,402	7,627	14,029	1,671,711	10,029	29	30	2	5,963
Arizona.....	1	4	275	10	25	340	340	5,110	5,530	10,640	1,448,550	8,325	24	23	1	1,060
Arkansas.....	4	5	1,189	69	158	1,347	1,347	20,438	20,958	41,394	5,286,840	29,891	100	161	1	1,500
California.....	2	3	249	14	25	264	264	4,649	4,798	9,447	1,297,005	7,108	22	24		
Colorado.....	4	6	89	61	108	1,490	1,608	23,977	27,530	51,507	7,543,837	41,837	88	88	3	14,698
Connecticut.....	1	1	353	26	9	362	362	5,991	7,355	13,346	1,852,984	10,237	32	32		
Delaware.....	2	3	643	11	76	643	719	13,137	14,324	27,461	3,273,659	21,047	132	133		
District of Columbia.....	3	4	61	31	61	662	723	13,378	17,867	31,245	4,535,112	26,396	84	86	1	1,105
Florida.....	7	8	1,627	52	197	1,627	1,664	30,448	30,986	61,436	8,683,654	47,403	151	150	4	9,200
Georgia.....	4	7	308	55	184	308	316	29,216	29,886	59,102	8,690,574	27,470	139	136	1	6,047
Idaho.....	5	6	50	111	154	175	195	29,451	30,245	59,696	8,150,194	40,130	139	136		
Illinois.....	8	8	411	37	411	864	865	17,096	18,434	35,530	4,689,123	28,368	96	95	2	3,828
Indiana.....	6	9	16	27	22	488	455	7,469	7,993	15,462	2,314,755	12,324	37	34	1	1,541
Iowa.....	1	2	6	13	25	327	352	4,837	4,975	9,812	1,480,954	8,946	36	36		
Kansas.....	17	25	219	492	4,767	5,259	82,039	83,094	166,733	21,250,453	139,199	454	451	18	32,470	
Kentucky.....	6	10	39	66	151	1,566	1,709	28,198	29,198	57,396	8,340,810	45,703	134	129	7	9,808
Louisiana.....	1	14	28	47	44	444	491	8,064	8,250	16,314	2,599,756	15,711	52	52		
Maine.....	3	4	16	50	80	540	590	14,932	14,812	29,744	3,921,135	21,638	82	76	3	2,636
Maryland.....	1	2	8	14	23	270	293	4,720	4,797	9,517	1,168,003	6,945	24	23		
Massachusetts.....																
Michigan.....																
Minnesota.....																
Missouri.....																
Montana.....																
Nebraska.....																
Nevada.....																
New Hampshire.....																
New Jersey.....																
New York.....																
North Carolina.....																
North Dakota.....																
Ohio.....																
Oklahoma.....																
Oregon.....																
Pennsylvania.....																
Rhode Island.....																
South Carolina.....																
South Dakota.....																
Tennessee.....																
Texas.....																
Vermont.....																
Virginia.....																
Washington.....																
West Virginia.....																
Wisconsin.....																
Wyoming.....																

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	1	1	8	20	28	312	338	5,428	5,523	10,951	1,489,664	8,464	19	19	19
Nebraska.....	1	1	8	20	28	312	338	5,428	5,523	10,951	1,489,664	8,464	19	19	19
Nevada.....	1	1	8	20	28	312	338	5,428	5,523	10,951	1,489,664	8,464	19	19	19
New Hampshire.....	10	10	74	138	245	3,086	3,301	57,724	60,637	114,361	15,815,075	89,195	23	27	7
New Mexico.....	1	1	8	20	28	312	338	5,428	5,523	10,951	1,489,664	8,464	19	19	19
New York.....	12	14	84	155	252	3,108	3,358	81,717	60,660	102,377	15,173,268	81,730	191	189	3
North Carolina.....	1	2	4	4	41	161	172	3,564	4,061	7,645	837,597	5,968	11	11	1
Ohio.....	6	6	23	85	231	1,802	2,033	88,249	38,959	77,208	11,888,967	66,214	151	147	2
Oklahoma.....	1	1	6	24	32	385	417	8,628	9,058	17,586	2,104,314	11,648	34	27	2
Oregon.....	15	18	99	91	645	3,359	3,901	72,426	72,810	145,276	22,197,095	10,634	319	331	11
Pennsylvania.....	2	2	11	9	24	425	449	6,810	6,792	13,602	1,822,888	10,526	47	49	1
Rhode Island.....	1	1	2	10	4	198	194	3,007	3,938	6,945	906,142	6,282	8	8	8
South Carolina.....	1	1	2	10	4	198	194	3,007	3,938	6,945	906,142	6,282	8	8	8
South Dakota.....	1	1	6	24	32	385	417	8,628	9,058	17,586	2,104,314	11,648	34	27	2
Tennessee.....	2	2	6	30	54	480	544	10,019	11,850	22,789	2,920,547	17,410	60	55	1
Texas.....	6	9	39	155	216	2,109	2,435	41,152	51,328	99,320	12,741,056	67,621	183	234	22
Utah.....	1	2	14	1	60	641	701	12,188	12,263	24,341	3,569,414	19,665	36	36	36
Vermont.....	1	1	2	10	4	198	194	3,007	3,938	6,945	906,142	6,282	8	8	8
Virginia.....	3	3	5	20	56	774	830	14,804	15,501	30,305	4,783,560	25,012	61	60	2
Washington.....	1	2	12	27	68	383	441	7,965	8,303	16,258	2,249,884	12,362	34	32	1
West Virginia.....	2	2	15	32	53	440	493	6,992	7,470	14,462	1,975,412	11,132	37	37	1
Wisconsin.....	4	4	20	34	105	684	789	13,456	14,396	27,852	3,974,609	21,141	61	53	6
Wyoming.....	1	1	6	24	32	385	417	8,628	9,058	17,586	2,104,314	11,648	34	27	2

\* Estimates are included for two city school systems not reporting.

\* Does not include kindergartens.

TABLE 63.—Summary of attendance, personnel, number of schools and school buildings, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

States.	City school systems.	Super-intendents and assistant super-intendents.	Teachers.			Enrollment.			Average daily attendance.	Number of schools.	Number of school buildings.	Enrollment in private schools (partly estimated).		
			Men.	W. men.	Total.	Boys.	Girls.	Total.				Cities.	16	17
United States.....	420	447	3,985	36,530	40,495	685,419	728,126	1,420,545	4,302	1,260	220	162,527		
Alabama.....	4	4	19	216	235	5,810	6,785	12,565	30	29	1	600		
Arizona.....	2	2	9	169	180	3,871	3,584	7,455	18	18	1	777		
Arkansas.....	4	5	41	337	378	7,637	8,694	16,321	44	41	1	225		
California.....	14	19	306	1,562	1,868	32,686	33,688	66,354	154	206	2	254		
Colorado.....	3	3	38	285	323	4,767	4,830	9,602	28	28	43	.....		
Connecticut.....	16	17	95	1,494	1,589	25,876	26,444	52,320	208	202	10	9,359		
Delaware.....	2	2	8	234	242	3,600	5,400	9,000	34	32	1	489		
Dist. of Columbia.....	5	5	41	323	364	7,020	7,940	14,960	46	53	3	419		
Florida.....	1	1	16	100	116	2,062	2,107	4,169	10	10	.....	.....		
Georgia.....	26	28	104	2,120	2,224	41,424	41,742	83,176	254	252	21	18,445		
Idaho.....	20	23	304	7,753	8,057	38,683	36,928	73,681	134	133	14	9,220		
Illinois.....	13	14	99	1,390	1,489	22,008	22,743	44,751	134	143	6	1,984		
Iowa.....	9	10	75	683	758	12,951	11,066	27,047	83	82	1	1,870		
Kansas.....	4	5	33	287	320	5,192	5,661	10,853	38	35	3	1,367		
Kentucky.....	5	8	41	369	410	7,445	8,875	16,320	32	30	2	865		
Louisiana.....	6	6	41	480	521	8,388	8,389	16,777	128	114	5	6,577		
Missouri.....	3	4	29	209	238	5,046	5,973	11,619	29	29	1	66		
Maryland.....	32	32	188	2,896	3,084	48,768	49,026	97,494	424	428	20	20,739		
Massachusetts.....	16	17	155	1,355	1,510	25,518	26,302	51,820	158	162	12	8,990		
Michigan.....	5	5	27	353	380	5,354	5,354	10,510	32	32	3	3,626		
Minnesota.....	5	5	34	322	356	7,064	7,064	14,128	48	47	1	500		
Mississippi.....	5	5	37	356	393	7,064	7,064	14,128	48	47	1	500		
Missouri.....	5	5	37	356	393	7,064	7,064	14,128	48	47	1	500		
Montana.....	5	5	43	424	467	7,180	7,571	14,751	51	57	2	993		

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Nebraska.....	1	1	5	1	72	1,486	1,573	3,039	401,105	2,279	8	1	205
Nevada.....	7	7	3	6	51	1,091	1,147	2,208	283,648	12,202	6	6	4,260
New Hampshire.....	7	7	3	9	452	7,277	8,748	16,125	2,109,890	13,202	89	5	5,878
New Jersey.....	21	22	84	107	2,257	40,153	39,692	79,845	11,064,732	62,855	184	11	5,500
New Mexico.....	1	1	6	6	62	1,335	1,450	2,785	389,867	2,000	7	1	500
New York.....	38	38	145	140	3,004	50,905	51,948	102,833	15,368,811	82,292	266	25	18,837
North Carolina.....	6	6	14	35	625	12,597	14,262	27,850	3,635,485	20,669	63	71	350
North Dakota.....	2	2	7	9	165	2,948	3,330	6,278	991,884	5,352	18	15	120
Ohio.....	26	27	61	80	2,547	47,596	48,572	96,168	14,330,344	80,385	275	11	7,862
Oklahoma.....	7	7	22	51	723	15,038	16,250	31,288	3,961,494	22,560	76	74	940
Oregon.....	1	1	1	1	88	1,028	1,762	3,390	412,112	2,296	10	10	12,500
South Carolina.....	15	15	134	134	3,316	67,029	68,629	136,658	21,456,267	116,553	377	338	3,417
South Dakota.....	3	3	6	6	260	7,252	8,210	15,462	2,812,224	10,873	98	3	417
Tennessee.....	2	2	12	11	212	3,002	3,089	6,091	840,995	4,797	21	1	837
Texas.....	1	1	1	6	76	1,800	2,099	3,899	490,980	2,561	8	7	686
Utah.....	14	14	17	67	1,146	26,171	26,293	54,434	6,755,707	38,875	134	4	686
Vermont.....	1	1	2	2	235	3,524	3,768	7,014	978,049	5,026	15	15	710
Virginia.....	3	3	9	2	228	3,542	3,638	7,180	1,009,393	6,016	29	28	2,993
Washington.....	6	6	13	17	499	10,389	12,617	22,956	3,278,112	18,298	44	4	2,993
West Virginia.....	5	5	28	35	518	9,306	9,821	19,357	2,749,070	15,303	51	54	1,515
Wisconsin.....	4	4	13	25	428	5,490	5,659	11,149	2,319,867	8,122	52	51	504
Wyoming.....	13	13	44	67	1,477	29,260	26,579	52,839	7,361,298	40,690	136	11	13,850
	1	1	2	1	56	956	1,040	2,766	254,736	1,362	10	10	1,362

\* Does not include kindergartens.

\* Estimates are included for 25 city school systems not reporting.

\* Estimated.

TABLE 63.—Summary of attendance, personnel, number of schools and school buildings, 1917-18—Continued.  
GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

States.	City school systems.	Superintendents and assistant superintendents.	Supervisors.	Principals.	Teachers.			Enrollment.		Aggregate daily attendance.	Average daily attendance.	Number of schools.	Number of school buildings.	Enrollment in private schools (partly estimated).	
					Men.	Women.	Total.	Boys.	Girls.					Total.	Cities.
United States.....	627	627	1,022	772	2,962	26,029	28,991	483,377	520,438	1,013,815	813,207	4,124	3,884	256	74,499
Alabama.....	6	6	1	7	16	166	182	3,987	4,570	8,557	5,921	25	24	1	38
Arizona.....	6	7	18	14	19	298	287	6,000	6,415	12,415	7,668	43	36	1	209
Arkansas.....	4	4	3	7	19	147	160	3,210	3,632	6,842	4,969	26	22	2	2
California.....	10	10	11	14	96	545	641	8,987	9,381	18,368	14,384	64	83	3	1,035
Colorado.....	7	8	27	18	50	381	431	6,756	6,982	13,738	10,544	63	63	3	892
Connecticut.....	19	19	20	12	42	841	883	15,472	16,085	31,557	25,088	209	214	9	3,070
Delaware.....	5	2	5	5	9	119	158	2,960	2,995	5,955	4,045	20	14	1	560
District Columbia.....	14	14	5	9	51	466	517	16,165	11,962	28,127	16,801	81	68	3	245
Georgia.....	4	4	8	20	29	190	219	3,895	4,117	8,012	6,658	28	25	1	8,229
Idaho.....	44	47	56	38	131	1,690	1,841	31,610	32,475	64,085	54,175	210	212	28	2,150
Illinois.....	26	26	53	37	189	999	1,197	20,775	21,429	42,204	34,408	160	146	11	2,255
Indiana.....	9	9	20	18	37	444	481	6,832	7,367	14,199	11,520	51	50	1	667
Iowa.....	13	13	24	21	70	625	695	12,862	13,662	26,524	19,942	80	88	3	667
Kansas.....	12	12	13	12	48	374	422	7,603	8,222	15,825	11,943	57	46	7	1,607
Kentucky.....	5	2	1	0	18	132	150	3,004	3,328	6,332	5,054	19	15	1	150
Louisiana.....	16	16	39	10	72	745	817	11,147	11,653	22,800	18,033	236	236	10	2,867
Maine.....	4	5	7	5	16	152	168	2,782	3,454	6,236	4,782	20	20	20	20
Maryland.....	4	4	101	80	178	2,012	2,180	34,689	35,183	69,843	60,365	428	423	19	4,136
Massachusetts.....	23	23	56	31	111	1,003	1,144	17,896	18,840	36,736	30,102	151	130	12	6,061
Michigan.....	16	16	47	10	94	880	984	13,502	14,277	27,779	23,548	118	111	8	2,360
Minnesota.....	10	10	13	10	20	456	455	8,532	9,972	18,504	13,033	63	61	2	425
Mississippi.....	17	17	23	35	96	641	737	15,013	15,151	30,164	22,784	101	104	2	205
Missouri.....	17	17	23	35	96	641	737	15,013	15,151	30,164	22,784	101	104	2	205
Montana.....	3	3	10	4	4	95	99	1,869	1,790	3,659	2,402	12	11	*	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	9	22	9	43	416	459	7,521	8,170	15,691	2,135,701	12,181	58	56	4	489
Nebraska.....	6	11	2	19	196	215	2,925	3,020	5,945	841,407	4,948	57	57	5	2,477
Nevada.....	22	59	64	112	1,109	1,221	20,376	20,634	41,010	5,842,004	31,461	136	123	7	2,639
New Hampshire.....	2	2	1	8	67	75	1,337	1,494	2,851	353,123	2,004	11	11		
New Jersey.....	24	56	47	69	1,033	1,113	16,151	17,094	33,215	4,884,777	26,215	126	116	11	3,107
New Mexico.....	12	2	8	46	115	150	11,530	13,249	23,673	3,025,018	17,810	63	69	3	748
North Carolina.....	3	4	8	10	115	130	2,119	2,167	4,566	560,683	3,174	15	13		
North Dakota.....	48	44	43	254	1,855	2,130	34,119	37,103	10,771,143	59,407	262	223	16	3	3,450
Ohio.....	6	19	6	46	270	318	6,884	6,668	12,687	1,743,178	9,886	33	22	1	300
Oklahoma.....	5	12	14	42	255	297	4,644	5,039	9,683	1,233,049	7,134	31	31	1	130
Oregon.....	82	81	44	311	2,930	3,241	62,296	63,630	125,926	19,593,355	107,882	405	337	37	12,351
Pennsylvania.....	9	9	14	20	317	337	6,073	6,343	12,416	1,837,969	10,101	90	90	6	1,226
Rhode Island.....	9	2	6	35	349	354	7,078	8,157	16,235	2,102,100	11,818	54	47	1	40
South Carolina.....	4	4	9	24	183	206	2,812	2,906	5,717	860,718	4,752	25	23	1	225
South Dakota.....	5	1	6	35	178	213	4,063	4,773	8,936	1,283,030	7,298	21	20	1	55
Tennessee.....	19	19	11	157	897	1,054	20,922	22,548	43,470	5,490,486	31,844	120	118	3	836
Texas.....	2	4	2	27	86	113	2,049	2,041	4,090	5,576,513	8,422	15	14	2	558
Vermont.....	7	6	3	16	215	231	3,138	3,279	6,417	917,822	5,227	44	43	4	1,496
Virginia.....	7	0	0	19	279	293	4,186	4,164	8,650	1,284,963	7,253	42	29	1	60
Tennessee.....	4	4	3	41	154	197	3,668	3,994	7,682	1,028,056	5,722	28	26	3	328
West Virginia.....	6	7	17	45	350	405	6,891	7,491	14,382	1,968,604	10,865	118	103	4	319
Wisconsin.....	18	18	19	86	706	792	11,821	12,731	24,652	3,018,604	19,864	114	103	11	8,314
Wyoming.....	3	3	6	11	108	119	2,178	2,473	4,631	634,712	3,794	24	21	1	143

\* Estimates are included for 65 city school systems not reporting.

† Does not include kindergartens.

TABLE 63.—Summary of attendance, personnel, number of schools and school buildings, 1917-18—Continued.  
GROUP V.—CITIES, TOWNS, AND VILLAGES OF 2,500 TO 5,000 POPULATION.

States.	City school systems.	Super-intendents and assistant super-intendents.	Super-visors.	Prin-cipals.	Teachers.		Enrollment.		Aggregate attend-ance.	Average daily attend-ance.	Num-ber of school buildings.	Enrollment in private schools (partly estimated).				
					Men.	Wo-men.	Boys.	Girls.				Total.	Cities.	Enroll-ment.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States.....	1,162	1,041	935	720	2,911	27,328	30,229	494,270	523,583	1,017,853	144,134,660	812,778	5,013	4,385	145	26,804
Alabama.....	15	16	18	6	224	224	242	5,985	6,504	12,989	1,435,062	8,330	42	27	.....	.....
Arizona.....	3	3	12	1	94	96	96	1,772	1,907	3,579	444,317	2,644	16	15	.....	.....
Arkansas.....	19	19	36	23	357	393	393	8,745	10,414	19,159	2,629,962	15,023	73	68	5	485
California.....	38	26	36	31	132	945	1,077	17,417	34,731	4,897,337	27,728	132	150	3	308	2
Colorado.....	6	6	33	20	85	454	559	9,418	10,063	19,481	2,525,944	14,385	81	70	2	259
Connecticut.....	32	30	33	6	30	825	855	14,991	15,474	30,465	4,068,429	22,662	213	224	4	127
Delaware.....	3	3	.....	.....	10	53	63	1,912	1,199	2,101	338,213	1,811	44	36	.....	.....
Dist. Columbia.....	13	.....	4	.....	26	400	426	7,965	4,404	8,432	1,069,864	6,332	17,263	14,705	.....	.....
Florida.....	22	17	.....	.....	22	26	240	4,028	4,404	17,263	2,619,632	14,705	37	74	.....	.....
Georgia.....	7	7	14	14	32	202	224	4,182	4,729	8,911	1,220,292	6,959	27	12	.....	.....
I Idaho.....	68	70	35	22	112	1,415	1,527	22,532	21,856	45,388	762,753	40,775	215	200	11	1,974
Illinois.....	37	36	89	67	168	1,029	1,029	18,530	17,659	36,189	4,008,530	28,523	141	102	4	1,552
Indiana.....	33	33	80	67	168	1,029	1,029	18,530	17,659	36,189	4,008,530	28,523	141	102	4	1,552
Iowa.....	28	28	13	13	70	766	766	12,872	14,158	27,030	5,831,787	33,770	100	163	1	148
Kansas.....	28	28	13	13	70	766	766	12,872	14,158	27,030	5,831,787	33,770	100	163	1	148
Kentucky.....	20	15	.....	.....	18	275	294	5,244	5,772	11,016	1,440,383	8,178	45	38	3	240
Kentucky.....	20	15	.....	.....	18	275	294	5,244	5,772	11,016	1,440,383	8,178	45	38	3	240
Maine.....	15	15	.....	.....	7	236	243	4,871	5,136	10,007	1,291,778	7,300	36	21	.....	.....
Maine.....	15	15	.....	.....	7	236	243	4,871	5,136	10,007	1,291,778	7,300	36	21	.....	.....
Maryland.....	32	18	16	10	64	776	640	11,652	11,968	23,720	3,185,894	19,328	326	324	3	623
Maryland.....	32	18	16	10	64	776	640	11,652	11,968	23,720	3,185,894	19,328	326	324	3	623
Massachusetts.....	48	49	82	12	77	1,130	1,207	17,597	17,965	35,562	5,288,764	30,332	356	337	9	1,089
Massachusetts.....	48	49	82	12	77	1,130	1,207	17,597	17,965	35,562	5,288,764	30,332	356	337	9	1,089
Michigan.....	30	32	32	32	147	1,453	1,600	24,472	24,580	49,052	7,999,191	39,166	151	147	4	1,329
Michigan.....	30	32	32	32	147	1,453	1,600	24,472	24,580	49,052	7,999,191	39,166	151	147	4	1,329
Minnesota.....	24	22	31	22	56	897	653	9,144	9,712	18,856	2,854,481	18,400	84	83	3	386
Minnesota.....	24	22	31	22	56	897	653	9,144	9,712	18,856	2,854,481	18,400	84	83	3	386
Mississippi.....	14	14	.....	.....	33	290	283	2,047	2,047	4,094	50,513	23,315	165	143	67	.....
Mississippi.....	14	14	.....	.....	33	290	283	2,047	2,047	4,094	50,513	23,315	165	143	67	.....
Missouri.....	35	35	9	9	111	730	730	11,686	12,047	23,733	4,220,513	23,315	165	143	67	.....
Missouri.....	35	35	9	9	111	730	730	11,686	12,047	23,733	4,220,513	23,315	165	143	67	.....
Montana.....	5	5	17	10	164	164	181	3,150	3,417	6,567	562,033	4,778	45	45	.....	.....
Montana.....	5	5	17	10	164	164	181	3,150	3,417	6,567	562,033	4,778	45	45	.....	.....

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Nebraska.....	13	29	21	29	309	338	5,691	11,384	1,678,047	9,490	58	58	3	262
Nevada.....	3	3	14	14	57	71	1,066	2,237	312,662	1,734	14	14	1	685
New Hampshire.....	12	6	17	17	217	234	3,414	6,310	872,051	5,155	89	87	3	568
New Jersey.....	35	26	37	24	75	938	17,472	35,163	4,961,130	27,236	111	83	3	568
New Mexico.....	7	7	27	228	228	255	4,341	9,051	1,197,291	6,051	42	30	1	1,834
New York.....	71	52	85	53	1,876	1,973	29,440	60,380	5,794,746	46,652	243	153	19	2,519
North Carolina.....	20	22	10	10	388	408	8,112	17,124	2,230,640	12,773	65	50	2	225
North Dakota.....	5	4	15	17	140	137	2,022	4,285	676,267	3,737	20	20	1	1,834
Ohio.....	54	50	46	16	1,236	1,438	22,040	44,327	6,703,030	38,272	212	184	7	276
Oklahoma.....	32	32	42	42	538	1,033	19,228	39,871	5,069,953	28,618	143	120	2	276
Oregon.....	10	9	11	9	330	365	5,725	11,747	1,602,448	9,392	44	36	1	11
Pennsylvania.....	113	103	37	25	2,238	2,340	43,846	93,640	14,157,498	79,170	303	284	23	3,966
Rhode Island.....	7	8	1	1	117	125	2,006	3,925	523,019	2,826	43	47	2	52
South Carolina.....	12	12	19	19	229	248	5,757	11,057	1,432,960	8,114	57	38	1	200
South Dakota.....	7	7	3	2	162	176	2,305	4,969	751,148	4,231	32	23	1	65
Tennessee.....	17	15	4	6	397	342	6,144	13,268	1,723,320	9,878	70	57	4	1,100
Texas.....	51	51	9	9	1,671	1,248	24,865	52,749	6,527,040	37,794	228	210	3	542
Utah.....	12	11	14	4	275	347	6,790	13,320	1,783,061	10,862	43	43	3	542
Vermont.....	23	23	28	4	594	548	7,488	15,316	2,324,156	13,040	132	128	3	483
Virginia.....	15	7	10	10	390	333	6,123	12,693	1,625,384	9,940	43	40	3	483
Washington.....	15	15	10	12	388	457	6,901	14,114	1,942,777	10,968	64	60	3	221
West Virginia.....	33	13	11	11	425	421	5,240	12,328	1,534,275	6,038	57	48	2	153
Wisconsin.....	38	36	4	4	821	921	17,379	27,892	3,402,064	21,282	141	103	14	4,857
Wyoming.....	3	3	10	10	61	71	1,379	2,892	402,064	2,282	13	13	1	153

† Estimates are included for 598 school systems not reporting.

‡ Does not include kindergartens.



TABLE 64.—Percentage of enrolled pupils in average attendance, 1917-18, and ratio of men teachers at various periods.

States.	Per cent of attendance.						Ratio of men teachers.			
	Group I.	Group II.	Group III.	Group IV.	Group V.	The five groups combined.	1889-90	1909-10	1917-18	
	1	2	3	4	5	6	7	8	9	10
United States.....	78.0	78.7	78.6	80.2	79.9	78.7	8.2	8.7	10.4	
Alabama.....	68.8	71.9	66.9	69.1	67.3	68.9	19.7	7.4	9.6	
Arizona.....	69.2	64.1	73.9	67.2	67.2	67.2	4.9	7.5	4.9	
Arkansas.....	78.2	67.1	72.6	78.4	74.1	13.6	14.8	9.8	14.8	
California.....	74.2	72.3	72.0	78.4	79.8	74.3	6.5	9.2	12.5	
Colorado.....	73.9	72.2	76.8	73.8	74.3	74.3	10.4	9.1	11.1	
Connecticut.....	84.3	81.3	80.7	79.5	74.4	80.7	7.3	5.1	6.9	
Delaware.....	76.7	76.7	76.7	76.7	86.2	78.0	2.2	3.5	4.5	
District of Columbia.....	77.7	77.7	77.7	77.7	77.7	77.7	12.4	11.4	11.8	
Florida.....	76.7	80.9	72.4	77.5	78.1	78.1	19.5	7.2	7.5	
Georgia.....	85.4	80.3	74.1	75.1	85.2	80.6	14.7	10.1	8.9	
Idaho.....	72.9	83.1	78.1	79.0	79.0	79.0	14.7	13.5	13.5	
Illinois.....	86.4	77.2	81.8	84.5	84.3	84.5	6.4	7.5	8.9	
Indiana.....	78.7	78.1	77.2	81.5	83.6	78.9	10.4	11.7	13.4	
Iowa.....	77.3	80.8	79.5	85.2	80.4	80.4	6.4	5.7	8.7	
Kansas.....	78.6	74.4	75.2	81.8	77.0	77.0	16.7	10.3	9.9	
Kentucky.....	73.5	79.9	74.1	75.0	74.2	75.1	8.6	8.9	8.3	
Louisiana.....	75.6	68.7	72.9	72.9	73.6	73.6	7.3	5.8	5.8	
Maine.....	91.2	79.0	79.1	77.3	80.1	80.1	8.4	7.2	8.0	
Maryland.....	73.0	71.8	76.7	72.7	73.0	73.0	10.0	11.0	10.6	
Massachusetts.....	79.4	83.8	86.5	86.4	85.2	83.1	9.4	8.3	9.0	
Michigan.....	73.2	79.7	77.7	81.8	79.8	77.0	5.6	7.3	9.7	
Minnesota.....	82.7	84.2	86.3	84.8	87.0	83.9	6.4	6.8	9.8	
Mississippi.....	66.5	70.4	80.8	70.8	70.8	70.8	11.7	6.9	8.9	
Missouri.....	76.1	75.2	74.3	77.9	80.0	76.5	8.2	9.1	11.3	
Montana.....	73.0	73.4	71.3	72.7	73.0	73.0	7.5	8.6	8.4	
Nebraska.....	81.7	77.3	75.0	77.6	82.8	80.0	5.0	4.1	7.1	
Nevada.....	76.9	77.5	77.2	77.2	77.2	77.2	9.1	15.3	15.3	
New Hampshire.....	82.2	76.1	83.2	81.7	79.6	79.6	7.5	8.7	8.0	
New Jersey.....	77.8	78.0	77.6	76.7	77.5	77.7	4.3	4.9	9.0	
New Mexico.....	74.0	70.3	76.8	75.0	75.0	75.0	44.4	8.2	9.4	
New York.....	77.3	79.8	80.0	78.9	77.3	77.7	5.7	9.2	10.9	
North Carolina.....	70.2	77.1	71.0	74.6	73.9	73.9	28.2	11.4	8.8	
North Dakota.....	85.3	85.3	85.3	87.7	82.3	82.3	2.6	5.7	9.8	
Ohio.....	82.2	85.9	83.6	85.8	86.0	83.7	9.2	11.4	11.8	
Oklahoma.....	67.9	72.2	77.0	71.8	71.9	71.9	9.5	12.3	12.3	
Oregon.....	72.9	70.7	73.7	79.2	74.0	74.0	6.8	7.2	12.9	
Pennsylvania.....	74.4	80.8	85.7	84.8	80.0	80.0	7.8	9.2	12.0	
Rhode Island.....	77.6	77.4	77.9	81.4	72.0	77.9	8.1	7.4	8.0	
South Carolina.....	76.1	69.1	77.6	69.6	72.8	72.8	8.3	8.0	9.1	
South Dakota.....	78.8	83.1	85.1	82.1	82.1	82.1	11.8	10.0	8.1	
Tennessee.....	72.3	76.5	65.7	82.6	75.2	74.6	17.9	8.3	10.8	
Texas.....	70.0	71.4	73.3	71.6	71.2	71.2	20.6	18.1	11.5	
Utah.....	80.8	78.8	83.7	81.7	81.0	81.0	32.7	8.1	12.5	
Vermont.....	83.8	81.5	85.1	84.0	84.0	84.0	6.7	8.3	8.0	
Virginia.....	77.1	82.5	79.7	81.0	76.5	79.6	16.3	7.2	10.0	
Washington.....	76.2	76.0	79.1	74.5	77.7	76.7	9.8	12.2	15.2	
West Virginia.....	77.0	76.5	80.5	81.4	78.6	78.6	9.8	10.6	10.9	
Wisconsin.....	79.0	75.9	76.9	80.9	84.4	78.2	8.4	8.8	10.3	
Wyoming.....	68.4	81.6	78.9	78.0	78.0	78.0	8.7	8.7	7.7	

† Cities of 4,000 population and over.  
‡ Cities of 8,000 population and over.

§ Cities of 2,500 population and over.  
¶ Estimated

TABLE 65.—Combined summary of personnel and number of public elementary schools in all cities of 5,000 population and over, 1917-18.

States.	Super- visors.	Prin- cipals.	Teachers.			Enrollment.			Aggregate attend- ance.	Average daily attend- ance.	Number of schools.
			Men.	Womn.	Total.	Boys.	Girls.	Total.			
1	2		4	5	6	7	8	9	10	11	12
United States.....	3,086	6,844	7,709	153,428	161,137	3,077,504	3,063,956	6,141,460	899,379,910	4,926,602	14,134
Alabama.....	20	40	64	1,154	1,218	27,429	30,007	57,436	6,854,532	39,377	125
Arizona.....	16	19	14	370	384	8,954	8,876	17,830	2,131,940	11,690	52
Arkansas.....	15	34	37	640	677	14,218	15,148	29,366	3,562,871	20,657	80
California.....	173	317	355	6,323	6,689	121,589	116,182	237,771	33,780,898	188,361	697
Colorado.....	61	77	69	1,445	1,504	26,790	26,418	53,208	7,692,826	42,157	162
Connecticut.....	110	134	119	4,178	4,297	76,290	79,671	155,961	23,084,839	127,544	546
Delaware.....	14	14	14	265	265	5,399	5,310	10,709	1,571,566	9,263	20
District of Columbia.....	6	12	81	1,235	1,316	24,899	25,814	50,713	4,719,628	30,460	140
Florida.....	10	12	70	928	998	18,070	20,633	38,703	4,719,628	30,460	140
Georgia.....	23	97	43	1,877	1,920	41,486	47,077	88,572	12,377,897	70,440	233
Ideho.....	10	15	2	226	228	4,786	4,619	9,405	1,269,362	7,380	81
Illinois.....	168	444	420	10,863	11,202	256,784	231,666	488,450	74,896,122	411,269	851
Indiana.....	156	162	320	4,133	4,453	82,999	82,099	165,098	23,076,479	120,356	444
Iowa.....	106	173	67	2,692	2,749	46,185	46,926	92,111	13,008,482	73,389	260
Kansas.....	58	47	104	1,761	1,855	37,619	37,845	75,464	9,852,212	56,006	230
Kentucky.....	91	78	49	1,564	1,603	30,912	31,486	62,401	8,738,709	47,129	188
Louisiana.....	8	66	60	1,426	1,498	29,700	32,208	61,908	7,940,653	45,726	121
Maine.....	73	27	51	1,252	1,303	20,021	19,589	39,610	5,614,199	32,217	373
Maryland.....	9	102	85	2,177	2,213	46,570	44,979	91,549	11,438,768	64,707	189
Massachusetts.....	383	388	381	11,577	11,968	219,363	211,397	430,760	64,068,745	304,376	1,447
Michigan.....	167	258	175	5,191	5,366	102,190	103,043	205,233	30,138,997	164,077	545
Minnesota.....	97	176	113	2,988	3,101	64,866	53,388	118,254	17,082,180	124,577	381
Mississippi.....	20	176	6	610	628	14,518	10,408	24,926	3,708,937	20,775	86
Missouri.....	89	330	173	1,113	1,296	90,540	91,345	181,885	26,408,673	139,492	396
Montana.....	42	35	26	686	712	11,597	11,572	23,169	3,017,778	17,006	82
Nebraska.....	43	70	22	1,298	1,320	23,207	23,284	46,491	6,638,678	36,777	124
Nevada.....	6	6	0	37	37	900	889	1,789	241,768	1,399	5
New Hampshire.....	21	6	22	644	666	11,275	11,048	22,323	3,163,579	18,202	151
New Jersey.....	254	364	269	7,805	8,094	153,430	149,915	303,346	45,276,297	240,209	538
New Mexico.....	5	6	-3	99	102	2,318	2,420	4,738	606,997	3,406	15

TABLE 65.—Combined summary of personnel and number of elementary schools in all cities of 5,000 population and over, 1917-18—Continued.

States.	Super- visors.	Prin- cipals.	Teachers.			Enrollment.			Aggregate attend- ance.	Average daily attend- ance.	Number of schools.
			Men.	Women.	Total.	Boys.	Girls.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12
New York.....	483	1,265	1,927	26,844	28,671	525,961	513,890	1,039,841	159,817,834	892,870	1,172
North Carolina.....	18	26	37	1,145	1,182	25,314	27,638	53,972	6,581,365	38,641	118
North Dakota.....	11	7	2	219	221	4,316	4,135	8,451	67,120,776	342,304	891
Ohio.....	214	656	648	11,464	12,112	205,816	202,173	407,989	62,420,378	306,544	128
Oklahoma.....	39	64	78	1,102	1,180	25,292	25,693	50,985	6,424,378	30,544	128
Oregon.....	19	55	53	1,040	1,093	21,571	21,324	42,905	5,820,195	31,124	96
Pennsylvania.....	319	946	923	15,937	15,983	336,554	330,586	667,140	100,858,573	533,535	1,328
Rhode Island.....	10	17	13	1,874	1,877	35,477	35,391	70,868	9,844,591	56,424	819
South Carolina.....	10	17	33	1,027	1,060	16,928	17,050	33,978	4,305,177	24,545	65
South Dakota.....	20	17	5	284	290	4,527	4,416	8,943	1,307,267	7,336	40
Tennessee.....	22	76	103	1,429	1,532	82,294	34,589	66,873	8,344,054	49,853	140
Texas.....	64	194	176	3,010	3,786	81,439	83,092	164,531	20,273,071	115,971	390
Utah.....	17	13	57	859	916	15,938	15,698	31,636	4,495,275	25,468	62
Vermont.....	18	8	8	335	343	5,308	5,308	10,616	1,482,428	8,653	64
Virginia.....	16	55	154	1,951	2,105	36,904	40,917	76,921	11,339,323	61,647	160
Washington.....	58	135	149	2,075	2,224	43,057	42,982	86,039	12,006,039	68,451	304
West Virginia.....	37	56	53	1,014	1,014	18,938	19,447	38,385	5,211,955	29,445	124
Wisconsin.....	86	142	103	2,821	2,924	53,714	53,208	110,922	17,438,417	93,509	369
Wyoming.....	12	6	2	130	132	2,774	2,929	5,703	770,485	4,397	29

TABLE 66.—Summary of personnel and number of public elementary schools, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

States.	Super- visors.	Prin- cipals.	Teachers.			Enrollment.			Aggregate attend- ance.	Average daily attend- ance.	Number of schools.
			Men.	Women.	Total.	Boys.	Girls.	Total.			
United States.....	818	3,573	4,283	72,184	76,417	1,491,419	1,496,575	2,957,994	444,623,686	2,384,046	3,969
Alabama.....	9	24	41	545	586	13,045	13,905	26,920	3,261,579	18,477	54
Arizona.....	78	199	194	3,854	4,078	74,143	70,961	145,104	21,261,719	112,476	316
Arkansas.....	9	45	78	727	746	13,701	13,702	27,403	4,186,954	22,771	64
California.....	21	25	20	1,075	1,095	21,597	21,316	43,113	6,763,154	36,771	82
Colorado.....	16	15	41	1,235	1,316	24,299	25,311	49,713	6,823,203	39,440	140
Connecticut.....	8	54	0	608	608	12,475	13,939	26,405	4,087,620	17,709	59
Delaware.....	23	271	215	6,107	6,322	145,976	142,146	288,122	48,045,100	263,969	271
District of Columbia.....	5	16	56	984	1,040	18,399	18,715	37,314	5,188,452	28,983	72
Florida.....	10	45	13	615	658	13,111	13,223	26,334	3,394,808	19,537	56
Georgia.....	1	60	40	1,021	1,061	19,792	21,957	41,719	5,607,536	31,961	83
Idaho.....	5	97	120	1,990	2,110	37,380	36,964	74,264	9,524,547	53,511	101
Illinois.....	54	140	151	3,787	3,638	79,209	74,780	154,059	22,815,103	17,725	263
Indiana.....	32	147	65	2,642	2,307	46,975	46,585	93,563	13,346,954	73,979	165
Iowa.....	20	121	172	1,766	1,568	31,769	33,689	66,158	10,565,465	57,832	134
Kansas.....	15	156	98	2,377	2,675	57,371	59,738	119,069	17,823,710	92,313	180
Kentucky.....	9	51	0	709	709	11,451	11,413	23,664	3,588,650	10,290	52
Louisiana.....	10	104	82	2,978	2,710	57,399	56,874	113,183	17,279,697	90,903	116
Maine.....											
Maryland.....											
Massachusetts.....											
Michigan.....											
Minnesota.....											
Mississippi.....											
Missouri.....											
Montana.....											
Nebraska.....											
Nevada.....											
New Hampshire.....											
New Jersey.....											
New Mexico.....											

Estimated.

TABLE 66.—Summary of personnel and number of public elementary schools, 1917-18—Continued.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER—Continued.

States	Super- visors.	Prin- cipals.	Teachers.			Enrollment.			Total.	Aggregate attend- ance.	Average daily attend- ance.	Number schools.
			Men.	Women.	Total.	Boys.	Girls.					
1	2	8	4	6	6	7	8	9	10	11	12	
New York.....	233	1,071	1,080	21,368	22,978	430,997	421,353	862,350	131,193,972	909,130	666	
North Carolina.....	71	293	402	6,320	6,722	108,891	108,328	209,217	31,884,465	173,145	300	
North Dakota.....	7	44	33	778	811	16,229	15,940	32,169	4,607,218	23,595	61	
Oregon.....	66	340	528	6,868	7,366	101,683	157,978	319,658	49,599,475	241,177	383	
Rhode Island.....	11	19	20	752	772	15,036	15,176	30,251	4,225,168	24,111	91	
South Carolina.....	14	32	64	807	871	17,226	18,619	35,745	4,399,039	25,182	67	
South Dakota.....	14	32	64	807	871	17,226	18,619	35,745	4,399,039	25,182	67	
Tennessee.....	14	32	64	807	871	17,226	18,619	35,745	4,399,039	25,182	67	
Utah.....	14	32	64	807	871	17,226	18,619	35,745	4,399,039	25,182	67	
Virginia.....	26	103	103	645	742	10,264	11,446	21,710	3,081,183	17,025	39	
Washington.....	20	81	90	1,261	1,351	26,377	28,799	52,170	7,214,377	39,022	109	
West Virginia.....	9	60	6	955	961	22,405	22,556	46,191	7,373,250	38,050	65	
Wisconsin.....	9	60	6	955	961	22,405	22,556	46,191	7,373,250	38,050	65	
Wyoming.....	9	60	6	955	961	22,405	22,556	46,191	7,373,250	38,050	65	

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

United States.....	797	1,594	1,281	31,461	32,742	692,057	697,216	1,399,273	171,240,968	960,065	2,960
Alabama.....	6	5	9	291	300	5,542	6,147	11,689	1,391,476	8,390	26
Arizona.....	1	8	10	250	267	4,551	4,952	9,216	1,247,290	7,220	22
Arkansas.....	32	61	36	894	990	15,173	14,315	29,991	3,841,796	22,175	90
California.....	12	12	7	203	206	3,694	3,641	7,335	1,036,117	5,679	20
Colorado.....	37	56	58	1,195	1,248	19,721	22,261	42,972	6,328,217	35,176	80

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	1	24	C	• 306	304	5,416	6,670	12,085	1,977,695	9,268	30
Delaware	1	8	65	802	678	12,120	13,428	25,845	3,038,113	19,741	189
District of Columbia	8	27	21	591	612	12,421	16,104	27,788	4,108,581	25,928	78
Florida	28	83	77	1,433	1,610	26,119	25,783	51,902	7,484,194	40,770	141
Georgia	25	47	62	1,020	1,082	17,773	17,679	35,372	5,980,711	27,673	86
Idaho	11	102	33	1,342	1,376	22,918	23,723	46,641	6,376,445	36,117	127
Illinois	15	31	42	741	783	16,406	16,437	30,843	4,120,157	23,664	89
Indiana	16	23	7	537	364	6,338	6,545	12,903	1,969,020	10,483	31
Iowa	6	11	5	243	248	3,610	3,368	6,494	1,122,421	6,762	24
Kansas	87	220	91	3,868	3,969	69,460	69,446	137,900	20,871,870	117,123	418
Kentucky	51	58	61	1,268	1,269	22,402	22,772	45,171	6,861,883	36,952	118
Louisiana	11	25	0	285	6,388	6,472	6,472	11,060	2,046,204	11,194	38
Maine	19	41	31	740	771	12,005	12,767	26,362	3,883,802	18,845	74
Maryland	7	13	8	333	341	4,014	3,912	7,926	1,016,788	5,003	28
Massachusetts	8	17	11	242	253	4,146	4,171	8,317	1,135,738	6,453	18
Michigan	6	3	8	172	180	3,283	3,266	6,561	962,083	6,349	30
Minnesota	65	127	70	2,542	2,612	47,593	46,107	93,700	13,939,014	73,869	136
Mississippi	70	139	63	2,470	2,542	41,216	39,397	80,613	12,332,654	66,953	172
Missouri	8	8	8	146	149	3,334	3,460	6,994	768,390	4,925	10
Montana	19	14	16	1,582	1,628	32,189	31,907	64,196	10,100,187	56,030	139
Nebraska	6	20	11	302	313	6,888	6,781	13,819	1,611,588	9,166	82
Nevada	93	76	303	3,911	3,114	61,334	61,038	122,872	18,769,375	99,321	308
New Hampshire	9	8	6	335	361	5,825	5,827	11,772	1,660,655	9,133	44
New Jersey	2	9	2	130	132	3,017	3,122	6,429	877,669	4,849	7
New Mexico	6	25	28	431	459	10,068	10,661	20,619	2,644,215	15,704	63
New York	36	135	74	1,946	2,060	41,372	42,119	83,471	10,276,141	58,270	161
North Carolina	10	18	29	571	600	10,913	10,774	21,687	3,088,710	17,307	84
North Dakota	5	18	22	680	682	13,671	13,577	27,348	4,866,334	22,439	66
Oregon	8	25	18	315	333	6,605	6,540	13,145	1,876,450	10,310	30
Pennsylvania	10	26	17	510	528	9,600	9,617	11,547	1,531,972	8,738	29
Rhode Island	11	20	47	465	513	6,381	6,755	17,139	2,099,818	14,262	45
South Carolina	5	18	22	680	682	13,671	13,577	27,348	4,866,334	22,439	66
South Dakota	8	25	18	315	333	6,605	6,540	13,145	1,876,450	10,310	30
Tennessee	10	26	17	510	528	9,600	9,617	11,547	1,531,972	8,738	29
Texas	11	20	47	465	513	6,381	6,755	17,139	2,099,818	14,262	45
Utah	5	18	22	680	682	13,671	13,577	27,348	4,866,334	22,439	66
Vermont	8	25	18	315	333	6,605	6,540	13,145	1,876,450	10,310	30
Virginia	10	26	17	510	528	9,600	9,617	11,547	1,531,972	8,738	29
Washington	11	20	47	465	513	6,381	6,755	17,139	2,099,818	14,262	45
West Virginia	5	18	22	680	682	13,671	13,577	27,348	4,866,334	22,439	66
Wisconsin	8	25	18	315	333	6,605	6,540	13,145	1,876,450	10,310	30
Wyoming	10	26	17	510	528	9,600	9,617	11,547	1,531,972	8,738	29

TABLE 66.—Summary of personnel and number of public elementary schools, 1917-18—(Continued).  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

States.	Super- visors.	Prin- cipals.	Teachers.			Enrollment.			Aggregate attend- ance.	Average daily attend- ance.		Number of schools.
			Men.	Women.	Total.	Boys.	Girls.	Total.		11	12	
United States.....	1,171	1,303	1,235	29,257	30,492	578,145	579,910	1,158,055	164,206,304	914,960	3,752	
Alabama.....	4	6	8	183	191	5,336	6,097	11,433	1,313,239	7,522	26	
Arizona.....	3	4	8	133	163	3,617	3,398	6,955	790,901	4,926	17	
Arkansas.....	3	5	10	158	199	6,871	7,458	14,329	1,602,764	9,252	68	
California.....	53	51	103	1,164	1,283	21,400	24,153	49,553	6,390,797	31,570	138	
Colorado.....	13	6	15	215	230	3,583	3,713	7,576	986,886	5,494	24	
Connecticut.....	39	47	29	1,204	1,233	21,389	21,201	42,590	6,059,732	33,972	192	
Delaware.....	2	4	4	206	210	3,313	4,850	8,162	1,120,368	7,002	32	
District of Columbia.....	7	6	11	299	290	6,033	6,577	12,610	1,651,523	5,325	39	
Florida.....	3	63	2	81	83	1,657	1,531	3,188	401,541	2,321	9	
Georgia.....	76	77	121	1,862	1,914	36,021	35,114	71,135	10,676,796	58,330	224	
Illinois.....	76	77	121	1,379	1,600	29,890	29,103	58,993	8,338,185	45,592	171	
Iowa.....	87	61	16	1,054	1,050	17,996	17,644	35,640	5,110,489	28,615	121	
Kansas.....	20	3	34	531	566	11,154	11,454	22,608	2,907,128	16,519	74	
Kentucky.....	15	2	15	242	257	4,691	4,764	9,425	1,272,182	6,864	31	
Louisiana.....	6	5	12	289	301	6,582	7,465	13,823	1,809,189	9,301	24	
Maine.....	32	12	47	384	401	6,862	7,465	13,823	1,809,189	9,301	24	
Maryland.....	2	12	11	182	193	5,034	5,261	10,295	1,262,773	7,941	19	
Massachusetts.....	96	91	36	2,315	2,351	41,553	40,098	81,651	12,173,835	71,260	349	
Michigan.....	59	33	31	1,000	1,031	19,934	19,876	39,810	5,792,050	30,832	136	
Minnesota.....	20	13	3	256	278	3,798	3,779	7,577	1,223,390	6,619	36	
Mississippi.....	8	2	9	266	275	7,253	8,217	15,470	1,784,707	9,968	33	
Missouri.....	7	6	11	306	317	6,550	6,674	13,224	1,734,038	9,703	40	
Montana.....	25	18	14	359	373	5,941	5,963	11,934	1,573,422	8,733	47	
Nebraska.....	4	5	1	53	54	1,161	1,161	2,322	308,173	1,751	7	
Nevada.....	2	2	0	37	37	900	989	1,789	241,748	1,899	6	
New Hampshire.....	78	87	98	1,543	1,582	31,404	31,404	63,704	1,329,164	8,911	73	
New Jersey.....	78	87	98	1,543	1,582	31,404	31,404	63,704	1,329,164	8,911	73	
New Mexico.....	3	5	0	50	50	1,184	1,227	2,411	318,087	1,775	6	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New York	128	113	2,304	2,360	40,831	40,088	80,929	12,498,985	66,301	237
North Carolina	13	31	553	548	11,250	12,373	23,623	3,107,060	17,821	37
North Dakota	7	7	187	179	2,524	2,728	5,252	828,061	4,453	15
Ohio	57	74	2,811	2,841	40,739	39,728	80,467	11,538,413	104,035	246
Oklahoma	22	41	2,570	630	15,154	13,489	26,653	3,336,347	19,023	66
Oregon	77	108	67	74	1,442	1,466	2,908	339,412	1,971	9
Pennsylvania	15	5	2,061	2,815	58,135	57,818	115,953	18,335,763	99,610	313
Rhode Island	6	4	19	491	8,674	8,379	17,053	2,296,078	13,288	98
South Carolina	6	4	227	253	6,715	7,266	13,981	1,614,226	9,498	23
South Dakota	12	10	156	160	2,321	2,324	4,645	684,094	3,793	19
Tennessee	1	5	59	61	1,629	1,803	3,432	391,500	2,175	6
Texas	17	50	905	944	22,002	22,268	44,270	5,394,285	31,056	131
Utah	3	11	205	210	3,049	2,960	6,008	839,176	4,854	14
Vermont	9	1	170	174	2,812	2,567	5,669	788,632	4,709	26
Virginia	11	12	416	440	9,302	10,856	20,198	2,874,279	16,006	35
Washington	23	20	708	416	7,934	7,576	15,510	2,178,461	12,103	43
West Virginia	13	20	367	394	7,596	7,448	14,043	2,029,467	11,364	44
Wisconsin	37	44	945	984	16,383	16,311	32,704	5,257,174	28,866	115
Wyoming	2	4	42	42	10,362	10,370	1,732	215,025	1,175	9

GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

United States	830	474	990	21,486	415,983	420,255	836,138	119,218,942	667,521	3,433
Alabama	11	5	135	141	3,539	3,857	7,394	888,238	5,038	19
Arizona	3	3	215	221	6,337	5,537	10,874	1,341,039	7,064	35
Arkansas	10	6	109	118	2,765	3,028	5,821	683,827	4,155	20
California	27	11	300	407	6,867	6,573	13,440	1,946,284	10,830	53
Colorado	16	6	704	721	6,532	6,362	10,894	1,455,159	8,213	54
Connecticut	7	15	146	145	3,129	3,068	6,217	887,821	5,039	22
Delaware	51	22	1,760	1,831	46,928	46,628	93,556	1,063,022	48,180	205
District of Columbia	1	1	119	120	2,338	2,355	4,693	528,345	3,363	11
Florida	18	5	409	420	9,183	10,406	19,589	2,530,370	14,678	59
Georgia	22	13	479	507	10,959	10,954	21,913	2,788,927	15,763	67
Idaho	10	8	310	324	6,782	6,957	13,739	1,897,090	10,245	40
Illinois	51	4	116	124	3,358	3,006	6,364	763,928	4,574	14
Indiana	60	4	625	654	9,628	9,569	19,197	2,651,410	14,954	220
Iowa	18	3	106	110	2,336	2,336	4,690	630,218	3,651	14
Kansas	22	13	479	507	10,959	10,954	21,913	2,788,927	15,763	67
Kentucky	10	8	310	324	6,782	6,957	13,739	1,897,090	10,245	40
Louisiana	1	4	116	124	3,358	3,006	6,364	763,928	4,574	14
Maine	35	4	625	654	9,628	9,569	19,197	2,651,410	14,954	220
Maryland	2	3	106	110	2,336	2,336	4,690	630,218	3,651	14
Massachusetts	96	47	1,577	1,630	29,071	28,263	57,334	8,692,631	49,655	377



TABLE 66.—Summary of personnel and number of public elementary schools, 1917-18—Continued.  
GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION—Continued.

States.	Super- visors.	Prin- cipals.	Teachers.			Enrollment.			Aggregate attendance.	Average daily attend- ance.	Number of schools.
			Men.	W.omen.	Total.	Boys.	Girls.	Total.			
Michigan.....	45	22	18	741	759	13,879	13,907	27,688	4,348,130	22,694	126
Minnesota.....	46	11	8	632	640	10,485	10,485	21,169	3,225,049	17,878	96
Mississippi.....	12	4	9	344	353	7,265	7,265	15,456	1,922,250	10,807	53
Montana.....	21	27	23	480	328	12,014	12,376	24,260	3,887,183	18,681	92
Nebraska.....	10	4	4	94	98	1,632	1,667	3,269	427,568	2,869	12
Nevada.....	22	2	10	294	304	6,049	6,139	12,188	1,626,127	9,883	47
New Hampshire.....	10	36	7	156	163	2,449	2,457	4,936	681,722	4,042	52
New Jersey.....	29	2	30	650	686	16,564	16,184	32,768	4,697,265	35,241	113
New Mexico.....	2	.....	3	49	52	1,134	1,193	2,327	297,410	1,431	9
New York.....	53	32	28	763	791	12,877	13,042	25,919	3,962,613	20,870	97
North Carolina.....	2	5	28	446	474	10,760	11,825	22,585	2,705,900	15,985	51
North Dakota.....	4	.....	0	82	83	1,853	1,737	3,590	439,185	2,640	12
Ohio.....	67	23	81	1,450	1,531	27,459	27,032	54,491	8,107,712	46,492	216
Oklahoma.....	12	3	16	221	237	5,570	5,478	11,043	1,476,468	8,263	37
Oregon.....	12	11	13	195	208	3,900	3,978	7,886	998,463	5,615	26
Pennsylvania.....	52	31	62	2,447	2,580	51,002	51,045	102,047	15,901,328	93,027	319
Rhode Island.....	13	16	16	291	303	6,243	6,243	12,486	1,785,735	9,594	86
South Carolina.....	2	4	5	270	275	6,089	6,089	12,178	1,813,272	10,198	35
South Dakota.....	8	7	1	138	139	2,208	2,682	4,288	642,273	3,743	21
Tennessee.....	1	4	9	132	141	3,361	3,718	7,077	1,019,800	5,762	14
Texas.....	11	9	63	719	782	18,065	18,705	36,790	4,802,605	26,645	94
Utah.....	4	2	23	83	106	1,966	1,964	3,960	555,339	3,307	14
Vermont.....	9	1	4	165	169	2,486	2,451	4,947	663,796	3,646	38
Virginia.....	.....	.....	5	230	235	3,667	3,998	7,665	1,098,647	6,149	35
Washington.....	7	.....	21	163	124	3,141	3,067	6,208	829,751	4,616	22
West Virginia.....	14	11	22	275	287	5,829	6,052	11,881	1,654,616	9,383	40
Wisconsin.....	28	8	11	456	467	7,335	7,553	14,888	2,241,545	12,881	84
Wyoming.....	10	5	2	88	90	1,912	2,069	3,971	535,460	3,222	30

TABLE 67.—Combined summary of personnel and number of public secondary schools for the four groups of cities of 5,000 population and over, 1917-18.

States.	Super- visors.	Prin- cipals.	Teachers.			Enrollment.			T. tal.	Aggregate attendance.	Average daily attend- ance.	Number of schools.
			Men.	Women.	Total.	Boys.	Girls.	Total.				
1	2	8	4	5	6	7	8	9	10	11	12	
United States	3,322	1,148	13,177	24,645	37,822	410,108	512,023	922,131	135,732,039	745,753	1,650	
Alabama	1	10	65	132	197	2,949	4,566	7,515	1,402,536	5,779	16	
Arizona	7	46	119	189	268	1,821	2,760	4,581	189,842	938	9	
Arkansas	8	48	87	153	201	1,731	2,760	4,491	616,914	3,331	14	
California	20	96	159	1,530	2,379	20,631	24,453	45,884	6,454,735	33,445	60	
Colorado	15	115	159	802	961	4,966	5,999	10,965	1,641,634	9,664	20	
Connecticut	4	21	209	649	858	9,876	11,905	21,781	3,492,948	19,120	40	
Delaware	9	22	9	47	56	670	1,085	1,761	175,369	1,069	2	
District of Columbia	7	7	124	301	325	3,209	3,988	7,197	608,630	5,905	7	
Florida	1	7	23	96	119	1,296	1,966	3,262	433,248	2,730	14	
Georgia	13	13	126	192	318	3,599	5,239	8,838	1,208,913	7,034	42	
Idaho	1	6	43	64	107	1,201	1,005	2,206	402,933	2,338	7	
Illinois	17	62	799	1,310	2,109	20,569	31,084	57,563	9,518,043	51,529	73	
Indiana	17	43	463	873	1,336	13,737	16,512	30,249	4,368,473	25,245	66	
Iowa	18	27	280	628	908	8,414	10,747	19,191	2,887,067	16,305	29	
Kansas	5	18	157	408	565	5,413	7,969	13,382	2,006,414	11,422	31	
Kentucky	3	14	124	231	355	3,315	4,945	8,270	1,270,887	6,897	33	
Louisiana	2	9	55	181	236	1,900	3,045	5,551	798,448	4,997	19	
Maine	13	17	86	258	344	3,430	4,528	7,948	1,220,179	6,068	25	
Maryland	15	11	150	189	339	3,748	4,488	8,236	1,287,023	7,028	18	
Massachusetts	34	111	1,007	2,716	3,723	34,429	41,277	73,706	11,608,288	64,695	131	
Michigan	16	57	560	1,254	1,814	19,523	22,328	41,851	6,193,459	33,670	68	
Minnesota	1	31	380	716	1,046	10,182	13,646	24,028	3,840,844	19,444	42	
Mississippi	1	10	45	142	187	1,702	2,177	4,479	652,845	3,054	17	
Missouri	6	32	451	645	1,096	12,150	16,717	28,867	4,407,965	23,405	46	
Montana	5	6	44	86	129	1,389	1,928	3,317	4,459,287	2,581	5	
Nebraska	15	15	100	290	390	3,982	5,110	9,092	1,434,964	7,956	17	
Nevada	1	1	6	14	20	80	183	269	36,330	810	1	
New Hampshire	1	5	55	176	231	2,222	2,864	5,106	808,574	4,537	17	
New Jersey	16	67	669	1,691	2,360	17,872	20,680	38,468	5,920,967	31,691	64	
New Mexico	3	2	7	29	36	342	490	832	5,111,968	81,630	3	

TABLE 67.—Combined summary of personnel and number of public secondary schools for the four groups of cities of 5,000 population and over, 1917-18—Continued.

States.	Super- visors.	Prin- cipals.	Teachers.			Enrollment.			Average daily attend- ance.	Number of schools.	
			Men.	Women.	Total.	Boys.	Girls.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12
New York.....	32	105	1,837	3,091	4,928	62,284	68,846	131,130	16,622,832	89,741	113
North Carolina.....	2	7	66	142	208	2,776	3,585	6,361	878,849	5,037	19
North Dakota.....	.....	.....	26	56	82	1,332	1,332	2,664	268,351	1,471	6
Ohio.....	20	69	1,085	1,585	2,670	28,456	33,653	62,069	9,784,384	51,158	112
Oklahoma.....	7	16	127	243	370	3,429	4,912	8,341	1,124,651	6,448	18
Oregon.....	.....	9	122	234	356	3,130	4,867	7,997	1,250,378	6,728	12
Pennsylvania.....	27	86	1,379	1,811	3,190	38,654	46,965	85,579	13,286,176	70,406	175
Rhode Island.....	4	9	131	247	378	3,197	4,169	7,366	1,167,277	6,467	15
South Carolina.....	.....	3	44	124	168	1,356	2,455	3,791	530,292	3,028	22
South Dakota.....	3	3	40	87	127	1,059	1,349	2,408	339,377	1,900	6
Tennessee.....	.....	9	99	219	318	2,868	4,019	6,887	1,121,320	6,533	21
Texas.....	1	44	368	778	1,146	12,100	17,272	29,372	3,971,580	22,590	66
Utah.....	4	2	36	91	127	1,429	1,460	2,889	371,369	2,368	4
Vermont.....	.....	.....	30	94	124	1,254	1,460	2,713	411,062	2,398	9
Virginia.....	2	9	100	312	412	3,567	5,866	9,423	1,440,746	7,800	26
Washington.....	10	22	314	461	775	7,719	11,039	18,758	2,690,084	14,723	30
West Virginia.....	17	18	97	267	364	3,475	4,189	7,664	1,133,316	6,424	23
Wisconsin.....	11	31	269	659	928	11,196	13,344	24,540	3,748,166	20,661	47
Wyoming.....	.....	2	13	30	43	1,400	584	984	138,963	789	5

TABLE 68.—Summary of personnel and number of public secondary schools, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

States	Super- visors.	Princi- pals.	Teachers.			Enrollment.			Aggregate attendance.	Average daily attend- ance.	Number of schools.
			Men.	Women.	Total.	Boys.	Girls.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12
United States.....	34	320	6,069	8,615	14,684	175,095	204,961	380,056	55,096,773	286,759	292
Alabama.....	1	3	30	79	109	1,365	1,984	3,379	452,589	2,557	3
Arizona.....											
Arkansas.....	11	56	438	890	1,318	10,511	14,564	25,075	3,465,374	18,438	24
California.....		5	56	145	201	2,438	2,816	5,254	832,840	4,635	5
Colorado.....											
Connecticut.....		1	68	131	199	2,832	3,180	6,012	961,977	5,190	2
Delaware.....											
District of Columbia.....		7	124	201	325	3,209	3,968	7,197	998,630	5,805	7
Florida.....											
Georgia.....			23	44	67	381	1,192	1,573	1,241,740	11,343	3
Idaho.....											
Illinois.....	5	27	478	619	1,097	15,954	47,555	33,509	5,934,940	31,738	23
Indiana.....		3	88	159	247	2,635	3,073	5,708	872,983	4,877	4
Iowa.....											
Kansas.....											
Kentucky.....		3	57	75	132	1,376	1,955	3,331	514,583	2,843	3
Louisiana.....		3	31	89	120	854	1,764	2,618	402,984	2,289	3
Maine.....											
Maryland.....											
Massachusetts.....	11	24	406	569	975	12,774	14,432	27,206	4,086,305	22,416	24
Michigan.....											
Minnesota.....	1	18	258	533	791	9,782	9,598	19,680	2,660,028	14,756	17
Mississippi.....		10	176	359	535	5,275	7,182	12,457	2,063,459	11,262	12
Missouri.....											
Montana.....	1	12	328	344	672	7,801	10,629	18,430	2,854,253	14,714	12

† Estimated.

TABLE 68.—Summary of personnel and number of public secondary schools, 1917-18—Continued.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER—Continued.

States.	Super- visors.	Prin- cipals.	Teachers.			Enrollment.			Aggregate attendance.	Average daily attend- ance.			Number of schools.
			Men.	Women.	Total.	Boys.	Girls.	Total.		10	11	12	
1	2	3	4	5	6	7	8	9	10	11	12		
Neb. ....													
Nevada.....		4	46	121	167	1,766	2,144	3,910	712,065	3,849	1	4	
New Hampshire.....													
New Jersey.....	5	10	288	246	514	5,780	5,987	11,767	1,890,228	9,970	10	10	
New Mexico.....													
New York.....	3	51	1,518	1,992	3,410	47,655	60,984	97,839	11,703,846	63,334	87	87	
North Carolina.....													
North Dakota.....													
Ohio.....	1	25	488	684	1,122	11,692	13,113	24,715	3,984,886	21,280	86	86	
Oklahoma.....													
Oregon.....		6	78	153	231	2,200	3,460	5,660	904,194	4,734	6	6	
Pennsylvania.....	12	23	604	592	1,196	14,019	17,407	31,586	4,783,264	24,541	24	24	
Rhode Island.....		5	75	108	183	1,920	1,915	3,735	538,788	3,044	4	4	
South Carolina.....													
South Dakota.....													
Tennessee.....		2	43	103	146	1,211	2,010	3,221	522,766	3,006	5	5	
Texas.....													
Utah.....													
Vermont.....		2	27	66	93	878	1,045	2,523	342,271	1,891	5	5	
Virginia.....													
Washington.....		11	197	227	424	4,309	6,245	10,554	1,336,008	8,454	8	8	
West Virginia.....		9	64	110	174	3,148	3,363	6,511	953,663	4,693	7	7	
Wisconsin.....													
Wyoming.....													

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

	64	195	2,500	5,020	7,520	79,469	100,612	180,081	26,251,676	146,216	237
United States.....											
Alabama.....	2	14	39	53	619	1,182	1,801	238,214	1,446	3	
Arkansas.....	2	15	25	40	556	868	1,424	192,270	1,105	9	
California.....	7	122	222	344	3,300	4,328	7,028	978,555	5,580	9	
Colorado.....	2	28	57	701	2,780	3,105	5,895	167,082	911	2	
Connecticut.....	4	80	194	274	576	885	1,261	940,800	5,227	6	
Delaware.....	2	9	47	56	717	885	1,261	175,389	885	2	
District of Columbia.....	1	3	11	40	51	874	1,568	205,417	1,306	3	
Florida.....	3	40	51	91	1,549	1,447	2,966	371,815	2,137	9	
Georgia.....	4	40	51	91	1,549	1,447	2,966	371,815	2,137	9	
Idaho.....	0	115	209	322	3,358	4,284	7,642	1,049,738	5,714	8	
Illinois.....	4	77	171	261	2,320	3,016	5,385	895,198	4,960	8	
Indiana.....	4	7	115	261	2,320	3,016	5,385	895,198	4,960	8	
Iowa.....	6	69	131	200	2,140	2,660	5,182	1,280,149	7,306	7	
Kansas.....	4	15	50	65	631	874	1,505	231,137	1,226	6	
Kentucky.....	2	20	67	87	921	1,158	2,069	297,404	1,797	2	
Louisiana.....	4	22	330	686	1,018	11,927	21,073	3,309,458	18,665	25	
Maine.....	3	9	85	222	307	3,834	7,089	1,106,720	6,062	9	
Michigan.....	3	8	46	86	1,540	2,020	3,696	250,980	1,371	6	
Minnesota.....	8	15	28	44	1,014	2,014	3,528	522,986	2,913	8	
Mississippi.....	1	15	28	44	480	647	1,127	155,066	880	1	
Missouri.....	8	15	48	68	814	894	1,708	214,866	1,221	1	
Montana.....	1	7	39	46	413	599	1,012	167,525	953	3	
Nebraska.....	5	10	157	301	458	5,935	11,039	1,655,429	8,869	10	
Nevada.....	1	12	141	410	551	6,726	12,288	1,799,769	9,624	12	
New Hampshire.....	1	8	15	23	230	421	651	69,201	443	1	
New Jersey.....	4	10	165	187	3,842	4,745	8,587	1,346,982	7,513	11	
New Mexico.....	4	4	21	57	78	1,305	2,278	291,840	1,646	2	
New York.....	8	12	141	410	551	6,726	12,288	1,799,769	9,624	12	
North Carolina.....	1	15	36	51	701	8,603	15,813	3,037,886	16,126	22	
North Dakota.....	1	14	20	22	328	566	1,122	180,272	988	2	
Ohio.....	4	21	57	78	973	1,305	2,278	291,840	1,646	2	
Oklahoma.....	1	15	36	51	701	8,603	15,813	3,037,886	16,126	22	
Oregon.....	2	1	18	22	0	0	0	0	0	0	
Pennsylvania.....	1	15	36	51	701	8,603	15,813	3,037,886	16,126	22	
Rhode Island.....	1	14	20	22	328	566	1,122	180,272	988	2	
South Carolina.....	1	14	20	22	328	566	1,122	180,272	988	2	
South Dakota.....	1	14	20	22	328	566	1,122	180,272	988	2	

TABLE 68.—Summary of personnel and number of public secondary schools, 1917-18—Continued.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

States.	Super- vitors.	Prin- cipals.	Teachers.		Enrollment.		Aggregate attendance.	Average daily attendg ance.	Number of schools.		
			Men.	Women.	Boys.	Girls.				Total.	
1	3	3	4	5	6	7	8	9	10	11	12
Arkansas		4	26	53	79	804	1,256	2,090	294,314	1,635	7
California	1	20	172	349	541	5,320	7,746	13,098	1,747,603	9,931	20
Illinois	4	1	31	70	101	1,225	1,428	2,654	419,704	2,358	2
Indiana		2	34	114	148	1,133	1,324	2,357	485,226	2,673	5
Iowa	4	2	40	62	102	1,100	1,363	2,362	361,360	1,960	2
Kansas	5	7	46	121	167	1,392	1,523	2,915	420,423	2,394	8
Michigan	3	4	45	114	159	1,390	2,407	4,207	653,913	3,522	5
Minnesota											
Missouri											
Nebraska											
Nevada											
New York											
North Carolina											
Ohio											
Oklahoma											
Oregon											
Texas											
Virginia											
Washington											
West Virginia											
Wisconsin											
Wyoming											

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

United States	122	340	2,642	6,014	8,656	89,186	117,640	206,828	30,771,422	171,148	476
Alabama		3	11	33	44	474	688	1,162	154,989	890	4
Arizona		1	3	9	12	150	205	357	39,270	233	1
Arkansas		4	23	56	79	766	1,022	1,698	257,278	1,478	4
California	1	15	206	293	498	5,101	7,373	12,534	1,500,048	8,358	16
Colorado		1	23	46	69	796	960	1,776	226,901	1,263	4
Connecticut		2	66	209	275	2,361	3,709	6,570	1,071,426	5,874	15
Delaware											
District of Columbia		4	4	26	32	268	550	838	124,810	780	2
Florida		2	23	40	63	667	1,044	1,711	239,261	1,351	6
Georgia											
Idaho		1	14	19	33	435	576	1,011	127,838	739	1
Illinois	7	13	130	280	408	4,503	5,679	10,182	1,526,838	8,473	18
Indiana	14	21	183	306	489	5,104	6,038	11,452	1,666,603	9,157	22
Iowa	12	12	86	253	339	3,252	4,376	7,928	1,160,064	6,511	12
Kansas	4	4	41	140	181	1,535	2,343	3,978	585,864	3,349	9

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Kentucky.....	18	43	567	878	1,396	213,376	1,148	7
Louisiana.....	14	76	906	1,559	2,965	315,076	1,828	8
Maine.....	24	77	1,146	1,436	2,582	414,950	2,363	8
Maryland.....	18	27	1,712	1,324	1,987	192,585	1,097	5
Massachusetts.....	146	546	6,165	8,463	15,068	2,385,248	13,458	33
Michigan.....	13	265	3,729	4,658	8,394	1,310,899	7,022	18
Minnesota.....	4	89	1,345	1,345	2,310	393,283	1,922	5
Mississippi.....	4	25	811	1,437	2,248	325,409	1,818	5
Missouri.....	4	51	839	1,199	2,035	298,143	1,633	3
Montana.....	29	56	909	1,281	2,190	394,221	1,691	4
Nebbraska.....	1	12	165	240	405	53,664	305	1
Nevada.....	6	14	196	183	269	36,330	210	1
New Hampshire.....	5	96	1,343	1,771	3,114	485,144	2,749	9
New Jersey.....	10	283	4,319	5,301	9,620	1,447,794	7,874	22
New Mexico.....	1	12	151	223	374	51,300	285	1
New York.....	27	133	8,824	8,741	15,675	2,333,224	12,504	40
North Carolina.....	4	50	1,226	1,742	3,018	490,530	2,679	6
North Dakota.....	2	28	44	62	1,024	165,823	887	3
Ohio.....	16	259	6,747	8,107	14,517	2,321,651	12,975	20
Oklahoma.....	10	74	1,642	2,477	4,119	574,631	2,369	10
Oregon.....	15	21	188	298	482	81,700	475	1
Pennsylvania.....	26	237	8,086	10,098	18,184	2,851,165	15,431	50
Rhode Island.....	1	74	889	1,315	2,204	356,053	1,928	6
South Carolina.....	1	34	537	944	1,431	199,901	1,181	6
South Dakota.....	1	17	478	560	1,038	126,212	720	2
Tennessee.....	4	17	171	286	467	60,480	386	2
Texas.....	102	240	4,144	5,967	10,111	1,356,366	7,902	24
Utah.....	13	18	317	384	701	85,491	483	1
Vermont.....	5	48	670	711	1,281	202,931	1,208	3
Virginia.....	25	82	1,037	1,721	2,758	403,853	2,262	9
Washington.....	5	119	1,864	2,204	3,868	570,102	3,176	6
West Virginia.....	5	61	981	1,211	2,102	317,140	1,768	6
Wisconsin.....	14	291	3,909	4,682	8,581	1,281,989	7,492	17
Wyoming.....	1	10	134	170	304	39,711	217	1



TABLE 68.—Summary of personnel and number of public secondary schools, 1917-18—Continued.  
GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

States.	Super- visors.	Prin- cipals.	Teachers.			Enrollment.			Aggregate attendance.	Average daily attend- ance.		Number of schools.	
			Men.	Women.	Total.	Boys.	Girls.	Total.		10	11 12		
											4		5
United States.....	82	293	1,966	4,966	6,962	66,346	88,810	185,166	23,672,168	182,639	655		
Alabama.....		2	10	21	41	491	712	1,173	157,064	866	6		
Arizona.....	7	2	10	44	57	417	606	1,023	180,072	715	8		
Arkansas.....		2	10	35	47	417	606	1,023	180,072	715	8		
California.....	1	8	72	141	213	1,689	2,904	3,498	3,907,715	3,041	10		
Colorado.....		7	37	77	114	1,183	1,602	2,685	886,261	2,246	9		
Connecticut.....		6	25	115	140	1,393	1,911	3,304	518,685	2,829	17		
Delaware.....													
District of Columbia.....													
Florida.....			8	26	36	291	840	831	103,021	644	9		
Georgia.....		4	40	67	97	1,002	1,646	2,658	346,087	2,223	22		
Idaho.....	1	5	29	45	74	766	1,029	1,795	275,045	1,599	6		
Illinois.....	6	11	66	216	282	2,664	3,566	6,260	1,006,127	5,604	25		
Indiana.....	3	15	115	287	392	3,668	4,396	8,064	1,222,719	6,851	33		
Iowa.....	2	8	29	114	143	1,267	1,564	2,851	486,854	2,488	9		
Kansas.....	1	8	42	137	179	1,729	2,490	4,219	663,418	3,027	13		
Kentucky.....	3	4	34	63	97	801	1,247	2,048	311,791	1,673	17		
Louisiana.....			10	16	26	246	322	668	80,608	870	5		
Maine.....	4	2	12	14	26	1,243	1,624	3,277	698,025	2,868	15		
Maryland.....			15	35	50	1,000	1,350	2,350	360,000	2,800	15		
Massachusetts.....	5	33	125	412	538	5,202	6,565	11,757	1,827,289	10,196	49		
Michigan.....	9	17	93	224	327	5,870	3,838	6,708	1,113,812	5,830	24		
Minnesota.....	1	14	85	227	312	2,267	3,299	5,586	843,122	4,905	20		
Mississippi.....		6	20	86	106	1,661	1,840	2,231	327,456	1,826	12		
Missouri.....	2	8	52	151	203	1,996	2,875	4,874	724,613	4,063	18		
Montana.....													
Nbraska.....			33	110	143	1,227	1,822	3,069	454,219	2,361	11		
Nevada.....	1	2	12	28	40	496	814	980	185,905	865	5		
New Hampshire.....													

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New Jersey.....	18	73	192	265	2,670	3,297	5,967	927,458	5,038	23
New Mexico.....	1	5	17	22	191	267	458	60,968	345	2
New York.....	15	45	229	274	2,283	3,065	5,378	795,991	4,279	23
North Carolina.....	3	18	58	86	1,070	1,420	2,496	310,118	1,915	12
North Dakota.....	1	18	26	36	356	450	766	102,228	674	8
Ohio.....	18	203	386	638	6,215	7,678	13,850	2,180,566	12,440	46
Oklahoma.....	2	32	49	81	814	1,130	1,944	266,680	1,538	6
Oregon.....	3	29	60	89	744	1,111	1,855	284,484	1,519	5
Pennsylvania.....	22	212	409	621	6,976	9,080	16,000	2,457,191	14,108	79
Rhode Island.....	2	12	22	34	260	344	604	92,214	4,577	4
South Carolina.....	1	26	70	96	799	985	1,704	251,928	1,414	15
South Dakota.....	2	23	43	69	581	789	1,370	213,168	1,180	4
Tennessee.....	2	26	46	72	702	1,057	1,759	293,730	1,506	7
Texas.....	7	44	169	263	2,036	3,569	6,195	865,759	5,017	22
Utah.....	3	4	3	7	83	77	130	21,124	117	1
Vermont.....	2	12	46	58	688	749	1,237	208,131	1,188	6
Virginia.....	14	14	49	63	519	766	1,285	190,416	1,104	7
Washington.....	3	20	53	73	547	927	1,474	198,884	1,107	4
West Virginia.....	9	23	35	46	1,102	1,485	2,567	385,766	2,243	9
Wisconsin.....	7	63	174	226	2,028	2,812	5,181	946,010	4,654	18
Wyoming.....	1	9	20	29	266	414	680	99,212	572	4

TABLE 69 (a).—Combined summary of public kindergartens, normal, vocational, and special schools for the four groups of cities of 5,000 population and over, 1917-18.

States.	Kindergartens.										Normal, vocational, and special schools.									
	Super- visors.	Teach- ers.	Enrollment.			Aggregate attend- ance.	Average daily attend- ance.	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aggregate attend- ance.	Average daily attend- ance.	Num- ber of schools.				
			Boys.	Girls.	Total.					Men.	Women.	Boys.	Girls.				Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
United States.....	70	8,016	200,568	201,267	401,835	39,449,402	213,904	58	135	1,286	2,902	57,017	46,305	103,322	11,378,099	61,277	453			
Alabama.....	1	21	241	288	529	42,021	257			21	6	481	108	647	19,986	318	2			
Arizona.....	14	352	368	720	46,963	275														
Arkansas.....	3	540	12,449	12,449	24,898	2,075,865	11,398		2	21	21	643	589	1,232	107,513	566	6			
California.....	1	104	2,904	3,109	6,013	356,423	3,852		2	12	50	2,209	1,960	4,169	381,248	2,072	8			
Colorado.....	3	229	5,177	5,947	10,224	1,277,742	7,127		3	50	53	869	307	1,176	145,588	733	8			
Connecticut.....	2	157	1,900	2,009	4,909	377,684	2,183		2	13	43	119	418	537	70,944	410	5			
District of Columbia.....	1	28	384	445	829	91,989	533		2	52	30	1,287	690	1,977	303,249	1,653	4			
Florida.....	2	484	21,287	21,340	42,627	3,718,625	20,444		3	35	43	5,304	2,918	8,232	898,371	4,489	7			
Georgia.....	4	163	3,950	4,155	8,105	869,741	4,578		4	20	35	303	539	842	87,085	484	9			
Idaho.....	1	177	3,537	3,466	7,003	672,275	3,791		2	6	29	158	216	374	56,208	308	5			
Illinois.....	1	83	877	975	1,852	163,936	943		2	6	29	158	216	374	56,208	308	5			
Indiana.....	2	67	1,502	1,724	3,226	300,968	1,627		3	5	24	304	307	611	91,448	497	7			
Iowa.....	1	91	1,664	1,548	3,212	307,624	1,746		2	5	24	304	307	611	91,448	497	7			
Kansas.....	1	57	660	754	1,414	136,849	799		1	1	5	291	136	307	45,268	254	2			
Kentucky.....	5	87	638	626	1,264	117,705	663		2	6	15	123	314	437	48,852	276	4			
Louisiana.....	3	600	10,187	9,661	19,848	2,083,171	11,691		1	16	185	7,386	5,774	13,160	1,283,010	6,907	28			
Maine.....	1	535	13,724	13,699	27,423	2,612,380	14,303		5	43	213	4,085	3,779	7,864	87,674	4,753	22			
Maryland.....	2	245	5,500	5,414	10,914	1,219,570	6,286		3	4	76	302	778	1,080	144,263	791	20			
Massachusetts.....	2	268	7,947	8,817	16,764	1,945,206	10,014		3	25	82	1,363	984	2,337	252,863	1,301	24			
Michigan.....	1	18	563	1,161	1,724	106,572	597		3	25	82	1,363	984	2,337	252,863	1,301	24			
Minnesota.....	2	121	2,288	2,290	4,548	459,243	3,090		1	4	0	56	0	56	6,290	84	1			
Mississippi.....	2	75	75	75	150	15,870	90		1	4	0	56	0	56	6,290	84	1			
Missouri.....	2	121	2,288	2,290	4,548	459,243	3,090		1	4	0	56	0	56	6,290	84	1			
Montana.....	1	18	563	1,161	1,724	106,572	597		3	25	82	1,363	984	2,337	252,863	1,301	24			
Nebraska.....	2	121	2,288	2,290	4,548	459,243	3,090		1	4	0	56	0	56	6,290	84	1			
Nevada.....	2	75	75	75	150	15,870	90		1	4	0	56	0	56	6,290	84	1			

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	48	524	690	1,114	131,338	760	2	6	0	1	22	7	20	19	1	
New Hampshire.....	565	16,064	15,701	31,785	3,024,264	19,243	2	6	38	204	2,010	1,410	3,420	504,222	2,678	48
New Jersey.....	1	32	34	66	5,043	28										
New Mexico.....																
New York.....	9	48,254	47,813	96,087	8,141,607	44,085	17	32	471	1,096	12,628	10,537	23,183	3,135,366	16,458	83
North Carolina.....	13	101	147	248	37,886	199										
North Dakota.....																
Ohio.....	389	10,330	10,267	20,597	2,473,300	13,457	-1	15	59	160	2,547	1,361	4,108	524,430	2,901	38
Oklahoma.....	1	1,229	1,306	2,535	251,967	1,486										
Oregon.....	8	266	241	509	40,492	212		2	23	32	842	1,057	1,890	152,036	708	3
Pennsylvania.....	5	10,619	11,065	21,684	2,368,339	12,176	6	0	94	167	5,878	4,554	10,432	1,310,269	6,003	54
Rhode Island.....	1	2,453	2,411	4,864	383,273	2,640			16	51	509	201	710	88,002	539	21
South Carolina.....	1	25	20	45	5,220	30			4	8	48	180	228	31,681	176	4
South Dakota.....	13	228	229	457	55,060	313										
Tennessee.....	6	47	43	90	12,018	77			1	5	91	21	112	11,738	66	1
Texas.....	39	1,706	1,766	3,472	279,744	1,591			0	5	30	19	49	4,901	28	2
Utah.....	12	158	146	304	33,362	189										
Vermont.....	14	114	149	263	32,725	192										
Virginia.....	2	412	467	879	96,654	534	1		5	31	489	642	1,131	141,542	782	5
Washington.....	20	668	622	1,290	132,264	723			1	22	499	147	646	67,431	345	9
West Virginia.....																
Wisconsin.....	3	9,266	9,772	19,070	2,330,321	11,981	10	16	94	180	6,213	5,692	11,005	648,947	3,533	50
Wyoming.....																

TABLE 69 (b).—Kindergartens in cities of 2,500 population and over 1917-18.

States.	Cities report- ing.	Super- visors.	Princi- pals.	Teach- ers.	Enrollment.		Aggregate attendance.	Average daily attend- ance.
					Boys.	Girls.		
1	2	3	4	5	6	7	8	9
United States.....	539	73	3	8,257	205,674	206,565	40,716,918	220,891
Alabama.....	3	1		24	324	385	54,261	325
Arizona.....	3			14	352	368	48,993	273
Arkansas.....								
California.....	37	3		575	12,565	12,957	2,179,756	11,996
Colorado.....	6	1		108	2,961	3,184	367,494	2,016
Connecticut.....	24	3		235	5,323	5,190	1,312,350	7,317
Delaware.....								
District of Columbia.....	1	2		157	1,990	2,099	377,684	2,183
Florida.....	4		2	13	141	141	32,804	206
Georgia.....	3	1		28	384	445	91,999	553
Idaho.....								
Illinois.....	21	2		493	21,425	21,504	3,762,446	20,673
Indiana.....	23	4		167	4,053	4,275	898,390	4,738
Iowa.....	21	1		194	3,874	3,801	768,375	4,336
Kansas.....	9			36	960	1,068	166,680	1,022
Kentucky.....	5	1		67	1,502	1,724	300,968	1,627
Louisiana.....	3			91	1,664	1,548	307,624	1,746
Maine.....	6			37	690	754	136,849	799
Maryland.....	1			47	638	626	117,705	666
Massachusetts.....	30	5		604	10,238	9,713	2,093,107	11,749
Michigan.....	54	13	1	598	15,022	15,011	2,972,581	16,164
Minnesota.....	11	2		245	5,509	5,414	1,249,570	6,788
Mississippi.....	5	1		26	376	441	69,174	390
Missouri.....	4	2		368	7,947	7,897	1,945,209	10,014
Montana.....	4	1		18	593	568	106,572	597
Nebraska.....	8	2		123	2,294	2,322	570,711	3,154
Nevada.....	1			4	101	120	21,765	125
New Hampshire.....	6			48	524	590	131,338	760
New Jersey.....	47			585	16,559	16,164	3,545,907	18,917
New Mexico.....	1			1	32	34	5,045	28
New York.....	67	9		1,623	48,853	48,424	8,278,327	44,819
North Carolina.....	1			13	101	147	37,886	199
North Dakota.....	1			1	24	25	6,300	35
Ohio.....	23	3		383	10,430	10,375	2,508,616	13,723
Oklahoma.....	1	1		33	1,229	1,306	281,957	1,496
Oregon.....	1			8	268	241	40,492	212
Pennsylvania.....	20	5		588	10,852	11,289	2,419,213	12,450
Rhode Island.....	5	1		100	2,453	2,411	393,273	2,340
South Carolina.....	1			1	25	20	5,220	30
South Dakota.....	4			14	253	281	61,035	361
Tennessee.....	1			6	47	43	12,018	77
Texas.....	13	2		61	1,753	1,819	286,469	1,647
Utah.....	2			13	184	170	40,600	232
Vermont.....	3			14	114	149	32,725	192
Virginia.....	2	2		22	449	513	107,566	596
Washington.....	3			22	606	652	138,444	758
West Virginia.....								
Wisconsin.....	50	4		451	9,902	10,367	2,464,414	12,633
Wyoming.....								

TABLE 70.—Summary of public kindergartens, normal, vocational, and special schools, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

States.	Kindergartens.										Normal, vocational, and special schools.						
	Super- visors.	Teach- ers.	Enrollment.			Aggregate attend- ance.	Average daily attend- ance.	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aggregate attend- ance.	Average daily attend- ance.	Num- ber of schools.	
			Boys.	Girls.	Total.					Men.	Women.	Boys.	Girls.				Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
United States.....	33	15,070	155,435	124,709	270,144	25,855,585	197,040	80	95	902	2,339	43,263	36,015	79,278	9,239,715	49,963	224
Alabama.....										21	6	481	106	647	19,986	218	2
Arizona.....																	
California.....	1	861	7,680	7,641	15,321	1,817,685	1,055		1	21	20	635	581	1,216	105,825	553	5
Colorado.....	1	74	2,248	2,398	4,647	215,632	1,178		2	12	50	2,209	1,960	4,169	381,248	2,072	3
Connecticut.....										25	43	487	300	787	115,363	556	5
Delaware.....										14	48	119	418	537	70,944	410	5
District of Columbia.....	2	157	1,990	2,099	4,089	377,664	2,188		3	45	24	1,146	560	1,706	262,980	1,461	2
Florida.....																	
Georgia.....																	
Idaho.....																	
Illinois.....		407	19,290	19,203	38,493	3,278,420	19,018		3	31	39	5,172	2,929	8,101	800,440	4,378	3
Indiana.....																	
Iowa.....																	
Kansas.....																	
Kentucky.....	1	38	978	1,144	2,122	174,432	948		3	5	24	304	307	611	91,448	497	7
Louisiana.....	1	87	1,603	1,477	3,080	262,864	1,664		2	0	83	0	872	872	54,373	803	2
Maine.....																	
Maryland.....																	
Massachusetts.....	4	400	6,720	6,265	12,985	1,416,545	7,871		3	55	147	6,528	5,519	12,045	1,120,196	6,148	15
Michigan.....	4	300	8,468	8,508	16,976	1,374,564	7,653		4	35	175	3,630	3,515	7,165	765,880	4,356	15
Minnesota.....	1	180	3,848	3,704	7,552	784,848	4,280		2	0	73	155	710	865	103,609	4,566	10
Mississippi.....																	
Missouri.....	2	365	7,875	7,808	15,683	1,681,298	9,896		2	21	28	1,278	944	2,262	246,746	1,961	13
Montana.....																	

<sup>1</sup> Includes 0 principals.

TABLE 70.—Summary of public kindergartens, normal, vocational, and special schools, 1917-18—Continued.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER—Continued.

States	Kindergartens.										Normal, vocational, and special schools.						
	Super- visors.	Teach- ers.	Enrollment.			Aggregate attend- ance.	Average daily attend- ance.	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aggregate attend- ance.	Average daily attend- ance.	Num- ber of schools.	
			Boys.	Girls.	Total.					Men.	Women.	Boys.	Girls.				Total.
1	2	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Nebraska.....	1	83	1,415	1,461	2,876	325,000	1,760		1	4	0	0	0	56	6,200	34	1
Nevada.....																	
New Hampshire.....																	
New Jersey.....		174	7,019	6,646	13,665	1,809,496	6,951	1	4	13	126	1,036	909	1,945	299,412	1,586	24
New Mexico.....																	
New York.....	5	1,265	40,326	39,863	80,219	6,506,164	35,329	15	28	7,408	1,021	11,454	9,864	21,348	2,886,889	86,118	20
North Carolina.....																	
North Dakota.....	2	264	7,129	7,023	14,152	1,863,232	10,164	1	14	59	156	2,547	1,536	4,083	519,865	2,776	37
Oklahoma.....																	
Oregon.....		8	268	241	509	40,492	212		2	23	32	842	1,057	1,899	152,036	796	3
Pennsylvania.....	4	529	9,800	10,063	19,863	2,123,300	10,891	2	8	59	101	3,172	2,196	5,668	777,849	3,944	10
Rhode Island.....		60	1,786	1,763	3,549	274,848	1,696			16	44	420	132	552	71,223	445	19
South Carolina.....																	
South Dakota.....																	
Tennessee.....																	
Texas.....																	
Vermont.....																	
Virginia.....	2	20	412	467	879	96,654	534	1		5	39	489	642	1,131	141,542	782	5
Washington.....		17	580	531	1,111	124,000	678	1		1	16	398	97	495	59,234	300	5
West Virginia.....																	
Wisconsin.....		157	3,638	3,803	7,441	884,903	4,633	3	3	20	44	493	558	1,061	120,903	633	3
Wyoming.....																	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

	19	1,420	33,228	33,847	67,075	6,885,156	37,763	19	23	240	323	6,435	4,052	10,487	1,122,769	0,190	10
United States.....	1	21	241	298	539	42,021	257										
Alabama.....	1	102	1,849	2,107	4,656	324,108	1,823	1	1	0	1	8	8	16	2,178	13	1
Arizona.....	1	22	435	436	911	93,556	518										
California.....	1	52	1,075	1,174	2,240	246,900	1,372	1	1	25	9	391	0	391	27,760	162	2
Colorado.....		19	205	215	420	49,333	310			0	1	0	41	41	5,340	31	1
Connecticut.....		27	849	916	1,765	149,920	826	1		4	1	122	5	127	4,827	93	2
Delaware.....	1	88	1,648	2,082	4,060	426,866	2,220	1	4	26	28	246	402	648	68,294	384	4
District of Columbia.....	1	12	441	438	899	79,834	458	4	2	0	0	158	216	374	66,206	308	5
Florida.....		26	480	544	1,024	114,008	615										
Georgia.....		17	406	419	825	60,739	367										
Idaho.....		143	2,668	2,666	5,149	476,086	2,731	1	7	71	38	748	255	1,003	129,035	710	11
Illinois.....		3	2,208	2,279	4,577	497,314	2,746	2	1	8	31	368	213	571	72,913	383	7
Indiana.....	1	31	733	692	1,425	180,865	988	2	2	2	17	94	36	130	25,695	157	12
Iowa.....		1	38	41	79	7,239	40			4	0	75	0	75	7,108	40	1
Kansas.....		1	8	226	238	464	152										
Kentucky.....		17	463	458	926	139,040	790										
Louisiana.....		10	135	121	254	38,340	216										
Maine.....		168	4,412	4,360	8,772	1,109,503	5,909	1	1	18	45	615	235	850	114,128	609	14
Maryland.....		4	181	4,192	4,245	885,854	4,748	2	4	48	36	767	292	1,059	145,191	785	9
Massachusetts.....		49	2,218	2,220	4,440	597,233	2,146			0	4	0	25	25	4,575	25	1
Michigan.....	1	26	947	1,022	1,989	201,441	1,144										
Minnesota.....		30	754	744	1,498	177,690	918	1		16	40	1,235	818	2,053	229,544	1,269	23
Mississippi.....		23	301	314	615	62,491	331			0	4	46	46	92	10,530	54	1
Missouri.....																	
Montana.....																	
Nebraska.....																	
Nevada.....																	
New Hampshire.....																	
New Jersey.....																	
New Mexico.....																	
New York.....																	
North Carolina.....																	
North Dakota.....																	
Ohio.....																	
Oklahoma.....																	
Oregon.....																	
Pennsylvania.....																	
Rhode Island.....																	
South Carolina.....																	
South Dakota.....																	





TABLE 70.—Summary of public kindergartens, normal, vocational, and special schools, 1917-18—Continued.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

States.	Kindergartens.										Normal, vocational, and special schools.																	
	Super- visors.		Teach- ers.		Enrollment.				Aggregate attend- ance.		Average daily attend- ance.		Super- visors.		Princi- pals.		Teachers.		Enrollment.		Aggregate attend- ance.		Average daily attend- ance.		Num- ber of schools.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
Tennessee	6	47	33	90	12,018	77																						
Texas	2	49	1,490	1,454	2,934	246,506	1,392																					
Utah																												
Vermont																												
Virginia																												
Washington																												
West Virginia																												
Wisconsin	1	75	1,706	1,739	3,445	413,075	2,190	4																				
Wyoming																												

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

United States	12	11,074	22,550	22,820	49,370	5,027,483	27,371	5	12	88	185	5,539	4,736	10,292	741,302	3,988	74
Alabama																	
Arizona																	
Arkansas																	
California	1	75	2,125	2,102	4,227	348,832	2,035										
Colorado																	
Connecticut																	
District of Columbia																	
Florida																	
Georgia	1	9	179	230	409	42,669	243										
Idaho																	
Illinois	1	37	900	7,935	1,835	221,262	1,214										
Indiana	3	63	1,665	1,729	3,394	377,246	1,998										
Iowa																	
Kansas																	

Kentucky.....	2	24	18	42	6,528	31														
Louisiana.....	4	59	71	130	14,760	83														
Maine.....	14	147	175	322	43,482	219														
Maryland.....	85	468	465	963	100,706	575														
Massachusetts.....	2	1,777	1,723	3,500	440,596	2,337														
Michigan.....	27	443	443	886	131,212	704														
Minnesota.....	2	31	48	82	6,672	38														
Mississippi.....	9	330	267	627	74,511	412														
Missouri.....	1	7	140	173	39,248	223														
Montana.....	3	75	75	150	15,570	80														
Nebraska.....	36	379	450	821	89,218	523														
Nevada.....	168	3,522	3,554	7,076	789,190	4,213														
New Hampshire.....	124	2,804	2,805	5,609	594,870	3,185														
New Jersey.....	13	101	147	248	37,866	189														
New Mexico.....	27	600	624	1,224	139,960	772														
New York.....	7	262	284	546	50,616	292														
North Carolina.....	12	203	205	408	49,759	284														
North Dakota.....	17	366	334	700	55,634	353														
Ohio.....	12	203	205	408	49,759	284														
Oklahoma.....	1	25	28	53	4,058	17														
Oregon.....	13	158	140	304	33,382	169														
Pennsylvania.....	10	60	70	130	16,830	99														
Rhode Island.....	2	134	2,720	2,737	5,177	3,340														
South Carolina.....	2	134	2,720	2,737	5,177	3,340														
South Dakota.....	1	25	28	53	4,058	17														
Tennessee.....	1	25	28	53	4,058	17														
Texas.....	12	203	205	408	49,759	284														
Utah.....	1	25	28	53	4,058	17														
Vermont.....	1	25	28	53	4,058	17														
Virginia.....	10	60	70	130	16,830	99														
Washington.....	2	134	2,720	2,737	5,177	3,340														
West Virginia.....	2	134	2,720	2,737	5,177	3,340														
Wisconsin.....	1	25	28	53	4,058	17														
Wyoming.....	1	25	28	53	4,058	17														

\* Includes 3 principals.

\* Includes 1 principal.

\* Includes 2 principals.

TABLE 70.—Summary of public kindergartens, normal, vocational, and special schools, 1917-18—Continued.  
GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

States.	Kindergartens.										Normal, vocational, and special schools.						
	Super- visors.	Teach- ers.	Enrollment.			Aggregate attend- ance.	Average daily attend- ance.	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aggregate attend- ance.	Average daily attend- ance.	Num- ber of schools.	
			Boys.	Girls.	Total.					Men.	Women.	Boys.	Girls.				Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
United States.....	6	452	9,355	9,891	19,246	2,201,175	11,530	4	5	36	55	1,783	1,482	3,265	274,283	1,527	36
Alabama.....		9	246	272	518	33,999	179										
Arizona.....		21	471	389	1,010	85,340	485										
California.....		4	91	118	209	15,480	86										
Colorado.....		1	486	441	927	110,108	602										
Connecticut.....		2	31	30	61	6,080	38										
Delaware.....																	
District of Columbia.....																	
Florida.....																	
Georgia.....																	
Iceland.....		13	246	286	534	67,014	391										
Illinois.....		12	317	353	670	63,578	351			2	0	23	32	55	4,320	33	2
Indiana.....		14	264	254	518	65,800	375										
Iowa.....		9	174	218	392	38,518	222										
Kansas.....		1	20	18	38	6,000	30										
Kentucky.....		6	137	160	297	32,628	183			1	0	29	0	29	5,040	28	1
Louisiana.....		22	386	385	731	89,834	514										
Maine.....		2	1,181	1,189	2,370	299,906	1,567										
Maryland.....		27	463	515	978	152,645	817			2	4	41	15	56	2,112	11	1
Massachusetts.....		1	376	441	817	69,174	390										
Michigan.....		1	37	38	70	5,906	38										
Minnesota.....																	
Mississippi.....																	
Missouri.....																	
Montana.....																	

Nebraska.....	12	235	199	434	55,355	317																	
Nevada.....	2	10	19	23	3,790	31																	
New Hampshire.....	57	1,131	1,141	2,272	215,645	1,170																	
New Jersey.....	•1	32	34	66	5,045	28																	
New Mexico.....	28	822	790	1,602	154,909	843																	
New York.....	19	393	398	781	82,865	475																	
North Carolina.....	1																						
North Dakota.....	1																						
Ohio.....	18	265	268	533	67,349	367																	
Oklahoma.....	•1	25	24	49	5,220	30																	
Oregon.....	•1	25	24	49	5,280	29																	
Pennsylvania.....	9	201	284	485	31,122	182																	
Rhode Island.....	4	54	79	133	15,985	93																	
South Carolina.....																							
South Dakota.....																							
Tennessee.....	9	201	284	485	31,122	182																	
Texas.....	4	54	79	133	15,985	93																	
Utah.....																							
Vermont.....																							
Virginia.....																							
Washington.....																							
West Virginia.....	57	1,224	1,413	2,647	417,610	1,712																	
Wisconsin.....																							
Wyoming.....																							

BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 71.—Combined summary of items relating to health, recreation, transportation, truant officers, and junior high schools in all cities of 2,500 population and over, 1917-18.

States.	Health and recreation.										Transportation of pupils.		Junior high schools.					
	School physicians.		School nurses.		Promotion of health.		Recreation.		City school sys-tems report-ing.	Amount ex-pended.	Num-ber of truant officers em-ployed.	City school sys-tems report-ing.	Num-ber of junior high schools.	Teachers.			Enrollment.	
	Num-ber of school sys-tems report-ing.	Num-ber of school nurses.	City school sys-tems report-ing.	Amount ex-pended.	City school sys-tems report-ing.	Amount ex-pended.	Men.	Wo-man.						Total.	Boys.	Girls.	Total.	
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
United States, 3.....	406	465	1,363	911	81,699,563	254	\$37,112	420	\$880,435	1,589	292	431	1,077	4,468	5,545	75,013	83,096	158,108
Alabama.....	7	3	4	4	2,137	1	.....	2	2,888	6	1	3	2	9	11	279	253	482
Arizona.....	3	3	3	3	2,118	1	222	2	2,243	6	1	3	2	13	17	247	324	571
Arkansas.....	12	15	59	26	98,970	15	29,737	26	41,915	38	4	20	7	376	486	6,166	6,344	12,510
California.....	5	6	8	7	8,109	3	6,675	3	5,176	22	7	9	11	84	95	1,024	1,308	2,337
Colorado.....	21	37	18	24	26,165	3	10,414	32	55,555	29	4	8	20	101	121	1,581	1,688	3,269
Connecticut.....	1	1	2	1	17,941	1	.....	1	825	3	1	2	0	39	42	573	694	1,267
District of Columbia.....	1	1	3	5	3,240	1	100	3	9,064	1	1	3	3	4	19	20	294	313
Florida.....	6	8	6	6	2,525	6	.....	4	5,776	4	2	2	8	17	25	253	300	553
Idaho.....	18	128	41	57	54,652	21	8,248	7	41,540	125	4	13	20	80	180	2,074	2,074	4,148
Illinois.....	19	32	12	23	20,583	7	15,843	10	10,057	25	20	21	61	132	213	3,817	4,198	8,015
Indiana.....	9	9	20	19	14,198	6	15,543	7	10,057	25	7	7	8	57	65	637	811	1,448
Iowa.....	3	3	11	15	8,172	0	2,543	4	3,857	31	10	23	40	167	207	2,820	3,307	6,127
Kansas.....	4	8	4	7	2,337	1	125	4	2,280	4	5	6	3	57	69	840	1,022	1,862
Kentucky.....	2	2	2	2	1,181	3	365	4	2,280	4	1	1	1	16	10	262	399	661
Louisiana.....	2	4	2	2	1,406	1	2,700	28	35,640	28	4	4	1	1	23	331	331	662
Maine.....	5	5	10	3	400	2	400	2	719	18	14	26	36	279	315	4,468	4,857	9,325
Maryland.....	310	62	127	120	197,426	5	38,294	118	257,707	180	14	26	36	279	315	4,468	4,857	9,325
Massachusetts.....	55	310	62	120	197,426	5	38,294	118	257,707	180	14	26	36	279	315	4,468	4,857	9,325

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Michigan.....	16	19	22	31	267	31,659	16	11,331	13	14,365	73	21	28	87	376	463	5,011	5,727	11,538
Minnesota.....	1	17	11	58	24	77,380	12	16,083	12	57,279	23	13	18	59	217	276	3,023	3,492	7,515
Mississippi.....	1	1	1	1	1	42,670	4	1,206	2	810	38	2	2	1	16	17	238	301	644
Missouri.....	3	14	4	23	7	6,240	4	1,209	2	14,822	35	2	9	22	85	107	1,464	1,668	2,999
Montana.....			6	7	3		1	151	2	1,980	11	2	2	5	23	38	535	582	1,117
Nevada.....	6	6	2	15	5	20,704	2	1,172	2	3,510	15	6	8	7	66	68	652	684	1,346
New Hampshire.....	9	14	7	12	7	6,905	14	26,228	14	26,228	19	8	12	10	73	83	983	1,023	2,016
New Jersey.....	46	105	27	91	61	165,273	22	39,553	27	51,906	88	12	18	52	202	281	3,247	3,719	7,068
New Mexico.....			1	1	3	1,015	1	2,159			4	1	1	0	4	4	47	78	123
New York.....	72	261	57	315	142	271,166	60	34,871	23	184,053	290	14	27	120	507	427	5,900	6,851	12,441
North Carolina.....	4	4	4	9	4	1,405	2	22	2	927	5	2	3	2	23	25	467	530	987
North Dakota.....	1	1	1	1	2	1,384	2	2	2	2	3	2	3	2	25	25	467	530	987
Ohio.....	12	66	28	73	28	101,927	8	13,060	12	29,138	92	17	28	134	520	654	9,867	10,460	20,327
Oklahoma.....	2	2	2	3	5	3,428	4	763	3	740	6	3	4	8	20	28	521	718	1,289
Oregon.....	4	7	4	4	5	1,238	2	432	2	603	10	7	9	17	58	75	1,065	1,281	2,346
Pennsylvania.....	56	217	18	92	71	335,000	22	70,511	7	15,230	216	32	30	82	298	390	5,008	6,241	11,846
Rhode Island.....	13	27	8	16	13	22,701	2	350	10	10,618	21	1	1	1	6	6	133	120	243
South Carolina.....	1	2	2	2	3		2	12			1	1	1	1	1	1			
South Dakota.....	2	2	4	4	3	1,688	1	26			3	1	1	1	4	5	94	104	198
Tennessee.....	2	6	1	1	4	8,599	5	2,640	2	2,617	5	3	8	7	24	31	532	542	1,074
Texas.....	4	5	7	7	8	7,185	5	2,640	2	2,617	8	2	4	23	74	74	1,214	1,307	2,583
Utah.....	3	5	2	8	4	1,821	4	3,507	4	3,507	4	2	11	18	108	126	1,574	1,807	3,601
Vermont.....	2	3	3	3	5	3,072	2	964	5	8,068	8	8	3	5	19	24	808	782	1,581
Virginia.....	3	14	6	15	6	15,422	2	1,079	2	1,079	2	2	8	20	121	141	1,862	2,401	4,263
Washington.....	4	6	5	20	10	47,206	3	47	0	13,211	10	3	5	6	19	25	898	969	2,577
West Virginia.....	5	5	3	6	9	4,173	3	2,156	4	2,112	7	4	8	10	107	130	1,023	1,774	3,267
Wisconsin.....	11	26	20	41	25	47,929	2	17,094	11	2,246	43	10	15	22	79	101	1,234	1,348	2,592
Wyoming.....			1	1	1		1	507	2	1,768	2	2	2	0	10	10	124	157	281

TABLE 72.—Summary of items relating to health, recreation, transportation, truancy officers, and junior high schools, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

States.	Health and recreation.										Transportation of pupils.			Junior high schools.					
	School physicians.		School nurses.		Promotion of health.		Recreation.		City school systems reporting.		Num-ber of truancy officers employed.	Num-ber of junior high schools.	Teachers.		Enrollment.				
	City school systems reporting.	Num-ber of school physicians.	City school systems reporting.	Num-ber of school nurses.	City school systems reporting.	Amount expended.	City school systems reporting.	Amount expended.	City school systems reporting.	Amount expended.			Men.	Wom- en.	Total.	Boys.	Girls.	Total.	
1	3	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
United States.....	45	641	44	791	36	\$894,193	15	\$188,667	26	\$271,796	585	76	438	1,383	1,821	24,800	26,831	51,031	
Alabama.....	1	1	1	2															
Arizona.....	3	13	3	42	3	65,338	1	19,097	2	3,243	16	8	63	224	297	3,970	3,973	7,942	
Arkansas.....	2	3	2	22	1	5,343	1		1	2,884	4	2	4	33	37	387	469	866	
California.....	2	3	2	22	1	900	1	45			5	4	3	31	34	619	699	1,218	
Connecticut.....	1	12	1	2	1	17,941			1	325	3								
District of Columbia.....	1	100	1	110	1	10,156			1	40,348	55	3	5	18	23	118	219	337	
Florida.....	1	8	1	9							8								
Georgia.....	1	4	1	4															
Illinois.....	1	3	1	1															
Indiana.....	1	5	1	10	4	78,024	1	37,784	5	9,912	45								
Iowa.....	1	5	1	10	4	78,024	1	37,784	5	9,912	45								
Kansas.....	1	5	1	10	4	78,024	1	37,784	5	9,912	45								
Kentucky.....	1	5	1	10	4	78,024	1	37,784	5	9,912	45								
Louisiana.....	1	5	1	10	4	78,024	1	37,784	5	9,912	45								
Maine.....	1	5	1	10	4	78,024	1	37,784	5	9,912	45								
Maryland.....	1	5	1	10	4	78,024	1	37,784	5	9,912	45								
Massachusetts.....	1	5	1	10	4	78,024	1	37,784	5	9,912	45								

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Michigan	2	2	1	3	2	50,202	1	3,604	2	5,202	23	6	2	1	7	43	163	208	2,236	2,196	4,432
Minnesota	2	10	2	39	2	60,202	1	3,604			6		1	3	23	63	63	77	791	790	1,580
Missouri	1	12	1	23	2	41,672	1	1,161	2	14,932	24		1	1	14	37	51	51	781	715	1,496
Montana																					
Nebraska	1	1	1	13	1	19,380			1	2,790	2										
Nevada																					
New Hampshire	3	28	3	44	3	77,134	2	29,771	1	2,676	36		3	10	35	46	663	46	663	777	1,439
New Jersey																					
New Mexico																					
New York	4	138	4	235	4	77,192	3	7,915	3	142,325	185		1	14	107	203	310	4,229	5,252	9,481	
North Carolina																					
North Dakota	5	52		56	4	74,428	2	8,430	4	23,529	30		3	22	110	405	616	7,847	8,366	16,203	
Oklahoma																					
Oregon	1	4	1	1	1	6,417															
Pennsylvania	2	119	3	63	3	289,042	1	61,263	1	13,356	89		3	35	79	114	1,455	1,455	1,551	3,005	
Rhode Island	1	9	1	8	1	15,234															
South Carolina																					
South Dakota																					
Tennessee	1	5	1	1	1	6,417															
Texas																					
Utah																					
Vermont	1	12	1	10	1	10,730	1	1,042					1	3	15	84	99	1,262	1,962	2,824	
Virginia																					
Washington	2	3	2	15	2	37,664			2	4,725	3		3	4	9	13	133	64	197		
West Virginia																					
Wisconsin	1	12	1	10	1	28,006	1	16,555	1	2,782	11										
Wyoming																					

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

United States	86	244	90	214	104	\$332,479	41	\$64,461	52	\$64,292	163		38	90	259	1,096	1,365	16,580	19,222	35,782
Alabama									1	1,678										
Arkansas																				
California	3	4	3	5	4	19,636	1	63	3	3,579	4		3	8	33	97	130	1,459	1,645	3,084
Colorado	1	1	2	2	1	900	1	600			2									
Connecticut	2	5	2	3	3	6,806	1	9,991	2	1,755	2		1	1	9	31	40	500	550	1,050
Dalaware																				
District of Columbia																				

† Nine of these are city physicians.





TABLE 72.—Summary of items relating to health, recreation, transportation, truant officers, and junior high schools, 1917-18.—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

States.	Health and recreation.						Transportation of pupils.			Junior high schools.								
	School physicians.		School nurses.		Promotion of health.		Recreation.		City school sys-tems report-ing.	Amount expended.	Num-ber of truant officers em-ployed.	City school sys-tems report-ing.	Num-ber of junior high schools.	Teachers.			Enrollment.	
	City school sys-tems report-ing.	Num-ber of school phys-icians.	City school sys-tems report-ing.	Num-ber of school nurses.	City school sys-tems report-ing.	Amount expended.	City school sys-tems report-ing.	Amount expended.						Men.	Wom-ened.	Total.	Boys.	Girls.
1	3	8	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Florida	1	1	1	2	1	1	1	2	2	1	1	2	0	36	42	673	684	1,367
Georgia	2	3	1	3	13,750	4	81,018	4	747	12	8	8	16	97	113	1,508	1,644	3,150
Idaho	2	7	1	3	4,223	2	15,031	4	6	6	1	1	1	20	21	254	254	502
Illinois	2	2	3	7	4,622	3	13,503	3	6,984	3	1	1	2	21	23	168	214	382
Iowa	2	1	3	4	4,412	2	1,845	2	2,871	5	3	5	17	53	70	862	1,087	1,949
Kansas	1	1	3	4	2	1	1,843	1	2	4	2	3	2	40	42	570	677	1,247
Kentucky	2	3	1	2	1,843	2	1,843	2	2	4	2	3	2	40	42	570	677	1,247
Louisiana	2	3	1	2	1,843	2	1,843	2	2	4	2	3	2	40	42	570	677	1,247
Maine	2	3	1	2	1,843	2	1,843	2	2	4	2	3	2	40	42	570	677	1,247
Massachusetts	17	83	17	36	65,861	1	777	12	31,610	28	5	17	20	164	220	3,979	3,377	6,256
Maryland	3	3	4	7	10,128	3	6,478	2	399	6	2	4	13	55	68	801	963	1,764
Michigan	1	1	1	4	4,959	1	4,852	1	3,686	1	1	4	18	63	81	972	1,067	2,039
Minnesota	1	1	2	4	833	1	833	1	1	3	1	1	5	16	21	201	219	420
Missouri	1	1	2	4	3,282	1	3,282	1	1	2	1	1	5	16	21	201	219	420
Montana	1	1	2	4	3,282	1	3,282	1	1	2	1	1	5	16	21	201	219	420
Nebraska	1	1	1	2	1,843	1	1,843	1	1	1	1	3	3	25	28	198	198	396
Nevada	1	1	1	2	43,752	3	2,827	3	2,466	2	1	3	3	5	7	97	119	216
New Hampshire	7	31	6	21	43,752	8	2,827	3	3,370	21	2	3	21	64	85	873	1,171	2,044
New Jersey	7	31	6	21	43,752	8	2,827	3	3,370	21	2	3	21	64	85	873	1,171	2,044
New Mexico	7	31	6	21	43,752	8	2,827	3	3,370	21	2	3	21	64	85	873	1,171	2,044

New York	11	32	11	34	12	64,396	9	14,260	6	6,051	19	1	1	1	1	1	10	135	174	309
North Carolina						46														
North Dakota	1	1	2	3	3	11,524	4	2,000	1	1,470	3									
Ohio	1	1	1	1	1	1,411														
Oklahoma																				
Oregon	12	41	10	23	14	4,824	6	7,020	2	1,030	22	3	0	23	40	63	825	966	1,791	
Rhode Island	2	6	1	1	1	2,828					2									
South Carolina						21														
South Dakota																				
Tennessee	4	6	4	6	2	2,092	1	1,424	1	360	1	1	1	5	12	17	278	296	435	
Texas	1	1	1	7	1	2,676	1	1,424	1	360	5	1	3	17	42	60	1,076	1,265	1,635	
Utah	1	1	1	1	1	1,011								8	12	70	82	1,171	2,260	
Vermont																				
Virginia	2	2	2	3	2	2,103								1	4	28	32	426	683	1,119
Washington	1	2	1	3	1	5,540			1	1,781	1			3	16	48	65	665	735	1,450
West Virginia	2	2	2	4	1	1,037			1	445	2	1	3	16	19	26	313	376	689	
Wisconsin	1	1	1	1	1	3,402			2	435	2		5	7	19	26	313	376	689	
Wyoming																				

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

United States	148	244	139	194	227	\$240,390	40	\$34,284	84	\$121,339	251	68	93	107	890	1,066	16,807	17,201	33,108
Alabama	1	1																	
Arizona	1	1																	
Arkansas	2	2	1	1	2	750	4	3,871	1	510	1	1	1	3	3	6	70	81	151
California	1	1	2	4	1	8,339	4	3,871	7	13,419	7	1	2	8	28	34	386	377	783
Colorado	1	1	1	1	1	1,100			1	1,301	2								
Connecticut	8	17	0	11	12	17,458	1	378	6	10,339	9	1	2	7	26	43	406	485	801
Delaware																			
District of Columbia																			
Florida	3	5	2	4	2	1,975								4	12	16	224	262	486
Georgia																			
Idaho	5	10	15	20	21	113	5	2,000	1	25	2	2	2	3	21	24	392	432	824
Illinois	7	11	2	3	8	21,312	1	2,622	1	600	13	7	4	32	71	103	1,822	1,918	8,741
Indiana	5	5	8	8	8	10,861	1	52	2	2,170	9	1	1	2	9	11	125	175	300
Iowa	5	5	2	4	2	7,533	2	311	1	36	6	3	5	6	35	41	571	628	1,199
Kansas						1,796													
Kentucky	1	1	1	1	2	184	2	215	3	1,830	3	1	1	1	9	10	129	181	310
Louisiana	1	1	1	1	2	1,181	2	215	3	1,830	1	1	1	1	15	16	292	396	658
Maine	1	1	1	1	1	797	1	2,700	3	2,063	2	1	1	1	6	7	75	68	143
Maryland																			
Massachusetts	24	50	18	19	26	27,660	1	556	23	40,367	25	3	3	2	61	63	1,009	1,026	2,036

TABLE 72.—Summary of items relating to health, recreation, transportation, truant officers, and junior high schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

States.	Health and recreation.										Transportation of pupils.				Junior high schools.				
	School physicians.		School nurses.		Promotion of health.		Recreation.		City school systems reporting.		Amount expended.		Num-ber of truant officers employed.	City school systems reporting.	Num-ber of junior high schools.	Teachers.		Enrollment.	
	Num-ber of school phys-icians.	City school systems reporting.	Num-ber of school nurses.	City school systems reporting.	City school systems reporting.	Amount expended.	City school systems reporting.	Amount expended.	City school systems reporting.	Amount expended.	Men.	Wo-men.				Total.	Boys.	Girls.	Total.
1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Michigan.....	5	7	6	7	8	8	8	4	8,537	12	5	5	5	50	55	1,038	1,042	2,080	
Minnesota.....	1	3	3	3	4,212	1	1	2	7,236	3	2	2	2	19	21	330	455	785	
Mississippi.....	1	1	1	1	142	1	1	1	75	1	1	1	1	3	22	222	254	476	
Missouri.....	1	2	2	2	1,967	1	1	1	965	3	1	1	0	17	17	354	363	697	
Montana.....	1	1	1	1	150	1	1	1	1	1	1	1	1	1	1	1	1	1	
Nebraska.....	4	3	3	4	5,809	3	3	3	9,962	6	5	9	5	56	61	758	851	1,609	
Nevada.....	13	10	18	11	20,070	3	3	3	11,184	12	5	8	18	74	92	1,330	1,359	2,689	
New Hampshire.....	1	1	1	1	900	1	1	1	2,156	1	1	1	1	1	1	1	1	1	
New Jersey.....	27	24	26	38	44,574	14	14	14	9,745	28	2	2	5	45	50	534	592	1,126	
New Mexico.....	3	3	3	3	1,340	1	1	1	41	1	1	1	1	1	1	1	1	1	
New York.....	2	7	7	10	8,373	1	1	1	1,176	14	1	3	3	19	22	260	205	465	
North Carolina.....	1	1	1	2	1,032	2	2	2	10	2	2	3	6	17	23	410	627	1,037	
Ohio.....	1	1	1	1	1,000	1	1	1	406	1	1	3	11	17	25	426	490	916	
Oklahoma.....	12	23	4	15	10,064	2	2	2	3,197	31	0	9	10	83	98	1,023	1,818	3,441	
Oregon.....	4	4	3	4	2,519	1	1	1	1	4	4	1	1	1	1	1	1	1	
Rhode Island.....	1	2	2	2	1,321	2	2	2	1	1	1	1	0	0	0	0	0	0	
South Carolina.....	2	2	2	2	3,084	1	1	1	600	2	1	1	1	0	0	0	0	0	
South Dakota.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Texas.....	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Tennessee.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Virginia.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Washington.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
West Virginia.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Wisconsin.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Wyoming.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.																			
	117	147	101	108	232	\$113,366	74	\$23,014	122	\$219,588	312	99	102	149	726	875	12,780	14,044	26,824
Utah.....	1	3	1	1	1	285	1	139	1	664	1	1	3	6	38	44	563	648	1,201
Vermont.....	2	3	2	2	3	1,647	1	30			2	1	1	2	10	12	180	148	329
Virginia.....						2,590													
Washington.....	1	1	2	2	3	2,970			3	4,958	3	1	1	0	6	6	86	110	196
West Virginia.....	2	2	2	2	3	1,827			2	1,493	3	2	4	6	49	55	757	837	1,504
Wisconsin.....	4	8	6	11	7	9,158	1	81	2	1,116	11	2	3	8	30	38	495	478	973
Wyoming.....			1						1	558	1								
United States.....	117	147	101	108	232	\$113,366	74	\$23,014	122	\$219,588	312	99	102	149	726	875	12,780	14,044	26,824
Alabama.....	2	2	2	3	2	450	1	222	1	93	1	1	3	2	9	11	229	253	482
Arizona.....	3	4	2	3	4	3,164	2	205	6	10,242	4	1	1	1	6	7	98	124	222
Arkansas.....	2	2	1	1	2	646	2	175	1	990	5	3	4	4	31	33	378	429	809
California.....	5	6	4	4	6	1,475			14	24,130	6								
Colorado.....																			
Connecticut.....																			
Delaware.....																			
District of Columbia.....																			
Florida.....	2	2			1	200													
Georgia.....	1	1	2	2	2	1,112	6	604	1	3,337	2	1	1	1	1	1	179	224	403
Idaho.....	5	5	10	10	19	6,429	2	710			24	5	5	4	37	41	523	549	1,072
Illinois.....	8	8	8	8	11	2,796	2	24			17	11	11	27	88	115	1,699	1,863	3,652
Indiana.....	1	1	1	1	2	1,179	2	317			8	6	6	13	50	63	909	1,049	1,868
Iowa.....	3	3	3	4	2	1,001	1	125			4	2	2	0	7	7	141	165	306
Kansas.....					1	220	1												
Kentucky.....																			
Louisiana.....	4	4	1	1	3	345	1	300	12	16,870	22	2	2	0	12	12	212	239	451
Maine.....					1	18,222	1	50	40	82,456	44	4	4	7	18	25	365	407	772
Maryland.....	27	47	14	16	41	1													
Massachusetts.....	2	2	2	3	9	2,793	7	1,820	3	5,218	13	3	3	8	34	40	529	518	1,047
Michigan.....	5	5	7	8	12	15,732	6	6,467	3	34,730	8	3	3	12	70	82	1,373	1,408	2,781
Minnesota.....	1	1	1	1	2	181	3	738	1	540	3	1	1	1	12	14	188	243	426
Mississippi.....																			
Missouri.....					1	1,200	1	151			1								
Montana.....																			
Nebraska.....	2	2			2	1,049	2	1,172	1	720	7	4	4	4	28	32	406	446	895
Nevada.....																			
New Hampshire.....	2	2	3	2	2	664					9	6	2	3	18	21	319	283	612
New Jersey.....	9	10	5	5	16	18,137	7	2,737	7	5,120	1								
New York.....					2	146													
New Mexico.....																			

\* Teach in senior high school also.

\* Division as to sex estimated.

TABLE 72.—Summary of items relating to health, recreation, transportation, truancy officers, and junior high schools, 1917-18—Continued.  
GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION—Continued.

States.	Health and recreation.										Transportation of pupils.			Junior high schools.				
	School physicians.		School nurses.		Promotion of health.		Recreation.		City school systems reporting.		Num-ber of truant officers employed.	City school systems reporting.	Num-ber of junior high schools.	Teachers.		Enrollment.		
	Num-ber of school physi-ans report- ing.	City school systems reporting.	Num-ber of school nurses report- ing.	City school systems reporting.	Amount ex- pend- ed.	City school systems reporting.	Amount ex- pend- ed.	City school systems reporting.	Amount ex- pend- ed.	Men.				Wom- en.	Total.	Boys.	Girls.	Total.
1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
New York	11	10	12	24	\$12,238	10	\$2,108	3	\$1,070	11	2	2	5	14	19	232	257	489
North Carolina	1	1	1	1	25	1	20	1	2	2	2	10	19	87	106	1,550	1,697	3,247
North Dakota	2	8	8	5	1,430	2	540	2	1,533	28	10	10	19	87	106	1,550	1,697	3,247
Oklahoma																		
Oregon	14	20	1	1	158	1	82	1	198	3	3	3	3	21	24	301	399	690
Pennsylvania	5	3	3	5	9,546	7	857	2	146	42	13	13	11	78	89	1,266	1,577	2,843
Rhode Island	5	5	3	5	2,300	1	350	4	6,201	10	1	1	1	5	6	123	130	243
South Carolina																		
South Dakota																		
Tennessee																		
Texas																		
Utah	1	1	2	3	1,445	1	825	3	7,285	6	2	2	3	9	12	128	144	272
Vermont																		
Virginia																		
Washington																		
West Virginia																		
Wisconsin	3	5	5	6	3,683	2	1,159	5	1,948	6	2	2	1	10	11	155	179	334
Wyoming																		

GROUP V.—CITIES, TOWNS, AND VILLAGES OF 2,500 TO 5,000 POPULATION.

	109	120	71	75	212	\$80,126	75	\$8,654	150	\$183,420	278	70	70	64	364	428	5,375	5,987	11,363
United States.....																			
Alabama.....	5	5	2	2	1	150	1		1	910	3								
Arizona.....						100	1		1	150									
Arkansas.....					2	220					2	1	1	0	4	4	79	119	198
California.....	1	1	1	1	7	1,741	7	551	11	11,432	9	3	3	3	21	23	244	408	652
Colorado.....					2	160													
Connecticut.....	4	6	1	1	2	166			10	19,331	7	1	1	1	3	4	56	54	110
Delaware.....																			
District of Columbia.....	1	1			1	50	1	100	1	3,405		1	1	0	1	4	70	80	150
Florida.....										200									
Georgia.....																			
Idaho.....					2	1,300	1	150	3	2,439	3	1	0	0	5	5	74	76	150
Illinois.....	5	6	7	8	11	2,875	6	726	1	226	16	2	2	2	7	9	135	90	225
Indiana.....	1	1			3	723	2	150			6	1	1	1	3	4	41	49	90
Iowa.....	2	2	4	4	4	864	2	100	2	603	10	5	5	4	27	31	344	422	766
Kansas.....	2	2	3	3	5	963	2	100	1	450	12	7	7	4	28	33	484	543	1,027
Kentucky.....					1	100	1	150	1	460	3								
Louisiana.....					3	310	1	100	13	15,897	1	1	1	0	3	3	44	46	90
Maine.....					1	100	1	100	1	295	2								
Maryland.....	22	26	8	8	39	7,639	1	77	38	87,652	38	2	2	1	6	7	115	127	242
Massachusetts.....																			
Michigan.....	4	5	8	11	5	7,370	2	85	2	3,009	19	7	7	20	74	94	1,007	1,088	2,075
Minnesota.....					3	2,182	3	217	6	11,617	5	1	1	0	13	15	157	163	320
Mississippi.....					6	2,182	1	300				1	1	0	3	3	55	63	118
Missouri.....							2	63			7	4	4	4	18	22	281	336	617
Montana.....					3	3			1	1,000	5								
Nebraska.....					1	125					4	1	1	0	3	3	45	50	95
Nevada.....																			
New Hampshire.....	2	4	1	1	1	432			3	2,848	2	2	2	3	12	16	138	53	191
New Jersey.....	14	15	3	3	13	6,180	7	1,865	9	9,449	13	2	2	0	11	11	163	119	282
New Mexico.....											2	1	1	0	4	4	47	76	123
New York.....	20	20	8	8	64	22,766	24	843	7	2,285	27	8	8	2	36	38	460	576	1,036
North Carolina.....					1	44					2								
North Dakota.....	1	1			6	5,863	2	253	1	888	2	1	1	1	6	10	104	130	224
Ohio.....	2	2	4	4	2	85			1	430	17	3	3	2	0	11	180	202	382
Oklahoma.....					2	85	2	253	2	780	3	1	1	2	3	3	111	91	202
Oregon.....	2	2	1	1	3	180	1	350	1	405	3	3	3	3	20	23	338	402	740
Pennsylvania.....	11	14	1	1	8	1,037	6	968	2	685	32	5	5	3	18	21	333	329	662
Rhode Island.....	1	1	1	1	1	27			2	1,453	4								
South Carolina.....					1	10	1	10											
South Dakota.....					10	10	1	23											

TABLE 72.—Summary of items relating to health, recreation, transportation, truant officers, and junior high schools, 1917-18—Continued.  
GROUP V.—CITIES, TOWNS AND VILLAGES OF 2,500 TO 5,000 POPULATION—Continued.

States.	Health and recreation.										Transportation of pupils.				Junior high schools.					
	School physicians.		School nurses.		Promotion of health.		Recreation.		City school sys-tems report-ing.		Amount expended.		Num-ber of truant officers em-ployed.	City school sys-tems report-ing.	Num-ber of junior high schools.	Teachers.		Enrollment.		
	Num-ber of school phys-i-cians report-ing.	City school sys-tems report-ing.	Num-ber of school nurses report-ing.	City school sys-tems report-ing.	City school sys-tems report-ing.	Amount expended.	City school sys-tems report-ing.	Amount expended.	City school sys-tems report-ing.	Amount expended.	Men.	Wom-en.				Total.	Boys.	Girls.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Tennessee.....	1	1																		
Texas.....						2	3	\$725	2	\$2,627	1									
Utah.....						1		405	2	2,800										
Vermont.....																				
Virginia.....																				
Washington.....	1								1	300	1									
West Virginia.....	2	2	6	0	10	2	1	1,000	2	955	11	5	5	6	20	26	371	315	596	
Wisconsin.....																				
Wyoming.....																				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

TABLE 73.—Combined summary of statistics of public evening schools for the free groups of cities of 2,500 population and over, 1917-18.

States.	City school systems reporting.	Teachers.						Enrollment.						Expenses of instruction.						
		Elementary.		Secondary (high).		Vocational.		Other schools.		Total.		Elementary.		Secondary (high).		Vocational.		Other schools.		Total.
		Men.	Women.	Men.	Women.	Men.	Women.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
United States.	518	7,133	6,220	2,348	376	7,721	8,558	217,908	263,383	74,094	9,923	318,224	267,179	\$1,025,870	\$1,331,317	\$374,211	\$13,262	\$3,716,827		
Alabama.	2	11	18	14	1	19	7	245	677	267	8	360	160	450	450	450	450	2,121		
Arizona.	5	4	18	14	1	8	14	172	677	267	8	445	404	450	450	450	450	3,713		
Arkansas.	2	288	670	3	6	450	515	18,047	45,047	121	85	30,558	33,640	130,639	288,513	10,513	1,185	399,182		
California.	4	11	5	44	6	38	30	333	135	2,322	229	1,695	1,324	1,563	675	10,513	1,185	13,966		
Colorado.	23	273	132	53	14	178	294	7,724	2,749	1,222	213	8,021	3,887	1,097	18,295	722	75	538		
Connecticut.	1	2	89	19	19	72	115	2,208	5,748	812	812	4,262	4,306	24,322	18,295	722	75	500		
Delaware.	1	79	89	11	8	218	65	5,316	8,872	259	259	765	698	3,150	722	75	500	42,617		
Dist. Columbia.	2	11	11	11	11	23	29	1,204	259	259	259	765	698	3,150	722	75	500	5,316		
Florida.	3	41	11	11	11	23	29	1,204	259	259	259	765	698	3,150	722	75	500	8,872		
Georgia.	19	458	708	1	9	494	652	14,264	25,570	23	198	22,873	17,272	118,700	121,563	781	781	240,044		
I Idaho.	19	181	106	196	58	370	270	6,850	3,511	5,661	870	9,087	7,815	1,320	730	1,320	730	61,896		
Illinois.	35	65	12	11	14	91	94	1,654	1,265	457	224	2,085	2,455	1,204	204	1,178	1,178	17,287		
Indiana.	12	53	18	6	6	46	31	2,106	780	157	157	1,331	1,322	1,322	1,178	1,178	9,917			
Iowa.	2	25	31	7	7	12	20	655	655	132	132	507	320	1,900	1,900	1,178	1,178	6,778		
Kansas.	2	75	20	29	29	32	75	2,870	650	650	650	2,042	1,718	3,052	3,052	1,366	1,366	4,418		
Kentucky.	8	73	20	29	29	50	72	897	260	663	116	2,447	2,453	9,126	8,927	1,366	1,366	17,977		
Louisiana.	2	68	56	223	5	858	1,345	25,472	19,851	5,280	307	27,750	23,100	144,775	119,864	42,017	42,017	18,053		
Maine.	78	1,161	644	223	5	958	1,345	25,472	19,851	5,280	307	27,750	23,100	144,775	119,864	42,017	42,017	306,476		
Maryland.	30	131	94	67	6	408	385	2,978	2,332	1,084	167	15,022	11,431	11,549	500	60	4,577	172,192		
Massachusetts.	16	126	43	79	17	125	140	3,512	751	2,683	231	3,600	3,577	11,549	500	60	4,577	36,238		
Michigan.	1	1	3	20	5	286	227	5,340	15,542	438	113	12,398	8,972	104,829	104,829	24,167	24,167	126,996		
Minnesota.	2	128	365	20	5	2	9	217	217	438	438	123	197	104,829	104,829	24,167	24,167	126,996		
Mississippi.	3	6	6	20	5	2	9	217	217	438	438	123	197	104,829	104,829	24,167	24,167	126,996		
Missouri.	3	6	6	20	5	2	9	217	217	438	438	123	197	104,829	104,829	24,167	24,167	126,996		
Montana.	3	6	6	20	5	2	9	217	217	438	438	123	197	104,829	104,829	24,167	24,167	126,996		

1 Includes 572 teachers reported in total only. 2 Includes 20,103 pupils reported in total only. 3 Includes \$972,167 reported in total only. 4 Estimated.





TABLE 73.—Combined summary of statistics of public evening schools for the five groups of cities of 2,500 population and over, 1917-18—Contd.

States.	City school systems reporting.	Teachers.						Enrollment.						Expenses of instruction.				Total.
		Elementary.		Secondary (high).		Vocational.		Elementary.		Secondary (high).		Vocational.		Elementary.	Secondary (high).	Vocational.	Other schools.	
		Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.					
1	3	8	7	8	8	11	12	13	14	15	16	17	18	19				
Nebraska.....	4	66	52	62	1,663	1,716									\$3,598			\$20,838
Nevada.....	8	48	44	61	1,070	1,431									591			7,737
New Hampshire.....	2	42	47	49	13,407	12,831									53,918			222,350
New Jersey.....	1	3	4	2	107	130									241			222,575
New Mexico.....	1	3	4	2	107	130									241			222,575
New York.....	45	1,908	1,875	1,853	56,606	62,980	19,726	382	77,120	62,574	386,187	211,821	594	1,136,398	539,796	211,821	594	1,136,398
North Carolina.....	3	19	9	10	730	4,084									1,446			1,446
North Dakota.....	3	9	5	7	352	10,169									1,739			1,739
Ohio.....	20	277	353	317	10,886	10,700	1,969	491	14,571	8,964	2,471	214	154,104	2,471	214		154,104	
Oklahoma.....	2	2	16	13	40	700	435											4,597
Oregon.....	4	22	59	71	981	4,084	1,868								5,352			33,555
Pennsylvania.....	41	378	532	581	11,283	21,736	8,013	538	22,214	19,399	13,669	2,731	1,810	245,866	20,097	2,731	1,810	245,866
Rhode Island.....	13	28	171	251	4,586	3,396	302	272	6,513	3,318	1,580	42	45,949	2,072	42		45,949	
South Carolina.....	5	36	10	27	810	51	20							3,072				3,072
South Dakota.....	4	2	11	4	44	81	71							42				42
Tennessee.....	2	5	9	10	80	132	257							1,907				1,907
Texas.....	2	150	88	83	5,552	1,303	166							29,015				29,015
Vermont.....	1	10	2	3	315	120	93							1,775				1,775
Virginia.....	7	92	77	90	3,285	1,122	1,914	247	3,100	3,333	16,976	4,911	634	33,507	6,009	4,911	634	33,507
Washington.....	12	66	216	147	2,162	11,144	2,649	1,311	9,498	7,778	5,022	1,830	2,875	64,091	1,268	1,830	2,875	64,091
West Virginia.....	8	29	37	36	572	107	731	685	778	1,407	47,639	3,699	11,015	11,015	13,192	3,699	11,015	47,639
Wisconsin.....	26	94	384	327	2,057	2,189	11,526	244	7,766	9,450	47,639	3,699	11,015	94,550	13,192	3,699	11,015	47,639
Wyoming.....	2	7	5	8	38	38	170		92	116	315	1,363		1,738				1,738

TABLE 74.—Summary of statistics of public evening schools, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

States.	City school systems reporting.	Teachers.										Enrollment.						Expenses of instruction.			
		Elementary.	Secondary (high).	Vocational.	Other schools.	Total.		Elementary.	Secondary (high).	Vocational.	Other schools.	Total.		Elementary.	Secondary (high).	Vocational.	Other schools.	Total.			
						Men.	Women.					Boys.	Girls.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
United States.	30	4,232	4,238	1,093	142	14,957	5,283	146,379	201,717	41,276	3,892	227,041	185,475	\$853,015	\$1,134,919	\$277,045	\$1,832	\$2,870,867			
Alabama	1	11		13	1	18	7	245		234	8	327	180					1,671			
Arizona																					
Arkansas	3	244	340		6	263	327	15,649	27,731		85	22,368	21,697	111,845	174,612	10,513	(*)	280,457			
California	1	6		44	1	28	23	252		2,372	36	1,520	1,090	1,563				12,028			
Colorado																					
Connecticut	2	65	40	37	5	66	81	2,747	1,138	925	69	3,471	1,408					19,948			
Delaware																					
District Columbia	1	79	99		19	72	115	2,208	5,748		812	1,262	4,508	24,322	18,235		(*)	42,617			
Florida																					
Georgia	1	35				5	15	967				484	483					5,000			
Idaho																					
Illinois	1	396	658			413	611	13,079	24,186			21,044	16,221	113,499	113,499			228,996			
Indiana	1	33	32	61		69	57	1,053	94	1,174		1,306	1,612					21,142			
Iowa																					
Kansas																					
Kentucky	1	21		7		12	16	633		132		485	300					5,578			
Louisiana	1	74	31			32	73	2,824	936			2,584	1,106					4,011			
Maine																					
Maryland	1	65	36		4	81	24	2,410	5,241		110	2,377	2,301	8,410	8,427		(*)	17,346			
Massachusetts	5	363	281	83	5	303	459	10,262	10,676	2,061	307	12,182	11,154	73,542	61,864	13,732	(*)	132,238			

1 This column and the column following include 485 teachers in Michigan not reported by sex below.  
 2 This column and the column following include 19 892 pupils in Michigan not reported by sex below.  
 3 Includes estimates for cities reporting night schools but not reporting the expenditure therefor; also includes \$908,058 reported in total only.  
 4 Included in preceding columns.  
 5 Division as to sex, estimated.  
 6 Estimated.



TABLE 74.—Summary of statistics of public evening schools, 1917-18—Continued.  
 ● GROUP I.—CITIES OF 100,000 POPULATION AND OVER—Continued.

States	City school systems reporting	Teachers						Enrollment						Expenses of instruction							
		Elementary		Secondary (high)		Vocational		Other schools		Total		Elementary		Secondary (high)		Vocational		Other schools		Total	
		Men	Women	Men	Women	Men	Women	Men	Women	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
Michigan	2	261	224	432	188	2,392	96	11,625	8,267	1,196	1,912									\$148,765	
Minnesota	2	39	38	432	188	2,392	96	11,625	8,267	1,196	1,912									10,222	
Mississippi	2	286	227	6,340	16,842	438								\$24,167	\$104,839	(*)				128,996	
Missouri	1	29	48											6,568	11,180						17,778
Nebraska	3	237	247	86	37	317	300	9,005	9,214	2,924	628	12,164	9,567	53,519	53,979	546,768	\$076			164,942	
New Hampshire	5	1,670	1,008	367	16	1,600	1,482	51,665	56,483	10,230	242	69,978	56,812	360,320	530,449	189,061	(*)			1,079,830	
New York	4	185	347	38	6	268	287	10,212	9,656	1,665	272	12,310	8,375							146,279	
North Carolina	1	19	67	37	18	55	68	856	3,994	1,958	362	3,339	3,469	5,352	18,461	9,389				53,202	
North Dakota	3	261	319	166	19	333	431	7,430	16,251	6,472	362	17,359	13,186	8,366	16,523	2,731	(*)			197,146	
Ohio	1	82	66	9	1	62	96	1,521	1,776		214	2,613	1,580							27,520	
Oklahoma	2	5	5	14	14	9	16	80			257	205	132							1,907	
Tennessee	1	60	24	38	2	53	71	2,146	924	1,867	58	1,920	3,075	15,764	6,009	4,851	634			27,288	
Utah	2	39	213		4	156	100	1,513	10,250		430	6,800	5,363							53,097	
Vermont	1	83	63			51	95	2,786	2,173			1,966	2,963	47,659	13,192					60,861	
Virginia																					
Washington																					
West Virginia																					
Wisconsin																					
Wyoming																					

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

State	108	1,051	1,063	508	107	71,469	1,886	44,087	36,919	16,726	3,286	64,105	47,105	\$108,476	\$117,866	\$59,784	\$2,473	\$612,860	
United States.....																			
Alabama.....																			
Arizona.....																			
Arkansas.....																			
California.....	4	34	124		6	70	88	2,014	8,124		193	3,983	6,185	16,846	46,131		663	62,677	
Colorado.....	1				1	4						63	180						663
Connecticut.....	4	121	73	13	9	67	148	3,008	1,045	266	144	2,918	1,545						29,765
Delaware.....	1	3			0	3	65					32	83						4,800
Dist. Columbia.....																			
Florida.....	2	11			3	8	279					218	65	5,316					5,316
Georgia.....																			
Idaho.....																			
Illinois.....	6	42	24		36	40	948	1,137				1,313	722	4,169	5,157				9,356
Indiana.....	4	15	6	43	10	63	1,225	2,601			640	2,074	2,391						8,879
Iowa.....	4	58	53	11	13	70	1,377	1,736			540	1,441	1,724						14,641
Kansas.....	3	53	18		42	29	2,106	730				1,407	1,489						8,789
Kentucky.....																			
Louisiana.....																			
Maine.....	1	10	14		8	16	144	196				196	154						8,900
Maryland.....																			
Massachusetts.....	17	467	243	119	275	554	10,248	6,625	2,768			11,645	8,126	45,783	41,682	24,029			112,574
Michigan.....	8	76	68	5	73	76	1,997	1,996		64		1,830	1,827						18,324
Minnesota.....	1	74			36	36	2,341					1,301	1,040	11,549					11,549
Mississippi.....																			
Missouri.....																			
Montana.....																			
Nebraska.....	1	33			12	21	916					353	583	4,000					3,000
Nevada.....																			
New Hampshire.....	1	20	25		26	27	364	241				308	297						2,907
New Jersey.....	7	108	81	13	23	57	3,012	2,978		377	982	4,213	2,756						42,873
New Mexico.....																			
New York.....	11	150	156	119	194	231	3,413	4,467	2,474	6	6	6,030	4,314	14,813	17,641	21,984			61,438
North Carolina.....	1	6			3	3	287					192	85	370					370
North Dakota.....	1																		
Ohio.....	1	18	3		21	0	351	74				403	22						2,122
Oklahoma.....	1		13		8	5		548				194	352		2,471				2,471

† Included in preceding columns.

‡ Estimated.

§ This column and the column following include 7 teachers in Pennsylvania not reported by sex below.

¶ This column and the column following include 213 pupils in Pennsylvania not reported by sex below.

\*\* Includes estimates for cities reporting night schools but not reporting expenditure therefor; also includes \$224,287 reported in total only.

TABLE 74.—Summary of statistics of public evening schools, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

States.	City school systems reporting.	Teachers.						Enrollment.						Expenses of instruction.							
		Elementary.		Secondary (high).		Vocational.		Other schools.		Total.		Elementary.		Secondary (high).		Vocational.		Other schools.		Total.	
		Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Boys.	Girls.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Boys.	Girls.
1	3	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
Oregon.	12	73	100	41	2	123	90	2,600	4,370	935	108	3,413	4,820	83,155	\$3,574	( <sup>1</sup> )	\$1,810	\$34,366	10,539	1,492	
Pennsylvania.	2	75	31	4	1	34	77	1,304	837	130	58	1,575	854								
Rhode Island.	1	6		1		2	5	181		20		140	41								
South Carolina.	1	6		1		2	5	181		20		140	41								
South Dakota.																					
Tennessee.	1	140	17			85	83	5,552	1,863	105		3,732	3,318	1,775				29,628	1,775	4,977	
Utah.	1	10				7	3	315				220	96								
Vermont.	2	15	6		4	13	12	763	268			189	893	357							
Virginia.	1	10	6	28	16	27	27	373	166	2,649	841	2,191	1,893		1,230	\$1,560		8,334	3,080	12,021	
Washington.	2			13	13	12	13	177	731	731		384	544								
West Virginia.	3			97		54	43			3,129		1,361	1,346								
Wisconsin.																					
Wyoming.																					
United States.	131	835	633	543	80	926	1,174	19,974	6,483	12,537	2,029	27,702	26,491	\$44,153	\$86,400	\$34,866	\$9,627	192,263	551	450	
Alabama.						1	0	32				32	0	450							
Arizona.	1	1																			
Arkansas.	9	8	170	3	3	98	49	384	9,044	124		3,713	5,839	2,248	42,302	( <sup>1</sup> )		44,550		675	
California.	1	5				2	3	135				35	100		675						
Colorado.																					
Connecticut.	12	70	20	3		42	51	1,727	566	31		1,492	832								
Dist. Columbia.																					
Florida.																					

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	2	6	11	8	9	237	259	281	215	3,150	722	3,872
Georgia	2	6	11	8	9	237	259	281	215	3,150	722	3,872
Idaho	8	19	11	7	25	158	158	158	351	245	840	1,207
Illinois	11	130	42	70	10	144	5,672	616	1,566	1,846	3,312	581
Indiana	5	20	19	1	17	188	583	12	525	258	651	2,412
Iowa	1	1	1	1	0	0	98	98	0	0	0	651
Kansas	1	1	1	1	0	0	0	0	0	0	0	651
Kentucky	1	1	1	1	0	25	0	25	0	225	0	225
Louisiana	3	44	9	28	29	695	66	452	308	3,052	1,366	4,418
Maine	1	3	3	0	2	133	74	59	707	707	1,366	707
Maryland	30	213	96	79	226	3,535	364	2,947	2,812	19,491	3,308	32,100
Massachusetts	8	33	20	46	50	511	640	45	922	921	3,308	7,892
Michigan	3	6	5	13	16	168	48	135	252	100	0	5,137
Minnesota												
Mississippi												
Missouri												
Montana												
Nebraska	5	24	12	12	24	552	190	614	228	241	334	4,720
Nevada	10	46	37	10	46	1,073	269	1,563	1,161	241	334	21,885
New Hampshire	1	3	3	4	2	107	130	130	107	107	334	575
New Jersey	20	66	80	65	119	1,266	872	1,440	2,062	2,279	11,111	21,646
New Mexico	1	10	9	5	2	379	246	133	246	1,076	1,076	1,076
New York	1	6	17	24	2	317	228	69	228	1,199	1,199	1,199
North Carolina	1	20	3	8	22	46	270	215	215	337	337	9,983
North Dakota	1	1	10	8	6	40	435	280	337	337	337	2,126
Oklahoma	12	20	27	18	45	524	576	922	1,317	1,317	1,317	13,101
Oregon	4	4	25	18	46	798	474	292	474	474	474	5,794
Rhode Island	2	14	8	6	8	346	27	216	130	701	42	794
South Carolina	1	1	7	7	0	0	27	12	15	15	42	42
South Dakota												
Tennessee												
Texas	1	11	9	2	7	203	129	38	265	18	844	1,000
Utah	2	2	2	2	3	3	3	3	3	3	3	844
Vermont	3	5	20	3	8	108	473	40	300	321	2,875	2,660
Virginia	3	11	20	15	16	138	138	685	308	513	25,678	3,570
Washington	11	11	297	171	126	6,743	6,743	3,091	3,652	695	25,678	25,678
West Virginia	1	1	7	2	3	170	170	71	140	140	1,363	1,363
Wisconsin												
Wyoming												

\* Included in preceding columns.  
 † Includes estimates for cities reporting night schools but not reporting the expenditure therefor; also includes \$169,415 reported in total only.



TABLE 74.—Summary of statistics of public evening schools, 1917-18—Continued.

GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

States.	City school systems reporting.	Teachers.						Enrollment.						Expenses of instruction.									
		Elementary.	Secondary (high).	Vocational.	Other schools.	Total.		Elementary.	Secondary (high).	Vocational.	Other schools.	Total.		Elementary.	Secondary (high).	Vocational.	Other schools.	Total.					
						Men.	Women.					Boys.	Girls.										
United States..	118	315	171	171	25	284	398	6	7	8	9	10	11	12	13	14	15	16	17	18	19	\$1,457,897	
Alabama.....	4	3	15	14	7	14	140	677	.....	.....	.....	.....	.....	.....	413	404	.....	.....	.....	.....	.....	3,263	
Arkansas.....	4	25	25	15	10	822	.....	.....	.....	.....	.....	.....	.....	.....	381	441	.....	4,568	.....	.....	.....	4,568	
California.....	4	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	133	95	.....	1,607	.....	.....	.....	1,607	
Colorado.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Connecticut.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Delaware.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Dist. Columbia	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Florida.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Georgia.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Idaho.....	2	3	6	2	2	3	6	27	68	40	85	71	192	700	71	192	700	71	192	700	71	192	1,092
Illinois.....	7	20	14	2	23	19	6	682	189	46	543	374	1,320	1,320	15	15	730	130	200	200	200	2,180	
Indiana.....	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Iowa.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Kansas.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Kentucky.....	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Louisiana.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Maine.....	4	19	6	20	17	28	158	64	438	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Maryland.....	22	75	31	5	28	88	1,091	724	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Massachusetts.....	6	16	2	20	1	22	17	249	50	52	334	336	319	52	334	336	319	50	52	334	336	2,831	
Michigan.....	6	28	22	15	30	35	598	372	138	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Minnesota.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Mississippi.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Missouri.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Montana.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	





TABLE 75.—Combed summary of receipts for the five groups of cities of 2,500 population and over, 1917-18.

States.	City school systems.	From the United States for vocational education.	Subven- tions and grants from States.	Subven- tions and grants from county.	Subven- tions and grants from other civil divisions.	Appropri- ations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total.	
	1	2	3	4	5	6	7	8	9	10	11	12
United States.....	12,401	\$203,871	\$45,176,921	\$16,228,128	\$946,028	\$43,130,352	\$720,111,259	\$38,076,320	\$1,149,380	\$16,845,710	\$121,767,979	
Alabama.....	28	688	130,189	637,702	18,598	326,054	308,187	128,269	.....	171,186	1,702,685	
Arizona.....	20	200	58,041	291,204	19,598	70,560	620,014	100,000	.....	10,201	1,138,728	
Arkansas.....	5	2,835	60,777	5,227,940	598,601	589,688	1,391,702	284,296	4,283	10,894	1,639,980	
California.....	69	2,800	3,710,257	754,261	29,283	.....	3,018,961	283,317	1,889	200,686	19,233,971	
Colorado.....	29	2,240	433,324	.....	.....	.....	3,018,961	283,317	1,889	200,686	4,733,971	
Connecticut.....	74	19,007	480,428	65,638	2,108	5,255,606	2,667,146	605,745	3,884	701,460	9,801,578	
Delaware.....	4	.....	11,604	.....	.....	.....	485,846	.....	.....	8,367	515,807	
District of Columbia.....	1	.....	2,049,657	.....	.....	2,049,657	.....	103,614	.....	100,554	4,106,868	
Florida.....	22	.....	170,150	153,900	.....	.....	1,084,846	.....	.....	59,654	1,574,368	
Georgia.....	45	3,348	592,735	.....	15,836	1,074,338	1,010,230	25,000	1,790	146,104	2,871,501	
I Idaho.....	12	.....	165,939	274,186	11,881	9,630	733,898	903	100	72,839	1,291,648	
Illinois.....	146	8,470	2,253,430	65,940	20,774	27,591,347	2,439,972	2,439,972	90,879	2,131,064	34,601,890	
Indiana.....	88	11,462	1,773,688	779,062	8,485	251,325	7,211,257	456,105	899	880,912	11,381,185	
Iowa.....	70	7,128	248,879	110,461	.....	1,200	6,704,798	1,538,758	61,161	331,743	9,082,128	
Kansas.....	33	815	213,446	217,886	.....	.....	4,295,366	4,414,404	4,842	148,115	5,294,864	
Kentucky.....	40	2,483	719,828	7,104	1,386	131,928	1,651,672	908,798	4,518	140,154	3,567,881	
Louisiana.....	26	2,730	391,433	1,274,577	4,070	102,708	1,213,378	137,368	.....	49,718	3,394,933	
Maine.....	55	9,334	926,199	170,687	2,580	477,849	45,411	.....	1,681	45,411	2,969,459	
Maryland.....	15	.....	170,687	182,483	.....	.....	2,610,584	.....	.....	45,411	2,969,459	
Massachusetts.....	151	10,478	202,681	13,753	2,480	15,234,171	11,735,773	784,462	31,080	435,423	28,430,671	
Michigan.....	79	2,470	3,000,908	36,081	4,744	3,950,941	8,100,229	1,517,876	23,451	941,755	20,638,345	
Minnesota.....	48	2,310	1,177,782	382,632	28,977	1,153,642	6,296,509	1,718,224	13,715	372,806	11,140,547	
Mississippi.....	29	.....	167,134	12,111	1,000	113,844	538,415	.....	.....	69,840	902,944	
Missouri.....	62	2,788	1,036,184	118,619	8,342	26,548	9,615,537	582,034	22,833	689,345	12,074,945	
Montana.....	14	.....	514,339	359,210	1,026	142,588	1,454,000	337,048	5,139	15,947	2,810,497	
Nebraska.....	25	700	145,219	.....	6,761	2,339	2,701,311	294,000	801	245,246	3,306,387	
Nevada.....	4	.....	.....	18,300	.....	.....	135,640	.....	.....	5,316	264,791	
New Hampshire.....	20	3,360	35,131	.....	3,691	372,894	942,063	32,000	.....	98,028	1,486,208	
New Jersey.....	91	.....	7,765,534	307,585	12,535	1,897,571	8,934,721	2,025,441	6,283	729,463	21,334,787	
New Mexico.....	10	.....	7,174,088	106,072	.....	.....	3,317,201	1,181,500	.....	3,162	810,483	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New York.....	150	284	4,149,423	3,137	288,173	59,723,125	2,543,625	40,375	1,193,601	87,947,140
North Carolina.....	36	177,361	117,659	314,566	94,903	905,052	390,800	3,352	113,551	1,821,177
Ohio.....	10	150	1,485,466	51,404	72,116	658,085	60,000	4,871	49,792	821,161
Oklahoma.....	134	37,650	296,022	129,488	45,584	22,714,179	6,785,906	194,082	1,385,772	33,089,435
Oregon.....	46	8,360	146,856	587,541	3,565	2,969,729	720,513	4,482	380,070	4,322,887
Pennsylvania.....	17	485	3,021,513	26,324	9,707	2,576,114	61,077	643	112,575	3,483,928
Rhode Island.....	28	49,848	171,303	18,733	4,459	29,704,197	4,757,117	496,309	2,408,038	40,480,118
South Carolina.....	26	3,842	131,348	19,285	3,341,187	208,671	66,504	441	72,390	3,866,538
South Dakota.....	13	131,446	142,104	870,847	1,000	781,913	150,701	2,151	131,005	948,906
Tennessee.....	27	760	2,106,442	57,498	333,933	998,749	37,385	119	57,138	2,410,625
Texas.....	90	1,632	752,363	151	244,789	4,026,793	1,274,365	3,200	422,406	8,140,155
Utah.....	16	1,740	59,268	1,811	1,890,560	800,193	244,863	15,066	44,451	2,740,694
Vermont.....	32	1,400	392,687	16,148	219,730	417,028	159,908	430	69,113	1,629,732
Virginia.....	32	2,674	1,516,249	1,425,424	1,764,063	3,684,946	977,000	33,441	158,263	7,807,362
Washington.....	27	3,476	184,159	987,207	6,427	2,313,988	87,128	13,933	149,190	2,749,991
West Virginia.....	25	2,014	1,243,927	41,344	3,536,713	2,179,117	1,237,015	48,031	471,297	10,041,410
Wisconsin.....	74	11,656	140,226	1,425,424	3,536,713	210,087	5,640	5,255	10,041,410	403,919
Wyoming.....	7	349						418		

1 Estimates are included for 699 city school systems not reporting, as indicated in following tables.

TABLE 75.—Combed summary of receipts for the five groups of cities of 2,500 population and over, 1917-18.

States.	City school systems.	From the United States for vocational education.	Subven-tions and grants from States.	Subven-tions and grants from county.	Subven-tions and grants from other civil divisions.	Appropri-ations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total.	
	1	2	3	4	5	6	7	8	9	10	11	12
United States.....	12,401	\$203,871	\$45,176,921	\$16,228,128	\$946,028	\$43,130,352	\$720,111,259	\$38,076,320	\$1,149,390	\$16,845,710	\$121,767,979	
Alabama.....	28	688	130,189	637,702	18,598	326,054	308,187	128,299	.....	171,186	1,702,685	
Arizona.....	20	200	58,041	291,204	19,598	70,560	620,014	100,000	.....	10,201	1,138,728	
Arkansas.....	5	2,825	60,777	2,277,940	598,601	589,988	1,391,702	284,296	4,283	10,894	1,639,980	
California.....	69	2,800	3,710,257	5,227,940	784,261	29,283	3,018,961	283,317	1,899	200,686	19,233,971	
Colorado.....	29	2,240	433,324	784,261	29,283	.....	3,018,961	283,317	1,899	200,686	4,733,971	
Connecticut.....	74	19,007	480,428	65,638	2,108	5,255,606	2,667,146	605,745	3,884	701,460	9,801,578	
Delaware.....	4	.....	11,604	.....	.....	.....	485,846	.....	.....	8,367	515,807	
District of Columbia.....	1	.....	2,049,657	.....	.....	2,049,657	1,084,846	103,614	.....	100,554	4,106,868	
Florida.....	22	.....	170,150	153,900	.....	.....	1,010,230	25,000	1,790	59,654	1,574,368	
Georgia.....	45	3,348	592,735	153,900	15,836	1,074,338	1,010,230	25,000	1,790	146,104	2,871,501	
I Idaho.....	12	.....	165,939	274,186	11,881	9,630	733,898	903	100	72,839	1,291,648	
Illinois.....	146	8,470	2,253,430	65,940	20,774	27,591,347	2,439,972	2,439,972	90,879	2,131,064	34,601,890	
Indiana.....	88	11,462	1,773,688	779,062	8,485	251,325	7,211,257	456,105	899	880,912	11,381,185	
Iowa.....	70	7,128	248,879	110,461	1,200	1,200	6,704,798	1,538,758	61,161	331,743	9,082,128	
Kansas.....	33	815	213,446	217,886	.....	.....	4,295,366	4,414,404	4,842	148,115	5,294,864	
Kentucky.....	40	2,483	719,828	7,104	1,366	131,928	1,651,672	908,798	4,518	140,154	3,567,881	
Louisiana.....	26	730	391,433	1,274,577	4,070	102,708	1,231,378	137,368	.....	49,718	3,394,933	
Maine.....	55	9,334	926,199	2,580	2,580	477,849	45,411	.....	1,681	45,411	2,969,459	
Maryland.....	15	.....	170,687	182,483	.....	.....	2,610,554	.....	.....	45,411	2,969,459	
Massachusetts.....	151	10,478	202,681	13,753	2,480	15,234,171	11,735,773	784,462	31,080	435,423	28,430,571	
Michigan.....	79	2,470	3,000,908	36,081	4,744	3,950,941	8,100,229	1,517,876	23,451	941,755	20,638,345	
Minnesota.....	48	2,310	1,177,782	382,632	28,977	1,153,642	6,296,509	1,718,224	13,715	372,806	11,140,547	
Mississippi.....	29	.....	167,134	12,111	1,000	113,844	538,415	.....	.....	69,840	902,944	
Missouri.....	62	2,788	1,036,184	118,619	8,342	26,548	9,615,537	582,054	22,833	689,345	12,074,945	
Montana.....	14	.....	514,339	359,210	1,026	142,588	1,454,000	337,048	5,139	15,947	2,810,497	
Nebraska.....	25	700	145,219	.....	6,761	2,339	2,701,311	294,000	801	245,246	3,306,387	
Nevada.....	4	.....	34,006	18,300	.....	.....	135,640	.....	.....	5,316	264,791	
New Hampshire.....	20	3,360	35,711	377,585	3,691	372,896	942,063	32,000	248	98,028	1,486,208	
New Jersey.....	91	.....	7,765,534	307,585	12,535	1,897,571	8,931,721	2,025,441	6,283	729,463	21,334,787	
New Mexico.....	10	.....	7,174,088	106,072	.....	.....	337,201	1,181,500	.....	3,162	810,483	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New York.....	150	284	4,149,423	3,137	288,173	59,723,125	2,543,625	40,375	1,193,601	67,947,140
North Carolina.....	36	177,361	117,659	314,566	94,903	905,052	390,800	3,352	113,551	1,821,177
Ohio.....	134	150	1,485,466	51,404	72,116	658,085	60,000	4,871	60,792	1,821,167
Oklahoma.....	46	37,650	296,022	129,488	45,584	22,714,179	6,785,906	194,082	1,385,772	33,089,435
Oregon.....	17	485	146,856	587,541	3,565	2,969,729	720,513	4,482	380,070	4,322,887
Pennsylvania.....	225	40,848	3,021,513	26,324	9,707	2,576,114	61,077	643	112,575	3,483,928
Rhode Island.....	28	3,842	171,303	18,733	4,459	29,704,197	4,757,117	496,309	2,408,038	40,480,118
South Carolina.....	26	1,404	131,348	19,285	3,341,187	208,671	66,504	441	72,390	3,866,638
South Dakota.....	13	760	142,104	870,847	1,000	781,913	150,701	2,151	131,005	948,906
Tennessee.....	27	1,632	2,106,442	57,498	333,933	998,749	37,385	119	57,138	2,410,625
Texas.....	90	1,740	752,363	151	244,789	4,026,793	1,274,365	3,200	422,406	8,140,155
Utah.....	16	1,400	59,268	1,811	1,800,560	800,000	244,863	15,006	44,451	2,740,694
Vermont.....	32	2,674	392,667	16,148	219,730	810,103	169,908	430	69,113	1,629,732
Virginia.....	22	3,476	1,516,249	1,425,424	1,764,063	417,028	175,768	141	102,000	2,870,487
Washington.....	27	2,014	184,159	987,207	8,563	3,684,946	977,000	33,441	158,263	7,807,362
West Virginia.....	25	11,656	1,243,927	41,344	3,536,713	2,313,988	87,128	13,933	149,190	2,749,991
Wisconsin.....	74	349	140,226	6,427	3,536,713	2,179,117	1,237,015	48,031	471,297	10,041,410
Wyoming.....	7	349	140,226	6,427	3,536,713	210,087	5,640	418	5,255	403,919

1 Estimates are included for 699 city school systems not reporting, as indicated in following tables.

TABLE 76.—Summary of receipts, city school systems, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

States.	City school systems.	From the United States for vocational education.	Subventions and grants from State.	Subventions and grants from county.	Subventions and grants from other civil divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total.	
	1	2	3	4	5	6	7	8	9	10	11	12
United States.....	51	\$53,920	\$18,944,443	\$6,435,648	\$214,580	\$24,251,627	\$129,491,273	\$10,279,333	\$570,147	\$4,669,794	\$194,954,956	
Alabama.....	1			453,047		145,759				73,512	672,918	
Arizona.....	3		2,039,866	2,054,528	178,638	90,455	6,141,713			241,539	10,744,139	
California.....	1	1,775	137,658	646,911			1,255,990		737	41,907	2,074,086	
Colorado.....	3	12,176	2,900				64,134			44,918	2,231,165	
Connecticut.....	1		2,049,657			2,049,657				190,384	4,199,886	
Delaware.....	1	923	128,275			792,314					921,512	
District of Columbia.....	1		1,490,908				17,587,512	1,440,000	42,159	1,450,315	22,022,954	
Florida.....	1		336,349	8,366			1,763,569			145,379	2,232,883	
Georgia.....	1											
Idaho.....	1		294,067									
Illinois.....	1	4,260	295,202	1,142,673		1,896				3,937	1,193,667	
Indiana.....	1											
Iowa.....	1											
Kansas.....	1											
Kentucky.....	1	2,483	294,067				839,837			34,333	1,193,667	
Louisiana.....	1	4,260	295,202	1,142,673		1,896	1,285,002			22,325	2,741,578	
Maine.....	1											
Massachusetts.....	6	5,814	83,610				2,364,196			4,260	2,472,042	
Michigan.....	2		1,319,089	119,194		3,745,378	1,002,140	2,092,444	14,214	345,176	8,518,341	
Minnesota.....	2		557,638			1,150,890	2,801,234	771,844	747	75,947	5,477,486	
Missouri.....	2		698,076				7,197,781	472,713	7,994	305,224	8,641,788	
Montana.....	1											
Nebraska.....	1		69,347				1,204,965		801	171,931	1,447,074	
Nevada.....	1											

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New Hampshire.....	3	3,131,076					3,301,838	30,945	2,025	79,365	6,545,199
New Jersey.....	5	2,896,795					46,555,477	1,154,070	23,954	255,677	52,865,973
New Mexico.....	5	849,712					12,835,263	2,589,313	161,375	529,522	17,060,300
New York.....	3	90,684	339,016	3,129			1,915,787		539	48,236	2,396,861
North Carolina.....	3	927,380					14,537,911		267,092	404,095	16,156,458
North Dakota.....	1	3,842	36,988				41,219	46,004		21,613	1,745,757
Ohio.....	2	62,000	528,580				616,831		119	33,806	1,241,076
Oklahoma.....	1	2,674	107,837				822,455			17,985	850,851
Oregon.....	2	300	900,028	742,240	8,563		2,310,969	882,000	5,742	117,663	4,867,505
Pennsylvania.....	1	444,104	400,753				1,090,000	970,000		74,504	3,709,341
Rhode Island.....	1										
South Carolina.....	1										
South Dakota.....	1										
Tennessee.....	1										
Texas.....	1										
Utah.....	1										
Vermont.....	1										
Virginia.....	1										
Washington.....	1										
West Virginia.....	1										
Wisconsin.....	1										
Wyoming.....	1										

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

United States.....	141	\$8,329,395	\$1,562,924	\$59,584	\$7,623,652	\$43,434,091	\$9,889,463	\$303,968	\$2,710,285	\$73,922,839
Alabama.....	2	160	62,854		57,900	230,968	10,220		8,361	369,763
Arkansas.....	1	358			428,478	999,020			354	456,370
California.....	4	424,528	889,366		251,556	361,600			276,282	2,803,851
Colorado.....	2	61,202							23,576	448,408
Connecticut.....	4	3,187	112,654		683,867	1,465,954	311,309	3,366	316,466	2,961,686
Delaware.....	1					441,168				441,168
District of Columbia.....	2	65,190								
Florida.....	3	203,848		15,366		712,079	103,614	221	1,911	886,045
Georgia.....	3					558,868		1,750	50,800	801,685
Idaho.....	7	265,411	3,454							
Illinois.....	4	387,596	18,135	7,239	11,594	2,924,107	529,707	21,063	129,391	4,161,763
Indiana.....	5	71,419				1,721,643	230,170		82,907	2,459,929
Iowa.....	3	37			1,200	2,905,476	28,477	54,403	60,721	3,121,753
Kansas.....	3	31,373				1,785,555			40,732	1,836,060

1 Estimates are included for two city school systems not reporting.

TABLE 76.—Summary of receipts, city school systems, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

States.	1	2	3	4	5	6	7	8	9	10	11	12
	City school systems.	From the United States for vocational education.	Subven- tions and grants from State.	Subven- tions and grants from county.	Subven- tions and grants from other civil divisions.	Appropri- ations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total.	
Kentucky	3		\$164,960			\$67,497	\$274,961	\$22,495			\$15,719	\$1,129,658
Louisiana	1		167,186			26,681						183,867
Maine	17	\$2,683	21,560	\$5,001		3,129,255	3,984,208	489,182	\$11,881		116,650	7,630,837
Maryland	5		546,698	5,307		156,994	1,959,274	527,092	5,000		108,504	3,307,806
Massachusetts	1		55,975	3,473			845,553	250,000	876		14,852	1,170,829
Michigan	3		59,302	14,790			862,100		208		52,733	1,019,183
Minnesota	1		321,315				665,484				8,629	995,428
Montana	1		13,052				491,719				1,120	505,991
Nevada	1		5,381				28,000				2,223	300,004
New Hampshire	10		2,168,918			1,345,261	1,190,363	1,075,272	1,084		185,613	6,256,341
New Jersey	12	384	382,789			194,946	4,245,524	642,569	6,076		71,493	5,543,782
New Mexico	1		54,242				82,673	100,000			3,658	240,573
New York	6	874	112,535				2,847,968	1,421,543			343,377	4,687,969
North Carolina	1	600	50,525	32,963			658,723				15,732	738,543
North Dakota	15	15,883	501,307	2,487	8,729	1,000	5,107,566	2,710,344	180,185		630,851	9,208,662
Ohio	2		24,418	500	1,000	589,944	17,397		441		8,203	640,403
Oklahoma	1		24,400			1,000	151,664					154,564
Oregon	2		(1)			298,471	177,144	400,000	1,500		1,801	654,011
Rhode Island	6	1,095	929,395	9,481		225,099	1,851,420		11,629		139,291	3,017,701
South Carolina	1		367,808				1,687,241				6,630	1,421,328
South Dakota	3		140,088		16,148	396,085	144,421	72,581	141		5,542	724,959
Tennessee												
Texas												
Utah												
Vermont												
Virginia												

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Table with 4 columns: State, 1917-18, 1918-19, 1919-20, 1920-21. Includes entries for Washington, West Virginia, Wisconsin, Wyoming, and United States.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Main data table with 12 columns: State, No. of cities, Total enrollment, Total enrollment per capita, Total enrollment per pupil, Total enrollment per acre, Total enrollment per square mile, Total enrollment per square mile, Total enrollment per square mile, Total enrollment per square mile, Total enrollment per square mile, Total enrollment per square mile.

\* Estimates are included for 33 city school systems not reporting.

† Included in column 3.



TABLE 78.—Summary of receipts, city school systems, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

States.	City school systems.	From the United States for vocational education.	From the States grants from State.	Subventions and grants from county.	Subventions and grants from other civil divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sale of property.	All other receipts.	Total.	
	1	2	3	4	5	6	7	8	9	10	11	12
North Dakota	2	\$150	\$78,286	\$19,224	\$631	\$271,036	\$30,000	\$6,797	\$405,463			
Ohio	26	663	243,977	287,170	30,843	3,168,522	1,739,917	186,023	5,034,739			
Oklahoma	7	200	96,068	30,843	40,368	919,462	433,235	29,439	1,563,877			
Oregon	1		1,600	28,408	2,465	78,998	1,122,950	11,390	128,787			
Rhode Island	45	10,675	69,330	13,322	2,465	3,894,282	15,000	467,901	0,108,323			
South Carolina	3		41,040	1,714		715,650	218,445	20,000	814,872			
South Dakota	2		1,714	48,990		335,021		10,114	396,068			
Tennessee	1		10,240	15,032		23,124		3,710	52,115			
Texas	14	537	469,397	15,960	19,180	729,286	719,875	79,021	2,034,550			
Utah	1		13,854	144,227		190,475		11,129	459,865			
Vermont	3		8,190	214,964		363,333		21,039	246,702			
Virginia	6		85,376					7,539	569,424			
Washington	5	1,300	252,067	240,540		518,436		6,219	1,018,989			
West Virginia	4		27,365	246,535		751,722		30,377	810,157			
Wisconsin	13	3,945	364,016	246,535	597	674,708	224,408	211,697	2,680,832			
Wyoming	1	349	29,011	18,300		44,168		7,539	81,844			

GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

States.	City school systems.	From the United States for vocational education.	From the States grants from State.	Subventions and grants from county.	Subventions and grants from other civil divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sale of property.	All other receipts.	Total.	
	1	2	3	4	5	6	7	8	9	10	11	12
United States	637	\$32,708	\$5,192,240	\$1,914,299	\$71,084	\$25,094,437	\$4,280,612	\$91,399	\$2,568,640	\$12,059,190		
Alabama	6		22,370	24,448		32,187	27,235	1,399	32,481	140,121		
Arizona	5	200	5,000	71,812		70,560	478,783			620,365		
Arkansas	4	850	30,211	491		109,963	718			141,903		
California	10		280,538	466,772		60,523	246,094			8,423		
Colorado	7	463	131,234			493,174	1,152,208		1,152	43,987		
Connecticut	19	4,244	95,392		372	409,680	435,048		31,370	1,139,800		
District of Columbia												

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	1917-18	1916-17	1915-16	1914-15	1913-14	1912-13	1911-12	1910-11	1909-10	1908-09	1907-08	1906-07	1905-06	1904-05	1903-04	1902-03	1901-02	1900-01
Florida	32,000	15,063	11,881	119,479	150,000	143,918	150,000	25,000	5,000	187,000								
Georgia	108,418	113,290	1,846,301	231,845	203,728	143,918	25,000	10,791	14,520	412,338								
Idaho	196,560	31,052	1,891	64,441	189,126	189,126	280,773	31,807	31,807	621,721								
Illinois	274,212	88,796	1,161	35,000	35,000	35,000	70,000	170,000	170,000	170,000								
Indiana	13,711	12,244	1,161	183,281	149,255	149,255	70,000	681	30,112	625,572								
Iowa	124,331	161,842		682,661	2,213,024	2,213,024	160,300	150,688	150,688	3,119,049								
Kansas	108,124	7,827																
Kentucky	30,000																	
Louisiana	261,141	41,117																
Maine	7,827																	
Maryland	486																	
Massachusetts	1,000																	
Michigan	350,801	7,111	4,546	49,424	1,083,802	1,083,802	182,000	182,000	158,544	1,823,137								
Minnesota	211,793	212,170	27,073	2,740	1,223,160	1,223,160	192,500	192,500	227,008	2,116,571								
Mississippi	70,980	2,205	1,400	69,025	184,561	184,561	68,000	68,000	50,631	540,812								
Missouri	108,702	21,204	1,583	1,671	669,372	669,372	88,000	88,000	111,115	976,511								
Montana	28,906	55,129			110,572	110,572	83,000	83,000	1,345	288,157								
Nebraska	29,563		1,271	1,964	532,353	532,353	220,500	220,500	40,578	832,928								
Nevada	8,311																	
New Hampshire	694,209	78,994	99,297	16,490	90,471	90,471	415,100	415,100	10,521	208,000								
New Jersey	31,625				1,012,877	1,012,877	127,400	127,400	167,749	2,318,086								
New Mexico					50,301	50,301			3,080	212,356								
New York	160,963	117,260			1,162,164	1,162,164	81,147	81,147	176,212	1,852,215								
North Carolina	3,123				258,477	258,477	131,868	131,868	25,776	538,693								
North Dakota	2,199				130,314	130,314	80,000	80,000	10	375,339								
Oberlin	16,019				2,150,314	2,150,314	781,688	781,688	192,650	3,372,339								
Oklahoma	45,389	5,482	8,191	846	358,474	358,474			50,999	449,754								
Oregon	22,762	110,907	0,578		279,266	279,266	61,077	61,077	26,785	500,904								
Pennsylvania	526,426	8,495	1,080	3,430	3,649,728	3,649,728	526,900	526,900	327,369	5,081,483								
Rhode Island	48,414				397,808	397,808	7,500	7,500	10,703	544,884								
South Carolina	5,000	16,735	304		259,469	259,469			7,872	201,490								
South Dakota	51,549				303,403	303,403	180,701	180,701	28,433	634,858								
Tennessee	11,926	76,100			75,798	75,798			3,901	167,765								
Texas	329,050	5,355			788,410	788,410	100,000	100,000	109,096	1,322,881								
Utah	80,359		1,811		79,299	79,299	53,931	53,931	7,461	223,862								
Vermont	13,101	161	43	4,868	244,663	244,663	3,000	3,000	22,070	286,728								
Virginia	39,600			140,238	186,788	186,788			5,874	522,397								
Washington	93,245	88,211			119,572	119,572	85,000	85,000	3,454	416,512								
West Virginia	32,086				619,976	619,976			17,175	708,128								
Wisconsin	137,856	91,690	688	254,206	470,653	470,653	51,231	51,231	57,701	1,070,035								
Wyoming	89,322	23,014			68,981	68,981	5,640	5,640	2,343	187,428								

\* Largely estimated.

\* Estimates are included for 78 city school systems not reporting.

\* Estimated.

TABLE 76.—Summary of receipts, city school system, 1917-18—Continued.  
GROUP V.—CITIES, TOWNS, AND VILLAGES OF 2,500 TO 5,000 POPULATION.

States.	1	2	3	4	5	6	7	8.	9	10	11	12
	From the United States for vocational education.	Subven-tions and grants from State.	Subven-tions and grants from county.	Subven-tions and grants from other civil divisions.	Appropri-ations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total.		
United States.....	1,162	\$48,865	\$5,120,745	\$2,040,226	\$87,120	\$1,746,766	\$26,337,567	\$5,402,228	\$97,639	\$3,485,153	\$44,300,237	
Alabama.....	15	428	25,265	46,290	18,506	54,116	12,905	76,660	49,198	274,722		
Arizona.....	13	1,067	72,491	44,665	18,506	35,206	55,206	20	154,913			
Arkansas.....	35	400	329,130	577,494	70	287,602	55,556	5,453	422,839			
California.....	168	80,906	37,970	29,263	26,135	341,514	180,450	3,600	42,114	1,500,840		
Colorado.....	32	110,329	368	943,674	16,908	576,015	111,111	66,719	901,901			
Connecticut.....	3	11,804	6,968	54,678	72,103	1,049,070	8,357	74,639	1,049,070			
Delaware.....	13	82,098	168,900	64,767	94,767	49,713	49,713	36,374	300,440			
District of Columbia.....	22	86,848	108,765	141,236	141,236	36,374	36,374	371,726	371,726			
Georgia.....	7	15,975	157,877	9,860	289,084	18,869	18,869	471,426	471,426			
Idaho.....	68	120,750	25,817	2,106	1,788,145	108,929	108,929	2,028,882	2,028,882			
Illinois.....	27	4,418	84,052	700	1,683,116	199,473	17,949	1,100,879	1,100,879			
Indiana.....	28	6,111	1,873,383	1,873,383	1,873,383	1,873,383	1,873,383	1,873,383	1,873,383			
Iowa.....	28	84	56,044	66,044	273,404	38,578	273,404	3,634	1,268,212			
Kentucky.....	20	78,659	7,104	1,398	182,157	34,832	63,830	34,832	373,973			
Louisiana.....	15	10,714	24,295	182,757	24,295	27,383	245,150	245,150	245,150			
Maine.....	32	6,924	209,926	263,524	86,800	263,524	370	8,753	576,266			
Maryland.....	7	41,160	67,228	590	17,241	17,241	126,434	219	126,434			
Massachusetts.....	48	38,269	3,601	1,701	1,178,963	87	32,453	1,414,586	1,414,586			
Michigan.....	30	1,479	240,967	16,305	198	2,360,739	1,538,060	835	100,072	4,359,421		
Minnesota.....	24	627	263,561	2,802	954	845,863	203,390	795	23,617	1,341,129		
Mississippi.....	14	14,940	4,766	3,448	214,463	41,648	41,648	278,952	41,648			
Missouri.....	33	2,398	97,865	77,250	2,141	657,793	102	122,258	984,359			
Montana.....	5	51,861	86,431	119,048	4,762	1,219	119,048	4,762	1,219	416,327		
Nebraska.....	13	28,280	37,600	37,600	100	27,143	37,600	460,975	460,975			
Nevada.....	3	54,455	111,022	398	6,480	111,022	171,247	171,247				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New Hampshire.....	12	779	9,243	36,525	83	4,247	296,130	31,060	28,828	33,772	313,439
New Jersey.....	35		40,002	3,141		18,333	822,823	31,060	170,850	1,322,832	1,416,636
New Mexico.....	7		142,383				272,748		381		
New York.....	71		312,200	883			2,020,200	231,028	2,828	283,244	2,849,423
North Carolina.....	20		44,205	2,554			205,441			37,867	312,192
North Dakota.....	4		37,174	32,180	1,200		185,737			51,387	320,539
Ohio.....	64	2,502	104,172	11,060	11,060		1,092,270	300,570	17,215	164,145	2,294,088
Oklahoma.....	22	7,560	65,080	60,500		3,665	1,053,070	87,278	1,410	280,200	1,561,212
Oregon.....	10		25,020	109,200			309,072			26,174	409,476
Pennsylvania.....	115	5,109	407,152	3,600	6,429		2,399,236	387,023	13,371	590,770	3,883,190
Rhode Island.....	7		20,643			51,084	45,544			2,781	120,652
South Carolina.....	12		7,235				182,335			118,098	277,665
South Dakota.....	7		30,900				325,200		45	57,968	414,113
Tennessee.....	17		58,227	74,610		12,838	98,698	87,885		14,410	295,658
Texas.....	51		378,600	26,700			661,179			97,428	1,153,907
Utah.....	12	1,640	190,352				418,783	337	2,856	19,211	1,034,239
Vermont.....	22	1,000	37,968				545,528	486,404		23,401	1,084,301
Virginia.....	15		49,890			51,980	134,820			65,120	302,758
Washington.....	15	1,876	171,410	154,424			279,410		1,262	17,770	626,158
West Virginia.....	13		18,430				319,222	33,183		62,113	462,958
Wisconsin.....	38	3,172	152,014	109,850	6,242	257,967	565,483	161,363	82,551	97,817	1,384,179
Wyoming.....	3		21,283				99,308			2,286	122,947
Total.....	688		4,488,488				27,888,488			2,286	122,947

\* Estimated.

\* Estimates are included for 688 school systems not reporting.

TABLE 77.—Expenditure per capita for pupils in average attendance in city schools.

State.	Group I.		Group II.		Group III.		Group IV.		Group V.	Total.	
	1916-16	1917-18	1915-16	1917-18	1915-16	1917-18	1915-16	1917-18	1917-18	1915-16	1917-18
	3	8	4	5	6	7	8	9	11	12	18
United States.....	\$51.28	\$56.53	\$41.46	\$47.88	\$37.68	\$44.61	\$33.90	\$40.51	\$41.57	\$44.90	\$49.41
Alabama.....	26.20	30.04	21.20	29.33	22.91	21.17	21.47	23.52	27.39	23.98	27.40
Arizona.....	44.07	44.07	44.07	44.07	44.07	44.07	44.07	44.07	44.07	44.07	44.07
Arkansas.....	27.02	24.06	26.65	26.65	26.65	26.65	26.65	26.65	26.65	26.65	26.65
California.....	67.40	67.05	71.83	81.10	64.37	62.25	64.37	69.79	54.12	65.98	66.55
Colorado.....	54.67	60.53	53.32	51.37	41.14	58.10	47.78	54.23	47.74	52.39	55.75
Connecticut.....	85.71	43.11	44.30	53.30	38.68	47.77	31.02	37.77	42.82	38.51	45.94
Delaware.....	46.12	60.72	62.22	38.37	28.77	25.78	19.08	15.03	46.84	42.22	39.60
District of Columbia.....	31.80	31.45	14.77	25.14	28.77	27.18	24.95	23.63	34.07	18.62	20.75
Florida.....	49.42	52.10	44.04	52.41	38.10	45.33	48.01	44.08	62.09	51.81	58.52
Georgia.....	53.25	61.50	47.91	56.40	39.70	48.44	33.78	35.77	44.78	45.14	46.66
Idaho.....	38.31	45.89	34.93	38.74	29.67	33.92	27.68	29.33	46.41	34.52	39.83
Illinois.....	22.65	40.74	22.26	30.95	21.77	26.28	24.22	24.86	26.07	30.19	34.96
Indiana.....	34.09	38.57	37.37	30.95	36.75	38.04	30.80	40.22	36.82	34.07	37.35
Iowa.....	54.70	58.96	44.28	52.65	50.56	48.24	38.63	31.77	43.58	44.52	52.97
Kentucky.....	48.27	55.78	41.88	48.23	40.61	51.93	38.03	46.08	52.51	43.85	52.18
Louisiana.....	58.42	58.66	34.84	58.12	50.98	62.03	51.45	60.47	61.81	51.24	60.52
Maine.....	52.71	56.76	52.72	54.07	19.51	29.24	22.67	28.32	60.64	21.07	31.42
Massachusetts.....	52.19	103.06	55.19	103.06	71.19	75.51	55.72	65.15	33.03	44.76	48.76
Michigan.....	52.13	61.16	50.46	46.20	36.14	45.52	37.14	46.18	44.02	47.08	52.12
Minnesota.....	47.90	56.60	34.97	46.37	33.83	60.90	36.71	41.96	68.00	33.83	59.28
Mississippi.....	51.77	58.67	49.56	58.67	39.42	50.52	47.68	53.36	65.36	37.10	64.79
Missouri.....	49.56	49.56	49.56	49.56	52.02	51.77	47.68	53.36	48.38	49.56	56.83
Montana.....	40.39	51.80	40.39	51.80	40.39	51.80	40.39	43.92	51.04	31.06	44.51
New Hampshire.....											
New Jersey.....											
New Mexico.....											

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New York	53.78	60.02	45.93	53.80	38.08	47.55	38.48	45.59	45.43	53.31	57.55
North Carolina			17.56	22.16	24.00	26.06	18.28	21.15	23.29	20.37	23.82
North Dakota					47.78	57.92	45.78	48.45	56.42	47.06	45.33
Ohio	48.55	58.43	30.39	43.78	36.27	42.20	32.89	41.03	45.07	43.27	48.96
Oklahoma			31.13	37.00	28.17	39.73	23.32	30.72	35.61	28.10	36.44
Oregon											
Pennsylvania	01.08	69.92			58.55	58.93	46.28	49.42	43.18	58.96	61.02
Rhode Island	48.01	50.77	34.89	43.41	36.06	36.06	29.32	34.69	34.64	38.79	42.68
South Carolina	43.74	50.89	42.86	51.75	38.44	40.00	37.19	38.29	37.46	40.53	47.53
South Dakota			22.50	28.69	13.73	20.91	13.60	22.24	24.43	10.31	23.32
Tennessee					58.41	67.28	51.55	61.23	66.81	54.93	65.05
Texas	22.46	42.46	25.43	28.53	18.77	20.45	18.44	21.47	22.85	28.07	32.47
Utah			37.45	42.19	25.96	32.40	27.43	31.95	32.26	32.00	35.26
Vermont			44.51	56.19		46.35	30.57	38.15	47.04	41.02	42.81
Virginia	31.89	43.93			33.61	40.82	45.17	52.75	44.66	38.71	43.43
Washington			18.46	25.47	21.11	27.41	17.87	30.39	24.87	22.46	30.73
West Virginia	62.02	66.17	52.71	64.76	50.51	55.52	40.39	44.74	50.95	56.88	61.65
Wisconsin			33.96	47.45	30.84	30.26	35.72	39.92	33.45	34.46	40.14
Wyoming	58.18	57.73	41.77	47.88	37.37	49.17	39.41	48.96	46.58	45.40	51.31
					50.86	67.51	37.20	54.78	53.78	40.90	56.84

\* 10,000 to 30,000 population.  
 \* Largely estimated.

\* 20,000 to 100,000 population.  
 \* 10,000 to 25,000 population.

\* Does not include capital outlays or expense of debt service.  
 \* 25,000 to 100,000 population.

TABLE 78.—Combined summary of current expenses, outlays, and other payments for school purposes in the five groups of cities of 2,500 population and over, 1917-18.

States.	General control.			Expenses of instruction.				Expenses of operation.				Maintenance, repairs, replacement of equipment, etc.	Expenditures on auxiliary agencies.	Fixed charges, pensions, taxes, etc.	Total current expenses.	Outlay, capital, construction.	Expenses of debt service.	
	Business.	Educational.	Total.	Day schools.				Night schools.	Wages of janitors, cleaners, employees.	Fuel, water, light, power, janitors' supplies, etc.	Total.							Total.
				Salaries and expenses of supervisors.	Salaries and expenses of principals.	Salaries of teachers.	Text-books, stationery, supplies, and other expenses of instruction.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
U. S.	\$6,022,758	\$9,516,605	\$6,089,647	\$21,503,259	\$206,085,137	\$13,854,547	\$3,710,431	\$21,511,829	\$21,309,709	\$15,058,365	\$6,812,114	\$3,564,644	\$334,018,175	\$61,490,536	\$360,356			
Ala.	12,462	67,695	22,316	105,228	941,063	29,471	2,346	71,891	67,068	130,718	22,988	17,098	1,481,365	82,968	192,679			
Ark.	7,451	39,229	17,007	38,673	533,813	33,744	2,873	47,147	54,374	185,545	5,530	10,176	845,552	98,040	62,631			
Calif.	17,058	60,565	19,386	76,969	683,754	18,365	45,334	53,268	45,334	37,507	5,501	27,519	1,014,217	485,102	183,009			
Ill.	269,445	266,537	335,338	1,194,787	17,388,524	677,005	401,927	980,867	567,125	640,024	398,104	146,898	17,201,370	1,574,485	1,262,624			
Ind.	115,335	101,539	107,072	2,777,690	2,398,974	151,872	14,639	233,726	245,590	157,683	24,704	54,507	3,881,621	467,582	1,238,507			
Conn.	82,449	173,245	246,064	418,214	4,721,735	414,352	76,927	490,666	638,977	473,304	305,215	68,258	8,118,404	1,205,371	513,261			
Del.	5,158	16,094	25,219	112,490	1,724,758	127,431	42,414	184,430	6,216	166,032	54,028	14,494	2,904,615	48,403	30,812			
P. C.	27,877	27,040	17,615	171,641	1,865,325	71,822	3,872	41,917	47,499	60,992	23,241	14,704	1,158,413	279,256	624,037			
Okla.	11,628	16,213	16,213	173,641	1,865,325	71,822	3,872	41,917	130,500	80,992	15,226	35,396	2,548,017	386,612	40,963			
Texas	12,987	37,085	11,127	38,207	489,599	49,411	61,812	61,812	194,184	52,739	20,583	9,275	975,959	164,747	166,180			
Ill.	52,816	63,453	221,800	1,578,006	16,194,104	619,241	238,413	2,128,734	1,943,061	1,518,683	289,265	306,006	26,222,407	5,273,825	1,145,961			
Ind.	184,239	201,948	354,942	5,894,177	5,073,583	242,665	61,641	613,644	1,792,558	448,612	322,586	148,253	9,126,858	1,094,327	844,578			
Iowa	86,153	205,325	149,654	332,862	3,806,279	317,107	19,393	483,479	578,414	283,301	372,297	108,374	6,497,898	2,925,234	680,844			
Kans.	77,614	140,005	60,422	270,580	2,234,342	130,784	9,917	254,678	262,122	286,507	58,868	78,964	3,892,371	1,117,353	469,799			
Ky.	57,423	102,369	52,412	223,929	1,567,529	71,171	6,778	186,146	189,657	102,581	8,574	31,133	2,581,662	529,623	111,850			
La.	101,122	35,009	7,370	178,567	1,448,784	56,220	4,226	96,318	69,396	69,229	11,843	9,723	2,089,480	21,000	41,895			
Me.	8,880	81,161	66,335	27,540	1,260,976	134,630	13,366	73,752	259,059	91,177	72,354	23,743	2,184,784	27,436	11,602			
Mich.	39,799	58,000	17,354	214,760	1,901,233	118,194	18,053	189,337	157,820	38,784	48,784	11,804	2,784,784	27,436	11,602			
Miss.	380,440	665,149	468,635	1,438,281	15,065,783	1,223,373	346,130	1,677,685	1,949,817	1,214,372	776,576	263,797	25,318,012	3,670,070	2,789,008			

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mich.....	216,086	372,063	79,073	7,969,814	1,079,997	1,139,579	536,392	248,745	114,803	13,333,907	5,795,024	1,456,013
Miss.....	164,718	283,324	413,211	4,859,294	604,524	747,413	390,278	211,962	122,356	8,298,393	1,994,716	1,170,757
Miss.....	2,746	9,645	47,203	651,183	30,857	41,117	29,179	6,211	10,546	9,004,316	427,744	84,565
Mo.....	212,213	261,976	695,657	5,717,592	602,036	637,141	580,779	264,278	80,448	9,630,603	1,646,443	645,300
Mont.....	51,057	81,079	92,953	1,076,202	184,143	144,898	94,347	16,549	20,980	1,981,283	1,691,475	131,024
Neb.....	65,680	78,634	192,213	1,697,225	194,088	231,557	149,673	30,725	96,404	2,985,904	1,122,161	396,493
N.H.....	2,495	6,300	6,080	127,469	10,381	8,552	9,324	2,275	2,679	2,203,518	26,000	10,000
N.Y.....	2,495	19,008	12,645	126,135	1,189,161	1,029,935	57,270	39,240	11,363	1,437,228	27,436	101,288
N.Y.....	32,719	37,008	1,148,353	10,968,422	1,189,113	1,028,574	771,033	363,484	49,152	17,877,949	3,462,746	2,272,805
N.Y.....	7,198	19,168	45,672	309,148	29,637	38,553	61,421	7,274	7,736	349,465	179,465	70,063
N.Y.....	67,247	1,823,964	3,013,367	40,103,868	2,977,459	2,497,375	1,939,398	1,246,956	393,494	60,416,704	4,224,622	3,215,710
N.C.....	10,031	79,709	64,371	620,222	75,649	60,076	64,076	16,770	15,496	1,537,617	182,256	43,704
N.Dak.....	15,214	39,717	21,938	375,574	40,168	90,317	23,469	5,710	15,866	667,017	182,256	43,704
Ohio.....	612,037	1,229,269	1,229,269	13,546,525	1,026,742	1,744,245	1,117,102	435,321	357,107	22,563,192	7,273,065	3,686,400
Ola.....	58,197	119,597	214,670	1,646,689	175,749	157,640	85,953	24,322	63,919	2,665,704	901,993	659,418
Ore.....	108,859	46,671	182,304	1,946,188	184,837	174,823	103,146	12,252	21,684	2,939,578	627,455	298,774
Pa.....	969,031	960,239	1,735,481	17,342,908	2,108,733	1,704,672	1,309,935	629,149	456,464	20,960,247	5,103,054	6,312,672
R.I.....	44,008	78,021	60,543	1,929,056	250,913	249,379	233,740	101,946	11,667	3,282,018	351,292	239,792
R.I.....	8,540	46,184	46,184	575,634	22,550	44,198	27,431	14,876	9,034	844,082	10,574	80,114
R.I.....	18,061	40,309	44,262	473,148	67,179	111,818	64,851	7,497	3,831	899,348	309,247	242,364
Tenn.....	35,307	64,673	122,644	1,401,306	120,703	91,574	181,313	11,369	40,201	2,127,041	528,363	161,660
Tenn.....	66,400	261,079	446,877	4,201,090	325,546	268,018	212,806	92,196	78,590	6,281,476	1,535,725	815,465
Tenn.....	49,139	41,227	140,134	1,170,134	104,746	97,098	169,823	15,980	13,484	7,103,610	411,691	131,549
Tenn.....	5,028	48,522	48,522	570,084	68,643	126,338	64,839	15,180	11,584	7,103,610	534,869	80,918
Tenn.....	30,443	57,533	154,326	1,710,067	133,513	126,439	93,029	30,989	19,017	2,480,708	534,869	80,918
Tenn.....	114,468	124,294	371,772	3,520,529	390,400	307,017	258,258	196,573	34,459	5,759,123	1,293,351	783,916
W.Va.....	27,704	70,311	175,810	1,066,248	118,340	111,905	55,964	50,364	36,474	1,842,770	477,983	269,897
W.Va.....	27,704	237,172	466,075	4,433,408	467,350	792,558	457,739	149,944	104,537	7,794,785	1,994,345	976,630
Wyo.....	4,028	14,106	28,308	161,161	29,053	26,017	34,320	4,271	9,212	424,544	10,800	10,874

Estimates are included for the city school systems not reporting, as indicated in the following tables.



TABLE 79.—Summary of current expenses, outlays, and other payments for school purposes, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

States.	General control.		Expenses of instruction.						Expenses of operation.					Outlay, capital, and construction.	Total current expenses.	Fired charges, penalties, taxes, etc.	Expenses of debt service.
	Business.	Educational.	Pay schools.			Text-books, stationery, supplies, and other expenses of instruction.	Night schools.	Wages of and other employees.	Fuel, water, power, janitors' supplies, etc.	Maintenance, repairs, replacement of equipment, etc.	Fees, charges, penalties, taxes, etc.	Total current expenses.					
			Salaries and expenses of super- visors.	Salaries and ex- penses of princi- pals.	Salaries of teachers.												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
U. S.	\$3,289,789	\$3,252,778	\$1,309,000	\$11,581,168	\$105,162,261	\$6,065,630	\$2,870,437	\$9,963,552	\$7,712,873	\$6,780,057	\$3,253,568	\$1,425,363	\$162,666,467	\$21,667,408	\$11,581,946		
Ala.	5,810	8,450	11,961	44,396	433,331	14,839	1,671	41,793	27,153	41,704	8,721	639,849	33,070	135,713			
Ark.	214,784	121,960	136,138	651,947	6,328,479	254,496	296,457	476,063	291,001	284,656	189,142	59,813	9,285,545	799,764	908,809		
Calif.	66,713	21,357	16,624	121,540	1,226,177	68,753	12,628	89,510	99,975	78,957	12,967	35,033	1,836,155	237,727	908,809		
Conn.	37,908	18,873	68,675	128,680	1,166,094	106,974	19,948	123,716	3,068	108,003	27,919	7,753	1,963,951	52,873	30,291		
Del.	17,009	27,297	35,209	112,586	1,923,468	185,960	42,617	188,430	136,885	166,032	54,028	14,494	2,904,615	279,256	324,037		
Fla.	21,025	21,025	11,400	662,330	12,974	29,212	27,872	29,392	16,100	802,303	101,916	16,100	802,303	101,916	324,037		
Iowa	415,633	252,774	47,915	1,049,472	10,874,970	340,319	226,968	1,416,882	1,124,143	789,872	191,131	180,312	16,910,460	3,983,910	71,870		
Kans.	56,649	31,993	67,499	96,991	1,118,402	57,285	20,442	120,626	117,105	101,356	209,278	84,283	2,084,900	356,243	100,730		
Ky.	38,689	13,900	29,011	87,029	652,867	44,115	5,878	84,064	63,832	43,549	2,824	5,894	1,081,332	43,670	1,122,352		
La.	96,222	20,064	116,122	1,029,439	51,800	4,011	67,835	46,819	32,531	32,531	7,473	1,471,436	1,471,436	1,471,436	1,471,436		
Mass.	18,842	46,185	7,776	161,730	1,620,740	85,930	17,346	165,054	124,447	36,845	572	11,685	2,297,092	11,491	11,491		
Miss.	232,694	180,994	121,667	535,053	6,002,857	429,216	152,256	615,301	321,254	431,959	238,708	149,863	9,652,704	1,086,056	1,122,352		

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Miss.	70,418	108,268	69,760	410,416	8,685,125	179,409	143,755	511,764	289,019	125,238	21,675	10,615	5,611,440	2,372,107	613,455
Miss.	64,245	79,126	43,194	255,049	2,782,867	134,443	10,222	288,698	288,911	261,539	70,719	59,925	4,338,738	1,646,888	719,400
Mo.	168,812	130,743	97,210	447,820	4,199,361	295,798	129,996	474,925	426,457	427,918	245,236	54,755	7,062,419	1,236,197	471,065
Mont.															
Near	42,653	19,015	19,835	116,162	891,934	75,076	17,778	104,113	106,834	46,078	22,170	65,726	1,524,991	544,794	231,669
Nev.															
N. H.	110,345	112,845	71,266	416,911	4,012,516	261,998	154,942	363,926	265,734	194,566	145,927	22,161	6,162,358	1,474,927	691,891
N. Mex.															
N. Y.	500,637	1,371,638	1,111,778	4,404,725	33,246,277	1,756,599	1,079,830	2,265,234	1,490,000	1,467,496	942,077	165,990	48,792,281	2,657,553	775,790
N. C.															
N. Dak.															
N. Dak.	487,186	249,898	41,660	671,197	7,287,024	561,848	145,279	782,712	816,654	630,866	241,641	189,915	12,105,491	2,993,027	1,527,353
Ohio															
Ore.	96,818	28,772	19,365	126,624	1,883,940	44,409	33,202	122,635	108,814	69,626	6,148	12,632	2,051,335	390,815	82,446
Pa.	389,673	258,201	154,188	1,082,265	8,599,585	705,343	197,146	1,096,209	594,207	722,834	364,493	216,156	14,263,302	1,917,321	2,256,964
R. I.															
S. C.	26,375	20,076	33,481	32,312	931,480	60,191	27,620	117,638	110,096	100,782	29,254	1,653	1,493,948	46,004	196,460
S. Dak.															
Tenn.	17,544	17,862	21,467	40,732	805,094	27,632	477	68,154	47,076	135,682	6,417	19,802	1,227,900	345,213	135,562
Tex.															
Utah															
Vt.															
Vt.	8,686	12,179	18,220	58,767	561,861	27,177	27,286	46,876	44,572	26,367	14,811	5,754	874,448	66,502	194
Va.															
Wash.	65,215	46,194	26,104	220,259	2,051,155	194,659	53,097	228,333	171,660	158,336	156,516	11,333	3,393,061	1,076,471	395,293
W. Va.															
Wis.	33,978	43,630	31,107	181,102	1,965,002	87,448	60,851	142,680	232,435	237,514	59,805	14,850	2,790,402	612,572	530,016
Wyo.															

Table 49.—Summary of current expenses, outlays, and other payments for school purposes 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

States.	General control.		Expenses of instruction.						Expenses of operation.				Total current expenses.	Outlay, capital, acquisition, and construction.	Expenses of debt service.
	Business.	Educa-tional.	Day schools.			Night schools.	Wages of janitors and other employes.	Fuel, water, light, and other supplies, etc.	Main-tenance, repairs, replacement of equip-ment, etc.	Ex-cess of pension, utility agencies, etc.	Fixed charges, pensions, taxes, etc.				
			Salaries and ex-penses of super-visors.	Salaries of teachers.	Text-books, stationery, and other expenses of instruction.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
U. S.	\$332,512	\$1,022,414	\$1,135,229	\$3,556,964	\$333,084,519	\$2,477,578	\$494,538	\$3,754,282	\$3,648,017	\$2,577,722	\$1,050,870	\$602,335	\$54,533,774	\$12,843,013	\$8,159,870
Ala.	3,473	10,363	6,900	24,060	170,945	3,694		3,379	15,552	16,876	18,048	5,431	296,031	18,346	49,836
Ariz.	1,175	4,774	8,065	(1)	166,598			9,837	2,421	2,421	4,418	4,418	200,308	165,664	10,500
Ark.	27,788	27,002	23,517	159,044	1,570,062	115,085	62,477	146,637	87,301	119,731	46,854	40,251	2,425,969	142,638	254,991
Calif.	7,330	9,096	15,286	27,676	201,088	22,038	1,326	31,168	27,034	17,328	2,920	2,852	365,110	21,484	39,680
Conn.	8,226	25,910	73,322	144,334	1,271,587	120,773	39,715	136,501	164,856	163,322	59,497	23,418	2,231,611	744,586	286,435
Del.	3,858	10,433	6,000	19,750	277,225	21,965		79,322	(4)	(1)	392,765	48,403	392,765	48,403	21,988
D. C.	19,682	3,900	6,000	10,750	379,311		5,310	18,379	19,770	45,468	4,671	7,098	528,224	134,851	300,766
Fla.	4,636	21,804	9,775	61,387	439,844	29,541		24,262	64,130	16,530	10,248	8,474	692,631	148,608	28,583
Ill.	56,751	45,833	48,989	162,673	1,437,801	77,483	7,964	191,223	216,989	180,579	27,275	30,780	2,484,340	538,331	383,219
Ind.	27,479	27,303	76,127	132,880	1,154,982	30,478	8,879	144,433	159,537	103,276	73,643	8,771	948,088	215,081	36,812
Iowa	41,332	43,668	48,377	150,694	1,625,408	193,374	16,517	213,866	223,732	122,332	57,917	42,865	2,750,102	900,273	249,104
Kans.	3,384	22,002	12,794	83,978	724,560	51,320	8,739	84,772	103,903	132,484	34,525	23,363	1,318,054	194,333	125,221
Mich.	7,655	14,638	12,199	46,079	289,156	14,277		30,022	32,052	17,811	2,031	11,516	477,436	183,249	28,727
Mo.	(1)	3,060	(1)	(1)	225,195	6,254		25,680	15,712		936		276,867		
Nebr.	68,527	156,400	135,754	472,344	4,365,007	339,836	112,113	512,361	687,937	368,398	132,702	14,255	7,328,234	1,479,991	1,226,322

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mich.	52,065	48,853	57,241	128,245	1,293,462	94,927	18,024	144,217	185,760	73,435	71,513	40,771	2,207,213	830,469	277,866
Ill.	16,210	9,576	19,923	46,804	429,628	39,507	11,549	53,664	61,014	22,268	15,094	1,363	728,550	328,439	81,915
Ind.	19,513	15,516	11,650	28,361	461,981	43,720	61,578	81,578	46,206	44,963	5,084	4,444	743,918	152,903	156,106
Mo.	24,943	24,685	10,341	35,728	388,570	46,041	86,129	86,129	52,863	34,722	4,474	284	715,757	324,320	11,729
Nebr.	12,460	7,633	12,089	21,930	237,608	19,831	19,835	19,835	24,266	30,183	3,081	2,041	391,757	42,464	42,464
N. H.	1,823	8,873	7,370	31,123	172,438	20,796	2,907	16,508	25,020	3,212	3,651	1,868	286,228	606	27,120
N. J.	96,947	77,432	104,710	385,346	2,970,086	270,343	42,873	312,624	259,442	209,857	75,171	32,004	4,786,780	807,380	640,368
N. Mex.	64,598	96,717	83,475	288,281	2,680,187	146,726	53,438	282,887	345,154	157,046	126,285	72,468	4,387,212	712,470	812,048
N. Y.	6,000	6,036	1,354	10,750	80,028	5,632	370	7,471	3,139	3,340	46	.....	118,966	70,508	3,465
N. C.	29,111	38,997	30,912	178,983	1,808,630	94,990	2,132	234,923	249,136	142,278	26,569	66,834	2,903,115	1,455,357	572,822
Ohio	7,576	7,574	9,851	27,523	257,369	9,132	2,471	32,572	24,161	14,511	3,699	5,556	442,014	5,090	85,754
Ore.	177,308	97,081	121,870	286,452	2,813,667	390,020	26,626	357,859	357,913	192,449	106,376	88,194	5,005,815	1,623,123	1,528,688
Pa.	9,549	13,047	8,720	28,750	315,898	24,210	10,539	49,883	44,274	40,601	2,828	3,536	644,732	161,789	24,902
R. I.	1,577	3,506	3,185	16,309	94,135	2,784	1,492	2,860	4,941	7,828	8,577	5,994	151,359	9,780	.....
S. Dak.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tenn.	3,763	11,724	27,615	55,213	285,594	6,420	26,628	27,449	16,353	15,658	4,072	8,155	452,013	134,985	.....
Tex.	50,026	55,763	57,029	255,607	2,099,796	52,764	28,628	165,622	104,740	88,993	53,630	14,214	2,497,429	549,230	312,774
Ut.	22,041	12,245	21,840	76,583	666,303	77,807	1,775	65,539	43,950	110,201	1,869	4,844	1,106,687	86,701	77,060
Vt.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. Dak.	9,284	8,829	24,223	472,474	4,977	21,083	38,932	38,932	26,203	18,092	8,191	4,703	637,001	79,957	.....
Wash.	19,060	14,859	11,538	42,527	431,791	33,264	8,334	43,963	36,257	38,414	18,153	3,957	701,877	64,843	87,754
W. Va.	41,853	41,438	27,285	85,131	201,585	10,700	3,080	33,904	33,162	3,300	9,319	9,265	528,210	102,731	61,375
Wis.	10,491	25,415	84,926	59,008	539,036	64,445	12,021	61,211	105,102	41,064	30,781	8,731	1,012,231	67,571	30,305
Wyo.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Included in column 6.

Included in column 9.

Estimates are included for 4 city school systems not reporting expenditures.



TABLE 79.—Summary of current expenses, outlays, and other payments for school purposes, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.\*

States.	General control.								Expenses of instruction.						Expenses of operation.				Total current expenses.	Outlay, capital acquisition, and construction.	Expense of debt service.
	Business.	Educational.	Day schools.						Night schools.	Wages of janitors and other employes.	Fuel, light, water, heat, janitors' supplies, etc.	Maintenance, repairs, replacement, etc.	Ex. charges, auxiliary agencies, etc.	Fixed charges, rents, taxes, etc.							
			Salaries of super-visors.	Salaries of prin-cipals.	Salaries of teachers.	Text-books, stationery, supplies, and other expenses of instruction.	Salaries of teachers.	Salaries of janitors and other employes.							Wages of janitors and other employes.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
U. S.	\$787,325	\$1,674,251	\$1,343,661	\$3,057,733	\$29,226,744	\$2,370,938	\$294,946	\$3,983,863	\$2,495,774	\$316,905	\$590,652	\$50,064,947	\$10,263,074	\$7,040,108							
Ala.	1,529	10,228	3,240	19,457	109,355	3,972	450	7,391	11,996	1,550	552	178,091	28,552	4,500							
Ark.	2,001	10,034	6,330	9,680	160,498	5,922	450	11,042	3,658	277	1,719	223,328	43,681	18,000							
Cal.	6,000	11,620	3,623	32,872	226,660	9,778	40,890	18,818	7,850	3,054	9,828	3,36,599	226,491	30,984							
Calif.	31,871	71,420	18,458	138,558	1,409,880	137,014	40,890	197,133	120,065	50,323	22,768	2,985,636	620,708	393,483							
Colo.	15,862	11,437	13,333	26,085	246,996	13,735	675	22,127	9,107	4,921	3,757	402,735	3,878	41,000							
Conn.	30,374	56,813	59,157	109,352	1,196,114	96,721	15,737	123,471	102,380	46,039	20,106	2,016,086	193,952	184,005							
Del.	1,560	17,126	5,600	29,244	113,566	6,000	3,872	8,470	7,134	3,150	3,944	300,214		6,000							
D. C.	2,614	17,126	4,010	42,307	182,367	8,896	3,872	17,333	9,310	1,775	3,271	301,176									
Fla.	7,013	10,157	6,177	2,500	105,550	26,909	2,559	18,355	27,069	1,544	150	250,393	21,968	42,550							
Ill.	46,416	109,126	71,539	168,757	1,752,283	83,856	2,559	238,142	215,080	34,459	39,742	3,067,428	352,484	316,575							
Ind.	64,608	94,798	117,067	170,547	1,469,611	191,810	20,335	195,248	278,540	34,194	31,044	2,752,239	338,178	318,762							
Iowa.	27,914	31,631	37,359	96,221	997,450	74,690	2,412	119,196	92,863	14,777	28,988	1,717,952	853,302	152,361							
Kan.	19,019	31,064	23,937	69,556	475,187	26,918	651	58,280	45,617	7,453	17,001	837,113	271,549	101,394							
Ky.	2,597	15,294	6,447	20,675	162,474	6,353	225	19,841	14,587	1,466	4,346	272,917	3,322	745							
La.	5,300	21,372	28,100	37,815	272,760	3,389	7,707	25,408	6,108	6,528	1,575	294,999	22,540	23,856							
Mass.	6,658	2,910	4,657	22,132	132,488	13,882	15,401	11,153	10,890	9,994	4,377	317,376	11,193								
Mich.	27,862	131,681	108,608	218,183	2,356,494	214,791	31,760	278,530	202,161	114,805	19,167	4,069,233	431,352	190,461							

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mich.....	21,515	69,488	60,763	71,344	1,176,803	91,172	7,562	153,289	215,693	147,459	48,109	28,571	2,091,758	314,660	275,082
Miss.....	21,285	19,968	16,511	29,064	299,328	31,753	4,637	46,844	61,728	26,134	17,873	4,518	578,538	292,963	198,849
Mo.....	2,286	2,700	2,700	3,500	222,477	2,050	.....	13,780	13,506	10,801	2,800	6,835	285,065	33,125	33,125
N. C.....	3,244	14,064	5,790	20,800	196,180	13,724	.....	22,899	33,179	19,550	1,981	1,670	333,271	20,002	38,360
N. Dak.....	19,147	36,566	36,566	39,755	438,659	47,516	.....	71,945	39,952	7,337	7,337	13,629	818,203	158,949	92,675
Neb.....	500	2,560	3,650	5,678	57,463	11,098	.....	5,930	9,634	6,528	350	163	103,749	.....	6,320
Nev.....	3,400	6,300	6,300	9,000	63,460	5,275	.....	4,000	3,500	1,500	1,500	1,400	162,936	.....	.....
N. H.....	2,623	8,837	8,837	38,221	342,383	45,285	4,220	47,006	52,785	33,008	19,502	18,522	616,480	2,566	50,715
N. J.....	68,241	109,865	130,154	265,731	2,175,206	269,436	17,785	283,200	282,006	219,803	3,802	2,075	3,832,488	556,737	436,662
N. Mex.....	1,048	4,065	8,560	15,352	51,187	3,692	575	7,528	5,160	4,163	3,359	2,075	166,714	11,767	26,710
N. Y.....	38,039	168,513	106,924	205,763	2,257,708	149,916	22,646	236,214	350,992	183,390	113,270	78,840	3,912,815	576,520	767,632
N. C.....	3,940	19,040	5,226	27,171	373,066	7,039	1,076	36,480	29,682	18,490	11,239	6,921	539,380	189,442	134,735
N. Dak.....	6,680	9,565	10,486	12,786	164,031	13,586	1,199	20,360	50,781	13,806	2,453	4,258	310,013	131,637	16,960
Ohio.....	42,163	102,946	59,269	199,432	2,031,786	142,053	6,193	280,137	268,573	157,064	86,192	23,535	3,392,393	1,152,062	919,899
Okla.....	18,245	28,366	25,009	76,163	572,137	25,629	2,126	35,858	48,085	17,715	8,060	19,765	897,358	945,318	344,205
Oreg.....	4,000	4,000	108,000	4,500	108,000	4,500	.....	6,216	5,909	3,074	1,000	1,316	134,015	10,550	71,203
Pa.....	152,971	149,246	78,813	190,124	2,328,840	336,647	13,101	331,156	320,012	153,355	64,732	72,397	4,206,344	712,026	1,077,753
R. I.....	3,027	22,664	10,862	34,190	438,478	61,489	5,264	67,400	52,864	70,817	23,251	303	770,929	61,811	17,480
S. C.....	8,236	5,335	5,335	24,285	148,864	7,144	200	9,752	7,851	6,397	3,369	82	223,354	.....	6,110
S. Dak.....	7,537	11,388	13,283	21,500	170,520	12,284	42	21,122	47,050	11,946	4,925	925	322,722	1,074	41,925
Tenn.....	11,609	41,000	11,771	115,320	49,087	49,087	.....	3,379	2,534	2,014	12,107	590	52,364	.....	.....
Tex.....	49,188	845,185	11,771	115,320	845,185	11,771	.....	10,806	68,404	39,748	2,402	19,068	1,359,599	694,914	236,980
Utah.....	6,205	4,526	4,526	18,600	163,768	29,776	.....	18,731	37,133	9,843	2,185	1,706	245,532	217,540	12,700
Va.....	1,048	11,511	10,630	45,300	327,794	9,812	1,000	28,284	25,352	27,417	6,980	1,158	501,593	17,855	19,280
Wash.....	14,361	22,251	26,386	62,891	517,652	34,822	2,186	55,288	51,773	38,702	12,740	10,565	849,617	72,891	158,227
W. Va.....	6,620	14,761	12,837	30,119	326,039	18,748	3,570	31,642	29,640	16,947	13,233	11,532	514,808	234,312	105,301
W. Va.....	16,538	57,292	51,638	156,715	1,099,164	98,487	25,678	132,836	204,921	83,565	23,892	47,243	1,998,319	550,409	158,111
Wyo.....	1,091	1,704	3,205	8,676	51,920	5,313	1,363	5,855	5,060	7,155	631	1,595	93,978	.....	3,680

\* Estimates are included for 36 city school systems not reporting expenditures.

TABLE 79.—Summary of current expenses, outlays, and other payments for school purposes, 1917-18—Continued.  
GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

States.	General control.		Expenses of instruction.							Expenses of operation.				Fixed charges, penalties, auxiliary taxes, etc.	Total current expenses.	Outlays, capital acquisition, construction.	Expenses of debt service.		
	Business.	Edifices.	Day schools.				Night schools.	Wages of janitors and other employees.	Fuel, light, power, janitors' supplies, etc.	Maintenance, repairs, replacement of equipment, etc.	12	13	14					15	16
			Salaries of super- visors.	Salaries and ex- penses of prin- cipals.	Salaries of teachers.	Text- books, stationery, supplies, and other expenses of instruc- tion.													
U. S.	34,966,420	31,610,269	8716,256	41,708,738	319,134,076	31,476,743	863,210	32,242,024	32,740,919	81,500,795	1749,656	2494,184	323,942,419	86,384,837	84,463,963				
Ala.	975	12,735	215	11,247	90,464	4,174	5,881	5,481	6,511	450	1,172	139,345	20,218	2,487					
Ark.	2,922	19,804	8,110	18,773	288,627	18,664	2,423	27,597	36,028	44,122	4,086	6,752	477,638	18,670	52,164				
Ariz.	1,965	9,894	2,250	13,965	88,835	1,263	7,955	9,295	7,955	5,056	5,014	145,776	32,330	41,125					
Calif.	8,623	25,098	22,065	85,648	646,360	43,127	4,568	61,577	35,918	24,113	8,410	1,003,879	41,079	83,895					
Colo.	19,560	23,417	22,409	42,220	334,497	19,991	41,941	41,304	41,304	20,981	2,953	571,944	107,694	94,401					
Conn.	7,031	40,065	22,743	25,338	574,316	44,419	1,207	51,532	82,391	40,268	46,103	946,266	147,060	45,142					
Del.	1,200	13,160	6,075	28,075	135,625	2,500	7,350	13,235	15,478	1,750	2,500	390,153	52,500	9,385					
D. C.	2,032	29,214	2,430	24,482	273,961	12,589	13,235	13,235	15,478	1,213	3,810	391,300	46,266	7,780					
Fla.	2,808	15,740	4,960	18,452	166,200	8,471	832	10,094	23,182	12,379	19,089	393,156	20,218	57,675					
Ill.	21,869	108,940	37,184	55,274	1,128,290	69,440	632	154,955	147,250	142,349	16,213	24,892	635,573	22,448	18,740				
Ind.	16,207	70,675	35,249	106,124	767,224	30,901	2,030	94,322	134,036	61,640	9,440	14,832	386,273	87,139	132,151				
Iowa	3,846	21,743	12,147	12,147	322,021	22,838	527	40,327	52,648	20,970	2,962	3,621	552,152	156,134	63,288				
Kans.	9,217	35,065	9,001	40,060	482,179	26,968	527	58,762	90,227	43,230	6,414	18,416	785,946	291,967	130,950				
Ky.	4,089	25,968	2,955	19,254	215,221	4,327	1,200	18,151	22,755	10,145	1,320	5,009	350,465	168,983	61,466				
La.	4,970	2,080	10,120	10,120	75,375	39,856	5,480	6,000	1,500	25,000	24,946	13,225	125,645	71,000	28,300				
Mich.	2,132	24,479	17,508	17,508	362,839	6,103	6,434	44,036	96,129	31,621	1,162	1,668	725,445	35,265	12,644				
Miss.	21,965	108,629	61,428	124,014	1,596,436	157,039	8,738	194,362	263,173	110,391	140,637	13,798	2,900,494	539,562	262,120				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mich.	18,438	63,229	19,000	71,178	792,014	58,521	1,575	103,062	150,370	63,398	37,115	12,185	1,387,035	188,733	190,790
Ill.	40,918	62,546	44,098	57,831	794,670	86,330	8,024	140,068	220,994	52,637	74,866	50,724	1,028,883	618,916	132,327
Ind.	480	24,612	6,505	37,953	222,248	7,443	200	14,766	13,218	9,378	3,194	2,955	345,033	92,744	27,630
Mass.	9,772	39,233	13,286	36,316	424,827	27,668	200	51,220	89,922	37,267	6,303	10,508	715,022	296,508	97,639
Mo.	2,436	8,705	6,581	5,150	96,862	10,706	11,899	11,899	10,718	6,991	2,204	5,207	158,490	87,280	15,068
Ohio	6,265	23,519	12,647	27,106	286,778	48,580	00	36,042	41,355	52,163	3,149	12,079	560,333	448,117	47,662
Pa.	1,117	10,031	2,601	13,350	108,921	18,788	439	12,022	17,038	7,175	12,145	3,142	377,028	17,577	15,288
R.I.	30,886	82,437	60,166	98,850	1,068,243	99,303	3,060	114,412	118,038	87,457	40,180	13,410	1,788,928	507,028	266,871
S. C.	1,264	6,462	1,800	8,200	49,001	477	4,364	4,364	12,019	1,381	680	1,851	88,023	122,638	12,581
Tenn.	11,049	78,436	33,268	33,711	703,496	44,760	2,389	70,094	114,373	47,295	34,313	22,060	1,194,871	56,789	279,240
Tex.	7,144	22,990	2,900	13,450	288,973	4,400	00	17,870	23,218	16,076	3,254	3,254	376,945	57,786	95,583
Va.	2,224	10,212	2,900	101,580	6,145	6,145	00	6,408	11,736	5,733	766	2,654	163,768	12,369	9,444
W. Va.	29,553	114,217	67,016	102,227	1,455,400	77,926	36	173,886	277,782	96,925	47,540	65,972	2,437,292	631,565	907,286
Wis.	3,672	16,815	10,402	29,181	179,133	5,019	00	20,259	16,419	13,725	2,211	10,270	307,106	1,815	53,216
Wyo.	6,788	13,309	8,656	21,870	217,614	9,270	363	25,890	26,117	16,002	2,437	3,316	352,862	123,167	62,541
Over.	161,761	206,634	60,767	151,082	2,026,863	298,673	3,015	299,297	272,805	174,652	51,766	59,168	3,742,500	495,697	911,374
P. I.	2,255	17,047	7,760	14,089	190,202	18,688	2,901	28,392	34,659	16,625	28,743	8,312	366,343	81,688	1,250
E. C.	1,609	24,900	12,250	15,117	158,408	13,394	271	10,738	16,631	8,205	780	3,388	271,159	53,409	53,409
B. Dak.	6,474	12,403	8,656	15,117	158,408	13,394	271	22,457	34,768	12,250	1,990	1,990	1,963	141,413	39,816
Tenn.	1,100	9,892	678	13,420	104,157	1,195	00	9,159	8,129	6,264	890	2,512	158,703	4,900	4,900
Ill.	1,249	12,895	12,895	76,426	672,491	19,223	387	69,674	43,814	31,730	14,146	23,914	1,010,477	128,251	92,646
Ind.	2,650	11,857	9,949	16,423	66,942	12,423	00	6,954	6,171	8,750	543	68,712	123,792	69,751	16,751
Va.	1,200	11,720	9,980	9,980	188,685	17,423	250	18,226	27,436	10,168	21,601	2,521	275,710	13,133	13,133
Wash.	3,447	11,253	5,410	18,980	156,052	9,789	00	6,394	10,925	7,850	140	2,522	220,434	40,252	27,099
W. Va.	2,691	19,769	12,148	41,783	262,814	9,539	4,228	20,494	13,398	9,576	3,639	4,019	256,056	38,864	27,099
Wis.	9,340	41,455	22,569	57,553	619,484	44,963	7,503	65,000	125,705	16,200	10,512	8,127	404,028	10,290	70,221
Wyo.	2,611	9,612	1,800	10,932	107,190	15,722	375	16,712	12,356	17,523	2,809	1,133	972,542	115,915	07,901
															2,251

\*Estimates are included for 60 city school systems not reporting expenditures.





TABLE 79.—Summary of current expenses, outlays, and other payments for school purposes, 1917-18—Continued.  
GROUP V.—CITIES, TOWNS, AND VILLAGES OF 2,500 TO 5,000 POPULATION.

States.	General control.		Expenses of instruction.						Expenses of operation.						Fixed charges, pensions, taxes, etc.	Total current expenses.	Outlays, capital expenditures, construction.	Expenses of debt service.
	Business.	Educational.	Day schools.			Night schools.	Wages of janitors and other employes.	Fuel, light, power, janitors' supplies, etc.	Maintenance, repairs, replacement of equipment, etc.	Expenses of auxiliary agencies.	13	14	15	16				
			Salaries and expenses of supervisors.	Salaries of teachers.	Text-books, stationery, supplies, and other expenses of instruction.													
U. S.	\$310,771	\$2,866,763	\$385,501	\$1,506,756	\$19,457,337	\$1,473,658	\$17,906	\$2,130,216	\$3,015,538	\$1,735,017	\$411,415	\$33,790,266	\$3,031,066	\$4,345,760				
Ala.	375	25,900	7,028	127,868	2,502	675	5,947	9,941	43,631	2,940	1,222	228,049	3,000	150				
Ark.	2,328	9,391	2,567	84,678	9,688	.....	8,508	6,069	7,765	1,167	1,705	144,296	35,759	13,467				
Cal.	5,357	34,507	30,102	178,961	7,327	.....	14,788	18,062	12,177	1,375	8,259	311,534	7,627	51,000				
Conn.	7,179	20,057	22,362	638,734	57,284	1,305	99,417	57,772	91,439	33,541	15,654	1,500,541	300,576	89,966				
Del.	1,200	31,644	23,067	513,024	45,465	270	52,446	92,730	54,701	125,637	7,208	970,500	71,910	5,388				
D. C.	.....	.....	.....	46,800	5,646	.....	5,834	6,246	7,784	.....	3,281	84,280	.....	8,324				
Fla.	2,543	4,000	14,400	157,240	876	.....	8,908	11,764	6,740	14,626	1,182	222,540	800	39,016				
Ga.	.....	33,043	34,065	257,013	7,822	.....	14,970	17,491	7,752	2,000	4,000	340,599	88,730	.....				
Idaho.	3,118	11,188	17,255	217,840	11,941	.....	24,863	119,114	13,400	8,950	4,941	432,110	112,961	50,955				
Ill.	16,217	116,785	101,530	964,812	61,203	.....	127,432	163,736	176,838	20,217	23,303	1,812,608	163,248	187,845				
Ind.	18,386	65,088	39,000	78,530	14,511	255	56,514	99,380	26,875	6,041	8,423	977,343	96,902	111,023				
Iowa.	14,041	89,434	42,811	864,400	56,206	494	120,120	147,400	57,666	11,611	30,000	1,537,322	1,015,625	206,091				
Kans.	13,264	52,464	76,396	565,396	22,378	.....	57,864	59,152	72,176	10,444	20,184	961,518	389,804	132,264				
Ky.	4,383	32,541	50,992	227,808	2,049	.....	16,068	32,211	0,429	633	4,394	379,512	120,363	20,712				
La.	1,268	20,675	16,250	141,100	2,050	.....	6,975	14,050	7,860	5,315	6,675	194,690	20,000	10,000				
Me.	.....	.....	.....	32,430	5,470	.....	3,622	7,529	3,622	36,764	5,440	674,876	15,200	12,302				
Mich.	2,175	4,917	12,486	79,359	7,500	.....	5,867	14,531	5,053	.....	.....	3,760	3,760	.....				
Miss.	9,462	66,545	68,061	713,388	86,491	1,261	97,131	142,233	84,463	119,724	8,788	1,467,353	124,085	27,588				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mich.....	45,900	87,257	39,024	60,490	1,042,404	104,231	1,227	167,665	287,787	126,952	40,333	22,061	2,056,431	2,078,955	290,400
Miss.....	23,140	62,113	24,203	31,463	52,902	54,592	1,135	73,350	114,766	36,710	33,510	5,940	1,013,664	1,137,501	38,250
Mo.....	11,871	61,900	5,164	5,880	206,457	1,666	1,327	14,306	14,306	10,000	2,853	6,916	276,278	358,000	23,750
Mont.....	4,832	15,148	19,553	12,321	445,343	17,560	883	51,414	71,505	31,781	5,664	9,071	770,173	7,333	81,400
Nebr.....	4,062	26,807	7,156	21,137	223,525	23,212	883	14,270	20,000	13,682	2,534	1,850	270,853	20,916	11,662
Nev.....	1,806	6,000	.....	.....	63,509	7,206	.....	28,118	49,468	14,720	1,076	13,785	415,074	120,245	38,318
N. H.....	3,700	14,651	.....	17,109	63,816	4,381	.....	6,381	4,552	5,824	23,647	1,279	100,582	26,000	10,000
N. J.....	26,000	10,000	.....	31,315	184,816	23,627	278	19,345	33,645	11,675	23,647	4,433	336,924	6,705	8,156
N. Mex.....	4,881	16,213	5,808	27,080	202,471	20,700	1,800	91,051	88,130	62,130	43,724	9,311	1,317,705	61,656	218,000
N. Y.....	32,317	108,680	31,370	70,957	1,308,200	60,151	681	123,000	208,850	84,161	51,011	44,141	2,119,525	225,300	590,000
N. C.....	4,347	28,642	2,700	13,000	198,155	4,755	.....	13,828	11,622	10,170	2,491	8,954	267,520	104,650	18,875
N. Dak.....	6,300	13,940	.....	.....	109,963	11,128	1,640	13,000	28,007	3,870	33,559	11,321	223,236	59,250	17,300
Ohio.....	24,510	101,520	29,804	77,420	965,645	62,418	.....	137,084	182,100	100,690	100,690	1,724,901	1,046,034	271,130	
Okla.....	29,705	66,842	11,386	81,762	598,060	27,555	.....	67,060	69,175	40,002	10,352	18,328	1,019,226	49,570	176,440
Oreg.....	5,573	20,900	7,814	34,000	236,734	11,636	.....	30,186	34,983	12,483	2,667	4,700	401,666	132,923	77,584
Pa.....	87,368	189,077	9,623	36,556	1,573,833	247,170	533	194,212	213,933	126,645	41,792	31,520	2,742,286	335,187	597,673
R. I.....	4,302	4,787	.....	6,502	53,600	4,781	280	4,620	7,596	5,015	17,910	843	105,866	.....	20,535
S. C.....	26,700	.....	.....	.....	139,015	4,500	1,650	9,200	15,175	5,000	2,150	198,190	.....	.....	.....
S. Dak.....	4,660	16,318	5,727	7,645	144,223	12,541	.....	18,600	30,000	40,635	1,273	1,043	282,675	166,760	160,823
Tenn.....	2,900	23,715	.....	13,288	144,477	2,100	.....	12,222	17,452	2,805	.....	9,082	228,041	48,165	21,288
Tex.....	15,848	12,228	4,455	12,220	32,099	15,144	.....	15,144	31,020	25,264	12,723	21,627	1,068,231	269,310	172,126
Va.....	2,240	24,004	17,423	28,324	205,448	37,624	.....	33,676	66,816	40,458	11,346	7,200	521,768	43,467	28,068
W. Va.....	6,663	11,063	2,100	15,966	159,863	2,010	483	10,537	19,367	13,363	29,367	4,880	247,272	192,333	40,536
Wash.....	12,405	39,238	1,097	27,115	363,879	22,641	1,976	42,322	33,729	13,230	5,525	4,615	558,272	30,282	115,553
W. Va.....	9,440	24,215	9,815	18,757	185,800	6,400	300	17,000	16,080	18,117	11,300	7,300	335,721	70,320	30,000
Wis.....	7,081	69,480	14,443	11,687	596,718	52,264	192	65,213	124,195	45,901	15,351	18,776	1,021,301	317,878	180,207
Wyo.....	1,220	2,850	2,500	2,700	77,161	5,226	.....	6,386	11,232	9,042	15,732	3,144	122,723	1,220	4,904

\* Estimates are included for 364 city school systems not reporting expenditures.

TABLE 80.—Combined summary of expenses of instruction in public day schools for the four groups of cities of 5,000 population and over, 1917-18.

States	Salaries and expenses of supervisors.						Salaries and expenses of principals.					
	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.		Elementary (including kindergartens and elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.		
	2	3	4	5	6	7	8	9	10			
United States.....	\$54,041	\$3,788,682	\$557,824	\$88,019	\$4,504,213	\$15,085,574	\$4,139,700	\$467,216	\$19,904,536			
Alabama.....	660	19,109	2,547		22,316	79,222	19,878		99,300			
Arizona.....		12,960	1,460		14,440	20,803	7,650		28,453			
Arkansas.....		13,738	2,219		15,957	37,847	9,020		46,877			
California.....	3,565	241,896	34,300		279,761	862,840	225,085	4,140	1,092,186			
Colorado.....	1,800	61,292	4,546		67,637	174,644	51,862	1,025	227,531			
Connecticut.....	3,002	302,808	16,683	1,434	223,897	313,596	79,571	14,547	407,714			
Delaware.....		35,209			35,209	70,022	31,243	10,731	112,566			
District of Columbia.....		17,675			17,675	50,719	22,750	3,600	77,069			
Florida.....	550	15,365	300		16,215	102,676	30,300	6,600	139,576			
Georgia.....		11,127			11,127	13,334	7,618		20,952			
Idaho.....	1,010	181,592	22,700	255	205,557	1,258,985	191,662	23,529	1,476,176			
Illinois.....	3,308	256,060	50,454	6,100	315,942	384,015	111,840	9,792	505,647			
Indiana.....	5,637	86,378	13,738		105,753	208,524	46,708	3,850	259,662			
Iowa.....		44,870	969		45,732	138,035	55,159		194,194			
Kansas.....	1,190	46,859	2,083	470	50,612	124,728	40,788	5,511	173,037			
Kentucky.....		6,200			6,200	13,422	2,626		19,248			
Louisiana.....		4,300			4,300	13,102	2,499		19,899			
Maine.....		11,153	3,000		14,153	161,120	37,669	8,465	207,254			
Maryland.....	2,787	351,699	69,197	3,555	427,478	983,448	356,367	52,769	1,389,574			
Massachusetts.....		162,453	22,963	5,665	209,754	478,619	184,774	17,800	679,288			
Michigan.....	2,750	114,845	4,080	1,440	123,724	267,329	89,257	5,162	381,748			
Minnesota.....		8,405	9,900		18,305	27,003	14,450		41,453			
Mississippi.....	3,138	112,996	7,743	4,068	127,955	425,765	97,532	10,540	533,857			
Missouri.....	1,000	48,627	3,800		53,427	98,227	12,404		80,131			

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Nebraska.....	2,397	34,259	2,915	45,921	124,055	42,210	1,830	171,076
Nevada.....	.....	6,400	.....	6,300	15,000	2,400	.....	9,000
New Hampshire.....	845	17,121	1,743	19,809	54,040	28,046	.....	82,085
New Jersey.....	514	336,724	24,628	264,426	812,492	279,655	24,691	1,110,839
New Mexico.....	.....	5,850	4,530	10,360	18,776	4,770	.....	23,552
New York.....	.....	249,320	69,732	353,512	3,819,379	991,392	130,602	4,942,303
North Carolina.....	.....	6,079	1,011	7,600	38,514	12,857	.....	51,371
North Dakota.....	.....	9,021	4,375	13,396	10,200	2,467	.....	12,786
Ohio.....	4,300	152,754	21,603	181,857	728,131	196,368	21,925	1,151,859
Oklahoma.....	1,200	39,046	5,016	45,282	109,239	23,628	.....	132,867
Oregon.....	.....	18,702	7,045	27,051	103,227	34,919	10,248	148,394
Pennsylvania.....	1,200	367,924	43,903	413,638	1,345,579	321,907	24,857	1,692,343
Rhode Island.....	1,283	33,726	5,494	40,543	28,477	30,804	.....	169,341
South Carolina.....	.....	5,426	5,306	10,732	10,732	10,732	.....	21,464
South Dakota.....	.....	20,233	5,300	25,533	25,947	12,840	.....	38,377
Tennessee.....	.....	20,875	10,905	49,777	92,457	15,749	1,150	109,356
Texas.....	.....	78,546	3,722	81,788	352,831	91,586	.....	444,417
Utah.....	.....	27,892	1,639	29,831	91,901	14,056	.....	105,957
Vermont.....	.....	15,454	2,872	17,841	10,790	9,398	.....	20,178
Virginia.....	592	23,553	4,073	28,850	118,871	26,273	3,216	138,360
Washington.....	.....	61,719	13,499	79,438	284,782	76,615	3,200	344,657
West Virginia.....	.....	32,986	14,774	47,370	90,492	76,561	.....	157,033
Wisconsin.....	840	90,070	31,095	140,578	315,147	89,391	49,860	454,868
Wyoming.....	.....	4,006	1,000	5,006	18,938	6,650	.....	25,488

\* Includes estimates as indicated in following tables.

\* Includes \$20,637 not itemized.

\* Includes \$211,980 not itemized.

TABLE 80.—Combined summary of expenses of instruction in public day schools for the four groups of cities of 5,000 population and over, 1917-18—Continued.

States.	Salaries of teachers.					Textbooks, supplies, and other expenses of instruction.					
	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Vocational schools.	Other schools.	Total.	Elementary (including kindergartens and elementary grades in junior high schools).	Secondary (high).	Vocational schools.	Other schools.	Total.
11	12	13	14	15	16	17	18	19	20	21	
United States.	\$2,822,618	\$132,233,170	\$44,899,057	\$1,633,639	\$2,321,506	\$186,607,600	\$4,223,443	\$1,401,854	\$333,709	\$203,004	\$12,390,889
Alabama	3,451	607,871	201,873			813,095	29,977	3,992			25,969
Arizona	7,205	351,848	87,375	2,700		483,128	16,915	6,085	1,046		24,056
Arkansas		331,660	153,433			485,093	8,494	2,628			11,038
California	460,284	6,490,327	3,494,262	9,807		10,454,700	308,622	241,687		612	550,321
Colorado	71,257	1,350,947	673,175	2,634	9,846	2,007,759	80,081	29,914	3,119	1,286	124,409
Connecticut	99,328	3,059,872	946,839	64,039	37,333	4,206,111	284,153	76,555	20,280	1,899	368,897
Delaware		1,294,956	558,883	20,539	49,580	1,923,458	176,317	8,407	193	1,043	21,805
District of Columbia		516,051	94,851	18,000		628,902	7,600	600			8,500
Florida	17,643	7,796,853	267,561	115,175	1,300	1,548,312	40,753	12,415	10,120	710	64,000
Georgia		175,457	96,322			271,759	23,655	13,815			37,470
Idaho	41,509	11,836,036	3,107,967	2,299	103,481	15,211,292	364,445	158,968		32,098	538,335
Illinois	10,135	2,805,104	1,316,302	64,536	13,136	4,511,223	169,985	65,721	11,790		287,494
Iowa	10,084	1,808,871	747,476	18,221	42,828	2,634,399	129,637	55,424	2,043	826	267,904
Kansas	13,391	1,219,022	446,716			1,681,956	74,837	33,540			108,406
Kentucky	33,920	956,010	313,234	8,890	37,159	1,339,721	48,473	14,279	2,598	3,729	69,072
Louisiana	2,620	1,024,821	244,479	14,204	21,558	1,339,721	44,431	45,385	1,627	587	53,190
Maine	12,137	620,378	235,677	1,800	11,200	889,392	50,204	27,719	1,018	217	79,160
Maryland	20,988	1,445,672	356,977		17,524	1,840,941	68,023	41,378		1,281	110,984
Massachusetts	165,625	9,944,344	3,896,503	178,548	166,574	14,322,394	696,496	388,826	39,572	11,986	1,136,862
Michigan	374,863	4,180,682	2,035,520	46,716	207,199	6,837,414	201,410	107,295	3,171	11,519	415,029
Minnesota	194,047	2,851,893	1,214,012	49,783	28,257	4,308,492	182,617	108,273	1,976	1,337	294,203
Mississippi	7,000	256,746	140,979			444,723	5,808	3,595			9,403

Missouri.....	219,066	1,378,841	13,767	157,012	5,272,249	267,064	87,682	15,752	370,828
Montana.....	13,120	182,023			981,112	71,297	32,946		104,283
Nebraska.....	78,254	330,965		3,530	1,473,700	50,732	52,017	724	154,580
Nevada.....	2,800	23,810		719	63,940	1,400	1,976		5,374
New Hampshire.....	4,317	194,633			623,432	2,398	30,480		84,878
New Jersey.....	199,555	2,854,378	66,932	186,408	10,106,031	687,568	215,492	13,218	921,610
New Mexico.....	600	32,726			106,798	15,169	1,000		4,169
New York.....	12,048	7,175,222	430,075	434,765	38,887,668	1,470,268	494,283	108,268	2,007,621
North Carolina.....	179,931	187,264			722,487	9,655	1,105		13,071
North Dakota.....	277,799	85,644			265,611	13,087	9,656		22,743
Ohio.....	24,110	2,849,043	61,278	334,367	12,562,440	481,284	198,517	11,156	870,777
Oklahoma.....		209,327			1,048,639	24,597	15,403	24,547	40,000
Oregon.....	6,267	452,517	63,968	29,748	1,709,454	30,024	16,945	9,308	58,179
Pennsylvania.....	44,340	3,792,983	141,002	209,300	15,769,055	1,216,267	455,802	26,447	1,730,583
Rhode Island.....	79,865	403,922	2,523	27,571	1,876,084	107,078	43,527	168	154,587
South Carolina.....	540	99,031			36,519	9,538	4,488		14,286
South Dakota.....		116,045			324,925	19,357	6,321		23,678
Tennessee.....	2,422	172,738		4,270	1,286,919	9,733	4,207		15,177
Texas.....	27,048	1,121,219		6,260	3,800,422	96,184	24,658		48,059
Utah.....	3,650	131,014			560,982	20,984	11,872		119,872
Vermont.....		94,210			271,624	22,625	7,898		20,823
Virginia.....	13,612	262,865	1,602	20,939	1,560,214	42,481	9,923	5,673	58,710
Washington.....	19,480	991,276		55,107	3,156,650	155,619	113,930		272,534
West Virginia.....	169,399	259,548		73,559	890,444	28,510	10,777		38,287
Wisconsin.....		1,006,048	238,976	238,976	3,836,690	136,248	85,836	59,756	285,245
Wyoming.....		169,751			159,100	13,272	7,743	13,415	21,035
		49,349							

Includes estimates as indicated in following tables.

Includes \$2,887,610 not itemized.

Includes \$218,279 not itemized.

TABLE 81.—Summary of expenses of instruction in public day schools, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

States.	Salaries and expenses of supervisors.					Salaries and expenses of principals.				
	Kinder-garten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.	Elementary (including kindergartens and elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.	
1	2	3	4	5	6	7	8	9	10	
United States.....	\$23,944	\$1,092,040	\$118,490	\$62,749	\$1,309,000	\$8,999,369	\$2,057,946	\$351,428	\$11,581,168	
Alabama.....		10,257	1,704		11,961	38,930	5,466		44,396	
Arkansas.....		118,949	16,729		135,678	522,415	125,392	4,140	651,947	
California.....	1,800	14,824			16,624	94,400	26,115	1,025	121,540	
Colorado.....	1,500	67,175			68,675	106,990	12,275	9,425	128,690	
Connecticut.....	( <sup>1</sup> )	35,309			35,309	70,922	31,243	10,731	112,586	
Delaware.....		( <sup>1</sup> )			( <sup>1</sup> )		6,000	4,800	11,400	
District of Columbia.....		39,865	8,050		47,915	925,245	103,908	20,318	1,049,472	
Florida.....		62,299	1,200	4,000	67,499	81,581	13,410	2,000	96,991	
Georgia.....										
Idaho.....	1,180	26,752	589	470	29,011	61,777	19,741	5,511	87,029	
Illinois.....		4,776	3,000		7,776	106,352	6,144	3,626	116,122	
Indiana.....		94,585	23,398	2,531	121,687	134,946	18,319	8,445	161,730	
Iowa.....	1,175				1,175	408,009	113,103	33,921	555,033	
Kansas.....	6,796	55,719	1,825	5,900	69,750	303,762	94,471	12,763	410,416	
Kentucky.....	200	41,554		1,440	43,194	203,917	45,970	5,162	255,049	
Louisiana.....										
Maine.....										
Maryland.....										
Massachusetts.....										
Michigan.....										
Minnesota.....										
Mississippi.....										

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Missouri.....	3,138	88,302	1,712	4,058	97,210	367,037	70,223	10,550	447,820
Montana.....									
Nebraska.....	1,700	14,280	2,555		18,535	87,516	26,816	1,830	116,162
Nevada.....									
New Hampshire.....									
New Jersey.....	61,796		6,700	2,900	71,396	259,677	138,980	21,244	416,911
New Mexico.....									
New York.....		77,744	21,152	12,882	111,778	3,426,062	857,384	121,279	4,404,725
North Carolina.....									
North Dakota.....									
Ohio.....	2,900	29,150	6,410	3,200	41,660	359,216	85,381	24,175	671,197
Oklahoma.....									
Oregon.....		12,901	4,790	704	18,385	92,252	24,024	10,248	126,524
Pennsylvania.....	1,200	139,844	9,553	3,361	154,188	907,338	132,584	22,328	1,052,265
Rhode Island.....	1,283	29,597	2,601		33,481	11,807	20,545		32,312
South Carolina.....									
South Dakota.....									
Tennessee.....		8,618	962		21,467	36,580	2,983	1,150	40,723
Texas.....									
Utah.....									
Vermont.....									
Virginia.....	592	15,533	1,363	632	18,220	48,449	7,082	3,216	58,757
Washington.....		27,785	4,989	4,220	36,104	171,069	46,390	2,810	220,259
West Virginia.....									
Wisconsin.....		14,286		16,821	31,107	146,999	23,403	10,700	181,102
Wyoming.....									

\* Includes \$11,907 not itemized.

\* Includes \$272,425 not itemized.

\* Included in column 3.

\* Included in column 12.

\* Included in column 16.



TABLE 81.—Summary of expenses of instruction in public day schools, 1917-18—(Continued).

GROUP I.—CITIES OF 100,000 POPULATION AND OVER—Continued.

States.	Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.						
	11	12	13	14	15	16	17	18	19	20	21	Total.	
												Elementary (including kindergarten grades in junior high schools).	Secondary (high).
United States.....	\$1,617,106	\$75,456,811	\$22,783,616	\$1,070,815	\$2,019,941	\$105,162,261	\$4,003,687	\$1,482,832	\$228,000	\$109,881	\$6,065,630		
Alabama.....		330,397	102,954			433,351	14,143	696			14,839		
Arizona.....													
Arkansas.....	288,164	3,996,334	2,027,961		6,120	6,328,479	148,238	105,664			254,485		
California.....	66,935	1,822,636	329,348	2,584	3,724	1,225,177	53,432	10,969	3,119	1,283	68,735		
Colorado.....													
Connecticut.....	54,526	777,745	252,299	47,621	33,904	1,166,084	66,838	21,732	16,568	1,856	106,974		
Delaware.....	( )												
District of Columbia.....		1,294,966	586,363	20,539	49,580	1,923,458	176,317	8,407		1,643	185,960		
Florida.....		477,080	69,425	105,875		652,330	1,974	1,000	10,000		12,974		
Georgia.....													
Idaho.....													
Illinois.....		8,487,964	2,220,033		136,892	10,874,899	198,047	109,751	5,677	32,511	340,319		
Indiana.....		769,266	314,379	34,407	330	1,118,402	42,158	9,450			57,285		
Iowa.....													
Kansas.....													
Kentucky.....	22,896	444,271	155,945	8,880	20,875	652,967	30,058	9,454	2,698	1,895	44,115		
Louisiana.....	(*)	850,182	143,663	14,206	21,358	1,020,439	43,901	5,765	1,627	567	51,800		
Maine.....													
Maryland.....	20,898	1,301,096	281,242	92,003	17,524	1,629,700	58,407	26,242	27,349	1,281	85,930		
Massachusetts.....	44,277	4,113,298	1,586,645		155,006	6,006,957	288,859	132,214		10,764	420,210		
Michigan.....	259,121	2,128,063	1,087,398	34,405	177,148	3,685,125	130,759	29,802		9,818	170,409		
Minnesota.....	124,150	1,827,529	772,543	39,973	18,672	2,782,867	85,949	47,335		1,099	134,443		
Mississippi.....													

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Missouri.....	218,086	2,737,848	1,062,548	13,767	157,012	4,189,291	293,908	66,126	15,732	285,786
Montana.....	70,445	609,924	208,052		3,330	891,951	43,894	30,458	724	75,076
Nebraska.....	23,340	2,813,170	1,006,574	27,229	142,223	4,012,516	197,761	69,931	8,821	281,968
Nevada.....										
New Hampshire.....										
New Jersey.....										
New Mexico.....										
New York.....	169,295	26,805,785	5,705,189	322,420	412,783	33,246,277	1,233,594	404,992	91,333	24,490
North Carolina.....										
North Dakota.....										
Ohio.....	6,287	934,364	349,533	63,898	29,718	1,383,940	21,599	11,900	9,308	44,499
Oregon.....	21,012	6,494,098	1,813,789	59,870	141,016	8,399,585	526,320	154,157	17,473	705,343
Pennsylvania.....	48,076	636,733	218,612	2,523	25,470	801,480	35,692	22,305	168	60,191
Rhode Island.....										
South Carolina.....										
South Dakota.....										
Tennessee.....		222,403	68,054		4,270	825,094	4,470	1,925		27,632
Texas.....										
Utah.....										
Vermont.....	13,612	462,376	87,792	1,602	16,479	581,861	17,479	4,333	633	27,177
Virginia.....	17,643	1,371,563	613,737		38,212	2,051,155	114,315	77,434		194,659
Washington.....	139,434	1,038,599	320,632	117,315	49,022	1,965,002	37,925	11,088	30,743	87,448
West Virginia.....										
Wisconsin.....										
Wyoming.....										

\* Includes \$192,510 not itemized.

† Includes \$2,213,882 not itemized.

‡ Included in column 12.

BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 81.—Summary of expenses of instruction in public day schools, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

States.	Salaries and expenses of supervisors.				Salaries and expenses of principals.				
	Kinder- g. atten.	8	4	5	Total.	Elementary (including kinderg. and junior high schools).	Secondary (high).	Other schools.	Total.
United States.....	\$12,429	\$971,877	\$134,000	\$116,914	\$1,135,259	\$2,924,571	\$865,549	\$46,814	\$3,556,934
Alabama.....	690	5,440	800		6,900	15,200	4,900		24,000
Arizona.....		8,065			8,065	135,942	23,102		159,044
Arkansas.....	1,905	21,612			23,517	135,942	23,102		27,676
California.....		12,996	2,270		15,266	21,064	6,612		
Colorado.....						109,084	30,128	5,122	144,334
Connecticut.....	512	99,915	11,461	1,634	73,322				(-)
Delaware.....		6,000			6,000	11,810	7,950		19,760
District of Columbia.....		9,776			9,776	65,337	6,080		61,257
Florida.....									
Georgia.....									
Idaho.....		46,855	1,870	255	48,980	132,584	28,478	1,411	162,673
Illinois.....	600	62,304	11,063	2,100	76,127	108,309	16,819	7,792	132,940
Indiana.....	1,600	44,497	2,300		48,397	123,224	24,010	3,490	150,904
Iowa.....		12,794			12,794	60,411	23,567		83,978
Kansas.....						38,486	7,034		45,520
Kentucky.....									
Louisiana.....									
Maine.....									
Maryland.....	1,612	120,004	12,516	1,024	135,164	369,300	86,359	18,025	473,544
Massachusetts.....									
Michigan.....	1,560	48,192	7,294	165	57,241	88,358	33,800	4,127	126,345
Minnesota.....	1,750	15,764	2,419		19,923	40,237	6,567		46,804
Mississippi.....									

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Missouri.....	11,479	171	17,650	20,057	9,304	29,361
Missouri.....	9,041	300	10,341	31,022	4,704	35,726
Nebraska.....	12,089		12,089	17,884	4,066	21,955
Nevada.....	7,370		7,370	27,723	3,400	31,123
New Hampshire.....	96,750	6,600	104,710	285,051	46,848	335,346
New Jersey.....						
New Mexico.....						
New York.....	69,454	14,460	83,475	232,701	50,470	288,221
North Carolina.....	1,654		1,584	9,200	1,550	10,750
North Dakota.....						
Ohio.....	30,912		30,912	148,637	29,608	178,993
Oklahoma.....	5,388	3,263	9,651	23,813	3,710	27,523
Oregon.....						
Pennsylvania.....	100,885	13,278	121,870	220,636	63,588	284,452
Rhode Island.....	6,716	2,004	8,720	25,162	3,588	28,750
South Carolina.....	2,928	259	3,185	14,108	2,206	16,300
South Dakota.....						
Tennessee.....	17,652	40,083	27,615	46,487	6,726	55,213
Texas.....	58,807	3,222	57,029	212,728	42,569	258,667
Utah.....	19,801	1,668	21,940	66,227	10,308	76,683
Vermont.....						
Virginia.....						
Washington.....	10,457	1,081	11,538	33,007	9,070	42,527
West Virginia.....	9,470		22,286	30,451	64,700	85,151
Wisconsin.....	19,132	15,794	24,929	43,486	9,361	50,008
Wyoming.....						

\* Estimates are included for 4 city school systems not reporting.

\* Included in column 16.

TABLE 81.—Summary of expenses of instruction in public day schools, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.—Continued.

States.	Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.				
	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.	Elementary (including kindergartens and elementary grades in junior high schools).	Secondary Vocational (high).	Other schools.	Total.	
											11
United States.....	\$501,656	\$23,704,128	\$7,911,153	\$350,041	\$190,316	\$83,084,519	\$1,624,233	\$735,911	\$20,713	\$2,407,578	
Alabama.....	3,451	128,338	47,956			179,945	2,676	1,308		3,984	
Arizona.....		117,068	49,630			166,698					
Arkansas.....	80,858	961,154	525,165		2,885	1,570,062	67,914	47,252	10	115,085	
California.....		137,142	57,522		6,122	201,086	13,974	8,064		22,038	
Colorado.....											
Connecticut.....	13,500	961,639	276,530	17,018	2,600	1,271,587	92,048	19,013	9,712	120,773	
Delaware.....											
District of Columbia.....											
Florida.....	14,100	341,906	37,405			379,311				29,541	
Georgia.....		323,443	101,001		1,300	425,744	21,940	6,891	710		
Idaho.....	14,795	1,114,203	319,915	2,269	6,890	1,457,801	62,682	14,614	187	77,483	
Illinois.....	55,385	773,373	289,632	26,554	9,738	1,154,682	17,227	7,178		20,378	
Indiana.....	34,144	1,121,354	410,137	18,221	41,552	1,625,408	46,310	62,665	826	169,374	
Iowa.....	4,446	675,637	143,779		828	724,590	34,429	17,691		51,850	
Kansas.....											
Kentucky.....	10,583	220,365	51,474		6,784	289,156	10,281	2,079	1,917	14,277	
Louisiana.....											
Maine.....	87,485	3,042,528	1,143,074	83,369	9,151	4,365,607	211,896	110,876	12,102	335,856	
Maryland.....											
Massachusetts.....	35,617	913,686	302,869	13,111	17,269	1,263,462	56,869	31,745	142	94,927	
Michigan.....	23,640	328,663	77,207			439,629	24,571	14,968		39,507	
Minnesota.....											

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mississippi.....	9,400	350,176	111,895	481,981	34,006	9,714			43,720
Missouri.....		304,628	71,342	385,570	24,356	21,665			46,041
Montana.....			18,571	237,508	12,161	7,670			19,831
Nebraska.....		218,987							
Nevada.....		124,510	47,928	172,438	9,863	10,902			20,765
New Hampshire.....	53,100	2,254,324	624,060	2,970,036	210,738	51,729	7,763	113	270,343
New Jersey.....									
New Mexico.....									
New York.....	6,499	1,997,418	590,534	2,690,187	105,440	28,385	12,599	302	148,728
North Carolina.....		65,598	17,430	80,028	4,262	1,570			5,632
North Dakota.....									
Ohio.....	37,618	1,325,407	440,225	1,806,630	88,586	36,364			94,960
Oklahoma.....	17,010	208,404	73,955	287,369	6,790	3,372			9,152
Oregon.....									
Pennsylvania.....	17,130	1,998,044	700,499	2,818,667	249,033	119,133	9,148	12,708	300,030
Rhode Island.....	15,460	729,805	86,835	318,185	19,461	6,800		998	24,219
South Carolina.....		77,782	15,353	86,135	2,462	322			2,784
South Dakota.....									
Tennessee.....	2,422	225,555	57,614	285,591	5,038	1,382			6,420
Texas.....	22,188	1,376,711	607,647	2,009,794	37,986	14,774			52,764
Vermont.....		846,730	125,664	646,813	87,275	20,532			77,807
Virginia.....									
Washington.....		391,001	76,413	472,474	18,056	2,086	941		21,088
West Virginia.....	1,837	297,159	129,127	431,791	17,832	16,388		44	33,264
Wisconsin.....		220,548	81,047	301,565	6,355	4,345			10,700
Wyoming.....		263,041	105,614	599,056	30,856	30,457	2,303	849	64,445

\* Includes \$21,806 not itemized.

\* Includes \$277,228 not itemized.

\* Estimates are included for 4 city school systems not reporting.

TABLE 81.—Summary of expenses of instruction in public day schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.<sup>11</sup>

States.	Salaries and expenses of supervisors.						Salaries and expenses of principals.				
	Kindergarten.	Elementary (including kindergarten grades in junior high schools).			Secondary (high).	Other schools.	Total.	Elementary (including kindergarten grades in junior high schools).	Secondary (high).	Other schools.	Total.
		2	3	4							
United States.....	\$14,955	\$1,114,334	\$205,791	\$3,221	\$1,343,061	\$2,217,836	\$793,039	\$40,278	\$3,057,733		
Alabama.....		3,240			3,240	13,577	5,880		19,457		
Arizona.....		6,330			6,330	7,430	2,250		9,680		
Arkansas.....		4,343			4,343	28,062	4,840		32,902		
California.....	1,200	84,790	1,319		86,309	143,176	52,380		138,556		
Colorado.....		12,968		12,121	25,089	29,300	6,795		36,095		
Connecticut.....	980	55,113	3,064		59,157	83,061	20,301		109,352		
Delaware.....											
District of Columbia.....		5,400			5,400	27,044	3,400		30,244		
Florida.....	550	3,160		300	4,010	32,107	8,400	1,800	43,307		
Georgia.....											
Idaho.....		6,177			6,177	129,003	2,500		131,500		
Illinois.....	1,010	61,147	9,302		71,459	117,067	35,484	3,180	153,721		
Indiana.....		92,410	22,033		114,443	127,405	43,142		170,547		
Iowa.....	4,037	41,841	11,438		57,316	79,542	10,309	370	80,221		
Kansas.....		23,300			23,300	55,721	14,152		69,556		
Kentucky.....		3,921	524		4,445	14,400	6,275		20,675		
Louisiana.....		5,349	990		6,339	23,170	12,945		36,075		
Maine.....		25,644	3,456		29,100	15,628	13,364	2,820	31,812		
Massachusetts.....		4,577			4,577	13,682	8,420		22,102		
Michigan.....	1,994	43,669	10,040		55,703	139,095	76,275	2,213	236,293		
Minnesota.....	1,800	14,741	970		17,511	42,283	20,051		62,334		
						18,311	10,700		29,011		

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mississippi	2,710	1,945	2,710	2,000	1,700	3,500
Missouri	3,825	3,500	5,740	14,000	5,700	20,900
Montana	33,005		36,506	32,056	7,700	39,756
Nebraska	2,953		3,650	4,278	1,600	5,878
Nevada	6,360		6,360	6,000	2,400	9,000
New Hampshire	6,150	1,742	8,897	20,276	17,945	38,222
New Jersey	120,402	8,738	130,140	215,159	60,822	246,961
New Mexico	4,100	4,380	4,840	15,470	1,876	16,346
New York	77,080	29,085	106,024	112,808	62,802	206,763
North Carolina	4,225	1,011	5,236	22,124	5,947	27,171
North Dakota	6,121	4,375	10,496	10,200	2,487	12,786
Ohio	46,911	6,358	52,269	153,196	46,296	199,492
Oklahoma	27,256	1,753	25,000	61,735	14,428	76,163
Oregon	60,015	17,785	78,813	133,156	59,188	199,124
Pennsylvania	10,009	673	10,682	30,413	3,771	34,180
Rhode Island	2,560	2,795	5,355	18,346	5,000	24,285
South Carolina	11,933	1,350	13,283	15,700	5,800	21,500
South Dakota						
Tennessee	11,771		11,771	88,622	28,700	115,322
Utah	4,344		4,344	14,100	2,800	18,000
Vermont	7,906		7,906	7,328	3,023	10,349
Virginia	7,020	2,710	10,630	31,900	13,700	45,600
Washington	20,557	5,829	26,386	48,132	14,739	62,901
West Virginia	12,194	743	12,937	20,494	9,026	30,119
Wisconsin	39,563	10,526	51,038	98,817	37,576	136,413
Wyoming	2,215	1,000	3,215	6,976	1,700	8,676

<sup>a</sup> Estimates are included for 47 city school systems not reporting. <sup>b</sup> Includes \$6,360 not itemized. <sup>c</sup> Includes \$6,560 not itemized.





TABLE 81.—Summary of expenses of instruction in public day schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.—Continued.

States.	Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.						
	KINDERGARTEN.	ELEMENTARY (including elementary grades in junior high schools).			SECONDARY (high).	VOCATIONAL.	OTHER SCHOOLS.	TOTAL.	ELEMENTARY (including kindergartens and elementary grades in junior high schools).	SECONDARY (high).	VOCATIONAL.	OTHER SCHOOLS.	TOTAL.
		11	12	13									
United States.....	\$472,517	\$19,996,176	\$8,434,472	\$143,815	\$99,359	\$29,226,744	\$1,604,413	\$722,397	\$28,096	\$13,385	\$2,370,938		
Alabama.....	81,725	27,610	101,235	191,428	191,428	3,528	444	3,972	444	.....	.....		
Arizona.....	147,148	13,350	160,498	.....	.....	5,102	210	5,312	.....	.....	.....		
Arkansas.....	132,162	77,498	209,660	.....	.....	7,647	2,120	9,767	.....	.....	.....		
California.....	37,751	1,197,116	654,111	902	.....	73,493	64,132	137,614	.....	.....	.....		
Colorado.....	4,322	1,164,210	78,467	.....	.....	8,901	4,834	13,735	.....	.....	.....		
Connecticut.....	27,108	875,626	292,064	.....	716	71,907	24,790	96,721	.....	.....	.....		
Delaware.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
District of Columbia.....	.....	75,720	19,246	19,600	.....	5,190	600	5,790	.....	.....	.....		
Florida.....	3,543	126,426	43,118	9,340	.....	6,127	2,649	8,776	.....	.....	.....		
Georgia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Illinois.....	23,959	64,392	41,158	.....	.....	105,550	19,550	125,100	.....	.....	.....		
Indiana.....	52,182	1,246,085	381,029	.....	.....	1,752,283	84,741	1,837,024	.....	.....	.....		
Iowa.....	21,416	960,557	431,754	1,200	2,918	1,449,011	85,069	1,534,080	.....	.....	.....		
Kansas.....	2,010	674,546	300,311	.....	1,177	997,430	24,281	1,021,711	.....	.....	.....		
Kentucky.....	.....	312,999	190,188	.....	.....	475,157	21,607	496,764	.....	.....	.....		
Louisiana.....	115,890	40,614	156,504	.....	.....	192,474	5,985	208,459	.....	.....	.....		
Maine.....	2,920	74,096	24,670	.....	.....	202,570	710	203,280	.....	.....	.....		
Maryland.....	9,616	188,361	78,631	.....	9,840	273,698	23,385	307,083	.....	.....	.....		
Massachusetts.....	26,351	1,468,667	654,923	2,876	.....	2,354,194	131,640	2,485,834	.....	.....	.....		
Michigan.....	53,083	648,529	375,116	.....	9,651	1,176,843	57,188	1,234,031	.....	.....	.....		
Minnesota.....	26,493	157,442	110,461	1,530	.....	299,326	19,213	318,539	.....	.....	.....		

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Missouri	144,837	77,640	222,477	1,050	1,000	2,000
Missouri	144,837	51,504	196,180	9,438	4,286	13,724
Missouri	344,456	110,693	458,659	36,235	11,281	47,516
Nebraska	39,114	16,769	57,463	8,879	2,284	11,083
Nevada	37,550	23,810	63,980	3,400	1,976	5,376
New Hampshire	220,941	116,508	342,381	26,102	16,183	44,285
New Jersey	1,952,215	960,676	2,175,378	202,279	67,557	269,836
New Mexico	36,712	13,483	51,197	2,662	1,060	3,682
New York	1,568,868	661,838	2,237,708	100,830	46,840	149,670
North Carolina	263,980	109,077	373,086	5,433	1,600	7,033
North Dakota	121,171	42,860	164,181	9,742	3,550	13,292
Ohio	1,367,729	654,563	1,263,781	110,279	31,774	142,053
Oklahoma	394,432	170,605	572,137	15,384	10,435	25,820
Oregon	73,590	32,670	108,000	1,500	3,000	4,500
Pennsylvania	1,073,253	618,745	2,328,840	227,272	100,711	331,647
Rhode Island	317,207	164,842	438,478	38,180	13,309	51,490
South Carolina	116,646	32,218	148,864	5,286	1,848	7,134
South Dakota	112,715	57,865	170,520	8,623	3,661	12,284
Tennessee	78,847	3,290	42,087	5,578	1,494	11,072
Texas	561,863	268,710	843,115	20,246	9,438	29,684
Utah	120,002	54,186	163,768	11,000	4,400	15,400
Vermont	183,680	50,657	138,657	11,000	3,404	9,612
Virginia	262,032	75,762	327,794	6,384	3,404	9,612
Washington	313,849	200,486	517,652	16,365	18,426	34,822
West Virginia	244,099	81,070	326,039	14,924	3,824	18,748
Wisconsin	653,749	331,690	1,000,184	45,808	24,375	69,447
Wyoming	36,196	15,724	51,920	3,400	1,913	5,313

Includes \$2,657 not itemized.

Includes \$91,424 not itemized.

Included in column 12.

Estimates are included for 47 city school systems not reporting.

Includes \$91,424 not itemized.

TABLE 81.—Summary of expenses of instruction in public day schools, 1917-18—(Continued).  
GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

States.	Salaries and expenses of supervisors.						Salaries and expenses of principals.			
	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.	6	7	8	9	10
United States.....	82,813	\$610,431	\$89,517	\$135	\$710,256	\$1,073,798	\$623,293	\$5,666	\$1,708,738	
Alabama.....		172	43		215	7,515	3,772		11,287	
Arizona.....		6,682	1,450		8,132	13,373	5,400		18,773	
Arkansas.....		1,350	900		2,250	9,745	4,190		13,935	
California.....		16,605	5,460		22,065	61,327	24,221		85,548	
Colorado.....		20,484	1,925		22,409	29,880	12,340		42,220	
Connecticut.....		20,605	2,138		22,743	14,471	10,897		25,368	
Delaware.....										
District of Columbia.....		6,075			6,075	16,875	11,200		28,075	
Florida.....		2,430			2,430	15,222	9,250		24,472	
Georgia.....										
Idaho.....		4,950			4,950	13,324	5,118		18,442	
Illinois.....		23,225	3,146		26,371	11,465	32,462		47,927	
Indiana.....		36,001	16,258		52,259	66,462	36,468		102,930	
Iowa.....						5,758	6,389		12,147	
Kansas.....		8,776	225		9,001	23,100	17,540		40,640	
Kentucky.....		1,955	1,080		3,035	12,104	7,148		19,252	
Louisiana.....		900			900	8,070	1,544		9,614	
Maine.....		20,747	5,048		25,795	13,462	12,056		27,518	
Maryland.....		1,720			1,720	12,492	5,940		18,432	
Massachusetts.....		52,130	9,298		61,428	63,364	60,030		124,014	
Michigan.....	423	14,873	3,794		19,090	42,784	27,892	1,680	71,178	
Minnesota.....		42,756	1,360		44,116	21,811	26,020		50,831	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mississippi	5,765	940	6,605	27,003	12,044	37,853
Missouri	9,390	3,895	13,285	24,071	12,245	36,316
Montana	6,381		6,381	5,150		5,150
Nebraska	8,917	360	12,647	14,397	9,728	27,108
Nevada						
New Hampshire	3,641		3,641	6,450	5,700	13,150
New Jersey	57,276	2,890	60,166	65,425	33,125	98,550
New Mexico	1,800		1,800	5,300	2,900	8,200
New York	24,240	9,028	33,268	17,618	16,093	33,711
North Carolina	900		900	7,190	6,290	13,480
North Dakota	2,900		2,900			
Ohio	45,781	9,835	57,016	67,112	35,115	102,227
Oklahoma	10,402		10,402	23,691	5,190	28,881
Oregon	5,801	2,855	8,656	10,975	10,835	21,810
Pennsylvania	57,591	3,187	60,778	81,549	66,533	127,311
Rhode Island	7,454	306	7,760	11,050	3,000	14,050
South Carolina						
South Dakota	8,394	3,930	12,324	8,107	7,010	15,117
Tennessee	675		675	7,390	6,030	13,420
Texas	12,988		12,988	51,481	21,817	73,298
Utah	3,047		3,047	9,574	1,280	10,854
Vermont	7,518	2,362	9,880	3,154	6,375	9,529
Virginia				7,920	2,070	9,990
Washington	2,917	2,500	5,417	12,354	6,125	18,481
West Virginia	10,732	1,416	12,148	29,847	12,236	42,083
Wisconsin	17,689	4,775	22,464	30,846	19,651	50,497
Wyoming	1,500		1,500	11,982	4,950	16,932

v Estimates are included for 93 cities not reporting.

o Includes \$3,370 not itemized.

p Includes \$2,981 not itemized.

TABLE 81.—Summary of expenses of instruction in public day schools, 1917-1918—(Continued).  
GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.—Continued.

States.	Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.				
	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.	Elementary (including kindergartens and elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.
United States.....	\$181,249	\$12,068,055	\$5,769,815	\$88,968	\$21,910	\$19,134,076	\$991,110	\$490,684	\$12,107	\$1,525	\$1,470,743
Alabama.....	67,161	294,700	23,303	2,700	90,464	2,630	1,544	1,046	4,174	18,694	
Arizona.....	7,265	74,022	74,022	2,700	288,627	11,753	5,895	1,046	1,262	43,327	
California.....	23,521	62,430	26,405	2,075	646,379	19,108	24,019	8,940	19,801	19,801	
Colorado.....	23,521	337,723	287,125	107,538	331,497	13,754	6,147	29	44,419	44,419	
Connecticut.....	4,195	444,562	125,446	113	574,316	33,300	11,030	29	44,419	44,419	
Delaware.....	88,425	190,934	28,200	74,017	130,625	2,500	1,875	2,500	12,500	12,500	
District of Columbia.....	190,934	111,045	55,154	244,399	1,126,269	40,975	15,565	13,660	30,901	30,901	
Florida.....	2,755	577,154	201,137	2,075	707,226	17,241	8,940	8,940	22,838	22,838	
Georgia.....	2,108	270,205	107,292	144,748	322,021	13,898	9,147	9,147	20,968	20,968	
Iowa.....	5,324	330,481	144,748	144,748	432,179	17,821	1,258	1,258	4,327	4,327	
Kansas.....	0,945	175,323	59,201	237,224	237,224	3,069	1,258	1,258	4,327	4,327	
Kentucky.....	500	49,275	20,100	75,375	75,375	26,821	11,799	1,018	217	29,855	
Louisiana.....	2,321	275,965	100,873	1,800	352,669	26,821	11,799	1,018	217	10,872	
Maryland.....	36,514	51,139	36,514	1,400	87,453	3,888	6,384	6,384	157,639	157,639	
Massachusetts.....	7,532	1,119,453	469,551	469,551	1,596,430	94,073	62,966	62,966	157,639	157,639	
Michigan.....	27,142	490,404	270,147	1,200	792,011	42,574	15,947	1,976	58,221	58,221	
Minnesota.....	15,735	517,539	244,711	8,510	794,670	52,544	33,463	1,976	38,520	38,520	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mississippi.....	7,000	151,900	63,339	17,714	4,634	222,248	4,848	2,395	7,434
Missouri.....		271,847	152,980			424,827	19,742	7,856	27,598
Montana.....		86,883				86,883	10,708		10,708
Nebraska.....	4,229	117,534	87,593			286,778	25,798	11,075	48,580
Nevada.....		76,392	30,189			108,591	5,463	3,365	18,798
New Hampshire.....		68,477	26,838			105,315	73,478	28,215	99,693
New Mexico.....		31,710	17,241			46,406	477		477
New York.....		463,487	217,681	17,714	4,634	703,496	28,415	14,057	44,380
North Carolina.....		308,226	180,743			298,973	28,260	1,908	30,168
North Dakota.....		38,780	42,800			101,580	3,345	3,800	9,145
Ohio.....	41,322	944,619	499,239			1,455,400	56,999	20,927	77,926
Oklahoma.....		124,366	54,767			179,133	3,423	1,386	5,019
Oregon.....		147,974	70,314			217,514	6,925	7,345	9,270
Pennsylvania.....	6,198	1,506,035	499,930	12,013	2,767	2,026,963	213,462	81,841	236,573
Rhode Island.....		168,370	21,632			190,002	17,475	1,213	18,688
South Carolina.....	540	113,868	51,460			194,520	1,780	2,318	4,298
South Dakota.....		108,163	38,240			156,405	10,734	2,660	13,394
Tennessee.....		60,317	43,830			104,167	225	900	1,125
Texas.....	4,320	435,311	232,600			672,491	15,690	3,733	19,223
Vt.....		88,477	45,542			134,019	12,463	5,798	12,463
Virginia.....	1,330	128,197	42,888			188,085	738	100	17,423
Washington.....		108,126	47,926			156,052	7,107	2,682	9,789
West Virginia.....		166,283	96,361			262,641	7,231	2,608	9,839
Wisconsin.....	9,471	291,379	188,122	22,656	1,910	513,468	21,619	19,316	44,965
Wyoming.....		73,535	33,625			107,180	9,472	5,850	15,722

\* Includes \$11,307 not itemized.

\*\* Includes \$106,079 not itemized.

† Estimates are included for 83 cities not reporting.



TABLE 82.—Combined summary of taxation, bonds, sinking funds, expenses of debts service, and value of school properties in all cities of 2,500 population and over, 1917-18.

State	Taxation.				Bonds and sinking funds (thousands of dollars).				Expenses of debt service.						Value of school properties (thousands of dollars).				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	School systems reporting	Assessed valuation of property (thousands of dollars)	True value of property (thousands of dollars)	Ratio of assessed valuation to true property value	Amount derived from tax on property	Average rate of taxation for all school purposes (mills per dollar)	School systems reporting	Amount	Other forms of debt	Total amount in sinking funds	Current funds	Sinking funds	Issue of new bonds	Payments to sinking funds	Redemption of short-term loans	Payment of interest on indebtedness	Refunds		
U. S.	1,300	1,944,195,256,929,081,348	75,830,997,090,5,091,293	86.5	333,811	2.69	82,854,431	2,085,1,060,1,673,324,20,489	1,311,460	25,000	48,489,384	44,489,238	81,936,851	84,938,667	85,694,067	814,633,004	8318,208	81,258,983	5,039
Ala.	10	215,747	421,116	51	1,054,994	2.51	8	32,455	2,085	1,311	25,000	75,900	75,900	67,776	47,000	77,733	120	5,039	
Ark.	8	136,967	253,967	59	878,274	3.73	13	13,285	1,060	460	1,000	1,000	2,000	2,000	4,256	75,248	200	3,362	
Calif.	13	80,400	187,785	44	912,844	9.7	11	14,285	1,673	2,924	99,000	99,000	78,278	78,278	4,256	39,625	200	5,151	
Ill.	40	1,748,708	3,022,238	58	14,274,224	7.2	41	24,181	3,294	24,953	790,178	38,000	46,532	20,235	20,235	110,732	5,797	56,864	
Iowa	21	535,994	545,368	68	3,510,357	6.4	18	20,489	3,476	734	38,000	46,532	20,235	20,235	20,235	110,732	5,797	10,570	
Mass.	34	1,169,800	1,309,005	89	6,537,122	5.4	18	94,087	1,984	1,684	136,175	48,000	207,000	25,167	25,167	270,327	684	28,935	
Mich.	1	87,459	37,459	100	440,783	5.04	1	3,765	10	623	136,175	48,000	207,000	25,167	25,167	270,327	684	28,935	
Wis.	1	414,811	618,822	67	2,048,178	3.31	4	14,517	51,739	1,161	70,000	12,500	14,000	72,334	525,706	119,191	40,000	13,052	
Wyo.	4	72,691	108,831	67	591,368	5.43	7	49,625	2,198	1,120	10,000	12,500	14,000	6,000	15,000	19,183	40,000	13,052	
Okla.	17	624,670	683,785	62	2,002,806	2.93	7	49,625	2,198	1,120	10,000	12,500	14,000	6,000	15,000	19,183	40,000	13,052	
Idaho	6	45,513	66,477	66	419,307	3.31	7	11,910	191	950	315,292	9,000	9,000	22,683	4,805	78,490	3,371	2,212	
Ind.	51	1,360,329	4,401,777	32	28,050,276	3.7	75	820,833	6,131	6,900	16,000	16,000	16,000	30,227	158,337	418,927	12,052	109,407	
Iowa	56	751,255	1,643,357	46	8,546,325	3.24	37	81,000	2,792	9,843	257,709	75,000	75,000	26,256	217,748	288,245	8,096	33,530	
Kent.	31	170,791	733,374	23	7,089,152	9.65	33	81,000	2,792	1,018	46,000	65,000	221,900	26,000	15,121	388,158	8,337	22,074	
La.	28	489,685	538,213	88	4,021,147	2.0	33	47,167	2,344	4,230	34,065	140,047	140,047	126,338	17,966	215,011	6,022	13,062	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	No. of cities	Total enrollment	Total enrollment per city	Total enrollment per pupil	Total enrollment per teacher	Total enrollment per school	Total enrollment per district	Total enrollment per county	Total enrollment per city	Total enrollment per county	Total enrollment per city	Total enrollment per county
Ky.	20	373,576	441,285	1,607,593	64	1,607,593	64	1,607,593	64	1,607,593	64	1,607,593
La.	6	304,244	518,994	1,384,982	67	1,384,982	67	1,384,982	67	1,384,982	67	1,384,982
Me.	16	192,563	260,463	796,234	10	796,234	10	796,234	10	796,234	10	796,234
Md.	3	823,194	288,164	2,542,942	17	2,542,942	17	2,542,942	17	2,542,942	17	2,542,942
Mass.	115	4,198,708	4,330,996	22,211,804	27	22,211,804	27	22,211,804	27	22,211,804	27	22,211,804
Mich.	53	2,349,469	3,108,217	15,109,704	86	15,109,704	86	15,109,704	86	15,109,704	86	15,109,704
Minn.	33	363,184	1,512,892	7,639,245	10	7,639,245	10	7,639,245	10	7,639,245	10	7,639,245
Miss.	10	734,163	1,777,474	7,988,783	70	7,988,783	70	7,988,783	70	7,988,783	70	7,988,783
Mo.	38	734,024	1,471,403	7,138,094	85	7,138,094	85	7,138,094	85	7,138,094	85	7,138,094
Mont.	9	118,084	261,180	1,502,877	75	1,502,877	75	1,502,877	75	1,502,877	75	1,502,877
Neb.	16	82,811	418,035	3,118,797	50	3,118,797	50	3,118,797	50	3,118,797	50	3,118,797
N.H.	10	164,216	165,498	981,741	93	981,741	93	981,741	93	981,741	93	981,741
N.J.	50	2,067,169	2,527,550	16,066,302	36	16,066,302	36	16,066,302	36	16,066,302	36	16,066,302
N.Y.	2	21,221	23,046	194,408	44	194,408	44	194,408	44	194,408	44	194,408
N.C.	89	10,894,249	11,427,167	59,307,015	19	59,307,015	19	59,307,015	19	59,307,015	19	59,307,015
N.D.	16	148,810	412,179	372,711	29	372,711	29	372,711	29	372,711	29	372,711
N.Dak.	4	14,689	57,203	331,644	30	331,644	30	331,644	30	331,644	30	331,644
Ohio	81	4,475,978	4,696,961	21,677,848	89	21,677,848	89	21,677,848	89	21,677,848	89	21,677,848
Okla.	17	212,482	271,556	2,215,308	16	2,215,308	16	2,215,308	16	2,215,308	16	2,215,308
Oreg.	11	342,751	497,457	2,389,974	80	2,389,974	80	2,389,974	80	2,389,974	80	2,389,974
Pa.	161	3,764,335	4,720,731	27,144,835	73	27,144,835	73	27,144,835	73	27,144,835	73	27,144,835
S.C.	15	769,838	1,400,522	3,113,575	13	3,113,575	13	3,113,575	13	3,113,575	13	3,113,575
S.Dak.	8	46,983	140,522	414,752	93	414,752	93	414,752	93	414,752	93	414,752
Tenn.	9	292,599	560,157	2,852,242	77	2,852,242	77	2,852,242	77	2,852,242	77	2,852,242
Texas	37	807,277	1,193,204	3,765,493	16	3,765,493	16	3,765,493	16	3,765,493	16	3,765,493
Utah	6	229,565	235,267	1,381,746	87	1,381,746	87	1,381,746	87	1,381,746	87	1,381,746
Vt.	11	78,567	102,267	541,662	30	541,662	30	541,662	30	541,662	30	541,662
Va.	13	375,055	545,065	1,712,016	14	1,712,016	14	1,712,016	14	1,712,016	14	1,712,016
Wash.	19	445,856	894,818	3,930,174	21	3,930,174	21	3,930,174	21	3,930,174	21	3,930,174
W.Va.	14	285,098	317,731	1,956,638	16	1,956,638	16	1,956,638	16	1,956,638	16	1,956,638
Wis.	1	1,135,288	1,214,464	6,732,573	34	6,732,573	34	6,732,573	34	6,732,573	34	6,732,573
Wyo.	4	43,960	52,874	214,465	6	214,465	6	214,465	6	214,465	6	214,465

1 Not including 44,935,268,000 as estimated for cities not reporting this item. 2 Not including 246,332,644 as estimated for cities not reporting this item. 3 Not including 23,633,900 as estimated for cities not reporting this item.





TABLE 83.—Summary of taxation, bonds, sinking funds, expenses of debt service, and value of school properties, 1917-18.

GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

States	Taxation						Bonds and sinking funds (hundreds of dollars)						Expenses of debt service						Value of school properties (thousands of dollars)	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		19
	School systems reporting	Assessed valuation of property (thousands of dollars)	True value of property (thousands of dollars)	Ratio of assessed valuation to true	Amount derived from tax on prop-	Average rate of taxation for all school	School systems reporting	Amount	Other forms of debt	Total amount in sinking funds	School systems reporting	Current funds	Sinking funds	Issue of new bonds	Payments to sinking funds	Redemption of short-term loans	Payments of interest on indebtedness	Returns		
United States	51	267,731,813,824,888,089	70,816,572,829	4.74	12,355	3.17	1	4983,809,546,811,137,207,806,019,811	90	1,811	1	25,000	618,849	1,67,776	1,67,776	821,672,65,728,830	1,67,837	847,781,6017,264	1,666	
Alabama	1	104,000	189,091	55	567,040	3.17	1	12,355	90	1,811	1	25,000	618,849	1,67,776	1,67,776	821,672,65,728,830	1,67,837	847,781,6017,264	1,666	
Arkansas	1	104,000	189,091	55	567,040	3.17	1	12,355	90	1,811	1	25,000	618,849	1,67,776	1,67,776	821,672,65,728,830	1,67,837	847,781,6017,264	1,666	
California	2	1,203,778	2,073,723	50	9,314,272	4.58	3	142,011	1,318	1,318	3	618,849	449,891	48	449,891	449,891	449,891	48	38,444	
Colorado	1	331,091	331,091	100	1,854,110	5.60	3	19,420	1,318	1,318	3	618,849	449,891	48	449,891	449,891	449,891	48	4,870	
Connecticut	3	399,064	369,477	99	2,223,914	6.02	3	19,420	1,318	1,318	3	618,849	449,891	48	449,891	449,891	449,891	48	4,870	
Delaware	1	414,613	618,822	67	2,048,178	3.31	1	47,209	1,318	1,318	1	44,080	44,080	6,467	523,636	23,824	401	7,838	7,838	
Florida	1	188,434	314,056	60	971,442	2.83	1	47,209	1,318	1,318	1	44,080	44,080	6,467	523,636	23,824	401	7,838	7,838	
Georgia	1	188,434	314,056	60	971,442	2.83	1	47,209	1,318	1,318	1	44,080	44,080	6,467	523,636	23,824	401	7,838	7,838	
Idaho	1	102,050	3,189,880	23	19,388,464	6.13	1	894,852	1,318	1,318	1	894,852	894,852	1,318	1,318	1,318	1,318	1,318	1,318	1,318
Illinois	1	202,468	426,830	65	1,767,686	4.30	1	28,398	1,318	1,318	1	30,733	30,733	30,733	30,733	30,733	30,733	30,733	30,733	30,733
Indiana	1	202,468	426,830	65	1,767,686	4.30	1	28,398	1,318	1,318	1	30,733	30,733	30,733	30,733	30,733	30,733	30,733	30,733	30,733
Iowa	1	202,468	426,830	65	1,767,686	4.30	1	28,398	1,318	1,318	1	30,733	30,733	30,733	30,733	30,733	30,733	30,733	30,733	30,733
Kansas	1	202,468	426,830	65	1,767,686	4.30	1	28,398	1,318	1,318	1	30,733	30,733	30,733	30,733	30,733	30,733	30,733	30,733	30,733

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Kentucky	1	229,027	220,620	100	866,356	8.80	1	9,673											4,047
Louisiana	1	337,937	490,169	75	1,181,665	2.63	1	17,333											4,318
Maine	1	84,435	86,423	100	2,66,000	3.07	1	33,000											5,992
Maryland	5	2,026,137	2,064,160	97	9,722,680	4.64	5	212,733	1,111,297	44,573									38,745
Massachusetts	2	4,548,777	2,138,481	73	8,790,335	4.11	2	133,680		17,122	83,000								21,257
Michigan	2	352,662	881,730	40	4,164,583	4.72	2	97,885	2,300				160,000						14,241
Minnesota	2	671,610	1,072,665	63	5,026,770	4.60	2	26,615		10,378									29,850
Missouri	1	46,968	249,790	20	1,748,589	7.00	1	29,150		2,337									5,080
Nebraska	3	937,498	1,296,881	76	6,991,601	5.05	3	163,402	14,322	100,723	20,000	10,000							23,307
New Hampshire	1	46,968	249,790	20	1,748,589	7.00	1	29,150		2,337									5,080
New Jersey	3	937,498	1,296,881	76	6,991,601	5.05	3	163,402	14,322	100,723	20,000	10,000							23,307
New Mexico	3	937,498	1,296,881	76	6,991,601	5.05	3	163,402	14,322	100,723	20,000	10,000							23,307
New York	5	9,662,351	9,928,710	94	49,041,332	4.94	5	1,315,252		4,167	179,800								178,875
North Carolina	1	100,000	100,000	100	1,000,000	1.00	1	100,000											100,000
North Dakota	1	100,000	100,000	100	1,000,000	1.00	1	100,000											100,000
Ohio	8	3,776,890	2,978,823	92	13,060,130	1.32	8	230,138		30,432	184,700	120,000							46,314
Oklahoma	1	298,024	411,463	70	1,872,156	4.55	1	8,185		2,709									7,791
Oregon	2	2,592,184	2,793,658	92	14,223,959	5.09	2	292,413	3,841	27,620	318,500								62,960
Pennsylvania	1	672,868	607,853	100	1,598,081	3.96	1	38,960		14,516									4,666
Rhode Island	1	100,000	100,000	100	1,000,000	1.00	1	100,000											100,000
South Carolina	1	100,000	100,000	100	1,000,000	1.00	1	100,000											100,000
South Dakota	1	100,000	100,000	100	1,000,000	1.00	1	100,000											100,000
Tennessee	2	200,549	284,248	60	811,639	2.43	2	31,665		2,562									4,210
Texas	1	100,000	100,000	100	1,000,000	1.00	1	100,000											100,000
Utah	1	100,000	100,000	100	1,000,000	1.00	1	100,000											100,000
Vermont	1	166,000	166,000	100	1,660,000	1.66	1	166,000											166,000
Virginia	1	100,000	100,000	100	1,000,000	1.00	1	100,000											100,000
Washington	2	312,596	648,636	44	2,603,512	4.01	2	87,900	2,149	2,108									12,134
West Virginia	1	100,000	100,000	100	1,000,000	1.00	1	100,000											100,000
Wisconsin	1	539,457	539,457	100	1,965,901	3.70	1	45,134	1,660	3,200									7,721
Wyoming	1	100,000	100,000	100	1,000,000	1.00	1	100,000											100,000

\* City and county.

† Estimated part of city debt service.

TABLE 83.—Summary of taxation, bonds, sinking funds, expenses of debt service, and value of school properties, 1917-18—Continued.  
 \* GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

State	Taxation.							Bonds and sinking funds (hundreds of dollars).					Expenses of debt service.						Value of school properties (thousands of dollars).
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Assessed valuation of property (thousands of dollars).	True value of property (thousands of dollars).	Ratio of assessed valuation to true property value.	Amount derived from tax on property.	Average rate of taxation for all school purposes (mills per dollar).	School systems reporting.	School systems reporting.	Amount.	Other forms of debt.	Total amount in sinking funds.	Current funds.	Sinking funds.	Issue of new bonds.	Payments to sinking funds.	Redemption of short-term loans.	Payment of interest on indebtedness.	Retains.		
United States	141 27,682,587	10,547,887	73	87,968,281	5.50	135	81,012,034	878,274	872,290	82,179,060	81,455,604	8024,500	81,138,474	8902,138	83,532,213	873,722	8026,252		
Alabama	59,972	132,581	45	240,510	1.87	2	18,250	140						47,000	2,836				
Arizona	60,400	80,800	50	404,000	5.00	1	4,485												
Arkansas	229,411	372,961	62	2,033,765	5.61	4	35,213	272	1,032	10,500	155,403	29,000			90,568				
California	41,800	41,800	100	304,802	6.71	1	2,850	1,160	17	4,000					17,883				
Colorado	427,000	502,200	85	1,820,047	3.72	4	55,040		1,484	84,000					198,725				
Connecticut	87,459	87,459	100	840,793	5.04	4	3,765	10	623						10,988				
Delaware	95,547	97,031	70	644,618	6.54	2	13,027	51,020	1,030	70,019	12,500	14,000	72,354	15,000	109,412	40,000			
Dist. Columbia	143,614	239,357	60	734,002	3.07	1	880	2,198		10,161					10,863				
Florida	116,107	452,945	26	3,028,483	6.71	5	24,482	5,003	2,152	99,477	16,870				91,083	153,445	12,354		
Georgia	186,449	372,226	44	1,912,623	5.14	4	26,847	1,870	7,290	84,100	19,000				120,618	77,194			
Illinois	31,011	376,316	24	3,363,799	9.55	5	37,221	245	1,605	48,000	48,000	13,000	25,000		184,224	277			
Indiana	244,322	244,322	100	2,050,130	8.39	1	17,852	1,148	1,472		52,000		39,323	246	685,000				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	No. of cities	Total enrollment	Total enrollment per city	Total enrollment per 100 pop.	Total enrollment per 1000 pop.	Total enrollment per 10000 pop.	Total enrollment per 100000 pop.	Total enrollment per 1000000 pop.	Total enrollment per 10000000 pop.	Total enrollment per 100000000 pop.			
Kentucky	43	76,822	95,040	80	368,196	3,831	2,142	497	000	17,499	11,178	50	2,053
Maine	1	76,827	95,040	80	383,856	2,021	10,130	1,500	728,840	92,077	484,422	974	1,843
Maryland	17	1,120,403	1,120,403	100	742,869	5,971	13,548	1,500	656,000	56,800	64,126	668	7,783
Massachusetts	8	205,327	431,921	74	2,278,829	6,533	1,500	1,757	102,358	56,800	81,066	868	1,084
Michigan	1	65,267	196,261	33	865,802	4,881	2,200	6	7,000	6	800	800	4,010
Minnesota	3	84,267	176,534	48	982,159	5,566	2,200	38	28,060	6	11,720	1,886	1,886
Mississippi	1	53,000	108,000	50	692,500	6,251	4,020	15,000	15,000	201,090	418,108	18,740	1,778
Missouri	1	13,794	68,970	20	504,984	7,321	2,932	7,066	10,500	201,090	418,108	18,740	1,778
Montana	1	19,540	79,540	100	627,583	5,501	128,133	233	284,230	30,000	413,886	902	14,043
New Hampshire	10	685,102	685,102	100	5,138,643	7,713	74,714	233	284,230	30,000	413,886	902	14,043
New Jersey	12	594,005	701,094	85	4,755,770	6,774	2,407	250	70,994	345,860	301,855	15,293	332
New Mexico	1	25,002	85,540	30	97,318	1,141	83,137	250	70,994	345,860	301,855	15,293	332
New York	6	702,640	751,276	94	3,755,223	6,000	18,157	7,575	26,972	99,000	390,021	12,999	2,025
North Carolina	1	77,370	77,370	100	680,161	8,779	8,280	10,149	26,972	275,267	10,090	2,146	440
North Dakota	15	576,941	991,094	67	3,421,760	6,250	119,714	633	142,000	13,972	554,526	12,999	2,025
Ohio	2	112,922	112,922	100	868,016	3,171	11,820	900	105,800	105,800	194,424	490	12,835
Oklahoma	1	23,000	54,762	42	184,000	3,364	230	633	26,972	13,972	74,826	2,974	3,843
Oregon	2	81,500	198,328	41	655,200	3,300	4,640	4,043	105,800	105,800	194,424	490	12,835
Pennsylvania	6	627,400	638,478	67	2,444,972	2,927	56,070	350	105,800	105,800	194,424	490	12,835
Rhode Island	1	178,000	178,000	100	1,087,320	5,941	17,140	350	105,800	105,800	194,424	490	12,835
South Carolina	3	150,028	228,483	65	547,052	2,306	12,178	819	10,000	40,508	47,246	3,824	2,005
South Dakota	1	87,346	114,092	50	487,441	4,261	9,000	1,208	10,000	40,508	47,246	3,824	2,005
Tennessee	2	114,913	138,267	83	717,202	5,191	10,840	989	26,000	40,508	47,246	3,824	2,005
Texas	4	182,735	178,029	85	1,014,947	5,167	11,796	989	26,000	40,508	47,246	3,824	2,005
Utah	1	178,000	178,000	100	1,087,320	5,941	17,140	350	105,800	105,800	194,424	490	12,835
Vermont	1	130,028	228,483	65	547,052	2,306	12,178	819	10,000	40,508	47,246	3,824	2,005
Virginia	1	87,346	114,092	50	487,441	4,261	9,000	1,208	10,000	40,508	47,246	3,824	2,005
Washington	2	114,913	138,267	83	717,202	5,191	10,840	989	26,000	40,508	47,246	3,824	2,005
West Virginia	1	182,735	178,029	85	1,014,947	5,167	11,796	989	26,000	40,508	47,246	3,824	2,005
Wisconsin	4	182,735	178,029	85	1,014,947	5,167	11,796	989	26,000	40,508	47,246	3,824	2,005
Wyoming	1	182,735	178,029	85	1,014,947	5,167	11,796	989	26,000	40,508	47,246	3,824	2,005

TABLE 83.—Summary of taxation, bonds, sinking funds, expenses of debt service, and value of school properties, 1917-18—(continued).

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

State	Taxation.							Bonds and sinking funds (hundreds of dollars).				Expenses of debt service.					Value of school properties (thousands of dollars).		
	16	8	4.	5	6	7	8	9	10	11	12	13	14	15	16	17		18	19
	School systems reporting.	Assessed valuation of property (thousands of dollars).	True value of property (thousands of dollars).	Ratio of assessed valuation to true value of property.	Amount derived from tax on property.	Average rate of taxation for all schools (mills per dollar).	School systems reporting.	Amount.	Other forms of debt.	Total amount in sinking funds.	Current funds.	Sinking funds.	Issue of new bonds.	Payments to sinking funds.	Redemption of short-term loans.	Payment of interest on indebtedness.	Refunds.		
United States	231,285,063,579	47,628,769	66,843,924,199	5.75	270	\$21,775	\$46,617,312,942	\$848,012,529,346	\$569,898,31,779	30,82,002,246	3,101,288	3,101,288	3,101,288	3,101,288	3,101,288	3,101,288	3,101,288	3,101,288	3,101,288
Alabama	4	27,175	53,005	51	150,844	2.81	270	700	249	249	5,000	41,094	4,500	4,500	41,094	4,500	4,500	4,500	4,500
Arizona	2	46,000	62,000	74	269,500	4.82	2	9,100	1,000	1,000	7,000	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500
Arkansas	2	14,000	34,500	42	174,000	5.04	1	2,600	1,000	1,000	48,000	88,278	88,278	88,278	88,278	88,278	88,278	88,278	88,278
California	12	192,918	377,685	51	1,920,754	6.52	1	3,122	22,902	22,902	78,225	48,000	48,000	48,000	48,000	48,000	48,000	48,000	48,000
Colorado	3	51,465	51,465	100	235,471	6.52	3	11,489	23	23	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000
Connecticut	13	281,148	319,437	88	1,639,788	5.13	8	13,877	1,226	12	41,175	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100
Delaware																			
District of Columbia																			
Florida	5	60,000	84,329	71	225,045	2.67	5	250	70	70	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Georgia																			
Idaho	1	19,000	19,000	100	132,000	8.00	1	4,050	1,000	1,000	159,108	25,750	25,750	25,750	25,750	25,750	25,750	25,750	25,750
Illinois	24	126,857	446,320	28	3,570,240	7.45	21	68,502	3,889	3,889	159,108	25,750	25,750	25,750	25,750	25,750	25,750	25,750	25,750
Indiana	17	227,665	605,841	28	3,570,240	7.45	17	22,755	525	525	61,729	128,837	75,000	75,000	75,000	75,000	75,000	75,000	75,000
Iowa	11	56,647	298,545	22	2,925,634	9.71	11	23,990	244	244	24,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000
Kansas	7	114,427	162,520	70	830,798	5.17	9	12,250	200	1,940	14,696	28,002	28,002	28,002	28,002	28,002	28,002	28,002	28,002

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918		
Kentucky	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,015	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144
Michigan	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Minnesota	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Mississippi	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Montana	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Nevada	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
New Hampshire	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
New Jersey	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
New Mexico	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
New York	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
North Carolina	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
North Dakota	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Ohio	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Oklahoma	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Oregon	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Pennsylvania	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Rhode Island	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
South Carolina	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
South Dakota	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Tennessee	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Texas	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Vermont	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Virginia	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Washington	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
West Virginia	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Wisconsin	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	
Wyoming	25,309	53,072	67	103,650	2,09	21	25,000	2,031	7,500	77,270	108,905	1,728	1,144	1,039	10,453	89,070	7,500	77,270	108,905	1,728	1,144	

\* Not including \$1,346,015,000, the estimated assessed valuation of the 89 cities of this group which did not report this item.  
 † Not including \$2,068,417,000, the estimated true value of the 89 cities of this group, which did not report this item.  
 ‡ Not including \$11,728,065, the estimated amount derived from taxation in the 89 cities not reporting this item.

TABLE 83.—Summary of taxation, bonds, sinking funds, expenses of debt service, and value of school properties, 1917-18—Continued.

GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

1	Taxation.						Bonds and sinking funds (hundreds of dollars).					Expenses of debt service.						19
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
State.	School systems reporting.	Assessed valuation of property (thousands of dollars).	True value of property (thousands of dollars).	Ratio of assessed valuation to true property value.	Amount derived from tax on property.	Average rate of taxation for all school purposes (mills per dollar).	School systems reporting.	Amount.	Other forms of debt.	Total amount in sinking funds.	Current funds.	Sinking funds.	Issue of new bonds.	Payments to sinking funds.	Redemption of short-term loans.	Payment of interest on indebtedness.	Returns.	Value of school properties (thousands of dollars).
United States	446	\$2,702,494	\$4,266,478	63	\$23,915,921	5.61	301	\$405,434	\$12,484	\$24,774	\$1,035,817	\$535,008	\$163,495	\$316,165	\$596,865	\$1,632,600	\$43,060	\$140,738
Alabama	3	22,000	44,900	60	45,900	1.24	2	570	25	40	24,000	4,000	2,480	2,480	2,480	20	992	
Arizona	5	55,771	194,771	61	528,980	3.21	3	5,450	68	68	19,200	4,000	1,250	1,000	4,250	28,154	1,486	
Arkansas	3	9,782	26,464	37	135,980	5.18	3	3,186	68	68	28,260	4,000	4,000	1,000	4,250	12,655	680	
California	7	89,045	108,506	54	562,591	5.18	6	13,616	731	683	31,600	8,000	8,000	1,778	31,170	61,681	3,019	
Colorado	7	70,394	78,615	90	593,852	7.61	6	5,870	698	683	11,000	4,000	4,000	500	14,400	1,231	1,778	
Connecticut	13	90,006	112,498	81	582,522	6.18	5	2,859	698	683	11,000	4,000	4,000	500	14,400	684	3,367	
Delaware	1	10,000	10,000	100	10,000	10.00	1	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
District of Columbia	1	10,000	10,000	100	10,000	10.00	1	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Florida	1	10,000	10,000	100	10,000	10.00	1	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
Georgia	6	28,577	40,463	71	169,602	2.58	3	750	547	547	74,260	4,000	15,683	15,683	17,777	2,600	840	
Iowa	2	16,503	25,937	64	149,777	5.77	2	3,510	427	326	74,260	4,000	16,000	15,683	17,777	2,600	799	
Illinois	31	46,688	241,808	27	1,460,461	6.58	25	13,206	427	326	74,260	4,000	16,000	15,683	17,777	2,600	840	
Indiana	23	87,088	205,549	27	1,460,461	6.58	20	9,822	183	961	40,339	101,234	1,983	21,984	46,844	8,008	6,864	
Iowa	5	8,008	32,172	25	1,460,461	6.58	5	7,350	224	224	14,004	14,004	22,000	16,255	35,763	8,008	3,046	
Kansas	10	84,843	108,601	87	728,161	7.31	10	10,700	598	383	7,396	31,615	22,000	16,255	19,079	6,346	3,658	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Kentucky	31,929	57,210	54	193,268	3,283	7	4,510	1,100	47	15,000	13,000	5,700	21,964	13	1,580																																																																															
Louisiana	3,500	10,900	33	21,000	2,001	1	950	1,000	4	10,000	1,000	1,417	3,200	1,000	2,800																																																																															
Maine	68,814	86,136	72	372,801	3,981	1	243	1,000	4	5,800	1,000	1,417	3,200	1,000	2,800																																																																															
Maryland	18,761	23,731	79	72,728	2,881	1	243	1,000	4	5,800	1,000	1,417	3,200	1,000	2,800																																																																															
Massachusetts	356,152	367,376	52	2,531,456	6,531	22	20,155	188,096	47	1,088,096	1,000	1,417	69,929	4,066	10,494																																																																															
Michigan	112,488	138,072	85	883,026	6,34	19	9,060	222	596	63,175	14,700	9,400	42,866	1,804	5,424																																																																															
Minnesota	27,028	20,792	34	1,300,420	5,83	14	21,735	3,100	68	46,500	2,700	2,337	43,411	300	7,523																																																																															
Mississippi	27,028	40,200	64	1,178,725	4,23	4	4,462	46	2,705	17,750	41,015	7,347	33,414	3,098	3,098																																																																															
Missouri	33,402	80,762	37	492,666	5,49	10	9,650	2,705	2,705	17,750	41,015	7,347	33,414	3,098	3,098																																																																															
Montana	7,412	20,168	37	74,960	3,72	2	1,681	1,000	116	2,000	15,000	30,000	36,386	57	2,380																																																																															
Nebraska	12,901	63,456	20	573,762	9,04	7	10,361	544	116	2,000	15,000	30,000	36,386	57	2,380																																																																															
Nevada	30,181	30,181	100	189,041	5,27	1	228	2,000	2,000	2,000	37,751	67,300	140,413	669	669																																																																															
N. Hampshire	145,499	195,094	79	1,201,807	6,49	18	36,867	99	2,069	62,834	37,751	67,300	140,413	669	669																																																																															
New Jersey	145,499	195,094	79	1,201,807	6,49	18	36,867	99	2,069	62,834	37,751	67,300	140,413	669	669																																																																															
New Mexico	29,756	47,262	52	248,064	5,25	4	7,884	200	1,431	88,837	12,396	7,500	33,267	1,786	1,786																																																																															
New York	97,682	145,699	67	1,077,074	6,01	22	17,969	17,969	56	20,567	10,000	1,000	79,140	2,088	5,286																																																																															
North Carolina	2,623	118,030	28	58,275	5,55	1	3,800	2	56	20,567	10,000	1,000	13,608	1,353	1,239																																																																															
North Dakota	302,961	395,897	76	1,530,557	3,84	30	51,378	971	3,666	82,292	88,050	17,235	223,638	142	13,476																																																																															
Ohio	29,756	47,262	52	248,064	5,25	4	7,884	200	1,431	88,837	12,396	7,500	33,267	1,786	1,786																																																																															
Oklahoma	28,310	40,133	63	218,639	5,45	4	7,128	151	60	5,000	3,000	3,000	39,041	1,432	1,432																																																																															
Oregon	236,460	377,824	63	3,009,695	7,97	66	68,602	2,666	5,326	133,519	80,421	132,389	258,299	17,472	17,472																																																																															
Rhode Island	12,859	65,329	74	362,671	5,55	1	3,325	2	56	20,567	10,000	1,000	13,608	1,353	1,239																																																																															
South Carolina	12,859	65,329	74	362,671	5,55	1	3,325	2	56	20,567	10,000	1,000	13,608	1,353	1,239																																																																															
South Dakota	41,784	41,784	57	415,717	9,95	4	5,368	2	222	10,250	5,450	1,896	28,057	113	1,110																																																																															
Tennessee	7,564	14,252	53	60,512	4,25	2	1,660	130	130	1,660	2,250	1,127	4,800	865	865																																																																															
Texas	87,322	76,662	76	312,699	4,08	6	10,653	1,152	1,152	1,600	2,250	1,127	4,800	865	865																																																																															
Utah	6,500	6,500	100	62,400	9,40	2	1,100	5	158	1,000	1,000	7,583	46,002	1,735	4,194																																																																															
Vermont	35,454	46,709	78	267,277	5,72	3	2,210	257	158	2,000	1,250	1,250	8,168	521	8,168																																																																															
Virginia	10,686	20,638	52	75,317	3,65	1	40	16	800	800	1,250	1,250	9,806	78	1,069																																																																															
Washington	16,081	24,627	46	142,045	4,10	4	6,515	36	80	5,000	5,000	20,875	27,099	1,070	1,070																																																																															
West Virginia	31,117	45,158	84	369,329	6,95	5	10,035	36	372	27,000	40,872	20,875	49,328	18	2,154																																																																															
Wisconsin	104,990	125,456	84	727,615	5,80	10	6,940	146	146	27,000	3,000	20,875	18,596	18	2,154																																																																															
Wyoming	31,663	36,334	87	171,040	4,70	3	2,565	1	1	1	3,000	3,000	2,250	865	865																																																																															

\* Not including \$999,554,000, the estimated assessed valuation of the 181 cities of this group which did not report this item.  
 † Not including \$1,600,789,000, the estimated true value of the 181 cities of this group which did not report this item.  
 ‡ Not including \$8,049,837, the estimated amount derived from taxation in the 181 cities not reporting this item.





TABLE 83.—Summary of taxation, bonds, sinking funds, expenses of debt service, and value of school properties, 1917-18—Continued.  
GROUP V.—CITIES, TOWNS, AND VILLAGES OF 2,500 TO 5,000 POPULATION.

State.	Taxation.										Bonds and sinking funds (hundreds of dollars).						Expenses of debt service.						Value of school properties (thousands of dollars).
	10	9	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19				
	School systems reporting.	Assessed valuation of property (thousands of dollars).	True value of property (thousands of dollars).	Ratio of assessed valuation to true property value.	Amount deduced from tax on property.	Average rate of taxation for all school purposes (mills per dollar).	School systems reporting.	School systems reporting.	Amount.	Other forms of debt.	Total amount in sinking funds.	Current bonds.	Starting bonds.	Issue of new bonds.	Payments to sinking funds.	Redemption of short term loans.	Payment of interest and sinking fund.	Refunds.					
United States.	331	\$1,014,890	\$1,745,115	55	\$1,800,814,800	5.96	428	3207,766	\$14,280	\$22,852	\$679,775	\$409,063	\$400,600	\$286,306	\$622,907	\$1,031,061	\$52,376	\$62,688					
Alabama.	1	7,194	100	100	50,064	6.94	3	1,409	1,600				76,000	5,000		5,100	100	953					
Arizona.	1	15,778	42,021	267	197,868	4.71	10	3,014	673			19,320	1,000	1,000		14,494	200	768					
Arkansas.	15	46,446	89,890	51	324,014	3.62	15	13,949	52	130	18,600	18,000	12,000	12,000		25,713	400	2,429					
California.	15	41,154	43,911	96	369,038	8.44	8	5,580	277	51	7,000	13,532	13,276	13,276		28,733	1,509	1,249					
Colorado.	1	4,260	5,313	80	781,380	4.00	1	9,000								1,796		1,019					
Connecticut.	1	3,980	10,000	251	46,850	4.80	2	800	110	69								118					
Delaware.	1	2,646	5,860	221	17,785	2.19	1	876		50								419					
Dist. Columbia.	1	10,010	21,520	47	117,650	5.46	4	4,240	191	403								760					
Florida.	14	18,813	21,820	28	822,473	7.26	19	5,617	409	28	47,445	5,250	3,500	7,000	4,800	19,048	1,886	2,785					
Georgia.	10	11,443	26,841	49	455,317	6.23	17	3,764	95	250	15,128	8,645	6,962	3,500	2,000	25,207	76	1,752					
Idaho.	1	11,463	14,841	78	45,315	3.05	6	14,494	8	438	8,000	10,000	13,500		17,877	9,486		3,247					
Illinois.	10	15,928	42,000	82	338,034	7.69	12	6,978	537	438	12,000	33,360	33,360		27,072	27,039		1,788					

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Kentucky	8,865	14,383	62	44,110	3.07	7	1,875	94	115	1,000	4,975	4,071	1,738	563
Louisiana	3,004	4,004	75	24,026	6.00	2	520			3,500			2,000	192
Maine							470						1,650	870
Maryland													120	808
Massachusetts	31,395	34,171	92	269,800	7.90	7	2,666	277		17,225			3,665	4,091
Michigan	126,837	157,263	81	917,780	5.84	17	34,352	371	260	40,900	4,000	4,000	154,677	118
Minnesota	22,054	56,542	38	506,637	8.65	12	11,158	680	17	8,519	5,000	1,054	12,611	5,346
Mississippi	10,635	14,470	73	50,040	3.46	1	70				25,000		1,034	2,337
Missouri	25,708	73,280	35	329,868	4.45	13	3,961	393	393	3,000	33,190	11,676	19,103	1,353
Montana	8,982	25,510	35	73,770	2.89	2	1,695			2,000	6,000		4,473	482
Nebraska	3,668	20,316	18	167,246	8.22	8	1,410	370	19		9,012	4,000	2,227	315
Nevada														176
N. Hampshire	17,441	24,576	71	117,008	4.76	18	14,568	158	54	41,600	-2,800	5,878	76,819	2,920
New Jersey	5,475	7,300	75	68,438	9.38	4	3,110	50	62			1,600	10,764	2,482
New Mexico														
New York	58,137	92,694	60	688,177	7.69	59	27,980	110	50	183,970	600	372,013	129,687	4,918
North Carolina	3,863	4,694	24	67,455	1.36	2	890				1,384	500	4,173	3,433
North Dakota	170,863	13,870	21	92,799	6.64	2	890				26,001	1,914	6,040	420
Ohio	15,263	238,222	71	838,043	3.51	30	28,726	1,298	14,763	36,360	55,301	24,367	48,863	12,961
Oklahoma		30,865	53	230,316	7.14	11	11,873		2,630	3,120	12,733	10,900	51,584	1,438
Oregon	16,817	27,332	62	207,172	7.58	7	6,435	437	30	4,000	3,000	67,502	31,068	8,735
Pennsylvania	80,782	162,666	56	1,126,154	6.92	58	26,010	3,274	977	63,147	67,888		102,135	12,007
Rhode Island														184
South Carolina	3,473	11,467	26	21,267	1.85	2	380		20		2,062	2,002	2,045	60
South Dakota	8,655	10,576	82	115,610	10.93	4	2,435	844	401	51,429	26,800	11,891	25,800	25
Tennessee	2,956	13,334	22	24,814	1.67	4	1,180	85	7				6,100	338
Texas	41,628	70,147	56	252,736	3.66	15	6,653	80	630	12,900	9,384	28,797	22,811	5,600
Utah	11,702	14,768	43	32,897	6.88	3	1,546	138	138	4,000	6,000		2,349	565
Vermont	3,038	4,768	62	30,890	6.88	3	1,546	85	600			125	3,577	261
Virginia	8,762	16,837	52	40,000	2.37	2	400			14,448				
Washington	16,877	34,128	46	199,472	5.85	9	6,507	1,375	214	18,000	11,000	19,311	32,847	1,107
West Virginia	21,845	24,004	86	151,970	6.33	5	1,759	67	37		16,300	6,000	7,856	718
Wisconsin	42,897	50,045	86	322,319	6.44	14	5,115	560	120	43,667	18,435	8,000	15,819	1,600
Wyoming														2,528

\* Not including \$2,000,000,000, the estimated assessed valuation of the 831 cities of this group which did not report this item.  
 † Not including \$4,514,124,000, the estimated true value of the 831 cities of this group which did not report this item.  
 ‡ Not including \$25,566,069, the estimated amount derived from taxation in the 831 cities not reporting this item.

TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

Cities.	School census.				Public schools.															
	Popu- lation, 1910.	School census.		School census acc.	Super- intend- ents.		Super- visors.		Princi- pals.		Teachers.		Enrollment.		Aggregate attendance.	Aver- age daily attend- ance.	Num- ber of schools (kinders- gartens not in- clud- ed).	Num- ber of school build- ings.	Enroll- ment in public schools (partly esti- mated).	
		Male.	Female.		6	7	8	9	10	11	12	13	14	15						16
Alabama:																				
Birmingham.....	132,665	19,704	20,786	7-21	2	10	27	92	630	14,801	16,055	3,734,154	21,302	59	58					
California:																				
Los Angeles.....	319,198				4	65	137	440	2,805	45,361	45,328	12,149,416	65,672	203	302					
San Francisco.....	180,173				3	15	30	111	884	16,675	18,008	5,002,113	26,466	50	52					2,463
Columbia:					6	10	80	93	1,446	30,833	30,411	8,908,484	46,384	92	92					16,977
Colorado:																				
Denver.....	213,331	27,529	28,847	6-21	3	10	55	97	996	20,567	20,476	5,639,784	30,651	77	67					
Connecticut:																				
Bridgport.....	142,051	17,140	17,154	4-16	2	8	28	30	563	11,555	11,326	3,511,613	19,344	34	37					5,060
New Haven.....	117,330	17,531	17,531	4-16	4	12	80	725	14,732	14,879	4,625,317	24,856	52	52						
Westville district.....	148,605	17,800	17,800	4-16	1	2	.....	3	36	600	696	2,098,675	1,128	3	3					
District of Columbia:																				
Washington.....	331,069	32,399	33,478	5-17	3	18	24	219	1,636	29,717	31,819	8,270,461	47,838	152	152					
Georgia:																				
Atlanta.....	154,839	13,061	13,061	6-	2	8	64	68	676	14,202	15,682	4,592,340	25,513	64	64					
Illinois:																				
Chicago.....	2,185,383	379,434	392,514	1-21	14	28	296	724	7,172	196,392	181,853	58,038,900	318,118	296	296					161,000
Indiana:																				
Indianapolis.....	253,650	32,323	30,654	6-21	1	6	19	146	1,144	21,204	21,856	6,068,100	33,900	77	75					5,651
Kentucky:																				
Louisville.....	220,928	27,973	28,231	6-20	6	11	51	75	782	15,769	16,639	4,375,271	23,825	66	63					12,000
Louisiana:																				
New Orleans.....	339,075	40,416	41,778	6-15	3	2	65	71	1,230	22,221	22,570	6,337,637	36,117	88	124					
Maryland:																				
Baltimore.....	558,485	49,681	50,374	6-18	7	7	104	246	2,168	40,751	40,980	10,540,704	59,552	110	164					
Massachusetts:																				
Boston.....	686,092	68,378	69,379	5-16	6	45	88	435	2,799	68,367	64,481	18,660,822	102,464	91	283					27,467
Cambridge.....	104,839	7,118	7,459	5-21	2	2	32	48	484	7,755	7,604	2,432,474	13,652	32	33					4,885
Fall River.....	119,293	12,742	12,803	5-16	2	8	32	41	544	8,541	8,514	2,400,964	13,827	39	35					6,485



TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18.—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

Cities.	Population, 1910.		School census.		School census age.	Public schools.										Enroll-ment in private schools (partly esti-mated).
	Male.	Female.	Super-inten-dents.	Super-viso-rs.		Princi-pals.	Teachers.		Enrollment.		Aggregate attendance.	Aver-age daily attend-ance.	Num-ber of schools (kindergartens not in-clud-ed).	Num-ber of school build-ings.		
							Male.	Female.	Male.	Female.						
1	3	4	5	6	7	8	9	10	11	12	14	15	16	17	18	
Alabama:																
Mobile.....	51,521	6,575	7-21	1	5	6	13	221	3,386	4,292	924,596	5,046	15	14	2,529	
Montgomery.....	38,126	5,145	7-21	1	2	1	10	130	2,816	3,335	744,125	4,447	14	16	3,434	
Arkansas:																
Little Rock.....	45,941	7,661	6-21	1	4	10	25	275	5,110	5,530	1,446,650	8,325	24	23	1,000	
California:																
San Francisco.....	40,434	5,213	.....	1	3	18	44	284	5,213	5,398	1,379,692	7,836	19	44	540	
Pasadena.....	30,201	3,776	.....	1	9	10	39	279	4,024	4,214	1,030,870	6,216	25	50	.....	
Sacramento.....	44,698	5,473	.....	2	8	17	35	337	5,473	5,707	1,374,260	7,943	27	33	.....	
San Diego.....	39,378	4,840	.....	1	20	24	40	287	5,723	5,849	1,501,858	8,396	20	32	.....	
Colorado:																
Pueblo.....	44,395	3,251	6-21	1	7	6	17	113	1,960	2,060	623,375	3,281	9	12	.....	
District No. 20.....	.....	.....	.....	1	5	8	8	146	2,689	2,738	673,629	3,827	13	12	.....	
Connecticut:																
Hartford.....	98,915	17,351	4-16	1	15	21	79	597	8,567	12,650	3,124,080	17,350	18	18	4,516	
Meriden.....	82,066	3,776	4-16	1	6	5	13	154	2,757	2,579	719,877	4,018	18	18	.....	
New Britain.....	52,916	7,042	4-16	2	5	17	38	284	4,972	5,062	1,348,540	7,900	17	16	4,000	
Waterbury.....	73,141	11,478	4-14	1	13	23	33	431	7,681	7,639	2,351,340	13,063	35	34	6,120	
Delaware:																
Wilmington.....	87,411	7,250	6-14	1	1	26	9	333	5,991	7,355	1,835,984	10,227	32	32	.....	
Florida:																
Tallahassee.....	57,699	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Tempsville.....	27,782	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Georgia:																
Savannah.....	41,040	6,578	6-18	1	2	9	25	237	4,111	5,435	1,375,450	8,650	16	19	1,105	
Atlanta.....	40,665	9,170	6-18	1	3	7	20	225	5,571	6,099	1,517,660	8,432	54	49	.....	
Savannah.....	65,064	6,181	6-18	2	3	15	16	200	5,696	6,323	1,611,772	8,273	18	18	.....	

Illinois:	31,140	5,221	5,367	6-21	1	3	2	26	1,505	3,552	3,759	1,011,371	8,959	16	16	2,931
Decatur.....	58,547	13,320	13,474	6-21	1	3	13	36	1,000	3,188	3,188	1,384,010	8,163	31	33	2,931
East St. Louis.....	24,770	6,728	6,728	6-21	1	3	13	36	1,000	3,188	3,188	1,384,010	8,163	31	33	2,931
Joliet.....	96,980	8,176	8,176	6-21	1	13	23	25	314	6,085	6,543	1,704,305	9,313	23	23	2,491
Peoria.....	36,387	3,140	3,140	6-21	1	4	13	15	135	2,278	2,339	667,962	3,591	14	14	1,363
Quincy.....	51,461	10,040	10,443	6-21	2	8	19	44	304	5,102	5,012	1,428,899	7,920	23	22	1,363
Rockford.....	51,678	11,068	11,285	4-20	1	5	15	38	284	3,848	4,964	1,420,572	7,720	21	21	2,415
Indiana:	69,647	10,719	11,102	6-21	1	0	16	50	373	6,220	6,374	1,747,641	9,102	28	32	2,718
Evansville.....	63,843	9,843	9,956	6-21	1	8	19	38	280	4,734	4,760	1,416,969	7,389	19	19	3,500
Fort Wayne.....	53,684	8,625	8,554	6-21	1	6	18	24	318	5,154	5,278	1,620,600	8,163	20	20	3,500
South Elkhart.....	58,157	8,368	8,185	6-21	4	9	2	52	337	6,209	6,578	1,841,583	9,953	31	31	1,087
Terre Haute.....	32,811	5,604	6,316	5-21	1	5	18	15	268	3,662	4,260	1,199,142	6,417	20	20	1,087
Cedar Rapids.....	43,028	6,881	6,675	5-21	2	10	44	22	249	4,312	4,411	1,360,700	6,902	19	18	1,087
Davenport.....	86,368	13,369	13,717	5-21	2	10	44	77	668	11,381	11,633	2,979,504	16,928	55	56	1,087
Des Moines.....	38,494	47,828	9,000	5-21	1	21	19	320	5,187	5,388	1,611,150	8,950	26	26	3,026	
Sioux City.....	82,331	12,863	14,112	5-21	1	4	9	45	378	7,973	8,437	2,197,300	12,556	44	44	3,026
Kansas:	43,684	6,983	6,188	5-21	1	4	10	31	219	4,055	4,350	1,124,673	6,501	24	21	590
Topoka.....	52,450	8,992	9,588	5-21	1	7	19	35	237	5,948	6,144	1,617,150	9,241	30	30	590
Wichita.....	52,450	8,992	9,588	5-21	1	7	19	35	237	5,948	6,144	1,617,150	9,241	30	30	590
Kentucky:	52,370	15,612	15,615	6-20	1	6	13	13	145	2,085	2,841	880,916	4,800	14	13	1,541
Covington.....	32,089	3,710	3,889	6-20	1	6	6	8	185	2,695	2,841	880,916	4,800	14	13	1,541
Lapington.....	30,369	3,302	3,283	6-20	1	5	1	8	90	1,717	1,737	534,884	2,729	9	8	1,541
Newport.....	38,571	10,070	10,527	5-21	2	6	13	25	327	4,837	4,973	1,480,564	8,946	36	36	1,541
Massachusetts:	56,878	5,514	5,567	5-16	1	9	31	21	324	5,025	5,825	1,951,870	10,081	31	31	878
Brockton.....	32,452	4,212	4,967	5-16	1	3	8	9	195	4,039	3,821	1,068,484	6,758	7	7	1,578
Chelsea.....	33,426	4,017	4,035	5-16	1	2	10	8	214	4,022	3,848	1,068,484	6,758	20	20	1,578
Everett.....	37,826	4,115	3,977	5-16	1	5	2	24	104	3,503	3,690	1,022,152	6,530	24	24	2,594
Fitchburg.....	44,115	6,165	6,173	5-16	1	5	17	31	230	3,503	3,690	1,022,152	6,530	24	24	2,594
Haverhill.....	57,730	9,487	9,488	5-16	2	5	32	15	334	6,040	5,768	1,045,963	5,758	20	20	5,771
Holyoke.....	85,862	8,070	8,496	5-16	2	5	32	15	334	6,040	5,768	1,045,963	5,758	20	20	5,771
Lawrence.....	89,336	13,489	13,489	5-16	2	5	32	15	334	6,040	5,768	1,045,963	5,758	20	20	5,771
Lynn.....	44,404	10,182	10,174	5-16	4	8	11	17	188	3,785	3,832	1,045,963	5,758	31	31	5,588
Malden.....	36,822	3,554	3,682	5-16	4	8	11	17	188	3,785	3,832	1,045,963	5,758	31	31	5,588
New Bedford.....	32,121	5,961	5,628	5-16	1	6	15	16	270	4,009	4,127	1,045,963	5,758	33	33	2,484
Newton.....	32,642	3,653	3,654	5-16	1	6	15	16	270	4,009	4,127	1,045,963	5,758	33	33	2,484
Pittsfield.....	43,667	7,928	7,928	5-16	1	3	6	13	209	3,409	3,562	1,258,206	7,063	28	28	1,860
Quincy.....	77,236	3,654	3,654	5-16	1	3	6	13	156	3,087	2,909	1,192,047	6,761	18	16	934
Stoughton.....	88,926	10,701	10,733	5-16	2	1	25	4	685	11,071	10,970	2,949,631	16,936	32	30	2,448
Springfield.....	34,259	3,388	3,328	5-16	1	2	4	15	154	2,658	2,676	846,499	4,310	22	22	2,448
Taunton.....	34,259	3,388	3,328	5-16	1	2	4	15	154	2,658	2,676	846,499	4,310	22	22	2,448

Division as to sex, estimated.

TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	Population, 1910.		School census.		School census age.	Public schools.						Enrollment in private schools (partly estimated).				
	Male.	Female.	Male.	Female.		Super-intendents.	Super-visors.	Principals.		Teachers.			Aggregate attendance.	Average daily attendance.	Number of schools (kindergarten not included).	Number of school buildings.
								8	9	10	11					
<b>Michigan:</b>	9	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Bay City.....	45,166	7,207	6,594	5-19	2	8	18	25	216	3,331	3,819	1,072,563	5,861	20	18	877
Calumet.....	32,845	3,740	3,993	5-19	1	3	11	23	192	2,941	2,919	964,315	4,885	23	23	888
Ferris.....	38,550	7,186	7,229	5-19	1	2	14	19	320	5,834	5,961	1,751,375	9,839	14	15	1,074
Jackson.....	31,433	4,915	4,965	5-19	2	4	4	15	165	3,460	3,514	1,008,414	5,161	19	19	1,522
Kalamazoo.....	39,437	5,336	5,132	5-19	1	9	10	34	231	3,867	3,799	1,039,448	5,736	15	13	1,300
Kalamazoo.....	31,279	5,155	5,262	5-19	1	2	2	12	200	4,167	4,228	1,175,365	6,955	19	17	746
East side.....	50,510	4,472	4,530	5-19	1	4	7	20	130	2,645	2,557	713,300	4,076	14	13	900
West side.....	78,466	5,487	5,455	5-19	1	7	6	101	1,908	1,908	2,401	646,000	3,240	10	11	900
<b>Minnesota:</b>	78,466	5,487	5,455	5-19	1	7	6	101	1,908	1,908	2,401	646,000	3,240	10	11	900
Duluth.....	32,073	4,265	4,472	6-20	1	2	10	21	185	4,222	4,441	1,226,170	6,257	18	18	190
St. Joseph.....	77,403	8,164	8,164	6-20	1	5	28	41	381	6,115	6,301	1,721,085	9,615	33	33	1,865
Springfield.....	35,201	4,341	4,543	6-20	2	18	2	18	294	3,895	3,890	1,073,880	5,966	21	20	580
<b>Montana:</b>	39,165	11,423	11,366	6-21	2	8	14	23	270	4,720	4,797	1,198,009	6,945	24	23	.....
<b>Nebraska:</b>	43,973	6,456	6,502	4-20	1	8	20	26	312	5,428	5,523	1,489,664	8,404	19	19	.....
Lincoln.....	70,063	7,573	7,588	5-10	1	6	4	15	221	3,941	3,928	1,159,558	6,398	23	27	7,565
<b>New Hampshire:</b>	45,160	.....	.....	.....	1	10	12	31	263	4,459	4,398	1,000,197	6,323	13	13	773
Manchester.....	84,568	.....	.....	.....	1	6	13	340	6,616	3,397	2,683,318	10,807	13	13	.....	
Portsmouth.....	94,588	.....	.....	.....	1	8	24	42	462	8,023	8,479	2,462,350	12,872	36	36	3,218
Concord.....	24,791	.....	.....	.....	1	3	10	21	227	4,321	4,041	1,212,743	6,422	10	10	789
East Orange.....	24,408	.....	.....	.....	1	16	10	21	310	5,623	5,921	1,560,250	8,147	20	19	5,067
Elizabeth.....	70,324	.....	.....	.....	1	1	10	28	300	5,623	5,921	1,560,250	8,147	20	10	2,446





TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18.—Continued.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	School census.				School census age.	Super-intendents.	Super-visors.	Prin-cipals.	Teachers.				Enrollment.				Aggregate attendance.	Aver-age daily attendance.	Num-ber of schools (kindergartens not included).	Num-ber of school buildings.	Enroll-ment in private schools (partly esti-mated).		
	Popu-lation, 1910.		Female.						Male.	9	10	11	12	13	14	15						16	17
	3	4	5	6																			
Tennessee:																							
Chattanooga	44,604	6,397	6,947	6-21	1	1	16	207	15	207	4,189	4,614	1,051,783	6,150	17	16	391						
Knoxville	36,346	12,552	13,927	6-21	1	6	23	39	39	6,730	7,236	1,768,764	11,266	43	39								
Texas:																							
Dallas	92,104	13,600	13,799	7-17	1	8	34	61	61	10,551	11,556	2,669,816	16,266	34	34								
El Paso	36,279	7,960	7,916	7-17	2	4	17	29	29	6,125	5,808	1,552,092	8,328	17	15	3,000							
Fort Worth	72,312	7,873	7,674	7-17	2	5	22	44	44	7,405	8,260	1,997,268	10,842	28	28								
Galveston	36,981	4,262	4,436	7-17	1	6	10	12	12	2,628	2,786	710,022	4,091	11	10								
Houston	78,800	15,970	15,361	7-17	2	11	38	65	65	9,461	11,041	2,974,463	15,459	65	61	1,000							
San Antonio	96,614	15,720	15,757	7-17	1	5	34	45	49	11,512	11,889	2,747,407	15,455	38	36								
Utah:																							
Salt Lake City	92,777	14,584	14,589	6-18	2	14	1	60	64	12,138	12,263	3,500,414	19,665	36	36								
Virginia:																							
Norfolk	67,452	9,861	9,860	7-20	1	1		39	44	7,921	7,920	2,797,200	13,996	17	16								
Portsmouth	33,126	3,964	3,958	7-20	1			11	12	2,687	3,021	821,560	4,370	17	16								
Roanoke	34,874	4,490	4,631	7-20	1	6	14	6	6	262	4,196	1,164,800	6,656	14	14								
Washington:																							
Tacoma	83,743	11,668	11,969	5-21	2	12	27	68	83	7,965	8,303	2,249,894	12,362	34	32	1,341							
West Virginia:																							
Huntington	31,161	5,479	5,468	6-21	1	9	22	40	46	4,085	4,390	1,044,556	6,073	23	23								
Wheeling	41,641	5,011	5,162	6-21	1	6	10	13	19	2,937	3,080	950,859	5,059	14	14								
Wisconsin:																							
La Crosse	30,417	4,335	4,688	4-20	1	5	8	24	24	2,582	3,091	822,082	4,512	14	12	1,335							
Oshkosh	33,062	4,744	4,775	4-20	1	4	13	30	30	2,969	3,112	821,026	4,210	14	13	2,122							
Sheboygan	36,632	4,747	4,744	4-20	1	7	13	30	37	2,989	3,112	821,026	4,210	14	13	2,122							
Superior	40,334	5,331	5,331	4-20	1	4	13	30	37	2,989	3,112	821,026	4,210	14	13	2,122							



TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18.—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.—Continued.

City.	Popu- lation, 1910.	School census.		School census age.	Super- intenden- ts.	Super- visors.	Princi- pals.	Teachers.		Enrollment.				Aggregate attendance.	Aver- age daily attend- ance.	Num- ber of schools (kindar- gartens not includ- ed).	Num- ber of school- buildings.	Enroll- ment in pub- lic schools (partly esti- mated).
		Male.	Female.					Male.	Female.	Male.	Female.	Male.	Female.					
Connecticut—Continued.																		
Iverington.....	16,840	2,552	2,552	4-16	1	2	7	8	9	10	11	12	18	3,229	14	15	16	17
Wallingford.....	11,155	1,132	1,185	4-16	1	4	4	4	7	7	7	7	389,378	1,885	14	13	887	
Windham.....	12,604	1,378	1,610	4-16	1	1	2	2	3	50	791	932	249,073	1,380	16	7	310	
Florida:																		
Key West.....	19,845	2,720	3,802	6-20	1	1	4	4	4	117	1,870	2,700	622,580	3,981	17	17	480	
Pensacola.....	14,913	2,306	1,763	6-18	1	1	1	1	8	79	1,441	1,504	368,890	2,120	11	13	4	
Athens.....	10,182	1,617	1,617	6-18	1	4	4	4	8	38	984	1,012	283,320	1,574	6	4	55	
Brunswick.....	20,554	2,669	2,952	6-18	1	1	1	1	17	96	2,330	2,546	641,633	3,621	13	16	307	
Camden.....	12,069	1,358	1,540	6-18	1	1	1	1	6	90	1,145	1,511	324,316	1,822	10	13	94	
Kansas:																		
Wraycross.....	14,485	1,357	1,716	6-18	1	1	8	8	2	50	1,120	1,367	349,990	1,945	9	8	8	
Idaho:																		
Boise.....	17,358	2,622	2,502	6-21	1	3	1	1	16	100	2,092	2,107	529,379	3,080	10	10	10	
Illinois:																		
Alton.....	17,528	4,208	4,048	6-21	1	3	7	7	9	107	1,904	1,835	559,608	2,899	15	15	1,215	
Alton, East side.....	29,807	3,582	3,680	6-21	1	4	3	3	14	54	1,604	1,541	471,922	2,438	11	10	1,988	
Alton, West side.....	21,122	1,716	1,828	6-21	1	1	1	1	7	54	1,908	1,968	268,551	1,460	9	9	320	
Bellville.....	25,713	4,492	4,651	6-21	2	2	1	1	7	62	1,507	1,449	499,474	2,535	9	9	1,332	
Bloomington.....	14,548	4,409	4,069	6-21	1	3	1	1	12	113	1,949	2,087	571,216	3,252	17	12	1,106	
Castro.....	10,453	2,124	2,381	6-21	1	1	1	1	7	61	1,274	1,307	359,065	1,983	14	12	103	
Carleton.....	12,421	2,790	1,445	6-21	1	2	1	1	12	55	1,194	1,250	339,784	1,888	9	10	122	
Champaign.....	14,525	4,085	1,609	6-21	1	8	1	1	9	78	1,411	1,429	456,370	2,352	10	7	841	
Chicago Heights.....	14,557	9,009	3,927	6-21	1	4	4	4	0	61	1,483	1,429	830,046	4,321	12	12	2,017	
Chicago.....	27,871	4,024	9,190	6-21	1	1	2	2	10	96	2,718	2,451	600,943	3,266	9	9	507	
Dayville.....	25,976	3,647	3,913	6-21	2	5	4	4	19	138	2,133	2,140	713,300	3,856	12	12	180	

Table with multiple columns containing school system names, enrollment figures, and other statistics. Includes entries for Evansville, Indiana; Chicago, Illinois; and various schools in Iowa.

\* Estimated.

\* Statistics of 1915-16.

\* Division as to sex estimated.

TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Paper census, 1910.		School census.		School census age.	Superintendents.	Super-visors.	Prin- cipal.	Teachers.		Enrollment.		Aggregate attendance.	Aver- age daily attend- ance.	Num- ber of school- houses includ- ed.	Num- ber of school build- ings.	Enroll- ment in private schools (esti- mated).
	Male.	Female.	Male.	Female.					Male.	Female.	Male.	Female.					
<b>Kansas:</b>																	
Atchison.....	15,430	1,601	5-21	1	7	83	1,023	10	11	18	16	17	278,598	1,610	8	7	
Coffeyville.....	12,447	1,687	5-21	1	4	82	1,603	1	1	1	1	1	478,809	2,432	12	12	
Fort Scott.....	10,463	1,689	5-21	1	2	85	1,844	1	1	1	1	1	312,728	1,732	11	11	
Hutchinson.....	16,264	2,760	5-21	1	4	107	2,039	4	4	4	4	4	546,074	3,407	11	10	
Independence.....	10,481	1,741	5-21	1	5	82	1,072	1	1	1	1	1	312,907	1,739	6	6	
Lawrence.....	12,874	1,865	5-21	1	2	83	1,961	1	1	1	1	1	362,425	2,071	9	11	870
Leavenworth.....	19,343	1,654	4-31	2	6	91	1,368	1	1	1	1	1	378,362	2,126	11	11	
Parsons.....	12,463	1,724	5-21	1	4	59	1,728	1	1	1	1	1	358,648	1,968	7	6	
Pittsburg.....	14,765	2,598	5-21	1	3	91	1,902	1	1	1	1	1	525,364	2,985	9	8	
<b>Kentucky:</b>																	
Frankfort.....	10,465	1,075	.....	1	7	61	680	2	2	2	2	2	277,866	1,189	9	8	
Henderson.....	11,453	1,421	.....	1	2	61	1,135	1	1	1	1	1	305,722	1,651	7	7	220
Owensboro.....	16,011	1,813	6-17	1	3	67	1,351	1	1	1	1	1	367,960	1,968	10	9	635
Paducah.....	22,760	3,253	.....	2	3	98	2,024	1	1	1	1	1	592,538	3,218	12	11	512
<b>Louisiana:</b>																	
Monroe.....	11,213	2,460	6-19	2	1	63	1,315	1	1	1	1	1	275,272	1,811	3	3	
Shreveport.....	14,877	1,686	.....	1	1	40	883	1	1	1	1	1	245,344	1,594	6	6	
<b>Mississippi:</b>																	
Mobile.....	10,308	1,777	6-20	2	7	150	1,001	1	1	1	1	1	305,557	1,764	5	3	365
<b>Missouri:</b>																	
St. Louis.....	28,015	4,435	6-19	2	3	40	2,928	3	3	3	3	3	797,580	4,431	15	13	500
<b>Nebraska:</b>																	
Auburn.....	15,084	2,357	6-21	1	14	80	1,411	1	1	1	1	1	408,987	2,839	25	26	641
Augusta.....	12,211	1,687	.....	1	1	1	1	1	1	1	1	1	697,510	3,739	80	30	1,047
Beatrice.....	24,803	3,263	5-21	1	3	131	2,307	2	2	2	2	2	179,298	1,012	15	15	2,000
Bellefontaine.....	17,079	3,190	5-21	1	2	41	550	4	4	4	4	4	883,948	2,137	23	21	2,062
Lawson.....	26,247	5,350	5-21	1	8	86	1,640	1	1	1	1	1	260,979	1,673	10	10	927
Waterville*.....	11,458	1,868	6-21	1	5	62	1,009	1	1	1	1	1	260,979	1,673	10	10	



TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Popu- lation, 1910.	School census.		School census age.	Super- intendents.	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aggregate attendance.	Aver- age daily attend- ance.	Num- ber of schools (kindergar- tens includ- ed).	Num- ber of school build- ings.	Enroll- in private schools (partly esti- mated).
		Male.	Female.					Male.	Female.	Male.	Female.					
		8	4					9	10	11	12					
<b>Michigan—Continued.</b>																
Ann Arbor	14,532	3,142	3,043	5-20	1	1	7	9	110	3,580	3,521	722,260	3,611	9	9	458
East Haven	18,963	3,321	3,240	5-20	1	8	4	4	100	1,673	1,769	585,640	3,136	15	15	1,000
East St. Louis	12,615	1,766	1,968	5-20	1	2	5	9	67	1,346	1,438	424,270	2,233	9	7	.....
Traverse City	12,115	1,147	1,146	5-20	1	7	5	5	54	1,037	1,152	307,944	1,638	7	5	.....
<b>Minnesota.</b>																
Marquette	10,365	1,194	1,158	5-16	1	4	1	4	53	839	967	287,722	1,600	7	5	1,246
St. Cloud	10,600	1,185	1,088	6-16	1	4	1	4	43	737	810	223,360	1,241	6	6	.....
Stillwater	10,198	1,536	1,565	6-16	1	4	1	4	53	737	810	217,289	1,227	6	6	.....
Virginia	10,473	1,618	1,592	5-16	1	5	8	7	119	1,681	1,698	573,142	3,090	13	13	390
Winona	18,583	1,734	1,734	6-16	1	3	7	8	76	1,310	1,291	420,035	2,211	10	11	1,900
<b>Mississippi.</b>																
Hattiesburg	11,793	2,416	2,416	5-21	1	1	1	9	44	1,546	1,634	137,060	2,087	7	7	.....
Jackson	21,262	3,355	3,755	5-21	1	3	2	5	93	1,858	2,349	486,420	2,719	9	9	.....
Meridian	23,265	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Natchez	11,791	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vicksburg	20,814	2,887	2,946	5-21	1	.....	.....	6	48	1,256	1,688	387,156	2,214	6	6	.....
<b>Missouri.</b>																
St. Louis	18,341	2,677	2,297	5-20	1	.....	6	10	98	1,704	1,866	473,100	2,673	10	9	.....
St. Joseph	10,841	1,276	1,276	5-20	1	.....	1	7	58	1,087	1,102	272,696	1,546	10	10	500
Warrensburg	10,823	1,276	1,355	6-20	1	2	1	6	54	1,092	1,215	321,595	1,795	9	8	.....
Webb City	17,823	2,261	2,223	6-20	1	5	2	17	91	1,816	1,980	553,884	3,077	13	14	.....
Wichita	11,817	1,831	1,811	6-20	1	.....	1	3	63	1,791	1,748	414,865	2,305	6	6	.....
<b>Montana.</b>																
Anaconda	10,134	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Billings	10,031	1,486	1,370	6-21	1	3	3	6	79	1,287	1,434	327,548	1,835	10	10	.....
Great Falls	13,948	2,803	2,839	6-21	1	6	10	11	143	2,516	2,547	707,365	3,908	14	14	337
Helena	12,515	1,756	1,791	4-21	1	7	6	12	68	1,020	1,088	283,608	1,567	8	13	656
Missoula	12,869	1,636	1,781	6-21	1	8	.....	8	55	1,070	1,088	306,085	1,691	9	10	.....





TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18.—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.\*

Cities.	Popu- lation, 1910.	School census.		School census age.	Super- intendents.	Super- visors.	Prin- cipals.	Teachers.				Enrollment.		Aggregate attendance.	Aver- age daily attend- ance.	Num- ber of schools (kinder- gartens not includ- ed).	Num- ber of private schools (partly esti- mated).	
		Male.	Female.					Male.	Female.	Male.	Female.	Male.	Female.					
																		8
New York—Continued.																		
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Edison.....	11,417	1,022	1,021	0-21	1	4	1	4	50	360	934	290,839	1,528	5	4	396		
Ithaca.....	14,802	1,607	1,669	5-18	1	1	1	10	92	1,412	1,752	444,547	2,270	8	5			
Johnstown.....	10,447	1,035	1,091	4-18	1	1	1	4	60	1,672	1,897	209,179	1,619	6	6			
Kingston.....	25,908	2,884	2,857	4-18	1	4	9	11	105	1,937	1,897	216,768	2,791	9	9	1,100		
Lackawanna.....	14,549	2,443	2,476	5-14	1	4	4	5	86	1,054	1,012	231,698	1,788	9	6	1,581		
Little Falls.....	12,273	1,824	1,852	5-14	1	5	4	2	89	1,744	1,736	271,698	1,215	10	12	500		
Lockport.....	17,970	2,053	2,059	5-18	1	4	1	8	107	1,679	1,615	476,964	2,515	12	12			
Middletown.....	15,813	1,905	1,801	4-18	1	1	1	7	68	1,292	1,343	398,088	2,291	7	8			
Newburgh.....	27,808	3,478	3,274	4-18	1	12	7	11	122	2,282	2,169	728,788	4,049	12	10			
New Rochelle.....	28,867	5,062	4,617	4-18	1	4	4	27	206	3,418	3,298	941,482	5,319	17	12	940		
North Tonawanda.....	11,835	2,004	1,851	4-18	1	7	7	1	52	943	8,975	316,309	1,662	9	9	802		
Oranburg.....	14,423	1,620	1,603	5-18	1	5	1	6	60	975	2,098	685,699	3,433	11	10	517		
Oranburg.....	14,423	2,677	2,491	4-18	1	4	6	14	115	2,088	2,106	288,707	1,552	5	4	507		
Oswego.....	11,490	1,673	1,774	3-18	1	1	1	4	54	895	1,011	288,707	1,552	5	4	507		
Oswego.....	23,808	2,583	2,750	4-11	1	7	2	4	111	1,324	1,409	406,417	2,183	11	11			
Peachkill.....	15,243	779	753	5-18	1	1	1	2	35	646	610	182,243	990	3	3	650		
District No. 7.....	11,138	622	672	5-18	1	1	1	0	46	550	667	185,973	1,065	3	2			
District No. 8.....	11,138	1,084	1,266	6-18	1	4	7	0	46	550	667	185,973	1,065	3	2			
Plattsburgh.....	12,806	1,592	1,665	4-18	1	4	7	7	136	1,902	1,833	527,129	3,186	9	9	1,045		
Port Chester.....	27,986	2,770	2,732	5-18	1	6	8	5	118	2,270	2,782	804,275	3,186	11	11	1,300		
Poughkeepsie.....	10,711	1,864	1,863	5-18	1	2	4	6	64	816	804	240,244	1,265	7	5	638		
Romulus.....	20,497	1,766	1,659	5-18	1	4	4	6	101	1,802	1,965	571,153	3,022	7	5	1,200		
Saratoga Springs.....	12,683	1,084	1,300	5-18	1	4	4	4	68	981	1,103	338,439	1,800	6	6	296		
Saratoga Springs.....	26,780	2,951	3,110	4-18	1	4	4	0	162	2,983	3,233	967,104	5,037	14	13	46		
Watertown.....	15,074	1,754	1,800	5-18	1	1	1	1	67	1,047	1,093	321,659	1,675	7	7	1,207		
Watertown.....	15,949	2,310	2,198	4-18	1	5	7	10	110	1,965	1,859	549,617	2,943	12	11			

North Carolina:	18,762	4,533	6-21	1	2	9	10	131	2,299	2,364	837,876	4,410	16
Ashville.....	3,227	2,341	6-21	1	3	5	9	59	1,796	1,770	524,090	2,929	9
Durham.....	15,895	2,416	6-21	1	(1)	(1)	5	76	1,512	1,710	437,356	2,486	12
Greensboro.....	19,218	4,016	6-21	1	7	4	12	99	2,096	2,364	533,728	3,296	12
Raleigh.....	25,748	3,132	6-21	1	(1)	(1)	5	94	1,771	2,143	475,690	2,973	9
Wilmington.....	22,700	5,968	6-21	1	1	3	5	136	3,121	3,507	803,375	4,665	13
North Dakota:	14,331	2,725	6-21	1	5	7	7	89	1,532	1,776	541,704	2,851	12
Fargo.....	12,479	2,413	6-21	1	2	2	11	76	1,396	1,554	430,180	2,301	6
Grand Forks.....	15,093	1,940	6-21	1	3	3	13	117	2,067	2,060	607,171	3,449	11
Ohio:	15,826	2,506	6-21	1	(1)	(1)	15	84	1,765	1,765	514,593	2,967	15
Ballwin.....	12,446	2,321	6-21	1	3	10	13	53	1,502	1,467	445,316	2,545	9
Cincinnati.....	14,568	3,179	6-21	1	1	1	14	69	1,512	1,584	427,101	2,413	10
Cedarville.....	20,387	3,875	6-21	1	5	2	13	75	1,232	1,336	377,555	2,058	6
East Liverpool.....	14,825	2,613	6-21	1	2	5	16	130	2,365	2,396	690,710	4,063	21
Kirtland.....	14,538	2,067	6-21	1	2	2	13	87	1,597	1,607	468,607	2,561	11
Fondly.....	15,147	3,137	6-21	1	1	2	16	75	1,371	1,523	432,600	2,472	13
Franklin.....	15,181	3,199	6-21	1	2	2	17	85	1,364	1,411	396,002	2,271	8
Lakewood.....	15,063	3,074	6-21	1	5	8	17	169	3,000	3,049	813,696	4,739	8
Lancaster.....	22,021	3,018	6-21	1	4	6	20	63	1,600	1,367	465,852	2,182	6
Lorain.....	26,893	3,021	6-21	1	3	10	10	138	2,837	2,920	972,942	3,376	13
Lorain.....	20,768	3,550	6-21	1	(1)	(1)	17	160	1,556	1,606	432,684	2,420	19
Mansfield.....	12,925	1,853	6-21	1	1	2	13	124	2,323	2,348	623,977	4,013	9
Marietta.....	16,212	3,326	6-21	1	5	2	12	77	1,474	1,410	446,744	2,597	9
Mason.....	15,879	2,302	6-21	1	6	9	16	85	1,837	1,817	527,480	2,857	9
Middletown.....	21,132	2,780	6-21	1	2	4	14	116	2,135	2,145	601,000	3,956	16
Newark.....	18,184	2,446	6-21	1	2	5	21	90	1,448	1,618	457,869	2,434	6
Newark.....	18,398	1,779	6-21	1	2	2	10	62	1,079	1,194	371,910	2,066	6
Piquette.....	23,461	4,012	6-21	1	3	3	13	142	2,755	2,925	779,610	4,270	12
Piquette.....	19,960	2,821	6-21	1	4	1	16	82	1,519	1,579	494,001	2,732	7
Stemmyville.....	11,635	1,701	6-21	1	(1)	(1)	9	125	2,219	2,183	652,071	1,692	5
Tiffin.....	11,684	2,421	6-21	1	6	11	6	47	997	1,019	301,173	1,692	6
Warren.....	28,026	3,138	6-21	1	4	11	16	129	2,096	1,964	621,658	3,271	11
Zanesville.....	10,320	1,268	6-21	1	1	5	8	52	1,386	1,390	337,079	1,926	5
Oklahoma:	13,799	1,314	6-21	1	1	5	8	57	1,137	1,231	310,227	1,753	5
Chickasha.....	11,654	1,416	6-21	1	2	2	11	52	1,026	1,159	301,240	1,674	8
Enid.....	26,276	4,662	6-21	1	2	10	22	133	3,187	3,583	813,683	4,623	15
Guthrie.....	12,474	1,533	6-21	1	2	9	7	85	1,641	1,818	541,100	3,062	11
McAlester.....	18,182	6,689	6-21	1	10	23	49	292	5,642	5,914	1,336,925	7,841	21
Shawnee.....	14,094	2,026	4-20	1	22	22	88	1,628	1,762	412,112	2,396	10	
Truesdell.....	12,191	3,136	6-16	1	12	4	63	1,201	1,178	319,860	1,777	7	
Oregon:	19,357	2,333	6-16	2	8	5	7	56	1,222	1,360	367,848	2,188	6
Beaver Falls.....	19,357	2,333	6-16	1	8	5	7	79	1,522	1,468	436,149	2,423	6
Brook.....													5
Brook.....													6
Brook.....													5

\* Statistics of 1916-17.

\*\* Included with teachers.

\* Statistics of 1915-16.

\* Division as to sex estimated.

TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18.—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.—Continued.

Cities.	Popu- lation, 1910.	School census.		School census age.	Super- inten- dents.	Super- visors.	Prin- cipals.	Teachers.				Enrollment.			Aggregate attendance.	Aver- age daily attend- ance.	Num- ber of schools (kind- ergar- dens not includ- ed).	Num- ber of school build- ings.	Enroll- ment in private schools (partly esti- mated).
		Male.	Female.					Male.	Female.	Male.	Female.	Male.	Female.						
		8	4					9	10	11	12	13	14	15					
Pennsylvania—Continued.																			
1	14,544	1,406	1,536	6-16	1	1		12	69	1,295	1,421	397,219	2,207	8	8	590			
	20,728	2,520	2,521	6-16	1	1	4	8	108	2,405	2,530	739,382	4,107	8	7	852			
	17,260			6-16	1	2	12	11	89	1,819	1,913	590,140	3,106	14	13				
	10,205	823	931	6-16	1	1		13	39	912	1,040	298,900	1,573	10	7	50			
	10,800	1,386	1,407	6-16	1	1		9	33	1,285	1,314	405,707	2,253	9	8	100			
	11,984	1,123	1,122	6-16	1	2	6	2	40	983	940	310,140	1,752	6	7	325			
	12,645	1,525	1,563	6-16	1	2	5	4	74	1,256	1,341	438,660	2,437	6	6				
	17,615	2,268	2,377	6-16	1	10		12	79	1,486	1,483	497,935	2,796	8	8				
	28,523	3,213	3,047	6-16	2	10	1	30	121	2,811	2,821	964,080	5,074	13	15	550			
	16,190	1,297	1,366	6-16	1	4	1	13	60	1,539	1,604	450,948	2,505	9	9	377			
	18,713	2,066	2,103	6-16	2	2	7	15	89	1,911	1,798	314,020	2,859	8	7				
	19,240	1,972	2,068	6-16	1	3	1	13	77	1,843	1,978	640,986	3,338	13	11	750			
	14,702	1,700	1,600	6-16	1	1		2	42	1,051	968	315,200	1,576	5	4	1,500			
	15,806	1,850	1,895	6-16	1	1		3	39	1,468	1,596	505,277	2,796	7	7				
	17,725	1,723	1,785	7-16	1	4	5	2	68	1,013	1,162	338,560	1,992	5	6				
	17,532	2,413	2,553	6-16	1	3	3	4	95	2,058	2,006	618,268	3,435	8	7	205			
	18,877	2,553	2,462	6-16	1	1	2	1	56	1,201	1,127	393,480	2,196	7	6	1,986			
	27,875	2,810	3,011	6-16	1	0		14	99	2,525	2,368	703,453	3,317	8	11	890			
	14,624	1,590	1,621	6-18		2	4	5	61	1,197	1,180	393,464	2,197	4	4	680			
	15,657																		
	11,324																		

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Abbeville	10,743	920	945	6-16	1	1	4	1	42	832	815	255,225	1,366	5	7	450
Abbeville	16,267	2,159	2,139	6-16	1	1	2	1	79	1,461	1,495	492,000	2,460	8	7	180
Abbeville	16,998	1,787	1,839	6-16	1	1	1	1	56	1,441	1,513	470,880	2,616	8	7	180
Abbeville	15,599	1,658	1,658	6-16	1	1	1	1	9	1,350	1,334	482,120	2,415	22	22	386
Abbeville	20,236	1,879	1,879	6-16	1	1	2	1	72	1,639	1,637	560,120	2,948	13	12	386
Abbeville	19,588	2,440	2,428	6-16	1	1	5	7	15	1,976	1,997	673,462	3,741	8	8	603
Abbeville	15,270	2,069	2,000	6-16	1	1	5	2	10	1,888	1,872	550,990	3,061	9	12	603
Abbeville	25,774	3,114	3,254	6-16	2	2	2	3	86	1,900	2,130	651,440	3,619	12	12	603
Abbeville	14,246	1,330	1,314	6-16	1	2	2	9	66	1,615	1,545	469,413	2,538	9	9	9
Abbeville	13,770	1,339	1,339	6-16	1	4	4	6	66	1,543	1,483	480,321	2,504	9	9	9
Abbeville	13,344	1,288	1,288	6-16	1	4	4	6	67	1,495	1,433	460,500	2,353	8	8	9
Abbeville	11,080	2,029	2,005	6-16	2	4	4	8	83	1,495	1,433	460,500	2,353	8	8	9
Abbeville	11,778	981	988	6-16	1	2	2	1	102	1,088	1,088	344,400	1,722	5	5	527
Abbeville	11,767	981	988	6-16	1	2	2	1	102	1,088	1,088	344,400	1,722	5	5	527
Abbeville	18,924	1,897	1,897	6-16	1	3	3	6	103	1,849	1,862	577,980	3,211	6	5	5
Abbeville	22,754	1,424	1,460	5-18	1	4	4	4	81	1,168	1,135	317,003	1,738	11	10	2,602
Abbeville	21,107	2,962	2,953	6-18	1	5	5	5	150	2,919	2,948	736,290	4,292	23	23	19
Abbeville	10,107	1,243	1,244	5-18	1	1	1	2	44	595	661	227,843	1,193	16	19	528
Abbeville	15,908	3,210	3,105	5-18	1	4	4	1	91	2,030	1,936	556,510	2,929	22	22	528
Abbeville	27,149	1,785	1,520	5-18	1	3	3	6	183	2,067	2,106	555,208	3,433	14	15	528
Abbeville	26,629	3,969	3,969	6-21	1	3	3	6	65	1,383	1,265	322,340	2,002	18	18	528
Abbeville	26,319	3,969	3,969	6-21	1	3	3	6	107	2,900	3,224	684,227	4,223	11	10	528
Abbeville	15,741	2,794	2,888	6-21	1	2	2	13	77	2,226	2,433	565,000	3,228	9	8	417
Abbeville	17,517	1,432	1,561	6-21	1	2	2	10	65	1,032	1,080	312,649	1,787	8	8	417
Abbeville	10,753	2,549	2,561	6-21	1	8	8	11	117	1,970	2,069	528,346	3,010	13	13	827
Abbeville	14,094	2,549	2,561	6-21	1	8	8	11	117	1,970	2,069	528,346	3,010	13	13	827
Abbeville	15,779	2,741	2,898	6-21	1	1	1	6	70	1,800	2,099	460,960	2,561	8	7	827
Abbeville	29,860	4,012	4,156	7-18	1	17	17	20	151	3,383	3,481	839,164	4,795	18	18	175
Abbeville	20,640	3,703	3,879	7-18	1	12	12	8	134	3,230	3,386	836,844	4,782	13	12	175
Abbeville	10,517	1,790	1,927	7-18	1	3	3	1	43	848	769	174,396	1,044	9	10	175
Abbeville	10,364	1,892	2,265	7-18	1	3	3	16	73	1,688	1,979	483,102	2,989	8	8	175
Abbeville	13,682	2,265	2,166	7-18	1	3	3	8	68	1,757	1,851	498,312	2,925	10	10	175
Abbeville	14,855	3,158	3,158	7-18	1	3	3	8	68	1,757	1,851	498,312	2,925	10	10	175
Abbeville	11,452	2,237	2,386	7-18	1	1	1	9	61	1,402	1,228	376,536	2,164	10	10	215
Abbeville	10,482	1,102	1,102	7-18	1	1	1	12	43	1,060	1,287	413,573	2,361	10	10	215
Abbeville	11,269	2,140	2,337	7-18	1	1	1	13	80	1,631	1,709	391,293	2,126	11	11	215
Abbeville	10,321	1,115	1,100	7-18	1	1	1	13	80	1,631	1,709	391,293	2,126	11	11	215
Abbeville	12,412	1,609	1,750	7-18	1	1	1	13	80	1,631	1,709	391,293	2,126	11	11	215
Abbeville	10,983	1,228	1,284	7-18	1	2	2	6	57	1,576	1,519	430,414	1,459	8	8	215
Abbeville	10,400	1,920	1,920	7-18	1	2	2	2	6	1,291	1,311	337,574	1,897	10	10	215
Abbeville	10,400	1,920	1,920	7-18	1	2	2	2	6	1,291	1,311	337,574	1,897	10	10	215
Abbeville	26,425	3,960	4,202	7-18	1	4	4	10	187	4,461	4,777	1,091,066	6,307	18	18	195
Abbeville	25,580	4,488	4,413	6-18	1	3	3	12	235	3,524	3,490	978,049	5,526	15	15	195

Statistics of 1915-16.

Division as to sex estimated.

TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

City.	Population, 1910.		School census.				Public schools.										Enroll-ment in private schools (partly esti-mated).
	Males.	Females.	School census age.	Super-intendents.	Super-visors.	Princi-pals.	Teachers.		Enrollment.		Aggregate attendance.	Aver-age daily attendance.	Num-ber of schools (partly not includ-ed).	Num-ber of school build-ings.			
							Male.	Female.	Male.	Female.							
1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Vermont:																	
Barrington	10,754	1,297	6-18	1	3		4	63	1,183	1,179	324,960	2,102	9	8			
Burlington	20,468	1,825	6-18	1	6	2	9	105	1,382	1,441	373,660	2,198	10	10			
Rutland	13,546	1,389	8-16	1			9	90	997	1,018	306,873	1,716	10	10	740		
Virginia:																	
Alexandria	15,329	2,182	7-20	1	2	1	7	46	1,143	1,386	373,464	1,976	2	1	375		
Danville	19,020	2,574	7-20	1			7	86	1,689	1,912	577,962	3,318	8	8	754		
Lynchburg	26,464	2,998	7-20	1			7	9	2,305	3,017	604,604	3,322	8	8			
Newport News	20,206	2,480	7-20	1	2	7	9	112	2,309	2,850	737,290	3,036	11	8	583		
Petersburg	24,137	2,946	7-20	1	2	5	9	99	2,309	2,850	737,290	3,036	11	8	583		
Roanoke	10,604	1,523	7-20	1	2	2	5	35	632	785	204,120	1,134	5	5	1,201		
Washington:																	
Arlington	13,660	1,921	6-21	1	4	19	8	64	1,321	1,254	348,680	1,960	9	9	978		
Beltsville	24,268	4,073	6-21	1	9	7	25	120	2,212	2,343	663,580	3,806	13	13	315		
Bethesda	24,814	3,519	4-21	1	1	8	21	132	2,649	2,780	744,940	4,139	13	14	844		
Waltersville	19,684	2,194	4-21	1	3	4	12	94	1,653	1,782	476,755	2,603	7	9			
Yakima	16,682	1,885	5-21	1	4	7	11	96	1,701	1,663	476,015	2,645	9	9	578		
West Virginia:																	
Bluefield	11,188	2,011	6-21	1	3	4	5	64	1,766	1,886	474,014	2,663	12	12	28		
Charleston	22,996	4,973	6-21	1	6	12	16	202	3,533	3,598	982,760	6,414	19	19	263		
Martinsburg	10,686	1,237	6-21	1	1		9	39	548	627	220,941	1,323	6	6	183		
Parkersburg	17,842	3,197	6-21	1	4	9	22	123	2,323	2,360	671,872	3,712	15	14			
Wisconsin:																	
Appleton	16,773	2,833	4-20	1	1	6	13	107	1,630	1,648	442,255	2,517	12	10	1,630		
Ashland	11,964	2,220	4-20	1	1	1	4	7	1,001	1,040	331,580	1,927	7	7			
Beaumont	15,125	2,494	4-20	1	2	2	10	123	2,330	2,288	703,191	3,968	10	9			
East Chaire	18,310	2,892	4-20	1	4	2	19	92	1,770	1,663	442,545	2,535	13	11	686		
Fond du Lac	18,797	2,963	4-20	1	3	3	5	105	1,960	1,926	615,344	3,239	12	10	648		
Green Bay	25,226	4,191	4-20	1	3	3	21	144	2,510	2,799	721,487	4,008	17	15	1,944		

Janeville.....	13,864	1,678	1,740	4-20	1	4	2	7	70	1,145	1,302	337,787	1,985	11	10	508
Kenosha.....	21,371	4,462	4,539	7-20	1	7	9	16	158	3,290	2,871	733,623	4,206	15	13	1,912
Kendishon.....	12,027	2,596	2,643	4-20	3	5	13	16	192	2,967	3,222	699,983	4,949	18	16	1,336
Madison.....	14,810	2,338	2,471	4-20	1	3	2	17	77	1,460	1,650	394,981	2,157	9	7	1,090
Madisonville.....	26,398	4,468	4,324	4-20	1	6	11	16	63	1,392	1,563	400,196	2,213	9	7	981
Shelburne.....	16,660	2,029	3,087	4-20	2	3	4	26	138	2,820	2,837	767,047	3,917	11	12	2,087
Wausau.....	11,320	1,470	1,484	7-21	1	2	1	10	101	1,915	1,971	661,456	3,119	12	8	1,098
Wisconsin.....																
Wyoming.....																
Chayenne.....																

\* Statistics of 1915-16.

\* Division as to sex, estimated.

TABLE 85.—Personnel and number of kindergarten and elementary schools, 1917-18.

GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

Cities.	Kindergarten.						Elementary.									
	Super- visors.	Prin- cipals.	Teach- ers (total).	Enrollment.		Aver- age daily attend- ance.	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aver- age daily attend- ance.	Num- ber of schools.		
				Male.	Fe- male.				Male.	Fe- male.	Male.	Fe- male.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Alabama:																
Birmingham.....									24	41	545	13,015	13,305	3,261,379	18,427	54
California:																
Los Angeles.....	1		287	5,199	5,168	901,729	4,874	58	92	140	1,902	34,234	32,822	9,357,644	50,882	188
Oakland.....			42	1,542	1,592	272,128	1,440	12	32	30	1,686	12,681	12,313	3,006,822	20,671	44
San Francisco.....			22	839	881	143,728	741	8	75	24	1,286	27,228	25,828	7,997,283	41,283	84
Colorado:																
Denver.....	1		74	2,249	2,368	215,832	1,173	9	48	29	727	13,701	13,702	4,189,864	22,771	64
Connecticut:																
Bridgeport.....			21	498	474	124,214	708	8	25	0	455	9,820	9,570	2,997,892	16,521	29
New Haven.....	1		51	1,407	1,349	534,690	1,961	11	17	17	567	11,263	11,332	3,553,104	19,204	50
Westville district.....			8	86	82	29,215	142	2		3	33	514	614	182,480	986	3
District of Columbia:																
Washington.....	2		157	1,990	2,099	377,884	2,183	16	15	81	1,235	24,399	25,314	6,923,203	39,440	140
Georgia:																
Atlanta.....			407	19,290	19,203	3,278,420	18,013	8	50	0	608	12,675	13,930	4,087,630	22,709	59
Illinois:																
Chicago.....			38	978	1,144	174,432	948	5	16	56	884	18,599	18,745	5,188,852	28,988	72
Indiana:																
Indianapolis.....	1		87	1,605	1,477	262,864	1,664	10	60	40	1,021	19,762	21,957	5,607,536	31,861	83
Kentucky:																
Louisville.....			47	638	626	117,705	665	6	97	120	1,990	37,300	36,984	9,524,547	53,811	101
Louisiana:																
New Orleans.....	1		274	4,372	4,134	967,512	5,461	34	68	177	2,138	49,537	45,879	13,068,530	76,915	68
Maryland:																
Baltimore.....	1		33	423	407	102,884	578	1	28	8	329	5,960	5,642	1,876,602	10,559	28
Massachusetts:																
Boston.....	2		21	246	270	48,224	274	6	30	11	450	7,386	7,270	2,120,024	12,049	53
Cambridge.....	1		24	354	331	58,273	333	7	12	2	260	5,563	5,344	1,610,360	9,202	48
Fall River.....			48	1,145	1,121	209,020	1,205	6	42	3	610	10,808	10,655	3,226,397	18,000	71
Lowell.....																
Worcester.....																

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Missouri:	2	7,254	7,282	1,090,362	5,991	20	113	34	1,799	40,738	40,033	11,472,370	63,035	126
Detroit.....	2	1,214	1,226	294,202	1,692	12	34	31	443	6,237	6,585	1,864,584	10,004	39
Grand Rapids.....	1	1,003	2,944	515,044	2,830	6	68	57	1,105	27,048	21,177	6,794,924	37,334	76
Minneapolis.....	1	1,003	2,944	515,044	2,830	6	68	57	1,105	27,048	21,177	6,794,924	37,334	58
St. Paul.....	1	1,003	2,944	515,044	2,830	6	68	57	1,105	27,048	21,177	6,794,924	37,334	78
Missouri:	2	2,405	2,312	511,670	2,693	10	53	67	865	18,343	18,340	5,399,210	28,259	102
Kansas City.....	2	2,405	2,312	511,670	2,693	10	53	67	865	18,343	18,340	5,399,210	28,259	52
St. Louis.....	2	2,405	2,312	511,670	2,693	10	53	67	865	18,343	18,340	5,399,210	28,259	35
Nebraska:	1	1,415	1,461	325,600	1,760	9	51	0	709	11,851	11,813	3,568,650	19,290	25
Omaha.....	1	1,415	1,461	325,600	1,760	9	51	0	709	11,851	11,813	3,568,650	19,290	22
New Jersey:	6	284	258	45,896	237	7	38	0	771	19,112	18,361	5,748,704	29,709	34
Jersey City.....	6	284	258	45,896	237	7	38	0	771	19,112	18,361	5,748,704	29,709	56
Newark.....	142	5,369	5,267	957,570	4,074	23	74	74	1,378	29,895	28,331	8,870,867	46,114	25
Paterson.....	2	1,146	1,091	368,080	1,750	16	23	8	479	9,317	9,182	2,654,094	15,080	22
New York:	1	414	490	113,280	590	6	15	21	294	5,255	4,912	1,592,029	8,259	62
Albany.....	1	414	490	113,280	590	6	15	21	294	5,255	4,912	1,592,029	8,259	507
Buffalo.....	1	2,658	2,538	595,964	3,088	10	55	44	1,496	28,722	28,220	8,232,801	42,657	40
New York.....	3	922	33,522	5,081,904	27,604	194	928	1,533	18,116	373,707	365,977	114,556,899	609,709	35
Rochester.....	134	2,727	2,848	486,444	2,713	16	38	23	445	9,467	9,082	3,996,333	22,706	47
Syracuse.....	54	945	970	228,552	1,284	5	35	23	445	9,467	9,082	3,996,333	22,706	61
Ohio:	11	4,237	4,145	1,176,266	6,413	43	199	208	1,172	24,273	23,900	6,579,917	36,791	106
Cincinnati.....	11	4,237	4,145	1,176,266	6,413	43	199	208	1,172	24,273	23,900	6,579,917	36,791	84
Cleveland.....	10	291	323	59,774	314	8	51	44	3,297	47,292	46,133	14,315,837	76,648	24
Columbus.....	1	718	718	200,070	1,053	0	24	19	404	6,300	6,185	2,632,897	13,857	47
Dayton.....	1	1,723	1,837	427,122	2,354	0	40	36	702	13,354	12,838	4,040,538	22,081	61
Toledo.....	8	268	241	40,492	212	7	44	33	778	16,220	15,940	4,507,218	23,598	201
Oregon:	2	5,004	5,281	1,233,964	6,427	48	190	402	4,049	110,857	114,452	32,086,536	170,268	125
Portland.....	2	5,004	5,281	1,233,964	6,427	48	190	402	4,049	110,857	114,452	32,086,536	170,268	67
Pittsburgh.....	1	477	484	136,695	701	10	25	35	507	10,033	9,968	3,261,460	16,828	91
Scranton.....	1	477	484	136,695	701	10	25	35	507	10,033	9,968	3,261,460	16,828	34
Rhode Island:	1	1,786	1,703	274,848	1,636	4	19	20	752	15,656	15,170	4,223,103	24,411	75
Providence.....	1	1,786	1,703	274,848	1,636	4	19	20	752	15,656	15,170	4,223,103	24,411	34
Tennessee:	2	4,119	4,318	752,621	3,713	8	125	91	1,682	35,063	33,255	10,896,211	54,491	33
Memphis.....	2	4,119	4,318	752,621	3,713	8	125	91	1,682	35,063	33,255	10,896,211	54,491	39
Nashville.....	1	477	484	136,695	701	10	25	35	507	10,033	9,968	3,261,460	16,828	75
Virginia:	2	412	467	96,654	534	8	25	103	645	10,264	11,446	3,081,103	17,023	34
Richmond.....	2	412	467	96,654	534	8	25	103	645	10,264	11,446	3,081,103	17,023	34
Washington:	17	580	531	124,000	678	12	58	75	870	18,448	17,870	5,024,550	27,456	65
Seattle.....	17	580	531	124,000	678	12	58	75	870	18,448	17,870	5,024,550	27,456	34
Spokane.....	157	3,638	3,803	884,903	4,633	9	100	6	955	23,005	22,586	7,273,280	38,090	65
Wisconsin:														
Milwaukee.....														

1 Excluding pupils enrolled in other schools within the State during the year.  
 2 Not including Westville district.  
 3 Estimated.



TABLE 85.—Personnel and number of kindergarten and elementary schools, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

Cities.	Kindergarten.						Elementary.							
	Super- visors.	Prin- cipals.	Teach- ers (total).	Enrollment.		Aver- age daily attend- ance.	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aver- age daily attend- ance.	Num- ber of schools.
				Male.	Fe- male.				Male.	Fe- male.	Male.	Fe- male.		
1	2	0	4	5	6	7	2	10	11	12	13	14	15	17
Alabama:														
Mobile.....	1		21	241	268	42,071	4	5	6	177	2,996	3,262	741,431	13
Montgomery.....							2		3	114	2,544	2,965	650,045	13
Arizona:														
Little Rock.....							4	8	10	250	4,554	4,662	1,250,280	22
California:														
Berkeley.....			17	407	426	73,873	3	17	13	207	3,782	3,633	1,046,652	18
Frederica.....			28	332	260	62,766	2	9	14	183	2,886	2,801	717,104	23
San Francisco.....	1		27	524	535	78,929	7	15	8	265	4,263	3,943	1,067,003	22
San Diego.....			30	666	786	108,540	20	20	1	209	4,308	4,138	1,181,037	27
Colorado:														
Prescott.....			8	138	131	32,716	7	5	2	87	1,501	1,604	501,178	8
District No. 1.....			14	317	325	60,840	3	7	0	116	2,133	2,107	585,289	12
Connecticut:														
Hartford.....							13	18	37	517	7,029	11,442	2,736,720	17
Meriden.....							6	6	3	130	2,324	2,235	601,977	17
New Britain.....			21	600	700	110,100	5	15	13	196	3,600	3,710	1,017,180	14
Waterbury.....			31	475	474	136,800	13	23	0	352	6,163	5,844	1,972,440	32
Delaware:														
Wilmington.....							1	24	0	306	5,415	6,670	1,677,695	30
Florida:														
Jacksonville.....							3		16	268	5,569	6,318	1,473,889	31
Tampa.....							1	8	49	335	6,831	7,110	1,394,224	98
Georgia:														
Augusta.....			19	205	215	49,333	2	7	2	203	3,641	4,031	81,240,244	14
Savannah.....							3	6	5	201	5,087	5,423	1,364,040	48
Waynesboro.....							3	14	4	87	4,886	5,810	1,504,100	16
Illinois:														
Decatur.....							3	2	5	150	2,966	3,030	833,937	15
East St. Louis.....			4	87	73	26,100	3	12	17	232	4,023	4,816	1,440,644	14
Peoria.....			22	741	801	119,336	12	21	13	247	4,089	4,886	1,368,227	21
Peoria.....							12	21	13	247	4,089	4,886	1,368,227	21

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	1	21	42	4,480	24	4	12	19	14	3	103	1,498	1,890	548,454	2,949	12
Quincy											262	4,198	4,059	1,171,247	6,435	21
Rockford											256	4,260	4,156	1,260,215	6,090	20
Springfield																
Indian:																
Franklin																
Terre Haute																
Cedar Rapids																
Davenport																
Des Moines																
Sioux City																
Kansas:																
Kansas City																
Topeka																
Wichita																
Kentucky:																
Covington																
Lexington																
Newport																
Mass:																
Fertland																
Massachusetts:																
Brockton																
Chelsea																
Everett																
Fitchburg																
Haverhill																
Holyoke																
Lawrence																
Lynn																
Malden																
New Bedford																
Newton																
Nittsfield																
Orleans																
Somerville																
Salem																
Springfield																
Taunton																
Michigan:																
Bay City																
Cahmet																
Flint																
Jackson																
Kalamazoo																
Lansing																
Baginaw																
East side																
West side																

\* Division as to sex estimated.

\* Estimated.

TABLE 85.—Personnel and number of kindergarten and elementary schools, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities	Kindergarten.						Elementary.										
	Super- visors.	Prin- cipals.	Teach- ers (total).	Enrollment.		Aver- age daily attend- ance.	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aver- age daily attend- ance.	Num- ber of schools.			
				Male.	Fe- male.				Male.	Fe- male.	Male.	Fe- male.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Minnesota:																	
Duluth.....	1		31	733	692	180,865	988	11	25	0	355	5,588	3,472	2,040,206	11,108	35	
Wisconsin:																	
Joplin.....								2	9	14	146	3,911	3,965	1,024,470	5,692	18	
St. Joseph.....								5	32	10	329	5,352	5,441	1,474,812	8,259	37	
Springfield.....								9	9	7	265	3,342	3,321	984,520	4,914	19	
Montana:																	
Billings.....	1		8	226	238	26,155	152	7	12	8	223	4,014	3,912	1,016,788	5,903	23	
Nebraska:																	
Lincoln.....			17	468	458	139,040	790	8	17	11	242	4,146	4,171	1,135,728	6,453	18	
New Hampshire:																	
New Manchester.....			10	135	121	38,340	216	6	3	8	172	3,283	3,298	952,693	5,249	20	
New York:																	
Albany.....			21	351	346	59,083	340	13	11	0	201	3,445	3,347	870,136	5,001	11	
Albany City.....			12	614	544	126,100	650	6	23	22	297	5,410	5,257	1,712,258	8,626	11	
Canandaigua.....			5	416	368	69,200	472	6	23	4	177	8,228	8,028	2,309,073	12,256	11	
East Orange.....			18	416	368	69,200	472	10	18	2	280	5,693	5,296	1,769,025	9,075	9	
Elkabeth.....			19	440	435	72,683	395	10	18	13	260	4,812	4,687	1,414,981	7,989	18	
Hoboken.....			18	679	664	130,008	715	10	10	10	219	4,584	4,501	1,403,690	7,712	9	
Passaic.....			10	351	352	101,032	558	5	5	2	159	3,520	3,277	1,067,453	5,345	13	
Perth Amboy.....			63	1,267	1,366	418,702	2,204	9	25	10	354	5,960	5,623	1,990,137	8,738	32	
Trenton.....			6	294	280	112,700	575	5	6	0	135	2,975	2,837	874,160	4,460	7	
West Hoboken.....			7	212	166	60,480	315	5	8	6	98	1,766	1,705	597,534	3,112	11	
New York:																	
Amsterdam.....	1		10	225	233	47,872	256	10	12	4	160	1,822	1,874	582,664	3,116	14	
Albany.....			18	474	381	106,590	70	4	14	5	246	3,455	3,459	1,044,054	5,583	14	
Binghamton.....			12	320	289	64,787	339	7	10	0	137	2,580	2,447	700,966	3,709	10	
Elmira.....			15	408	390	66,994	364	2	9	3	145	2,664	2,550	888,312	4,389	14	
Geneva.....			13	327	317	60,586	392	1	11	2	174	3,201	3,008	837,797	5,124	14	
Mount Vernon.....			21	501	472	93,781	554	3	22	6	161	3,073	2,573	918,717	4,760	13	
Schenectady.....			21	501	472	93,781	554	3	22	9	396	6,459	6,492	2,060,148	11,076	22	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Troy	1	18	213	270	45,324	252	7	11	2	139	2,238	2,023	707,251	3,929	13
Union district		4	72	54	18,700	100	3	0	0	47	689	777	222,348	1,189	15
Wilmington district		28	879	1,069	171,570	903	3	20	9	320	6,063	5,643	1,646,259	8,664	22
Utica	1	27	561	634	115,000	653	15	14	17	434	7,190	6,846	2,066,589	11,912	22
North Carolina															
Charlotte							3		3	146	3,334	3,660	768,390	4,925	10
Ohio															
Akron		28	1,685	1,619	251,259	1,373	5	21	0	411	10,263	10,086	3,648,837	19,939	27
Canton		3	84	114	31,200	173	5	17	0	273	3,822	4,730	1,466,032	8,145	26
Hamilton		4	86	94	20,920	116	5	12	12	124	2,267	2,232	671,353	3,710	22
Springfield		5	207	240	45,924	208	5	1	15	133	4,117	4,244	1,155,440	6,880	22
Youngstown		5	60	61	11,860	100	4	27	27	433	8,452	8,443	2,546,612	14,228	40
Alabama															
Oklahoma		26	987	1,022	201,441	1,144	5	20	11	302	6,568	6,731	1,611,533	9,156	32
Pennsylvania															
Allentown							6	1	39	201	5,550	5,473	1,608,180	8,265	24
Allentown							4	12	16	203	4,140	4,011	1,194,942	6,765	16
Allentown							4	9	9	124	2,063	2,070	628,960	4,361	13
Beaham							4	5	6	176	3,011	3,041	968,320	2,224	21
Beaham							5	5	0	279	5,230	5,114	1,565,000	7,965	20
Beaham							5	17	0	236	2,232	2,260	1,024,034	6,248	20
Beaham							3	14	14	109	2,877	2,788	870,126	4,746	10
Beaham							3	12	14	234	3,998	3,865	1,479,320	6,884	23
Beaham							8	3	24	234	3,214	3,790	1,057,040	5,928	17
Beaham							3	11	12	183	3,526	3,769	1,089,720	6,054	14
Beaham							14	9	3	344	5,326	5,190	2,278,204	11,496	44
Beaham							4	9	3	117	2,718	2,717	1,077,324	8,828	23
Beaham							12	3	20	227	5,326	5,190	1,754,965	4,081	23
Beaham							3	13	110	3,314	2,547	2,547	754,965	4,081	23
Beaham							9	21	21	170	3,384	3,407	957,720	5,321	23
Rhode Island							4	8	2	229	3,405	3,659	1,031,615	5,861	23
Fairfield							5	4	4	126	2,130	2,178	638,040	3,272	21
Woonsocket							2	9	2	130	3,007	3,422	877,669	4,849	7
South Carolina															
Charleston							6	14	4	186	3,913	4,169	969,394	5,610	15
Tennessee															
Chattanooga							2	21	24	245	6,165	6,382	1,684,831	10,094	38
Knoxville							6	77	15	534	8,809	9,222	2,189,616	12,441	30
Texas															
Dallas		18	417	396	77,968	448	7	30	8	276	5,408	5,050	1,598,815	6,492	15
El Paso		5	240	195	45,066	237	3	14	16	261	5,981	6,318	1,620,811	7,419	23
Fort Worth		18	520	564	77,171	441	4	20	16	129	2,310	2,306	598,371	3,419	9
Galveston							6	8	7	420	8,773	8,211	2,243,300	12,947	47
Houston		5	174	170	29,997	173	11	32	15	366	10,071	10,013	2,365,012	13,230	33
Houston		3	129	129	17,367	98	5	31	13	571	10,913	10,774	3,080,710	17,307	34
Utah															
Salt Lake City							10	29	29	571	10,913	10,774	3,080,710	17,307	34

\* Division as to sex estimated.

• Estimated per 1916 report.

\* Estimated of 1915-16.

• Statistics of 1915-16.

TABLE 85.—Personnel and number of kindergarten and elementary schools, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	Kindergarten:										Elementary.									
	Super- visors.	Prim- cipals.	Teach- ers (total).	Enrollment:		Aggr- gate daily attend- ance.	Aver- age daily attend- ance.	Super- visors.	Prim- cipals.	Teachers.		Enrollment:		Aggr- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.				
				Male.	Fe- male.					Male.	Fe- male.	Male.	Fe- male.							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17				
Virginia:																				
New York																				
Pennsylv.																				
Illinois																				
Washington																				
Indiana																				
West Virginia																				
Ohio																				
Michigan																				
Wisconsin																				
La. Cross																				
Oshkosh																				
Racine																				
Superior																				
Alabama:																				
Auburn																				
Birmingham																				
Montgomery																				
Tuscaloosa																				
Mobile																				
Anniston																				
Ft. Smith																				
Hot Springs																				
North Little Rock																				
Pine Bluff																				

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.



TABLE 85.—Personnel and number of kindergarten and elementary schools, 1917-18.—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.—Continued.

Cities.	Kindergarten.						Elementary.									
	Super- visors.	Prin- cipals.	Teach- ers (total).	Enrollment.		Aver- age attend- ance.	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aver- age attend- ance.	Num- ber of schools.		
				Male.	Fe- male.				Male.	Fe- male.	Male.	Fe- male.			Male.	Fe- male.
1	2	3	4	5	6	7.	8	9	10	11	12	13	14	15	16	17
<b>Illinois—Continued.</b>																
Canton.....								3		5	45	1,023	1,073	285,244	1,585	8
Champaign.....								3		1	58	1,103	1,071	313,887	1,758	9
Chicago Heights.....						19,049	98	4		0	59	1,414	1,366	437,330	2,254	7
Chicago.....			2	69	63			4		8	110	2,718	2,451	820,046	4,321	12
Clear.....								2		3	78	1,727	1,705	499,840	2,717	8
Danville.....								4	1	3	115	1,646	1,650	554,260	2,996	11
Elgin.....								5	11	2						
Evanston.....								5		2						
District No. 75.....			7	194	170	33,815	184	4	8	3	81	1,387	1,343	419,962	2,333	8
District No. 76.....			4	143	132	37,900	210	1		0	50	1,931	1,793	252,342	1,402	4
Freeport.....								1		1	67	1,242	1,176	371,256	2,063	4
Galesburg.....								3		0	93	1,660	1,684	460,960	2,660	11
Jacksonville.....								2		1	49	1,897	1,865	246,048	1,398	8
Kankakee.....								3	5	1	36	1,491	1,443	390,395	2,070	9
La Salle.....								2		2	34	691	643	207,338	1,256	2
Lincoln.....								3		0	41	663	690	227,328	1,256	8
Mazon.....								1		0	54	1,123	1,191	341,927	1,868	7
Moline.....			11	216	237	54,220	304	4	7	0	83	1,820	1,773	519,826	2,895	14
Oak Park.....			4	99	95	25,576	139	2	9	2	135	2,446	2,359	745,752	4,053	6
Rock Island.....								4	9	2	108	2,225	2,165	564,546	3,421	13
Streator.....								3	5	2	58	1,055	1,137	318,004	1,683	10
Waukegan.....								3		3	63	1,429	1,339	432,742	2,339	7
<b>Indiana:</b>																
East Chicago.....			6	129	132	29,141	151	7	8	13	96	1,797	1,721	505,816	2,621	6
Elkhart.....								4		4	82	1,579	1,440	496,314	2,757	10
Evansville.....			13	506	445	107,634	656	3	5	3	41	3,994	3,057	299,718	1,965	6
Gary.....			13	362	346	99,660	524	3	10	8	175	3,165	3,063	850,635	4,407	11
Hammond.....			3	91	126	16,112	29	5	4	2	117	2,534	2,575	250,080	3,106	11
Jeffersonville.....								4		4	30	648	574	225,060	1,317	5
Kokomo.....								2	1	5	4	10	104	271,000	1,317	5
La Fayette.....								4	7	8	82	2,123	2,048	520,348	2,891	9
								4		4	71	1,313	1,230	322,541	1,780	9

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

545.

State	City	2	4	61	69	21,680	114	3	3	0	32	702	731	28,786	1,244	3
Iowa	Lepore	2	4	61	69	21,680	114	3	3	0	32	702	731	28,786	1,244	3
	Logansport															
	Marion															
	Michigan Cky.		4	118	126	30,865	167	5	11	8	98	1,788	1,724	3,022,850	2,874	11
	Misshawa		7	88	110	32,000	160	6	4	6	63	1,553	1,531	334,002	1,805	9
	Muskego							10	8	0	49	785	768	257,200	1,288	8
	New Albany							6	20	107	1,929	1,961	367,404	2,041	8	
	Peru							1	5	72	1,571	1,517	451,670	2,532	12	
	Waltham							4	5	45	800	842	245,810	1,366	7	
	Waukegan							3	18	76	1,609	1,598	440,043	2,472	10	
Iowa	Boone	1	4	113	146	28,631	150	4	1	6	50	1,345	1,292	353,253	1,963	8
	Burlington							6	2	53	968	925	282,188	1,603	7	
	Clinton							4	8	1	95	1,579	1,611	478,689	2,630	12
	Council Bluffs							5	7	3	81	1,205	1,236	349,095	1,847	10
	Iowa City							2	11	1	126	2,716	2,741	723,776	4,208	18
	Keokuk							3	2	1	40	570	577	157,149	919	8
	Marshalltown							5	3	1	57	896	974	280,345	1,496	6
	Mason City							3	7	1	61	1,157	1,057	308,354	1,771	8
	Muscatine							3	7	1	74	1,173	1,105	337,844	1,877	9
	Ottumwa							5	10	4	129	2,243	2,192	642,330	3,510	15
Kansas	East side															
	West side															
	Atchison							11	8	0	90	1,471	1,445	432,540	2,338	8
	Cadysville										84	1,072	1,076	324,275	1,853	6
	Fort Scott										43	783	793	206,924	1,196	7
	Hutchinson							2	3	2	62	1,380	1,365	338,948	1,937	11
	Independence							2	2	2	41	1,169	1,208	242,886	1,372	10
	Lawrence							3	4	4	88	1,767	1,855	485,726	2,824	9
	Leavenworth							5	3	8	52	1,072	1,144	312,967	1,739	5
	Parsons							4	3	5	54	968	938	275,800	1,576	8
Kentucky	Pittsburg							2	4	4	44	1,119	1,171	283,714	1,639	6
	Frankfort										77	1,713	1,729	453,133	2,574	8
	Henderson							7	2	0	46	580	718	183,118	954	7
	Owensboro							2	2	7	53	1,045	1,054	265,288	1,442	8
	Paducah							3	3	6	55	1,170	1,228	293,438	1,570	8
	Alexandria							3	3	3	88	1,866	1,764	530,338	2,998	10
	Baton Rouge							1	2	3	49	1,769	1,296	240,008	1,579	2
	Lake Charles							1	2	0	40	801	877	202,576	1,151	5
	Monroe							30	1	3	49	1,169	1,296	240,008	1,379	2
	Maine	Shrewsbury							5	3	3	121	2,565	2,784	640,080	3,556
Auburn								8	2	5	64	1,157	1,120	315,379	1,923	23
Bangor								2	3	4	107	2,469	1,908	350,499	3,800	29
Biddeford								2	2	0	10	63	1,115	271,450	1,525	21
Lewiston								2	2	0	6	1,198	1,115	271,450	1,525	21
Waterville								4	3	1	53	965	881	261,154	1,471	9

\* Division as to sex estimated.

\* Statistics of 1915-16.

\* Estimated.





Table 85.—Personnel and number of kindergarten and elementary schools, 1917-18—(Continued).  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Kindergarten.										Elementary.					
	Super- visors.	Prin- cipals.	Teach- ers (total).	Enrollment.		Aver- age daily attend- ance.	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aggregate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	
				Male.	Fe- male.				Male.	Fe- male.	Male.	Fe- male.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Maryland:																
Chamberland.....														438,480	2,905	7
Frederick.....														280,836	1,881	6
Hagerstown.....														544,357	3,059	11
Massachusetts:																
Andover.....														181,542	1,273	8
Attleboro.....														423,697	2,546	15
Beverly.....														475,901	2,911	12
Brookline.....														535,151	3,027	12
Chelsea.....														528,801	3,057	12
Gilman.....														648,445	3,449	18
Frammingham.....														237,354	1,334	11
Groesbeek.....														365,656	2,180	15
Greenfield.....														292,148	1,641	10
Leominster.....														608,130	3,641	21
Mattitoba.....														315,623	1,821	15
Methuen.....														860,262	2,047	12
Milford.....														269,368	1,837	5
Newburyport.....														997,822	4,869	17
North Adams.....														307,684	1,870	8
Northampton.....														397,913	2,344	18
Peabody.....														228,023	1,368	11
Plymouth.....														365,730	2,078	8
Beverly.....														402,709	2,382	16
Southbridge.....														381,418	2,071	10
Wausfield.....														328,944	2,024	20
Waltham.....														708,285	4,202	12
Watertown.....														174,180	944	9
Webster.....														305,528	1,734	9
														440,528	2,200	14
														390,873	2,196	9
														131,546	746	7

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

547

City	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918
Westfield	1	1	1,312	1,339	498,279	2,322	15									
Weymouth	3	3	1,538	1,165	342,739	2,653	12									
Winthrop	1	1	1,941	1,921	252,328	1,921	5									
Woburn	4	4	1,210	1,235	262,317	2,120	13									
<b>Michigan</b>																
Adrian	3	3	770	892	217,508	1,171	7									
Alpena	2	2	1,088	1,133	337,755	1,242	6									
Battle Creek	7	7	2,943	2,491	692,583	1,675	13									
Eastland	2	2	1,119	1,089	371,200	1,536	6									
Holland	0	0	918	900	275,692	1,531	6									
Ironwood	2	2	1,232	1,235	408,358	2,116	6									
Ishtevood	6	6	871	789	273,539	1,457	5									
Manistee	4	4	702	575	208,976	1,036	5									
Marquette	4	4	658	634	194,137	1,039	5									
Menominee	0	0	1,011	908	300,613	1,629	9									
Muskegon	6	6	2,307	2,282	690,660	3,598	14									
Pontiac	1	1	3,092	2,952	691,000	2,955	8									
Port Huron	0	0	1,655	1,471	509,650	2,071	14									
St. Ignace	3	3	942	1,005	291,860	1,892	7									
Traverse City	0	0	722	675	200,500	1,100	5									
<b>Minnesota</b>																
Manly	0	0	477	532	162,051	1,011	5									
Maple	0	0	494	533	145,943	824	6									
Virginia	2	2	1,313	1,248	432,924	2,318	12									
Winona	1	1	945	886	293,905	1,558	9									
<b>Mississippi</b>																
Jackson	3	3	1,674	2,022	413,820	2,299	8									
Vicksburg	1	1	1,121	1,363	321,547	1,856	5									
<b>Missouri</b>																
Hannibal	4	4	1,568	1,612	425,760	2,406	8									
Jefferson City	2	2	810	803	226,221	1,278	9									
Moberly	1	1	942	990	260,445	1,455	7									
Osborne	3	3	1,038	1,074	464,244	2,579	11									
Webb City	1	1	1,001	1,305	357,338	1,953	5									
<b>Montana</b>																
Bullfinch	3	3	1,071	1,107	260,872	1,469	9									
Great Falls	6	6	1,988	1,935	541,297	3,020	13									
Helena	3	3	1,070	1,048	306,268	1,605	9									
<b>Nebraska</b>																
Grand Island	1	1	1,161	1,161	308,173	1,751	7									
<b>Nevada</b>																
Elko	3	3	571	525	161,520	889	5									
<b>New Hampshire</b>																
Berlin	1	1	840	817	243,077	1,366	14									
Concord	12	12	98	119	25,276	142	10									
Dover	2	2	41	694	186,690	1,097	13									
Keegan	0	0														

\* Division as to sex estimated.

\* Statistics of 1915-16.

\* Estimated.



TABLE 85.—Personnel and number of kindergarten and elementary schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Kindergarten.										Elementary.						
	Super- visors.	Pri- ncipals.	Teach- ers (total).	Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Super- visors.	Pri- ncipals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	
				Male.	Fe- male.					Male.	Fe- male.	Male.	Fe- male.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
New Hampshire—Continued.																	
Lebanon.....			18	180	213	28,540	235	2		0	30	563	523	156,300	921	9	
New Jersey.....			4	61	69	17,072	97	1	1	1	43	886	1,393	171,932	2,295	18	
New York.....			8	163	180	22,050	122	5	3	5	64	984	985	264,711	1,471	5	
Asbury Park.....			19	388	421	115,649	615	3	6	8	41	1,520	1,493	300,852	2,070	8	
Bridgeton.....			6	270	260	44,343	236	3	1	2	06	1,990	2,150	349,809	1,881	8	
Gerfield.....			11	180	204	37,861	203	3	1	3	49	1,320	1,333	601,660	3,220	5	
Hackensack.....			9	165	191	43,003	229	4	1	8	106	2,163	2,128	406,701	2,170	4	
Irvington.....			4	123	117	16,172	104	7	3	3	104	1,730	1,745	619,051	3,258	7	
Kearny (P. O., Arlington).....			14	276	238	43,647	237	2	1	9	104	1,730	1,745	334,653	2,820	8	
Millville.....			10	236	316	47,921	271	7	2	5	64	1,232	1,157	343,273	1,871	9	
Morrisville.....			11	373	359	82,025	425	7	6	1	1	824	1,783	342,431	1,956	9	
New Brunswick.....			13	277	292	50,537	276	4	1	0	9	40	721	590,140	3,064	12	
Plainfield.....			10	236	316	47,921	271	7	6	12	117	2,251	1,877	210,191	1,155	3	
West New York.....			11	373	359	82,025	425	7	6	0	86	1,219	1,454	515,264	2,944	0	
West Orange.....			13	277	292	50,537	276	4	1	1	53	1,137	1,219	684,890	3,373	7	
Albany.....			8	256	215	78,800	400	4	5	0	92	1,049	1,303	360,228	2,012	8	
New Mexico.....			10	220	217	44,880	240	8	4	3	184	2,028	2,407	519,106	2,837	11	
New York.....			5	115	90	23,920	130	5	3	0	0	0	0	0	0	0	0
Albuquerque.....			4	72	70	16,821	89	3	3	0	12	972	919	287,091	1,519	8	
Albany.....			3	5	5	1,775	1,775	3	5	0	50	1,184	1,227	318,587	1,775	6	
Albany.....			5	115	90	23,920	130	5	3	0	47	878	711	290,416	1,524	6	
Albany.....			4	72	70	16,821	89	3	3	0	33	733	668	231,334	1,096	3	
Albany.....			4	72	70	16,821	89	3	3	0	12	972	919	287,091	1,519	8	
Albany.....			4	72	70	16,821	89	3	3	0	22	460	442	177,183	699	3	
Albany.....			4	72	70	16,821	89	3	3	0	18	401	401	123,356	651	1	



TABLE 85.—Personnel and number of kindergarten and elementary schools, 1917-18—Continued.

GROUP III—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

City.	Kindergarten.							Elementary.								
	Super- visors.	Prin- cipals.	Teach- ers (total).	Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.
				Male.	Fe- male.					Male.	Fe- male.	Male.	Fe- male.			
Ohio—Continued.																
Lakewood.....	2	3	4	5	204	37,904	200	5	7	0	140	2,404	2,399	698,090	3,794	7
Lancaster.....			9					3	4	3	58	1,080	1,100	329,592	1,772	5
Lorain.....			5	145	153	52,852	292	3	9	0	138	2,394	2,390	811,184	4,482	12
Madison.....								1		4	102	1,660	1,651	518,739	2,888	9
Marion.....								1		4	108	2,083	2,083	650,380	3,529	8
Massillon.....								6	8	7	62	2,290	2,145	369,000	2,115	13
McClintock.....								2		8	76	1,641	1,567	444,080	2,440	8
Newark.....			9	158	158	20,480	102	2	3	1	100	1,901	1,711	570,925	3,263	15
Newark.....								13	4	1	52	1,175	1,186	350,332	1,864	5
Piquette.....			3	80	95	14,670	90	2	1	2	122	2,420	2,528	310,200	1,723	8
Permanoth.....								4	1	2	71	1,247	1,251	399,664	2,184	11
Richfield.....								1		2	110	2,002	1,930	574,056	3,144	6
Richfieldville.....								6	10	1	36	751	788	226,450	1,272	4
Tiffin.....								9	11	9	114	1,815	1,681	508,128	2,674	10
Worren.....								4	4	0	97	1,871	1,883	594,373	3,258	13
Zanesville.....								1	4	5	44	1,218	1,211	290,179	1,668	4
Ohio—Continued.								2	1	2	47	895	895	290,185	1,308	6
Chickasha.....								2	7	10	103	2,887	3,065	718,747	4,084	13
McAlister.....								2	8	7	62	1,367	1,400	455,525	2,463	9
Monticello.....								2	21	25	241	4,912	4,918	1,142,061	6,907	20
Shawnee.....			7	262	284	50,516	292	10		7	67	1,442	1,456	330,412	1,921	9
Tulsa.....								2		7	67	1,442	1,456	330,412	1,921	9
Oregon:																
Balem.....																
Peaslee.....																
Peaslee Falls.....																
Beaver Falls.....								10		1	51	1,021	964	207,480	1,480	6
Berwick.....								3		3	48	1,104	1,180	345,563	1,920	4
Bredock.....								4		0	68	1,265	1,245	386,673	2,149	4
Bradford.....								4		56	1,047	1,047	317,351	1,763	7	
Buier.....								3		1	87	1,965	1,921	603,587	3,353	6

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Carbondale.....	1,584	1,565	486,490	2,571	13
Cardale.....	700	794	270,900	1,210	7
Chambersburg.....	1,068	1,053	328,769	1,820	6
Columbia.....	35	318	379,180	1,561	5
Dubuque.....	1,138	1,124	381,980	2,124	5
Duquesne.....	1,373	1,337	483,650	2,620	7
Easton.....	2,446	2,409	837,140	4,400	14
Greensburg.....	1,249	1,213	343,210	1,900	8
Homestead.....	71	1,085	445,320	2,474	0
Lebanon.....	1,441	1,369	427,880	2,877	11
Missouri Falls.....	1,841	1,829	502,000	2,987	4
Minneapolis.....	1,340	1,417	445,940	2,583	6
Monticello.....	873	871	275,443	1,530	4
Mount Carmel.....	83	1,887	570,360	3,199	7
Nanticoke.....	1,052	1,833	342,840	1,903	5
Northtown.....	89	2,031	681,440	3,867	10
North Braddock (P. O. Braddock).....	89	2,071	600,012	3,045	7
Phoenixville.....	1,104	1,069	378,684	2,076	3
Pittston.....	36	713	211,968	1,134	4
Plymouth.....	1,359	1,327	440,860	2,204	7
Portsmouth.....	1,472	1,464	440,280	2,440	7
Portstown.....	1,138	1,104	402,920	2,019	21
Portville.....	1,401	1,401	482,220	2,538	12
Shenandoah.....	1,480	1,602	507,261	2,818	6
Sharon.....	1,984	1,638	483,600	2,987	6
Shenandoah.....	1,191	1,274	394,700	2,101	11
Shenandoah.....	1,194	1,170	378,738	2,103	8
Shenandoah.....	1,271	1,407	354,780	2,103	8
Shenandoah.....	1,800	1,801	510,660	2,837	7
Shenandoah.....	1,849	1,773	239,000	1,268	4
Shenandoah.....	1,541	1,460	472,080	2,620	5
Shenandoah.....	1,067	1,023	240,241	1,589	9
Shenandoah.....	2,331	2,346	647,112	3,112	22
Shenandoah.....	540	585	243,179	1,069	15
Shenandoah.....	1,083	1,031	484,513	2,754	13
Shenandoah.....	1,264	1,237	311,630	1,934	18
Shenandoah.....	2,405	2,764	507,159	3,058	9
Shenandoah.....	2,103	2,271	508,330	2,866	7
Shenandoah.....	794	519	245,674	1,404	7
Shenandoah.....	1,627	1,503	410,330	2,389	12
Shenandoah.....	1,629	1,503	991,500	2,475	6

\* Statistics of 1910-17.

\* Statistics of 1913-16.

\* Estimated.

TABLE 85.—Personnel and number of kindergarten and elementary schools, 1917-18—Continued.

GROUP III—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Kindergarten.										Elementary.					
	Super- visors.	Prin- cipals.	Teach- ers (total).	Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.
				Male.	Fe- male.					Male.	Fe- male.	Male.	Fe- male.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Texas:																
Austin.....			1	25	28	3,038	17		14	2	100	2,400	2,356	581,974	3,326	15
Brownsville.....								2	10	0	107	2,834	2,827	705,815	4,033	11
Choloma.....								3	5	7	65	1,427	1,501	160,866	963	8
Denton.....								1	2	1	55	1,511	1,506	401,364	2,452	7
Marshall.....								1	2	4	48	1,168	1,338	328,344	1,863	9
Park.....								1	2	5	35	884	963	238,735	1,576	8
San Angelo.....								1	2	9	61	1,590	1,705	308,434	1,360	9
Sherman.....								1	2	1	45	858	832	215,253	2,071	10
Temple.....								2	4	0	60	1,248	1,240	351,569	2,009	6
Tyler.....								2	1	0	49	990	965	253,980	1,427	8
Waco.....								2	1	4	45	1,042	1,065	264,122	1,517	7
Utah:								4	9	0	153	3,552	3,860	897,841	5,190	16
Ogden.....			12	158	146	31,382	189	3	11	3	205	3,049	2,960	859,176	4,854	14
Vermont:								3	1	1	49	953	919	292,310	1,692	8
Burlington.....			10	60	70	16,400	99	6	1	1	73	1,072	1,108	284,759	1,672	9
Rutland.....								2	1	2	48	737	800	241,572	1,342	9
Virginia:																
Alexandria.....																
Danville.....																
Newport News.....																
Petersburg.....																
Staunton.....																
Washington:																
Aberdeen.....																
Bellingham.....																
Everett.....																
Walla Walla.....																
Yakima.....																

	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
West Virginia:																									
Ehlersfeld.....	13	229*	210	54,328	310	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Charleston.....	12	248	260	13,177	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Martinsburg.....	9	138	126	56,822	321	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Parkersburg.....	16	300	300	31,130	178	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Wisconsin:																									
Appleton.....	4	48	58	16,261	90	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Green Bay.....	6	70	89	17,200	100	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Kenosha.....	9	417	407	43,855	225	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Madison.....	18	262	271	85,013	470	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Manitowoc.....	7	163	211	42,621	232	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Marquette.....	4	124	132	36,071	195	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Sheboygan.....	21	417	400	104,272	532	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Waunakee.....	12	223	240	45,673	254	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Wyoming:																									
Cheyenne.....	12	223	240	45,673	254	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

\* Division as to sex estimated.

\* Statistics of 1915-16.

\* Estimated.



TABLE 86.—Personnel and number of secondary, normal, vocational, and special schools, 1917-18.

A GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

Cities.	Secondary.										Normal, vocational, special.									
	Super- visors.	Prin- cips.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	Super- visors.	Prin- cips.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.		
			Male.	Fe- male.	Male.	Fe- male.						Male.	Fe- male.	Male.	Fe- male.					
3 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
Alabama:																				
Birmingham.....	1	3	30	79	1,395	1,984	452,589	2,557	3			21	6	481	166	19,896	318	2		
California:																				
Los Angeles.....	6	45	309	616	5,928	7,338	1,890,043	10,216	15			21	10	393	454	79,339	419	2		
San Francisco.....	3	6	60	148	2,059	3,649	743,824	3,936	4		1	0	10	242	127	25,996	134	3		
Colorado:																				
Denver.....	2	3	69	118	2,524	3,577	831,507	4,285	5			7	50	2,290	1,060	381,248	2,072	8		
Connecticut:																				
Bridgport.....	5	5	56	145	2,438	2,816	832,840	4,635	5		2	12	50	2,290	1,060	381,248	2,072	8		
New Haven.....	1	1	22	54	956	1,034	317,659	1,796	1		2	8	33	281	248	72,157	389	4		
Westville District.....			40	77	1,870	2,140	644,327	3,464	1			17	10	186	62	43,186	167	1		
Dist. Columbia:																				
Washington.....			124	231	3,200	3,988	868,630	5,805	7		2	14	43	119	418	70,944	410	5		
Georgia:																				
Atlanta.....		3	23	44	381	1,102	1,740	1,343	3		2	45	24	1,146	561	282,090	1,461	2		
Illinois:																				
Chicago.....	5	22	478	619	15,954	17,555	3,934,940	31,738	22		3	31	39	5,172	2,929	800,446	4,378	3		
Indiana:																				
Indianapolis.....		3	95	129	2,635	3,073	872,983	4,877	4			2	1	0	38	6,285	35	1		
Kentucky:																				
Louisville.....		3	57	75	1,376	1,955	514,583	2,843	3		3	5	24	304	307	91,448	497	7		
Louisiana:																				
New Orleans.....		3	31	89	854	1,764	492,864	2,289	3		2	0	33	0	372	54,373	303	2		
Maryland:																				
Baltimore.....		5	120	116	2,690	2,976	849,600	4,800	5		2	6	15	123	314	46,832	276	4		
Massachusetts:																				
Boston.....	9	15	263	296	8,120	9,289	2,629,095	14,406	15		1	45	101	6,138	5,179	1,635,655	5,662	8		
Cambridge.....		2	40	84	1,312	1,458	439,822	2,418	2		2	0	3	46	17	17,260	97	2		
Fall River.....		1	30	43	668	801	223,410	1,284	2			0	30	241	177	35,276	220	2		
Lowell.....		1	15	40	741	905	259,400	1,368	1		1	10	8	107	70	28,525	143	1		
Worcester.....		1	58	116	1,933	1,979	560,572	2,910	4											

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	12	216	438	8,327	8,202	2,262,624	12,432	12	2	1	32	120	2,941	3,065	633,448	3,464	7
Michigan:																	
Detroit	1		95	1,455	1,696	37,464	2,324	5		3	3	55	766	451	135,432	792	3
Grand Rapids	6	42	238	3,640	5,164	1,432,786	7,873	8		1	0	34	0	645	74,265	408	1
Minnesota:																	
St. Paul	4	60	121	1,635	2,018	530,663	3,409	4		1	0	19	150	65	29,394	158	4
Missouri:																	
Kansas City	6	152	161	3,193	4,651	1,127,060	5,932	6	2	1	14	17	298	299	45,960	242	4
St. Louis	6	178	183	4,668	5,978	1,727,173	8,512	6	1	1	7	65	1,042	894	189,865	1,019	19
Nebraska:																	
Omaha	4	46	121	1,766	2,144	712,065	3,849	4		1	4	0	56	0	6,290	34	1
New Jersey:																	
Paterson	2	82	78	1,943	2,131	671,928	3,472	2		1	0	37	171	194	61,003	318	2
New York:																	
Albany	1	50	40	1,090	965	298,836	1,697	1		1	1	16	67	110	26,152	149	11
Buffalo	1	10	83	736	827	236,123	1,188	1	3	1	4	103	103	60	22,012	115	2
New York	38	1,315	1,439	40,903	43,237	9,713,596	52,646	24	1	17	149	808	10,907	9,281	2,649,858	13,848	16
Rochester	2	4	67	1,594	1,743	491,464	2,715	4	1	3	228	39	467	488	102,277	571	4
Syracuse	3	47	68	1,578	1,766	437,168	2,456	3		3	27	39	467	488	102,277	571	4
Ohio:																	
Cincinnati	7	105	117	2,213	2,785	771,375	4,125	7		7	7	29	474	100	81,732	418	10
Cleveland	9	215	310	4,692	4,661	1,324,258	3,453	10		4	14	29	714	265	115,433	432	4
Columbus	4	44	57	1,985	2,317	685,794	2,467	4		5	34	38	594	711	211,761	1,062	6
Dayton	2	42	73	1,231	1,461	486,754	2,467	2		2	4	12	470	144	54,017	277	13
Toledo	4	62	67	1,461	1,758	497,028	2,716	2		3	0	32	279	128	66,612	364	5
Oregon:																	
Portland	6	78	153	2,200	3,460	904,194	4,734	6		2	23	32	842	1,057	152,036	796	3
Pennsylvania:																	
Pittsburgh	12	376	401	8,847	10,746	2,782,464	11,492	11	1	4	32	53	837	667	165,456	1,018	4
Scranton	2	31	45	1,035	1,358	351,000	1,900	3		1	20	34	1,318	1,187	471,633	2,338	5
Rhode Island:																	
Providence	5	75	108	1,820	1,915	538,788	3,044	4		1	16	44	420	132	71,223	445	19
Tennessee:																	
Memphis	2	25	66	625	1,097	288,150	1,635	3		1	1	5	91	21	11,758	66	1
Nashville	2	18	37	586	913	234,616	1,311	2		1	5	39	489	642	111,542	782	5
Virginia:																	
Richmond	2	27	66	878	1,645	342,271	1,891	5	1	5	39	489	642	111,542	782	5	
Washington:																	
Seattle	9	120	167	2,706	4,013	1,024,491	5,598	6	1	1	8	290	22	30,080	173	3	
Spokane	2	68	60	1,603	2,232	514,117	2,656	2		0	0	8	138	75	20,294	127	2
Wisconsin:																	
Milwaukee	61	110	110	3,148	3,363	953,663	4,993	7		3	20	44	497	558	130,903	633	3

† Estimated.  
\* Secondary includes junior high school and junior college.

† Excluding pupils enrolled in other schools within the State during the year.  
\* Not including Waterville district.

TABLE 86.—Personnel and number of secondary, normal, vocational, and special schools, 1917-18—Continued.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

Cities.	Secondary.										Normal, vocational, special.							
	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.
			Male.	Fe- male.	Male.	Fe- male.						Male.	Fe- male.	Male.	Fe- male.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Alabama:																		
Mobile.....		1	7	23	347	712	14,134	868	2									
Montgomery.....		1	7	16	272	470	97,080	578	1									
Arkansas:																		
Little Rock.....		2	15	25	556	966	192,270	1,105	2									
California:																		
Berkeley.....		1	31	82	1,024	1,339	259,137	1,378	1									
Redlands.....	7	1	25	55	836	1,053	251,000	1,494	2									
San Francisco.....		1	27	44	579	1,111	1,307	1,307	2	1	0	1	8	8	2,178	13	1	
San Diego.....		4	39	48	751	925	242,281	1,401	2									
Colorado:																		
Frederick.....		1	15	18	261	325	89,482	471	1									
District No. 1.....		1	8	16	239	376	77,350	440	1									
District No. 2D.....																		
Connecticut:																		
Hartford.....	2	3	39	80	978	1,408	387,360	2,152	1									
Middletown.....			40	28	428	344	117,900	655	1									
New Britain.....		1	12	47	611	652	197,460	1,077	2	1	11	0	161	0	23,840	140	1	
Waterbury.....			19	39	813	701	238,140	1,323	2		14	9	230	0	3,990	22	1	
Delaware:																		
Wilmington.....		2	9	47	376	685	175,389	969	2									
Florida:																		
Jacksonville.....		1	0	19	311	479	112,969	664	1									
Tampa.....	1	2	5	21	406	397	92,448	642	2									
Georgia:																		
Atlanta.....		2	13	15	265	289	85,903	540	2									
Macon.....			15	23	484	645	148,140	823	5									
Savannah.....		1	12	13	800	513	137,772	774	2									
Illinois:																		
Decatur.....		1	21	35	566	739	187,434	1,083	1									
East St. Louis.....		1	19	28	439	580	143,366	739	2									
Joliet.....																		
Peoria.....		2	22	45	655	842	216,812	1,184	2									

Table with columns for school system name, number of schools, enrollment, and other statistics. Rows include Quincy, Rockford, Springfield, Indiana, Evansville, Fort Wayne, South Bend, Terre Haute, Iowa, Cedar Rapids, Davenport, Des Moines, Sioux City, Kansas, Topeka City, Wichita, Kentucky, Covington, Lexington, Newport, Maine, Portland, Massachusetts, Brockton, Chelsea, Everett, Fitchburg, Haverhill, Lowell, Lawrence, Lynn, Malden, New Bedford, Newton, Pittsfield, Quincy, Salem, Somerville, Springfield, Taunton, Michigan, Bay City, Calumet, Flint, Jackson, Lansing, Saginaw, East side, West side.

\* Division as to sex estimated.

\* Township high school.

\* Estimated.



TABLE 86.—Personnel and number of secondary, normal, vocational, and special schools, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	Super- visors.	Prin- cipals.	Secondary.				Normal, vocational, special.											
			Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	Super- visors.	Prin- cipals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.
			Male.	Fe- male.	Male.	Fe- male.						Male.	Fe- male.	Male.	Fe- male.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Minnesota:																		
Duluth.....		3	45	41	1,649	2,020	250,960	1,371	5	2		2	17	94	36	26,053	137	12
Missouri:																		
Joplin.....		1	7	10	314	446	1,101,700	1,565	1	1		4	0	75	0	7,108	40	1
St. Joseph.....		5	27	51	645	849	271,620	1,062	2									
Springfield.....		2	11	29	553	659	189,360	1,062	2									
Montana:																		
Butte.....		1	15	29	480	647	155,066	890	1									
Nebraska:																		
Lincoln.....		3	15	53	814	894	214,896	1,221	1									
New Hampshire:																		
New Manchester.....		1	7	39	413	599	167,525	923	3									
New Jersey:																		
Atlantic City.....		1	24	31	559	629	156,176	209	1									
Cape May.....		1	15	26	460	596	174,228	496	1									
Camden.....		1	12	23	338	473	121,275	626	1									
East Orange.....		1	16	39	668	722	218,743	1,163	1									
Elizabeth.....		1	16	30	375	416	202,240	1,037	1									
Hoboken.....		1	15	31	479	547	153,890	776	1									
Passaic.....		1	19	31	409	437	133,890	776	1									
Perth Amboy.....		2	12	12	236	280	102,342	565	1									
Trenton.....		1	31	72	1,178	1,501	344,813	1,815	1									
West Hoboken.....		1	14	14	230	282	92,120	470	1									
New York:																		
Amsterdam.....		1	4	14	196	240	68,960	369	1									
Auburn.....		1	13	29	367	417	119,967	642	1									
Binghamton.....		1	10	48	365	539	115,468	617	1									
Elmira.....		1	7	33	618	670	179,910	941	1									
Famington.....		1	12	30	459	655	161,980	799	1									
Famington.....		2	15	33	414	566	156,451	879	2									
Mount Vernon.....		2	10	31	338	465	127,827	632	1									
Niagara Falls.....		1	17	62	884	977	274,271	1,466	1									
Schenectady.....		1	17	62	884	977	274,271	1,466	1									

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	9	22	340	371	113,896	644	1	1	0	6	80	14	13,795	77	1
Troy	1	9	340	371	113,896	644	1	1	0	6	80	14	13,795	77	1
Union district															
Lansingburgh															
Utica district															
Utica	4	10	144	142	43,910	281	1	1							
Yonkers	18	43	693	683	194,745	1,022	1	1							
North Carolina:	22	52	704	1,045	244,938	1,343	1	1	15	8	156	111	41,849	237	
Charlotte	8	15	230	421	98,201	443	1	1							
Ohio:															
Akron	49	83	1,326	1,650	492,258	2,525	4	4	0	4	0	25	1,975	25	1
Canton	2	21	681	792	226,960	1,272	2	2							
Hamilton	1	16	289	341	102,983	470	1	1							
Springfield	1	18	337	665	197,496	947	1	1							
Youngstown	2	45	721	950	282,462	1,378	2	2							
Oklahoma:															
Oklahoma	4	21	973	1,365	291,340	1,646	2	2							
Pennsylvania:															
Allentown	1	51	46	592	180,253	949	1	1	0	1	13	91	2,332	12	1
Altoona	1	20	76	811	226,005	1,278	1	1	0	3	183	137	44,460	294	2
Bethlehem	1	0	13	334	118,960	610	1	1	3	4	173	137	44,460	294	2
Chesler	2	13	24	418	127,362	600	1	1							
Harrisburg	2	38	887	1,159	352,050	1,765	2	2	1	3	20	41	9,640	48	2
Hazleton	1	44	860	926	291,895	1,536	1	1	12	2	206	133	36,423	192	2
Johans town	1	17	30	370	112,117	587	1	1	2	2	163	283	69,517	317	2
Lebanon	1	17	30	644	228,780	1,271	1	1	3	0	23	0	483	12	1
Lebanon	2	20	16	375	167,828	801	2	2	0	3	28	10	4,801	24	2
McKeesport	2	24	22	588	172,090	956	2	2	0	5	64	25	15,414	78	3
New Castle	1	10	27	444	153,000	855	1	1	0	1	131	91	17,300	182	1
Reading	1	31	24	855	301,466	1,537	1	1	0	1	131	91	17,300	182	1
Scranton	1	12	879	1,070	412,740	1,647	1	1	0	0	221	0	33,730	188	1
Wilkes-Barre	1	12	23	478	169,870	902	1	1	0	0	221	0	33,730	188	1
Williamsport	1	12	312	540	128,250	712	1	1	0	0	221	0	33,730	188	1
York	1	12	312	540	128,250	712	1	1	0	0	221	0	33,730	188	1
Rhode Island:															
Fairfield	2	13	360	417	121,722	688	1	1	0	4	68	49	19,380	54	1
Woonsocket	1	13	168	178	58,500	300	1	1	0	4	68	49	19,380	54	1
South Carolina:															
Charleston	1	20	0	516	78,373	433	1	1	0	516	78,373	433			
Tennessee:															
Chattanooga	2	11	270	445	92,399	540	2	2	0	270	92,399	540			
Knoxville	2	15	628	811	171,915	1,063	2	2	0	628	171,915	1,063			
Texas:															
Dallas	4	36	1,325	1,938	419,232	2,382	4	4							
El Paso	3	21	477	591	140,061	719	3	3							
Fort Worth	2	28	904	1,338	293,168	1,719	2	2							
Galveston	2	5	318	481	117,051	672	2	2							
Houston	6	50	984	1,611	396,265	2,281	6	6	0	5	30	19	4,191	28	2
San Antonio	3	32	1,312	1,747	375,028	2,107	3	3							
Utah:															
Salt Lake City	4	31	1,226	1,429	419,704	2,354	4	4							

\* Estimated per 1916 report.

\* Statistics of 1915-16.

\* Estimated.

TABLE 86.—*Personnel and number of secondary, normal, vocational, and special schools, 1917-18—Continued.*  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	Secondary.										Normal, vocational, special.																				
	Super-visors.		Princi-pals.		Teachers.		Enrollment.		Aggre-gate attend-ance.		Aver-age daily attend-ance.		Num-ber of schools.		Super-visors.		Princi-pals.		Teachers.		Enrollment.		Aggre-gate attend-ance.		Aver-age daily attend-ance.		Num-ber of schools.				
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19													
Virginia:																															
Petersburg.....	26		42	1,127	328,800	1,644	2																								
Roanoke.....	3	1	3	352	79,776	327	2																								
Washington.....	1	1	3	315	70,350	402	1																								
Texas:																															
West Virginia:	4	2	4	1,663	361,380	1,986	2																								
Huntington.....	5	5	33	1,037	267,756	1,676	6																								
Wheeling.....	2	2	13	451	132,664	721	2																								
Wisconsin:																															
Le Cross.....	3	1	15	28	491	601	160,679	878	1	1	1	1	5	334	117,837	647	2														
Oshkosh.....	2	2	8	26	438	558	153,766	788	1	1	1	7	10	389	132,106	108	2														
Racine.....	1	1	6	28	411	571	147,498	733	1	2	2	5	14	749	661,750	375	6														
Superior.....	1	1	16	32	550	677	201,970	1,063	2			0	1	47	2,190	11	1														

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Cities.	Secondary.										Normal, vocational, special.																				
	Super-visors.		Princi-pals.		Teachers.		Enrollment.		Aggre-gate attend-ance.		Aver-age daily attend-ance.		Num-ber of schools.		Super-visors.		Princi-pals.		Teachers.		Enrollment.		Aggre-gate attend-ance.		Aver-age daily attend-ance.		Num-ber of schools.				
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.			
Alabama:																															
Anniston.....	2	6	46	107	19,775	113	1																								
Bessemer.....	3	12	178	246	55,792	317	1																								
Gadsden.....	1	6	120	185	42,100	283	1																								
Selma.....	1	9	130	182	46,192	273	1																								
Arizona:																															
Tucson.....	1	3	9	148	39,270	238	1																								
Arkansas:																															
Fort Smith.....	1	6	22	321	102,042	602	1																								
Hot Springs.....	1	19	255	358	87,538	506	1																								
North Little Rock.....	1	3	5	50	37,840	220	2																								
Pine Bluff.....	1	10	140	215	58,975	337	2																								

State	City	Divisions	Enrollment	Teachers	Expenditure	Per Pupil	Books	Operating	Capital	Notes	
California:	Alameda	1	1,570	145	510	772					
	Eureka	1	892	264	403	1,821					
	Presidio	1	1,043	201	310	1,354					
	Long Beach	3	400	124	110	220					
	Richmond	1	221	75	432	713					
	Riverside	2	477	134	664	432					
	San Jose	1	1,038	194	963	1,104					
	Santa Cruz	1	261	71	243	377					
	Stockton	2	438	144	587	808					
	Vallejo	1	113	229	38,360	210					
	Colorado:										
	Colorado Springs*	1	549	182	357,803	877					
District No. 1	3	49	50	10,974	62						
Trinidad	1	197	248	57,024	324						
Connecticut:	Axononia	4	172	257	67,960	377					
	Bristol	1	11	622	99	322					
	Danbury	6	11	228	281	478					
	Meriden	3	13	323	213	499					
	Middletown	2	10	144	102,820	556					
	Newark	1	8	199	53,312	301					
	Norwalk	2	33	47	138,465	1,000	15	11	7	2,475	
	North Manchester	1	15	185	61,041	330					
	Stamford	1	28	384	477	778					
	Torrington	1	11	180	225	68,539	384				
	Wallingford	1	11	144	185	84,180	301				
Windham	1	2	139	265	67,991	376					
Florida:	Penascola	2	144	275	62,005	390					
	Atlanta	8	186	235	46,158	267					
Georgia:	Brunswick	4	112	123	372,940	183					
	Columbus	5	136	217	140,983	346					
	Waynes	3	180	248	83,900	349					
Idaho:	Boise	2	48	153	33,120	168					
	Boise	1	14	435	127,838	739					
Illinois:	Alton	1	200	246	74,496	386					
	Alicia	1	4	14	100,492	518					
	East side	1	14	184	62,291	339					
	West side	1	9	187	373	97,092	538				
	Bloomington	1	10	309	207	58,955	285				
	Calro	1	7	162	217	54,540	303				
	Canton	1	10	171	208	160,868	963				
	Champaign	2	11	277	412	101,103	349				
	Deerfield	1	17	22	487	138,101	800				
	Egan	1	1	257	372	84,043	348				
	Freeport	1	13	13	1	1					

\* Statistics of 1915-16. † Not including district No. 1.

\* Division as to sex estimated.

\* Estimated





TABLE 86.—Personnel and number of secondary, normal, vocational, and special schools, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Secondary.										Normal, vocational, special.								
	Super- visors.	Prin- cips.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	Super- visors.	Prin- cips.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	
			Male.	Fe- male.	Male.	Fe- male.						Male.	Fe- male.	Male.	Fe- male.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Illinois—Continued.																			
Galesburg	1	1	13	22	380	285	142,072	826	1										
Jacksonville	1	1	3	16	144	285	65,990	349	1										
Jacksonville	1	1	6	11	176	280	68,727	390	1										
Jacksonville	1	1	4	8	101	170	46,879	259	1										
Madison	1	1	4	10	171	288	86,671	321	1										
Madison	1	1	8	19	437	505	134,747	724	1										
Madison	1	1	10	23	364	436	103,353	626	1										
Madison	1	1	9	18	245	232	77,592	472	2										
Madison	1	1	15	16	259	334	97,056	536	1										
Madison	1	1	6	8	200	220	60,224	335	1										
Madison	1	1	15	26	272	323	87,126	459	2										
Madison	1	1	11	20	391	412	109,680	577	1										
Madison	1	1	10	11	214	217	63,180	351	1										
Madison	1	1	11	11	150	181	53,610	288	1										
Madison	1	1	11	18	246	411	98,474	547	1										
Madison	1	1	12	12	297	271	70,409	359	1										
Madison	1	1	7	19	145	200	58,770	283	1										
Madison	1	1	5	19	220	251	86,108	483	1										
Madison	1	1	9	14	270	318	91,825	519	1										
Madison	1	1	3	10	131	235	52,259	288	1										
Madison	1	1	6	17	289	342	86,600	478	1										
Madison	1	1	7	16	306	323	70,047	362	1										
Madison	1	1	5	9	145	216	56,450	313	2										
Madison	1	1	16	19	360	417	119,587	672	1										
Madison	1	1	16	16	202	263	62,820	349	1										
Madison	1	1	5	18	246	320	74,073	443	1										
Madison	1	1	13	19	263	370	110,686	606	1										
Madison	1	1	2	20	224	321	93,045	503	1										
Iowa																			
Bonne	2	1	5	18	246	320	74,073	443	1										
Burlington	2	1	13	19	263	370	110,686	606	1										
Clinton	1	1	2	20	224	321	93,045	503	1										



TABLE 86.—Personnel and number of secondary, normal, vocational, and special schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Secondary.										Normal, vocational, special.							
	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.
			Male.	Fe- male.	Male.	Fe- male.						Male.	Fe- male.	Male.	Fe- male.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Massachusetts—Con.</b>																		
Leicester	1	1	7	1	240	305	84,482	480	1									
Merrill	1	1	19	15	170	194	57,739	304	1									
Medford	1	1	3	42	598	659	188,569	1,048	1									
Methuen	1	1	3	26	322	368	102,060	563	1									
Middlebury	1	1	2	6	99	111	32,116	173	1									
Newburyport	1	1	2	10	207	240	60,294	321	1									
North Adams	1	1	3	12	165	240	62,744	356	1									
Northampton	1	1	6	13	180	253	99,017	324	1									
Northampton	1	1	6	13	180	253	99,017	324	1									
Northampton	1	1	6	13	180	253	99,017	324	1									
Plymouth	1	1	3	15	220	232	78,473	426	1									
River	1	1	1	15	150	172	48,866	273	1									
River	1	1	2	7	80	207	111,719	677	1									
Southbridge	1	1	3	17	220	300	29,144	158	1									
Waltham	1	1	6	20	220	300	81,941	460	1									
Watertown	1	1	3	17	171	199	88,863	494	1									
Webster	1	1	2	5	99	89	28,068	157	1									
Westfield	1	1	4	11	150	231	62,546	336	1									
Weymouth	1	1	2	11	154	203	48,428	263	1									
Winthrop	1	1	6	22	264	334	94,503	537	1									
Woburn	1	1	3	19	265	340	91,105	533	1									
<b>Michigan:</b>																		
Alpena	1	1	0	15	240	275	85,274	459	1									
Alpena	1	1	4	8	200	236	11,894	236	1									
East A. Creek	1	1	12	30	472	520	120,151	626	1									
East A. Creek	1	1	16	27	458	626	162,151	905	1									
Essansie	1	1	6	11	187	218	72,400	367	1									
Holland	1	1	4	11	162	196	62,608	344	1									
Ironwood	1	1	8	15	176	278	72,147	379	1									
Isabella	1	1	8	13	284	252	81,705	435	1									
Isabella	1	1	8	13	284	252	81,705	435	1									
Marquette	1	1	2	13	100	206	56,096	261	1									



TABLE 86.—Personnel and number of secondary, normal, vocational, and special schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Secondary.										Normal, vocational, special.									
	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.		
			Male.	Fe- male.	Male.	Fe- male.						Male.	Fe- male.	Male.	Fe- male.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
New Jersey—Contd.																				
Orange.....		1	7	11	157	157	52,713	273	1									2		
Plainfield.....		1	14	28	329	411	112,050	609	1									1		
West New York.....		1	2	3	43	46	17,444	89	1									1		
West Orange.....		1	3	8	115	126	29,920	169	1									1		
New Mexico:																				
Albuquerque.....	3	1	2	12	151	222	51,300	285	2									1		
New York:																				
Batavia.....	1	1	1	12	173	171	55,072	308	1											
Boscon.....	1	1	1	7	62	109	26,585	142	1											
Cohoes.....	1	1	0	9	73	100	24,003	127	1									1		
Cornwall.....	1	1	2	11	137	174	47,287	257	1											
District No. 9.....	1	1	3	11	103	162	36,956	191	1									1		
District No. 13.....	1	1	3	10	149	245	58,255	305	1									1		
Ortland.....	1	1	3	15	214	215	60,930	317	1									2		
Dunkirk.....	1	1	2	13	139	206	81,270	446	1											
Fulton.....	1	1	6	16	170	235	54,134	283	1											
Geneva.....	1	1	3	9	153	197	46,250	245	1											
Gloversville.....	1	1	3	19	203	254	70,666	268	1									1		
Hornell.....	4	1	2	14	216	270	76,404	410	1											
Hudson.....	1	1	3	10	116	157	39,345	208	1											
Utica.....	1	1	3	29	322	427	119,336	591	2									1		
Black.....	1	1	3	15	157	175	49,206	261	1											
Kingston.....	1	1	3	25	337	392	74,970	405	1											
Little Falls.....	1	1	8	60	91	16,347	86	86	1											
Lockport.....	1	1	6	82	109	30,206	162	162	1											
Middletown.....	1	1	4	209	227	63,178	349	349	1											
Newburgh.....	3	1	6	207	242	61,961	348	348	1											
New Rochelle.....	1	1	4	300	318	91,249	521	521	1											
			21	432	488	129,177	730	730												



TABLE 86.—*Personnel and number of secondary, normal, vocational, and special schools, 1917-18—Continued.*

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Secondary.										Normal, vocational, special.								
	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	
			Male.	Fe- male.	Male.	Fe- male.						Male.	Fe- male.	Male.	Fe- male.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Oklahoma:																			
Chickasha.....				8	170	185	46,900	284	1										
Grainola.....			9	10	189	206	73,632	416	2										
McAlester.....			6	11	129	204	55,060	306	1										
Mustang.....		3	18	30	300	526	94,936	539	2										
Blawie.....			7	23	257	358	85,575	469	2										
Tulsa.....		2	28	44	468	712	163,428	945	1										
Oregon:																			
Beacon.....			15	21	186	286	81,700	475	1										
Beaver Falls.....		2	3	12	177	214	52,380	291	1										
Berwick.....			6	8	124	184	46,245	268	2										
Brewster.....		4	7	9	149	166	45,237	251	1	2		6	2	108	57	4,230	24	1	
Bretton.....			2	13	219	352	79,899	444	1										
Carleton.....			2	20	261	371	133,635	742	1										
Carleton.....		1	1	2	135	208	101,790	325	2										
Chamberlain.....			3	9	157	197	58,511	325	1										
Columbia.....			3	5	85	108	30,960	172	1										
Dufur.....			11	14	120	217	56,700	315	1										
Englewood.....			11	0	113	146	44,279	246	1										
Estacada.....			13	13	365	362	126,920	668	1										
Greenburg.....			7	11	290	369	107,738	590	1										
Hemlock.....			15	18	226	253	69,309	365	2										
Hammond.....		1	9	8	251	262	86,512	461	2			2	0	178	187	59,520	310	1	
Lebanon.....			2	4	80	61	23,200	116	1										
McKenney Rocks.....			2	5	119	179	47,340	263	1										
Madras.....			2	13	144	341	83,117	462	1										
Madrasville.....			4	12	164	178	47,899	266	1										
Manhattan.....			0	9	121	171	47,160	262	1			1	0	28	23	3,780	21	1	
Manhattan.....			3	5	128	117	35,020	226	1			0	3	127	145	6,282	33	2	
Marion.....			8	10	254	285	94,411	472	1										

North Braddock (P. O. Braddock)	1	5	4	83	81	21,780	121
Phoenixville	1	3	6	119	146	43,287	237
Pittston	1	0	7	103	168	51,200	256
Plymouth	1	0	5	60	104	30,000	170
Pocktown	1	6	9	212	228	79,200	308
Pottsville	1	11	238	226	77,000	417	478
Shamokin	1	8	200	251	90,541	447	
Sharon	1	8	204	234	87,320	374	
Shenandoah	1	2	147	193	61,940	296	
Somerset	1	6	223	267	81,675	454	
Uniontown	1	11	344	313	108,180	601	
Warren	1	7	185	126	42,300	255	
Washington	1	4	18	287	64,080	398	
Westchester	1	3	16	166	74,000	370	
Windsor	1	14	12	308	105,300	583	
Rhodes Island	1	14	12	308	105,300	583	
Central Falls	1	3	8	58	80	23,613	129
Granston (P. O., Providence)	1	5	14	270	392	113,902	633
Cumberland (P. O., Manville)	1	1	5	55	76	23,684	124
Newport	1	21	253	370	97,427	521	
South Carolina	1	10	14	295	460	96,771	535
South Carolina & Columbia	1	10	14	295	460	96,771	535
Spartanburg	1	9	12	162	194	50,550	299
South Dakota	1	8	32	316	364	75,662	431
Aberdeen	1	8	32	316	364	75,662	431
Sheriff Falls	1	4	17	171	296	60,490	396
Tennessee	1	4	17	171	296	60,490	396
Jackson	1	4	17	171	296	60,490	396
Texas	1	16	50	968	1,097	254,132	1,432
Austin	1	16	50	968	1,097	254,132	1,432
Beaumont	1	6	27	398	559	131,628	749
Brownsville	1	6	27	398	559	131,628	749
Clayton	1	6	18	348	411	101,736	558
Denton	1	6	13	345	345	81,775	462
Marshall	1	7	13	398	398	85,220	497
Marshall	1	7	13	398	398	85,220	497
Palatka	1	7	10	176	204	63,558	358
Paris	1	4	19	232	364	87,320	491
San Angelo	1	6	13	228	278	49,019	280
Spartanburg	1	6	13	228	309	78,815	450
Temple	1	8	234	349	83,504	470	
Tyler	1	10	105	296	68,091	391	
Waco	1	15	34	619	917	183,225	1,117
Utah	1	13	18	317	384	85,491	493
Ogden	1	13	18	317	384	85,491	493
Vermont	1	3	14	210	230	63,560	410
Berre	1	3	14	210	230	63,560	410
Burlington	1	22	22	250	283	72,080	424
Rutland	1	7	12	210	218	67,301	374

\* Statistics of 1915-16.

\* Estimated.



TABLE 86.—Personnel and number of secondary, normal, vocational, and special schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Secondary.										Normal, vocational, special.									
	Super- visors.	Prin- cips.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.	Super- visors.	Prin- cips.	Teachers.		Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.		
			Male.	Fe- male.	Male.	Fe- male.						Male.	Fe- male.	Male.	Fe- male.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
Virginia:																				
Alexandria.....		1	3	8	122	150	34,209	181	1											
Danville.....			3	14	196	323	82,302	473	1											
Newport News.....		1	5	15	178	273	65,920	360	1											
Petersburg.....		1	7	18	221	346	80,820	419	2											
Staunton.....		1	2	7	72	133	29,340	163	1											
Washington:																				
Aberdeen.....		1	3	12	168	212	53,436	292	1											
Baltimore.....		4	18	29	336	564	157,048	862	2											
Exeter.....		1	10	29	481	636	145,737	810	1											
Walls Walls.....		1	11	22	388	491	124,136	663	1											
Yakima.....		1	9	27	291	301	89,615	499	1											
West Virginia:																				
Bethesda.....		1	2	13	147	204	50,196	282	1											
Martinsburg.....		2	10	22	307	397	101,673	579	2											
Martinsburg.....		1	5	13	110	113	32,358	194	1											
Petersburg.....		2	12	28	417	497	127,673	733	2											
Wisconsin:																				
Appleton.....		1	7	19	213	304	89,690	513	1											
Ashland.....		1	7	20	221	319	84,289	467	1											
Beloit.....		1	7	18	350	436	112,457	635	1											
Zenon.....		1	12	18	273	338	85,691	548	1											
Fond du Lac.....		2	10	30	410	465	107,108	564	2											
Green Bay.....		2	10	30	410	465	140,558	781	2											
Janesville.....		1	4	15	250	335	81,673	475	1											
Kenosha.....		1	3	17	298	237	9,077	470	1											
Madison.....		1	8	38	490	623	178,928	968	1											
Manitowoc.....		1	8	20	257	333	94,131	514	1											
Marquette.....		1	7	11	225	251	81,757	442	1											
Sheboygan.....		1	14	14	302	341	108,832	590	1											
Wausau.....		1	6	21	291	352	96,368	535	1											
Wisconsin.....		1	4	10	134	170	39,711	217	1											
Wyoming:																				
Cheyenne.....		1	4	10	134	170	39,711	217	1											

\* Statistics of 1915-16

† Estimated.

TABLE 87.—The average length of the school term in days, 1917-18.

GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

Cities.	Kindergarten.	Elementary.	Secondary.	Normal schools.	Vocational schools.	Special and other schools.	Total average.
1	2	3	4	5	6	7	8
Alabama:							
Birmingham.....		177	177		47	68	175
California:							
Los Angeles.....	185	185	185				185
Oakland.....	189	189	189		189	189	189
San Francisco.....	194	194	194			194	194
Colorado:							
Denver.....	184	184	184		184	184	184
Connecticut:							
Bridgeport.....	176	182	184	184	183	183	182
New Haven.....	186	186	186		259		186
Westville district.....	185	185					185
District of Columbia:							
Washington.....	173	173	172	173	173		173
Georgia:							
Atlanta.....		180	180		180		180
Illinois:							
Chicago.....	182	182	187	187	187	182	183
Indiana:							
Indianapolis.....		179	179	179			179
Kentucky:							
Louisville.....	184	184	181	184	184	184	184
Louisiana:							
New Orleans.....	176	176	176	176	181		176
Maryland:							
Baltimore.....	177	177	177	177		177	177
Massachusetts:							
Boston.....	182	182	183	182	183	182	182
Cambridge.....	178	178	179		178	178	178
Fall River.....	176	176	174			176	176
Lowell.....	175	175	175		175		175
Worcester.....	174	174	191				176
Michigan:							
Detroit.....	182	182	182	182	182	182	182
Grand Rapids.....	171	171	171			171	171
Minnesota:							
Minneapolis.....	182	182	182		182	182	182
St. Paul.....	185	185	185			185	185
Missouri:							
Kansas City.....	190	190	190	190	190	190	190
St. Louis.....	196	196	196	196		196	196
Nebraska:							
Omaha.....	185	185	185			185	185
New Jersey:							
Jersey City.....	194	194	194	189		194	194
Newark.....	193	193	192		193	189	193
Paterson.....	176	176	176	176		176	176
New York:							
Albany.....	193	193	190		191	192	192
Buffalo.....	193	193	193	193	193	193	193
New York.....	184	185	184	188	196	188	188
Rochester.....	176	176	181	181	179		177
Syracuse.....	178	178	178				178
Ohio:							
Cincinnati.....		187	187			187	187
Cleveland.....	182	182	182	182		182	182
Columbus.....	190	190	190	190	190	190	190
Dayton.....	190	190	190	190	230	190	190
Toledo.....	183	183	183			183	183
Oregon:							
Portland.....	191	191	191		191	191	191
Pennsylvania:							
Philadelphia.....	192	192	192	192	192		192
Pittsburgh.....	200	200	200	200		200	200
Scranton.....	195	195	195			195	195
Rhode Island:							
Providence.....	188	173	177		39	173	173
Tennessee:							
Memphis.....		170	170				170
Nashville.....		179	179			179	179
Virginia:							
Richmond.....	181	181	181	181	181	181	181
Washington:							
Seattle.....	183	183	183			226	183
Spokane.....		180	180			189	180
Wisconsin:							
Milwaukee.....	191	191	191		191	191	191

1 Not including Westville district.

TABLE 87.—The average length of the school term in days, 1917-18—Continued.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

Cities	Kindergarten.	Elementary.	Secondary.	Normal schools.	Vocational schools.	Special and other schools.	Total average.
1	2	3	4	5	6	7	8
Alabama:							
Mobile.....	164	164	163				164
Montgomery.....		168	168				168
Arkansas:							
Little Rock.....		174	174				174
California:							
Berkeley.....	189	188	188				188
Pasadena.....	167	165	168				166
Sacramento.....	173	173	173			173	173
San Diego.....	181	180	173				179
Colorado:							
Pueblo—							
District No. 1.....	190	190	180				190
District No. 20.....	176	176	176				176
Connecticut:							
Hartford.....		180	180				180
Meriden.....		179	180				179
New Britain.....	180	180	180		170		181
Waterbury.....	180	180	180		180		180
Delaware:							
Wilmington.....		181	181				181
Florida:							
Jacksonville.....		170	170				170
Tampa.....		144	144				144
Georgia:							
Augusta.....	159	159	159				159
Macon.....		180	180	180			180
Savannah.....		178	178				178
Illinois:							
Decatur.....		178	178				178
East St. Louis.....		194	194				194
Joliet.....	174	174	(1)				174
Peoria.....	183	183	183				183
Quincy.....	187	186	186			186	186
Rockford.....		182	182		23		180
Springfield.....		184	184				184
Indiana:							
Evansville.....	192	192	192				192
Fort Wayne.....	192	192	192	192	192		192
South Bend.....	200	200	200				200
Terre Haute.....	185	185	185		185		185
Iowa:							
Cedar Rapids.....	186	186	186		186		186
Davenport.....	171	171	171			171	171
Des Moines.....	176	176	176				176
Dubuque.....		180	180	180		180	180
Sioux City.....		180	180				180
Kansas:							
Kansas City.....	175	175	175				175
Topeka.....	173	173	173				173
Wichita.....		175	175				175
Kentucky:							
Covington.....	186	186	186				186
Lexington.....	185	185	185				185
Newport.....		196	196				196
Maine:							
Portland.....	166	166	166				166
Massachusetts:							
Brockton.....		194	194				194
Chelsea.....		168	177				169
Everett.....		169	177				170
Fitchburg.....	177	177	179				177
Haverhill.....	167	170	170				170
Holyoke.....	181	181	186		186		182
Lawrence.....		174	176				174
Lynn.....		164	165				164
Malden.....		166	176				168
New Bedford.....	190	190	191		194		190
Newton.....	182	182	183		183	182	182
Pittsfield.....	161	161	176				163
Quincy.....		178	184		184		178
Salem.....	176	172	178				173
Somerville.....	159	156	169		168	151	158
Springfield.....	172	174	176		184		174
Taunton.....		172	172				176

<sup>1</sup> Township high school.

<sup>2</sup> No report.

TABLE 87.—The average length of the school term in days, 1917-18—Continued.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	Kindergarten.	Elementary.	Secondary.	Normal schools.	Vocational schools.	Special and other schools.	Total average.
1	2	3	4	5	6	7	8
Michigan:							
Bay City.....	183	183	183			183	183
Calumet.....	197	197	197				197
Flint.....	178	178	178				178
Jackson.....	195	195	195				195
Kalamazoo.....	176	176	176		176	176	176
Lansing.....	169	169	169			109	169
Saginaw—							
East side.....		175	175			175	175
West side.....	200	200	200		200		200
Minnesota:							
Duluth.....	183	183	183			183	183
Missouri:							
Joplin.....							
St. Joseph.....	179	179	179		179		179
Springfield.....		180	180				180
Montana:							
Butte.....	172	172	174				172
Nebraska:							
Lincoln.....	176	176	176				176
New Hampshire:							
Manchester.....	178	182	182				181
New Jersey:							
Atlantic City.....	174	174	174		174		174
Bayonne.....	194	194	194		194		194
Camden.....							
East Orange.....	189	189	188				189
Elizabeth.....		195	195			195	195
Hoboken.....	184	184	184				184
Passaic.....	182	182	182		182	182	182
Perth Amboy.....	181	181	181			181	181
Trenton.....	190	190	190			190	190
West Hoboken.....	196	196	196			196	196
New York:							
Amsterdam.....	192	192	187		192		192
Auburn.....	187	187	187				187
Binghamton.....	187	187	187				187
Elmira.....		189	188		187		189
Jamestown.....	191	191	190		191		191
Mount Vernon.....	183	183	178		183		182
Niagara Falls.....	193	193	193				193
Schenectady.....	186	186	187	185			186
Troy—							
Union district.....	180	180	180		180		180
Lansingburg district.....	187	187	187				187
Utica.....	190	190	190				190
Yonkers.....	176	176	181		176	181	177
North Carolina:							
Charlotte.....		156	156				156
Ohio:							
Akron.....	183	183	183	183			183
Canton.....	180	180	180				180
Hamilton.....	181	181	181				181
Lima.....		180	180				180
Springfield.....	168	168	168				168
Youngstown.....	179	179	179				179
Oklahoma:							
Oklahoma.....	176	176	177				176
Pennsylvania:							
Allentown.....		196	190			196	195
Altoona.....		177	177			64	176
Bethlehem.....		190	190		190	190	190
Chester.....		185	185				185
Erie.....	200	200	200	200		200	200
Harrisburg.....		190	190	190		190	190
Hazleton.....		191	191	190		191	191
Johnstown.....	180	180	180		40		180
Lancaster.....		197	197			197	197
McKeesport.....		180	180				180
New Castle.....		180	180				180
Reading.....	198	198	198			198	198
Wilkes-Barre.....	190	190	190			190	190
Williamsport.....		185	185			185	185
York.....		180	180		180	180	180

\* No report.

TABLE 87.—The average length of the school term in days, 1917-18—Continued.

## GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	Kinder- garten.	Elemen- tary.	Second- ary.	Normal schools.	Voca- tional schools.	Special and other schools.	Total average.
1	2	3	4	5	6	7	8
Rhode Island:							
Pawtucket.....	178	176	177				176
Woonsocket.....		195	195			195	195
South Carolina:							
Charleston.....		181	181				181
Tennessee:							
Chattanooga.....		171	171				171
Knoxville.....	157	157	157				157
Texas:							
Dallas.....	176	176	176				176
El Paso.....	182	182	182				182
Fort Worth.....	175	175	175				175
Galveston.....		175	175				175
Houston.....	173	173	173			173	173
San Antonio.....	178	178	178				178
Utah:							
Salt Lake City.....		178	178				178
Virginia:							
Norfolk.....							200
Petersburg.....		188	188				188
Roanoke.....		175	175				175
Washington:							
Tacoma.....	182	182	182			182	182
West Virginia:							
Huntington.....		172	172				172
Wheeling.....		184	184				184
Wisconsin:							
La Crosse.....	182	182	181		182	182	182
Oshkosh.....	195	195	195		195	195	195
Racine.....	186	186	186		186	186	186
Superior.....							186

## GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Alabama:							
Anniston.....		175	175				175
Bessemer.....		176	176				176
Gadsden.....		178	178				178
Selma.....		168	168				168
Arizona:							
Phoenix.....	163	163					163
Tucson.....							
Arkansas:							
Fort Smith.....		171	171				171
Hot Springs.....		173	173				173
North Little Rock.....		172	172				172
Pine Bluff.....		175	175				175
California:							
Alameda.....	189	189	189				189
Bakersfield.....	160	157					157
Eureka.....		188	188				188
Fresno.....	179	179	178				179
Long Beach.....	169	169	180				171
Pomona.....	174	171	174				174
Redlands.....	171	171	171				171
Riverside.....	174	173	173				173
San Bernardino.....							
San Jose.....	176	176	176				176
Santa Barbara.....							
Santa Cruz.....		189	189				189
Stockton.....	179	179	179				179
Vallejo.....	172	172	183				173
Colorado:							
Colorado Springs.....	180	180	180				180
District No. 1.....		177	177				177
Trinidad.....		176	176				176
Connecticut:							
Ansonia.....		180	180				180
Bristol.....							
Danbury.....		185	185				185
Greenwich.....	179	179	179				179
Manchester.....	180	180					180
Middletown.....		183	183				183

\* No report.

\* Not including district No. 1.

TABLE 87.—The average length of the school term in days, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Kindergarten.	Elementary.	Secondary.	Normal schools.	Vocational schools.	Special and other schools.	Total average.
1	2	3	4	5	6	7	8
Connecticut—Continued.							
Naugatuck	180	180	182				180
New London	175	175					175
Norwalk	165	165	180			165	169
Norwich	179	179					179
Orange							
South Manchester	185	185	185				185
Stamford	179	179	188				180
Torrington		180	180				180
Wallingford	180	180	180				180
Windsor		181	181				181
Florida:							
Key West							
Pensacola		160	160				160
Georgia:							
Athens	174	174	174				174
Brunswick		180	180				180
Columbus	176	176	176		212		177
Rome		178	178				178
Waycross		180	180				180
Idaho:							
Boise		173	173				173
Illinois:							
Aton		192	192				192
Aurora—							
East side	194	194	194			194	194
West side	184	184	184				184
Belleville	197	197					197
Boonville		(2)	174				(2)
Cairo		181	181				181
Canon		(3)	175				(3)
Champaign		179	179				179
Chicago Heights	194	194					194
Cicero		180					180
Danville		184	184				184
Elgin		185	185				185
Evanston—							
District No. 75	180	180					180
District No. 76	180	180					180
Freeport		180	180				180
Galesburg		172	172				172
Jacksonville		176	176				176
Kankakee		182	181				182
La Salle		191					191
Lincoln		181	181				181
Mattoon		183	183				183
Moline	178	180	185				180
Oak Park	184	184					184
Rock Island		165	165				165
Shelton		189					189
Waukegan		185					185
Indiana:							
Anderson							
East Chicago	193	193	193				193
Elkhart		180	180				180
Elwood		180	180				180
Gary	192	193	190				193
Hammond	190	190	190				190
Huntington	180	180	180				180
Jeffersonville		180	180				180
Kokomo		180	180				180
La Fayette							
Laporte	190	190	190				190
Logansport		178	178		160		178
Marion							
Michigan City	185	185	185				185
Mishawaka	200	200	200				200
Muncie		180	180				180
New Albany		178	178				178
Peru		180	180				180
Richmond		178	178				178
Vincennes	180	180	180			180	180
Iowa:							
Boonsville		176	176				176
Burlington	182	182	182				182

\* No report.

TABLE 87.—The average length of the school term in days, 1917-18—Continued.

## GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities	Kindergarten	Elementary	Secondary	Normal schools	Vocational schools	Special and other schools	Total average
1	2	3	4	5	6	7	8
Iowa—Continued.							
Clinton		185	185				185
Council Bluffs	172	172	172				172
Fort Dodge							171
Iowa City		171	171				171
Keokuk	174	174	174				174
Marshalltown	174	174	174				174
Mason City		180	180				180
Muscatine		180	180				180
Ottumwa		183	183				183
Waterloo							185
East side		185	185				185
West side	175	175	175				175
Kansas:							
Atchison	173	173	173				173
Coffeyville	175	175	179				176
Fort Scott		177	177				177
Hutchinson	172	172	172				172
Independence		180					180
Lawrence		175	175				175
Leavenworth		178	178				178
Parsons		180	180				180
Pittsburg		176	176				176
Kentucky:							
Frankfort	192	192	192				192
Henderson		184	184				184
Owensboro		187	187				187
Paducah		183	183				183
Louisiana:							
Alexandria		152	152				152
Baton Rouge		176	176				176
Lake Charles							178
Morroe	180	172	180				178
Shreveport	180	180	180				180
Maine:							
Auburn	173	173	183				176
Augusta							177
Bangor							177
Blanford		177	178				177
Lewiston	178	178	178	178			178
Waterville							178
Maryland:							
Cumberland		176	176				176
Frederick		178	173				177
Hagerstown		178	178				178
Massachusetts:							
Adams		143	184				147
Arlington		177	178				177
Attleboro	184	185	186				185
Beverly		177	173		261		177
Brockline	173	173	173				173
Chicopee	188	188	189				188
Clinton		178	182				179
Framingham	176	176	178				176
Gardner		178	168				176
Gloucester		167	174				168
Greenfield	169	175	190				177
Leominster	176	176	176				176
Marlboro		179	190		190		181
Medford		159	180				163
Medrose		169	175				170
Methuen		176	186				177
Milford		172	166				174
Newburyport		171	176				172
North Adams	176	176	182				177
Northampton		173	187				175
Peabody		160	168				161
Plymouth		162	176				164
Rivers		163	163				163
Southbridge		165	185				165
Wakfield		173	178				173
Waltham		178	180				179
Watertown		178	174				177
Webster		177	179				177
Westfield		182	186				184

\* No report.

TABLE 87.—The average length of the school term in days, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Kindergarten.	Elementary.	Secondary.	Normal schools.	Vocational schools.	Special and other schools.	Total average.
1	2	3	4	5	6	7	8
Massachusetts—Continued.							
Weymouth.....		167	171				167
Winthrop.....		175	176				175
Woburn.....		171	171				171
Michigan:							
Adrian.....		186	186				186
Alpena.....		175	175				175
Ann Arbor.....		186	186				186
Battle Creek.....		168	168			168	168
Escanaba <sup>1</sup> .....							
Holland.....	182	182	182				182
Ironwood.....	193	193	193				193
Ishpeming.....	188	188	188				188
Manistee.....	196	196	196			196	196
Marquette.....	183	183	183				183
Menominee <sup>1</sup> .....							
Muskegon.....	195	195	195				195
Pontiac.....	200	200	200				200
Port Huron.....		191	191				191
Sault Ste. Marie.....	190	190	190			190	190
Traverse City.....	188	188	188			188	188
Minnesota:							
Mankato.....	180	180	180			180	180
St. Cloud.....	180	180	180				180
Stillwater.....	177	177	177				177
Virginia.....	188	188	187				188
Winona.....	190	190	190				190
Mississippi:							
Hattiesburg <sup>1</sup> .....		180	180				180
Jackson.....							
Meridian <sup>1</sup> .....							
Natchez <sup>1</sup> .....							
Vicksburg <sup>1</sup> .....							
Missouri:							
Hannibal.....		177	177				177
Jefferson City.....	177	177	177				177
Moberly.....		179	179				179
Sedalia.....		180	180				180
Webb City.....		180	180				180
Montana:							
Anaconda <sup>1</sup> .....							
Billings <sup>1</sup> .....							
Great Falls.....	181	181	181				181
Helena.....	181	181	181				181
Missoula.....		181	181				181
Nebraska:							
Grand Island.....	176	176	176				176
Nevada:							
Reno <sup>1</sup> .....							
New Hampshire:							
Berlin.....		180	180				180
Concord.....	178	178	179			178	178
Dover.....		168	168				168
Keene.....	170	170	180				173
Laconia <sup>1</sup> .....							
Nashua.....	164	164	164				164
Portsmouth.....	176	176	178				176
New Jersey:							
Asbury Park.....	180	180	180				180
Bloomfield.....	188	188	188			188	188
Bridgeton.....		186	186				186
Garfield.....	188	187	187				187
Hackensack.....	187	187	187			187	187
Harrison <sup>1</sup> .....							
Irvington.....		190	190				190
Kearny (P. O. Arlington).....	188	189	186				189
Long Branch.....	184	184	184				184
Millville.....		175	175			175	175
Montclair.....	184	184	184				184
Morristown <sup>1</sup> .....							
New Brunswick.....	175	175	175			175	175
North Bergen <sup>1</sup> .....							
Orange.....	198	198	198		193	193	193
Phillipsburg.....		179	179				179
Plainfield.....	183	183	184			183	183

<sup>1</sup> No report.



TABLE 87.—The average length of the school term in days, 1917-18—Continued.

## GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Kindergarten.	Elementary.	Secondary.	Normal schools.	Vocational schools.	Special and other schools.	Total average.
1	2	3	4	5	6	7	8
New Jersey—Continued.							
Town of Union (P. O. Weehawken)							
Weehawken		194					194
West New York	197	197	197				197
West Orange	187	187	187			187	187
New Mexico:							
Albuquerque		180	180				180
New York:							
Batavia	184	184	184				184
Beacon							
Cohoes	189	189	189	189			189
Corning—							
District No. 9		185	184				185
District No. 13		193	193		193		193
Cortland	191	191	191				191
Dunkirk	192	192	192		192	192	192
Fulton		182	182				182
Geneva	192	192	192				192
Glens Falls	189	189	189				189
Gloversville	192	192	192		192		192
Hornell		185	185				185
Hudson	191	191	188				191
Ithaca	196	196	196		183		196
Johnstown	191	191	191		190		191
Kingston		185	185				185
Lackawanna	189	189	189				189
Little Falls	188	188	188				188
Lockport	191	191	181				191
Middletown		173	178				174
Newburgh		180	180				180
New Rochelle	177	177	177				177
North Tonawanda	188	188	188				188
Ogdensburg		189	188				189
Olean	191	191	191				191
Oswego	186	186	186				186
Oswego	184	186	187				186
Peekskill—							
District No. 7		184	184				184
District No. 8	185	185	185				185
Plattsburg	187	187	187				187
Port Chester		184	184				184
Poughkeepsie		184	184				184
Romulus	187	187	187				187
Rome	189	189	189				189
Saratoga Springs	188	188	188				188
Watertown	192	192	192	192	192		192
Watervliet		192	192				192
White Plains	180	187	187				187
North Carolina:							
Asheville	190	190	190				190
Durham		179	180				179
Greensboro							176
Raleigh							168
Wilmington							160
Winston-Salem		175	175				175
North Dakota:							
Fargo		190	190				190
Grand Forks							
Ohio:							
Alliance		176	177				176
Ashtabula							174
Bellevue							172
Cambridge		177	177				177
Chillicothe		182	180				183
East Liverpool		170	170				170
Elyria	183	183	183				183
Findlay		175	175				175
Ironton		170	170				170
Lakewood	184	184	184				184
Lancaster		186	186				186
Lorain	181	181	181				181
Mansfield							178
Marion		180	180				180
Marion		186	186				186

\* No report.

TABLE 87.—The average length of the school term in days, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Kinder- garten.	Elomen- tary.	Second- ary.	Normal schools.	Voca- tional schools.	Special and other schools.	Total average.
1	2	3	4	5	6	7	8
Ohio—Continued.							
Massillon.....		172	172				172
Middletown.....		175	175				175
Newark.....	188	188	188				188
Norwood.....		180	180				180
Piqua.....	163	163	163				163
Portsmouth.....		178	178				178
Sandusky.....		190	190				190
Staubenville.....		182	183				183
Tiffin.....		178	178				178
Warren.....		190	190				190
Zanesville.....		182	183				183
Oklahoma:							
Chickasha.....		175	175				175
Enid.....							
Guthrie.....							
McAlester.....		180	180				180
Muskogee.....		176	176				176
Shawnee.....		175	175				175
Tulsa.....	173	173	173				173
Oregon:							
Salem.....		172	172				172
Pennsylvania:							
Beaver Falls.....		180	180				180
Berwick.....		180	180				180
Braddock.....		180	180			180	180
Bradford.....		180	180				180
Butler.....		180	180			180	180
Carbondale.....		190	190				190
Carlisle.....		190	190			190	190
Carnegie.....							
Chambersburg.....		180	180		180	180	180
Coatesville.....							
Columbia.....		180	180				180
Connellsville.....							
Dubois.....		180	180				180
Dunmore.....							
Duquesne.....		180	180				180
Easton.....		190	190				190
Farrell.....							
Greensburg.....		180	180				180
Homestead.....		180	180				180
Lebanon.....		192	192			192	192
McKees Hooks.....		200	200				200
Mahanoy City.....		180	180				180
Meadville.....		180	180				180
Monessen.....		180	180				180
Mount Carmel.....		180	180				180
Nanticoke.....		190	180		180	180	180
Norristown.....		180	200			190	190
North Braddock (P. O., Braddock).....		180	180				180
Oil City.....							
Old Forge.....							
Phoenixville.....		187	186				187
Pittston.....		200	200				200
Plymouth.....		190	180				180
Pottstown.....		200	200				200
Pottsville.....		190	190				190
Shamokin.....		180	180		180		180
Sharon.....		180	180				180
Shenandoah.....		180	180				180
Steelton.....							
Sunbury.....		180	180				180
Uniontown.....							
Warren.....		180	180				180
Washington.....		180	180		180	180	180
West Chester.....		200	200		200		200
Wilkinsburg.....		180	180				180

\* No report.

TABLE 87.—The average length of the school term in days, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Kinder- garten.	Elemen- tary.	Second- ary.	Normal schools.	Voca- tional schools.	Special and other schools.	Total average.
1	2	3	4	5	6	7	8
Rhode Island:							
Central Falls.....		180	183			180	180
Cranston (P. O., Providence)	172	170	180				172
Cumberland (P. O., Man- ville).....		191	191				191
East Providence.....							
Newport.....	145	158	187				162
Warwick.....	161	161					161
South Carolina:							
Columbia.....		162	162				162
Groenville.....							
Spafanburg.....		175	175				175
South Dakota:							
Aberdeen.....	175	175	175				175
Sioux Falls.....	176	176	176				176
Tennessee:							
Jackson.....		180	180				180
Texas:							
Austin.....	175	175	175				175
Beaumont.....		175	175				175
Brownsville.....		167	167				167
Cleburne.....		165	165				165
Denison.....		176	176				176
Laredo.....							
Marshall.....		175	175				174
Palestine.....		176	176				175
Paris.....		178	178				178
San Angelo.....		169	169				169
Sherman.....		175	175				175
Temple.....		178	178				178
Tyler.....		174	174				174
Waco.....		173	173				173
Utah:							
Ogden.....	177	177	177				177
Vermont:							
Barre.....		155	155				155
Burlington.....	170	170	170				170
Rutland.....		180	180				180
Virginia:							
Alexandria.....		189	189				189
Danville.....		174	174				174
Lynchburg.....							
Newport News.....		182	182				182
Petersburg.....		180	180				180
Staunton.....		180	180				180
Washington:							
Aberdeen.....		183	183				183
Bellingham.....		178	178				178
Everett.....		180	180			180	180
Walla Walla.....		179	179				179
Yakima.....							
West Virginia:							
Bluefield.....		178	178				178
Charleston.....		176	176				176
Martinsburg.....							
Parkersburg.....		181	181				181
Wisconsin:							
Appleton.....	175	175	175		200	175	175
Ashland.....	182	182	182				182
Beloit.....	177	177	177		162		177
Eau Claire.....	175	175	175			175	175
Fond du Lac.....	190	190	190			190	190
Green Bay.....	180	180	180		180		180
Janesville.....	172	172	172		172		172
Kenosha.....	195	195	195		196	195	195
Madison.....	181	181	181		193	181	181
Manitowoc.....	183	183	183		183		183
Marquette.....	185	185	185		180	185	185
Sheboygan.....	196	196	196		196		196
Wausau.....	180	180	180		180	180	180
Wyoming:							
Cheyenne.....		183	183				183

No report.

TABLE 88.—Miscellaneous statistics of city public schools, 1917-18.

GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

Cities	Health and recreation.					Expenditure for transportation of pupils.	Number of truant officers.	Junior high schools.				
	Number of school physicians.	Number of school nurses.	Expended for—		Number.			Grades included.	Teachers.		Enrollment.	
			Promotion of health.	Recreation.					Men.	Women.	Boys.	Girls.
1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama:												
Birmingham.....	1	2										
California:												
Los Angeles.....	11	11	\$36,986		\$2,704	11	8	7-9	63	234	3,970	3,972
Oakland.....	1	8	2,814		539	3						
San Francisco.....	1	23	25,538			2						
Colorado:												
Denver.....			5,343		2,884	4	2	7-9	4	33	397	469
Connecticut:												
Bridgeport.....	1	15	(1)	(2)		3	4	6-8	3	31	619	699
New Haven.....	2	7				2						
Westville district.....			200	45								
District of Columbia:												
Washington.....	12	2	17,941		325	3						
Georgia:												
Atlanta.....												
Illinois:												
Chicago.....	100	110	10,156		40,348	55	3	7-9	5	18	116	219
Indiana:												
Indianapolis.....	5	9				8						
Kentucky:												
Louisville.....	4	4				5						
Louisiana:												
New Orleans.....	3	1				3						
Maryland:												
Baltimore.....	5	10				13						
Massachusetts:												
Boston.....	43	40	65,665	37,784	6,475	24						
Cambridge.....	13	5			459	7						
Fall River.....	8	0	2,759		1,160	6						
Lowell.....	9	2	4,904		1,168	4						
Worcester.....	15	1	4,696		650	4						
Michigan:												
Detroit.....	1				4,278	19	3	7-9	12	68	1,081	940
Grand Rapids.....	1	3			924	4	4	7-9	31	95	1,155	1,256
Minnesota:												
Minneapolis.....	9	29	35,294	3,604		5	3	7-9	25	52	791	799
St. Paul.....	1	10	14,998			1						
Missouri:												
Kansas City.....			971	1,161	1,398	6						
St. Louis.....	12	23	40,701		13,564	18	1	7-9	14	37	781	715
Nebraska:												
Omaha.....	1	13	19,380		2,790	2						
New Jersey:												
Jersey City.....	14	14	24,398	10,526		15						
Newark.....	8	28	49,516	19,245	2,070	17	3	7-9	10	35	662	777
Paterson.....	6	4	3,220			4						
New York:												
Albany.....	1	8	9,627	951	220	3						
Buffalo.....	25	21	47,243			17						
New York.....	100	218	249	118	141,888	172	14	7-9	107	203	4,229	5,252
Rochester.....				7,148	217							
Syracuse.....	12	8	20,073			3						
Ohio:												
Cincinnati.....	15	12	771		5,793	7	1	7-9	14	14	222	210
Cleveland.....	80	32	54,695	7,064	13,978	18	12	7-9	55	252	4,359	4,274
Columbus.....	1	4	12,011		2,363	2	9	7-9	41	139	3,398	3,873
Dayton.....	1	3	6,951	1,366	1,395	2						
Toledo.....	5	5				5						
Oregon:												
Portland.....	4	1				3						
Pennsylvania:												
Philadelphia.....	66	41	200,710	61,293	15,356	59	1	7-9	15	26	653	654
Pittsburgh.....	37	18	60,428			32	2		20	53	802	807
Scranton.....	21	4	7,904			4						

1 Under department of health.

2 Under department of recreation.

TABLE 88.—Miscellaneous statistics of city public schools, 1917-18—Continued.

## GROUP I.—CITIES OF 100,000 POPULATION AND OVER—Continued.

Cities.	Health and recreation.					Number of transient offi.	Junior high schools.						
	Number of school physicians.	Number of school nurses.	Expended for—		Expended for transportation of pupils.		Number.	Grades included.	Teachers.		Enrollment.		
			Promotions of health.	Recreation.					Men.	Women.	Boys.	Girls.	
1	2	3	4	5	6	7	8	9	10	11	12	13	
Rhode Island:													
Providence.....	9	8	\$15,234		\$1,767	1							
Tennessee:													
Nashville.....	5	1	6,417			4							
Virginia:													
Richmond.....	12	10	10,730	\$1,042		1	3	6-8	15	84	1,262	1,562	
Washington:													
Seattle.....	2	12	30,429		2,594	2							
Spokane.....	1	3	7,235		2,181	1	3	7-9	4	9	133	64	
Wisconsin:													
Milwaukee.....	12	10	28,006	16,555	3,782	11							

## GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

Alabama:														
Mobile.....			\$862		\$1,678									
Montgomery.....			675											
California:														
Berkeley.....		1	2,457			1	4	7-9	14	63	963	1,112		
Pasadena.....	2	2	6,160		111	1	1	7-9	6	23	242	298		
Sacramento.....	1		7,612		3,282	1	3	7-9	13	11	244	325		
San Diego.....	1	2	3,417	863	206	1								
Colorado:														
Pueblo—														
District No. 1.....		1	960	500		1								
District No. 20.....	1	1				1								
Connecticut:														
Hartford.....			879											
Meriden.....			4,155	9,991	1,578									
New Britain.....	3	1	1,832		177	1	1	7, 8	9	31	600	550		
Waterbury.....	2	2				1								
Florida:														
Jacksonville.....					3,634									
Tampa.....					1,037		2	7-9	6	36	573	694		
Georgia:														
Augusta.....					1,400									
Macon.....		2	1,315		7,494	4								
Illinois:														
Decatur.....		1	963		47	1	1	7, 8	2	17	352	385		
East St. Louis.....						5								
Joliet.....		3	2,691	44	641	1								
Peoria.....	1	2	2,469	327	25	2								
Quincy.....				318		1	3	7-9	4	20	271	285		
Rockford.....	3	3	5,088		34	1								
Springfield.....	2	2	2,559	331		1	4	7-9	10	60	883	974		
Indiana:														
Evansville.....			3,028											
Fort Wayne.....			1,164	3,800		3								
South Bend.....		3	2,031	11,331		3	1	7, 8	1	20	254	348		
Terre Haute.....		4				3								
Iowa:														
Cedar Rapids.....			164											
Davenport.....	1	1	3,747	913	180	1								
Des Moines.....	1	5	513	2,605	2,975	1								
St. Louis City.....		1	198	11,987	3,829	1	1	7-9	2	21	168	214		
Kansas:														
Kansas City.....		2			959	3	1	7-9	7	20	354	428		
Topeka.....		1	3,424			1	3	7-9	8	19	348	487		
Wichita.....	1	1	978	1,815	1,912	1	1	7-9	2	14	160	232		
Kentucky:														
Ovington.....		1	818			1	2	7, 8	2	18	280	354		
Lexington.....						2	1	7-9		22	394	528		
Newport.....		2	1,028			1								

\* Nine of these are city physicians.

TABLE 89.—Miscellaneous statistics of city public schools, 1917-18—Continued.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	Health and recreation.				Expended for transportation of pupils.	Number of truant officers.	Junior high schools.					
	Number of school physicians.	Number of school nurses.	Expended for—				Number.	Grades included.	Teachers.		Enrollment.	
			Promotion of health.	Recreation.					Men.	Women.	Boys.	Girls.
1	2	3	4	5	6	7	8	9	10	11	12	13
Maine:												
Portland.....												
Massachusetts:												
Boston.....	4	3	\$5,477		\$1,590	1	2	8,9	7	46	790	771
Chelsea.....	4	1	1,000			1	3	7-9		54	784	846
Ferret.....	5	2	1,075			1						
Fitchburg.....	3	2	4,692		4,534	1						
Haverhill.....	4	1	2,200		3,814	1						
Holyoke.....	3	1	4,004		1,443	2	1	7-9	2	11	140	109
Lawrence.....	6	1	4,320			4						
Lynn.....	2	4			759	2	2	7, 8	6	25	517	525
Malden.....	3	1	1,766			1						
New Bedford.....	11	4	7,252		1,949	3						
Newton.....	6	4	6,065		2,941	1						
Pittsfield.....	3	2	2,529		6,403	1						
Quincy.....	6	2	4,873	\$777	2,103	1						
Salem.....	1	1	1,072		650	1						
Somerville.....	8	2	4,687			1						
Springfield.....	13	4	10,202		2,010	4	3	7-10	11	58	838	936
Thunton.....	1	1	2,507		3,064	1						
Michigan:												
Calumet.....					250							
Flint.....	2	2	459	5,251		1	1	7-10	3	15	176	224
Jackson.....	1	2	2,989	794	149	1						
Kalamazoo.....	1	2	2,895			1	3	7-9	10	40	625	675
Lansing.....		1	2,392	433		1						
Saginaw—												
East side.....	1		910			1						
West side.....			603			1						
Minnesota:												
Duluth.....	1	4	4,959	4,832	3,696	1	4	7-9	18	63	972	1,067
Missouri:												
St. Joseph.....	1	3				2						
Springfield.....		1	833			1						
Montana:												
Butte.....		2	3,282			2	1	7, 8	5	16	201	219
Nebraska:												
Lincoln.....	1	2				1	3	7-9	3	25	198	193
New Hampshire:												
Manchester.....	1	0			2,466	2	1	7-9	2	5	97	119
New Jersey:												
Bayonne.....	2	3	7,774	1,628	15	5						
East Orange.....	2	2	3,232		588	1						
Elizabeth.....	5	4	5,178			2						
Hoboken.....	4	2	10,946	867	2,767	5	1	7, 8	1	3	60	40
Passaic.....	5		2,425			2						
Perth Amboy.....			1,658									
Trenton.....	10	9	10,326			5	2	7-9	20	61	813	1,131
West Hoboken.....	3	1	2,173	132		1						
New York:												
Amsterdam.....	1	1	2,537	1,381		1						
Auburn.....	1	1	2,268	200		1						
Binghamton.....	2	3	5,092	3,231	1,554	1						
Elmira.....	2	2	3,506	99	70	1						
Jamestown.....	2	1	2,264	1,550		1						
Mount Vernon.....	2	3	5,628	789	326	2	1	7, 8	1	9	135	174
Niagara Falls.....	5	2	3,650	500	101	1						
Schenectady.....	6	13	18,251	6,480	22	3						
Troy.....												
Union district.....	2	3	4,842	80		2						
Lansingburgh district.....												
Utica.....	3	3	7,448			3						
Yonkers.....	6	2	5,115		3,970	3						
North Carolina:												
Charlotte.....			46									

TABLE 88.—Miscellaneous statistics of city public schools—Continued.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	Health and recreation.				Expended for transportation of pupils.	Number of truant officers.	Junior high schools.					
	Number of school physicians.	Number of school nurses.	Expended for—				Number.	Grades included.	Teachers.		Enrollment.	
			Promotion of health.	Recreation.					Men.	Women.	Boys.	Girls.
1	2	3	4	5	6	7	8	9	10	11	12	13
Ohio:												
Akron.....				\$833								
Canton.....	1	2	85,848	1,202		1						
Hamilton.....				475		1						
Springfield.....		1	850	300		1						
Youngstown.....			3,826		\$1,470							
Oklahoma:												
Oklahoma.....	1	1	1,411			1						
Pennsylvania:												
Allentown.....	2	2	5,615	2,297		1	4	7-8	15	18	467	502
Alltona.....	2		1,200	1,117		2						
Bethlehem.....	1	2	2,240			1	1	7-9	3	8	102	232
Chester.....			834	675								
Erle.....	1	4	7,653	2,381		2						
Harrisburg.....	2	2	3,538			3						
Hazleton.....						1						
Johnstown.....	1	2	5,816			2	1	7-9	5	14	196	232
Lancaster.....	2		958	100		1						
McKeesport.....	14	4	2,457		400	2						
New Castle.....	1		1,135			1						
Reading.....	3	4	5,906			2						
Wilkes-Barre.....	5	4	4,785	450		2						
Williamsport.....	1	1	1,614		630	1						
York.....	6	1	630			1						
Rhode Island:												
Pawtucket.....	1		1,000			1						
Woonsocket.....	7	1	1,828			1						
South Carolina:												
Charleston.....			21									
Tennessee:												
Chattanooga.....			1,952			1	1	7-9	5	12	229	226
Knoxville.....			50									
Texas:												
Dallas.....			38	1,424								
El Paso.....	2	1				1						
Galveston.....	1	1				1						
Houston.....	1	2			360	2	3	7-9	17	52	813	1,070
San Antonio.....	1	2	2,838			1						
Utah:												
Salt Lake City.....	1	7	17,011			1	8	7-9	12	70	1,121	1,179
Virginia:												
Portsmouth.....	1	2	1,673									
Roanoke.....	1	1	430				1	6-8	4	28	426	693
Washington:												
Tacoma.....	2	3	5,569		1,781	1						
West Virginia:												
Huntington.....	1		1,030		445	1	3	7-9	16	40	695	735
Wheeling.....	1	4				1						
Wisconsin:												
La Crosse.....	1	3				1	5	7-8	7	19	313	376
Oshkosh.....					26							
Racine.....		6	3,302		409	1						

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Alabama:												
Bessemer.....	1					1						
Selma.....						1						
Arizona:												
Phoenix.....	1					1						
Arkansas:												
Fort Smith.....						1						
North Little Rock.....	1		6760		8340	1	1	7-9	3	3	79	81
Pine Bluff.....			300									

TABLE 88.—Miscellaneous statistics of city public schools—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Health and recreation.				Expended for transportation of pupils.	Number of truant officers.	Junior high schools.						
	Number of school physicians.		Expended for—				Number.	Grades included.	Teachers.		Enrollment.		
	Number of school nurses.	Promotion of health.	Recreation.	Men.					Women.	Boys.	Girls.		
1	2	3	4	5	6	7	8	9	10	11	12	13	
California:													
Alameda		1	\$1,277	\$1,097	\$900	1							
Bakersfield			61	175									
Eureka					3,377	1							
Fresno		1	1,082		120	1							
Pomona			390				2	7-10	8	26	386	377	
Redlands	1	1			2,682								
Riverside	1	1	1,196	61	3,392	1							
San Jose	1		1,800			1							
Santa Cruz			134		1,400								
Stockton		2	2,405	534	1,888	1							
Colorado:													
Colorado Springs	1	3	1,100		1,301	1							
District No. 1		1				1							
Connecticut:													
Danbury		1	1,051		975	1							
Greenwich		2	2,200			1							
Manchester (town schools)			950										
Middletown			1,388	378	17								
Naugatuck		4	400			1							
New London		1	2			1							
Norwalk		1	978		1,350	1	2	7-9	7	36	406	485	
Norwich		1	1,380		1,718								
Orange		1	1,984		4,337								
South Manchester			2,910										
Stamford		2	1			1							
Torrington		1	2	2,510		1							
Wallingford		5	1	1,250		1							
Windham		1	1	445	1,042	1							
Georgia:													
Brunswick		2	2				1	7-9	4	5	112	123	
Columbus		2	2	1,575									
Rome		1											
Waycross				100			1	6,7	0	7	112	139	
Idaho:													
Boise				113		2							
Illinois:													
Alton				1,250									
Aurora—													
East side		1		750									
West side		1		359									
Belleisle		3		875		1	1	7,8	2	10	243	306	
Caro		2		1,360									
Champaign		1		1,085									
Chicago Heights		1		490									
Cicero		3		1,600									
Danville		1		1,055									
Elgin													
Evanston—													
District No. 75		1	3,847	2,478		1							
District No. 76		1	213	60		1							
Freeport				900	25								
Galesburg				810									
Jacksonville		1				1	1	7,8	1	11	140	126	
Kankakee		2		95		1							
La Salle				450	160								
Lincoln		1		900									
Mattoon		1		1,232									
Moline		2		1,270	116								
Oak Park		1		1,480	106								
Rock Island		1		1,000									
Streator		1		226									
Waukegan		1											

\* Not including district No. 1.



TABLE 88.—Miscellaneous statistics of city public schools, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Health and recreation.				Expended for transportation of pupils.	Number of truant officers.	Junior high schools.					
	Number of school physicians.	Number of school nurses.	Expended for—				Number.	Grades included.	Teachers.		Enrollment.	
			Promotion of health.	Recreation.					Men.	Women.	Boys.	Girls.
1	2	3	4	5	6	7	8	9	10	11	12	13
Indiana:												
East Chicago.....	3		\$1,881			1	2	7-9	3	12	328	293
Elkhart.....	2					1	1	6-8	2	15	261	296
Gary.....	1	2	5,013		\$500	2						
Huntington.....			410									
Kokomo.....	1		338			1	1	7,8	2	8	331	326
Laporte.....						1						
Logansport.....						1						
Michigan City.....	1		1,500			1						
Mishawaka.....		1	1,051			1	1	7,8	6	7	193	215
Muncie.....			558			1						
New Albany.....				\$52		1						
Peru.....						1	1	7,8	3	7	123	111
Richmond.....	2					1	1	7,8	11	12	240	300
Vincennes.....	1		100			1	1	7-9	6	10	247	321
Iowa:												
Burlington.....	1		1,329			1						
Clinton.....			250		272							
Council Bluffs.....	1	1	2,000		2,268	1						
Iowa City.....	1	1				1						
Keokuk.....	1	1				1						
Marshalltown.....			850			1						
Mason City.....			862			1						
Muscatine.....	1		384			1						
Ottumwa.....		1	958			1						
Waterloo.....						1						
East side.....	1	1	900			1	1	7-9	2	9	125	175
West side.....	1	1				1						
Kansas:												
Coffeyville.....				175		1						
Fort Scott.....				136		1						
Hutchinson.....						1	1	7-9	3	9	142	212
Lawrence.....		1	70			1	1	7,8	3	11	201	225
Leavenworth.....		3	1,726		36	1	3	7,8	0	15	229	191
Parsons.....						1						
Pittsburg.....						1						
Kentucky:												
Frankfort.....			176			1						
Henderson.....	1	1				1						
Owensboro.....			18			1						
Paducah.....						1	1	7,8	1		129	181
Louisiana:												
Alexandria.....					450	1						
Monroe.....		1	281	65	1,280	1						
Shreveport.....	1		900	150	540	1	1	7,8	1	15	262	396
Maine:												
Auburn.....	1	1	350		2,018		1	8,9	1	6	75	68
Biddeford.....					545							
Lewiston.....					120	1						
Waterville.....			400	2,700		1						
Maryland:												
Cumberland.....						1						
Frederick.....			1			1						
Hagerstown.....						1						
Massachusetts:												
Adams.....	4	1	1,406		283	1						
Arlington.....	1	1	2,149	596		1						
Attleboro.....	2	1	634		3,821	1	1	7,8	1	16	225	215
Beverly.....	1	1	1,174		3,966	2						
Brookline.....	11	1	3,016		2,150	1						
Chicopee.....	2	2			3,437	1						
Clinton.....	1	1	94		1,336	1						
Frammingham.....	1	1	4,006		4,164	1						
Gardner.....	1	1	1,214		2,078	1						
Gloucester.....	4		800		3,996	1						
Greenfield.....			813		1,503	1						

\* Division as to sex estimated.

TABLE 88.—Miscellaneous statistics of city public schools, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Health and recreation.				Expended for transportation of pupils.	Number of truant officers.	Junior high schools.					
	Number of school physicians.	Number of school nurses.	Expended for—				Number.	Grades included.	Teachers.		Enrollment.	
			Promotion of health.	Recreation.					Men.	Women.	Boys.	Girls.
1	2	3	4	5	6	7	8	9	10	11	12	13
Massachusetts—Contd.												
Leominster.....	1	1	\$222		\$1,052	1	1	7-8	0	8	131	120
Marlboro.....	1	1	571		2,035	1						
Medford.....	1	1	206			1						
Melrose.....	1	1	400		834	1						
Methuen.....	1	1	363		1,245	1						
Newburyport.....	1	1	727		462	1						
North Adams.....	2	1	1,000		1,110	1						
Peabody.....	11	1	1,431		2,427	1						
Plymouth.....	1	1	1,575		2,546	1						
Revere.....	2	1	1,230		57	1	1	7-9	1	37	651	652
Southbridge.....	1	1				1						
Wakefield.....	1	1	980			1						
Watertown.....	3	1	1,398			1						
Webster.....	1	1	1,068		880	1						
Weymouth.....	1	1	275		2,911	1						
Winthrop.....	1	1	200		725	1						
Woburn.....	1	1	300		120	1						
Michigan:												
Adrian.....	1	1				1	1	7-9	1	11	188	223
Ann Arbor.....	1	1	3,315	\$1,108		1						
Battle Creek.....	1	2	1,914			1		7, 8	1	15	296	299
Holland.....	1	1			124	1	1	7, 8	0	10	183	180
Ironwood.....	1	1				2	1	7, 8	2	7	190	195
Ishpeming.....	1	1	3	100		1						
Marquette.....	1	1				1						
Muskegon.....	3	1	3,258	2,349	124	1						
Pontiac.....	1	1	2,250	2,321		1						
Port Huron.....	1	1	18			1						
Sault Ste. Marie.....	1	1	10		8	1		7, 8	1	7	172	185
Traverse City.....	1	1	600		281	1						
Minnesota:												
Mankato.....	1	1	800		60	1	1	7-9	1	10	174	258
Virginia.....	1	1	2,477	913	7,176	1						
Winona.....	1	1	935			1	1	8, 9	1	9	156	167
Missouri:												
Hannibal.....	1	1				1	3	7-9	3	19	222	254
Jefferson City.....	1	1				1						
Sedalia.....	1	1	50			1						
Webb City.....	1	1	92	75		1						
Montana:												
Great Falls.....	1	1			455	1	1	7, 8	5	17	334	393
Helena.....	1	1	1,867		540	1						
Nebraska:												
Grand Island.....	1	1	150			1						
New Hampshire:												
Berlin.....	3	1	159		1,125	1	1	7, 8	0	8	110	120
Concord.....	1	1	1,176		3,151	1	5	7, 8	0	19	184	249
Dover.....	1	1	809		2,771	1						
Keene.....	1	1	809		1,918	1	1	7, 8	2	9	141	132
Nashua.....	2	1	3,665		997	1	1	8, 9	1	10	171	169
Portsmouth.....	1	1				1	1	7, 8	2	10	152	181
New Jersey:												
Asbury Park.....	2	1				1						
Bloomfield.....	2	1			850	1	1	7, 8	6	8	224	205
Bridgeton.....	1	1	1,020			1	1	8, 9	2	11	170	215
Garfield.....	1	1			1,301	1						
Hackensack.....	4	1	1,128			1						
Irvington.....	4	1	1,680	103	15	1	1	7, 8	2	17	263	241
Kearny (P. O., Arlington).....	1	3	4,302			1						
Long Branch.....	1	1	800			1						
Millville.....	1	1	627		5,611	1						
Montclair.....	2	3	2,594	940	147	1	3	7-9	7	27	467	462

\*18 other teachers, give part time to junior high school.

TABLE 88.—Miscellaneous statistics of city public schools, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Health and recreation.					Expended for transportation of pupils.	Number of truant officers.	Junior high schools.				
	Number of school physicians.	Number of school nurses.	Expended for—		Number.			Grades included.	Teachers.		Enrollment.	
			Promotion of health.	Recreation.					Men.	Women.	Boys.	Girls.
1	2	3	4	5	6	7	8	9	10	11	12	13
New Jersey—Continued.												
New Brunswick.....	1	1	\$1,016				1					
Orange.....	1	3					1					
Phillipsburg.....			757		\$132							
Plainfield.....	2	1	2,854				1					
West New York.....	2	2	3,244	\$310			1					
West Orange.....	1	2			3,138		1	2	7-9	1	11	208 236
New Mexico:												
Albuquerque.....		1	900	2,159			1					
New York:												
Ratavia.....	1	1	890				1					
Beacon.....			776	3								
Cohoes.....	1	1	568				1					
Cotting—												
District No. 9.....	1	1	884				1					
District No. 13.....			350									
Cortland.....	1	1	1,496				1					
Dunkirk.....	1	1	2,740	198			1					
Fulton.....			875									
Gapeva.....			799				1					
Glens Falls.....	1	1	1,947	1,121			1					
Gloversville.....	1	1	1,569				1					
Hornell.....	1	1	455				1					
Hudson.....	1	1	380				1					
Ithaca.....	1	2	1,566	829			1	1	7-9	3	128	354 576
Johnstown.....			1,367									
Kingston.....			1,629									
Lackawanna.....	1	1	812				1					
Little Falls.....	1		244				1					
Lockport.....	1	1	973	140			1					
Middletown.....	1		1,133	615			1					
Newburgh.....	1	1	1,511	2,360								
New Rochelle.....	1	1	4,070	337								
North Tonawanda.....	1	1	1,439		1,415		1					
Ogdensburg.....	1	1	330				1					
Olean.....	1	1	1,267		201		1					
Ossining.....	2	1	1,497	111	482		1					
Oswego.....			886									
Peekskill—												
District No. 7.....	2	1	1,163				1					
District No. 8.....	1	1	824				1					
Plattsburg.....	1	1	446	36			1					
Port Chester.....	1	1	1,426				1	1	7-8	2	17	200 216
Poughkeepsie.....	1	1	2,193	2,363			1					
Rensselaer.....	1		235				1					
Rome.....			1,225									
Saratoga Springs.....	1	1	1,163				1					
Watertown.....	1	1	707	385			1					
Watervliet.....			585									
White Plains.....	1	2	2,143	950	194		1					
North Carolina:												
Asheville.....	1	2	75				2					
Durham.....	1	2	1,256	2								
Winston-Salem.....	1	4					1					
North Dakota:												
Fargo.....	1	1	1,350		41		1	2	7-9	1	14	363 400
Ohio:												
Alliance.....	1		1,440				1					
Cambridge.....							1					
Chillicothe.....			300				1					
East Liverpool.....	1		880		968		1					
Ferris.....	1		890				1					
Findlay.....	1						1					
Ironton.....							1					
Lakewood.....			1,280		84		1					
Lancaster.....							1					

\* Division as to sex estimated.

† Teach in senior high school also.

TABLE 88.—Miscellaneous statistics of city public schools, 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Health and recreation.					Expenditure for transportation of pupils.	Number of truant officers.	Junior high schools.					
	Number of school physicians.	Number of school nurses.	Expended for—		Number.			Grades included.	Teachers.		Enrollment.		
			Promotion of health.	Recreation.					Men.	Women.	Boys.	Girls.	
1	2	3	4	5	6	7	8	9	10	11	12	13	
Ohio—Continued.													
Lorain			\$2,326		\$134								
Marietta			5										
Marion						1							
Masillon						1							
Newark				\$1,120		1							
Norwood	1		342			1							
Piqua	1	1	360			1							
Portsmouth	1	1				1							
Warren	1	1	580			1	3	7-9	3	19	290	206	
Oklahoma:													
Muskogee	1		1,496			1	2	7-9	5	10	294	465	
Shawnee													
Tulsa	1	1	436		10	1	1	7-9	1	7	116	162	
Oregon:													
Salem	1	1	1,000			1	3	7-9	11	17	426	490	
Pennsylvania:													
Beaver Falls			1,516			1							
Braddock	5		440			1							
Bradford		1	728			1							
Butler	1			250		1							
Carlisle	2		269			5							
Chambersburg						1	1	7, 8	3	6	168	181	
Columbia			250			1	1	8, 9	1	4	97	105	
Duquesne						1							
Easton						1							
Greensburg	3	1	1,643			1							
Homestead & Lebanon	1	1				1	1	7, 8	2	5	169	209	
McKees Rocks						1	1	7, 8	0	11	157	175	
Mahanoy City						1							
Meadville	1					1	1	7, 8	0	0	210	263	
Monessen	1	1	1,082			1	1	7, 8	1	11	183	199	
Nanticoke	3		750			1							
Norristown	3		900			1							
Phoenixville	1		253			1	1	7, 8	0	6	120	185	
Pittston						1	1	7-9	2	11	219	231	
Plymouth	1					1							
Pottsville						1							
Shamokin			500			1							
Sharon						1							
Shenandoah			1,000			1							
Sunbury			496			1							
Warren			480			1							
West Chester	1		508			1							
Wilkesburg				186		1	1	7, 8	1	19	300	320	
Rhode Island:													
Central Falls	4		719			1							
Cranston (P. O.)	3		800		212	1							
Providence	3												
Cumberland (P. O.)													
Manville													
Newport	4	1	280		814	1							
Warwick	3	2	760		71	1							
South Carolina:													
Columbia	1	1				1							
Spartanburg	2	1	720			1							
South Dakota:													
Aberdeen	1	1	1,130			1							
Sioux Falls	1	1	191			1							
Tennessee:													
Jackson							1	7, 8	0	9	208	186	

\* Division as to sex estimated.

TABLE 88.—Miscellaneous statistics of city public schools 1917-18—Continued.

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Health and recreation.				Expended for transportation of pupils.	Number of truant officers.	Junior high schools.					
	Number of school physicians.	Number of school nurses.	Expended for—				Number.	Grades included.	Teachers.		Enrollment.	
			Promotion of health.	Recreation.					Men.	Women.	Boys.	Girls.
1	2	3	4	5	6	7	8	9	10	11	12	13
Texas:												
Austin.....	1		\$634			1	1	7, 8	6	23	401	409
Beaumont.....			1, 350									
Cleburne.....				\$500		1						
Waco.....			1, 100									
Utah:												
Ogden.....	3	1	285		\$664	1	3	7, 8	6	38	568	648
Vermont:												
Burlington.....	2	1	1, 410	139		1	1	7, 8	2	10	180	148
Rutland.....	1		237			1						
Virginia:												
Danville.....			750									
Newport News.....	1					1						
Petersburg.....			1, 165									
Staunton.....	1		675	30								
Washington:												
Aberdeen.....			1, 178		1, 716							
Bellingham.....	1				2, 545	1						
Everett.....	1	1	1, 322		697	1						
Walla Walla.....	1	1	470			1	1	7, 8	0	6	88	110
West Virginia:												
Bluefield.....	1	1	165			1						
Charleston.....	1	1	992		593	1	8	7, 8	2	32	441	487
Parkersburg.....	1	1	200		900	1	1	7, 8	4	17	816	350
Wisconsin:												
Appleton.....			85		116	1						
Beloit.....	1		490			1						
Eau Claire.....	1					1						
Green Bay.....	1					1						
Janesville.....	1			851		1						
Kenosha.....	1	3	3, 200			2	2	7-9	6	26	423	410
Madison.....	1	3	3, 771			2	1	7-9	2	4	62	68
Manitowoc.....	1	1	840			1						
Marinette.....			24			1						
Sheboygan.....			748									
Wausau.....	5	2				1						
Wyoming:												
Cheyenne.....	1				538	1						

TABLE 89.—Statistics of evening schools, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

City.	Number of teachers.						Number of pupils.						Expenses of instruction.					
	Elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.		Elementary, including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.		Elementary, including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.	
					Male.	Female.					Male.	Female.						
Alabama:																		
Birmingham.....	11		13	1	18	7	245		234	8	327	160					81,671	
California:																		
Los Angeles.....	165	110			109	171	10,975	12,424			11,958	11,443	94,575	860,600			126,175	
Oakland.....	38	169			105	102	11,330	10,390			14,988	16,732	10,315	68,624			78,939	
San Francisco.....	41	56			49	54	3,344	4,917			5,424	2,922	36,855	45,398		(1)	82,343	
Colorado:																		
Denver.....	6		44	1	28	23	262		2,322	36	1,520	1,090	1,693		\$10,513	\$522	12,628	
Connecticut:																		
New Haven.....	29	11	9	5	16	29	1,380	283		362	66	1,714	382				6,908	
District of Columbia:																		
Washington.....	43	29	28		50	52	1,867	863		563	1,767	1,026	7,173	3,365	2,742		13,280	
Georgia:																		
Washington.....	70	80		19	72	115	2,208	5,748			4,262	4,506	24,322	18,265		(1)	42,617	
Illinois:																		
Chicago.....	35				15	20	967				1,494	1,483					15,000	
Indiana:																		
Indianapolis.....	296	655			443	611	13,079	24,186			21,044	16,221	113,469	113,469			226,998	
Kentucky:																		
Louisville.....	33	32	61		69	67	1,083	984		1,174	1,599	1,642					20,442	
Louisiana:																		
New Orleans.....	21		7		12	16	633		132		465	1,300					5,878	
Massachusetts:																		
Boston.....	74	31			32	73	2,824	926			2,564	1,106					4,011	
Maryland:																		
Baltimore.....	65	86		4	81	24	2,410	2,241			116	2,873	2,394	8,419	8,927	(1)	17,346	

(1) Division as to sex estimated.

(2) Included in columns 14 and 15.

(3) State enrollment.

(4) Estimated.



TABLE 89.—Statistics of evening schools, 1917-18—Continued.  
GROUP 1.—CITIES OF 100,000 POPULATION AND OVER—Continued.

Cities.	Number of teachers.							Number of pupils.					Expenses of instruction.				
	Elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.		Elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.		Elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.
					Male.	Female.					Male.	Female.					
	2	3	4	5	6	7	8	9	10	11	13	13	14	15	16	17	18
<b>Massachusetts:</b>																	
Boston	146	148	32		105	161	4,994	6,004	936		5,790	6,164	\$43,065	\$45,390	\$7,575		\$86,030
Cambridge	64	31	9		23	81	1,339	1,134	304		1,388	1,391	4,126	2,075	2,362		8,563
Fall River	79	25		5		81	1,843	837		307	1,603	784	7,131	2,773		(*)	9,904
Lowell	39	39	42		54	80	1,717	1,459	801		1,744	1,644	5,172	1,644	3,795		13,915
Worcester	66	38			53	50	1,199	1,342			1,759	982	10,117	14,166			24,273
<b>Michigan:</b>																	
Detroit	27	319			195	151	625	16,222			10,192	9,655	19,471	104,609			123,089
Grand Rapids					66	83					1,433	1,612					26,675
<b>Minnesota:</b>																	
St. Paul	12	14	47	4	22	25	432	188	2,392	96	710	1,692			8,572		1,650
<b>Missouri:</b>																	
Kansas City	29	129	20		97	74	2,140	3,461	438		4,798	1,241	10,274	15,008	(*)		25,282
St. Louis	90	243			189	153	3,200	12,061			7,600	7,681	13,803	89,821			103,714
<b>Nebraska:</b>																	
Omaha	29	48			36	41	714	1,716			1,289	1,141	6,698	11,190			17,778
<b>New Jersey:</b>																	
Jersey City	55	67	8		55	60	1,794	2,522	453		2,770	1,910	7,174	7,358			23,190
Newark	192	177	46	27	223	189	6,078	6,072	1,490	628	8,910	6,161	37,131	46,621	\$676		116,696
Paterson	30	18	32		39	41	1,313	912	981		1,384	1,526	9,208	5,348			14,756
<b>New York:</b>																	
Buffalo	20	18	34		31	41	480	912	1,156	242	1,330	1,189	3,619	4,882	8,371		16,872
Rochester	330	190	44	16	254	316	7,746	5,828	874		7,008	7,812	38,583	43,314	52,559	(*)	134,496
New York	1,200	784	262		1,263	1,013	41,048	49,775	13,685		58,779	45,629	280,873	473,703	119,381		882,937
Rochester	50	10	67		46	71	1,502	289	615		948	548	22,228	5,565	8,750		36,543

Syracuse	40	16	15	41	799	549	714	634	6,017	2,955	8,972
Ohio	66	145	100	111	2,952	5,132	3,918	4,166	34,199	39,689	55,865
Cincinnati	108	172	137	140	6,888	3,791	7,645	2,841	9,380	2,196	73,758
Cleveland	4	10	31	26	86	185	1,280	1,038	9,380	(*)	11,578
Dayton	10	20	20	10	279	618	467	430	2,196	(*)	74,060
Detroit	19	67	55	68	656	1,988	3,339	3,469	18,461	9,389	33,272
Portland	49	151	129	108	4,374	9,618	8,983	6,727	21,068	50,223	83,994
Pennsylvania	175	138	139	296	1,968	5,412	7,390	5,167	62,224	35,949	98,173
Philadelphia	37	30	34	37	1,088	1,251	1,136	1,262	6,012	7,367	14,879
Pittsburgh	82	66	62	96	1,621	1,776	214	1,580	5,366	16,523	27,620
Rhode Island	5	14	7	7	80	257	158	98	477	477	41,430
Tennessee	60	24	53	71	2,146	924	1,920	3,075	15,794	6,009	27,288
Memphis	20	137	114	56	1,157	6,512	5,228	2,871	1,502	13,797	37,796
Nashville	10	76	42	44	356	3,738	1,572	2,522	13,797	15,299	15,299
Virginia	53	63	51	96	2,786	2,173	1,986	2,993	47,659	13,192	60,851
Richmond	60	24	53	71	2,146	924	1,920	3,075	15,794	6,009	27,288
Washington	20	137	114	56	1,157	6,512	5,228	2,871	1,502	13,797	37,796
Seattle	10	76	42	44	356	3,738	1,572	2,522	13,797	15,299	15,299
Spokane	53	63	51	96	2,786	2,173	1,986	2,993	47,659	13,192	60,851
Wisconsin	53	63	51	96	2,786	2,173	1,986	2,993	47,659	13,192	60,851
Milwaukee	53	63	51	96	2,786	2,173	1,986	2,993	47,659	13,192	60,851

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

California	15	14	11	18	170	649	372	417	\$4,723	\$4,052	\$8,775
Berkeley	6	44	22	28	219	1,820	212	1,348	\$4,723	\$4,052	11,867
Fresno	13	24	15	22	1,025	1,654	1,146	2,133	10,348	13,082	22,931
Sacramento	42	42	22	20	3,961	3,961	1,752	2,209	18,234	18,234	76,254
San Diego	15	14	11	18	170	649	372	417	\$4,723	\$4,052	\$8,775
Colorado	41	30	25	46	650	350	900	200	7,687	7,156	14,843
Pueblo	15	14	11	18	170	649	372	417	\$4,723	\$4,052	\$8,775
District No. 1	5	5	1	4	193	193	63	130	8663	8663	663
Connecticut	41	30	25	46	650	350	900	200	7,687	7,156	14,843
Hartford	15	16	11	22	236	398	406	213	2,912	2,912	3,495
Meriden	16	16	9	20	1,150	1,150	1,000	416	2,912	2,912	6,723
New Britain	49	24	22	60	972	312	1,112	716	9,062	5,642	14,704
New Haven	3	3	0	3	65	65	32	33	4,606	4,606	4,606
Florida	7	7	0	7	222	222	180	52	4,606	4,606	4,606
Jacksonville	4	4	3	1	51	51	38	13	810	810	810
Tampa	8	8	1*	7	87	87	23	64	638	638	638
Illinois	4	4	2	2	64	64	61	3	289	289	289
Decatur	8	8	1*	7	87	87	23	64	638	638	638
Joliet	4	4	2	2	64	64	61	3	289	289	289

\* Included in preceding column.

\* Estimated.

\* Included in columns 14 and 15.



TABLE 89.—Statistics of evening schools, 1917-18—Continued.  
GROUP II.—CITIES OF 50,000 TO 100,000 POPULATION—Continued.

City.	Number of teachers.						Number of pupils.						Expenses of instruction.				
	Elementary including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.		Elementary including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.		Elementary including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.
					Male.	Female.					Male.	Female.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Illinois—Continued.																	
Peoria.....	9				5	4	186	1,137			57	102	\$1,093	\$5,157			\$1,093
Quincy.....	10	34			18	10	400				682	455	1,862				5,157
Rockford.....	11				5	6	158				60	98	202				1,862
Indiana:																	
Evansville.....	18	6	23	40	25	19	95	1,229	1,046	540	329	220		\$3,631	\$1,483		1,483
Fort Wayne.....	14	9			14	9	174	360	346	187	435	435					3,632
South Elkhart.....	13	13			13	13	863	633	111	15	744	778		1,876			2,180
Terre Haute.....	12	9	11		6	5	300	93			182	273		1,604	1,604		1,604
Iowa:																	
Under Rapids.....	6	4	5	12	10	17	114	151	346	187	435	435					3,202
Des Moines.....	40	23	6	1	26	34	863	633	111	15	744	778		1,876			1,876
Keosauqua.....	12	9			8	13	300	93			182	273					7,861
Kansas City.....	86	18			34	20	1,581	790			1,161	1,210					1,612
Topeka.....	11				4	7	201	113			158	166		1,887			5,925
Wichita.....	6				4	2	324				186	154					1,127
Maine:																	
Portland.....	10	14			8	16	144	196			186	154					8,000
Massachusetts:																	
Brockton.....	24	39			16	47	749	644			686	697		5,949			7,078
Chelsea.....	24				8	16	530				289	211					1,842
Everett.....	9	20	13		22	20	309	401	195		338	278		2,377	1,775		4,867
Fitchburg.....	44	6			15	35	513	104			338	278		2,580	2,446		3,037

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Havahth	19	8	28	262	185	721	256	191	1,861	828	6,049	2,667
Holyoke	42	22	31	658	476	721	989	1,066	4,133	4,017	8,952	14,210
Laurens	40	31	24	784	608	870	963	1,063	5,145	8,952	14,007	4,803
Lynn	17	25	12	70	870	870	260	681	1,339	3,464	6,467	8,497
Malden	49	25	12	1,152	870	870	260	681	1,339	3,464	6,467	8,497
New Bedford	12	7	13	1,807	617	338	1,237	371	2,098	2,665	6,873	9,073
Newton	17	7	22	233	237	338	411	1,078	1,357	1,992	4,394	1,407
Princeton	9	2	3	208	44	111	387	93	1,628	485	1,648	3,529
Quincy	9	6	6	223	111	146	251	130	2,974	500	7,945	1,878
Salem	15	4	7	278	118	103	845	600	2,974	4,198	933	7,945
Somerville	17	26	11	469	793	103	2,197	1,070	3,944	6,419	10,319	20,524
Springfield	37	31	36	860	1,202	1,205	1,161	1,160	2,177	1,140	2,317	5,720
Sturton	23	2	2	235	25	25	184	105	2,500	738	2,500	738
Michigan City	15	5	5	242	31	64	137	105	2,500	738	2,500	738
Calumet	22	22	14	491	491	491	267	224	1,797	1,797	1,707	1,707
Flint	23	8	14	476	440	440	242	224	2,548	2,548	2,548	2,548
Jackson	6	9	8	253	440	440	346	346	847	847	1,765	1,765
Kalamazoo	4	27	15	80	825	825	220	345	6,720	6,720	6,720	6,720
Leansing	28	12	13	946	472	472	472	472	6,720	6,720	6,720	6,720
Saginaw	6	4	4	140	140	140	76	64	175	294	738	738
East side	10	2	2	31	31	64	60	35	175	294	738	738
West side	4	4	4	31	31	64	60	35	175	294	738	738
Minnesota	1	10	5	31	140	64	60	35	175	294	738	738
Duluth	74	36	38	2,341	916	916	1,301	1,040	11,540	11,540	11,540	11,540
Lincoln	33	12	21	916	916	916	333	583	3,000	3,000	3,000	3,000
New Hampshire	30	25	28	354	241	241	308	287	2,907	2,907	2,907	2,907
New Manchester	34	19	8	734	522	192	967	481	4,134	2,819	8,460	8,460
New Jersey	18	21	28	444	583	583	657	370	3,477	4,015	7,492	7,492
Elizabeth	4	11	5	109	425	185	252	0	2,429	2,790	3,435	3,435
Hoboken	4	11	5	109	425	185	252	0	2,429	2,790	3,435	3,435
Passaic	4	11	5	109	425	185	252	0	2,429	2,790	3,435	3,435
Perth Amboy	4	11	5	109	425	185	252	0	2,429	2,790	3,435	3,435
Trenton	46	18	25	1,431	627	627	198	11	950	735	1,990	1,990
West Hoboken	2	13	7	431	421	421	124	19	1,111	1,111	13,420	13,420
New York	6	4	4	264	40	35	401	285	3,122	3,122	3,122	3,122
Amsterdam	21	4	4	831	40	35	172	303	335	244	606	1,174
Auburn	8	7	12	194	222	156	277	126	1,415	644	1,854	1,854
Binghamton	8	6	9	91	277	277	392	183	1,242	968	3,182	3,182
Elmira	10	14	6	197	246	242	408	232	1,746	1,531	3,248	3,248
Jamestown	6	11	9	180	348	242	282	161	927	1,019	1,948	1,948
Mount Vernon	21	26	14	470	1,072	422	395	386	1,254	1,931	4,815	4,815
Niagara Falls	31	27	17	578	1,100	362	780	702	1,742	1,824	3,560	3,560
Schenectady	15	37	21	136	248	712	1,832	728	3,100	3,058	7,668	7,668
Troy (Union district)	15	37	21	136	248	712	1,832	728	3,100	3,058	7,668	7,668
Utica	15	37	21	136	248	712	1,832	728	3,100	3,058	7,668	7,668
Yonkers	17	17	43	502	689	600	623	563	4,207	1,683	2,900	2,900
North Carolina	6	3	3	431	252	600	641	642	1,718	4,888	10,660	17,266
Charlotte	6	3	3	431	252	600	641	642	1,718	4,888	10,660	17,266

\* Estimated.

\* Division as to sex estimated.

\* Included in columns 14 and 15.

TABLE 89.—Statistics of evening schools, 1917-18—Continued.  
GROUP II.—CITIES OF 50,000 TO 100,000 POPULATION—Continued.

Cities.	Number of teachers.						Number of pupils.						Expenses of instruction.					
	Elementary including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.		Elementary including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.		Elementary including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.	
					Male.	Female.					Male.	Female.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Ohio:	18	3				21	0	351	74		403	22		\$2,471			\$2,132	
Albion						8	5	548			196	352					2,471	
Oklaoma	4	2				5	3	262		106	288	257		\$3,798		(*)	2,471	
Albiontown	6	23		2		16	13	319			546	498		284			4,067	
Altoona						3	4	1,225			83	130					5,440	
Chester	17	13	35			35	30	656	58		927	965		1,411	\$3,546		7,732	
Erle	3					4	0	70	102		131	41					534	
Harrisburg	3					4	0	44			138	309					2,300	
Johnstown	5	12		1		7	6	44	332		47	283					1,563	
Louisville	12	8				9	4	265			85	180					1,498	
McKeesport	13					5	9	75	250	45	138	232		669	640		4,992	
Frederick	15	20		4		26	9	802	508		502	808		2,913			2,407	
Williamsport	3					11	3	197	429		362	264					676	
Rhode Island	42	17				4	5	74	39		118	353					1,262	
Wilmington	33	14				23	37	1,024	539	58	1,068	553		2,316	\$1,810		3,277	
Worcester	6					11	40	370	318	120	507	301		1,258	(*)		1,492	
South Carolina:						2	5	161	20		140	41					1,492	
Charleston	18	7				18	7	382	699		529	682					5,191	
Dallas	12	10				7	16	625	564	105	569	623		2,953	(*)		4,877	
El Paso						4	9	614			480	134					2,310	
Galveston																		

Eggenston.	48	47	3,283	1,680	1,584	12,436	12,436
San Antonio.	13	4	1,750	465	1,288	3,814	3,814
Utah.	7	3	315	220	85	1,775	1,775
Vladislav Lake City.	6	6	387	189	191	765	597
Proctormouth.	7	6	376	441	166	155	1,517
Reynolds.	10	27	373	166	2,049	834	3,460
Washington.	7	5	177	112	65	1,200	8,334
Tacoma.	12	8	31	252	479	1,850	1,200
West Virginia.	5	17	14	566	901	4,715	1,850
Huntington.	17	13	13	710	524	2,406	1,850
Wheeling.	31	16	25	1,254	1,254	4,900	4,900
Wheaton.	23	13	13	1,254	1,254	4,900	4,900
Le Cross.	12	13	13	1,254	1,254	4,900	4,900
Oakbrook.	12	13	13	1,254	1,254	4,900	4,900
Racine.	25	16	16	1,254	1,254	4,900	4,900

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Arizona:	1	0	32	32	0	\$450	\$450
California:	1	13	152	541	720	610	6,474
Alameda.	3	8	218	45	165	2,340	2,340
Elureka.	16	8	1,843	683	44	558	3,626
Fresno.	10	20	1,430	158	78	1,299	1,299
Lang Beach.	11	3	430	198	273	1,705	1,705
Pomona.	6	4	149	106	177	806	806
Radianda.	14	4	584	228	408	328	2,832
Riverside.	2	17	1,590	551	1,048	9,901	9,901
San Jose.	25	19	2,012	738	1,397	8,813	8,813
Stockton.	3	3	135	35	100	675	675
Colorado:	2	1	62	62	0	260	260
Trinidad.	0	5	100	75	94	1,080	1,080
Connecticut:	1	1	44	38	6	354	354
Danbury.	2	1	68	50	16	188	188
Greenwich.	3	3	247	199	78	1,118	1,118
Middletown.	4	5	73	149	105	2,333	2,333
Naugatuck.	10	11	67	64	81	1,086	1,086
New London.	2	7	159	130	29	599	599
Norwalk.	6	4	37	467	225	711	4,034
Norwich.	14	7	318	112	12	1,089	1,089
Stamford.	11	4	220	37	63	786	786
Torrington.	5	5	142	79	79	819	819
Wallingford.	11	3	237	155	215	3,150	3,150
Windham.	5	0	0	126	0	503	503
Georgia:	6	9	237	126	0	819	819
Athens.	2	2	126	126	0	503	503
Brunswick.	6	0	0	126	0	503	503

\* Included in preceding column.

† Estimated.

‡ Included in columns 14 and 15.

TABLE 89.—Statistics of evening schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 50,000 POPULATION—Continued.

Cities.	Number of teachers.						Number of pupils.						Expense of instruction.					
	Elementary including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.		Elementary including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.		Elementary including elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.	
					Male.	Female.					Male.	Female.						
Illinois	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Average—	1						20				13	7	\$89				\$69	
East side							1			55		35					\$130	
West side							6				20	45					0	
Frankston (Dist. No. 70)	6						106				68	45					321	
La Salle	3						73			102	16	23					451	
Moline	1						3				10	15					212	
Oak Park	2						24				6	48					1,207	
Rock Island	11						57				40	17					238	
Streator	6						5				4	17					1,116	
Indiana	16	3					396	40	100	108	283	153	514	602			536	
East Chicago							34				34	170					536	
Elkhart							5,113	314	100	108	3,363	2,094					18,484	
Gary	104	20					52	137			105	105					691	
Kokomo	5	8					90				65	25	335	591			335	
Lafayette	1						13				102	102					667	
Louisville	5						154				407	146					2,132	
Madison	1						13				553	19					820	
Marion	4						60				41	19					1,045	
New Albany	4						80				45	30					2,919	
Peru	11						75				329	198					340	
Richmond							11				180	270					788	
Vincennes							17				6	11					142	
Lawrence	8						165				78	87					340	
Haristown	5						218				5	2					788	
Clinton							3				3	2					788	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918:

599

State	City	1917-18	1916-17	1915-16	1914-15	1913-14	1912-13	1911-12	1910-11	1909-10	1908-09	1907-08	1906-07	1905-06	1904-05	1903-04	1902-03	1901-02	1900-01			
Kansas	Council Bluffs	1	2	21	200	98	12	8	13	10	0	0	0	115	0	0	0	0	0			
	Mason City	10	10	165	200	98	12	8	13	10	0	0	0	115	0	0	0	0	0			
	Muscataine	1	0																			
	Independence	1	0																			
	Louisiana	1	0																			
	Maine	Shreveport	1	0	25					25	0	0	0	0	651	0	0	0	0	0		
		Barnum	11	8	64					95	34	487	1,360									
		Bridgton	5	11	300					200	100	859										
		Lewiston	9	9	331					157	174	1,006										
		Maryland	3	0																		
		Massachusetts	Hagerstown	0	3	133					74	59	707									
			Arlington	7	6	112					45	67	1,062									
			Attleboro	1	6	144					109	35	640									
			Beverly	13	10	280					314	155	2,787	1,483								
			Brookline	10	15	229					56	173	771									
Chilopse			15	0	168					90	95	865										
Clinton			4	3	166					178	112	660	640									
Frammingham			13	2	152					196	166	739	1,410									
Gardner			17	10	298					122	215	1,411										
Greenster			2	18	98	197	84			133	195											
Greenfield	9		5	2					181	178	348	401										
Greenwich	2		14	169	109	61			181	178	348	401										
Hartford	4		5	43	65	65			181	178	348	401										
Medford	2		6	52	279				181	178	348	401										
Methuen	2		1	27					21	6	122	204	506	400								
Milford	10	5	98	123	30			21	6	122	204	506	400									
Newburyport	10	5	115					21	6	122	204	506	400									
North Adams	2	7	125					21	6	122	204	506	400									
Northampton	2	4	77	96				21	6	122	204	506	400									
Peabody	3	4	33					21	6	122	204	506	400									
Beverly	14	5	82					21	6	122	204	506	400									
Southbridge	17	8	158	158				21	6	122	204	506	400									
Waldfield	11	7	132	128				21	6	122	204	506	400									
Waltham	6	4	95					21	6	122	204	506	400									
Watertown	11	4	162					21	6	122	204	506	400									
Webster	4	5	78	82				21	6	122	204	506	400									
Westfield	3	6	74	104				21	6	122	204	506	400									
Weymouth	7	6	125					21	6	122	204	506	400									
Wilmington	1	1	20	51				21	6	122	204	506	400									
Woburn	1	2	112					21	6	122	204	506	400									
Michigan	8	5						21	6	122	204	506	400									
Battle Creek	10	5	130	324				134	320													
Holland	9	0	12	36				18	18													
Ironwood	5	3	144	84				180	168													
Lapeer	1	1	127	10				21	21													
Macleagan	7	2																				
Pontiac	3	3																				

\* Estimated.

\* Division as to sex estimated.

TABLE 89.—Statistics of evening schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Number of teachers.										Number of pupils.						Expense of instruction.			
	Elementary including elementary grades in junior high schools.		Secondary (high) schools.		Vocational schools.		Normal and special schools.		Total.		Elementary including elementary grades in junior high schools.		Secondary (high) schools.		Vocational schools.		Normal and special schools.		Total.	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Michigan—Continued.																				
Detroit	11	8					6	98			60	38	\$657						\$657	
East Troy						5	3				84	39								664
East St. Marie						5					43	5							\$900	\$4,577
Minnesota																				
Mankato						4	1			48	135	11								
Virginia						4	2				85	284								
Winona						4	2				169	50								
New Hampshire																				
Berlin	4	7				3	8	100			175	50								1,532
Concord	2					1	1	44			44	20								1,243
Dover	4					2	60				40	20								337
Nashua	10	5				5	10	268			235	134								1,890
Plymouth	4					1	3	20			20	0								1,227
New Jersey																				
Blomfield	2	10	3			12	3	54	254	72	236	144	3,685	200						3,915
Bridgeport	1	1				2	0	22	15		15	22	100	100						200
Garfield	1					1	0	26	0		26	0								100
Hartford	2	4				5	5	48	224	12	206	157	434	1,024	256					2,409
Horseneck	2					1	1	44			26	18								317
Kearny (P. O., Arlington)	12					1	7	250			152	98								2,089
Milville	1					5	4	9	94		74	29								5,710
Montclair	17	10				40	17	348	190		263	273	2,395	3,286						5,671
New Brunswick	2	3	4	5		3	11	66	103	96	178	281	162	1,523	607					2,474
New Mexico	6	6	2			7	9	206	187	89	282	238								
Orange	1	1				4	2	107	130		130	107	241	334						575
New Brunswick	3	3				4	2	107	130		130	107	241	334						575
New York																				
Albany	16	2				6	10	185			104	61	1,130							1,130
Cobleskill	2	2				6	10	35	25		40	20	480							1,480
Danbury	2	3	14			6	13	38	60	341	144	265	201	100	894					1,255

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918
Fulton.....	3	3	50	16	140	53	0	179	211	0	179	0	179	0
Geneva.....	2	3	19	55		23	42	200	211	42	200	283	283	0
Gloversville.....	2	2	46	88	140	76	70	354	354	70	354	554	554	384
Hornell.....	3	3	1	18		7	41			41		247	247	0
Hudson.....	1	1	94	463	242	43	51	247	1,847	51	247	3,109	3,109	0
Ithaca.....	20	11	88	126		351	472	540	1,847	472	540	829	829	0
Lockport.....	2	2	43	212		64	105	203	1,847	105	203	839	839	0
Middletown.....	4	3	43	212		61	151		839	151		4,731	4,731	0
Newburgh.....	3	3	40	212	289	173	90	2,117	2,074	90	2,117	2,901	2,901	0
New Rochelle.....	3	3	58	226		151	113	227	2,074	113	227	2,901	2,901	0
North Tonawanda.....	4	4	38	92		22	67		2,074	67		909	909	0
Parisburg.....	1	2	8	416		24	68		325	68		325	325	0
Poughkeepsie.....	8	8	47	84		16	249	2,866	94	249	2,866	2,566	2,566	0
Putnam Springs.....	1	1	27	84		45	55	354	94	55	354	448	448	0
Westtown.....	2	2	87	213		155	175	512	513	175	512	1,025	1,025	0
White Plains.....	2	2	97	213		133	246	1,076	1,076	246	1,076	1,076	1,076	0
North Carolina:	5	5	379			89	228	1,199		228	1,199	1,199	1,199	0
Durham.....	5	5	317			12	0		175	0		175	175	0
North Dakota:	4	4	25	157		172	25			25		1,000	1,000	0
Fargo.....	4	4	25	157		15	10	50		10	50	300	300	0
Ohio:	3	3	115	131		56	54	300		54	300	4,520	4,520	0
Alliance.....	1	1	115	131		312	293	4,500		293	4,500	4,500	4,500	0
Chillicothe.....	1	1	40	152		50	81			81		2,126	2,126	0
Elvira.....	3	3	140			280	337			337		755	755	0
Lyra.....	2	2	25			115	25			25		325	325	0
Paris.....	10	10	115			22	93			93		1,000	1,000	0
Zanesville.....	7	7	40			30	81			81		1,301	1,301	0
Oklahoma:	1	1	40			280	337			337		280	280	0
Paulsboro.....	1	1	40			115	25			25		755	755	0
Bradford.....	4	4	25			22	93			93		325	325	0
Castile.....	3	3	25			30	130			130		1,000	1,000	0
Channahon.....	1	1	38			72	6			6		250	250	0
Dequaine.....	4	4	77			129	372			372		1,569	1,569	0
Easton.....	1	1	38			62	89			89		182	182	0
Lebanon.....	1	1	15			90	112			112		640	640	0
Monessen.....	5	5	202			89	51			51		174	174	0
Mount Carmel.....	2	2	40			212	257			257		3,863	3,863	0
Nantooke.....	8	8	241			40	50			50		1,365	1,365	0
Plymouth.....	4	4	334			124	210			210		1,365	1,365	0
Suamico.....	11	11	454			453	302			302		1,157	1,157	0
Rhode Island:	23	23	88			76	12			12		1,018	1,018	0
Central Falls.....	4	4	105			100	40			40		885	885	0
Providence.....	3	3	112			268	120			120		885	885	0
Providence (P. O.).....	6	6	256			152	94			94		500	500	0
Providence (P. O.) (Manville).....	8	8	80			54	36			36		200	200	0
South Carolina:	10	10	256			152	94			94		500	500	0
Columbia.....	10	10	256			152	94			94		500	500	0
Spartanburg.....	4	4	80			54	36			36		200	200	0

\* Teachers volunteered service without salary.

\* Included in preceding column.

\* Estimated.



TABLE 83.—Statistics of evening schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Number of teachers.						Number of pupils.						Expense of instruction.					
	Elementary including elementary grades in junior high schools.		Secondary (high) schools.		Vocational and special schools.		Total.		Elementary including elementary grades in junior high schools.		Secondary (high) schools.		Vocational and special schools.		Total.			
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
South Dakota:																		
Aberdeen.....						7	0										1,842	
Vermont:																		
Washington:		9																
Virginia:																		
Newport News.....	7						272						1,500				1,000	
Stamilton.....	4						31						344				844	
Washington:																		
Ballingham.....	3	15					57	356		40						3,304	1,922	
Everett.....	2						61	117									304	
Walla Walla.....																	474	
West Virginia:																		
Bluefield.....	4						3	44									180	
Charleston.....	7						2	92									510	
Fairview.....																	2,875	
Wisconsin:																		
Appleton.....			18						629								2,363	
Beaumont.....			26						528								1,821	
Beaumont.....			16						231								1,024	
Zion City.....			50						804								3,485	
Green Bay.....			29						591								2,186	
Greenfield.....			36						574								2,127	
Kenosha.....			32						323								4,909	
Madison.....			27						106								1,943	
Manitowoc.....			15						408								914	
Marquette.....			16						1,146								2,382	
Sheboygan.....			12						1,538								1,684	
Wausau.....																	1,684	
Wyoming:																		
Cheyenne.....									170								1,363	

\* For supplies only.

† Estimated.

TABLE 90.—Receipts of city school systems, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

Cities.	From the States for vocational education.	From the State.	From the county.	From other civil divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.
1	2	3	4	5	6	7	8	9	10	11
Alabama:										
Birmingham.....			\$453,647		\$145,759				\$72,512	\$672,918
California:										
Los Angeles.....		\$922,764	1,418,919	\$38,083		\$3,226,182			\$5,000	5,671,890
Oakland.....		377,741	635,609	139,853	96,865	767,212			15,715	1,887,132
San Francisco.....		786,371				2,148,320			180,764	3,115,457
Colorado:										
Denver.....		177,868	646,911			1,235,000		\$737	41,907	2,074,088
Connecticut:										
Bridgport.....					835,562				1,136	836,698
New Haven.....		12,176			1,295,785				42,343	1,322,304
District of Columbia:					7,000				440	7,440
Washington.....		2,049,667			2,049,667	84,184			100,694	4,199,308
Georgia:										
Atlanta.....		923			792,314					921,312
Illinois:										
Chicago.....		1,468,988				17,587,512	\$1,440,000	42,159	1,456,313	22,022,954
Indiana:										
Indianapolis.....		324,340	8,886			1,763,569			145,670	2,233,858
Kentucky:										
Louisville.....		2,463	284,067			838,837		3,937	34,333	1,163,637
Louisiana:										
New Orleans.....		4,280	285,202	1,142,673	1,896	1,283,002			22,325	2,741,378
Maryland:										
Baltimore.....		81,610				2,384,166			4,206	2,472,042
Massachusetts:										
Boston.....		123,900			8,346,071	153,024		18,612	29,798	8,674,014
Cambridge.....		5,614			770,284				14,055	790,763
Fall River.....						395,300			11,454	606,754
Lowell.....										566,904
Worcester.....		230			566,904					567,134
Mexican:										
San Antonio.....					1,141,481				12,065	1,153,546
Michigan:										
Detroit.....		1,085,356			3,745,278		1,933,189	8,192	294,420	7,066,405
Grand Rapids.....		283,783			1,022,140		139,283	6,022	30,756	1,481,883

\* Included in column 6.

† Not including Westville district.

TABLE 90.—Receipts of city school systems, 1917-18—Continued.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER—Continued.

Cities.	From the United States for vocational education.	From the State.			From the county.		From other civil divisions.		Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.
		3	4	5	6	7	8	9						
Minnesota:														
St. Paul.		333,301							\$2,739,944		\$771,844		\$75,225	\$3,970,514
St. Paul.		174,135	\$119,104		\$1,150,806				61,250			\$747	\$75,225	1,566,984
Missouri:														
Kansas City.		289,325							2,549,700		20,083		104,901	2,965,654
St. Louis.		408,751							4,607,091		452,650		200,323	5,676,134
Nebraska:														
Omaha.		69,347							1,204,995				171,931	1,447,074
New Jersey:														
Jersey City.		1,045,690							898,368		18,970		13,927	1,976,210
Newark.		1,072,841							2,053,311		11,975		41,240	3,779,062
Paterson.		412,255							349,244				24,196	797,867
New York:														
Albany.		55,372							305,074				433	360,879
Buffalo.		26,122							3,131,204		554,070		157,538	4,096,364
New York.		2,392,122							42,315,968		600,000		4,851	44,183,945
Rochester.		138,465							1,697,497				23,098	2,488,062
Syracuse.		67,344							905,044				23,238	996,306
Ohio:														
Cincinnati.		\$12,945							3,396,922		302,504		167,495	3,965,798
Cleveland.		441,559							6,458,956		1,765,000		106,082	9,053,681
Columbus.		2,310							1,750,922				12,143	1,427,545
Columbus.		65,774							1,750,922				81,198	902,993
Dayton.		49,875							1,041,847		521,500		72,804	1,700,363
Toledo.		90,064							1,915,787				49,236	2,396,861
Oregon:														
Portland.		463,427							8,784,496				33,361	9,307,574
Pennsylvania:														
Philadelphia.		301,797							4,752,789				335,302	5,790,693
Pittsburgh.		102,146							1,000,626				19,429	1,118,201
Scranton.		36,988											21,613	745,767
Rhode Island:														
Providence.		3,842							41,219		46,004		23,774	818,124
Tennessee:														
Memphis.		(*)	287,920						508,420				9,332	818,124
Nashville.		62,000	240,590						110,411				23,774	818,124
														9,332

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.										
State	City	1917-18	1916-17	1915-16	1914-15	1913-14	1912-13	1911-12	1910-11	1909-10
Virginia	Richmond	107,837	107,837	822,455	722,000	5,712	17,985	950,951		
Washington	Washington	548,507	548,507	8,563	1,554,987	3,853,431	87,001	3,853,431		
Wisconsin	Spokane	258,321	233,019	1,990,000	160,000	30,662	30,662	1,834,074		
Wisconsin	Milwaukee	444,104	400,733		891,100	74,504	74,504	3,709,341		
Alabama	Mobile	53,198	27,355	\$57,500	\$179,643	\$10,220	\$1,560	\$226,782		
Alabama	Montgomery	338		251,356	51,325	6,901	6,901	142,981		
Arkansas	Little Rock				428,448	7,584	7,584	436,370		
California	Berkeley	105,063	185,207		480,451	5,238	5,238	546,924		
California	Fresno	90,822	156,544		314,040	34,816	34,816	704,633		
California	Sacramento	114,143	236,479		204,529	171,392	171,392	836,054		
California	San Diego	114,800	309,135		190,815	27,776	27,776	666,240		
California	San Francisco (District No. 1)	31,601			618,398	11,788	11,788	224,304		
Connecticut	Hartford	17,519	95,270	323,927	242,239	1,767	1,767	1,628,997		
Connecticut	New Britain	2,415	32,130	359,940	604,919	4,544	4,544	670,629		
Connecticut	Waterbury	772			641,168	441,168	441,168	441,168		
Delaware	Dover	30,987	34,203	376,562	335,517	35,000	2,967	445,602		
Florida	Jacksonville	66,712	149,844	189,183	149,844	69,614	1,984	440,443		
Florida	Tampa	71,373		228,641	228,641	1,760	28,178	274,072		
Georgia	Augusta	66,763		\$15,938	189,183	11,339	11,339	246,980		
Georgia	Savannah	71,373			228,641	11,418	11,418	311,663		
Illinois	Decatur	22,970			315,712	135,670	14,894	408,741		
Illinois	East St. Louis	46,600			215,156	106	2,416	589,948		
Illinois	Joliet	37,275			575,489	662	425	407,613		
Illinois	Peoria	21,835			272,133	3,000	15	376,377		
Illinois	Rockford	26,157			498,308	64,537	21,608	376,377		
Illinois	Springfield	69,438			539,863	636,600	3,645	1,182,706		
Indiana	Evansville	106,975	18,135	429	391,788	31,000	15,378	562,705		
Indiana	Fort Wayne	96,713	6,810	5,243	482,659	199,170	6,674	648,684		
Indiana	South Bend	97,215		6,351	500,277	199,170	12,644	815,667		
Indiana	Terre Haute	87,688			386,919		48,311	532,913		

\* Statistics of 1915-16. † Included in column 4. ‡ No report as to source of revenue. Presumably a large part was derived from local taxation. § Includes rent.

TABLE 90.—Receipts of city school systems, 1917-18—Continued.  
GROUP II.—CITIES OF 20,000 TO 100,000 POPULATION—Continued.

Cities.	5	3	4	5	6	7	8	9	10	11
	From the United States for vocational education.	From the State.	From the county.	From other civil divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.
<b>Iowa</b>										
Cedar Rapids.		\$10,142				\$467,952	\$28,477		53,281	\$520,832
Des Moines.	337	25,465			1,207,970	415,577		\$2,793	29,208	1,739,103
Des Moines.					\$1,200	1,207,970		51,010	19,380	1,398,103
Dubuque.		26,812				200,114			200,114	466,944
St. Louis City.						613,953			6,849	647,694
<b>Kansas</b>										
Kansas City.		12,990				791,113			9,572	770,685
Topeka.		18,874				403,180		400	12,720	429,208
Wichita.						621,253			18,440	639,693
<b>Kentucky</b>										
Covington.		82,213				138,554	414,965		6,302	641,034
Lexington.		49,837				136,407	191,500		7,772	345,116
Newport.		32,816			67,497				3,145	103,458
<b>Maine</b>										
Portland.		167,169				26,081				193,250
<b>Massachusetts</b>										
Brockton.						488,937			1,308	490,245
Chelsea.						239,550			486	240,036
Everett.						299,701				299,701
Fitchburg.						251,423				251,423
Haverhill.						231,717		11,500	3,408	246,625
Holyoke.		13,086	\$1,441		398,107	424,731			397	844,731
Lawrence.		99			4,508	491,711			50,364	549,002
Lynn.					31,592	309,467			1,759	349,818
Malden.					693,375					693,375
New Bedford.			3,560		601,476		3,400	381	6,997	614,513
Newton.					266,000	270,495				536,495
Quincy.		180			265,501	2,575			3,765	274,220
Salisbury.					265,501					265,501
<b>Missouri</b>										
St. Louis.	1,048	9,215			1,000,627	532,752	349,592		1,150	1,488,444
St. Louis.						315,176	108,000		7,052	428,228

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Michigan:	96,500	1,632	290,750	21,538	357,260
Bay City.....	65,905	1,344	209,087	345,947	298,080
Calumet.....	80,475	1,344	303,038	178,150	809,807
Flint.....	65,640	2,005	394,415	5,000	559,901
Jackson.....	70,466				428,479
Kalamazoo.....	62,798				481,100
Lansing.....	64,967				234,767
Saginaw.....	49,944				148,312
East side.....	55,975	3,473	845,993	14,963	1,170,829
West side.....	20,295		166,120	7,268	202,681
Dorich.....	40,718		231,535	31,833	316,822
Dunbar.....	18,278	7,630	261,535	12,224	299,060
St. Joseph.....					
Springfield.....					
Montana.....					
Bulle.....	321,315		665,484	8,629	995,428
Nebraska:	13,982		491,719	1,120	505,891
Lincoln.....	5,281		293,000	2,223	300,604
New Hampshire:	185,092		352,423	16,431	593,016
Manchester.....	225,543		1,511,000	4,425	982,303
New Jersey:	218,893		431,543	4,913	606,309
Atlantic City.....	56,923		154,955	6,991	494,467
Bergen.....	272,722		301,998	3,770	431,447
Essex Orange.....	199,475		246,019	75,330	1,671,850
Hoboken.....	109,134		191,100	1,825	347,422
Passaic.....	330,991		377,000	11,820	285,209
Perth Amboy.....	185,667		81,885	14,869	774,667
Trenton.....	16,070		149,991	3,342	244,453
West Hoboken.....	19,537		37,000	11,248	243,130
New York:	37,009		539,703	5,444	539,056
Amsterdam.....	23,949		238,635	12,050	277,877
Albany.....	21,899		294,360	11,901	290,444
Binghamton.....	32,081		292,957	6,849	336,257
Elmira.....	23,735		274,107	2,363	302,205
Geneesvoort.....	56,218		716,534	4,133	945,202
Mont Vernon.....	31,002		346,287	3,599	381,891
Niagara Falls.....	43,145		74,167	2,408	96,196
Rochester.....	63,694		676,677	7,022	801,458
Troy.....	54,242		1,016,827	7,022	1,260,493
Utica.....					
Watkinsburg district.....					
Yonkers.....					
North Carolina:					
Charlotte.....					
Lantern district.....					
Lumburg district.....					
Yonkers.....					
Charlotte.....					

\* Statistics of 1916-17.

\* Statistics of 1916-17.

\* Statistics of 1915-16.

\* Included in column 3.



TABLE 90.—Receipts of city school systems, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	From the United States for vocational education.	From the State.	From the county.	From other civil divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.
	2	3	4	5	6	7	8	9	10	11
Ohio:										
Akron.....		\$28,679				\$998,313	\$767,810		\$171,724	\$1,966,526
Cincinnati.....		1,550				512,314	\$52,521		46,115	1,012,700
Columbus.....		16,051		\$1,532		211,110			6,995	231,538
Dayton.....		26,620				321,651			45,060	383,538
Youngstown.....		22,644				583,890	201,412		27,443	846,389
Oklahoma:	600	50,525	\$32,982			638,723			15,732	738,543
Pennsylvania:										
Allentown.....		44,647	2,867			509,857	98,000		49,122	704,523
Altoona.....		44,929				307,268	130,254	\$950	79,983	583,309
Bethlehem.....		25,126				187,228	283,733	873	31,746	498,708
Chester.....		33,960		8,729		290,263	340,464		31,054	613,810
Erie.....	1,654	51,523				565,958	706,683	165,000	27,292	1,524,885
Harrisburg.....	5,000	46,323				324,138	671,000		47,967	1,296,738
Johnstown.....	6,843	24,846				445,344	400,000	10,310	54,892	932,651
Lancaster.....		39,465				217,919	35,200		9,661	292,791
Lehighport.....	701	34,991				378,231			20,852	361,190
New Castle.....		22,117				296,631			12,864	337,750
Reading.....		27,534			\$1,000	408,515	55,000		258,636	794,226
Wilkes-Barre.....	1,685	71,390				342,074			7,120	598,535
Williamsport.....		23,547				201,169			9,460	234,176
York.....		38,443				197,694		3,000	9,853	249,030
Rhode Island:										
Providence.....		13,520			418,790	9,133			3,224	444,657
Woonsocket.....		10,868			171,164	8,264		441	4,979	186,176
South Carolina:										
Charleston.....		400	500	1,000	1,000	131,641				180,000
Tennessee:										
Chattanooga.....		(*)	176,585		181,070	177,144			1,811	474,011
Knoxville.....					118,451					
Texas:										
Dallas.....	334	107,557			528,045		60,000	804	66,385	850,801
El Paso.....		130,672	4,019		255,609				10,732	371,566

Fort Worth	118,113	563	322,477	400,000	369	27,272	988,794
Galveston	68,731	1,721	61,022			10,419	175,985
Houston	205,445	3,178	418,283	66,518	78	477	622,499
San Antonio	210,675		491,583	6,016	63	3,413	730,236
Utah:							
Salt Lake City	367,808	200,000	1,037,241		11,029	6,650	1,423,328
Virginia:							
Norfolk	49,993		290,675			1,652	357,465
Portsmouth	24,211		95,410			477	196,714
Roadsboro	26,964		144,421			3,413	180,777
Washington:							
Tacoma	199,399		465,629	53,935		13,151	878,198
West Virginia:							
Grantington	49,000		279,645			4,674	338,414
Wheeling	51,386		290,324			34,860	382,524
Wisconsin:							
La Crosse	34,942	27,765	162,657			10,418	235,782
Oshkosh	30,061	28,662	130,249			6,831	185,903
Racine	51,834	37,010	300,564		1,691	12,619	423,945
Superior	52,000	42,653	338,020				452,673

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Alabama:							
Anniston	(1)	\$32,000	\$900			\$5,416	\$38,216
Bessemer	\$10,000	70,847	13,048			84,727	84,622
Gadsdon		10,500	4,187			1,491	36,442
Selma			18,457				85,881
Arizona:							
Phoenix	49,718	105,357	39,570	100,000			244,917
Tucson		69,377	13,655				132,853
Arkansas:							
Fort Smith	18,264		134,029	28,630	\$4,283	3,141	186,367
Hot Springs	8,000		70,000				78,000
North Little Rock	17,461		43,000				6,461
Five Bluff	13,650		118,080	200,000			1,740
California:							
Alhambra	58,900	100,846	88,782	62,250		719	260,192
Bakersfield	39,219	49,562				13,487	209,356
Fresno	31,400	60,645				136,099	136,099
Fremont	108,378	140,987	166,768	(1)		5,848	419,481
Long Beach	81,412	78,841					498,909
Pomona	31,765	66,042	338,486			953	198,821
Redlands	5,407	140,199	9,661				145,600
Riverside	(1)	119,850	77,950	50,975		5,983	254,768
San Jose	115,800	177,546				3,148	331,587
Santa Cruz	25,001	45,166	35,748			822	106,747

\* Statistics of 1915-16. \* Included in column 4. \* Statistics of 1910-17. \* Reported as total nonrevenue-receipts. \* Estimated. \* Included in column 5.





TABLE 90—Receipts of city school systems, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities	1	2	3	4	5	6	7	8	9	10	11
	From the State.	From the United States for vocational education.	From the county.	From other civil divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.	
California—Continued.											
Stockton	17,900		17,900			208,253			20,153	322,198	
Vallejo	12,524		21,468			104,631			4,174	322,903	
Colorado											
Colorado Springs II	10,542				\$100,483	45,714			909	111,125	
District No. 1	8,448				42,328	100,635			1,349	97,397	
Thimble	11,578				228,189					118,662	
Connecticut											
Ansonia	6,863					30,285			72,344	30,285	
Bristol	8,060				90,702	21,126			6,140	102,333	
Greenwich	12,753				128,000	19,790			114,505	154,505	
Middlesex	14,229				159,798	528	\$22,000	\$445	603	164,329	
New London	14,190					121,156			4,211	138,744	
Norwalk	7,046				89,049	24,111			1,480	126,686	
Norwich	20,809				297,839	133,549			7,992	316,785	
South Manchester	11,984				44,093	31,206	89,974		124,880	249,180	
Stamford	7,253					54,316			13,247	74,789	
Torrington	6,830				81,536						
Wallingford	12,928					55,004			3,201	72,533	
Windham	15,109					34,537			576	50,503	
Georgia	18,914	\$267				74,964			29	95,437	
Athens	11,577	1,830			25,000				2,993	39,670	
Brunswick	11,918				26,800				5,482	46,200	
Columbus											
Decatur	36,674		101,546			281,056	943		43,189	465,368	
Waycross											
Idaho											
Boise	14,572					131,911			32,767	181,250	
Illinois											
Akron	15,823					154,114		300	6,037	177,284	
Alton	3,500					35,000			50,000	148,500	
Illinois—East side											
West side											

City	8,688	7,015	8,088	57,758	1,057	543	98,046
Bellville	118	7,015	8,088	229,424	1,057	3,622	233,109
Bloomington	8,083	4,185	8,083	91,040	11	705	99,789
Caro	7,045	4,225	7,045	74,422		684	82,161
Canton				136,281	70	9,814	146,165
Champaign				75,000			75,000
Chicago Heights				157,739		113,489	271,228
Clare				212,080		11,733	223,733
Elmhurst				251,023		4,491	257,429
Evanston							
District No. 75				212,840	220	3,000	223,061
District No. 76				79,093		0,112	84,080
Freeport				176,802		0,751	177,553
Galesburg				177,632		7,552	185,184
Jacksonville	525			84,392		7,842	92,234
Kankakee				88,077		1,497	89,574
La Salle		2,781	283	88,077		1,497	89,574
Liaison				63,218		2,706	65,924
Lincoln				77,009		38,850	115,859
Mattson				200,143	12,996	8,350	211,489
Moline				225,517		1,981	227,498
Oak Park		6,734		218,202	297	12,902	231,401
Rock Island				78,733		100,135	178,868
Streator				94,908	7,378	13,624	115,910
Waukegan		196					
Indianapolis				5,128		13,940	19,068
Anderson		116,433		253,164		2,639	302,426
East Chicago		9,056		46,433		5,804	52,237
Elkhart		37,207		45,405		4,917	50,322
Elwood		142,820		103,373	843	3,815	107,188
Geary		16,550		66,381		4,070	70,451
Hammond				35,357		9,912	45,269
Huntington				179,310		9,384	188,694
Jeffersonville				121,051		9,384	130,435
Kokomo				98,376		2,138	100,514
La Fayette				118,306		36,720	155,026
Laporte				185,317		9,773	195,090
Logansport				41,070		4,473	45,543
Marion				31,016		2,616	33,632
Michigan City		25,795		158,901	41,037	6,168	204,799
Mishawaka		42,753		21,471	34,181	2,507	54,681
Muncie				21,471		90,093	111,564
Nappanee				160,212		0,813	161,025
Perrin				94,065		17,009	111,074
Richmond							
Vincennes							
Lowell				77,854		3,709	81,563
Burlington				218,663		5,362	224,025
Canton				177,921		10,408	188,329
Council Bluffs				249,050		8,223	257,273
Iowa City				112,024		159,072	271,096

\* Not including district No. 1.

\* included in column 4.

\* Statistics of 1917-18.



TABLE 90.—Receipts of city school systems, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	2	3	4	5	6	7	8	9	10	11
	From the United States for vocational education.	From the State.	From the county.	From other civil divisions.	Appropriations from city treasury.	General property taxes.	Leases and bond sales.	Sales of property.	All other receipts.	Total receipts.
<b>Iowa—Continued.</b>										
Keokuk.....		\$750				\$113,941		\$154	\$2,169	\$117,014
Marshalltown.....		750				143,697			15,571	145,268
Mason City.....		10,507				226,534	\$215,250	387	8,603	464,281
Muscataine.....		7,636	\$91,276						7,568	114,476
Ottumwa.....		8,069				193,299	18,000		6,203	201,511
Waterloo.....						137,895			2,422	139,296
Eastside.....		10,564				94,930			5,960	100,920
Westside.....										
<b>Kansas.</b>										
Atchison.....		3,704				88,246			1,391	78,343
Cadottville.....		4,681				106,877			20,962	135,520
Fort Scott.....						87,519	91,000		2,338	180,857
Emporia.....		5,813				171,629			6,245	189,687
Independence.....		1,910				112,360			1,453	115,723
Lawrence.....		3,725				123,592			3,393	130,690
Leavenworth.....		5,467				130,096	25,000		358	160,921
Parsons.....		4,129				110,630			2,322	117,081
Pittsburg.....		6,457				103,363		83	1,122	111,025
<b>Kentucky.</b>										
Frankfort.....		11,561				28,692			11,277	51,526
Henderson.....		18,696				42,422			4,290	65,416
Owensboro.....		22,699				43,517			7,352	74,568
Paducah.....		33,079				53,960	1,700	117	6,136	90,807
<b>Louisiana.</b>										
Alexandria.....	\$450	9,000	12,300			33,350				57,100
Monroe.....		4,000	7,000			1,020				46,956
Shreveport.....		29,067	69,018	\$2,000	\$32,906	4,820	87,388			230,203
<b>Maine.</b>										
Bath.....	679	38,168							1,455	79,827
Biddeford.....		38,512							377	56,189
Leicester.....		73,809		1,157						111,940
Windsor.....		23,000			40,000					65,000
<b>Maryland.</b>										
Cumberland.....			88,695							89,695

Frederick	6-3	4,830	56,130	77,987	2,015	56,130	82,487	
Massachusetts:								
A dams	217	3,074	64,156	143,945	10,000	177	64,156	
Amherst	137	800	192,653	120,200			156,720	
Amherst	895		342,362		333		120,700	
Amherst			75,604				200,065	
Amherst			117,970				360,032	
Amherst			117,970				177,102	
Amherst			154,900				77,877	
Amherst			141,273				120,964	
Amherst			101,382				140,550	
Amherst			880				320,743	
Amherst			117,288				122,245	
Amherst			75,118				120,825	
Amherst			217,059				115,301	
Amherst							165,384	
Amherst			87,970				230,344	
Amherst			128,670				131,970	
Amherst			87,175				92,211	
Amherst			70,000				71,455	
Amherst			60,723				66,315	
Amherst			130,890				132,066	
Amherst			113,771				114,832	
Amherst			178,461				110,561	
Amherst			123,916				124,237	
Amherst			219,969				340,228	
Amherst			45,247				45,999	
Amherst			3,037				100,671	
Amherst			176,960				177,644	
Amherst			111,632				139,019	
Amherst			74,770				74,770	
Amherst			16,841				127,471	
Amherst			96,040				96,040	
Amherst			91,790				96,047	
Amherst							100,709	
Amherst			64,107				88,561	
Amherst			31,078				78,148	
Amherst			148,595				197,141	
Amherst			283,376				346,519	
Amherst			47,881				90,678	
Amherst			55,000				78,875	
Amherst			146,073				212,536	
Amherst			78,981				109,546	
Amherst			54,132				102,701	
Amherst			72,182				101,233	
Amherst			174,384				103,963	
Amherst			127,487				371,798	
Amherst			107,287				229,674	
Amherst			96,862				279,624	
Amherst			41,800					

\* Statistics of 1915-16.

TABLE 90.—Receipts of city school systems, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities	1	2	3	4	5	6	7	8	9	10	11
	From the United States for vocational education.	From the State.	From the county.	From other civil divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.	
Michigan—Continued.											
South St. Marie.....		528,119				\$124,837			\$4,605	\$157,503	
Traverse City.....		21,248				65,783		\$42	1,990	89,000	
Minnesota											
Mankato.....		17,300				76,602			1,496	95,688	
St. Cloud.....		4,811	38,340			69,880	\$100,000	1,859	600	185,490	
Stillwater.....		13,708				44,044	490		877	59,119	
Virginia.....		26,684	30,537			286,265	300,000	749	12,946	559,181	
Winona.....		26,224	6,588			92,848			15,363	141,033	
Mississippi											
Hattiesburg.....		11,353				23,675			819	35,847	
Jackson.....		17,553	3,941		\$2,500	57,060			712	79,766	
Meridian.....		20,845	172		46,271	6,278			4,065	79,631	
Vicksburg.....		14,360				33,663			1,046	49,069	
Missouri											
Eisenhower.....		20,023				86,262			2,994	109,269	
Anderson City.....		4,588	1,033	\$80	1,248	11,555	43,941		19,612	82,367	
Gobery.....		7,109	(1,608)			41,990		7,000	19,797	78,862	
Secalia.....		3,749	608	5,526		75,575		10	2,886	114,042	
Webb City.....		6,754	2,687	32		53,032		832	2,756	66,083	
Montana											
Anaconda.....		29,127	83,565						485	113,177	
Billings.....		14,964	39,536			89,530			1,139	145,209	
Great Falls.....		31,031	92,529		142,566	94,786	125,000	171	1,187	487,252	
Helena.....		17,331		1,326		199,916			338	487,231	
Missoula.....		19,755				123,346			1,575	181,676	
Nebraska											
Grand Island.....		6,978				108,077			4,474	119,529	
New Hampshire											
Berlin.....	\$2,131	960			6,349	55,000			1,100	65,540	
Concord.....		2,270			134,356				9,964	146,460	
Dover.....	450	939			737	48,309			28,000	109,038	
Keene.....		2,106		34,691		42,340	32,000			81,036	
Laconia.....					34,000					35,000	
Nashua.....		2,460			94,000	10,403			7,973	144,836	
Portsmouth.....		1,521				76,430			4,172	83,123	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New Jersey	20,642	31,566	52,300	10,343	117,851
Asbury Park	68,573	91,100	23,358	1,817	492,848
Bloomfield	32,415	50,828	17,016	16,058	100,181
Garfield	62,573	5	53,488	38,328	154,726
Hackensack	94,945	28,197	81,011	1,464	237,823
Irvington	82,977	42,583	85,081	5,627	244,415
Kearny (P. O., Arlington)	61,297	67,426	76,828	5,673	143,798
Long Branch	32,558	(*)	244,707	1,259	101,570
Montclair	127,868	(*)	127,776	15,385	393,428
New Brunswick	64,734	27,223	58,791	6,820	108,408
Newburg	32,285	(*)	152,730	12,915	270,538
Plainfield	71,668	12,472	72,039	1,657	127,088
West New York	41,726	(*)	101,566	1,057	265,343
West Newburgh	80,720	(*)	192,48	1,564	300,589
New Mexico	66,106	101,931	34,212	1,751	179,394
New York	(*)	9,491	70,967	43,228	123,686
Albany	8,475	8,475	32,434	735	39,644
Beacon	8,491	8,491	60,943	5,243	74,677
Cohoes	4,971	4,971	42,176	378	89,675
Cornwall	7,275	7,275	31,008	3,409	45,590
District No. 9	8,617	8,617	52,006	41,948	61,565
District No. 13	13,565	13,565	137,223	41,948	180,104
Corland	10,122	10,122	60,000	321	117,261
Dunkirk	9,523	9,523	69,275	33,454	112,261
Elton	7,361	7,361	85,356	48,600	141,539
Glens Falls	12,229	12,229	132,755	14,331	279,218
Haverhill	10,478	10,478	82,051	4,459	98,438
High Falls	9,398	9,398	56,580	4,806	75,211
Hudson	18,841	18,841	134,453	17,030	164,864
Johnston	16,286	16,286	70,053	11,726	80,428
Kingston	8,209	8,209	151,443	969	188,968
Leakawanna	5,818	5,818	93,698	74,767	100,776
Little Falls	12,420	12,420	107,623	225	147,929
Lockport	9,811	9,811	148,722	7,478	116,053
Middletown	15,251	15,251	107,823	3,504	209,289
Newburgh	24,454	24,454	332,882	6,216	493,097
New Rochelle	8,228	8,228	107,788	1,028	174,464
North Tonawanda	8,960	8,960	66,974	2,453	78,289
Olean	13,099	13,099	132,662	2,522	148,203
Oranburg	7,348	7,348	80,239	97,948	185,533
Oswego	11,473	11,473	85,000	2,453	98,997
Peekskill	5,648	5,648	52,513	5,190	63,351
District No. 7	5,448	5,448	40,114	724	46,284
District No. 8	2,404	2,404	85,000	61	98,997

\* Included in column 3.

\* Included in column 4.

\* Statistics of 1915-16.

TABLE 96.—Receipts of city school systems, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 20,000 POPULATION—Continued.

Cities.	2	3	4	5	6	7	8	9	10	11
	From the United States for vocational education.	From the State.	From the county.	From other civil divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.
<b>New York—Continued.</b>										
Plattsburgh.....		87,508				892,468			\$15,249	896,240
Port Chester.....		12,100				124,308	\$28,889		4,137	214,690
Rough Pointe.....		17,429				124,308	50,000	\$255	15,967	218,313
Roseton.....		7,422				55,085			13,850	85,800
Rome.....		10,481				141,000	28,586		5,019	185,000
Saratoga Springs.....		9,853				70,460		158	1,580	188,031
Watertown.....		17,190				162,730		4,984	3,163	188,017
Watervliet.....		8,865				60,675			1,568	71,108
White Plains.....		15,653			\$83,226	194,966			8,222	312,867
<b>North Carolina.</b>										
Asheville.....			\$32,947		1,753	59,009	21,000	656	39,184	153,649
Durham.....		6,191	37,794			64,031		532	2,382	109,000
Greensboro.....		11,500	11,500			48,333	43,900		1,736	105,469
Wilmington.....			28,517			81,459	38,500	2,639	4,146	130,151
Wilmington.....		600	* 42,000			* 31,629				74,229
Wilmington.....			44,000		60,535		54,684		2,102	161,291
<b>North Dakota.</b>										
Fargo.....	\$150	54,774				77,312	30,000		4,725	268,961
Grand Forks.....		23,512	19,224			85,724			2,072	138,532
<b>Ohio.</b>										
Albion.....		5,590				175,915	81,897		25,305	288,677
Bedford.....		7,108				76,197	35,200		7,642	126,877
Cambridge.....		7,827	86,293						3,000	101,762
Chillicothe.....			100,690			100,000		443	3,000	110,000
East Liverpool.....		11,362			648	137,023	161,427		2,058	281,970
Elvira.....		11,767				50,040	25,800		13,459	212,767
Findlay.....		7,086				140,605	25,800	3,825	3,966	181,288
Findlay.....		7,960				71,020	11,000	2,000		92,010
Findlay.....		18,742				369,357	710,000		44,363	1,139,462
Lancaster.....		6,185	90,669					3,300	3,000	103,444
Lancaster.....	360	7,596				164,227	31,364		11,561	216,021
Lancaster.....		10,254				14,308	26,234	200	4,961	185,467
Marion.....		11,533			\$283	117,394	46,989		2,240	197,118
Marion.....		8,008				148,715			8,915	166,438

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	1917-18	1916-17	1915-16	1914-15	1913-14	1912-13	1911-12	1910-11	1909-10	1908-09	1907-08	1906-07	1905-06	1904-05	1903-04	1902-03	1901-02	1900-01
Middletown	117,854	27,000	2,620	4,148	170,201													
Newark	150,182	64,000		2,697	236,676													
Newport	215,462	124,922		5,178	106,947													
Portsmouth	94,473			5,083	132,997													
Portland	133,636			4,488	121,901													
Sandusky	118,581			2,845	411,001													
Tiffin	62,246			7,923	221,932													
Warren	154,117	241,700																
Zanesville	153,853	46,365																
Oklahoma																		
Chickasha	11,123																	
Clarks	6,810																	
Clarks	15,987																	
McAlester	53,319																	
Stratford	205,368																	
Sturgis	67,753																	
Tulsa	472,500	343,236	2,061															
Oregon																		
Clatsop	78,988																	
Pennsylvania																		
Beaver Falls	83,947	28,500																
Berwick	30,212	4,400																
Bradford	120,864	10,000	6,100															
Butler	79,659	15,000	117															
Carlisle	143,971	355,125																
Cerulea	91,644	16,064																
Chambersburg	59,028	12,000	257															
Columbia	37,246	10,000	180															
Cannonsville	77,180	10,000																
Dubuque	51,000																	
Duquesne	157,258	158,804																
Gaston	94,325	12,000	86															
Greensburg	130,837																	
Lebanon	117,964	50,000																
McKees Rocks	8,965																	
Mahoning	10,840																	
Meadville	9,256																	
Moscow	12,131																	
Mount Carmel	25,819																	
Nanticoke	18,969																	
Nerristown	17,497																	
Phoenixville	12,618																	
Pittston	15,725																	
Pyrrisworth	12,513																	
Richtown	15,392																	
Richwood	12,541																	
Shamokin	19,446																	
Shenandoah	11,414																	
Smyrna																		

\* Estimated.

\* Statistics of 1915-16.



TABLE 90.—Receipts of city school systems, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	1	2	3	4	5	6	7	8	9	10	11
	From the United States for vocational education.	From the State.	From the county.	From other civil divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.	
<b>Pennsylvania—Continued.</b>											
Uniontown.....		\$10,928				462,598	\$34,000	\$1,804	\$15,235	\$120,801	
Warren.....		15,366				127,408			17,410	150,678	
Washington.....	\$485	14,608	832			130,404			13,039	158,888	
West Chester.....		11,067				74,231	90,600		54,803	230,701	
Wilkesburg.....		13,806					26,000	000	10,037	49,442	
<b>Rhode Island.</b>											
Central Falls.....		7,987				5,376			190	78,733	
Cranston (P. O., Providence).....		6,967				3,112	15,000		4,430	27,235	
Cumberland (P. O., Manville).....		5,067				2,239				49,316	
<b>South Carolina.</b>											
Newport.....		7,903				454				181,721	
Warwick.....		5,556				2,991			1,020	100,067	
<b>South Dakota.</b>											
Columbia.....		1,714				69,125			728	71,565	
Spearfish.....						74,660			2,156	76,816	
<b>Tennessee.</b>											
Aberdeen.....		18,374				122,872		1,324	5,689	149,089	
St. Louis Falls.....		30,725				211,749			4,325	246,999	
Jackson.....		10,249	15,082						3,710	62,115	
<b>Texas.</b>											
Austin.....	280	61,280	3,112			92,593	65,375		4,788	227,378	
Beaumont.....		46,816	1,492			79,666	300,000	1,700	1,990	431,664	
Brownsville.....		31,430	3,800			7,500			61	45,781	
Chaburne.....	187	28,636	102			43,418	263,500		2,773	338,615	
Danison.....		31,024	443			37,700			2,838	92,106	
Marshall.....	100	32,566	725			17,230			2,405	53,053	
Palestine.....		16,448	1,406		19,180	26,999			4,001	68,034	
Paris.....		33,570	1,155			44,511				79,280	
San Angelo.....		17,025	1,275			37,922			2,349	56,431	
Sherman.....		25,240				48,500			2,150	76,166	
Temple.....		21,046	842			36,903			6,123	65,913	
Tyler.....		28,920	621			180,644	90,000		5,123	157,387	
Waco.....		61,363	409						6,315	234,733	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	1917-18	1916-17	1915-16	1914-15	1913-14	1912-13	1911-12	1910-11	1909-10	1908-09	1907-08	1906-07	1905-06	1904-05	1903-04	1902-03	1901-02	1900-01	Total
Utah:																			
Oregon:																			
Vermont:																			
Virginia:																			
Washington:																			
West Virginia:																			
Wisconsin:																			
Wyoming:																			
Cheyenne	29,011	18,300	44,658	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300
Appleton	28,231	16,909	118,322	16,909	16,909	16,909	16,909	16,909	16,909	16,909	16,909	16,909	16,909	16,909	16,909	16,909	16,909	16,909	16,909
Ashland	16,202	12,374	126,707	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374	12,374
Babitt	20,634	13,142	126,707	13,142	13,142	13,142	13,142	13,142	13,142	13,142	13,142	13,142	13,142	13,142	13,142	13,142	13,142	13,142	13,142
Ben Chaire	31,504	19,379	106,204	19,379	19,379	19,379	19,379	19,379	19,379	19,379	19,379	19,379	19,379	19,379	19,379	19,379	19,379	19,379	19,379
Forest St. Jac.	21,833	16,087	99,541	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087	16,087
Green Bay	48,179	26,405	15,000	26,405	26,405	26,405	26,405	26,405	26,405	26,405	26,405	26,405	26,405	26,405	26,405	26,405	26,405	26,405	26,405
Kenosha	12,903	11,207	56,000	11,207	11,207	11,207	11,207	11,207	11,207	11,207	11,207	11,207	11,207	11,207	11,207	11,207	11,207	11,207	11,207
Kewaunee	28,885	20,100	177,066	20,100	20,100	20,100	20,100	20,100	20,100	20,100	20,100	20,100	20,100	20,100	20,100	20,100	20,100	20,100	20,100
Madison	38,885	26,290	284,240	26,290	26,290	26,290	26,290	26,290	26,290	26,290	26,290	26,290	26,290	26,290	26,290	26,290	26,290	26,290	26,290
Marquette	19,793	16,270	74,570	16,270	16,270	16,270	16,270	16,270	16,270	16,270	16,270	16,270	16,270	16,270	16,270	16,270	16,270	16,270	16,270
Marion	20,548	15,290	50,000	15,290	15,290	15,290	15,290	15,290	15,290	15,290	15,290	15,290	15,290	15,290	15,290	15,290	15,290	15,290	15,290
Shelby	34,397	26,801	189,160	26,801	26,801	26,801	26,801	26,801	26,801	26,801	26,801	26,801	26,801	26,801	26,801	26,801	26,801	26,801	26,801
Wausau	22,220	18,402	85,000	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402
Wausau	22,220	18,402	85,000	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402	18,402
Wyoming:																			
Cheyenne	29,011	18,300	44,658	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300

\* Statistics of 1915-16.



TABLE 91.—Expenses, outlays, and other payments, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

Cities.	General control.			Expenses of instruction.								Expenses of operation.					Total current expenses.	Fired charges, pensions, etc.	Outlay—capital acquisition, construction.	Excess of deficit service.
	Busi-ness.	Educa-tional.		Day schools.				Station-ery, sup-plies, and other ex-pense of in-struction.	Night schools, total.	Wages of janitors and other em-ployees.	Fuel.	Water, light, power, jani-tors, sup-plies, etc.	Main-tenance, re-pairs, re-placement, equip-ment, etc.	Ex-penses of aux-iliary agen-cies.						
				Salaries and ex-penses of super-visors.	Salaries and ex-penses of teachers.	Text-books.														
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
Alabama:																				
Birmingham.....	\$5,810	\$6,450	\$11,961	\$44,394	\$43,351	\$10,796	\$4,041	\$1,671	\$41,793	\$17,034	\$16,092	\$41,704		\$8,721	\$639,849	\$33,070	\$154,713			
California:																				
Los Angeles.....	134,343	64,496	90,157	375,560	3,399,154		161,729	125,175	263,055	58,168	87,681	122,260	\$103,688	17,032	5,072,485	501,387	397,378			
Oakland.....	27,023	28,200	26,177	104,624	1,174,890	5,461	49,799	78,899	76,190	24,955	41,360	37,509	46,376	16,418	1,742,131	204,284	6,478			
San Francisco.....	53,418	29,261	17,804	171,563	1,754,445	1,902	35,687	82,343	136,838	28,706	40,731	124,687	39,078	24,363	2,540,929	64,063	564,953			
Colorado:																				
Denver.....	66,713	23,257	16,624	121,540	1,225,177	25,389	45,346	12,628	89,549	59,528	40,447	78,937	12,967	35,033	1,855,155	237,727				
Connecticut:																				
Bridgport.....	15,706	9,300	26,200	53,925	505,697	4,061	30,942	6,664	48,077	51,857	13,097	47,463	3,444		815,637					
New Haven.....	21,002	7,308	39,525	71,790	641,697	38,751	30,450	13,290	73,339	53,270	18,826	56,540	4,147	7,335	1,077,490	31,758	20,320			
Washington:																				
District of Columbia.....	17,609	27,297	35,202	112,596	1,923,458	36,063	149,897	42,617	488,430	105,370	31,509	166,032	54,026	14,494	2,904,615	279,256	594,037			
Georgia:																				
Atlanta.....	26,025	26,025		11,400	652,350	172	12,802		29,212	22,039	5,833	29,392		16,100	892,305	101,018				
Illinois:																				
Chicago.....	445,633	252,774	47,915,104	472,10,874,909	23,067	317,237	223,998		1,416,982	879,362	244,881	789,872	191,131	180,312	16,910,460	3,983,916	71,870			
Indiana:																				
Indianapolis.....	59,549	31,993	67,499	96,901	1,118,402		57,255	20,442	120,626	83,231	33,874	101,386	29,278	84,283	2,084,909	356,243	100,780			
Kentucky:																				
Louisville.....	36,069	13,900	29,011	87,026	652,867	3,970	40,145	5,378	84,054	47,435	16,397	53,540	2,824	5,864	1,061,332	43,670				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

95,221	20,084	116,121	1,029,439	1,272	50,528	4,011	67,835	23,949	20,870	32,531	7,473	1,971,436	11,491
18,842	46,185	1,776	1,620,760	55,479	30,451	17,346	165,054	106,432	18,015	36,845	11,585	2,297,092	1,058,928
196,454	113,968	318,062	3,975,490	68,371	208,465	96,000	347,747	239,640	73,901	311,398	171,714	6,317,028	1,770,416
10,875	20,366	67,722	806,055	27,734	8,563	4,561	56,067	29,800	4,361	21,925	2,206	773,416	1,750
7,323	11,948	56,014	440,999	23,201	9,904	6,904	69,395	30,379	6,323	41,751	7,499	732,786	1,750
13,079	22,800	10,000	802,013	4,049	38,113	13,518	69,268	38,214	8,650	11,980	41,207	573,205	34,378
53,874	81,689	46,578	336,716	3,963	98,099	123,080	448,805	166,747	37,637	84,480	10,197	2,056,632	466,787
16,544	21,587	23,172	72,700	3,026	35,091	20,675	62,939	62,491	21,924	40,758	11,478	1,050,457	315,475
26,550	61,205	18,309	158,061	1,630,005	33,318	8,572	303,905	163,806	29,045	158,832	39,776	56,940	2,982,677
27,665	17,971	24,885	96,968	843,893	3,257	1,656	84,663	81,433	14,607	102,707	30,943	1,356,061	489,645
71,067	36,001	25,029	128,207	1,356,922	27,571	25,282	142,747	145,392	28,620	96,322	44,867	2,334,681	266,261
97,225	81,742	72,181	319,513	2,637,439	44,963	103,714	332,178	162,062	90,359	103,023	9,688	4,732,738	992,946
42,653	18,015	19,535	116,162	891,951	23,396	17,778	104,113	82,239	24,565	46,078	22,170	1,524,991	544,799
14,866	42,028	16,686	118,991	1,352,819	25,522	23,190	140,026	87,130	27,629	59,952	36,364	13,991	2,014,123
34,632	62,062	41,196	230,018	2,137,343	55,226	116,996	183,108	89,678	50,537	121,769	106,061	2,222	824,992
10,777	6,756	13,350	69,302	521,354	11,707	14,756	56,892	22,368	8,393	12,865	3,482	3,392,101	544,854
6,004	8,738	12,267	47,219	333,152	12,898	16,972	33,668	44,315	11,399	17,101	16,715	576,990	5,425
80,658	51,675	31,688	174,764	1,874,491	39,964	84,260	231,900	133,161	85,016	164,863	73,077	773,700	3,226,231
390,258	1,261,903	688,402	2,681,699	637,372	842,739	862,857	1,646,374	896,358	90,533	1,212,002	769,619	58,565	42,568,854
27,857	31,519	38,398	110,410	1,061,691	28,778	36,541	99,172	76,945	33,799	34,078	58,244	16,500	1,079,747
6,830	13,368	26,926	70,630	1,502,571	14,473	30,028	54,100	36,738	4,078	39,452	24,422	16,643	296,842
42,467	36,776	202,425	1,083,515	28,741	134,539	55,855	189,413	127,676	40,665	149,476	23,620	39,677	2,735,145
388,729	170,452	241,552	3,396,436	106,147	164,469	71,738	370,031	227,627	26,991	350,200	124,625	104,187	5,678,473
19,074	15,778	12,900	973,269	14,890	18,207	16,207	120,437	26,242	34,817	16,034	16,034	1,525,257	38,339
16,744	10,819	13,045	53,720	480,676	20,580	11,576	50,062	40,263	12,689	32,416	4,634	842,920	179,676
26,156	13,727	15,715	72,783	743,926	20,964	4,000	63,749	33,887	13,071	52,326	16,163	1,123,666	802,867
96,318	28,772	19,395	126,524	1,383,940	569	43,823	121,535	90,930	47,884	69,526	6,148	2,061,335	360,815
195,559	167,401	57,151	694,362	5,699,592	154,032	306,568	565,788	240,147	16,290	226,455	300,262	8,814,344	1,244,587
144,179	76,063	84,669	301,638	2,410,592	33,733	96,173	379,240	170,270	110,187	425,233	53,033	72,262	4,547,638
29,842	12,107	12,368	65,925	499,411	23,107	30,456	61,201	37,682	10,631	71,146	11,228	901,330	651,441
29,375	20,076	33,461	32,312	981,489	18,468	41,722	117,638	86,261	23,825	109,792	29,264	1,493,948	46,004
9,717	9,845	11,907	630,367	21,237	21,237	477	89,837	(1)	26,443	116,337	6,939	770,429	160,894
7,827	8,007	9,580	294,777	6,395	6,395	477	28,517	15,515	6,118	30,245	6,417	457,471	184,319
8,596	12,170	18,220	58,757	581,961	12,885	14,292	48,876	29,167	13,375	26,367	14,811	874,449	66,502

Included in column 12.

Statistics of 1915-16.

Included in column 5.

Not including Westville district.



TABLE 91.—Expenses, outlays, and other payments, 1917-18—Continued.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER—Continued.

Cities	General control.		Expenses of instruction.						Expenses of operation.					Total current expenses.	Outlay—capital acquisition and construction.	Ex-penses of other service.	
	Board-ness.	Educa-tional.	Day schools.						Wages of janitors and other employees.	Fuel.	Water, light, power, fuel, and other supplies, etc.	Main-tenance, repair, replacement of equip-ment, etc.	Ex-penses of auxiliary agen-cies.				Fired charges, repairs, taxes, etc.
			Salaries and ex-penses of super-visors.	Salaries and ex-penses of prin-cipals.	Salaries of teachers.	Text-books.	Station-ery, paper, ink, and other ex-penses of in-struction.	Night schools, total.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Washington—Seattle.....	\$48,578	\$35,827	\$23,144	\$148,060	\$1,456,539	\$44,971	\$106,528	\$37,798	\$183,344	\$72,565	\$43,889	\$115,882	\$142,918	\$10,120	\$2,449,189	\$735,482	\$277,958
Wisconsin—Milwaukee.....	33,979	43,530	31,107	181,102	1,665,002	3,642	83,806	60,851	142,690	157,872	74,563	237,514	99,895	14,850	2,790,402	612,572	530,016

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

Alabama—Mobile.....	\$2,303	\$4,713	\$4,235	\$11,861	\$107,037	\$2,250	.....	.....	\$5,994	\$2,302	\$6,279	\$9,181	\$17,208	\$3,302	\$176,811	.....	\$49,850
Arizona—Tucson.....	1,060	5,670	2,665	12,199	72,808	1,728	.....	.....	5,485	5,901	1,250	7,665	7,790	2,120	119,220	\$18,366	.....
California—Little Rock.....	4,175	4,774	8,065	(1)	186,598	.....	.....	.....	9,857	.....	2,421	.....	.....	4,419	200,306	85,664	10,500
.....	6,459	5,093	6,105	38,593	372,508	20,357	88,775	.....	33,327	9,308	7,975	26,183	9,685	456	542,756	6,928	80,403
.....	9,215	5,960	35,771	49,311	44,880	10,457	11,637	.....	34,917	8,715	20,250	43,648	11,570	20,518	632,703	20,002	99,280
.....	.....	10,170	1,500	42,031	44,880	19,436	23,851	.....	34,214	8,433	13,005	23,153	17,551	4,775	642,185	115,708	67,833
.....	12,141	6,400	15,912	44,883	373,673	24,105	18,254	.....	44,199	3,397	15,616	26,743	8,068	14,502	618,325	.....	41,475
Colorado—Pueblo—District No. 1.....	3,665	4,543	7,663	13,838	100,343	\$2,333	8,684	683	15,584	5,906	7,611	8,694	1,490	1,420	192,555	10,742	19,840

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

District No. 20	5,257	34,315	59,020	602,864	20,068	36,726	14,843	66,715	74,744	18,882	103,782	3,311	12,646	1,034,008	58,734	113,222
Connecticut:																
Hartford.....	6,038	6,964	20,453	134,242	3,921	4,971	3,495	14,843	17,248	3,361	12,258	18,965	7,539	1,034,008	58,734	113,222
Meriden.....	6,170	12,853	21,541	183,827	2,454	23,226	6,723	17,248	18,919	6,910	26,433	4,013	359,536	5,347	85,330	
Waterbury.....	8,445	19,210	42,720	350,654	(*)	29,377	4,704	33,013	29,575	6,910	26,433	2,123	537,068	57,068	99,863	
Danbury.....	10,455			277,225	(*)	21,805		79,322	(*)	(*)	(*)		392,765	48,403	21,968	
Florida:																
Tallahassee.....	3,900	4,825	2,700	190,771			4,506	8,551	4,641	7,874	20,965	3,034	5,245	296,825	134,860	
Tampa.....	5,000	2,475	17,464	141,744			810	9,728	7,264	24,473	1,037	1,632	262,399		159,034	
Georgia:																
Augusta.....	8,432	3,900	9,146	126,464				9,069	11,884	35,630	3,875	1,400	4,124	236,622	92,002	
Macon.....	8,372	3,700	34,773	171,618				6,854	5,710	2,471	7,161	8,848	3,595	185,193	16,920	
Savannah.....	6,315	5,091	19,771	130,705			688	19,507	11,591	6,050	19,397	2,107	6,898	249,174	89,613	
Decatur.....	9,330	4,462	23,520	238,814	(*)	16,070		36,036	19,769	13,872	26,947	1,183	1,368	387,110	139,794	
East St. Louis.....	5,535	5,161	3,037	173,065	1,012	8,464	269	35,138	19,081	13,069	14,490	3,694	3,208	277,965	71,831	
Joliet.....	6,104	10,250	37,613	293,008	1,041	4,456	1,698	35,138	30,031	22,978	22,781	4,823	3,342	492,159	78,230	
Peoria.....	5,410	7,164	11,665	122,451			6,157	14,025	11,107	7,267	20,531	9,100	1,723	221,970	65,646	
Quincy.....	7,253	8,350	30,081	253,064			202	32,808	37,762	8,667	20,531	6,288	1,253	432,844	13,224	
Stockport.....	5,837	8,611	36,977	246,674	397	14,013		33,124	19,452	13,062	23,517	9,100	1,253	432,844	13,224	
Springfield.....	7,480	9,650	26,333	332,049	1,969	12,665	1,483	38,344	21,841	5,974	23,782	3,028	145	488,077	60,768	
Terre Haute.....	7,445	14,019	32,238	251,865			3,632	32,188	30,254	22,855	33,083	36,931	5,362	473,221	27,890	
Tipton.....	6,510	41,652	24,169	256,697			6,319	36,401	38,094	18,696	26,538	13,562	1,399	499,310	1,411	
Terra Haute.....	6,510	10,978	45,238	314,681			9,525	37,500	18,772	3,151	19,883	20,122	1,846	497,467	85,448	
Iowa:																
Cedar Rapids.....	6,927	8,199	28,580	242,200	5,892	10,110	3,302	21,762	20,703	19,587	10,394	528	2,353	348,728	58,966	
Des Moines.....	8,063	17,460	64,029	641,688	10,816	7,925	1,616	25,935	23,760	7,513	19,137	7,109	2,007	389,122	257,143	
Houx City.....	9,356	14,539	29,505	283,828	4,043	15,859	1,612	104,845	63,735	18,963	48,851	27,157	31,376	1,138,356	208,345	
Keosauqua.....	9,391	4,018	25,656	295,064			16,157	40,801	31,443	15,297	50,147	24,891	7,521	484,774	120,976	
Linn.....	7,083	4,476	26,225	216,677	1,645	16,964	1,127	16,679	19,873	14,641	55,232	3,144	9,731	543,276	27,522	
Marion.....	6,528	4,380	32,127	212,949	1,034	16,680	1,657	27,292	15,576	6,833	27,192	6,200	6,091	376,946	1,532	
Newport.....	6,612	2,700	16,829	130,623	113	4,045		9,300	7,894	2,919	6,316	818	4,715	200,381	172,677	
Oskaloosa.....	8,560	4,999	9,800	99,325	1,696	5,265		6,403	3,769	1,512	1,363	1,113	6,451	179,886	20,372	
Waverly.....	3,050	(*)	(*)	229,196	6,254			25,690	15,732			936		276,967		
Waukegan.....	8,528	9,957	21,240	312,098	6,918	17,298	7,078	28,294	62,611	10,821	23,483	7,007		517,483	236,465	
Waverly.....	6,230	2,750	16,635	147,602	3,470	10,531	4,842	19,866	21,164	5,031	16,408	1,900	4,977	282,690	161,938	
Waverly.....	1,810	6,012	17,799	148,200	4,698	12,775	2,637	23,922	19,190	4,908	7,253	1,844		278,658	97,907	
Waverly.....	8,111	7,834	30,831	227,000	3,446	11,792	14,210	29,799	30,377	2,010	19,318	6,641	1,850	251,424	14,500	
Waverly.....	16,031	6,479	43,256	299,327	7,013	8,063	14,097	34,327	36,373	9,166	37,262	4,320	74	394,999	79,904	
Waverly.....														16,077	24,000	
Waverly.....														85,037		

\* Statistics taken from report of State office for year 1918-17.

\* Included in column 6.

\* Included in column 8.

\* Included in column 6.



TABLE 91.—Expenses, outlays, and other payments, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	General control.		Expenses of instruction.							Expenses of operation.						Fired charges, penalties, taxes, etc.	Total current expenses.	Outlay—capital acquisition and construction.	Excess of debt service.	
	Busi-ness.	Educa-tional.	Pay schools.				Station-ery, sup-plies, and other ex-penses of in-struc-tion.	Night schools, total.	Wages of janitors and other em-ployees.	Fuel.	Water, light, power, janit-ory sup-plies, etc.	Main-tenance, re-pairs, plant equip-ment, etc.	Ex-penses of aux-iliary agri-cul-ture.	16	17					18
			Salaries and ex-penses of super-visors.	Salaries and ex-penses of prin-ci-pals.	Salaries of teachers.	Text-books.														
<b>Massachusetts—Con.</b>																				
Lynn.....	10,388	9,944	85,083	831,728	835,410	82,120	89,207	84,803	\$44,683	\$42,818	\$6,087	\$22,685	\$4,475	\$2,525	\$531,966	\$4,506	\$126,484			
Malden.....	2,300	18,870	24,867	175,585	175,585	4,853	7,805	9,803	18,338	29,031	3,877	17,813	2,656	305,225	305,225	31,692	31,692			
New Bedford.....	2,307	10,518	15,773	44,845	890,238	7,913	9,813	9,813	45,230	33,635	8,791	21,007	11,759	609,322	120,289	106,000	106,000			
Northampton.....	2,082	5,728	11,437	33,333	297,064	8,920	15,085	6,813	29,990	38,689	2,587	32,294	9,533	501,476	3,600	91,614	91,614			
Provincetown.....	3,638	7,071	7,966	19,770	180,730	5,268	6,846	1,407	18,507	7,345	2,360	13,135	8,920	283,161	283,161	77,453	77,453			
Quincy.....	2,478	7,091	4,520	25,068	172,370	10,284	11,449	3,539	15,207	18,858	3,779	7,844	7,753	277,947	43,904	90,688	90,688			
Salem.....	9,865	13,377	6,535	36,014	396,767	3,229	11,449	1,587	24,583	31,521	3,608	15,878	20,400	287,682	120,190	64,797	64,797			
Somerville.....	3,194	26,571	20,273	62,237	712,230	20,118	59,362	20,724	88,223	110,183	17,452	74,374	13,757	1,235,479	285,776	279,070	279,070			
Springfield.....	6,780	4,380	2,911	8,554	145,237	4,626	4,219	2,317	12,573	17,008	1,972	11,362	5,682	224,025	204,844	37,181	37,181			
Taunton.....	2,428	9,000	19,000	25,000	222,000	5,000	8,000	2,500	20,000	9,000	9,400	16,000	10,000	357,250	10,000	29,850	29,850			
Worcester.....	19,073	6,426	3,618	18,161	161,869	3,862	11,564	1,797	15,847	16,048	7,430	7,541	19,721	268,624	268,624	3,400	3,400			
Yarmouth.....	4,868	6,426	12,656	24,350	206,248	4,051	4,051	7,785	17,469	18,031	5,921	11,812	6,441	377,265	292,836	97,755	97,755			
Jackson.....	3,960	6,749	6,030	16,707	201,382	765	9,384	2,487	19,535	25,194	4,957	7,938	21,706	239,970	299,269	75,352	75,352			
Leansing.....	6,128	4,482	3,780	8,200	162,559	2,364	23,046	5,720	21,794	27,818	21,474	14,540	11,465	309,080	205,200	7,485	7,485			
Marquette.....	1,447	3,121	6,150	8,523	78,469	3,112	11,213	469	18,348	16,454	2,374	5,855	7,156	225,863	5,827	6,384	6,384			
Minneapolis.....	16,210	9,575	19,923	46,804	429,629	7,869	31,698	11,549	55,964	47,922	13,062	22,283	15,024	728,550	324,439	81,905	81,905			
Dubuque.....																				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Missouri:	2,044	4,415	2,475	19,991	79,419	7,457	3,971	10,241	3,758	147,053	72,053	49,036
Jefferson City	12,800	6,660	3,568	6,150	266,037	9,616	9,946	20,401	3,038	390,890	106,270	106,270
St. Joseph	2,000	6,421	5,580	3,220	119,525	3,783	8,947	14,722	1,840	80,746	80,746	80,746
Montana:	24,942	34,685	10,341	35,728	385,570	15,823	30,218	41,121	4,474	715,757	324,320	11,729
Butte	12,460	7,633	12,098	21,980	227,508	8,270	11,562	30,183	3,981	391,757	42,464	42,464
Helena	1,853	8,673	7,370	31,123	172,438	7,000	13,374	3,212	1,898	296,228	606	27,130
New Jersey:	21,452	8,946	11,207	65,738	402,455	9,996	22,328	19,348	5,248	653,840	196,739	125,856
Elizabeth	4,850	9,553	13,800	41,250	359,690	19,491	22,578	37,018	7,981	599,303	26,223	26,223
East Orange	4,323	7,527	7,075	30,833	237,664	17,417	10,927	10,970	3,301	407,308	45,160	70,816
Hoboken	10,886	12,341	19,961	39,268	235,740	11,593	15,998	8,923	3,063	463,490	67,196	87,273
Passaic	6,619	5,983	18,810	29,546	295,016	7,087	17,069	18,025	2,928	655,626	31,303	52,616
Perth Amboy	1,794	5,895	18,810	12,360	165,046	6,847	9,114	11,538	3,412	444,244	3,100	54,506
Trenton	19,587	4,574	12,000	42,880	464,999	13,498	23,580	27,528	7,483	728,814	14,868	106,821
West Hoboken	5,132	5,964	5,526	17,445	161,923	6,285	10,120	17,673	3,065	265,945	2,811	88,653
New York:	2,565	4,089	2,100	15,909	81,975	1,036	3,858	9,283	3,852	145,460	74,992	15,071
Amsterdam	1,414	7,180	1,008	17,480	124,263	1,773	5,417	10,764	3,024	209,491	27,596	14,221
Albany	1,835	8,011	8,052	24,564	228,224	1,011	4,937	8,315	6,357	365,710	25,807	100,159
Binghamton	2,004	7,000	5,337	20,000	154,766	3,199	4,013	7,815	4,584	3,525	258,412	7,371
Elmira	3,945	5,357	1,800	13,043	148,303	8,396	1,946	6,369	2,338	249,841	28,923	56,644
Jamestown	12,210	6,763	8,721	29,547	245,187	6,961	12,033	12,166	4,767	6,822	429,055	46,065
Mount Vernon	2,402	6,959	5,934	20,382	160,758	4,174	6,363	11,333	6,069	258,261	80,747	28,817
Niagara Falls	6,972	11,198	15,535	39,815	398,791	6,374	6,133	8,084	18,224	660,531	19,277	161,070
Schenectady	3,121	7,010	10,770	19,770	175,432	20,478	20,987	4,528	2,313	308,329	772	72,700
Troy	1,430	3,300	2,262	5,874	42,637	1,700	2,033	1,668	651	77,964	183	8,525
Union district	4,831	11,328	8,806	31,878	340,949	28,579	6,774	17,961	11,043	530,429	63,949	122,121
Utica	10,809	17,360	12,630	59,869	578,902	12,433	21,129	40,020	5,637	864,763	342,918	173,574
Yonkers	800	5,036	1,554	10,750	80,028	7,471	2,764	3,340	46	118,866	70,508	3,465
North Carolina:	2,286	5,756	7,050	46,556	568,754	15,564	20,072	23,046	18,278	890,781	888,745	191,801
Alamogordo	6,416	7,955	6,981	30,530	298,735	9,198	8,787	8,199	7,685	457,762	335,501	84,079
Canton	2,585	5,505	5,000	13,464	113,703	5,200	14,000	14,902	2,530	192,584	646	47,038
Hamilton	5,596	8,800	10,300	31,960	210,810	9,958	18,321	14,575	3,251	356,306	113,633	81,463
Springfield	9,631	8,266	6,881	43,099	612,925	11,510	18,321	39,659	12,370	823,096	116,288	121,403
Youngstown	7,575	7,574	9,951	27,923	297,369	9,152	2,471	6,416	5,586	442,014	5,000	85,754
Ohio:	14,979	6,586	7,533	4,056	268,998	10,291	22,987	3,425	2,480	420,264	196,550	158,043
Akron	9,553	6,770	7,200	18,986	185,771	9,769	14,901	7,022	12,717	353,396	6,129	226,962
Cincinnati	9,460	6,770	7,400	13,175	188,670	5,478	14,001	5,785	3,270	193,672	177,200	150,417
Cleveland	1,908	4,847	5,519	19,193	130,435	12,091	6,212	3,646	5,194	245,319	104,103	50,339
Columbus	32,477	3,510	12,341	31,292	299,037	11,401	25,043	12,146	9,136	540,716	534,326	107,732

\* Included in column 11.

Statistics of 1915-16.



TABLE 91—Expenses, outlays, and other payments, 1917-18.—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	General control.			Expenses of instruction.								Expenses of operation.					Total current expenses.	Fixed charges—pen-sions, rents, taxes, etc.	Outlay—capital outlay and construction.	Ex-penses of debt service.
	Busi-ness.	Educa-tional.	3	Day schools.								Wages of janitors and other employees.	Fuel.	Water, light, power, janitors' supplies, etc.	Main-tenance, repairs, replacement of equipment, etc.	Ex-tramural atten-dances.				
				Salaries and ex-penses of super-visors.	Salaries and ex-penses of teachers.	Text-books.	Station-ery, sup-plies, and other ex-penses of in-struction.		Night schools, total.											
							4	5		6	7									
1	3	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
<b>Pennsylvania—Con.</b>																				
Harrisburg.....	\$12,777	8,822	8,988	9,670	11,460	106,276	\$12,312	\$27,599	\$334	\$30,700	\$22,305	\$14,201	\$20,318	\$8,747	\$8,638	\$483,397	\$108,953	\$141,715		
Easton.....	5,835	4,238	6,560	6,560	11,460	106,276	4,325	10,132	.....	10,734	8,902	3,856	8,145	7,500	1,159	186,201	24,845	17,485		
Johnstown.....	15,766	6,568	14,458	28,363	232,079	232,079	9,419	27,287	2,306	30,081	12,388	8,902	10,843	5,978	8,421	411,732	126,675	84,822		
Lancaster.....	6,944	4,422	6,100	11,237	11,237	11,237	4,113	6,711	.....	23,828	9,471	2,172	9,886	4,688	2,922	197,641	96,732	66,899		
New Castle.....	16,171	8,123	3,888	13,881	14,881	14,881	6,876	17,694	1,488	17,453	15,983	6,349	8,143	5,135	1,961	249,449	34,000	40,836		
New York.....	21,222	8,231	15,989	7,122	30,144	30,144	12,333	11,694	4,992	40,386	17,951	4,837	11,339	6,320	9,119	476,869	34,830	43,660		
Williamsport.....	6,573	9,911	5,430	38,070	11,042	20,274	2,407	37,897	17,180	8,485	28,510	8,485	28,510	9,544	23,178	476,869	36,150	58,004		
York.....	8,266	3,146	3,746	16,970	113,177	113,177	3,604	10,108	6,678	12,900	13,674	5,067	6,082	2,244	2,161	202,975	40,388	38,373		
<b>Rhode Island.</b>																				
Pawtucket.....	7,886	7,111	6,570	26,236	207,199	5,945	10,580	7,262	31,213	23,833	5,949	37,576	37,576	1,000	1,956	381,813	114,228	13,123		
Woonsocket.....	2,163	5,936	2,150	515	108,097	2,297	5,396	3,277	11,640	11,233	3,259	2,925	2,925	1,528	1,600	162,919	47,561	24,002		
<b>South Carolina.</b>																				
Charleston.....	1,577	3,506	3,185	16,309	93,135	172	2,612	1,492	2,860	2,718	1,793	7,829	7,829	8,577	5,564	151,359	9,780	.....		
<b>Tennessee.</b>																				
Chattanooga.....	1,666	4,686	22,105	22,250	112,843	3,098	3,098	.....	8,439	.....	1,273	784	784	2,152	1,273	179,998	.....	.....		
Knoxville.....	2,168	7,038	3,510	32,963	173,248	( <sup>o</sup> )	3,322	.....	19,010	10,783	4,287	14,874	14,874	1,920	6,862	262,015	134,985	.....		
<b>Texas.</b>																				
Dallas.....	10,005	12,980	9,808	60,122	511,400	14,022	7,678	5,191	34,751	17,025	6,638	27,371	27,371	43,795	8,321	370,950	44,730	1,107		
El Paso.....	6,463	9,847	6,260	22,749	280,014	1,117	6,680	4,877	15,491	11,911	8,291	9,671	9,671	1,728	1,728	369,969	60,251	60,251		
Fort Worth.....	16,382	9,199	4,880	31,083	284,577	.....	1,188	.....	18,286	11,801	4,223	3,972	3,972	719	719	464,301	290,044	86,461		



Galveston.....	109,362	8,871	450	2,310	7,472	2,023	6,405	13,025	170,460	11,613
Houston.....	350,650	35,000	12,437	12,437	47,060	13,258	8,108	14,900	547,896	51,739
San Antonio.....	483,763	43,300	9,403	3,814	42,172	6,650	8,472	17,154	674,663	133,942
Utah:										
Salt Lake City.....	666,363	43,179	34,028	1,775	65,539	22,847	21,003	110,201	1,105,037	88,701
Virginia:										
Norfolk.....	266,865	6,635	12,734		25,125	6,367	7,021	12,150	350,634	1,157
Portsmouth.....	84,579	121	1,122	1,517	4,843	3,730	3,766	1,073	120,887	65,823
Roanoke.....	121,000	276	95	3,460	8,864	6,293	1,862	2,176	105,490	12,977
Washington:										
West Virginia.....	431,791	13,494	19,770	8,334	43,963	19,967	16,260	38,414	701,617	84,843
Huntington.....	119,164	1,901	5,531	1,220	19,176	11,266	3,045	3,300	266,195	119,381
Wheeling.....	182,411		3,268	1,850	14,628	19,651			262,015	43,350
Wisconsin:										
La Crosse.....	106,078	2,075	10,044	4,715	14,117	14,809	5,413	7,114	207,953	4,919
Oshkosh.....	106,833	2,040	4,719	2,406	14,182	20,474	8,118	1,438	197,284	1,541
Racine.....	186,817	1,471	7,445	4,900	17,912	28,316	3,313	17,485	337,770	5,074
Superior.....	199,608	2,000	31,651		15,000	20,000	1,659	12,478	269,224	57,578

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Alabama:										
Anniston.....	\$356	\$2,218	\$61	\$150	\$1,099	\$2,544	(*)	\$1,746	\$38,572	\$850
Bessemer.....	373	37,342	478	1,500	2,590	2,761	(*)	5,541	59,632	27,066
Sardis.....	1,100	22,552	998	1,500	1,302	1,000	\$114	2,773	34,844	84,500
Sylacauga.....		26,173			1,900	1,681	181	1,890	44,843	116
Arizona:										
Phoenix.....	1,501	96,818	3,862	\$450	7,412	5,377	(*)	2,958	137,538	43,461
Tucson.....	300	61,680	1,500		3,400	6,000	700	700	86,790	200
Yuma.....										
Fort Smith.....	5,411	89,265	3,336		6,973	1,592	2,916	2,780	142,320	28,684
Hot Springs.....	800	71,126	40		3,000	2,000	1,400	1,800	85,390	2,500
North Little Rock.....	720	17,500			4,000	2,500	2,450	100	40,625	
Pine Bluff.....	1,410	51,730	6,400		4,845	3,000	3,250	3,160	89,264	204,000
California:										
Alameda.....	274	155,339	8,492	6,474	12,234	2,454	1,086	15,265	248,615	398,428
Bakersfield.....	655	90,369	8,221		10,931	1,100	3,270	8,193	138,485	81,210
Eureka.....	4,574	67,764	4,992	2,310	8,176	1,382	2,244	4,780	123,493	62,250
Fremont.....	4,627	267,961	21,915	3,026	20,607	8,038	6,511	11,941	401,305	50,235
Long Beach.....	10,781	286,549	20,105	7,299	22,010	2,069	8,000	16,084	493,260	24,582
Pomona.....	3,582	118,721	10,090	1,705	11,430	1,999	4,415	6,776	180,802	14,445
Richmond.....	3,000	90,359	6,226	2,832	8,536	4,231	3,411	1,988	125,873	38,739
San Jose.....	1,045	124,788	831	4,668	16,237	3,424	3,688	3,502	211,485	21,485
San Francisco.....	8,235	213,073	13,199	9,901	25,641	5,605	7,356	4,398	327,778	9,242
Santa Cruz.....	741	70,046	92	1,768	7,496	2,337	3,881	2,143	102,945	46,010
Stockton.....	2,013	217,337	2,136	19,674	21,593	5,496	9,061	24,206	365,833	28,866
Vallejo.....	4,300	36,241	2,000	3,378	5,325	5,496	1,660	3,559	86,864	1,812

\* Statistics of 1915-16.  
 † Included in column 11.  
 ‡ Includes water, light, and power.  
 § Statistics of 1916-17.  
 ¶ Estimated.



TABLE 91.—Expenses, outlays, and other payments, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	General control.		Expenses of instruction.								Expenses of operation.						Total current expenses.	Outlay—capital acquisition and construction.	Expenses of debt service.
	Busi-ness.	Educa-tional.	Day schools.				Station-ery, sup-plies and other ex-penses of in-struction.	Night schools, total.	Wages of janitors and other employes.	Fuel.	Water, light, power, jani-tions, pipes, etc.	Main-te-nance, re-pairs, elec-tricity, etc.	Ex-penses of aux-iliary agen-cies.	Fixed charges, per-sonal, taxes, etc.					
			Salaries and ex-penses of super-visors.	Salaries and ex-penses of prin-cipals.	Salaries of teachers.	Text-books.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
<b>Colorado:</b>																			
Colorado Springs	\$11,127	\$4,294	\$5,059	\$21,244	\$107,816	\$3,678	\$7,817		\$12,769	\$9,712	\$4,906	\$5,796	\$4,280	\$3,116	\$262,611	\$884	\$21,829		
District No. 1	475	2,010	1,957	4,459	16,545	414	1,000		2,900	1,854	1,606	1,465	98	701	36,415	1,801	2,228		
Trinidad	4,390	3,133	6,825	10,401	62,638		828		5,458	3,336	3,148	1,906	543	940	103,709	1,193	16,943		
<b>Connecticut:</b>																			
Ansonia	265	3,423	2,900	7,450	85,980	408	3,000	260	5,810	5,504	1,983	2,000		500	111,735		3,000		
Bristol	3,046	2,167	3,600	7,450	48,083	149	821		6,183	11,254	593	6,876		2,119	90,373		11,644		
Danbury	2,194	2,500	2,500	4,800	66,648	318	3,169		7,501	9,174	(*)	10,182		2,599	113,137		526		
Greenwich	3,054	3,208	5,960	1,800	110,407	6,427	7,697	354	11,306	9,352	2,103	17,335	2,500	1,345	196,180	14,225	29,305		
Manchester		1,750	2,240	1,630	18,054	2,543	2,284		2,284	2,284			950		30,285				
Middletown	3,132	3,359	3,015	1,800	39,106	482	2,561	188	4,356	8,037	(*)	3,203		2,051	80,277		12,919		
Newington	1,524	4,172	3,715	2,200	51,298	212	3,470	1,118	9,350	11,522	1,697	2,063		2,892	105,166		5,545		
Norwalk	2,033	4,172	2,233	17,639	67,272	709	3,772	2,058	6,155	7,094	3,918	5,313		2,509	147,825		18,258		
Norwich	499	4,980	4,887	8,638	99,278	1,130	2,285	569	9,607	9,449	2,445	10,383	3,989	1,018	133,018	18,875	2,579		
South Manchester	1,159	4,621	2,400	8,400	64,405	6,978	1,102		6,651	8,611	7,115	7,645	3,281	4,411	114,948		6,688		
Stamford	7,367	3,977	18,913	21,771	193,482	4,212	17,393	4,034	17,637	10,255	4,463	13,530	9,144	3,217	335,425	67,012			
Torrington	254	5,150	1,583	10,373	95,983	2,424	9,317	711	10,214	10,314	(*)	4,703	3,904	904	151,030	91,471	20,374		
Wallingford	4,029	2,745	3,562	4,900	53,134	2,424	4,646	1,600	5,908	6,305	2,242	1,968	3,721	904	95,127				
Windsor	1,226	3,200	900	1,800	29,934		2,285	786	3,227	5,216	(*)	1,872	2,663	89	52,114	1,345			
<b>Georgia:</b>																			
Athens	1,109	2,481	11,909	40,590	40,590		2,055	3,369	2,540	2,339	(*)	3,894		585	68,797				
Brunswick	125	1,190	3,310	24,567	24,567			563	7,133	(*)	(*)	192		125	39,190				



TABLE 91.—Expenses, outlays, and other payments, 1917-18.—Continued.  
GROUP III.—CITIES OF 10,000 TO 50,000 POPULATION.—Continued.

City.	General control.			Expenses of instruction.								Expenses of operation.				Total current expenses.	Outlay—capital acquisition and construction.	Ex-penses of debt service.
	Bor-ders.	Educa-tional.	Bor-ders.	Day schools.				Station-ery, sup-plies, Text-books.	Night schools, total.	Wages of janitors and other employes.	Fuel.	Water, light, jan-uary, etc.	Main-tenance, re-pair, plant equip-ment, etc.	Ex-penses of aux-iliary agen-cies.	Fixed charges, pen-sions, taxes, etc.			
				Salaries and ex-penses of super-visor.	Salaries and ex-penses of prin-cipals.	Salaries of teachers.	Station-ery, sup-plies, Text-books.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
<b>Indiana—Continued.</b>																		
Perru.....	825	2,022	2,400	2,358	7,426	31,130	81,239	881	85,861	7,708	81,184	5,672	230	891	878,624	91,471	90,040	
Richmond.....	1,250	5,636	4,312	5,964	13,999	102,828	4,607	1,945	13,524	12,163	5,668	6,996	3,147	1,539	176,155	530	27,783	
Vincennes.....	300	2,400	2,400	1,463	8,213	52,071	1,165	2,919	6,951	7,963	2,548	539	3,147	2,240	92,876	.....	.....	
Boone.....	1,582	4,625	4,625	9,037	17,570	53,570	875	340	7,190	4,250	2,106	2,298	150	2,225	78,354	22,160	6,940	
Burlington.....	1,347	3,820	3,820	8,923	9,925	108,146	1,711	763	12,120	11,022	9,967	8,278	2,356	1,378	186,496	22,160	9,222	
Clinton.....	3,059	5,291	5,291	4,960	17,465	2,223	5,555	763	10,126	9,749	3,983	6,474	4,392	1,319	238,743	38,137	7,092	
Council Bluffs.....	1,306	2,101	2,101	2,100	2,100	136,223	3,534	1,297	15,285	16,844	2,661	19,375	4,392	1,167	289,632	183,697	20,153	
Iowa City.....	706	3,411	3,411	4,723	8,577	30,830	4,992	.....	7,819	6,395	4,135	6,052	141	3,635	86,891	2,000	27,362	
Keokuk.....	2,515	3,477	3,477	7,806	5,800	81,898	1,941	1,194	10,708	8,619	2,189	11,662	1,263	1,649	144,813	4,274	6,000	
Marshalltown.....	2,515	2,500	2,500	7,806	5,800	81,898	1,941	1,194	10,098	11,559	4,605	6,749	801	2,395	155,678	384,814	25,105	
Mason City.....	2,515	2,500	2,500	7,806	5,800	81,898	1,941	1,194	10,098	11,559	4,605	6,749	801	2,395	155,678	384,814	25,105	
Ottumwa.....	2,124	5,693	5,693	7,450	15,829	4,467	5,516	1,115	13,767	7,522	3,036	6,120	1,202	8,736	178,228	5,062	9,805	
Wadesboro.....	4,063	3,726	3,726	7,450	15,829	96,356	3,454	.....	13,767	10,134	3,036	6,120	1,202	8,736	178,228	5,062	9,805	
West side.....	8,818	2,700	2,700	10,018	9,259	77,996	838	281	8,949	5,439	3,899	11,545	1,021	2,779	129,795	130,172	16,794	
East side.....	8,818	2,700	2,700	10,018	9,259	77,996	838	281	8,949	5,439	3,899	11,545	1,021	2,779	129,795	130,172	16,794	
<b>Kansas.</b>																		
Atchison.....	600	2,165	2,165	6,050	6,050	42,873	61	1,319	6,209	3,268	2,504	2,799	186	289	66,318	1,350	5,811	
Coffeyville.....	1,152	2,769	2,769	8,361	64,199	64,199	1,651	663	6,767	3,618	3,550	8,404	1,335	963	94,278	322	7,532	
Fort Scott.....	2,794	2,665	2,665	1,725	8,361	1,117	3,292	.....	5,963	3,604	1,243	3,422	.....	908	63,759	87,634	5,402	
Hutchinson.....	2,301	3,929	3,929	2,697	9,968	85,813	340	4,238	8,864	7,765	2,564	4,185	1,470	2,857	139,381	170,644	17,313	



TABLE 91.—Expenses, outlays, and other payments, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	General control.		Expenses of instruction.								Expenses of operation.				Fixed charges: pensions, rents, taxes, etc.	Total current expenses.	Outlay—capital expenditures and construction.	Ex-penses of debt service.	
	Busi-ness.	Educa-tional.	Day schools.				Night schools, other total.				Wages of janitors and other employees.	Fuel.	Water, heat, power, janitors, etc.	Main-tenance: repairs, replacement of equip-ment, etc.					Ex-penses of auxiliary organizations, etc.
			Salaries and ex-penses of super-visors.	Salaries and ex-penses of teachers.	Salaries of teachers.	Text-books.	Station-ery, stipend, and other ex-penses of in-struction.	Night schools, other total.	Fuel.	Wages of janitors and other employees.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
<b>Massachusetts—Con.</b>																			
Worcester	844	2,697	\$1,907	\$2,220	\$25,724	\$656	\$1,412	\$925	\$5,497	\$7,301	\$653	\$3,450	\$2,467	\$1,338	\$59,491	\$300			
Weymouth	1,751	3,000	3,420	2,040	87,629	1,981	6,815	851	6,770	8,599	1,670	5,056	2,826		126,978	400			
Weymouth	150	3,126	1,325	4,850	62,400	2,140	3,946	283	5,847	10,067	877	6,024	4,317		81,254	54,460	\$16,926		
Woburn	685	3,793	2,500	2,400	56,623	2,297	3,644	491	5,812	7,532	2,375	1,533	1,081	0.15	90,908	1,108	7,684		
<b>Michigan:</b>																			
Adrian	475	2,775	2,420	1,900	50,493	595	3,771		6,000	6,078	3,718	6,240	2,302	1,830	81,981	950	7,612		
Alpena	2,898	4,472	4,900	8,875	34,541	39	1,333		6,799	10,114	1,016	1,000	2,372	2,018	57,847	23,021	23,021		
Ann Arbor	1,617	10,421	3,578	9,842	87,059	126,918	4,245	2,790	18,117	28,972	6,285	10,367	15,101	4,149	105,637	26,963	19,631		
Eastland	400	2,900	2,460	1,300	57,275	1,185	3,690	152	6,339	4,227	1,394	2,507	2,174		270,462	6,015	12		
Eastland	175	2,728	6,600	3,600	87,425	1,545	4,033	1,240	5,900	6,390	3,225	13,480	959	1,206	85,602	94,500	14,000		
Holland	2,047	4,483	2,200	2,200	63,340	2,159	3,643	184	8,996	12,399	1,342	1,454	1,353	563	108,379	3,457	3,250		
Ironwood	946	3,799	4,483	2,200	56,688	2,181	1,708		6,480	2,060	1,401	2,150	566	1,119	77,068	3,457	11,200		
Ironwood	461	3,195	3,250	1,900	48,816	1,680	4,342		6,723	6,371	1,647	14,820	1,714		87,787	77,819	11,200		
Manistee	1,450	2,180	2,353	1,660	46,395	1,660	4,342		6,952	2,403	2,352	8,559	0,300	0,456	79,177	27,619	60,481		
Manistee	6,353	5,798	7,005	17,255	151,754	1,804	25,207	2,857	17,207	19,960	7,090	14,250	0,300	5,069	290,072	5,303	50,751		
Marquette	1,059	4,400	1,500	9,200	99,950	804	2,344	768	14,545	22,686	1,586	34,774	7,252	5,069	152,306	129,660	36,176		
Port Huron	1,600	3,000	5,360	8,672	90,424	3,019	6,251	654	14,628	7,676	7,014	6,389	149	38	146,300	146,300	8,311		
Sault Ste. Marie	1,366	5,202	11,535	8,672	57,163	3,019	6,251	654	9,507	11,658	7,014	17,214	687	743	146,300	2,816	2,000		
Traverse City					46,717	3,200	3,124	654	4,898	6,500	1,872	3,280	867		77,013				





TABLE 91.—Expenses, outlays, and other payments, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities	General control.			Expenses of instruction.								Expenses of operation.				Fixed charges, pensions, rents, taxes, etc.	Total current expenses.	Outlay—capital expenditures and construction.	Excess of income over debt service.
	Buildings.	Educational.	Salaries and expenses of superintendents.	Day schools.				Night schools, total.	Wages of janitors and other employees.	Fuel.	Water, light, heat, janitors' salaries, etc.	Maintenance—pairs, replacement of equipment, etc.	Expenses of auxiliary agencies, etc.						
				Salaries and expenses of principals.	Salaries of teachers.	Text-books.	Stationery, supplies, and other expenses of instruction.												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
New Jersey— Cape May West New York West Orange	\$6,963 2,066	\$4,787 5,883	\$3,175 10,883	\$11,050 4,325	\$22,665 70,082	\$3,813 4,140	\$6,209 5,043	.....	\$13,457 10,756	\$5,062 5,652	\$5,000 3,831	\$7,183 7,634	\$8,139 4,056	\$1,071 1,282	\$96,683 135,743	\$80,373 30,435	\$37,960 22,959		
New Mexico— Albuquerque	1,046	4,065	8,560	15,352	51,197	3,692	3,692	\$375	7,528	2,925	2,235	4,103	3,359	2,075	106,714	11,767	20,710		
New York— Batavia Beacon Coboes Corning	1,415 4,474 971	3,499 4,474 2,258	3,154 4,496 3,325	2,342 2,363 8,555	45,752 31,268 32,164	1,323 964 53	2,298 1,272 850	1,130 .....	8,092 3,493 4,523	7,655 4,094 4,482	1,600 1,110 2,734	4,079 1,824 1,800	3,692 1,471 1,411	1,395 1,795 576	84,207 53,242 65,102	2,132 4,332 9,576	39,856 8,574		
District No. 9— Cortland District No. 13 Cortland Pulaski Rush	591 266	2,777 2,834	2,898 2,600	..... 3,800	26,901 24,896	20 949	450 1,200	.....	2,554 1,863	2,877 1,536	523 763	701 1,474	1,420 1,760	734 469	43,356 37,142	79	25,514 5,346		
Illinois— Geneseo Clinton Falls Chillicothe Herrick Hudson Itasca Jelmstown Kingston	643 489 1,464 1,615 785 210	6,411 3,702 4,512 4,731 4,576 6,114	2,921 2,023 1,015 1,321 6,122 4,405 11,967	2,563 3,156 2,776 6,507 2,792 11,967	74,467 52,517 50,437 35,074 92,166 81,732	1,061 7 139 1,648 1,574 2,146	3,211 1,408 3,468 2,374 2,599 5,675	1,256 .....	9,278 3,407 5,708 3,991 7,477 9,119	7,177 3,968 9,679 3,991 5,351 9,012	2,034 1,169 1,524 3,536 4,810 5,830	5,231 1,367 3,283 1,024 2,749 28,673	5,238 9,003 3,535 1,998 3,307 2,303	4,183 2,213 1,233 3,958 1,053 2,859 2,468	125,753 67,270 85,634 80,697 125,697 16,127 11,728	6,302 872 2,731 62,710 3,104 5,450 8,449	60,664 6,012 27,014 13,403 14,906 10,184 32,323		



TABLE 91.—Expenses, outlays, and other payments, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 50,000 POPULATION—Continued.

City.	General control.		Expenses of instruction.								Expenses of operation.					Total current expenses.	Outlay—capital acquisition and construction.	Ex-penses of debt service.	
	Busi-ness.	Educa-tional.	Day schools.				Station-ery, sup-plies, and other.				Wages of janitors and other employes.	Fuel.	Water, light, power, and other sup-plies, etc.	Main-te-nance—re-pairs, re-plac-ement of equip-ment, etc.	Ex-penses of aux-iliary agen-cies.				Fixed charges, pen-sions, rents, taxes, etc.
			Salaries and ex-penses of super-visors.	Salaries and ex-penses of prin-cipals.	Salaries of teachers.	Text-books.	Station-ery, sup-plies, and other.	Night schools, total.	10	11									
Ohio—Continued.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Norwood.....	\$2,728	\$4,221	\$2,875	\$2,715	\$9,275	\$59,619	\$2,841	\$5,594		\$12,524	\$9,726	\$2,294	\$6,175	\$842	\$3,963	\$152,797	\$110,884	\$59,443	
Piqua.....	2,650	3,160	1,850	2,650	47,315	47,315	2,725	555	\$200	7,138	8,622	3,383	3,108	4,215	8,819	123,590	18,605	8,294	
Portsmouth.....	2,311	3,696	3,696		84,293	84,293	1,486	2,332		9,500	3,667		2,081	1,172	802	109,503	64,662	28,071	
Sandusky.....	1,079	2,455		5,275	72,127	72,127	3,498	8,359		8,040	6,813		11,118		2,014	64,479		11,100	
Tiffin.....	2,776	4,320		13,300	114,698	114,698	476	16,900	4,520	12,760	3,500	9,380	14,845	1,002	2,014	197,977	58,540	96,628	
Warren.....	1,900	3,700			92,972	92,972	1,800	1,065		15,378	8,000	(*)	5,550	36,166	1,468	167,939		61,751	
Ohio—Continued.																			
Chillicothe.....	520	2,400		5,685	46,835	46,835				4,527	4,425	906	3,293	283	646	69,502	90,827		
Guthrie.....	981	1,500		3,982	24,817	24,817		339		2,652	2,994	348	1,578	287		37,530			
McAlester.....	945	3,220		8,200	16,817	16,817		256		4,818	2,997	2,300	1,232	373		66,288		10,000	
Muskogee.....	4,452	6,757		5,045	16,059	16,059		730		1,814	1,867	2,446	5,370	3,788	6,084	179,943	2,478	71,165	
Shawnee.....	4,445	3,128		9,158	52,692	52,692		130		1,712	2,983	5,181	2,259	352	1,037	85,439	90,000	199,340	
Tulsa.....	9,527	8,117		11,665	28,681	28,681	146	9,359	2,126	22,207	15,152	7,869	2,744	3,240	11,272	392,368	692,212	63,700	
Oregon—																			
Salmon.....		4,000			108,000	108,000		4,500		6,216	4,200	1,709	3,074	1,000	1,316	134,015	10,560	71,208	
Pennsylvania—																			
Beaver Falls.....	1,298	4,239			50,715	50,715	1,114	4,110		6,280	3,928	2,156	2,908	6,205	3,875	85,826	308	44,008	
Berwick.....	1,466	2,111			19,950	19,950	633	2,266		1,800	1,824	760	713	440	128	32,703		9,919	
Bredford.....	6,896	2,867		6,031	61,357	61,357	1,448	10,820	755	8,745	6,400	2,008	8,162	440	128	116,015	294	14,523	
Bradford.....	2,323	3,641		2,115	44,826	44,826	1,785	4,869	325	5,650	6,462	1,622	2,037	6,104	1,516	91,668	1,142	18,587	
Burder.....	1,205	4,968		7,172	72,650	72,650				7,816	10,206	5,738	14,965	750	6,800	126,511	206,486	18,587	



TABLE 91.—Expenses, outlays, and other payments, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

City	General control.			Expenses of instruction.										Total current expenses.	Fixed charges.	Outlay—capital acquisition and construction.	Expenses of debt service.			
	Busi-ness.	Educa-tional.	Salaries and ex-penses of super-visors.	Day schools.																
				Salaries and ex-penses of partici-pants.	Salaries of teachers.	Text-books.	Station-ery, sup-plies, and other ex-pense of in-struction.		Night schools.	Wages of janitors and other em-ployees.	Fuel.	Water, light, power, jan-itors' sup-plies, etc.	Main-tenance re-pairs, re-place-ment of equip-ment, etc.					Ex-penses insur-ance, utility rates, etc.		
							4	5											6	7
Texas—Continued.																				
Cleburne.....	31,200	54,100	88,075	353,285	183,768	21,017	8,685	10,808	6,675	3,328	3,745	1,442	1,200	2,090	2,090	241,701	12,000	29,530	29,530	
Donnell.....	400	3,000	9,730	47,410	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981
Marshall.....	135	2,585	7,225	34,477	58,447	4,074	3,361	8,624	11,396	8,012	3,624	1,928	1,928	766	766	115,519	7,660	10,700	10,700	
Palestine.....	1,156	2,250	8,786	27,347	41,249	1,319	3,446	5,067	6,674	6,640	1,354	823	823	823	823	64,512	2,000	2,000	2,000	
Paris.....	192	3,573	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285	61,285
San Angelo.....	360	2,628	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347	42,347
Sherman.....	1,500	2,898	7,510	51,275	41,530	3,700	1,844	4,295	7,616	1,085	1,330	47	2,100	1,844	1,844	66,356	4,640	5,250	5,250	
Sherman.....	367	3,498	900	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122
Temps.....	369	3,923	900	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122	42,122
Waco.....	8,741	6,500	5,360	27,440	152,610	1,400	1,400	1,400	7,160	8,100	11,500	1,200	1,200	2,090	2,090	241,701	12,000	29,530	29,530	
Utah—																				
Orderville.....	6,208	6,526	4,384	18,600	183,768	21,017	8,685	10,808	6,675	3,328	3,745	1,442	1,200	2,090	2,090	241,701	12,000	29,530	29,530	
Vermont—																				
Barre.....	998	3,075	5,169	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981	38,981
Furlington.....	50	3,433	2,737	10,349	58,447	4,074	3,361	8,624	11,396	8,012	3,624	1,928	1,928	766	766	115,519	7,660	10,700	10,700	
Virginia—																				
Alexandria.....	750	2,037	3,200	30,454	30,454	45	973	2,114	2,114	204	723	412	412	412	412	41,914	1,914	1,914	1,914	
Deaerville.....	1,475	2,300	1,400	8,100	46,226	46,226	46,226	46,226	46,226	46,226	46,226	46,226	46,226	46,226	46,226	78,025	78,025	78,025	78,025	
Petersburg.....	100	2,100	3,915	8,045	66,316	158	3,586	7,044	3,846	3,681	2,311	1,856	1,856	1,856	1,856	102,912	104,490	19,280	19,280	
Staunton.....	100	2,100	4,930	18,483	18,483	44	344	1,571	1,339	920	52	703	703	703	703	34,117	71,305	71,305	71,305	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Washington:	3,377	2,500	58,595	1,676	2,996	7,262	2,900	2,301	2,412	3,183	515	96,785	44,791	18,327
Aberdeen.....	3,902	5,178	130,213	1,619	5,556	17,762	2,800	2,301	2,412	3,183	515	229,248	10,635	34,788
Baltimore.....	2,797	4,357	138,523	2,487	10,369	15,769	8,921	5,577	22,114	4,960	2,773	243,931	13,562	60,971
Evreitt.....	2,069	4,268	90,213	2,471	4,887	9,074	12,798	5,172	6,848	2,637	6,173	3,070	3,070	22,604
Walla Walla.....	2,226	2,538	82,108	594	2,187	9,816	3,094	2,079	2,013	531	1,041	127,867	313	21,337
West Virginia:														
Blenfield.....	298	3,020	46,286	53	1,066	4,305	2,770	2,055	1,914	349	42	71,853	22,185	468
Charleston.....	1,578	5,267	138,304	243	3,836	12,621	3,886	1,619	3,440	6,398	8,049	203,677	120,271	68,180
Marlinton.....	889	1,774	28,150	123	1,338	2,659	1,908	(*)	1,537	251	37	37,481	1,682	7,425
Parsonsburg.....	2,865	4,100	113,299	5,336	7,913	12,057	8,621	6,772	10,036	6,035	3,429	201,797	81,204	29,250
Wisconsin:														
Albion.....	260	1,678	89,469	385	8,710	10,137	10,721	6,666	13,354	962	3,597	161,933	2,204	9,688
Alton.....	1,632	2,423	47,321	328	3,153	7,253	6,281	1,481	1,481	227	9,479	89,567	132,785	28,612
Beloit.....	1,092	4,023	81,303	1,821	4,909	10,940	16,137	4,337	6,188	712	3,383	144,426	64,614	18,689
East Chippewa.....	2,831	3,671	69,323	1,614	5,115	8,406	10,843	3,231	6,385	5,117	1,703	134,125	64,644	18,689
Green Bay.....	3,015	4,607	67,066	463	2,155	7,960	6,924	3,573	4,962	1,562	1,562	115,502	4,318	32,226
Greenfield.....	300	4,200	49,920	1,168	8,535	17,630	13,072	5,067	6,147	181	4,831	182,639	79,964	32,226
Janesville.....	2,198	6,534	132,994	2,376	10,732	19,518	15,160	5,067	8,254	4,827	5,713	224,020	1,947	13,111
Kenosha.....	2,147	6,959	171,563	681	11,741	16,710	27,213	8,199	11,888	4,356	6,610	306,261	50,813	22,825
Madison.....	1,984	4,966	56,638	2,032	4,567	6,989	8,248	2,084	6,410	1,870	1,233	114,516	84,649	2,866
Manitowoc.....	434	4,995	50,818	1,510	3,263	6,608	6,333	2,334	5,862	1,570	1,233	114,516	84,649	2,866
Marquette.....	1,045	4,783	106,682	1,237	6,009	9,636	10,728	3,266	9,080	2,480	2,830	183,047	57,717	14,828
Sheboygan.....	320	4,795	75,049	996	5,627	9,334	12,543	7,677	2,111	791	2,550	131,719	14,828	354
Wausau.....	1,081	1,704	51,920	2,418	2,885	5,955	3,871	1,159	7,155	631	1,935	93,978	3,960	3,960
Wyoming:														
Cheyenne.....	1,081	1,704	51,920	2,418	2,885	5,955	3,871	1,159	7,155	631	1,935	93,978	3,960	3,960

\* Statistics of 1915-16.

\* Includes water, light, and power.

\* Estimated.

TABLE 92.—Expenses of instruction, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

City	Salaries and expenses of supervisors.						Salaries and expenses of principals.						Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.															
	Kindergarten.		Elementary (including kindergarten grades in junior high schools).		Secondary (high).		Other schools.		Total.		Kindergarten.		Elementary (including kindergarten grades in junior high schools).		Secondary (high).		Other schools.		Total.		Elementary (including kindergarten grades in junior high schools).		Secondary (high).		Vocational.		Other schools.		Total.					
	2	3	4	5	6	Total	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Alabama:																																		
Birmingham.....					\$11,901	\$38,930	\$5,496		\$44,396		\$300,397	\$102,954				\$433,351																	\$14,839	
California:																																		
Los Angeles.....					90,157	292,000	83,590		375,660		1,792,198	1,390,035				3,399,154																	161,726	
Oakland.....					28,177	78,832	25,932		104,821		42,063	707,003	325,811			1,174,880																	55,280	
San Francisco.....					17,804	151,523	15,909	140	171,563		19,170	1,407,143	322,012			1,754,445																	37,489	
Colorado:																																		
Denver.....					16,624	94,400	26,115	1,025	121,860		66,635	822,636	329,318	82,584	3,724	1,225,177																	68,735	
Connecticut:																																		
Hartford.....					26,200	90,925	7,475	6,825	33,925		16,025	359,809	86,799	14,991	29,073	505,697																	35,093	
Massachusetts:																																		
New York:																																		
Buffalo.....					39,525	64,100	4,800	2,800	71,700		38,450	402,486	165,500	32,630	4,831	641,897																	69,201	
Washington:																																		
Dist. of Columbia:					2,800	2,975			2,975		2,080	16,450				18,600																	2,770	
Washington.....					35,200	70,622	31,243	10,731	112,596		(*)	1,294,956	556,363	20,539	49,580	1,923,458																	185,990	
Georgia:																																		
Atlanta.....					(*)	6,800	4,800		11,400		477,030	69,423	105,875			652,330																	12,874	
Illinois:																																		
Chicago.....					47,915	925,246	103,908	20,318	1,049,472			37,964	2,220,033			156,892	10,874,909																	340,319
Indiana:																																		
Indianapolis.....					67,499	81,581	13,410	2,000	99,991		266	314,379	34,407		350	1,118,402																	57,285	
Kentucky:																																		
Louisville.....					470,29,011	61,777	19,741	5,511	87,029	22,898	44,271	155,945	8,890	20,875	652,867																			44,115





TABLE 92.—Expenses of instruction, 1917-18—Continued.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER—Continued.

Cities	Salaries and expenses of supervisors.						Salaries and expenses of principals.						Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.														
	Kindergarten		Elementary (including elementary grades in junior high schools).		Secondary (high).		Other schools.		Total.		Kindergarten.		Elementary (including elementary grades in junior high schools).		Secondary (high).		Other schools.		Total.		Elementary (including kindergarten and elementary grades in junior high schools).		Secondary (high).		Vocational.	Other schools.	Total.						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	17	18	19	20	21							
Washington:																																	
Seattle						\$14,835	\$4,089	\$4,220	\$23,144		\$116,148	\$31,935		\$148,080	\$17,643	\$80,553	\$433,539		\$43,803	\$1,455,539	\$91,477	\$59,517		\$505	\$151,499								
Spokane						12,960					411,008	180,199		1,409	355,916		22,838	17,917		2,405	43,160												
Wisconsin:																																	
Milwaukee						14,286					146,999	23,403	10,700	181,102	139,434	1,038,599	320,632	\$117,315	49,022	1,665,002	37,925	11,668	\$30,743	7,092			87,449						
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.																																	
Alabama:																																	
Mobile	\$600	\$3,575				\$4,235	\$4,801	\$3,050		\$11,961	\$3,451	\$77,016	\$26,570		\$107,037	\$1,676	\$580																
Montgomery						2,665	1,865	\$800		12,199		51,522	21,386		72,904	1,600	778																
Arlanes:																																	
Little Rock						8,065						117,064	49,530		166,598																		
California:																																	
Berkeley						6,105	29,748	6,835		36,583	15,176	245,158	112,174		372,594	13,138	7,219																
Pasadena						1,500	29,258	3,299		35,737	33,359	106,774	108,370		474,580	11,691	2,128																
Sacramento						1,500	33,713	9,286		42,199	22,549	302,747	108,370		474,580	11,691	2,128																
San Diego						15,912	40,615	4,160		44,683	21,026	214,769	137,888		377,673	17,401	6,704																

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Colorado: (District Public Schools)	6,498	1,135	7,633	10,332	3,306	13,838	68,571	28,911	3,061	100,543	6,987	4,032	11,019
Pueblo	34,315		34,315	44,320	12,800	\$2,500	445,232	155,027	2,800	692,684	47,240	2,804	56,824
Canon City	6,864		6,864	18,038	2,393	20,431	92,745	41,497		134,242	5,434	3,374	21,434
Meridian	512		512	12,623	13,666	2,622	111,108	45,201	\$17,018	183,827	11,018	4,850	23,680
New Britain	12,010	7,200	19,210	33,040	9,680	42,720	312,854	34,800		380,654	28,370	1,007	29,377
Waterbury			(*)							277,225			21,808
Delaware	4,825		4,825	2,700		2,700	180,866	28,905		190,771			
Wilmington	1,175		1,175	11,800	5,250	17,050	181,040	7,500		188,540			
Jacksonville	2,475		2,475	17,464		17,464	89,644	38,000		141,744			
Tampa	3,600		3,600	31,273	3,300	34,573	95,398	33,305	1,300	126,484	1,697	1,523	3,888
Georgia	3,700		3,700				138,411			171,616	20,285	3,368	25,653
Augusta	4,779	312	5,091	16,061	3,710	19,771	82,858	47,847		130,705	12,812	3,258	16,070
Decatur	4,462		4,462	20,733	3,068	23,801	179,702	86,112	62	238,814	6,683	2,839	9,522
East St. Louis	5,161	4	5,165	3,037		3,037	190,372	77,933	908	273,385	9,466	1,098	9,466
Joliet	10,250		10,250	31,089	6,524	37,613	199,372	19,680	908	252,458	6,883	4,083	7,477
Peoria	6,448	716	7,164	8,750	2,915	11,665	102,771	19,680		122,451			14,962
Quincy	8,350		8,350	22,167	7,234	30,081	173,746	76,040	2,299	253,084	12,883	2,027	14,962
Rockford	7,405	851	8,256	30,747	4,999	36,677	202,728	39,303	4,643	246,674	13,412	1,411	15,010
Springfield	9,650		9,650	22,335	4,000	26,335	257,889	66,858	3,027	332,049	9,658	4,778	14,634
Indianapolis	14,019		14,019	22,912	3,584	27,496	148,394	66,047	10,160	251,565	5,519	800	6,319
Fort Wayne	30,719	11,063	41,782	24,873	4,894	29,767	145,547	86,246	9,738	236,667	2,050	1,600	9,526
Serra Haute	7,976		7,976	38,247	4,991	43,238	221,545	88,491	11,382	314,661			
Iowa:													
Decor Rapids	8,169		8,169	21,041	4,519	25,560	165,610	40,471	18,221	242,200	9,933	2,804	15,802
Des Moines	13,660	2,600	16,260	51,271	10,553	61,824	424,870	184,618	1,312	641,088	14,475	8,965	23,440
Sioux City	14,539		14,539	23,828	4,417	28,245	197,351	85,768	10,705	283,828	11,882	8,549	80,110
Kansas:													
Kansas City	4,018		4,018	9,418	16,210	25,628	227,893	67,169	628	295,064	10,581	4,598	15,157
Topeka	4,076		4,076	23,643	2,582	26,225	153,864	58,039		216,977	13,824	4,826	15,749
Wichita	4,300		4,300	27,352	4,775	32,127	194,278	18,571		212,749	10,044	7,670	17,714
Kentucky:													
Covington	2,700		2,700	14,688	2,134	16,829	95,976	22,380	6,784	130,625	1,482	759	1,917
Lexington	4,500		4,500	15,650	3,800	19,450	76,825	17,450		99,325	5,804	877	6,781
Newport	4,999		4,999	8,100	1,700	9,800	47,564	11,644		59,208	2,895	443	3,338
Maine:													
Portland	9,357		9,357	18,240	3,000	21,240	158,222	66,973		225,195	6,254		6,254
Massachusetts:													
Boston	6,340		6,340	11,760	3,070	14,830	215,311	96,787		312,098	13,546	10,661	24,207
Chelsea	2,800		2,800	15,220	3,490	18,710	132,424	42,083		165,519	10,970	5,043	16,015
Everett	5,210		5,210	12,630	3,874	16,504	127,060	42,478		174,538	10,255	4,119	14,374
Eschobar	3,312	2,700	6,012	14,519	3,100	17,619	132,868	35,404	800	147,602	7,293	6,281	13,980
Haverhill										168,200	11,172	6,294	17,471

\* Statistics taken from report of State office for year 1916-17.  
 † Included in column 16.



TABLE 92.—Expenses of instruction, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

City.	Salaries and expenses of supervisors.						Salaries and expenses of principals.						Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.									
	Kindergarten.		Elementary (including elementary high schools).		Secondary (high schools).		Total.		Kindergarten.		Elementary (including elementary high schools).		Secondary (high schools).		Total.		Elementary (including elementary high schools).		Secondary (high schools).		Vocational.		Other schools.		Total.			
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27			
<b>Massachusetts—</b>																												
<b>Continued.</b>																												
Holyoke.....	87,766	848		27,624	24,035	\$4,527	\$2,760	\$30,621	\$12,992	\$151,035	\$53,865	\$4,921	\$107	\$227,000	\$8,033	\$4,554	\$2,640										\$15,233	
Lawrence.....	4,979	1,500		6,479	29,286	7,700		37,685		244,201	80,126			324,327	7,270	6,343												11,377
Wren.....	5,058			3,083	21,078	3,618		24,697		119,857	53,969			173,866	9,440	1,008												19,458
Woburn.....	3,188	390		3,578	10,079	3,618		14,265		108,857	88,854			197,711	12,832	1,008												17,023
New Bedford.....	4,728	2,243	\$175	14,223	16,256	6,073	5,573	22,853	8,573	157,827	88,854	39,495	2,648	207,824	12,832	5,273	5,131											24,008
Pittsfield.....	5,577	843		6,420	18,727	4,273	5,077	23,993	6,800	150,501	47,329			197,830	8,162	2,852												24,008
Quincy.....	7,996	668		7,868	12,210	3,864	4,300	19,770	6,800	123,072	38,871	11,477		173,943	8,227	2,852												13,144
Salem.....	4,528			4,528	22,027	3,841		25,948	2,195	82,224	38,183			120,407	7,357	7,323												10,284
Barnstable.....	6,783	842		6,635	26,406	6,636	3,669	36,014	6,303	232,944	97,372	12,238	1,860	340,727	15,789	11,862	1,402											20,081
Springfield.....	20,273			20,273	45,312	15,965	3,900	62,237	36,184	453,272	211,576	11,288		712,230	52,261	24,299	2,926											79,480
Taunton.....	2,637	291		2,911	5,494	2,070		8,554		119,129	26,098			145,227	4,701	4,144												8,845
<b>Michigan:</b>																												
Bay City.....	19,000			19,000	21,000	4,000		25,000		167,500	54,500			222,000	8,300	4,700												13,000
Cadmus.....	3,618			3,618	15,030	3,131		16,161	8,845	96,705	56,340			153,045	9,164	2,600												11,584
Flint.....	12,068			12,068	19,730	2,878	1,925	24,561	5,265	179,726	26,522			206,248	6,186	2,787												7,943
Jackson.....	350	1,990		2,340	13,730	2,878	1,925	17,863	11,111	107,962	53,520			161,482	2,782	3,024	205											10,110
Lansing.....	816	708		1,524	4,000	4,200		5,700	8,300	126,300	32,941	5,411	1,030	163,580	17,351	8,059												23,410
Saginaw.....	3,387	700		4,087	10,122	12,780		22,902		86,101	31,206		2,800	120,107	6,803	7,671												14,564
East side.....																												



TABLE 92.—Expenses of instruction, 1917-18.—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

City	Salaries and expenses of supervisors.						Salaries and expenses of principals.						Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.					
	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.	Total.	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.	
Pennsylvania—																								
Charter.	85,286	10,100	8,075		103,461	19,182	15,468	3,705		38,355	31,262	19,315	10,042	51,926	813,175	101,348	39,087	86,400	8796	139,435	2,100	8307	833	\$19,479
Erie.	7,385	1,438	1,438		10,261	12,341	19,315	10,042		41,706	31,262	19,315	10,042	51,926	19,182	15,468	3,705	86,400	8796	139,435	2,100	8307	833	18,203
Harrisburg.	8,988	27,667	9,615		46,270	8,988	27,667	9,615		46,270	11,234	271,064	16,606	28,836	172,638	87,192	11,234	15,477	6,887	289,017	10,167	557	5,688	36,444
Hickory.	6,500	9,350	2,110		18,000	6,650	9,350	2,110		18,110	11,460	11,460			11,460	11,460		3,608	3,608	105,276	3,080	7,979	208	14,457
Johnstown.	12,260	2,178	14,438		28,876	14,438	28,876	3,613		26,555	20,026	20,026			20,026	20,026		21,066	21,066	232,079	19,387	9,349	7,979	36,706
Lancaster.	8,100	18,904	4,744		31,748	8,100	18,904	4,744		31,748	35,456	35,456			35,456	35,456		3,583	3,583	111,188	8,149	2,772	243	11,194
McKeesport.	6,539	11,700	2,711		20,950	6,539	11,700	2,711		20,950	57,828	57,828			57,828	57,828		1,882	1,882	171,337	15,908	9,679	172	25,760
New Castle.	3,886	1,170	2,711		7,767	3,886	1,170	2,711		7,767	53,267	53,267			53,267	53,267		2,978	2,978	141,822	16,738	7,568	818	26,837
Reading.	14,289	2,689	2,689		19,667	2,689	2,689	5,300		10,678	2,370	2,370			2,370	2,370		6,884	6,884	257,479	22,194	9,122	122	31,316
Wilkes-Barre.	6,450	33,386	4,611		44,447	6,450	33,386	4,611		44,447	85,570	85,570			85,570	85,570		4,237	4,237	113,177	9,979	3,620	122	13,712
Williamsport.	2,248	3,746	2,887		8,881	3,746	3,746	4,611		12,103	101,681	101,681			101,681	101,681		6,088	6,088	147,124	14,124	4,757	385	20,229
York.	6,000	1,800	2,365		10,165	6,000	1,800	2,365		10,165	28,285	28,285			28,285	28,285		15,460	15,460	349,960	41,779	2,065	988	16,523
York.	4,820	1,747	3,073		9,640	4,820	1,747	3,073		9,640	149,960	149,960			149,960	149,960		17,057	17,057	108,687	4,665	2,033	988	7,666
York.	1,883	257	3,515		5,655	1,883	257	3,515		5,655	89,545	89,545			89,545	89,545		2,065	2,065	108,687	4,665	2,033	988	7,666
South Carolina.																								
Charleston.	2,926	289	2,208		5,423	3,185	14,103	2,208		19,496	77,782	77,782			77,782	77,782		15,353	15,353	93,135	2,462	322	322	2,794
Charleston.	12,072	10,033	2,445		24,550	12,072	10,033	2,445		24,550	94,136	94,136			94,136	94,136		19,297	19,297	112,343	2,116	982	982	3,088
Charleston.	6,510	28,682	4,281		39,473	6,510	28,682	4,281		39,473	131,419	131,419			131,419	131,419		39,407	39,407	173,248	2,922	400	400	3,322

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Texas:	9,308	49,088	60,122	551,067	148,551	511,405	19,100	3,500	22,600
Dallas	6,260	31,702	32,069	209,017	46,510	260,044	8,408	1,392	9,797
El Paso	4,880	12,547	15,450	283,732	30,786	284,577	1,009	179	1,188
Fort Worth	7,181	3,953	58,176	189,223	152,181	339,422	4,839	1,357	6,196
Galveston	20,220	46,255	61,065	337,419	143,855	483,763	4,839	5,320	8,871
Houston	8,670	52,423	76,533	540,739	125,564	666,303	57,275	20,529	77,807
San Antonio	21,840	66,227	9,600	222,765	44,130	266,895	17,207	1,872	19,100
Utah:	7,550	2,050	9,600	64,268	15,861	84,579	389	214	1,543
Salt Lake City	13,282	1,361	14,622	104,578	16,422	121,000	371	.....	1,371
Virginia:	10,467	1,061	42,527	297,189	129,127	431,791	17,832	15,399	33,264
Norfolk	3,628	12,615	66,995	71,944	47,240	119,184	4,090	3,342	7,432
Portsmouth	6,042	1,542	18,186	148,604	33,807	182,411	2,265	1,003	3,268
Rossmore	16,243	53,158	66,995	71,944	47,240	119,184	4,090	3,342	7,432
Washington	3,628	1,542	18,186	148,604	33,807	182,411	2,265	1,003	3,268
West Virginia:	1,807	11,898	15,664	70,209	31,284	106,678	5,818	5,027	12,119
Wheeling	6,358	965	18,171	126,075	22,577	148,652	3,262	3,378	6,759
Wisconsin:	5,987	2,911	27,175	102,101	57,507	159,608	3,156	4,001	8,916
La Crosse	5,000	.....	.....	.....	.....	.....	.....	.....	36,551
Oshkosh	.....	.....	.....	.....	.....	.....	.....	.....	708
Superior	.....	.....	.....	.....	.....	.....	.....	.....	144

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Alabama:	81,020	84,567	85,757	819,218	84,050	823,285	8,651	9,100	8,651
Anniston	9,000	3,375	2,035	26,447	10,875	37,322	1,631	204	1,835
Bessemer	720	4,510	6,010	17,775	8,400	26,175	478	.....	478
Calhoun	4,890	3,780	3,900	98,818	13,350	98,818	3,862	140	948
Phenix	1,500	3,650	5,900	46,350	13,350	61,880	1,300	200	3,982
Tuscoro	2,657	11,727	14,767	61,812	27,473	89,285	1,727	1,000	3,326
Arkansas:	2,025	8,040	8,040	80,425	30,709	71,135	1,200	20	3,326
Fort Smith	1,000	8,040	10,065	10,000	7,500	17,500	17,500	.....	.....
Hot Springs	.....	.....	.....	29,925	21,925	51,750	5,900	500	6,400
North Little Rock	.....	.....	.....	109,475	41,461	156,339	5,075	3,417	8,492
Plus Bland	11,006	12,228	16,065	109,475	41,461	90,399	981	7,240	8,221
California:	5,200	8,700	12,446	52,699	26,689	79,388	2,454	4,261	6,715
Redwood	5,403	31,407	40,937	182,535	26,689	209,224	2,454	2,211	4,665
Escondido	9,404	16,683	19,683	150,436	102,846	258,540	13,469	7,656	21,015
Long Beach	2,800	5,780	11,900	38,272	74,124	118,372	1,020	4,070	20,105
Panama	8,910	15,070	3,700	52,167	33,109	85,276	3,258	4,953	10,960
Redlands	.....	.....	.....	56,431	49,173	105,604	3,258	3,772	7,030
Riverdale	.....	.....	.....	.....	.....	.....	.....	.....	.....

\* Statistics of 1915-16. \* Statistics of 1916-17. \* Estimated. \* Included in column 12. \* Included in salaries of teachers.



TABLE 92.—Expenses of instruction, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 20,000 POPULATION—Continued.

City.	Salaries and expenses of supervisors.					Salaries and expenses of principals.					Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.				
	Kindergarten	Elementary (including elementary high schools)	Secondary (high)	Other schools	Total	Kindergarten	Elementary (including elementary high schools)	Secondary (high)	Other schools	Total	Kindergarten	Elementary (including elementary high schools)	Secondary (high)	Other schools	Total	Elementary (including kindergarten and elementary grades)	Secondary (high)	Vocational	Other schools	Total	
California—Con.																					
San Jose	\$4,857	36,813			\$41,670		\$24,408	\$6,412		\$30,820					\$213,073	\$1,059	\$2,859			\$4,918	
Santa Cruz	5,400				5,400		2,400			2,400					70,046	1,121	739			1,860	
Stockton	27,228				27,228		3,420	\$2,520		5,940					217,537	17,060	4,740			21,800	
Vallejo	708				708		7,040	2,400		9,440					59,241	2,578	2,600			5,178	
Colorado																					
Colorado Springs	5,066				5,066		18,152	3,092		21,244					167,816	7,315	4,180			11,495	
District No. 1	1,607	340			1,947		3,060	1,400		4,460					5,418	1,108	200			1,414	
Trinidad	9,228				9,228		8,088	2,530		10,618					62,838	477	246			723	
Connecticut																					
Boston	2,000				2,000		4,900	2,450		7,350					85,980	3,498				3,498	
Burlington	2,500	600			3,100		2,700	2,100		4,800					48,083	690	271			970	
Detroit	2,500				2,500		10,200	3,200		13,400					60,648	2,928	559			3,487	
Greenwich	5,000				5,000		10,200	3,200		13,400					110,407	11,362	2,742			14,104	
Manchester							1,830			1,830					18,654	2,543				2,543	
Middletown							1,500			1,500					56,105	1,584	1,428		\$34	3,043	
Naugahuck	2,665	1,256			3,921		1,500	2,200		3,700					63,598	363	77			470	
New London	1,800				1,800		17,200	4,218		21,418					71,366	6,142	2,136			8,278	
Norwalk	2,223				2,223		3,520	5,118		8,638					99,223	3,706				5,902	
Norwich	4,887				4,887		76,083			81,970					83,278	2,285				7,283	
South Manchester	2,400				2,400		5,400	3,000		8,400					64,468	5,000	2,070			7,070	
Stamford	16,913				16,913		18,471	3,300		21,771					193,632	14,368	6,016			21,384	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Turkington.	1,585	6,700	3,673	10,373	69,954	26,029	85,983	6,229	3,068	9,317
Washington.	2,900	4,400	4,900	2,600	33,911	14,623	53,134	4,506	2,501	7,070
Whitman.	900	1,800	1,800	1,800	15,490	14,444	29,934	1,421	784	2,205
Georgia:										
Atlanta.	10,000	1,710	1,900	11,900	28,420	11,570	40,990	1,027	1,028	2,055
Brunswick.	3,350	11,022	1,800	3,210	17,628	10,185	24,667	2,590	300	3,000
Columbus.	3,300	11,022	1,800	14,622	19,680	9,825	36,605	220	80	3,400
Waynes.	550	2,900	1,800	6,800	26,084	4,535	30,869	2,200	1,241	3,441
Idaho:										
Boise.	6,177	5,175	1,500	2,600	64,392	41,158	105,550	19,550	9,449	28,990
Illinois:										
Alton.	2,903	8,784	2,200	10,984	65,236	21,925	87,220	1,716	218	1,934
Aurora.	3,000	5,200	3,000	12,300	47,112	24,834	73,366	2,303	1,700	4,033
West side.	3,625	4,200	2,000	6,350	23,505	13,900	37,405	2,001	500	2,501
Bloomington.	2,815	1,500	1,500	1,300	46,963	3,283	47,943	5,106	1,404	3,283
Chicago.	2,875	9,563	2,745	12,248	50,754	24,985	75,537	5,106	1,404	6,512
Chicago Heights.	5,243	7,131	2,071	9,202	32,157	13,944	46,001	2,956	838	3,477
Chicago Heights.	1,186	1,186	1,186	1,186	31,238	26,284	57,522	1,347	838	3,794
Cicero.	5,150	5,150	5,150	5,150	85,950	47,025	132,975	4,435	1,347	5,782
Danville.	4,192	7,180	2,453	9,633	49,130	22,921	72,051	1,347	167	1,514
Elgin.	4,192	13,068	2,800	15,868	72,447	49,391	121,838	3,466	500	3,966
Evanston.	4,692	6,207	0,267	5,450	83,607	4,283	89,957	4,283	4,283	4,283
District No. 75.	1,235	1,235	1,235	1,235	34,607	2,317	36,924	2,317	2,317	2,317
District No. 76.	3,105	9,948	3,050	3,050	46,965	27,133	74,098	2,110	1,200	3,310
Freeport.	3,105	6,975	1,800	8,775	38,612	33,605	72,217	4,979	2,020	7,000
Galesburg.	2,925	2,925	1,700	4,600	28,750	17,678	46,428	1,840	1,000	2,840
Kankakee.	1,715	4,750	4,750	4,750	47,365	15,875	63,270	3,283	666	3,949
La Salle.	1,715	4,750	4,750	4,750	24,677	789	25,466	2,789	789	3,578
Lincoln.	1,715	4,750	4,750	4,750	24,270	10,965	35,235	1,400	350	1,750
Mazon.	1,010	3,787	2,000	2,000	31,773	12,692	44,465	6,640	1,000	7,640
Mattoon.	1,010	3,787	2,000	2,000	64,341	27,358	91,699	5,993	4,978	10,971
Oak Park.	1,538	2,402	2,075	2,075	146,246	82,494	228,740	3,388	2,012	5,400
Rock Island.	2,075	2,900	2,900	2,900	82,494	28,280	110,774	3,388	2,012	5,400
Streator.	1,400	1,400	1,400	1,400	46,428	46,428	92,856	2,263	2,263	4,526
Waukegan.	1,400	1,400	1,400	1,400	56,577	56,577	113,154	3,440	1,147	4,587
Indiana:										
East Chicago.	8,390	7,685	2,778	10,361	85,613	23,300	108,913	3,440	1,147	4,587
Elkhart.	5,093	9,000	1,576	10,576	49,418	17,965	67,383	3,440	1,147	4,587
Elwood.	3,140	4,437	1,300	5,737	23,365	11,502	34,867	14,779	4,830	19,709
Evansville.	8,256	3,477	7,911	11,388	81,875	52,119	134,000	22,798	5,000	27,798
Hartsville.	5,000	9,619	2,600	12,119	90,231	36,730	126,961	1,740	600	2,340
Hammond.	8,475	5,556	1,708	7,263	26,728	12,415	39,143	31,663	31,663	31,663
Indianapolis.	4,289	1,100	1,100	1,100	21,328	10,335	31,663	3,640	1,567	5,207
Kokomo.	4,138	7,076	1,800	9,476	65,900	24,461	90,361	11,783	2,600	14,383
La Fayette.	3,319	2,801	1,700	4,501	24,680	14,722	39,402	10,783	3,083	13,876

† In column 11.

‡ Not including district No. 1.

\* Estimated.

§ Statistics of 1915-16.

¶ In column 12.



TABLE 92.—Expenses of instruction, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued

Cities	Salaries and expenses of supervisors.					Salaries and expenses of principals.					Salaries of teachers.					Textbooks, supplies, and other expenses of instruction.					
	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.	Kindergarten.	Elementary (including elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.	
Indiana—Con.																					
Logansport.....																					
Marion.....																					
Michigan City.....																					
Mishawaka.....																					
Muncie.....																					
New Albany.....																					
Perrin.....																					
Richmond.....																					
Vincennes.....																					
Illinois—																					
Rock Island.....																					
Burlington.....																					
Clinton.....																					
Council Bluffs.....																					
Fort Dodge.....																					
Iowa City.....																					
Kirkuk.....																					
Marshalltown.....																					
Mason City.....																					
Muscatine.....																					
Missouri—																					
St. Louis.....																					
Washington.....																					
Wisconsin—																					
Madison.....																					
Waukesha.....																					
Wausau.....																					
Wauson.....																					
Wauson.....																					

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	4,800	2,650	7,450	13,350	2,478	15,828	25,706	25,650	96,356	5,041	1,924	6,981
Ottawa, Ont.												
Waterbury, Conn.												
Wichita, Kan.	985		985	7,059	2,200	9,259	16,938	16,938	77,996	440	679	1,110
Wichita, Kan.				4,006	2,045	6,051	27,465	15,408	42,873	1,117	253	1,380
Wichita, Kan.				6,831	1,560	8,391	44,759	15,408	64,159	9,131	300	1,651
Wichita, Kan.				7,624	2,000	9,624	12,735	15,900	28,745	1,398	3,011	4,409
Wichita, Kan.				7,624	2,000	9,624	35,225	27,568	85,813	3,497	1,101	4,598
Wichita, Kan.				7,624	2,000	9,624	39,431	22,139	37,533	7,319	1,08	7,399
Wichita, Kan.				10,253	2,707	12,960	39,374	21,739	61,013	3,985	1,325	7,319
Wichita, Kan.				3,494	3,494	6,988	14,735	25,325	39,660	5,600	300	5,900
Wichita, Kan.				3,600	1,735	5,335	38,772	14,519	53,321	1,351	908	2,259
Wichita, Kan.				8,932	1,750	10,682	20,781	9,770	30,551	9,958	258	1,924
Wichita, Kan.						975	24,590	10,456	35,386	1,157	860	1,157
Wichita, Kan.				5,400	1,800	7,200	30,193	16,388	46,581	1,490	860	1,356
Wichita, Kan.				1,800	1,800	3,600	39,956	10,000	49,956	1,750	106	1,916
Wichita, Kan.				9,000	1,700	10,700	24,206	17,935	42,201	350	340	660
Wichita, Kan.				4,960	2,100	7,060	17,391	9,533	27,444	2,729	1,741	4,470
Wichita, Kan.				3,615	600	4,215	42,050	19,710	63,390	2,811	620	3,431
Wichita, Kan.				14,925	1,620	16,545	27,739	11,770	41,617	5,108	2,182	7,280
Wichita, Kan.				5,636	2,108	7,744	35,137	6,735	41,882	4,900	1,200	6,100
Wichita, Kan.				5,485	2,700	8,185	38,900	8,400	45,300	2,895	1,526	4,421
Wichita, Kan.				5,500	2,000	7,500	31,242	8,975	40,117	1,265	3,290	4,554
Wichita, Kan.				10,452	1,650	12,102	24,405	16,770	41,175	1,750	3,357	5,107
Wichita, Kan.				5,130	3,000	8,130	37,790	13,406	51,196	1,853	893	2,756
Wichita, Kan.				6,050	1,900	7,950	28,056	6,790	34,826	5,591	4,239	9,830
Wichita, Kan.				9,750	2,300	12,050	80,919	27,724	89,567	2,852	2,518	5,370
Wichita, Kan.				5,513	2,038	7,551	50,233	14,840	65,073	3,899	4,437	8,457
Wichita, Kan.				16,235	5,016	21,251	81,640	34,360	117,001	3,899	6,236	17,625
Wichita, Kan.				24,865	18,068	42,933	124,523	59,739	203,763	4,052	2,113	283
Wichita, Kan.				2,363	2,363	4,726	34,079	9,910	44,005	2,398	1,089	6,185
Wichita, Kan.				1,116	1,116	2,232	24,079	20,010	44,099	2,398	1,089	3,685
Wichita, Kan.				12,196	3,400	15,596	46,969	19,234	66,203	3,500	2,137	5,733
Wichita, Kan.				8,861	2,440	11,301	28,598	16,027	44,625	3,500	2,137	5,487
Wichita, Kan.				7,004	2,060	9,064	66,934	26,720	93,654	9,468	4,769	14,237
Wichita, Kan.				2,060	2,060	4,120	40,730	18,958	59,688	4,211	2,205	5,548
Wichita, Kan.				2,578	650	3,228	44,963	18,578	63,541	4,211	2,205	9,473
Wichita, Kan.				4,418	2,578	6,996	39,600	13,665	53,265	2,168	1,305	6,285
Wichita, Kan.				11,469	8,440	19,909	89,468	53,791	143,260	3,453	2,737	150
Wichita, Kan.				8,440	2,400	10,840	39,520	28,052	67,572	3,453	2,737	6,100
Wichita, Kan.				1,800	1,800	3,600	53,252	8,413	61,665	4,365	621	4,986
Wichita, Kan.				2,010	2,010	4,020	40,390	10,455	50,845	2,576	2,366	4,942
Wichita, Kan.				2,010	2,010	4,020	22,844	12,065	35,009	3,353	1,279	4,632
Wichita, Kan.				9,230	6,115	15,345	4,5931	19,983	75,519	3,169	2,398	5,567

<sup>12</sup> Included in salaries of teachers.

<sup>13</sup> Estimated.

<sup>14</sup> Statistics of 1915-16.

<sup>15</sup> Included in column 12.

<sup>16</sup> Vacations schools.



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

2,002	1,881	4,483	2,200	2,200	4,837	37,228	21,275	63,598	2,910	2,821	5,902
3,250	1,881	3,250	1,800	1,800	4,100	19,908	19,908	58,598	2,114	2,821	5,902
2,383	1,881	2,383	1,600	1,600	4,999	25,491	18,626	48,816	1,949	805	1,949
1,100	1,881	7,008	2,700	2,700	17,255	30,859	15,527	46,386	3,963	2,069	5,932
1,500	1,881	9,548	8,079	8,079	90,002	63,673	13,297	131,754	13,297	13,297	27,072
3,380	1,881	6,700	2,550	2,550	66,700	26,700	26,700	99,550	2,898	2,250	3,148
9,645	4,800	11,538	6,766	2,108	8,872	31,922	19,218	90,424	5,501	3,769	6,557
3,858	1,386	5,319	2,890	2,890	24,632	17,075	17,075	46,717	2,819	2,819	9,270
1,400	1,400	1,400	3,622	3,100	6,722	24,784	24,784	41,344	1,709	1,600	3,309
2,750	850	3,600	4,807	1,500	6,107	18,588	16,072	35,166	1,707	1,500	3,207
2,545	1,200	2,545	2,710	1,600	4,310	18,408	14,072	32,480	2,048	1,787	3,835
5,038	120	5,038	3,400	13,400	3,400	23,361	38,000	122,751	2,113	5,731	13,852
2,990	2,990	2,990	6,325	2,200	8,525	38,772	28,000	68,963	5,363	2,750	8,313
2,700	2,700	2,700	2,000	1,500	3,500	33,928	18,940	52,868	4,088	422	4,510
2,700	2,700	2,700	2,000	1,500	3,500	33,928	18,940	52,868	4,088	422	4,510
1,200	1,200	1,200	1,650	1,650	8,640	36,540	9,135	45,675	2,500	1,419	3,919
1,200	1,200	1,200	1,650	1,650	8,640	36,540	9,135	45,675	2,500	1,419	3,919
1,985	1,985	1,985	1,350	1,350	8,570	42,215	14,012	56,227	652	752	1,404
1,985	1,985	1,985	1,350	1,350	8,570	42,215	14,012	56,227	652	752	1,404
8,000	3,500	11,500	6,445	2,200	10,645	44,490	19,750	64,180	5,439	823	6,262
18,585	18,585	18,585	10,710	2,900	12,610	182,840	2,250	182,840	12,840	2,250	15,090
6,420	6,420	6,420	12,900	12,900	12,900	155,461	22,878	67,885	7,058	7,058	17,432
2,903	2,903	2,903	4,278	1,600	5,878	39,114	16,769	57,463	8,879	2,214	11,083
6,300	6,300	6,300	6,500	2,400	9,000	37,350	23,810	63,960	3,400	1,978	5,378
125	125	125	12,190	7,434	19,624	21,699	16,550	41,249	1,488	1,900	3,419
1,742	1,742	1,742	1,963	2,357	40,060	32,863	32,863	75,819	4,308	3,428	7,736
2,800	2,800	2,800	2,000	2,000	3,900	19,201	11,350	30,551	3,855	1,000	4,855
2,800	2,800	2,800	2,000	2,000	3,900	19,201	11,350	30,551	3,855	1,000	4,855
2,800	2,800	2,800	2,000	2,000	3,900	19,201	11,350	30,551	3,855	1,000	4,855
2,800	2,800	2,800	2,000	2,000	3,900	19,201	11,350	30,551	3,855	1,000	4,855
5,000	5,000	5,000	5,050	2,201	7,251	29,907	16,415	48,182	1,961	2,876	4,834
5,000	5,000	5,000	5,050	2,201	7,251	29,907	16,415	48,182	1,961	2,876	4,834
5,000	5,000	5,000	5,050	2,201	7,251	29,907	16,415	48,182	1,961	2,876	4,834
5,000	5,000	5,000	5,050	2,201	7,251	29,907	16,415	48,182	1,961	2,876	4,834
3,099	1,765	3,099	3,402	8,970	17,539	30,120	45,265	125,594	6,543	3,728	10,271
3,099	1,765	3,099	3,402	8,970	17,539	30,120	45,265	125,594	6,543	3,728	10,271
13,668	2,290	15,928	14,892	2,738	17,630	87,350	26,059	119,975	7,028	3,075	10,703
3,700	3,700	3,700	6,050	2,701	7,751	55,816	7,709	83,516	4,412	1,867	6,279

Included in column 12.

Statistics of 1915-16.

Estimated.

Included in salaries of teachers.

TABLE 92.—Expenses of instruction, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Salaries and expenses of supervisors.					Salaries and expenses of principals.					Salaries of teachers.					Textbooks, supplies, and other expenses of instruction.					
	Kindergarten.	Elementary (including high schools).	Secondary (high).	Other schools.	Total.	Kindergarten.	Elementary (including high schools).	Secondary (high).	Other schools.	Total.	Elementary (including elementary grades in junior high school).	Secondary (high).	Vocational.	Other schools.	Total.	Elementary (including kindergarten and elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
New Jersey—Con.	\$2,500	\$2,500	\$1,325	\$2,050	\$3,375	\$3,375	\$2,050	\$2,050	\$3,375	\$3,375	\$39,207	\$14,250	\$14,250	\$14,250	\$53,517	\$27,543	\$9,930	\$9,930	\$9,930	\$8,473	
Milville.	14,900	14,900	22,930	7,930	30,730	15,025	7,930	7,930	30,730	30,730	126,493	60,672	60,672	60,672	217,547	23,548	9,188	9,188	9,188	34,734	
Montclair.	3,601	3,601	4,449	3,450	4,000	7,400	3,450	3,450	4,000	4,000	31,800	11,940	11,940	11,940	119,445	11,945	3,378	3,378	3,378	15,323	
New Brunswick.	5,600	5,600	7,000	3,200	6,450	11,600	3,200	3,200	6,450	6,450	85,597	63,525	63,525	63,525	166,422	6,217	1,275	1,275	1,275	7,492	
Plainburg.	5,450	5,450	6,400	3,200	6,400	11,600	6,400	6,400	6,400	6,400	59,175	5,725	5,725	5,725	59,175	5,435	5,435	5,435	5,435	15,563	
Windsor.	3,175	3,175	11,050	1,200	11,050	6,930	1,200	1,200	11,050	11,050	46,752	10,630	10,630	2,237	22,665	8,462	1,559	1,559	1,559	10,012	
West New York.	10,825	10,825	3,325	1,200	4,325	3,250	1,200	1,200	4,325	4,325	35,712	15,485	15,485	2,237	70,082	6,314	2,669	2,669	2,669	9,183	
West Orange.	4,000	4,000	4,530	1,870	8,500	13,470	1,870	1,870	8,500	8,500	35,712	15,485	15,485	2,237	51,197	2,692	1,000	1,000	1,000	3,692	
New York.	2,249	2,249	905	375	3,154	375	1,947	1,947	3,154	3,154	32,661	13,091	13,091	2,542	45,752	2,088	1,554	1,554	1,554	3,622	
Albany.	2,496	2,496	1,108	2,217	2,217	2,561	832	832	2,561	2,561	24,147	7,121	7,121	3,393	31,268	1,713	513	513	513	2,256	
Catskill.	2,217	2,217	1,108	2,217	2,217	6,785	1,900	1,900	6,785	6,785	25,359	6,825	6,825	2,542	32,164	7,736	285	285	285	1,003	
Cornwall.	2,000	2,000	888	2,888	2,888	15,353	11,548	11,548	15,353	15,353	15,353	11,548	11,548	440	26,901	298	142	142	142	440	
District No. 9.	2,600	2,600	1,200	2,800	2,800	13,100	6,489	6,489	13,100	13,100	24,886	713	713	416,811.10	24,886	2,006	515	515	515	2,229	
District No. 13.	1,800	1,800	900	2,700	2,700	26,684	9,489	9,489	26,684	26,684	35,173	2,006	2,006	2,006	35,173	2,006	515	515	515	2,521	
Cortland.	2,921	2,921	1,454	2,374	2,374	2,800	900	900	2,800	2,800	28,424	13,737	13,737	513	42,161	4,262	751	751	751	4,262	
Dunkirk.	1,454	1,454	727	1,454	1,454	33,042	19,475	19,475	33,042	33,042	52,517	19,475	19,475	685	52,517	721	685	685	685	1,108	
Fulton.	1,250	1,250	625	1,250	1,250	3,750	1,250	1,250	3,750	3,750	3,750	1,250	1,250	1,250	3,750	1,250	1,250	1,250	1,250	1,108	
Geneva.	2,000	2,000	1,000	2,000	2,000	3,750	1,250	1,250	3,750	3,750	33,042	19,475	19,475	685	52,517	721	685	685	685	1,406	

Chas Falls	506	507	1,015	775	376	1,551	40,289	9,246	50,437	2,704	592	3,266
Glastonbury	1,521	1,521	1,521	2,490	796	3,270	50,314	31,065	82,223	3,398	1,914	3,512
Hartford	2,936	2,937	6,122	4,907	1,890	6,797	124,623	19,653	152,785	3,653	1,046	3,999
Ithaca	2,057	2,057	6,122	2,875	1,490	4,367	34,789	24,643	63,164	2,726	1,059	3,623
Johnstown	1,615	1,615	4,405	2,875	1,490	4,367	28,492	24,643	43,406	2,724	1,059	3,790
Kingsport	644	644	4,405	2,875	1,490	4,367	28,492	24,643	43,406	2,724	1,059	3,790
Little Falls	2,100	2,100	5,016	3,103	1,550	4,653	24,422	19,890	37,313	2,395	975	3,370
Middletown	535	535	1,238	8,212	2,270	2,438	37,171	24,633	28,697	1,318	632	1,950
Newburgh	4,000	4,000	9,940	9,520	2,120	10,640	39,123	31,804	81,904	4,291	289	5,580
New Rochelle	3,917	3,917	4,707	19,048	4,230	23,278	59,574	14,284	53,407	3,581	641	4,222
N. Tonawanda	3,243	3,243	4,656	2,988	1,073	4,070	13,770	53,932	90,104	5,735	2,975	8,610
Oneida	1,484	1,484	5,431	2,129	7,560	7,560	22,111	8,997	51,011	3,046	932	12,070
Oran	838	838	3,912	5,975	2,922	8,897	58,033	17,534	75,867	1,551	1,110	1,566
Oswego	476	476	2,883	5,975	2,922	8,897	47,561	17,534	75,867	1,551	1,110	1,566
Peekskill	608	608	370	1,121	622	1,743	45,591	20,210	64,313	1,160	358	1,495
District No. 7	750	750	1,404	1,404	714	2,118	29,344	9,787	30,915	901	452	1,353
District No. 8	4,416	4,416	8,638	9,068	1,832	10,900	49,472	6,373	26,344	1,198	542	1,833
Flatlands	4,527	4,527	6,100	4,454	3,439	7,894	20,716	11,253	31,974	1,498	578	1,974
Foughkeepsie	1,278	1,278	1,008	3,351	46	3,397	80,985	23,707	104,792	7,257	990	1,374
Rensselaer	1,693	1,693	1,693	4,674	3,250	7,924	64,456	32,691	97,147	3,689	4,463	8,237
Rome	3,500	3,500	4,050	2,404	1,015	3,419	27,128	8,222	35,360	2,066	731	3,354
Saratoga Springs	1,742	1,742	2,404	2,650	1,148	3,802	53,699	15,401	69,100	1,680	490	2,797
Watertown	1,742	1,742	2,404	2,650	1,148	3,802	39,168	18,191	57,359	1,208	2,393	2,170
Watervliet	5,397	5,397	5,397	9,364	3,957	13,321	79,846	19,328	101,132	3,450	147	3,601
Warren	1,432	1,432	1,936	8,431	1,463	9,894	33,636	9,959	43,595	3,787	603	3,678
North Carolina	2,793	2,793	3,300	3,336	1,796	5,132	78,079	34,661	112,740	7,216	4,198	1,390
Durham	6,121	6,121	10,496	10,290	2,487	12,786	51,983	15,708	67,691	2,654	1,298	3,952
North Dakota	1,340	1,340	1,340	5,252	1,796	7,036	17,534	15,125	32,721	2,779	348	3,087
Ohio	3,650	3,650	3,650	3,350	1,900	5,250	49,474	15,125	64,599	4,645	1,702	6,347
Alliance	3,375	3,375	3,375	10,290	2,487	12,786	58,210	17,460	75,670	4,645	1,702	6,347
Cambridge	7,673	7,673	7,673	16,506	4,273	20,776	34,152	74,194	108,376	10,700	4,322	13,022
Chillicothe	6,541	6,541	6,541	4,800	1,900	6,700	35,059	21,271	56,330	5,524	650	1,201
East Liverpool	3,375	3,375	3,375	4,800	1,900	6,700	38,300	11,475	49,775	5,775	1,525	7,300
Findlay	7,673	7,673	7,673	6,538	2,450	8,985	72,859	22,961	95,749	3,311	1,909	5,120
Lakewood	4,650	4,650	4,650	7,965	1,170	9,135	47,526	31,307	78,833	3,929	1,453	5,382
Lancaster	6,541	6,541	6,541	6,538	2,450	8,985	31,230	22,639	53,869	817	1,413	5,817
Lorain	1,320	1,320	1,320	13,160	2,779	15,939	37,979	11,574	49,553	413	1,000	1,413
Mansfield	1,320	1,320	1,320	6,350	2,050	8,400	131,660	53,690	185,340	10,221	3,812	14,033
Marion	1,320	1,320	1,320	15,048	4,049	19,097	36,420	17,475	53,895	1,230	270	1,500
Mason	1,320	1,320	1,320	3,297	1,150	4,447	62,060	18,605	80,665	141	70	211
Massillon	5,399	5,399	5,399	11,488	2,847	14,335	62,060	18,605	80,665	141	70	211
				9,450	2,350	11,800	57,178	26,254	83,432	2,329	627	1,896
							66,875	6,600	73,475	6,600	1,000	8,200

\* Estimated.

† Statistics of 1915-16.



TABLE 92.—Expenses of instruction, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities.	Salaries and expenses of superintendents.					Salaries and expenses of principals.					Salaries of teachers.					Textbooks, supplies, and other expenses of instruction.					
	Kindergarten.		Elementary (including elementary high schools).		Total.	Elementary (including elementary high schools).		Secondary (high).		Vocational.	Other schools.	Total.	Elementary (including kindergarten and elementary grades).		Secondary (high).		Vocational.	Other schools.	Total.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Ohio—Continued.																					
Middletown.	32,800		32,800			7,150	\$1,600		88,750			\$43,384	\$13,750		\$57,334	\$2,562	\$2,153				\$34,715
Newark.	4,820	\$5,258	10,078			12,696	2,590		15,286			56,953	24,468		81,061	867	2,274				8,435
Newark.	2,875		2,875			7,150	2,125		9,275			61,774	22,493		89,619	6,161	2,274				3,381
Piqua.	1,850		1,850			3,960	1,690		2,650			33,322	13,953		47,315	3,396	1,663				17,578
Tiffin.						2,025	3,250		5,275			18,765	13,750		32,615	2,558	2,187				2,805
Warren.						10,500	2,500		13,000			68,019	24,933		92,972	2,805	2,187				2,805
Zanesville.						4,185	1,500		5,685			30,600	16,250		46,850	1,133	284				339
Ohio—Continued.																					
Columbus.	2,862		2,862	1,000		6,400	1,800		8,200			23,878	15,180		39,058	1,133	551				1,684
McAlester.	1,800		1,800			5,045	3,087		8,132			77,729	27,779		105,499	6,904	3,388				10,292
Muskogee.	4,282		4,282	753		12,672	3,087		15,759			29,174	23,518		52,692	2,285	40				2,325
Shawnee.	837		837			6,968	2,250		9,218			191,783	65,180		256,963	3,655	5,850				9,505
Tulsa.	11,065		11,065			24,870	3,991		28,861	7,100		75,330	32,670		108,000	1,500	3,000				4,500
Oregon.																					
Salmon.																					
Pennsylvania.																					
Beaver Falls.																					
Beaver Falls.																					
Bradford.																					
Bradford.																					
Bradford.																					
Bradford.																					
Bradford.																					

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

657

Butler	475	1,425	4,590	2,552	7,172	49,959	22,782	72,650	8,049	2,519	10,268
Carbondale	748	748	3,021	2,000	11,020	34,999	15,684	50,573	2,013	2,903	5,416
Chambersburg	1,429	4,073	4,104	1,280	5,381	19,948	10,319	41,337	3,333	2,560	7,429
Columbus	3,073	2,700	3,600	2,150	5,282	26,949	17,376	23,894	1,444	1,362	2,900
Councilville	1,800	6,339	4,230	1,780	6,020	24,635	11,060	42,031	6,030	8,000	6,000
Dubuque	2,600	833	10,941	2,200	16,179	40,000	28,961	31,000	8,000	2,092	10,082
Duquene	5,744	5,097	5,311	3,600	9,211	64,900	20,822	93,861	9,419	8,065	18,084
Easton	1,550	2,679	5,111	1,650	6,760	37,999	14,748	74,021	6,597	4,874	10,971
Greensburg	2,679	4,000	5,370	1,500	6,870	42,990	6,000	19,278	18,490	1,481	11,481
Laneshead	4,000	4,000	5,370	1,500	6,870	27,852	6,000	63,852	5,215	4,539	5,054
Maize	4,000	4,000	5,370	1,500	6,870	33,789	3,600	37,389	2,122	1,307	3,429
McKees Rocks	1,700	2,100	9,000	2,100	11,100	32,550	19,850	52,300	3,525	2,500	6,115
Mahanoy City	2,100	2,000	7,552	1,600	9,152	60,483	18,205	78,688	7,066	681	7,727
Meadville	2,000	2,000	7,552	1,600	9,152	25,615	8,583	34,198	3,015	2,583	5,598
Mount Carmel	2,000	3,776	1,554	1,554	1,554	56,909	7,300	66,784	6,251	1,300	8,046
Nanticoke	1,888	2,704	1,368	1,368	1,368	21,316	6,136	27,511	3,800	2,469	6,546
Phoenicia	2,704	2,704	1,368	1,368	1,368	39,938	6,550	46,486	1,176	796	6,303
Pittston	2,968	2,968	1,368	1,368	1,368	38,732	3,428	33,374	2,321	6,578	7,972
Plymouth	2,444	4,24	4,725	1,530	6,255	40,447	12,777	53,224	6,499	2,000	2,960
Pottsville	1,450	1,450	6,310	1,500	7,810	40,870	15,969	56,839	4,011	2,806	9,517
Ridgely	1,450	1,450	6,310	1,500	7,810	43,530	12,415	55,945	9,270	1,233	7,043
Sharon	1,450	1,450	6,310	1,500	7,810	27,459	5,412	32,871	5,589	1,250	6,839
Shenandoah	3,600	3,600	5,112	1,600	6,712	30,024	5,589	35,613	3,411	2,022	5,433
Uniontown	2,305	2,305	4,985	1,800	6,785	30,107	20,899	50,966	0,972	3,237	10,339
Warren	1,309	600	6,198	2,400	8,598	41,678	12,898	54,576	7,379	1,635	9,014
Washington	1,309	600	6,198	2,400	8,598	47,157	15,450	62,607	8,478	4,354	13,655
West Chester	1,309	600	6,198	2,400	8,598	26,930	20,850	47,780	2,232	1,700	4,034
Wilkinsburg	3,968	3,740	5,750	1,852	7,602	75,158	36,323	111,478	8,875	7,500	16,378
Rhode Island	3,968	3,740	5,750	1,852	7,602	35,375	6,436	41,811	3,027	1,175	4,195
Central Falls	3,740	3,740	5,750	1,852	7,602	64,444	18,142	82,586	11,031	1,438	13,069
Cranston (P. O.)	2,301	2,301	17,300	1,500	18,800	27,747	5,950	33,697	1,303	1,190	2,493
Providence	2,301	2,301	17,300	1,500	18,800	79,638	37,149	116,787	8,910	4,738	13,708
Cumberland (P. O., Mansville)	720	720	6,620	1,500	8,120	31,725	7,979	39,704	1,406	1,406	4,406
Newport	4,140	4,140	5,650	2,100	7,750	33,288	7,979	41,267	1,568	1,132	1,700
South Carolina	7,783	1,350	9,760	3,700	13,460	68,774	24,355	93,129	1,826	1,982	3,808
South Dakota	1,500	1,500	2,100	2,100	4,200	102,391	33,450	135,841	6,797	1,679	8,476
Aberdeen	1,500	1,500	2,100	2,100	4,200	38,847	3,220	42,067	11,192	1,500	1,692
Sioux Falls	1,500	1,500	2,100	2,100	4,200	60,290	29,745	90,035	1,192	1,500	1,692
Tennessee	1,500	1,500	2,100	2,100	4,200	100,926	28,175	129,101	703	1,046	1,750
Texas	1,500	1,500	2,100	2,100	4,200	7,751	2,751	10,502	11,192	1,500	1,692
Austin	1,500	1,500	2,100	2,100	4,200	100,926	28,175	129,101	703	1,046	1,750
Beaumont	1,500	1,500	2,100	2,100	4,200	100,926	28,175	129,101	703	1,046	1,750

Not distributed.

Estimated.

Statistics of 1915-16.

Included in column 12.





TABLE 92.—Expenses of instruction, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

City	Salaries and expenses of supervisors.					Salaries and expenses of principals.					Salaries of teachers.					Textbooks, supplies, and other expenses of instruction.							
	3	4	5	6	Total	7	8	9	10	Total	11	12	13	14	15	16	Total	17	18	19	20	Total	
Texas—Continued.																							
Brownsville.																							
Cleburne.																							
Denison.																							
Marshall.																							
Palestine.																							
Paris.																							
San Angelo.																							
San Antonio.																							
Temple.																							
Tyler.																							
Waco.																							
Utah.																							
Ordan.																							
Vermont.																							
Barre.																							
Burlington.																							
Rutland.																							
Virginia.																							
Alexandria.																							
Danville.																							
Fredericksburg.																							

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	2,000	3,000	4,000	5,000	18,483	44	44	44
Albany	2,389	7,066	8,726	14,265	56,896	3,141	1,531	4,972
Albany, Ga.	9,183	14,054	18,895	47,638	130,213	2,982	4,183	7,175
Albany, N. Y.	4,387	3,286	14,658	59,723	158,523	6,987	6,987	12,664
Albany, N. Y.	7,999	7,568	10,288	51,160	90,213	2,458	4,880	7,539
Albany, N. Y.	2,538	8,061	10,051	27,000	82,108	1,846	6,35	9,781
Albany, N. Y.	1,507	3,825	5,625	11,301	40,286	984	1,175	1,169
Albany, N. Y.	6,237	8,475	11,475	22,077	138,304	3,079	1,000	4,079
Albany, N. Y.	4,450	8,194	13,019	42,812	28,150	261	261	13,249
Albany, N. Y.	4,450	8,194	13,019	42,812	113,299	10,000	2,649	13,249
Albany, N. Y.	4,450	8,194	13,019	42,812	89,499	3,308	2,535	9,635
Albany, N. Y.	4,450	8,194	13,019	42,812	87,329	1,403	2,188	9,635
Albany, N. Y.	4,450	8,194	13,019	42,812	81,323	4,520	2,000	7,284
Albany, N. Y.	4,450	8,194	13,019	42,812	69,323	3,858	2,475	6,790
Albany, N. Y.	4,450	8,194	13,019	42,812	67,008	1,820	778	2,698
Albany, N. Y.	4,450	8,194	13,019	42,812	101,008	2,420	2,682	9,875
Albany, N. Y.	4,450	8,194	13,019	42,812	49,020	1,808	6,559	9,703
Albany, N. Y.	4,450	8,194	13,019	42,812	132,994	9,048	2,282	13,108
Albany, N. Y.	4,450	8,194	13,019	42,812	171,893	7,292	2,581	12,422
Albany, N. Y.	4,450	8,194	13,019	42,812	56,638	2,205	1,173	6,619
Albany, N. Y.	4,450	8,194	13,019	42,812	50,818	2,312	1,911	6,803
Albany, N. Y.	4,450	8,194	13,019	42,812	108,682	2,289	1,081	6,240
Albany, N. Y.	4,450	8,194	13,019	42,812	75,049	3,484	1,820	6,628
Albany, N. Y.	4,450	8,194	13,019	42,812	51,920	3,400	1,913	6,313
Albany, N. Y.	4,450	8,194	13,019	42,812	36,196	3,400	1,913	6,313

\* Estimated.

\* Statistics of 1918-19.

\* Included in column 12.

\* Included in column 8.



TABLE 53.—Bonds, taxation, property values, valuation, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

Cities.	Taxation.				Bonds and sinking funds (hundreds of dollars).						Expenses of debt service.						Value of school property (thousands of dollars).
	School tax rate (mills).		Property assessed (thousands of dollars).	Ratio of valuation to true property value.	School bonds outstanding.	Other forms of debt.	Total amount sinking funds.	Redemption of bonds:			Payment to sinking funds.	Redemption of short term loans.	Payment of interest on indebtedness.	Re-funds.			
	For maintenance.	Total.						From current sinking funds.	From sinking funds.	Issue of new bonds.							
Alabama:																	
Birmingham.....		5.76	10,600	55	12,365	80	1,811		825,000			167,937				1,566	
California:																	
Los Angeles.....	8.84	10.50	528,873	50	79,500		804,000					193,378				17,479	
Oakland.....	9.91	10.71	140,115	50	11,271							6,420	848			6,258	
San Francisco.....	3.20	4.62	554,750	75	51,240		314,800					250,153				12,707	
Colorado:																	
Denver.....		5.000	331,091	100		1,318										4,870	
Connecticut:																	
Bridgeport.....		4.28	195,235	100	15,090											3,791	
New Haven.....		8.00	102,891	100	2,820				44,000			20,320				3,752	
Westville district.....		10.000	8,438	75	1,400		176					3,504				275	
District of Columbia:																	
Washington.....		14.94	414,911	67								432,686	401			13,062	
Georgia:																	
Atlanta.....		14.89	186,434	60	47,250											2,059	
Illinois:																	
Chicago.....		13.40	1,062,960	33	804,862							71,780				71,851	
East St. Louis.....		7.00	252,968	60	21,598				30,760							5,572	
Kentucky:																	
Louisville.....		3.80	220,620	100	9,673											4,047	
Louisiana:																	
New Orleans.....		3.50	337,627	75	11,320											4,318	
Maryland:																	
Baltimore.....		13.07	804,433	100	33,000											6,692	
Massachusetts:																	
Boston.....		4.50	1,495,216	100	150,945	1,111,297	1,446,573		236,500			607,445	20,754			27,670	
Cambridge.....		5.64	132,298	100	14,712											2,484	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	
Fall River	5.39	110,363	70	9,119															2,031
Lowell	5.14	98,880	100	9,630															2,439
Worcester	6.07	186,841	90	19,327															4,101
Michigan																			
Detroit	5.65	1,275,075	70	119,689	17,122	83,000													1,548
Grand Rapids	5.88	172,862	100	13,991															3,870
Minneapolis	13.45	224,000	40	79,945															9,507
St. Paul	8.98	128,602	40	17,960															4,734
Minnesota																			
Kansas City	10.00	217,910	40	71,615	10,478	85,140													10,866
St. Louis	6.20	403,700	67	15,000	500	49,111													18,964
Nebraska																			
Omaha	35.00	49,953	20	29,150	2,327	6,000	92,974	4,253	132,905	1,657									5,690
New Jersey																			
Jersey City	12.00	390,000	80	40,880	13,932														8,042
Newark	9.42	432,629	100	96,362	94,382	142,282	364,811												11,759
Paterson	8.40	113,559	28	26,140	380	54,605													3,908
New York																			
Albany	12.24	110,963	80	11,729															2,605
Buffalo	7.10	850,050	80	18,840															10,381
Cattaraugus	17.10	208,112	100	10,823															137,525
New York City	16.88	2,261,112	88	18,572	4,167	76,600	100,000												4,217
Syracuse	8.07	153,837	88	15,142															3,445
Ohio																			
Cincinnati	4.22	707,000	100	57,737	7,400	4,200	82,092												12,009
Cleveland	6.64	312,817	90	111,600	17,212	160,800													19,815
Columbus	4.06	228,000	100	32,880	4,641														5,000
Dayton	3.82	203,000	75	11,160	4,670	70,000													3,649
Toledo	3.32	329,552	100	26,701															5,880
Oregon																			
Portland	6.50	289,024	70	8,185	2,709	50,000													7,791
Pennsylvania																			
Philadelphia	3.00	1,685,222	95	167,443	3,000	20,694	385,739												38,231
Pittsburgh	8.80	792,943	90	108,720	3,715	318,500													21,438
Scranton	10.00	104,019	75	16,250	841														3,223
Rhode Island																			
Providence	13.98	402,855	100	38,990	14,816	57,360													4,666
Tennessee																			
Memphis	3.90	128,000	60	20,415	2,401	45,000													2,017
Nashville	4.28	66,449	60	11,240	51	11,000													2,168
Virginia																			
Richmond	6.50	158,000	80	22,831															194
Washington																			
Seattle	7.29	230,327	45	62,240	1,994	146,000													8,129
Spokane	8.26	82,269	80	26,650	1,165	135,000													4,006
West Virginia																			
Martinsburg	8.70	539,457	100	45,138	1,990	320,000													7,724

1 Estimated.  
2 Estimated part of city debt service.  
3 Not including Westville district.  
4 City and county.  
5 Included in column 11.

TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP II.—CITIES OF 50,000 TO 100,000 POPULATION.

City.	Taxation.				Bonds and sinking funds (hundreds of dollars).				Expenses of debt service.						Value of school properties (thousands of dollars).	
	School tax rate (mills).		Property assessed (thousands of dollars).	Ratio of assessed value to true property value.	School bonds outstanding.	Other forms of debt.	Total amount in sinking funds.	Redemption of bonds.			Payment to sinking funds.	Redemption of short term loans.	Payment of interest on indebtedness.	Re-funds.		
	For maintenance.	For other purposes.						From sinking funds.	Issue of new bonds.							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Alabama	4.60	0.60	4,004	24,797	60	15,000	140						847,000	\$2,826		586
Albany			2,600	25,178	22	2,260										468
Albany			10.00	40,400	50	4,485			310,500							1,353
Albany			10.41	44,284	60	9,033			86,403							1,662
Albany			12.7	53,937	87	9,160			38,000							1,706
Albany			11.10	60,588	60	8,000	972		31,000							1,991
Albany			7.20	60,602	60	8,110			298,000							1,919
Albany			7.90	20,948	100	2,580	1,180	17	4,000					17,968	\$1,957	852
Albany			4.25	151,436	100	26,560		1,044		\$207,000	\$10,700			102,522		4,319
Albany			2.90	25,669	72	2,260								34,320		1,726
Albany			1.78	200,000	60	18,360		432	40,000		5,000			69,886		1,951
Albany			15.04	87,459	100	3,785	10	623					5,000	16,088		1,270
Albany			7.91	42,328	93	10,000	1,850	618					15,000	60,375		1,203
Albany			3.00	26,203	50	3,627	49,770	581	70,000	12,500	14,000	72,354	15,000	49,034	40,000	1,130
Albany			7.00	26,844	60	800	1,400		10,000					9,142		1,026
Albany			2.10	47,770	60	278								7,440		580
Albany			4.53	64,000	60	630										780
Albany			20.00	10,715	20	4,939		1,112				36,250		21,248	12,343	1,238

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	21.00	10.00	30.00	14,968	23	6,938	560	612	37,000	91,663	84,931	1,766
East St. Louis	17.50	8.00	20.50	13,660	20	5,280	285	2,666	16,870	26,375	6,762	1,255
Indianapolis	14.70	8.50	20.33	28,062	33	11,700	4,438	428	12,000	724	26,375	2,474
Evansville	15.00	15.00	20.00	16,269	20	5,610	583	1,871	59,875	21,602	3,000	1,006
Fort Wayne	8.00	5.00	10.00	47,000	60	6,817	285	507	15,000	12,260	2,191	2,191
South Bend	7.80	1.40	11.00	42,835	30	5,880	1,005	7,280	23,000	37,041	21,833	1,687
Terre Haute	8.00	2.40	10.40	40,000	80	6,960	1,005	18,000	19,000	4,000	1,807	1,807
Cedar Rapids	20.40	4.00	44.20	10,005	25	3,800	583	48,000	48,000	22,698	1,284	1,284
Davenport	21.18	1.00	20.50	12,322	20	7,480	507	25,000	25,000	34,603	4,805	4,805
Des Moines	21.18	1.00	20.50	12,322	20	7,480	507	18,000	18,000	27,508	4,443	4,443
St. Louis	42.80	1.00	42.80	15,362	25	4,740	246	616	29,359	29,359	1,028	1,028
Kansas City	6.00	2.00	8.00	101,214	100	8,615	308	308	11,000	44,664	44,664	1,801
Topeka	7.00	1.50	8.50	63,108	100	4,377	1,148	666	39,323	18,316	1,222	1,222
Wichita	6.00	2.50	8.50	80,000	100	4,860	613	41,000	298	21,600	1,205	1,205
Covington	4.00	1.00	5.00	31,000	80	1,532	300	600	12,099	4,698	909	909
Leavenworth	4.50	1.50	5.50	29,832	80	1,360	212	100	6,440	4,122	654	654
Newport	2.50	1.00	4.00	16,000	80	1,622	280	100	2,460	2,460	490	490
Portland	7.50	0.85	2.82	76,927	80	10,130	2,666	25,000	27,007	48,847	1,539	1,539
Brockton	6.06	2.00	7.15	32,064	100	2,500	1,871	4,500	10,000	10,000	1,230	1,230
Fitchburg	6.14	1.10	6.14	47,650	100	6,612	1,811	109,000	19,267	19,267	1,099	1,099
Haverhill	5.06	1.10	5.06	84,103	100	5,910	3,110	74,000	4,770	46,714	1,469	1,469
Holyoke	5.50	1.10	5.50	97,626	100	6,160	1,960	28,700	7,892	7,892	3,061	3,061
Lowell	7.41	1.10	7.41	40,678	100	17,840	108,000	99,000	19,500	28,413	2,019	2,019
Mendon	6.06	1.10	6.06	75,121	100	6,773	2,994	85,000	57,000	20,458	2,024	2,024
New Bedford	6.41	1.10	6.41	41,000	100	3,820	75,897	44,000	36,300	15,289	1,179	1,179
Newton	6.16	1.10	6.16	57,413	100	4,945	4,945	125,200	21,072	119,570	1,265	1,265
Firstfield	5.31	2.97	7.60	201,787	100	28,687	6,503	370,000	25,000	15,179	2,071	2,071
Quincy	7.60	2.97	8.25	26,458	100	3,938	250	21,072	3,938	4,950	6,842	6,842
Salem	6.06	2.97	8.25	28,000	77	1,070	250	25,000	25,000	3,000	1,375	1,375
Somerville	6.06	2.97	8.25	25,344	80	1,700	250	25,000	25,000	3,000	1,375	1,375
Springfield	6.06	2.97	8.25	25,344	80	1,700	250	25,000	25,000	3,000	1,375	1,375
Fairfax	6.06	2.97	8.25	25,344	80	1,700	250	25,000	25,000	3,000	1,375	1,375
Worcester	6.06	2.97	8.25	25,344	80	1,700	250	25,000	25,000	3,000	1,375	1,375

1 Estimated.  
 2 Of this rate 9.41 mills is levied on \$38,453,278, the county valuation of city property.  
 3 Of this rate 3.33 mills is levied on \$60,704,160, the county valuation of city property.  
 4 Of this amount \$415,000 is a charge against the sinking fund of the city.



BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP II.—CITIES OF 80,000 TO 100,000 POPULATION—Continued.

Cities	Taxation.				Bonds and sinking funds (hundreds of dollars).				Expenses of debt service.				Value of school properties (thousands of dollars).		
	School tax rate (mills).		Property assessed (thousands of dollars).	Ratio of assessed value to true property value.	School bonds outstanding.	Other forms of debt.	Total amount in sinking funds.	Redemption of bonds.		Payment to sinking funds.	Redemption of short term loans.	Payment of interest on indebtedness.		Re-funds.	
	For maintenance.	For other purposes.						From current funds.	From sinking funds.						Issue of new bonds.
1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Michigan—Continued.															
Flint.....		5.83	60,769	75	7,650	1,500	280	42,755				\$55,000	\$70,080	\$272	1,570
Jackson.....		7.08	32,935	75	3,980		77	25,000					23,410		1,448
Kalamazoo.....		6.43	37,703	67	3,860			25,000					2,066		1,034
Saginaw.....	6.05	14.40	47,671	67	500			680		4,800				19	890
East side.....	5.87		31,361	100											986
West side.....	7.49		16,382	67	200			5,000					1,020	314	539
Minnesota.....															
Duluth.....	11.03	2.61	65,287	33	16,410		1,757		\$30,000				81,905		3,984
Missouri.....															
St. Joseph.....	10.00	6.00	20,000	70	4,610										1,003
Springfield.....	10.00	6.00	46,387	40	18,049		6		7,000				900		2,200
Montana.....															
Butte.....	12.00	.80	19,000	50	2,300		38		28,000				11,729		1,886
Nebraska.....															
New Hampshire.....															
Manchester.....	5.30		12,794	20	4,629										1,178
New York.....															
Albany City.....	5.30		79,580	100	2,982			15,000					12,130		1,168
Albany.....	15.50		99,554	100	14,520										2,028
Bayonne.....	9.00		68,485	100	15,725				49,075				76,781		2,301
Camden.....	7.03		85,409	100	12,483										1,700
East Orange.....	7.20		56,926	100	12,640		2,363						52,355		1,790
Elizabeth.....	5.20		77,514	100	13,029				22,769				57,044		3,178
Hoboken.....	17.11		79,745	100	20,730								57,248		2,044
Pasaic.....	8.55		52,084	100	10,763				5,000				53,828		1,325
Perth Amboy.....	5.08	3.47	26,776	100	8,084								34,060		1,033

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	5.70	3.71	9.41	92,208	100	15,404	10,500	41,407	2,000	64,414	2,007
Trenton	10.61	10.14	10.14	26,421	100	4,775	10,500	41,407	2,000	64,414	2,007
West Hoboken	9.19	8.04	9.19	17,493	50	2,519	6,000	9,071	2,000	9,071	575
Amsterdam	8.04	7.67	8.04	22,230	81	2,540	10,000	2,200	6,333	2,200	782
Albany	12.61	11.64	12.61	42,232	80	12,700	36,800	7,408	7,408	7,408	1,981
Elmhurst	11.64	11.64	11.64	32,547	85	4,040	35,000	45,589	45,589	45,589	1,113
Jamestown	3.39	3.39	3.39	41,443	68	10,370	5,000	20,817	20,817	20,817	827
Mount Vernon	6.40	2.13	6.40	83,410	100	4,774	85,528	75,209	75,209	75,209	2,480
Saugerties	1.32	6.14	7.46	61,195	94	5,297	47,562	25,198	25,198	25,198	1,376
Union dist.	9.14	10.98	9.14	8,056	80	1,270	3,000	5,525	5,525	5,525	409
Trenton dist.	10.98	7.27	10.98	63,949	65	9,778	76,620	45,511	45,511	45,511	2,463
Yonkers	3.00	1.22	3.00	145,253	100	2,769	80,000	92,884	92,884	92,884	3,422
North Carolina	3.80	.80	3.80	25,662	30	2,400	76,604	3,375	3,375	3,375	332
Charlotte	4.71	1.24	4.71	230,465	100	28,420	10,000	115,107	115,107	115,107	6,432
Alton	3.60	1.12	3.60	100,500	80	18,100	10,000	27,000	27,000	27,000	2,825
Camden	4.30	4.30	4.30	60,000	100	6,060	84	20,038	20,038	20,038	871
Roseland	15.77	45,037	100	6,557	100	6,200	298,800	75,775	75,775	75,775	1,711
Alton	4.70	74,609	100	17,800	90	17,800	8,000	51,422	51,422	51,422	3,154
Springfield	5.45	.05	5.45	196,053	90	17,800	8,000	85,754	85,754	85,754	2,625
Yonkers	8.79	3.91	8.79	77,379	100	19,157	7,675	17,789	17,789	17,789	2,628
Oklahoma	10.00	10.00	10.00	59,000	75	13,750	29,325	155,620	155,620	155,620	1,241
Albany	10.00	10.00	10.00	29,139	50	6,955	90,968	23,100	23,100	23,100	1,039
Albany	10.00	10.00	10.00	22,300	50	6,302	50,000	46,038	46,038	46,038	3,051
Albany	10.00	10.00	10.00	54,422	46	9,015	130,000	77,422	77,422	77,422	1,892
Albany	11.50	11.50	11.50	55,500	75	12,085	27,500	46,267	46,267	46,267	5,866
Albany	9.25	4.0	9.25	18,700	80	3,840	6,500	35,000	35,000	35,000	752
Albany	8.20	1.80	8.20	54,000	80	7,110	55,000	24,012	24,012	24,012	1,809
Albany	10.00	10.00	10.00	29,700	60	284	10,000	23,580	23,580	23,580	1,374
Albany	12.50	2.00	12.50	26,870	50	5,680	17,000	52,960	52,960	52,960	1,967
Albany	6.00	6.00	6.00	22,458	50	4,000	26,000	23,213	23,213	23,213	1,272
Albany	7.50	7.50	7.50	65,745	75	6,643	500	44,624	44,624	44,624	1,967
Albany	12.00	14,024	100	78,110	50	2,000	49,060	13,128	13,128	13,128	1,280
Albany	8.00	8.00	8.00	16,024	75	3,200	24,000	10,630	10,630	10,630	440
Albany	7.00	1.00	7.00	37,000	75	3,200	50	13,972	13,972	13,972	1,864
Albany	15.50	4.50	15.50	79,057	100	9,960	633	10,630	10,630	10,630	900
Albany	4.00	.50	4.00	37,945	100	2,470	200	13,972	13,972	13,972	1,105
Albany	8.00	8.00	8.00	23,000	42	200					
Albany	14.80	10.80	14.80	37,500	30	3,020					
Albany	10.80	10.80	10.80	44,000	60	2,620					

1 Estimated.



TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

City	Taxation.			Ratio of assessed valuation to property value.			Bonds and sinking funds (hundreds of dollars).			Expenses of debt service.						Value of school property (thousands of dollars).
	School tax rate (mills).			Property assessed (thousands of dollars).	Ratio of assessed valuation to property value.	School bonds outstanding.	Other forms of debt.	Total amount sinking funds.	Redemption of bonds.			Pay-ment of interest on indebtedness.	Re-demption of short term loans.	Pay-ment to sinking funds.		
	For maintenance.	For other purposes.	Total.						From current funds.	From sinking funds.	Issued of new bonds.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Texas:																
Dallas.....	3.90	1.04	4.94	166,000	80	15,750	980	1,992						864	8243	2,468
El Paso.....	4.09	1.25	5.34	64,522	60	12,860	980	1,992						60,186	62	1,539
Fort Worth.....	3.75	1.25	5.00	44,128	50	12,940	980	1,992						39,696		2,191
San Antonio.....	2.90	.60	3.50	116,200	75	1,100		166						11,613		8,824
San Antonio.....	4.20	.60	4.80	116,200	75	12,100		1,783						87,700	175	2,412
San Antonio.....	4.04	1.00	5.04	173,000	100	17,140		350						74,826	2,974	3,843
Virginia:																
Norfolk.....	3.42	.....	.....	99,465	75	8,539		.....						.....	.....	1,581
Potomac.....	6.50	.....	.....	15,780	60	1,884		.....						.....	.....	413
Washington.....	3.00	.....	.....	34,783	50	2,260		.....						.....	.....	579
West Virginia:																
Petersburg.....	3.20	3.00	6.20	57,346	80	9,000	1,209	919						40,308	47,246	3,334
Huntington.....	4.80	4.20	9.00	144,762	100	9,240		966						.....	44,860	1,202
Wheeling.....	4.80	.....	.....	11,151	75	1,600		.....						.....	6,525	1,268
West Virginia:																
La Crosse.....	5.00	.....	.....	26,452	80	1,610		.....						.....	.....	637
Madison.....	5.40	.....	.....	27,812	67	2,341		.....						.....	.....	1,229
Madison.....	6.26	.....	.....	27,812	61	2,370		.....						.....	.....	1,229
Superior.....	12.75	.....	.....	44,653	75	4,556		.....						29,000	1,300	1,148

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

State	City	Pop.	Enroll.	Per cent	Per pupil	Per cent	Per pupil	Per cent	Per pupil	Per cent	Per pupil	Per cent	Per pupil	Per cent	Per pupil	Per cent	Per pupil	Per cent	Per pupil	Per cent	Per pupil	Per cent	Per pupil	Per cent	Per pupil
Alabama	Montgomery	10,000	50	112																					
Arizona	Phoenix	30,000	100	770	18,000	60.0	4.70	240	4,700	15.7	1,080	36.0	4,400	14.7	23,884	79.6	843								
California	San Francisco	15,509	83	600	6,000	38.7	2,800		7,000	44.5					12,500	77.4	600								
California	San Jose	23,333	70	563	23,333	100.0	5,124		28,346	121.5					43,021	184.3	563								
California	San Diego	10,731	60	377	6,794	63.3	1,940	48	3,410	31.8					16,000	149.1	377								
California	San Bernardino	27,078	80	1,177	32,437	119.6	6,000		10,000	37.0					30,500	112.7	1,177								
California	San Luis Obispo	7,451	30	486	7,451	100.0	1,800		8,378	111.8					6,123	82.2	486								
California	San Bernardino	10,163	33	445	7,651	75.3	4,146		8,000	78.7					19,780	193.6	445								
California	San Diego	23,255	80	1,019	23,255	100.0	2,431	122,814	21,600	92.9					12,350	53.1	1,019								
California	San Bernardino	10,500	67	1,388	10,500	100.0	6,670		2,000	19.0					34,730	326.0	1,388								
California	San Bernardino	5,499	80	178	5,499	100.0	460		2,000	36.4					2,300	41.8	178								
Colorado	Colorado Springs	38,502	100	1,069	38,502	100.0	4,210	17	16,070	41.7					21,824	56.7	1,069								
Colorado	Trinidad	3,547	100	399	3,547	100.0	450	6	5,000	141.2					2,228	62.9	399								
Colorado	Trinidad	9,418	100	399	9,418	100.0	1,820		5,000	53.1					8,809	93.5	399								
Connecticut	Ansonia	14,000	80	275	14,000	100.0	310		19,000	135.7					10,308	73.6	275								
Connecticut	Danbury	12,780	87	345	12,780	100.0	67		19,000	148.7					10,308	80.6	345								
Connecticut	Greenwich	44,600	80	632	44,600	100.0	2,101		19,000	42.6					10,308	23.1	632								
Connecticut	Manchester	11,205	100	132	11,205	100.0	1,173		7,500	66.9					5,419	48.3	132								
Connecticut	Middletown	20,523	73	616	20,523	100.0	40		2,000	9.7					17,060	83.1	616								
Connecticut	New Britain	25,128	100	890	25,128	100.0	4,500	101	2,000	7.9					3,268	12.9	890								
Connecticut	Norwalk	19,209	73	422	19,209	100.0	2,700	50	5,000	26.0					2,713	14.1	422								
Connecticut	North Manchester	18,000	100	173	18,000	100.0	350	12	5,000	27.8					1,608	8.9	173								
Connecticut	Stamford	48,934	100	467	48,934	100.0	3,311		7,675	15.7					12,839	26.2	467								
Connecticut	Torrington	19,822	100	178	19,822	100.0	3,311		7,675	38.7					1,740	8.8	178								
Connecticut	Wallingford	11,000	100	467	11,000	100.0	3,311		7,675	69.8					12,839	116.7	467								
Connecticut	Windham	15,000	80	386	15,000	100.0	3,311		7,675	51.2					12,839	85.6	386								
Georgia	Athens	10,000	67	123	10,000	100.0	500		9,000	90.0					123	1.2	123								
Georgia	Brunswick	3,88	67	123	3,88	100.0	3.88		9,000	234.5					123	32.2	123								

<sup>12</sup> Not including District No. 1.

<sup>11</sup> County school sinking fund.

<sup>1</sup> Estimated.



TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued:

Cities.	Taxation.				Bonds and sinking funds (hundreds of dollars).					Expenses of debt service.						Value of school property at the close of the year (thousands of dollars).
	School tax rate (mills).		Property assessed (thousands of dollars).	Ratio of value to true property value.	School bonds outstanding.	Other forms of debt.	Total amount in sinking funds.	Redemption of bonds.			Pay- ment to sinking funds.	Re- demption of short term loans.	Pay- ment of interest on indebtedness.	Re- mtds.		
	For main- tenance.	For other purposes.						From cur- rent funds.	From sink- ing funds.	Issue of new bonds.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Georgia—Continued.</b>																
Columbus.....	3.00	.50	3.50	25,000	70											443
Rome.....	2.50	.....	2.50	10,000	100											111
Waynes.....	4.25	.....	4.25	6,500	60	250		70								175
Alabama.....	8.00	.....	8.00	19,000	100	4,080								\$41,065	\$1,485	653
<b>Illinois:</b>																
Alton.....	20.00	8.80	28.80	4,752	14	180			\$4,630	\$1,730						392
Amory.....	13.50	13.40	26.90	2,433	33	2,150			10,000					8,300		772
East side, with add.	18.00	.....	18.00	4,743	33	1,845			5,000					6,100		365
Peabody.....	15.40	3.50	18.90	4,743	33	645								2,600		291
Channahon.....	17.50	2.80	20.30	4,303	60	200		200		4,000				1,904		413
Chicago.....	15.00	13.60	28.60	2,635	33	2,090			5,000					9,475		343
Chicago Heights.....	15.00	15.00	30.00	5,668	10	1,000		2,781	21,300					4,890		200
Clearo.....	14.80	14.80	29.60	7,190	33	1,970		731	20,000					10,065		645
Danville.....	15.00	15.00	30.00	9,286	33	700			30,000					4,219	17	742
<b>Evansville:</b>																
District No. 75.....	18.00	4.60	22.60	9,999	33	1,680		150	12,500					8,977		672
District No. 76.....	16.20	6.10	22.30	4,078	33	1,225			5,000				\$819	5,855		355
Freeport.....	17.00	4.70	21.70	5,547	33	720		108	7,000					3,245	74	346
Galesburg.....	8.00	15.00	23.00	7,535	33									701		530
Jacksonville.....	15.00	4.70	19.70	4,403	33	282		90	4,000					838		375
Sanitree.....	22.50	.....	22.50	4,533	33	580		8	3,000			881		2,508		160
La Salle.....	15.00	3.70	18.70	2,428	33	580								2,508		232
Lincoln.....	27.00	.....	27.00	2,040	33											383
Mattoon.....	10.00	20.00	30.00	2,400	30	1,150								30,000		4,735

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Madison	15.00	30.00	7,102	33	2,810	200	20,000	2,417	7,713	919
Oak Park	20.00	40.00	9,483	50	4,581	15,000		2,417	17,435	1,131
Rock Island	15.00	29.60	7,102	17	2,004	5,000			9,016	886
Streator	14.80	27.00	3,101	20	1,469	7,500			3,750	350
Waukegan	5.40	3,672	1,469	33	1,760	11,000			6,742	499
Illinois:										
East Chicago	14.50	18.50	16,088	20	1,760	48	20,000		8,605	885
Elmhurst	14.50	14.00	1,400	25	600	158	2,000	15,464	5,915	600
Elwood	15.00	15.00	1,400	25	600	158	2,000	4,250	5,915	600
Gary	15.70	2.50	28,500	20	4,440	215	35,300	21,681	12,473	1,138
Hammond	15.10	18.40	57,301	35	1,140	518	6,000		7,473	1,200
Huntington	15.20	1.00	6,130	33	1,300	100	10,000		2,348	375
Jacksonville	9.60	9.70	4,150	50	1,600	92		35,875	3,664	530
Kokomo	9.60	2.40	11,048	25	1,600	143	10,500		2,100	640
Lepore	6.00	13.00	6,750	50	420				2,100	260
Ligonport	10.00	1.40	10,247	50	1,686	165	12,500		7,842	478
Michigan City	12.50	2.30	7,452	40	1,275				6,044	325
Mishawaka	9.30	2.30	11,601	45	2,605		8,184		2,341	440
Monroe	2.90	10.15	18,000	45	2,600	18	25,000		2,341	772
New Albany	3.70	6.60	16,358	75	570	225			1,940	421
Peru	14.10	16.60	4,284	30	1,000				7,785	253
Richmond	9.50	17,809	1,770	30	1,770	79	10,846		(*)	673
Vincennes	12.10	9,086	1,770	30	1,770				(*)	527
Iowa:										
Boone	41.00	53.48	1,452	25	1,500		197,400		6,840	415
Burlington	41.00	47.00	19,572	25	1,904				9,222	598
Clinton	46.80	3,120	3,120	25	1,904			2,120	1,472	360
Council Bluffs	20.30	52.60	5,855	25	1,800	5,000			7,970	414
Iowa City	5.00	25.30	4,953	15	2,850	6,000			14,135	661
Kokrik	27.00	3,145	3,145	23	950	9,000		13,000	5,320	304
Marshalltown	33.00	4.45	4,455	25	1,200				6,000	420
Mason City	60.00	4,000	4,000	13	5,825				26,105	1,115
Muscatine	33.00	3.50	2,702	25	1,250				5,825	398
Ottumwa	43.80	47.80	6,265	25	1,800	74	7,000		5,629	519
Winterset	43.00	43.00	5,137	25	4,870		18,000		15,794	860
Kansas:										
Atchison	4.39	4.81	15,616	33	1,180	83		3,561	5,250	414
Chaneyville	8.40	9.18	12,494	33	1,560	164	3,002		6,632	327
Fert Scott	6.30	1.75	9,177	70	2,750	366	1,000		4,102	371
Harrison	6.30	7.80	24,472	100	3,755				17,331	710
Independence	6.50	7.60	16,685	100	1,180	9,000			3,538	250
Layman	5.60	8.00	16,386	100	1,415	280	4,000	17,668	6,701	294
Lawrence	7.10	9.50	13,310	100	380		9,000		2,750	335
Pittsburg	6.75	8.38	13,635	70	850	53	11,000	9,128	4,328	301
Kentucky:										
Panama	5.00	5.00	5,179	85						180
Frankfort	5.00	5.00	8,000	80						260
Franklin	5.00	5.00	9,151	80						414
Owensboro	4.00	4.00	13,000	60	20	6			748	370

\* Included in column 11.

TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

City.	Taxation.				Bonds and sinking funds (hundreds of dollars).				Expenses of debt service.						Value of school properties (thousands of dollars).	
	School tax rate (mills).		Property assessed (thousands of dollars).	Ratio of assessed value to true property value.	School bonds outstanding.	Other forms of debt.	Total amount in sinking funds.	Redemption of bonds.			Pay- ment of interest on indebtedness.	Re- demp- tion of short term loans.	Pay- ment of interest on bonds.			
	For main- tenance.	For other pur- poses.						From cur- rent sinking funds.	From sinking funds.	Issue of new bonds.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Alabama	7.00	8.00	10.00	13,987	25											600
Albany	3.00	1.50	4.50	6,130	80											190
Albany	3.00	1.50	4.50	48,000		2,170			23,000					3058		535
Albany	4.25			13,008	75	1,250										588
Albany	2.50			10,283	100											216
Albany	5.46			19,844	60											312
Albany	6.20			9,709	67											266
Albany																406
Albany																202
Albany																227
Albany																563
Albany																500
Albany																643
Albany																679
Albany																802
Albany																368
Albany																359
Albany																500
Albany																155
Albany																903
Albany																168
Albany																1,431
Albany																648
Albany																794

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

671

City	1917	1918	1917-18	1918-19	Total	Per Capita	Per Child	Per \$100	Per \$1,000	Total	Per Child	Per \$100	Per \$1,000
Alford	6.83	10,251	100										
Newburyport	5.27	11,329	100										
North Adams	7.75	15,218	101										
Northampton	6.15	18,496	80										
Northampton	5.28	24,057	100										
Peabody	7.04	17,496	100										
Plymouth	7.27	24,684	100	3,214									
Revere	7.80	13,940	100										
Westbury	7.78	21,452	100										
Westfield	5.15	24,281	100										
Webster	8.50	6,434	80										
Westfield	9.08	12,765	100										
Weymouth	6.81	13,045	100	720									
Winthrop	5.67	17,359	100										
Woburn	6.76	14,159	100	671									
Michigan													
Auburn	5.30	12,000	100	300									
Alpena	17.00	7,845	100										
Ann Arbor	4.96	30,018	100	2,110									
Battle Creek	6.72	42,600	100										
Bay City		5,000	90										
Bellport	4.37	11,452	100	750									
Brownwood	7.86	25,841	100										
Charlevoix	9.47	6,496	72										
Manistee	6.71	11,048	100	300									
Marquette	23.22	25,045	100	2,766									
Marquette	11.67	25,312	100	4,900									
Marquette	5.15	19,373	100	1,500									
Port Huron	7.50	15,650	100	1,300									
Sault Ste. Marie	6.80	7,756	100										
Minnesota													
Marquette	14.00	5,247	39	600									
St. Cloud	21.30	4,952	89	3,080									
Stillwater	14.60	2,753	40	800									
Virginia	7.70	43,040	40										
Winona	13.00	7,100	60	1,320									
Mississippi		14,500	70	1,300									
Vicksburg	3.50	11,353											
Missouri													
Harrison	13.50	5,994	40	1,520									
Jefferson City	10.00	8,500	70	1,825									
Moberly	10.00	3,225	25	1,420									
Osage	10.00	5,251	33	2,100									
Osage	15.00	2,926	30	1,320									
Montana													
Great Falls	13.00	25,965	50	5,350									
Helena	15.50	13,558	50	3,130									
Missoula	11.75	9,120	30	1,720									

1 Estimated.

TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

Cities	Taxation.			Bonds and sinking funds (hundreds of dollars).				Expenses of debt service.						Value of school properties (thousands of dollars).			
	School tax rate (mills).		Property assessed value (thousands of dollars).	Ratio of assessed value to true property value.	School bonds outstanding.	Other forms of debt.	Total amount in sinking funds.	Redemption of bonds.			Pay- ment to sinking funds.	Re- demp- tion of term loans.	Pay- ment of interest on in- debtedness.		Re- funds.		
	For main- tenance.	For other purposes.						Total.	From current funds.	From sinking funds.						Issue of new bonds.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17.	
<b>Nebraska:</b>																	
Grand Island.....			46.00	2,700	20	750											\$340
<b>New Hampshire:</b>																	
Chatham.....	9.14		4.76	11,540	90	195											221
Dover.....	8.00	2.00	9.14	18,707	100	550											621
Keene.....			3.72	13,228	100	1,280											264
Portsmouth.....			10.00	11,000	100	1,320	58										326
<b>New Jersey:</b>																	
Bloomfield.....	6.00	2.00	8.37	18,620	80	5,075											429
Bridgeton.....			8.00	8,564	60	432											203
Georgetown.....			13.02	12,668	50	7,308											879
Hackensack.....			12.87	16,038	100	3,967											877
Irrington.....			5.67	17,181	75	3,967	55										526
<b>New York:</b>																	
Kearny (P. O., AF-Region).....			8.37	24,550	75	5,985	612										710
Long Branch.....			8.40	17,288	90	1,602											589
Marble Cliff.....			11.20	17,288	90	1,602											218
Manhasset.....	5.20	2.60	7.80	49,533	100	19,335											2,201
New Brunswick.....			14.80	23,279	90	4,650											532
Newburgh.....			5.80	12,410	90	1,039											213
Poughkeepsie.....			7.10	33,861	70	6,360	100										212
Washawton.....	8.00	1.52	9.52	24,000	60	5,835											306
West Orange.....			12.50	16,000	50	3,822											763
<b>New Mexico:</b>																	
Albuquerque.....	6.00	2.00	8.00	15,746	100	2,340	179										339
<b>New York:</b>																	
Bethaia.....	6.30		6.30	13,921	80	210											175

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

678

System	6.50	12,530	75	526	4,445	21,150	4,128	115
Beacon	6.00	6,943	85	545	2,000	21,150	2,364	142
Canaan	12.00	2,920	75	618	3,000	2,250	2,250	130
District No. 9	5.50	9,500	75	945	11,000	2,780	8117	171
District No. 13	13.50	10,971	70	1,500	11,000	7,160	2,287	391
Canterbury	8.47	7,085	55	654	3,530	42,504	2,288	206
Canterbury	6.00	10,377	80	1,240	9,000	26,700	6,261	286
Canterbury	10.00	19,577	100	1,870	9,000	46,600	8,403	746
Canterbury	11.25	8,103	70	1,300	2,000	1,321	6	214
Canterbury	12.50	8,288	70	1,350	2,000	6,368	3,220	223
Canterbury	15.00	16,200	75	1,350	4,000	10,000	1,215	265
Canterbury	18.00	4,144	50	670	6,500	3,222	672	359
Canterbury	9.97	25,998	80	2,650	20,000	12,322	12,322	672
Canterbury	6.55	14,256	67	874	8,423	3,713	44	218
Canterbury	8.78	7,750	70	670	4,000	4,422	5	283
Canterbury	10.25	11,215	67	273	5,000	1,133	1,390	368
Canterbury	12.24	8,823	42	273	5,000	10,004	33,470	573
Canterbury	17.00	14,818	55	2,440	32,000	6,554	64	381
Canterbury	3.49	67,026	100	7,645	6,000	7,500	82,900	674
Canterbury	3.47	11,119	95	1,510	5,000	8,706	8,634	1,380
Canterbury	6.70	6,456	60	1,580	5,000	8,634	8,634	300
Canterbury	8.65	6,456	60	1,580	5,000	8,634	8,634	300
Canterbury	12.41	11,456	60	1,580	5,000	8,634	8,634	300
Canterbury	8.65	10,714	100	1,970	4,500	3,500	6,014	266
Canterbury	7.00	14,000	78	180	5,000	6,014	6,014	266
District No. 7	10.23	3,598	60	1,455	3,000	3,500	6,014	266
District No. 8	2.00	3,940	33	1,000	7,000	6,014	6,014	266
Flatbush	17.00	3,940	33	1,000	7,000	6,014	6,014	266
Fort Chester	15.06	10,709	71	3,080	20,000	14,000	13,070	500
Froughsopale	6.40	27,831	80	4,150	1,000	18,627	18,627	840
Greenbush	8.94	6,508	75	1,174	4,000	2,220	2,220	200
Greenbush	13.57	8,882	50	1,802	10,750	6,818	6,818	359
Greenbush	8.89	8,832	70	300	3,000	1,435	1,435	338
Greenbush	8.80	21,000	80	3,353	3,000	13,188	13,188	1,116
Greenbush	7.78	2,898	70	2,898	31,500	2,475	2,475	801
Greenbush	5.50	19,085	90	4,285	0	25,556	3,595	594
Greenbush	2.60	26,800	60	2,480	0	1,319	11,765	412
Greenbush	4.15	25,000	35	1,700	100	6,300	6,300	199
Greenbush	22.10	8,181	25	1,450	7	15,000	5,000	223
Greenbush	5.86	30,000	75	5,300	400	4,800	4,800	750
Greenbush	5.43	16,100	90	1,600	15,000	6,615	6,615	424

13 Town fund. No separate school fund.

1 Estimated.

59873-21-13





TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 20,000 POPULATION—Continued.

City	Taxation.				Ratio of assessed valuation to property value.	Bonds and sinking funds (Hundreds of dollars).			Expenses of debt service.						Value of school properties (thousands of dollars).	
	School tax rate (mills).		Property assessed (Thousands of dollars).	Total.		School bonds outstanding.	Other forms of debt.	Total amount in sinking funds.	Redemption of bonds.		Pay- ment to sinking funds.	Re- demp- tion of short term loans.	Pay- ment of interest on in- debted- ness.	Re- funds.		
	For maintenance.	For other purposes.							From current sinking funds.	Issue of new bonds.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other—Continued.																
Chattanooga	1.50	3.52	5.02	20,000	100	1,600				\$11,000		\$11,000	\$88,500	\$1,441		732
East Liverpool	3.62	.78	4.40	29,736	80	3,760	375		87,500			16,970		16,970		800
Evans			4.70	33,911	100	4,285	500	52	11,500			22,479		22,479		766
Findlay	1.52	.68	2.20	54,000	80	3,220	188	17		32,000		18,061	28,800	18,061	\$2,863	574
London			5.53	17,000	100	1,700					\$167	2,040	11,000	2,040		410
Lakewood	3.86	2.58	7.84	46,708	67	17,660		832	19,000	20,000		10,000		65,318		3,006
Lansford	3.20		4.20	17,909	80	2,500						22,642		22,642		961
Lorain	4.50	.25	4.75	51,000	64	4,770	314	5,084	33,000			1,880		1,880		1,000
Marion	4.66	1.28	4.84	31,994	83	2,280	280	23	4,000			24,343	58,800	24,343		268
Mason	3.70	.88	4.58	32,120	80	5,155			16,500			9,041	68,800	9,041		500
Massillon	1.01	4.08	5.09	10,616	70	1,738	886	124	14,000	14,000		12,847	56,500	12,847		348
Newark	4.00	1.00	5.00	40,000	100	1,015			18,500			48,842		48,842		1,021
Northwood	3.28	.52	4.10	15,000	100	1,500		116		7,000		3,800		3,800		284
Piquette			4.40	40,000	100	3,970		180		8,000		17,776	77,860	17,776		240
Richwood			4.80	34,381	100	3,245	62	680				46,598	16,156	46,598		669
Union			8.00	8,102	80	2,320				25,302						408
Wesley	10.00	1.80	11.80	6,102	100	1,000		1,320		5,000		5,000		5,000		719
Wilmington	6.85	2.65	9.50	25,446	90	7,600	2,781					34,960		34,960		854
Windsor	10.50	5.00	15.10	7,554	83	3,886		28				182,337		17,003		467
Yates	8.70	3.40	12.10	46,748	75	1,216		581		200,000				68,700		1,833
Other—			7.30	12,000	68	1,210	365						64,000	7,203		418
Franklin			17.00	6,176	50	945	780	84	3,500			1,477	34,500	4,531		369
Forest Park			22.00	1,379	50	234	44		2,000				0,332	1,567		124

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Bradford	10.00	12,900	67	2,300	100	6,000	8,502	10,000	14,653	605
Bradford	16.00	5,358	50	715	150	6,000	8,502	10,000	14,653	309
Butler	13.00	10,642	53	8,180	225	19,008	19,008	15,000	9,320	766
Carbondale	10.00	9,963	100	2,380	225	109	19,008	10,000	4,234	416
Charlottesville	8.00	4,782	70	1,020	100	4,000	8,000	5,000	552	198
Chatham	9.00	5,800	67	1,180	100	2,000	4,186	5,000	86	395
Clinton	8.00	3,500	60	1,500	100	6,000	6,000	13,050	2,052	186
Conover	8.00	15,753	80	2,870	8	6,000	12,000	130,900	96	416
Durham	10.00	19,515	80	4,985	1,285	694	27,500	19,000	16,932	1,025
Greensboro	8.00	11,289	65	4,850	121	751	160,000	10,000	7,790	175
Hickory	12.00	10,469	80	4,300	453	1,888	9,475	13,000	10,792	728
Lebanon	7.00	16,000	75	3,030	70	3,500	11,000	3,000	5,942	248
McKenney	10.00	8,003	80	1,850	30	1,800	3,000	4,000	5,000	417
McKenney City	25.00	2,178	20	1,410	30	3,500	6,000	21,135	8,063	265
Meayville	14.50	5,896	40	965	20	11,000	9,000	35,000	14,648	510
Monroe	16.50	7,210	55	4,120	60	11,000	17,901	25,000	14,562	523
Monterey	19.00	3,278	80	1,865	60	9,000	2,359	3,463	1,216	587
Monticello	10.00	14,454	100	2,800	300	738	9,200	12,209	1,004	790
Northampton	9.00	13,549	60	3,235	233	195	4,500	17,600	9,000	228
Northampton	8.00	3,340	60	934	100	195	9,200	7,100	6,880	197
Palmyra	9.00	9,320	70	2,370	259	600	6,000	10,122	3,463	535
Plymouth	8.00	3,776	80	735	58	73	9,200	17,600	5,028	445
Portsmouth	9.00	10,000	60	1,000	58	73	7,100	7,100	9,000	411
Roseville	10.50	6,044	35	2,764	144	4,115	20,000	39,000	10,122	416
Sharon	15.00	7,989	40	2,780	38	20,000	11,000	26,000	9,166	890
Shaw	25.00	3,298	20	1,530	600	80	4,000	9,618	7,481	414
Shawboro	19.00	5,894	60	2,350	161	7,000	18,715	26,000	10,015	215
Warren	12.00	11,101	70	2,048	221	11,000	7,602	9,166	9,166	550
Washington	8.00	9,428	90	2,175	40	6,400	4,000	9,618	34,880	980
West Chester	10.00	23,800	80	8,710	306	19,000	279	5,000	689	1,171
Wilmington	7.70	2,300	67	1,489	14	14,899	3,000	10,980	6,110	257
Rhode Island:										
Central Falls	4.40	14,899	67	1,489	14	14,899	3,000	10,980	6,110	257
Providence	17.70	26,779	100	2,865	14	3,513	3,000	10,980	6,110	528
Cumberland (P. O.,	1.60	10,240	90	3,630	804	600	28,855	13,038	32	394
Warwick	4.80	7,175	100	3,630	804	600	28,855	13,038	32	644
Woonsocket	4.40	22,732	60	1,220	410	100	12,000	54,816	1,309	873
South Carolina:										
Spartanburg	6.80	7,651	33	1,220	410	100	25,000	14,000	15,000	707
South Carolina	7.50	16,222	100	1,835	645	625	14,000	15,000	15,000	910
Aberdeen	7.00	28,368	100	2,670	625	600	14,000	15,000	15,000	528
Texas:										
Austin	4.50	26,760	60	5,150	2,000	460	25,000	54,816	1,309	873
Brewster	2.50	32,500	80	5,000	2,000	460	25,000	54,816	1,309	707
Cherokee	7.50	7,400	55	4,490	90	2,000	14,000	15,000	15,000	910
Denton	4.50	8,500	90	4,500	90	2,000	14,000	15,000	15,000	528

\* Includes highway department also.

\* Included in column 11.

† Estimated.

TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

City	Taxation.				Bonds and sinking funds (hundreds of dollars).				Expenses of debt service.					Value of school properties (thousands of dollars).	
	School tax rate (mills).		Property assessed (thousands of dollars).	Ratio of valuation to true property value.	School bonds outstanding.	Other forms of debt.	Total amount in sinking funds.	Redemption of bonds.			Payment to sinking funds.	Redemption of term loans.	Payment of interest indebtedness.		
	For maintenance.	For other purposes.						From current sinking funds.	From sinking funds.	Issue of new bonds.					
Massachusetts	3.00	1.60	4.60	\$5,780	50	\$1,240		57							238
Michigan	4.15	1.62	5.77	6,520	80	1,520		188	\$1,500						240
Minnesota	3.55	1.45	5.00	12,907	67	2,710		151							435
Missouri	5.00	1.46	6.46	7,789	67	1,780		151							208
Montana	2.75	5.00	7.75	7,300	50	1,660		362							325
Nebraska	6.00	1.50	6.50	6,400	65	1,180		104							270
Nevada	5.00	1.00	6.00	39,275	65	5,870		107							948
New York	3.95	1.53	5.48	23,263	93	3,800		107							801
Ohio	6.00	6.00	12.00	6,889	75	1,185			\$5,000						239
Oklahoma	5.50	5.50	11.00	20,361	75	2,610			2,000						460
Oregon	5.50	5.50	11.00	11,158	75	1,480									280
Pennsylvania	12.70	14.50	27.20	20,075	60	4,000		770							157
Rhode Island	14.50	14.50	29.00	14,000	80	4,000									325
South Carolina	16.20	16.20	32.40	4,500	50	4,000									684
Texas	8.05	8.05	16.10	6,604	40	3,060	124	60							171
Virginia	10.00	2.80	12.80	11,322	40	2,710	550	148							408
Washington	8.40	3.10	11.50	14,400	40	5,200	365	23	17,000						194
West Virginia	10.00	2.00	12.00	10,500	50	4,900	283		10,000						207
Wisconsin	6.00	7.00	13.00	18,169	75	1,320		118							328
Wyoming	5.45	7.10	12.55	43,198	100	8,262		2,280							1,170
Zachary	7.00	1.00	8.00	34,989	100	3,000		160							872

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Wisconsin:																														
Appleton	15.90	20,000	90	300	120	6,667																								526
Ashland	10.20	7,752	95																										350	
Bakers	10.87	15,871	80	2,070		19,500																							705	
East Chaire	10.95	13,811	87			8,622																							383	
Ford on Lee	7.65	16,249	86																										539	
Green Bay	3.00	31,170	100	3,364																									696	
Kenosha	1.40	6,435	100																										234	
Madison	5.00	34,837	90	1,500																									617	
Manitowoc	5.39	71,982	100	6,470	1,000	50,000																							1,485	
Marinette	4.40	21,356	100	62	116	2,300																							401	
Marquette	5.00	9,174	100																										404	
Sheboygan	9.15	24,669	100																										598	
Wausau	12.20	10,600	70	1,965																									596	
Wyoming:																														
Cheyenne	3.50	12,390	75	890																									216	

<sup>1</sup> Estimated.

## CHAPTER IV.

### STATISTICS OF UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS, 1917-18.

CONTENTS.—Institutions reporting—Size of institutions—Instructors—Attendance at higher institutions—Enrollment by departments—Enrollment in public and private institutions—Proportion of men and women—Degrees conferred—College graduates living—School and college mortality—Libraries—Endowment—Benefactions—Value of all property—Professional schools—Tuition fees in law, medicine, and dentistry—Income—Per cent of income from each source—Special courses.

This report presents the statistics of universities, colleges, and professional schools for the school year 1917-18. An attempt has been made also to secure certain comparative statistics from preceding reports in order to measure any changes which have taken place in the practices of such institutions. The report, therefore, portrays historical tendencies and present conditions.

In corresponding preceding reports the chapter on colleges, universities, and technological schools did not include the statistics of professional schools which were not associated with or affiliated with the colleges and universities. In fact, the statistics of all professional schools were treated separately. As a result the statistics of affiliated professional schools were duplicated in two chapters of the report. The present plan of including the statistics of independent professional schools with those of universities and colleges avoids this duplication.

#### INSTITUTIONS REPORTING.

For the year ending June, 1918, the Bureau of Education received reports from 672 universities, colleges, and professional schools. Of this number 118 were independent professional schools, including 78 schools of theology, 12 of law, 9 of medicine, 4 of veterinary medicine, 8 of dentistry, and 7 of pharmacy. States and municipalities control 112 of these 672 institutions and private corporations control 560 institutions. Of the 554 universities, colleges, and technological schools, 111 are under public and 443 under private control. Only one independent professional school is under public control, the other 117 being controlled by private organizations.

TABLE 1.—Review of statistics of universities, colleges, and technological schools, including women's colleges, but excluding independent professional schools, 1890-1918—PART I.

Items.	1890	1892	1894	1896	1898	1900	1902	1904
Number of institutions reporting.....	657	664	725	694	671	664	638	607
PROFESSORS AND INSTRUCTORS.								
Preparatory departments:								
Men.....		2,177	2,242	2,307	2,313	2,572	2,693	2,632
Women.....		1,188	1,396	1,404	1,384	1,506	1,516	1,634
Total.....	2,803	3,265	3,638	3,711	3,697	4,078	4,109	4,266
Collegiate departments:								
Men.....		6,375	7,663	7,790	8,258	9,014	9,698	10,548
Women.....		1,690	2,084	2,173	2,179	2,205	2,334	2,492
Total.....	6,198	8,074	9,777	9,963	10,437	11,219	12,032	13,040
Professional departments:								
Men.....		2,370	2,847	3,296	3,793	4,268	4,622	5,142
Women.....		25	24	37	58	68	87	79
Total.....	1,755	2,395	2,871	3,323	3,856	4,336	4,709	5,221
Total, excluding duplicates:								
Men.....	6,834	10,104	11,861	12,397	13,281	14,546	15,913	17,559
Women.....	1,064	2,940	3,543	3,550	3,514	3,674	3,893	4,267
Total.....	7,918	13,134	15,404	15,947	16,795	18,220	19,806	21,826
STUDENTS.								
Preparatory departments:								
Men.....	29,530	32,106	34,681	33,985	33,646	34,814	35,152	38,908
Women.....	22,219	20,159	20,279	20,499	19,828	21,471	20,896	22,023
Total.....	51,749	52,265	54,960	54,484	53,474	56,285	56,038	60,931
Collegiate departments:								
Men.....	44,650	52,034	61,206	61,173	63,059	68,047	74,097	81,472
Women.....	20,624	23,022	28,512	30,878	32,485	36,051	38,783	40,107
Total.....	65,274	75,056	89,718	92,051	95,544	104,098	112,880	121,579
Graduate departments:								
Men.....	1,973	2,589	2,918	3,121	3,959	4,112	4,036	4,534
Women.....	499	529	784	242	1,555	1,719	1,836	1,950
Total.....	2,372	3,118	3,702	3,363	5,514	5,831	5,872	6,484
Professional departments:								
Men.....	15,342	18,734	20,678	24,522	26,378	29,324	30,248	31,113
Women.....	269	680	567	916	963	1,021	1,005	965
Total.....	15,611	19,414	21,245	25,438	27,341	30,345	31,253	32,078
Total number, excluding duplicates:								
Men.....	102,618	113,544	125,407	127,800	128,888	136,297	145,225	158,304
Women.....	38,831	58,032	68,176	66,036	68,645	69,866	63,540	68,145
Total.....	141,449	171,576	193,583	193,836	197,533	206,163	208,765	226,449
Collegiate and resident graduate students:								
Men.....	44,926	51,163	60,814	65,143	67,018	72,159	78,133	86,008
Women.....	20,874	23,885	28,657	32,244	34,040	37,770	40,569	42,067
Total.....	65,800	74,548	89,471	97,387	101,058	109,929	118,702	128,075
Undergraduate and graduate students:								
In public institutions—								
Men.....				20,208	22,898	26,147	30,177	34,335
Women.....				5,894	6,830	7,820	9,060	9,726
Total.....				26,102	29,728	33,967	39,237	44,061
In private institutions—								
Men.....				44,944	44,120	46,012	47,957	51,671
Women.....				26,368	27,810	29,950	31,509	33,321
Total.....				71,312	71,930	75,962	79,466	85,002

TABLE 1.—Review of statistics of universities, colleges, and technological schools, including women's colleges, but excluding independent professional schools. 1890-1918—PART I—Continued.

Items.	1890	1892	1894	1896	1898	1900	1902	1904
STUDENTS—continued.								
Students in engineering courses:								
General engineering.....	1,196	1,163	1,387	1,190	1,409	3,140	4,774	6,118
Civil engineering.....			971	1,154	1,610	4,459	6,863	6,884
Mechanical engineering.....			1,016	1,090	1,001	2,555	3,203	4,399
Electrical engineering.....			452	222	297	1,261	1,837	2,324
Mining engineering.....							858	694
Chemical engineering.....								
DEGREES CONFERRED. <sup>1</sup>								
Baccalaureate:								
Men.....			6,126	8,281	8,783	9,549	10,022	11,099
Women.....			2,741	3,291	3,898	4,471	5,079	5,082
Total.....	7,319	7,786	8,866	11,572	12,681	14,020	15,101	17,181
Graduates:								
Men.....			1,233	1,460	1,454	1,628	1,733	1,622
Women.....			293	307	297	324	428	371
Total.....	1,145	1,004	1,526	1,767	1,751	1,952	2,156	1,993
Honorary.....	727	831	794	756	632	701	821	789
Ph. D. degrees, on examination:								
Men.....					267	322	240	272
Women.....					37	20	28	29
Total.....					304	342	268	301
Number of institutions reporting:								
Public.....			89	89	92	93	97	111
Private.....			484	513	504	474	477	443
Total.....	022	573	602	596	567	574	554	554
PROFESSORS AND INSTRUCTORS.								
Preparatory departments:								
Men.....	2,721	2,314	2,716	2,781	2,484	2,899	1,804	
Women.....	1,131	1,220	1,210	1,991	1,493	1,418	1,223	
Total.....	3,852	4,034	3,926	4,772	3,977	3,817	3,027	
Collegiate departments:								
Men.....	11,703	11,398	13,428	15,517	16,963	19,140	18,534	
Women.....	3,402	1,399	1,549	3,826	3,800	4,246	4,960	
Total.....	15,105	12,797	14,977	19,343	20,763	23,386	23,318	
Professional departments:								
Men.....	5,601	5,492	6,870	7,460	6,666	7,653	9,955	
Women.....	96	87	63	108	78	98	228	
Total.....	5,697	5,579	6,933	7,568	6,744	7,751	10,183	
Total, excluding duplicates:								
Men.....	19,215	19,254	21,813	24,508	25,399	28,472	29,509	
Women.....	4,785	2,706	2,854	5,526	5,923	6,397	7,013	
Total.....	23,999	21,960	24,667	30,034	31,322	34,869	36,522	
STUDENTS.								
Preparatory departments:								
Men.....	45,788	45,149	42,616	40,379	33,827	33,899	28,157	
Women.....	27,213	19,877	17,776	23,440	18,027	19,155	16,513	
Total.....	72,999	65,026	60,392	63,819	51,854	52,474	44,670	

<sup>1</sup> Does not include degrees conferred by professional schools.  
<sup>2</sup> Includes statistics of independent professional schools.  
<sup>3</sup> Does not include 118 independent professional schools, 1 public and 117 private.  
<sup>4</sup> Includes 591 men and 986 women teaching in other departments.

TABLE 1.—Review of statistics of universities, colleges, and technological schools, including women's colleges, but excluding independent professional schools, 1890-1918—  
PART I—Continued.

Items.	1906	1908	1910	1912	1914	1916	1918
STUDENTS—continued.							
Collegiate departments:							
Men.....	92,441	101,188	113,074	117,756	130,488	152,860	134,271
Women.....	48,497	33,198	40,792	69,040	72,911	90,181	105,436
Total.....	140,938	134,386	153,866	186,796	203,399	243,041	239,707
Graduate departments:							
Men.....	5,297	5,757	6,504	7,994	8,885	11,215	8,497
Women.....	2,329	2,067	2,649	3,663	4,206	5,256	5,909
Total.....	7,626	7,824	9,153	11,657	13,091	16,470	14,406
Professional departments:							
Men.....	33,239	31,881	37,903	36,154	35,695	39,301	45,763
Women.....	901	1,522	1,338	1,462	1,484	1,630	2,830
Total.....	34,140	33,403	39,241	37,616	37,179	40,931	48,593
All other students:							
Men.....					12,992	16,432	11,365
Women.....					24,462	25,824	24,798
Total.....					37,454	42,256	36,163
Total number, excluding duplicates:							
Men.....	* 177,733	194,599	200,339	208,108	217,683	249,271	223,841
Women.....	* 80,870	70,436	73,745	110,315	117,295	137,835	151,518
Total.....	258,603	265,035	274,084	318,423	334,978	387,106	375,359
Collegiate and resident graduate students:							
Men.....	97,738	106,945	119,578	125,750	139,373	164,076	142,768
Women.....	50,826	54,815	64,005	72,703	77,129	95,436	111,345
Total.....	148,564	161,760	183,583	198,453	216,502	259,511	254,113
Undergraduate and graduate students:							
In public institutions—							
Men.....	38,975	46,183	49,919	51,821	60,321	70,946	* 62,162
Women.....	12,618	14,075	17,707	23,995	27,499	36,291	* 44,019
Total.....	51,593	60,258	67,626	75,816	87,820	107,237	* 106,181
In private institutions—							
Men.....	58,763	61,846	70,663	74,797	79,952	93,126	* 80,436
Women.....	38,208	41,014	46,423	48,905	49,621	59,145	* 67,306
Total.....	96,971	102,860	117,086	123,702	129,573	152,271	* 147,742
Students in engineering courses:							
General engineering.....	2,501					5,485	7,203
Civil engineering.....	7,962		7,889			7,251	5,108
Mechanical engineering.....	7,426		6,377			7,707	5,944
Electrical engineering.....	5,426		5,450			7,098	5,683
Mining engineering.....	2,736		2,656			1,790	1,298
Chemical engineering.....	1,234		899			2,774	4,548
DEGREES CONFERRED. <sup>1</sup>							
Baccalaureate:							
Men.....	12,351	12,237	15,267	15,053	16,468	20,586	14,720
Women.....	6,204	6,378	7,420	9,815	10,085	11,240	13,332
Total.....	18,555	18,615	22,687	24,868	26,553	31,826	18,052
Graduate:							
Men.....	1,684	1,839	1,920	4,300	4,160	3,462	12,320
Women.....	416	615	602	852	1,098	1,032	1,160
Total.....	2,100	2,454	2,522	5,152	5,258	4,494	13,480
Honorary.....	807	714	672	914	749	825	736
Ph. D. degrees, on examination:							
Men.....	212	243	265	446	446	520	499
Women.....	25	51	44	63	73	81	63
Total.....	237	294	309	509	519	601	562

\* Estimated as to division.

<sup>1</sup> Does not include degrees conferred by professional schools.

\* Does not include statistics of independent professional schools.



TABLE 1.—Review of statistics of universities, colleges, and technological schools, including women's colleges but excluding independent professional schools, 1890-1918.—PART II.

Items.	1890	1897	1904	1898	1900	1902	1904
<b>PROPERTY.</b>							
Number of fellowships and scholarships.....	5,788	5,318	6,559	7,534	9,039	11,374	11,201
Volumes in the libraries.....	4,520,553	5,000,343	6,929,914	7,200,142	8,764,214	9,782,501	10,701,280
Value of apparatus, machinery, library, and furniture.....	\$9,084,285	\$11,754,440	\$14,073,809	\$19,821,675	\$31,431,064	\$35,739,284	\$40,323,640
Value of grounds.....	\$75,818,728	\$97,251,107	\$138,957,329	\$143,560,217	\$162,970,002	\$185,521,330	\$218,327,797
Value of dormitories.....							
Amount of productive funds.....	\$78,680,078	\$90,652,822	\$111,986,305	\$125,255,284	\$166,183,529	\$185,944,668	\$206,565,108
<b>RECEIPTS.</b>							
From student fees.....	\$5,794,984	\$6,701,802	\$8,722,674	\$9,751,575	\$11,171,127	\$13,089,197	\$14,276,584
From State or city.....	\$4,771,980	\$5,094,751	\$5,885,122	\$6,010,238	\$7,045,479	\$8,241,300	\$9,232,175
From Federal Government.....	\$2,103,559	\$4,757,340	\$4,209,205	\$5,992,000	\$4,484,405	\$6,437,493	\$9,122,903
From private benefactions: For increase of endowment.....			\$3,523,791	\$2,540,513	\$2,463,900	\$2,984,177	\$2,949,598
From all other sources.....	\$6,309,751	\$9,684,585	\$9,394,428	\$9,650,106	\$11,985,463	\$17,039,967	\$13,700,559
Total receipts as distributed above.....	\$16,980,270	\$27,944,818	\$33,642,398	\$33,951,281	\$40,583,926	\$50,903,211	\$54,029,752
Total receipts, including endowment.....	\$18,014,994	\$27,884,183	\$35,642,398	\$33,951,281	\$40,583,926	\$50,903,211	\$54,029,752
<b>DEBIT-BY-STATE STATISTICS.</b>							
Per cent of all students in: Preparatory departments.....	33.1	30.5	30.0	28.1	28.5	26.6	26.9
Collegiate departments.....	41.7	43.8	48.9	47.5	50.9	52.8	53.7
Graduate departments.....	1.5	1.9	2.0	1.7	3.0	2.8	2.9
Professional departments.....	10.0	11.2	11.6	13.1	15.4	15.0	14.2
Other departments.....							
Index numbers of students: In public institutions.....				100.0	114.5	130.8	169.7
In private institutions.....				100.0	100.1	108.6	117.8
Per cent of collegiate and resident graduate students: Men.....	68.3	68.6	67.6	66.9	66.3	65.8	67.2
Women.....	31.7	31.4	32.4	33.1	33.7	34.2	32.8
Per cent of all students: Men.....	65.6	66.2	68.3	65.9	69.1	69.6	69.9
Women.....	34.4	33.8	31.7	34.1	30.9	30.4	30.1
Per cent of first degrees conferred on: Men.....			66.1	71.6	68.1	66.1	64.6
Women.....			30.9	28.4	31.9	33.6	35.4

1. These totals include only the amounts distributed showing the source of revenue. Institutions reporting only the aggregate amount of income for the year are not included in this total.



TABLE 1.—Review of statistical of universities, colleges and technological schools, including women's colleges, but excluding independent professional schools, 1890-1918—PART II—Continued.

Items.	1890	1892	1894	1896	1898	1900	1912	1916	1918
<b>QUALITATIVE STATISTICS—continued.</b>									
Per cent of graduates degrees conferred on—									
Men	80.8	80.8	80.8	80.8	80.8	80.4	80.4	80.4	81.4
Women	19.2	19.2	19.2	19.2	19.2	19.6	19.6	19.6	18.6
Per cent of instructors—									
Men	77.0	77.0	77.0	77.0	77.0	78.8	80.3	80.3	80.4
Women	23.0	23.0	23.0	23.0	23.0	21.2	19.7	19.7	19.6
Per cent of receipts derived from—									
Student fees	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	26.4
State or city	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	17.4
Productive funds	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	16.9
Federal Government	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	7.2
All other benefactions	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	28.4
Income per student (total)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	7.0
Productive funds per student (total)	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.78
Volume in the library per school	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	8912
Average value of all property per school, excluding productive funds	6,881	7,581	9,421	10,368	11,773	14,194	15,833	17,600	17,600
Average value of all property per student (total)	\$120.183	\$164.168	\$211.077	\$235.421	\$265.671	\$322.773	\$392.477	\$426.114	\$426.114
Population—25 years of age	1,131,822	1,195,840	1,269,667	1,323,874	1,387,881	1,451,909	1,519,926	1,587,943	1,657,960
Per cent of population (25 years of age) receiving first degrees	1.284	1.284	1.284	1.284	1.284	1.284	1.284	1.284	1.284
Population 16-25 years of age	4,614,023	4,876,835	5,139,647	5,402,459	5,665,271	5,928,085	6,190,897	6,453,709	6,716,521
Per cent of population (16-25) in college (all departments)	3.391	3.518	3.572	3.560	3.310	3.321	3.372	3.372	3.500
<b>Items.</b>									
<b>PROPERTY.</b>									
Number of fellowships and scholarships	15,042	15,042	15,042	15,042	15,042	15,042	15,042	15,042	15,042
Value of apparatus, machinery, library, and furniture	11,886,927	13,216,094	14,096,180	14,096,180	16,275,225	18,199,354	20,234,734	22,026,726	23,026,726
Value of buildings, including dormitories	\$46,341,757	\$29,977,424	\$35,856,955	\$66,171,875	\$70,113,688	\$87,757,360	\$87,007,540	\$89,766,703	\$104,060,481
Amount of productive funds	\$261,000,826	\$252,006,265	\$211,440,008	\$292,429,456	\$281,646,479	\$281,646,479	\$307,159,208	\$329,987,558	\$329,987,558
From student fees	\$263,490,394	\$272,207,309	\$289,376,878	\$357,048,919	\$362,742,823	\$426,245,270	\$461,060,963	\$461,060,963	\$461,060,963
From State or city	\$16,340,101	\$22,226,525	\$24,555,373	\$28,792,318	\$32,349,711	\$36,133,969	\$38,278,314	\$40,301,938	\$40,301,938
From Federal Government	\$10,241,539	\$11,066,377	\$12,276,200	\$14,225,098	\$17,229,604	\$19,985,865	\$22,424,014	\$24,000,000	\$24,000,000
From benefactions	\$11,066,397	\$15,518,857	\$19,720,899	\$24,144,553	\$29,510,425	\$32,204,111	\$34,301,938	\$36,268,531	\$36,268,531
For increase of endowment	\$2,600,714	\$4,591,181	\$4,607,298	\$5,490,877	\$5,227,626	\$5,227,626	\$6,268,531	\$6,268,531	\$6,268,531
For other purposes	\$7,341,519	\$7,341,519	\$7,341,519	\$7,341,519	\$7,341,519	\$7,341,519	\$7,341,519	\$7,341,519	\$7,341,519
Total benefactions	\$17,726,600	\$17,726,600	\$17,726,600	\$17,726,600	\$17,726,600	\$17,726,600	\$17,726,600	\$17,726,600	\$17,726,600

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

	\$3,935,575	\$5,207,359	\$7,052,949	\$7,069,409	\$9,591,784	\$9,850,320	\$15,284,375
From all other sources							
Total receipts as distributed above 1	\$62,499,931	\$78,442,197	\$98,284,784	\$104,514,093	\$120,579,257	\$123,627,211	\$153,801,585
Total receipts, including endowment	\$62,499,931	\$78,442,197	\$98,284,784	\$104,514,093	\$120,579,257	\$123,627,211	\$153,801,585
Total receipts, including endowment	\$62,499,931	\$78,442,197	\$98,284,784	\$104,514,093	\$120,579,257	\$123,627,211	\$153,801,585
DERIVATIVE STATISTICS							
Percent of all students in:							
Preparatory departments	28.2	24.5	23.0	20.0	15.5	13.6	11.9
College departments	54.5	50.7	48.1	48.7	45.7	42.3	39.8
Graduate departments	8.0	8.0	3.3	3.7	3.0	2.2	2.0
Professional departments	13.2	12.6	14.8	11.8	11.1	10.6	12.9
Other departments							9.6
Index numbers of students:							
In public institutions	198.7	202.1	200.5	202.0	202.0	413.1	400.0
In private institutions	136.0	144.0	164.2	173.5	180.5	213.6	207.2
Per cent of collegiate and resident graduate students:							
Men	65.8	66.1	66.1	63.4	64.4	63.2	56.2
Women	34.2	33.9	34.9	36.6	35.6	36.8	43.8
Per cent of all students:							
Men	68.7	72.4	72.1	65.4	63.0	64.4	59.6
Women	31.3	27.6	27.9	34.6	35.0	35.6	40.4
Per cent of first degrees conferred on:							
Men	66.6	65.7	67.8	61.8	62.1	64.7	57.5
Women	33.4	34.3	32.2	38.2	37.9	35.3	42.5
Per cent of graduate degrees conferred on:							
Men	80.2	78.1	76.1	83.7	79.3	76.5	69.7
Women	19.8	21.9	23.9	16.3	20.7	23.5	30.3
Per cent of receipts derived from:							
Productive funds	26.1	30.3	27.8	27.6	26.8	27.0	24.9
State or city	16.4	15.1	13.6	13.6	14.3	14.2	14.5
Federal Government	18.7	21.1	22.3	23.1	24.5	24.1	26.3
Private foundations	4.2	6.1	5.2	5.8	4.3	4.7	6.6
All other sources	28.2	21.2	22.8	22.7	22.1	22.6	17.8
Income per student (total)	\$173	\$172	\$170	\$168	\$168	\$168	\$168
Productive funds per student (total)	\$61	\$67	\$66	\$66	\$66	\$66	\$66
Volumes in the library per school	19,023	21,059	23,344	27,437	32,088	31,242	41,283
Average value of all property per school, excluding productive funds	\$494,266	\$570,742	\$553,137	\$684,301	\$775,198	\$828,085	\$947,530
Average value of all property per student (total)	\$1,156	\$1,224	\$1,215	\$1,295	\$1,312	\$1,228	\$1,306
Population—21 years of age	1,653,800	1,723,077	1,791,998	1,860,013	1,929,030	1,984,042	2,064,437
Per cent of population (21 years of age), receiving first degrees	1.788	1.808	1.907	1.979	2.180	2.189	2.437
Per cent of population (18-25) in colleges (all departments)	6,716,621	6,979,333	7,242,147	7,504,969	7,767,771	8,030,553	8,293,367
	3.850	3.797	3.785	4.243	4.312	4.320	4.528

1. These totals include only the amounts distributed showing the source of revenue. Institutions reporting only the aggregate amount of income for the year are not included in this table. \* Values into consideration being degrees in all professional schools. See Table 6.

TABLE 2.—Number of collegiate and resident graduate students in universities, colleges, and technological schools from 1889-90 to 1917-18.

Year.	Universities and colleges.		Colleges for women (Division A).	Colleges for women (Division B).	Schools of technology.		Total number.	
	Men.	Women.	Women.	Women.	Men.	Women.	Men.	Women.
1889-90	38,086	8,075	1,979	10,013	6,870	707	44,926	20,874
1890-91	40,069	9,439	2,265	9,851	6,131	481	46,220	22,036
1891-92	45,032	10,360	2,636	9,878	6,131	481	51,163	23,325
1892-93	46,689	11,489	3,195	9,102	8,616	843	55,305	24,633
1893-94	50,287	13,144	3,573	10,659	9,517	1,376	59,814	28,657
1894-95	53,585	14,298	3,667	10,696	9,467	1,196	62,063	29,739
1895-96	55,826	15,746	3,910	10,813	8,587	1,065	65,143	31,244
1896-97	53,755	15,536	3,913	10,229	8,907	1,094	64,662	32,473
1897-98	58,407	17,786	4,418	10,570	8,611	1,239	67,018	34,040
1898-99	58,467	18,948	4,382	10,366	9,038	1,339	67,505	35,746
1899-1900	61,812	20,452	4,872	11,008	10,347	1,440	72,159	37,770
1900-1901	65,069	21,468	5,280	11,021	10,403	1,151	75,473	38,900
1901-2	66,326	22,507	5,549	11,311	11,806	1,222	78,133	40,569
1902-3	69,178	24,863	5,749	10,985	13,216	1,124	82,394	42,721
1903-4	71,817	24,413	6,241	10,034	14,189	1,269	86,006	42,057
1904-5	77,260	26,739	6,398	11,319	14,911	1,199	92,161	45,592
1905-6	97,738	31,443	6,653	12,730	( )	( )	97,738	50,826
1906-7	96,575	32,850	7,612	12,663	( )	( )	96,575	53,126
1907-8	106,945	35,265	7,977	11,573	( )	( )	106,945	54,815
1908-9	119,480	42,328	8,458	12,211	( )	( )	119,480	62,997
1909-10	119,578	43,441	8,574	11,680	( )	( )	119,578	64,005
1910-11	119,088	44,646	( )	( )	( )	( )	119,088	64,546
1911-12	128,750	47,703	( )	( )	( )	( )	128,750	72,703
1912-13	128,644	47,657	( )	( )	( )	( )	128,644	73,557
1913-14	139,373	47,120	( )	( )	( )	( )	139,373	77,120
1914-15	152,307	48,861	( )	( )	( )	( )	152,307	84,861
1915-16	164,075	46,436	( )	( )	( )	( )	164,075	95,436
1916-17	( )	( )	( )	( )	( )	( )	( )	( )
1917-18	142,768	111,345	( )	( )	( )	( )	142,768	111,345

1 Students in schools of technology are tabulated in universities and colleges.  
 2 Students in colleges for women are tabulated in universities and colleges.  
 3 Statistics for 1916-17 were not collected.

SIZE OF INSTITUTIONS.

In figure 1 the 672 universities, colleges, and professional schools have been distributed according to the total number of students enrolled in each. The distribution has been made by groups of 100. In the second and largest group, 144 institutions are included, i. e., these institutions enroll from 101 to 200 students each. Over half of the institutions do not enroll more than 300 students. Altogether, 37 institutions enroll over 2,000 students. Of these, 13 enroll from 2,001 to 3,000 students; 9, from 3,001 to 4,000 students; 7, from 4,001 to 5,000 students; and 8, over 5,000 students. From these figures, therefore, it can be seen that there are many very small and a few very large colleges and universities.

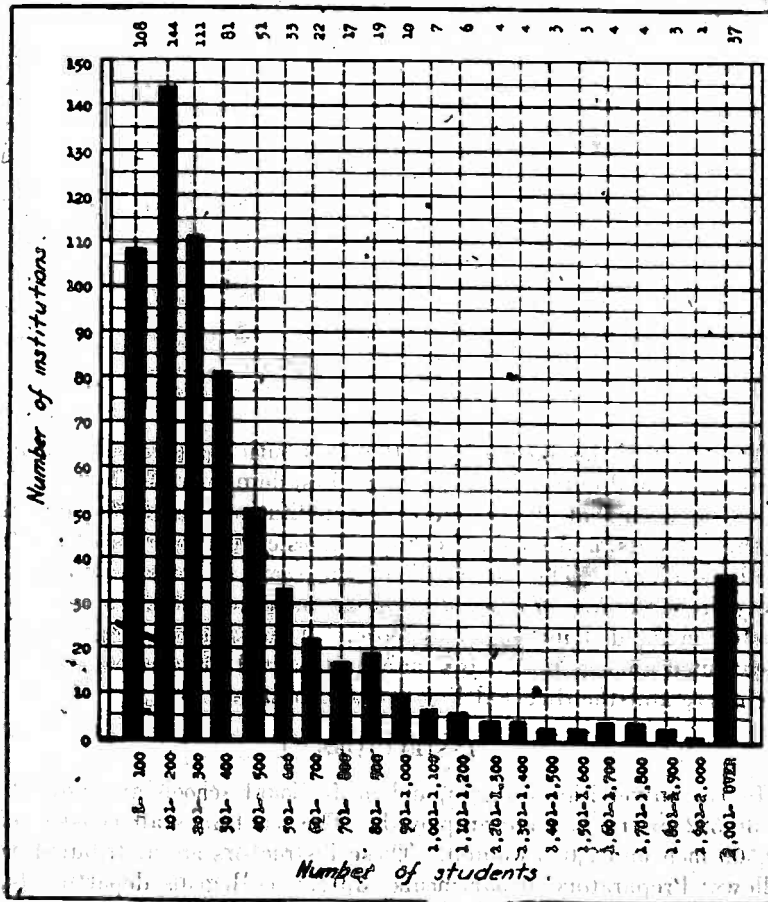


FIG. 1.—Distribution of 673 universities, colleges, and professional schools according to the total number of students enrolled, 1917-18.

TABLE 3.—Method used in securing the data used in the construction of figure 2.

Groups.	Per cent of institutions in each group.	Accumulated percentages of institutions.	Enrollment in institutions of each group.	Per cent of total enrollment in each group.	Accumulated percentages of enrollment.
1	2	3	4	5	6
1.....	5	5	138,767	36.9	36.9
2.....	5	10	32,493	14.0	50.9
3.....	5	15	30,497	8.2	59.1
4.....	5	20	24,828	6.5	65.6
5.....	5	25	18,273	5.0	70.6
6.....	5	30	16,273	4.3	74.9
7.....	5	35	13,746	3.7	78.6
8.....	5	40	12,540	3.3	81.9
9.....	5	45	10,746	2.9	84.8
10.....	5	50	9,512	2.6	87.4
11.....	5	55	8,618	2.3	89.7
12.....	5	60	7,991	2.0	91.7
13.....	5	65	6,622	1.8	93.5
14.....	5	70	5,994	1.6	95.1
15.....	5	75	5,029	1.4	96.5
16.....	5	80	4,417	1.2	97.7
17.....	5	85	3,444	.9	98.6
18.....	5	90	2,571	.7	99.3
19.....	5	95	1,773	.5	99.8
20.....	5	100	50	.2	100.0
Total.....	100		372,239	100.0	

The effect of this inequality in the distribution of students among the colleges and universities is perhaps best demonstrated in figure 2. Here it is seen that 10 per cent of the institutions enroll 50 per cent of the students, and one-half of the schools enroll about 87 per cent of the students. The "bowing" of the curve of actual distribution away from the line of equal distribution indicates the degree of inequality in the distribution of students. If the students were equally distributed among the colleges, universities, and professional schools, the curve and the diagonal line would coincide.

#### INSTRUCTORS

In the universities, colleges, and professional schools an aggregate of 36,522 instructors are employed. The teaching staff consists of 29,509 men and 7,013 women. These instructors are distributed as follows: Preparatory departments, 3,027; collegiate departments, 23,318; professional departments, 10,183; and all other departments, 1,547. Almost 60 per cent of the instructors in preparatory departments are men. In collegiate departments almost 79 per cent of the instructors are men. In professional schools and departments almost 98 per cent of the teaching staff consist of men. Altogether, almost 81 per cent of all teachers in universities, colleges, and professional schools are men. It is seen, therefore, that the teaching staff in these higher educational institutions consists largely of men, there being about four men to one woman. These percentages are

significant in view of the fact that in public high schools only 35 per cent of the teachers are men, and in the elementary schools only 13.4 per cent of the teachers are men. There is a tendency, therefore, for women to monopolize the elementary and secondary school work, and for men to control the work in the higher institutions.

This tendency in these higher institutions is becoming more pronounced from year to year, as shown in figure 3. A comparison of

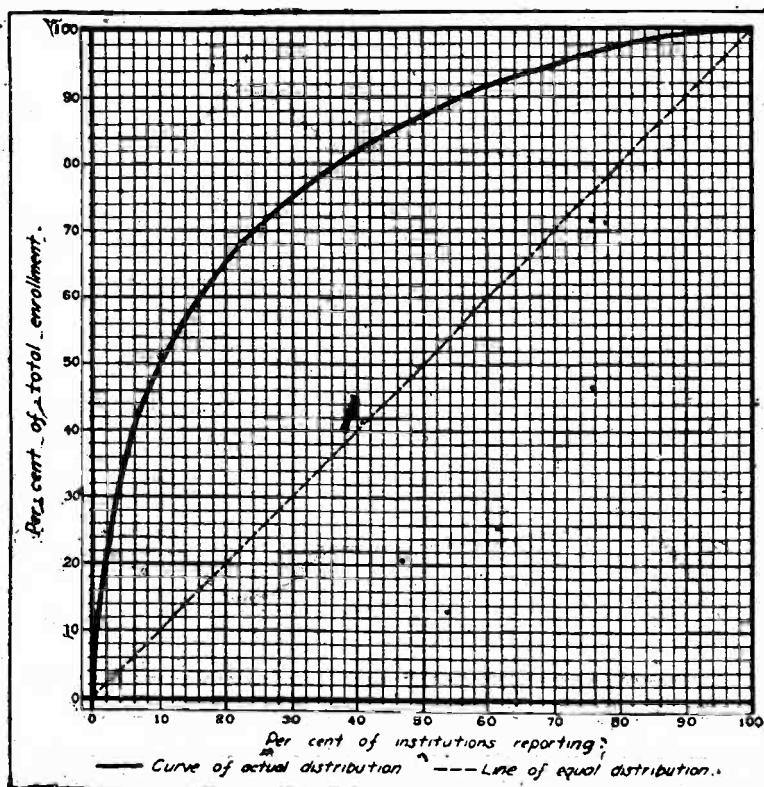


FIG. 2.—Curve showing the distribution of students among the universities, colleges, and professional schools, 1917-18.

the two curves, for men and women instructors, reveals the fact that in general the percentage of men instructors in colleges and universities has been steadily increasing since 1892, while the proportion of women teachers has decreased correspondingly. It is also evident that war conditions did not materially affect the teaching staff in these higher institutions, since the proportion of men decreased only very slightly in 1918. It is apparent, therefore, that women are not very generally employed in the higher institutions. About one-half as many women as men receive graduate degrees from our colleges

and universities, but only about one-fourth as many teach in these higher institutions. On the other hand, about eight times as many men as women receive the Ph. D. degree conferred on examination, yet only four times as many become teachers in these higher institutions. It should be remembered, however, in this connection that more men than women attend universities and colleges.

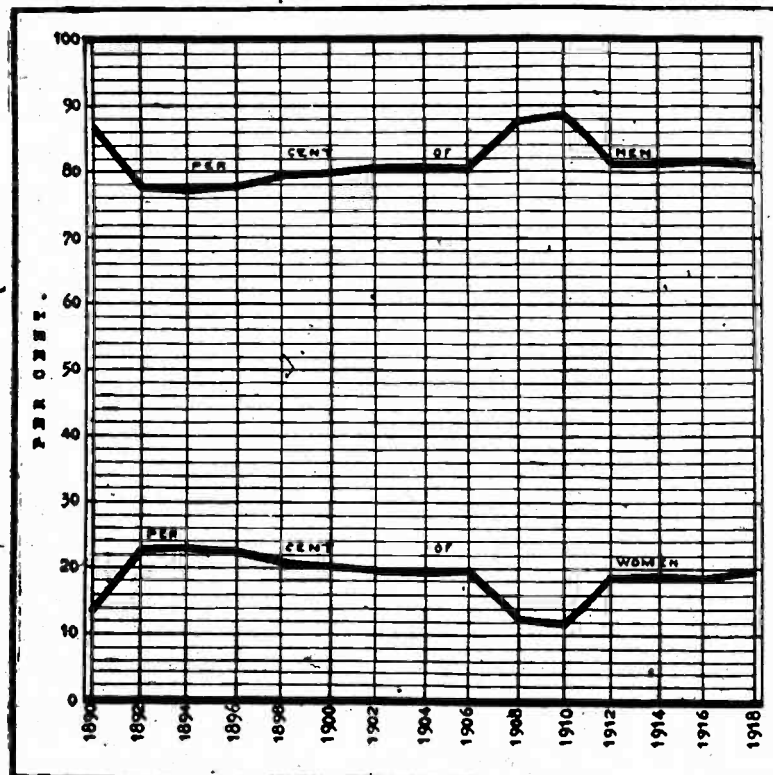


FIG. 3.—Percentage of men and women instructors in universities, colleges, and technological schools, 1917-18.

#### ATTENDANCE AT HIGHER INSTITUTIONS.

While the total collegiate and graduate attendance at universities, colleges, and professional schools has increased from 65,800 in 1890 to 375,359 in 1918, or over 470 per cent, the rate of increase is not significant unless comparisons be made with other concomitant rates of increase. For example, has college enrollment kept pace with the increase in public-school enrollment or with the increase in the total population? To answer this question figure 3 has been prepared. In order to show approximate comparative rates of increase, the total collegiate and resident graduate enrollment in colleges and universi-



ties, the public high-school enrollment, and the total population have been reduced to index numbers. The public high-school enrollment for each biennium from 1890 to 1918 has been divided by the corre-

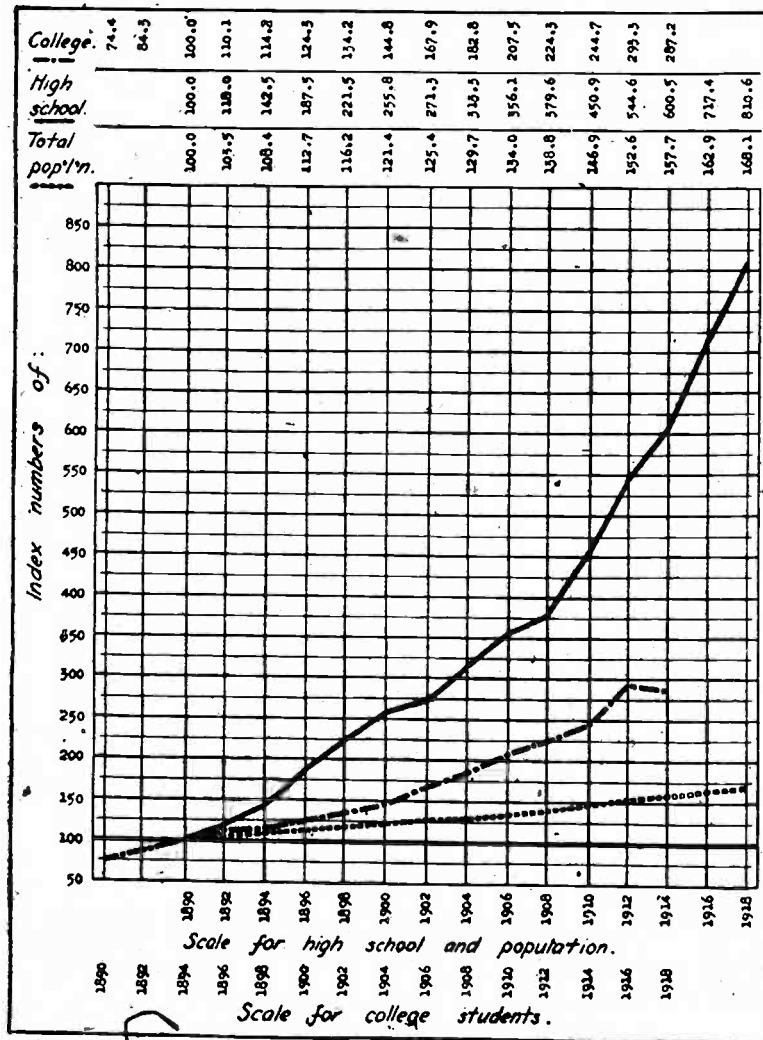


FIG. 4.—Index numbers showing the comparative rates of increase in the total population, the total high school enrollment, and the total number of students in collegiate and resident graduate departments of universities, colleges, and technological schools from 1890 to 1918. The curve for college students has been shifted to the left to compensate for lag.

sponding enrollment in 1890. Thus in 1918 the high-school enrollment was 810 per cent of what it was in 1890, or it increased 710 per cent. The index for 1918 is, therefore, 810. The index numbers

for the total population have been secured in a similar manner, the index for 1890 being 100 and that for 1918 being 168, representing an increase of 68 per cent within this period. As high-school students do not enter college, presumably, for four years after they enter high school, the curve for college enrollment has been displaced by this interval to compensate for *lag*. To interpret the curves, consider for instance the interval 1898 to 1900. The slopes of the three curves in this section of the graph are different, the high-school curve showing the steepest slope and, therefore, the greatest rate of increase; the "population" curve having the least inclined slope and therefore, the smallest rate of increase, while the "college" curve occupies an intermediate slope. The relative positions of the curves one above the other do not indicate rates of advancement; only the corresponding slopes of similar sections of the curves show this tendency to increase.

Thus, it is seen that the high-school enrollment has increased more rapidly than enrollment in colleges and universities, while the enrollment in college has more than kept pace with the increase in population. It is evident, therefore, that colleges and universities have not succeeded in more recent years in drawing as large a proportion of high-school students (or graduates) as they formerly did. The multiplication of high schools, in the attempt to give every boy and girl the advantages of a high-school education has not resulted in as large a proportion of subsequent enrollment in collegiate and graduate courses. The vocational or trade courses now offered by some of the larger high schools may partly account for the decreasing proportion of high-school students entering college. One who has completed a commercial course in high school is not so likely to enter college after graduation as a student who has taken the purely academic or college preparatory course. As the high schools become more and more vocationalized the proportion of graduates going to college may be expected to decrease. While the index curves do not measure precisely the decreasing proportion of high-school graduates going to college, they do indicate that this tendency unmistakably exists.

A clearer conception as to attendance at colleges and universities may be gained by comparing the enrollment with the corresponding population which might be in college if all attended. Figure 5 shows such comparisons for biennial periods from 1890 to 1918. It is assumed that it takes four years to complete a college course, and that the most usual ages when young men and women attend college are from 19 to 23. Some, of course, will attend earlier and others later in life than at this time, but the age group chosen can not be far from the average. At any rate the total population for any other similar age group would be about the same as the total population 19 to 23 years

of age. The total enrollment in all departments of universities, colleges, and professional schools has been compared with this age group. The continuous curve in figure 5 varies from 3.3 per cent in 1898, when the smallest percentage of the population attended college, to 4.8 per cent in 1916, when the largest percentage attended. The drop in attendance in 1918 was caused by the war. The general direction of this curve shows in no unmistakable way that the Nation

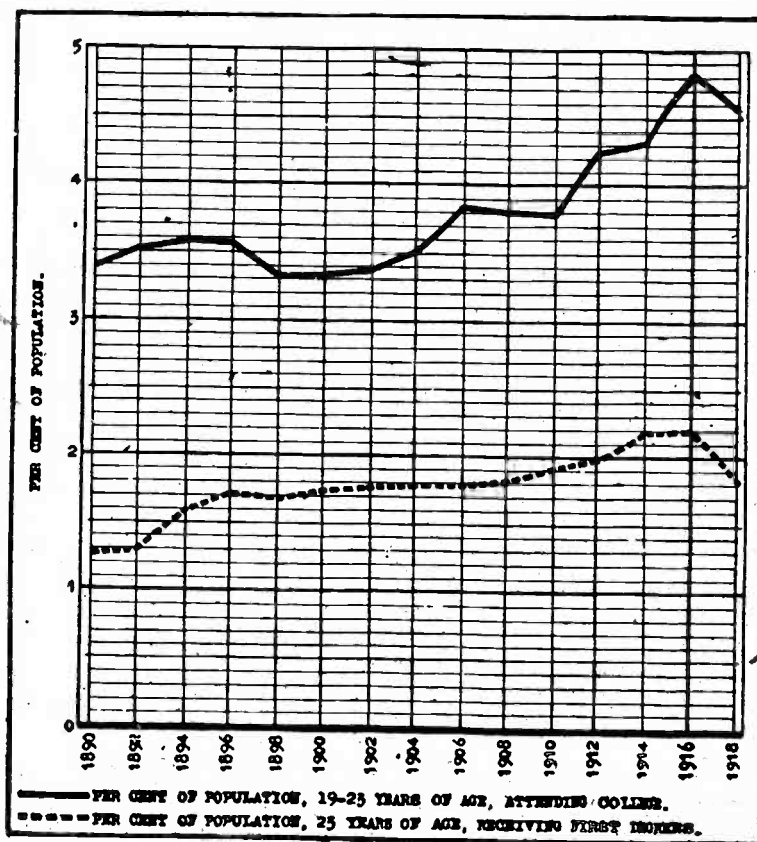


FIG. 5.—Per cent of population attending college and graduating from college, 1890-1918.

is becoming better educated from year to year. Further proof of this fact is given in the second or dotted curve in this diagram which shows the percentage of the population 23 years of age receiving baccalaureate or first degrees for each biennial date. The number of first degrees includes first degrees granted by professional schools as well as baccalaureate degrees granted by universities, colleges, and technological schools. In 1890 less than 1.3 per cent of the population 23 years of age was graduating from college. In 1916

almost 2.2 per cent of the population of this age received first degrees. Within this period of 26 years the proportion of college graduates almost doubled. The drop in 1918 was undoubtedly due to war conditions. This curve is decidedly consistent with figure 11, which shows that 231 persons out of each 1,000 entering the first grade will later graduate from college.

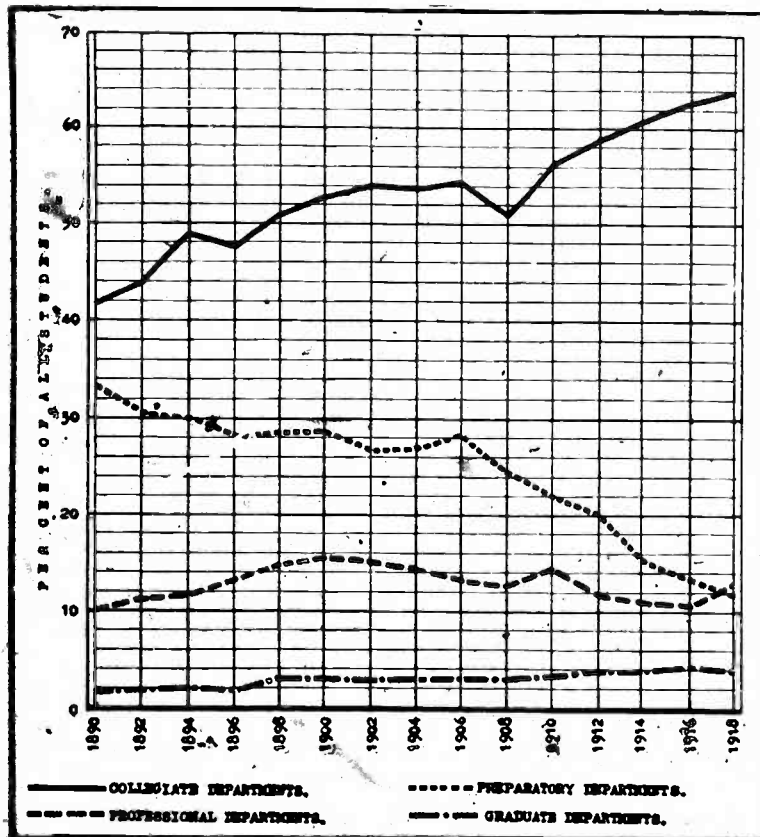


FIG. 6.—Percentages of all students in the various departments in universities, colleges, and technological schools, 1890-1918.

#### ENROLLMENT BY DEPARTMENTS.

Within the last 28 years considerable change has taken place in the distribution of students among the various departments. This change has been wrought very largely by the multiplication of secondary schools throughout the country, thereby causing a diminution in the amount of preparatory or secondary school work required of the colleges. As shown in figure 6, the proportion of preparatory students has decreased from about 33 per cent in 1890 to a little less

than 12 per cent in 1918. In other words, the proportion of preparatory students is now only about one-third of what it was 28 years ago. This decrease is compensated for by an increase in the percentage of collegiate students. In 1890 about 42 per cent of the total enrollment consisted of collegiate students, while in 1918 the corresponding proportion was about 64 per cent, or an increase of over 50 per cent. No marked change has taken place in the proportion of students in professional departments, in 1900 the proportion being highest and in 1916 lowest. The upward tendency in 1918 is due to the inclusion of students in independent professional schools not represented in the diagram for the preceding years. The increasing rigidity of entrance requirement to professional departments has probably caused the slight decrease in the proportion of students registered in such departments since 1900.

The lower curve in the diagram representing graduate students is significant. The proportion of graduate students in colleges and universities increased from 1.5 per cent in 1890 to 4.3 per cent in 1916, or almost threefold. It is clearly evident that colleges and universities are devoting an increasing amount of time to graduate work from year to year. This figure does not represent special students or students registered in other departments.

#### ENROLLMENT IN PUBLIC AND PRIVATE INSTITUTIONS.

The relative advancement of public and private universities, colleges, and technological schools is clearly exhibited in figure 7. This diagram represents the number of students enrolled in collegiate and graduate departments only. To secure the index numbers for each curve the enrollment for each biennium has been divided by the corresponding enrollment for 1896. The curve representing public institutions has risen more rapidly at every interval than that representing private institutions. In other words the enrollment in private institutions has increased 113 per cent in 20 years, while that in public institutions has increased 309 per cent. The rate of increase for the public institutions has been almost three times that for private institutions. It should be carefully noted that this diagram represents only the rates of increasing enrollments and not the actual enrollment in public and private institutions. By reference to Table 1 it is seen that in 1916 the private institutions enrolled 152,274 students, while those under public control registered only 107,237 students in collegiate and graduate departments. From these figures it is seen, therefore, that the private institutions register about 42 per cent more students than the public institutions. From the diagram it is found that the public institutions are "growing" almost three times as rapidly as the private colleges and universities.

## PROPORTION OF MEN AND WOMEN.

Table 1 shows the number of men and women students in universities, colleges, and technological schools. For both sexes there has been an increase since 1890. In collegiate and graduate departments the number of men increased from 44,926 in 1890 to 164,075 in 1916, while the number of women students increased from 20,874 to 95,436 within the same period. Expressed in percentages, the men increased

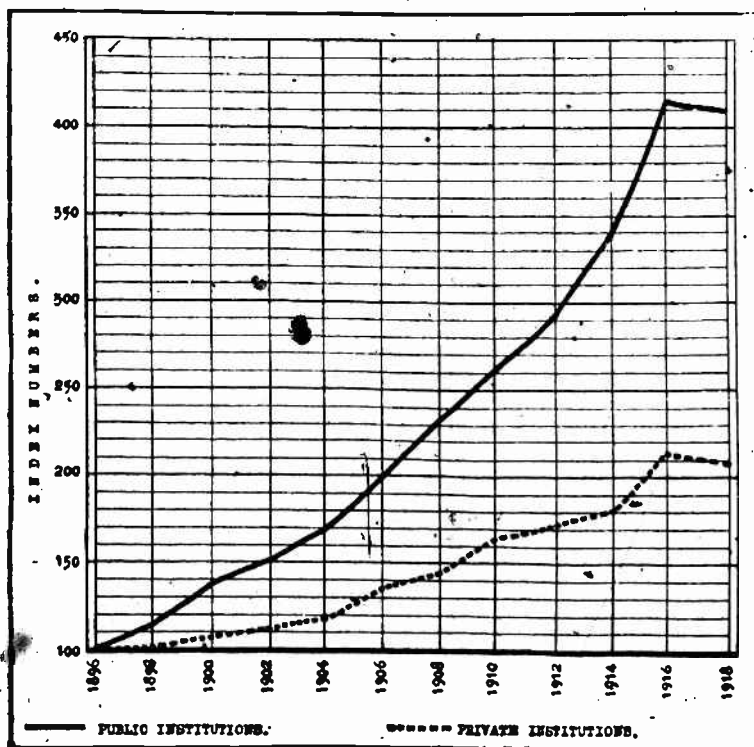


FIG. 7.—Index Numbers of students in public and private universities, colleges, and technological schools showing the rate of increase. (For data see Table 1.)

265 per cent and the women 357 per cent. Considering all students in all departments, the men have increased only 143 per cent and the women only 156 per cent within this period of 26 years. In both computations the women have increased more rapidly than the men. This change in the personnel of the student body is best exhibited in figure 8. The two curves representing collegiate and resident graduate students possess remarkable regularity, approaching each other with almost mathematical precision. In 1890, of these college students 68.3 per cent were men and only 31.7 per cent women, but in 1916 only 63.2 per cent were men and 36.8 per cent were women.

The abrupt changes evident in 1918 are due to war conditions and can not be taken to indicate general tendencies. When all students in all departments are considered, there has been little change in the proportion of men and women from 1890 to 1916. The general tendency taken by the curve representing purely collegiate and graduate students seems to predict a time when as many women as men will attend college. This prediction is also supported by the fact that

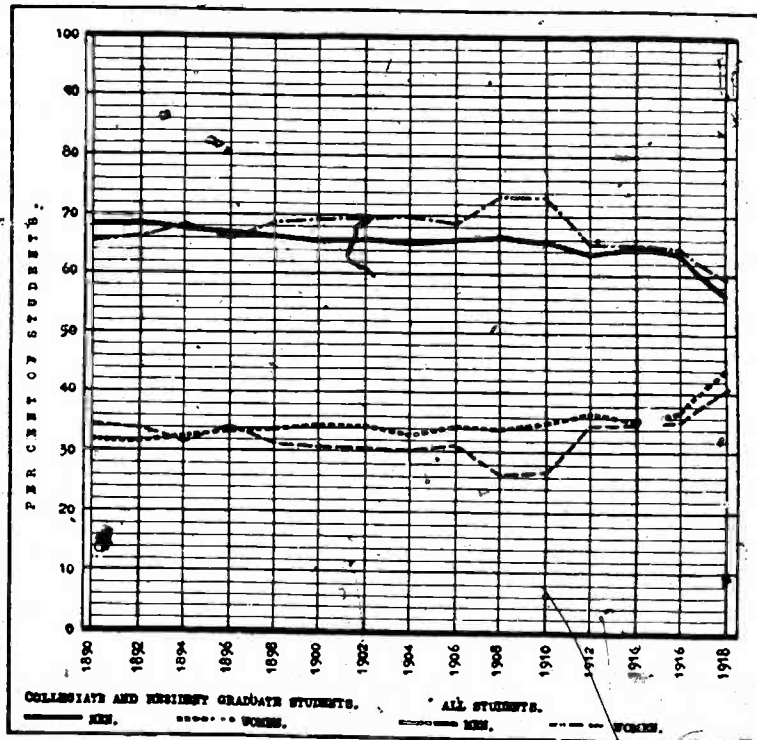


FIG. 8.—Percentages of men and women students in universities, colleges, and technological schools, 1890-1918. (For data see Table 1.)

more girls than boys graduate annually from our high schools and are, therefore, prepared in greater numbers to enter college.

**DEGREES CONFERRED.**

Tables 18, 19, 20, 21, 22, and 23 show the number and kinds of degrees conferred in 1918 by the 672 institutions. There were 28,052 baccalaureate, 3,480 graduate, and 736 honorary degrees conferred. The degree of doctor of philosophy was conferred on examination by 46 institutions on 499 men and 63 women, as shown in Table 4.

TABLE 4.—Institutions conferring the Ph. D. degree on examination in 1918.

States.	Institutions.	Men.	Women.
California.....	University of California.....	15	3
Connecticut.....	Hartford Theological Seminary.....	1	0
Do.....	Yale University.....	32	5
District of Columbia.....	American University.....	4	0
Do.....	Catholic University of America.....	13	2
Do.....	George Washington University.....	7	0
Illinois.....	University of Chicago.....	71	6
Do.....	Northwestern University.....	5	0
Do.....	University of Illinois.....	31	2
Indiana.....	Indiana University.....	1	1
Do.....	University of Notre Dame.....	1	0
Iowa.....	State University of Iowa.....	9	3
Maryland.....	Johns Hopkins University.....	11	1
Massachusetts.....	Boston University.....	4	1
Do.....	Harvard University.....	45	0
Do.....	Massachusetts Institute of Technology.....	4	0
Do.....	Clark University.....	5	1
Michigan.....	University of Michigan.....	11	2
Minnesota.....	University of Minnesota.....	10	1
Missouri.....	University of Missouri.....	6	1
Do.....	Washington University.....	2	0
Nebraska.....	University of Nebraska.....	3	1
New Jersey.....	Rutgers College.....	4	1
Do.....	Princeton University.....	10	0
New York.....	Cornell University.....	32	4
Do.....	Columbia University.....	73	10
Do.....	Fordham University.....	3	0
Do.....	New York University.....	10	1
Do.....	New York State College of Forestry.....	2	0
Do.....	Syracuse University.....	4	1
North Carolina.....	University of North Carolina.....	1	0
Ohio.....	University of Cincinnati.....	1	1
Do.....	Ohio State University.....	9	0
Pennsylvania.....	Moravian College and Seminary.....	1	0
Do.....	Bryn Mawr College.....	0	6
Do.....	Grove City College.....	1	0
Do.....	Drexel College.....	2	0
Do.....	University of Pennsylvania.....	19	5
Do.....	University of Pittsburgh.....	2	0
Rhode Island.....	Brown University.....	2	0
South Dakota.....	University of South Dakota.....	8	3
Texas.....	Rice Institute.....	1	0
Virginia.....	University of Virginia.....	1	0
Washington.....	University of Washington.....	1	0
Wisconsin.....	University of Wisconsin.....	21	1
Do.....	Mission House.....	1	0
	Total.....	490	63

In Table 1 the number of degrees conferred by universities, colleges, and technological schools is shown for biennial periods since 1890. The total number of first degrees, professional and collegiate, conferred since 1870 is exhibited in Table 6. From 1890 to 1916 the number of baccalaureate degrees conferred by nonprofessional departments increased from 7,319 to 31,826, or 335 per cent. During this interval the population increased only 63 per cent. The rate of increase in the number of first-degree college graduates has been over 5 times as great as that for the total population during this interval of 26 years.



TABLE 5.—Number of college graduates receiving first degrees living at each decennial period, omitting those graduating prior to 1870.

Years.	Total population of United States.	Number of graduates.	Estimated number of graduates living at each date.					Death rates.		
			1880	1890	1900	1910	1918	Age.	Rate per 1,000. <sup>1</sup>	644 living per 1000.
1870.....	38,556,371	19,371	8,816	8,079	7,087	5,531	3,850	23	5.29	1,000.0
1871.....	39,500,500	12,061	11,430	10,508	9,289	7,362	5,245	24	5.42	994.7
1872.....	40,477,000	17,484	7,141	6,581	5,840	4,713	3,450	25	5.54	989.2
1873.....	41,490,442	10,065	9,667	8,935	7,988	6,525	4,843	26	5.67	983.8
1874.....	42,570,731	10,465	10,115	9,375	8,401	6,971	5,268	27	5.80	978.2
1875.....	43,700,554	10,627	10,335	9,606	8,645	7,260	5,578	28	5.93	972.5
1876.....	44,881,700	10,463	10,235	9,538	8,620	7,319	5,727	29	6.06	966.9
1877.....	46,112,700	8,685	8,544	7,984	7,243	6,211	4,944	30	6.20	961.3
1878.....	47,397,151	9,639	9,535	8,933	8,132	7,034	4,151	31	6.33	955.7
1879.....	48,744,700	9,894	9,842	9,242	8,441	7,356	6,039	32	6.46	950.1
1880.....	50,155,783	10,353	10,358	9,742	8,925	7,820	6,519	33	6.59	944.5
1881.....	51,274,900	12,093	11,461	10,532	9,293	7,940	6,419	34	6.72	938.9
1882.....	52,441,700	12,367	11,791	10,867	9,642	8,221	6,822	35	6.85	933.3
1883.....	53,654,100	12,620	12,122	11,203	9,991	8,622	7,155	36	6.98	927.7
1884.....	54,919,358	10,891	10,440	9,676	8,671	7,655	6,311	37	7.11	922.1
1885.....	56,221,868	12,637	12,289	11,423	10,280	9,037	7,587	38	7.24	916.5
1886.....	57,447,100	11,396	11,148	10,382	9,388	8,311	7,155	39	7.37	910.9
1887.....	58,712,578	11,313	11,627	10,864	9,856	8,787	7,587	40	7.50	905.3
1888.....	60,071,114	12,623	13,498	12,646	11,512	10,390	8,911	41	7.63	899.7
1889.....	62,022,250	14,306	14,306	13,566	12,730	11,626	10,473	42	7.76	894.1
1890.....	63,521,196	15,509	15,409	14,462	13,383	11,163	9,822	43	7.89	888.5
1891.....	64,834,561	15,480	14,968	13,968	13,607	12,278	10,940	44	8.02	882.9
1892.....	66,067,900	17,204	16,771	15,624	14,771	13,618	12,437	45	8.15	877.3
1893.....	67,891,389	20,145	19,472	18,066	16,624	15,372	13,985	46	8.28	871.7
1894.....	68,748,950	22,232	21,621	20,096	18,621	16,967	15,541	47	8.41	866.1
1895.....	70,865,321	22,690	22,194	20,683	19,183	17,849	16,413	48	8.54	860.5
1896.....	71,274,142	23,286	22,909	21,407	19,865	18,507	17,277	49	8.67	854.9
1897.....	72,737,100	23,129	22,679	21,436	19,940	18,541	17,277	50	8.80	849.3
1898.....	73,960,220	23,944	23,817	22,366	20,883	19,440	18,101	51	8.93	843.7
1899.....	75,272,683	25,324	25,324	23,830	22,270	20,883	19,440	52	9.06	838.1
1900.....	77,262,743	26,484	26,484	25,099	23,610	22,270	20,883	53	9.19	832.5
1901.....	78,544,816	26,732	26,732	25,507	23,947	22,270	20,883	54	9.32	826.9
1902.....	79,900,289	27,585	27,585	26,495	24,934	23,241	21,613	55	9.45	821.3
1903.....	81,241,246	28,117	28,117	27,178	25,631	24,241	22,330	56	9.58	815.7
1904.....	82,684,061	29,040	29,040	28,241	26,606	25,096	23,330	57	9.71	810.1
1905.....	83,835,399	29,494	29,494	28,841	27,330	25,606	23,330	58	9.84	804.5
1906.....	85,126,781	29,666	29,666	29,184	27,710	26,096	23,710	59	9.97	798.9
1907.....	86,574,990	31,080	31,080	30,733	29,255	27,330	25,255	60	10.10	793.3
1908.....	88,161,309	34,838	34,838	34,653	33,916	31,016	29,255	61	10.23	787.7
1909.....	90,161,309	34,178	34,178	34,178	33,613	31,016	29,255	62	10.36	782.1
1910.....	91,972,266	36,805	36,805	36,805	33,348	31,016	29,255	63	10.49	776.5
1911.....	93,627,342	39,926	39,926	39,926	35,576	33,348	31,016	64	10.62	770.9
1912.....	95,545,236	42,053	42,053	42,053	38,829	35,576	33,348	65	10.75	765.3
1913.....	97,163,230	42,053	42,053	42,053	41,123	38,829	35,576	66	10.88	759.7
1914.....	98,781,324	42,053	42,053	42,053	41,372	38,829	35,576	67	11.01	754.1
1915.....	100,899,318	42,053	42,053	42,053	43,233	41,123	38,829	68	11.14	748.5
1916.....	102,017,312	42,053	42,053	42,053	43,233	41,123	38,829	69	11.27	742.9
1917.....	103,635,306	42,053	42,053	42,053	43,233	41,123	38,829	70	11.40	737.3
1918.....	105,253,300	37,915	37,915	37,915	37,915	37,915	37,915	71	11.53	731.7
Total.....	1,068,527	106,016	220,750	406,665	657,064	908,469	.....	.....	.....	.....

<sup>1</sup>United States Life Tables—Bureau of the Census, 1910, by James W. Glover.  
<sup>2</sup>Estimated.  
 Includes 651,781 collegiate first degrees and 406,778 degrees conferred by professional schools on those who had not previously received collegiate degrees.

Some conception of this rate of increase in the number of graduates may be gained from figure 9. These curves are index curves showing the comparative rates of increase in the total number of graduates receiving first degrees, both collegiate and professional, and in the total population. The original data upon which these curves depend are given in Table 5. The average number of first degrees conferred annually from 1870 to 1874, inclusive, was 9,889; in the interval 1875-1879, 9,862; in 1880-1884, 11,645; in 1885-1889, 12,623; in

1890-1894, 16,529; in 1895-1899, 23,056, in 1900-1904, 26,848; in 1905-1909, 30,823; in 1910-1914, 37,533; and in four-year period 1915-1918, 41,121. The average of these 10 average periods is 16,448. If this general average is divided into the averages for each interval, the index numbers shown at the top of figure 9 are secured. In a similar manner the averages of the total population for these respective intervals are found to be: 40,519,409; 46,167,361; 52,-

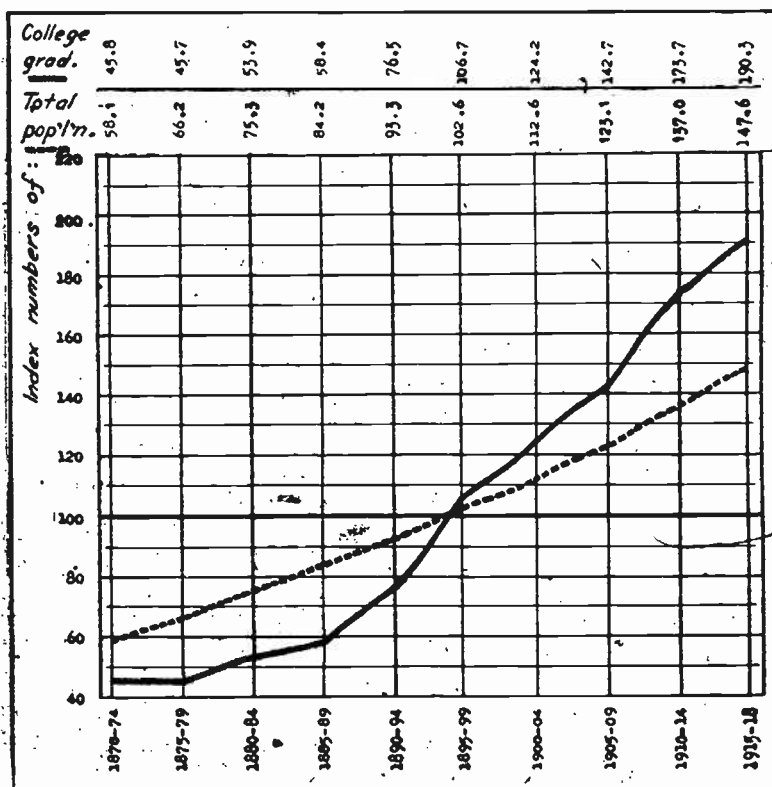


FIG. 9.—Index numbers showing the rates of increase in the total population and in the number of graduates receiving their first degrees, 1870-1918. (For original data see Table 1.)

489,168; 58,657,694; 64,991,459; 71,483,147; 78,444,375; 85,816,504; 95,477,620; and 102,826,309. The general average for these groups is found to be 69,687,335. If this general average is divided into the group averages, the index numbers for the total population given at the top of figure 9 are obtained. This method of securing index numbers eliminates irregularities in the curve, thereby showing general trends. The population curve is almost a straight line. The college graduate curve in all intervals, except the first three, rises the more rapidly and almost in a straight line. From 1870-1874 to

1885-1889 the slope of the graduate curve is not as steep as that for the population, indicating that the population during this period increased more rapidly than the number of students receiving first degrees from colleges and universities. Since the latter period the number of college graduates has increased much more rapidly than the total population. This fact unmistakably indicates that the

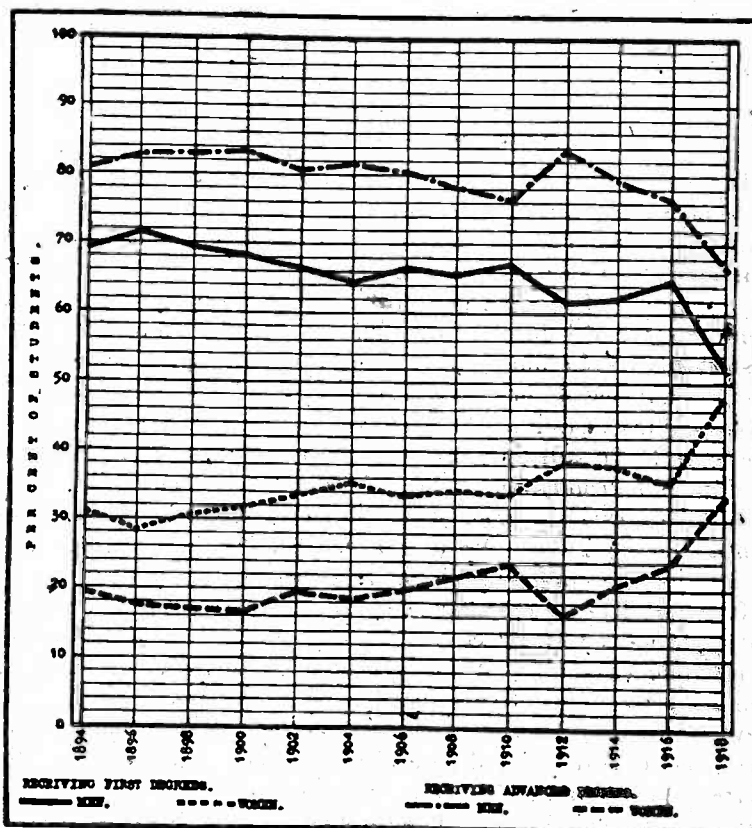


FIG. 10.—Per cent of men and women students receiving first degrees and advanced degrees in universities, colleges, and technological schools, 1894-1918.

Nation is becoming better educated from year to year as measured by the number of graduates receiving first degrees from college.

It is of interest to compare the proportion of men and women receiving degrees from universities and colleges. (Practically all degrees granted by professional schools are conferred on men, and so have not been included in this diagram.) In figure 10 it will be noted that in general the proportion of men receiving both first degrees and advanced degrees has decreased since 1894. Conversely, the proportion of women graduates has increased. These facts show

that the rate of increase in college graduation is more favorable to the women. It should be carefully noted in this connection that the number of men receiving first degrees has been about double the number of women receiving baccalaureate degrees, while the number of men receiving advanced degrees has been about four times as great as the number of women receiving such degrees. The effect of the war in reducing the percentage of men receiving degrees in 1918 is clearly in evidence, the curves for men falling abruptly in 1918 and those representing women graduates rising with an equal angle of inflection.

#### COLLEGE GRADUATES LIVING.

In Table 5 an attempt has been made to secure an approximate statement concerning the number of college graduates in the United States in 1918. This information is not collected decennially by the Bureau of the Census, nor has any attempt been made to enumerate the "brains" of the Nation. From the statistical reports of the Commissioner of Education the number of graduates receiving their first degrees from universities, colleges, technological schools, and professional schools has been ascertained for each year since 1870. In several instances it has been necessary to resort to estimates, which are held to be substantially correct. Only those graduates from professional schools have been included who had not already received a previous degree. It is believed, therefore, that the figures contain no duplicates. No attempt has been made to antedate 1870 in securing the number of college graduates, as all persons graduating before that date are probably over 70 years of age, and very many of them are not now on active duty. Further, as only 41 per cent of the graduating class in 1870 are estimated to be living in 1918, still smaller percentages of those graduating earlier than that date will now be living. Another consideration operating to cancel these omissions is that many college curricula offered in years preceding 1870 do not compare favorably with the diversified and thorough curricula offered to-day. It is believed, therefore, that for all practical purposes the table presents reliable statistics on the number of college graduates living in 1918. The total number of students graduating from college from 1870 to 1918, inclusive, is 1,058,527. Of this number, 908,469 are estimated to be living in 1918. In other words, almost 86 per cent of those graduating within this period of 49 years are still living. This percentage does not take into account the number of these graduates who have become incapacitated for active duty.

The estimated total population in 1918 is 105,253,300. There is, therefore, one college graduate living to-day for every 116 persons in the total population. If only the population 23 years of age and

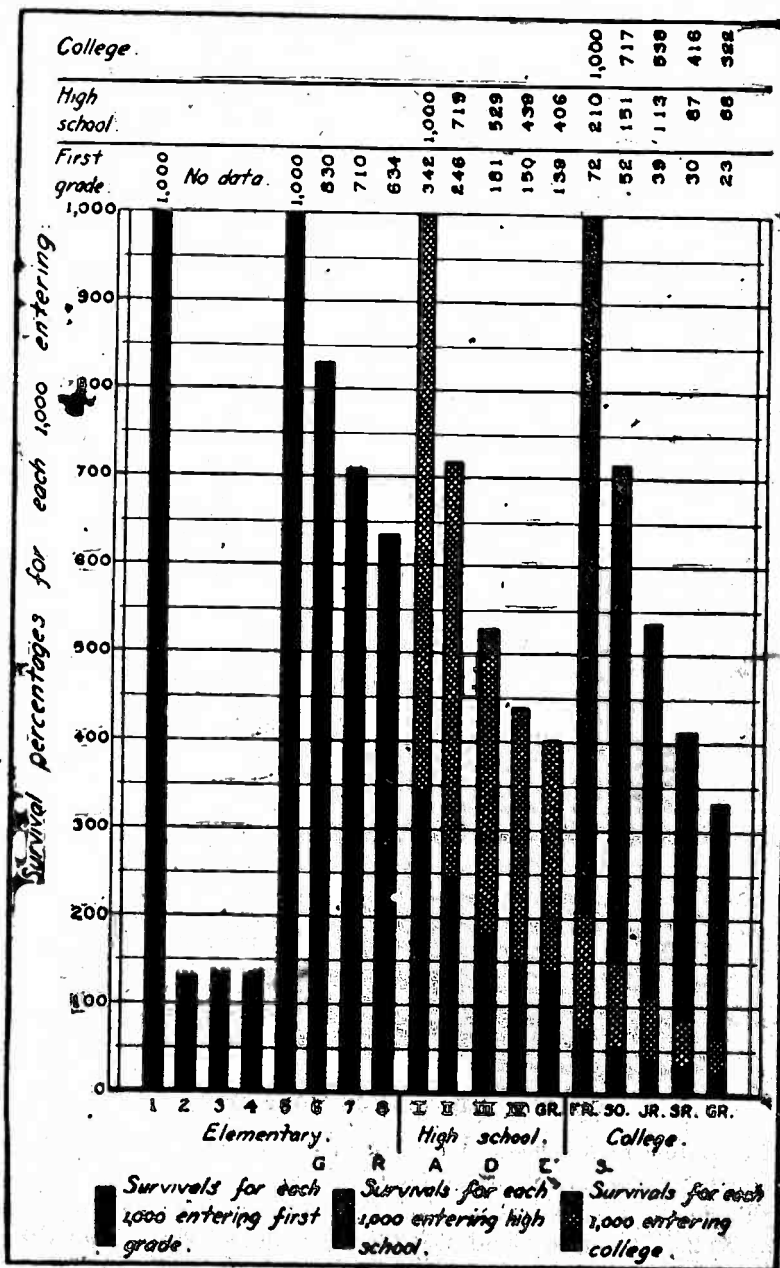


FIG. 11.—Number of pupils surviving to each grade of the elementary school, high school, and college for each 1,000 that begin. The bars, except the first, include retarded and accelerated pupils.

over is considered, the ratio becomes 1 college graduate to every 61 adults.

The death rates applied in securing the number of survivors have been taken from the United States life tables prepared by James W. Glover in 1910 for the Bureau of the Census. As college graduates should be better able than average citizens to guard and conserve their health and, therefore, to promote longevity, it is probable that the number of survivors is slightly too low. At present there is no known method of compensating for this minor error.

In computing the number of survivors it has been assumed that each class graduated at the age of 23. In the earlier years the usual age of graduation was a little over 23 years and in the later years a little under this age. Some, of course, graduate earlier; others later. These factors are practically compensating, if the average or median age of graduation has been chosen correctly.

TABLE 6.—Method employed in ascertaining college and university survival percentages.

Items.	1915	1916	1917	1918
Total collegiate enrollment.....	221,569 <sup>1</sup>	243,041	241,374	239,707
Per cent of collegiate students in—				
Freshman year.....	30.3	30.3	30.2	30.2
Sophomore year.....	25.7	25.7	26.3	26.3
Junior year.....	19.3	19.3	19.4	19.4
Senior year.....	15.7	15.7	15.1	15.1
Number of collegiate students in—				
Freshman year.....	67,668	65,515	94,619	63,965
Sophomore year.....	56,951	62,462	63,481	63,043
Junior year.....	42,769	46,907	46,837	46,503
Senior year.....	34,791	38,157	36,447	34,196
Baccalaureate degrees granted.....				28,432
Survival percentage, class entering in 1915.....	1,000	717	538	416
College graduates, class entering in 1915.....				323
Survival percentage for each 1,000 entering first grade.....	72	52	39	30
College graduates for each 1,000 entering first grade.....				23
Survival percentage for each 1,000 entering high school.....	210	151	113	87
College graduates for each 1,000 entering high school.....				68

<sup>1</sup> Estimated.

<sup>2</sup> These percentages are based on the returns from 313 colleges of liberal arts which reported their enrollment by classes for the autumns of 1916 and 1917 (see Higher Education Circular No. 9, April, 1918, Bureau of Education). It is assumed that the percentages for 1918 held for 1915 and that those for 1917 held for 1918. The reduction in the percentage of students enrolled in the first and fourth year of college between 1916 and 1917 was undoubtedly due to the war.

<sup>3</sup> In the report on State school systems a series of survival percentages for elementary and secondary schools is shown. If the factor of retardation is omitted from consideration these percentages become: First grade, 1,000; second grade, no data; third grade, no data; fourth grade, no data; fifth grade, 1,000; sixth grade, 630; seventh grade, 710; eighth grade, 634; first year high school, 342; second year high school, 246; third year high school, 181; fourth year high school, 150; and high school graduates (four-year schools), 136. In the accompanying text it is shown that 51.7 per cent of those graduating from a four-year high school enter college, or 72 out of the original 1,000.

#### SCHOOL AND COLLEGE MORTALITY.

For public high schools it is estimated that 93.7 per cent of all graduates have completed a four-year course, while for private high schools it is estimated that the corresponding percentage is only 89.2. It is also found that 28.6 per cent of those graduating from a four-year public high school go to college, while 40.1 of the graduates from four-year private high schools go to college the year following graduation. In 1914 160,606 students graduated

from public and 20,303 students from private high schools. Applying the percentages given above (93.7 and 89.2) to these totals, respectively, it is found that 150,488 students completed a four-year public high-school course and 18,110 students a four-year private high-school course in 1914, making a total of 168,598 students who were undoubtedly eligible to enter college in the fall of 1914. From public high-school statistics it is found that 28.6 per cent of the graduates of four-year schools will attend college the year following graduation. For private high schools the corresponding percentage is 40.1. Applying these percentages to the number of graduates given above, it is found that the public high schools send to college immediately 43,040 students, while the private high schools send an additional 7,262 students, making a total of 50,302 students. Theoretically at any rate high-school principals think that this number went to college immediately after graduation from high school in 1914.

The college returns show that the freshman class in collegiate work contained 87,088 students in 1914-15, which is 36,786, or 73 per cent, more than the high schools knew they had sent. This great discrepancy is probably due to two reasons: First, the high-school principal may not always know how many graduates go to college, as students may move from the community after graduation or a new principal may not be able to supply the data desired; second, students may not enter college immediately upon graduation from high school but at some later date. It is definitely known, however, that out of the 168,598 high-school graduates in 1914 an equivalent of 87,088 students were enrolled in the freshman classes at college the following fall. Some of these, of course, are repeating a part of the first-year collegiate work, but such students are relatively few in number and, therefore, are not deserving of consideration in this study. It is seen therefore that about 51.7 per cent of the graduates from four-year high schools go to college at some time.

This percentage is highly significant in that it forms a connecting link between the elementary and high school survival percentages on the one hand and those for colleges and universities on the other. In a footnote to Table 6 it is shown that 139 pupils will graduate from a four-year high school for each 1,000 that entered the first grade 12 years earlier. This transitional percentage (15.7 per cent) shows that 72 out of these 139 high-school graduates will go to college. Table 6 shows that 52 of these will become sophomores; 39, juniors; 30, seniors; and 23 will graduate. Thus it is seen that only 13.9 per cent of those entering the first grade will graduate from a four-year high school, and only 2.3 per cent of the original number will complete a college course.

Similar percentages have been ascertained for the number of survivals out of each 1,000 entering high school. On this basis it is found that 406 will graduate from high school, 210 will enter college, and 68 will complete a college course. Similarly it is found that for each 1,000 entering college 416 will become seniors and 322 will graduate. Since a large percentage of seniors in college left in 1918 to answer war demands, it is highly probable that under normal conditions a much larger percentage of seniors graduate than is here indicated, viz, only 77.4 per cent. This graph is especially significant since it shows the retentive power of our school system through the elementary, secondary, and higher grades. It should also be remembered that these college and university survival percentages do not represent special students or students enrolled in professional departments. Had it been possible to classify these students by years the survival percentages would have been considerably higher. All graduate students, in either graduate or professional departments, should not be included in this diagram, as they have previously passed beyond the limit represented in the graph. A decided drop occurs for the country as a whole between the eighth grade and first-year high school. As shown in the chapter on city school systems, this drop is not so pronounced in cities, where each child completing the elementary school work has an opportunity to attend high school. The loss between high school and college is also very pronounced, as best shown by the tops of the double-hatched bars in the diagram. Almost 30 per cent of the students enrolled in the first year of college do not enter the second year. The losses depicted from grade to grade in this diagram are sufficient to give concern to school administrators in all types of schools. There seems to be no measurable loss between the first grade and the fifth. Compulsory attendance laws are undoubtedly largely responsible for this condition.

#### LIBRARIES.

It is of interest to note the increasing size of college and university libraries, as outlined in figure 12. In 1890 the average size of the library was a little less than 7,000 volumes per institution. In 1918 the average number of volumes in the library had increased to almost 42,000. Within this period the increase was fivefold.

The average size of libraries is not so significant, however, as a distribution of institutions according to library facilities. This distribution is exhibited in figure 13. It will be observed that 258 institutions do not have so many as 10,000 volumes in their libraries. More than one-third of the libraries fall in this group. In the second group it is found that 142 libraries have from 10,000 to 19,999 volumes. By adding these two groups it is found that 400 libraries do not have so many as 20,000 volumes. Altogether, 517 college and



university libraries, or almost 77 per cent of the total number of institutions, have smaller libraries than the average previously shown, viz. 41,563. This asymmetrical distribution is caused by the fact that a few institutions have exceptionally large libraries. Thus 15 institutions have libraries with 210,000 volumes or over as follows: 223,470; 250,000; 253,000; 289,110; 298,856; 376,353; 410,573; 410,722; 451,000; 545,890; 557,931; 711,416; 1,100,000; and

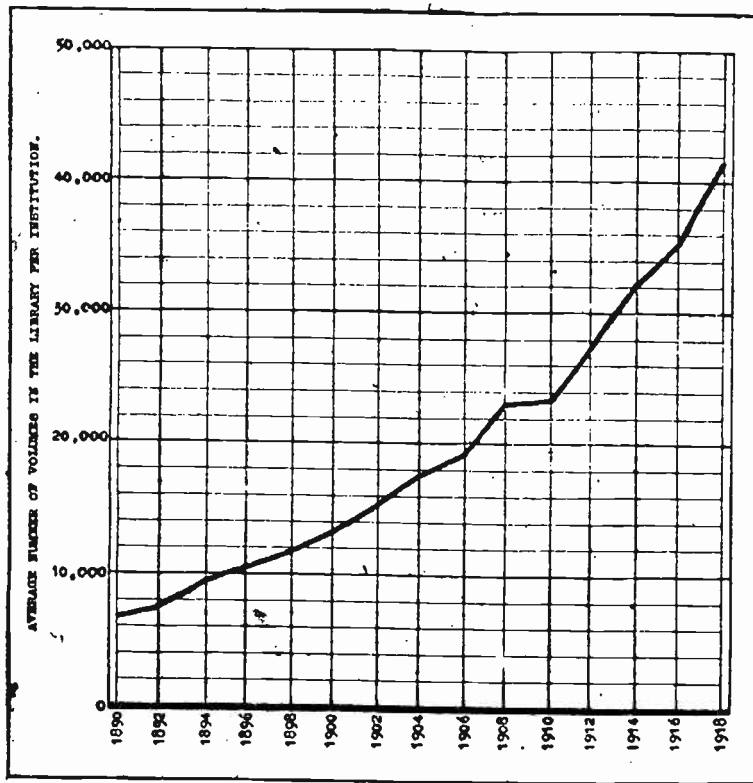


FIG. 12.—The average size of college and university libraries, 1890-1918.

1,241,500. The names of the institutions with these large libraries can be ascertained from the detailed tables. The largest library has about as many volumes as the 258 institutions having the smallest libraries. The total number of volumes in all libraries in 1918 was 23,025,736.

#### ENDOWMENT.

A distribution of universities, colleges, and professional schools according to the total value of endowment funds is shown in figure 14. From this diagram it is seen that 214 institutions did not report the

amount of endowment fund. The second bar represents 58 institutions having small endowment funds not exceeding \$50,000. At the other end of the figure it will be observed that 90 institutions have endowment funds exceeding \$1,000,000. In Table 1 the total value

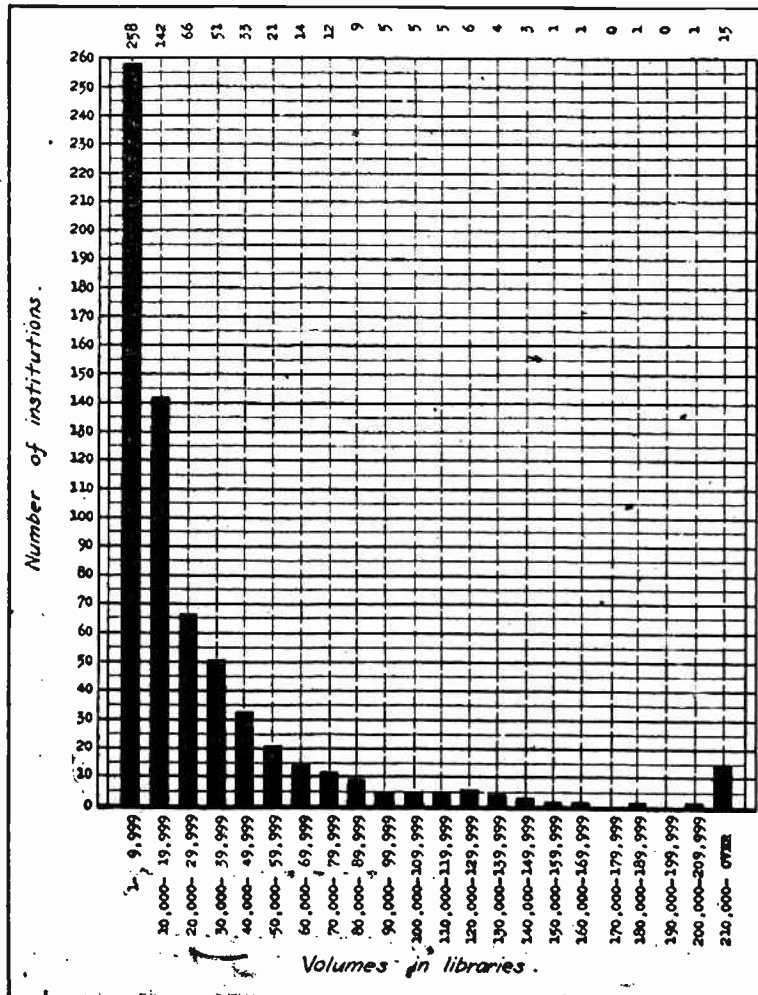


FIG. 13.—Distribution of 673 universities, colleges, and professional schools, according to the number of volumes in the library, 1917-18.

of endowment funds for each biennium since 1890 is shown. The amount of these productive funds in 1890 was only \$76,680,076, while in 1918 it was \$481,085,952. The increase in the amount of endowment funds has been more than quintupled within this 28-year period.

The amount of productive funds and the number of volumes in the libraries have increased at about the same rate.

A better measure as to the increase in endowment funds is found in the average value of such funds for each student enrolled. In

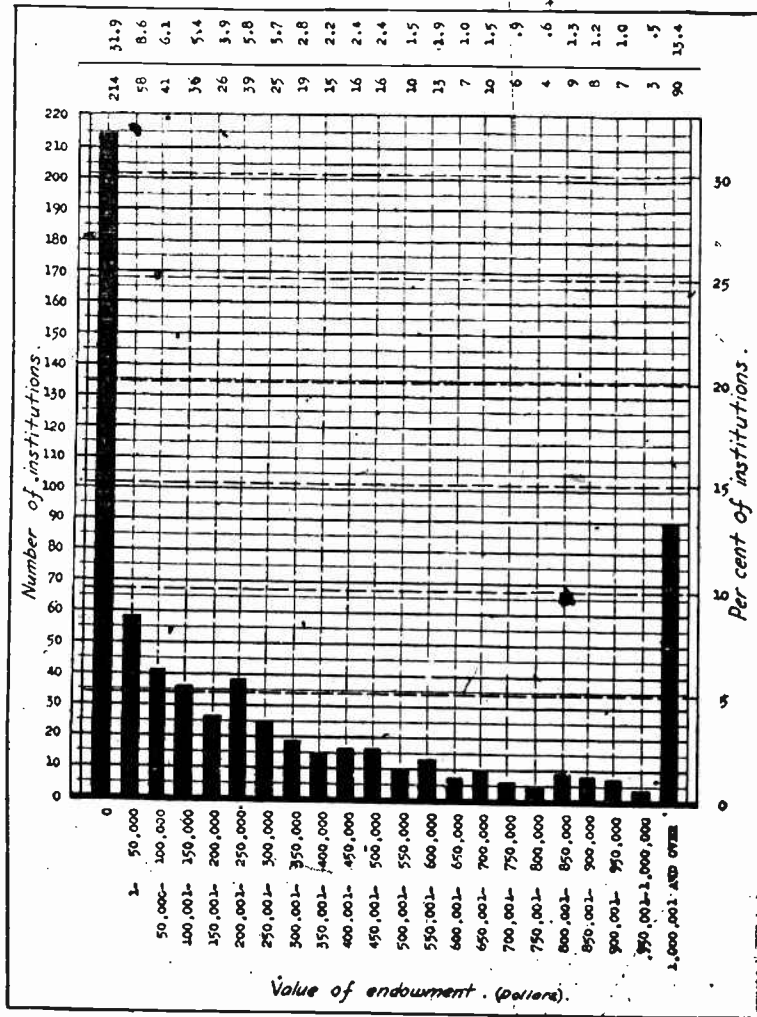


FIG. 14.—Distribution of universities, colleges, and professional schools according to the value of endowment funds, 1917-18.

1890 this average was only \$490 per student, while in 1918 it had increased to \$1,282 per student. The increase per student has been only 162 per cent, or a little over 2½ times as much per capita as it was in 1890. It is doubtful if this per capita increase in endowment

has kept pace with the necessarily increasing cost of giving students a college education. This statement is further supported by the fact presented in figure 18 where it is shown that the percentage of income derived from this source has decreased almost steadily within the last 28 years.

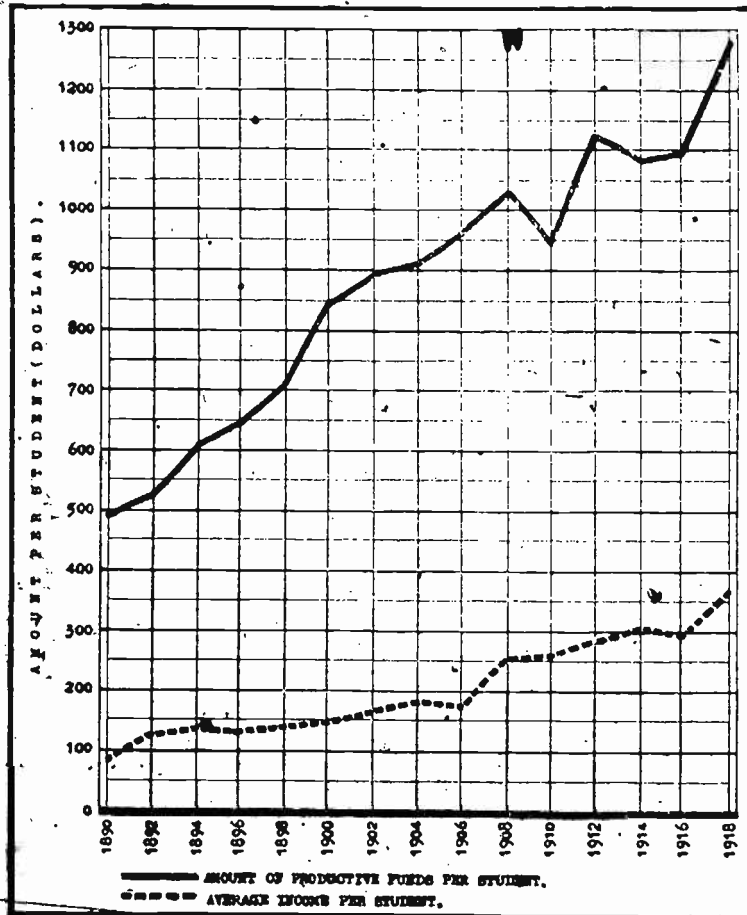


FIG. 16.—Income (excluding additions to endowment) and productive funds in universities, colleges, and technological schools, 1890-1918.

#### BENEFACCTIONS.

The aggregate of gifts and bequests—excluding grants by the United States, different States, and municipalities—reported for the year 1917-18 was \$27,829,142. Of this amount \$5,577,096 was for increase of plant, \$5,277,598 for current expenses, and \$16,758,588 for endowment. Thirty-six universities, colleges, and professional schools

reported gifts above \$100,000 received during 1917-18, amounting to \$19,582,483.

TABLE 7.--Benefactions.

States.	Institutions.	Amount.
California.....	University of California.....	\$240,461
Do.....	Pacific Unitarian School for the Ministry.....	130,191
Do.....	University of Southern California.....	1,158,810
Colorado.....	Colorado College.....	373,569
Connecticut.....	Yale University.....	2,862,062
District of Columbia.....	Catholic University of America.....	300,186
Georgia.....	Emory University.....	1,161,250
Illinois.....	University of Chicago.....	2,080,521
Do.....	Knox College.....	121,253
Indiana.....	Indiana Central University.....	270,900
Iowa.....	Dubuque College (Fourteenth Street).....	1,000,000
Kansas.....	Baker University.....	155,339
Maine.....	Bowdoin College.....	118,438
Do.....	Bates College.....	261,332
Maryland.....	Goucher College.....	223,123
Massachusetts.....	Amherst College.....	642,957
Do.....	Massachusetts College of Pharmacy.....	183,777
Do.....	Harvard University.....	1,179,315
Do.....	Massachusetts Institute of Technology.....	550,000
Do.....	Williams College.....	491,357
Michigan.....	University of Michigan.....	292,718
Minnesota.....	Carleton College.....	160,064
Missouri.....	Park College.....	221,497
Do.....	Washington University.....	133,326
New Hampshire.....	Dartmouth College.....	105,256
New Jersey.....	Drew Theological Seminary.....	155,000
Do.....	Rutgers College.....	152,419
Do.....	Princeton University.....	273,838
New York.....	Cornell University.....	111,863
Do.....	Harvard College.....	202,212
Do.....	Bible Teachers Training School.....	139,713
Do.....	Columbia University.....	282,462
Do.....	Vassar College.....	273,683
Do.....	University of Rochester.....	140,330
Ohio.....	Ohio Wesleyan University.....	186,368
Do.....	Kenyon College.....	109,625
Do.....	Wilmington College.....	101,000
Oklahoma.....	Phillips University.....	111,180
Pennsylvania.....	Bryn Mawr College.....	114,335
Do.....	Lafayette College.....	158,426
Do.....	Haverford College.....	122,410
Do.....	University of Pennsylvania.....	1,062,989
Do.....	Swarthmore College.....	186,905
Tennessee.....	Vanderbilt University.....	454,518
Virginia.....	Union Theological Seminary.....	152,817
Wisconsin.....	Lawrence College.....	252,588
	Total.....	19,582,483

VALUE OF ALL PROPERTY.

The total value of all property owned by universities, colleges, and professional schools is shown for biennial dates in Table 1. These totals lack significance unless per capita or average values are secured. Figure 16 shows the average value of all property per student (total enrollment) and the corresponding average per institution. In 1890 the average value of property per student was only \$542, while in 1918 it had increased to \$1,396. (The last average is unusually high, since the war reduced the student body slightly.) The increase per student has been, therefore, 158 per cent within this period. In other phrasology, the average value of property per student is now over two and one-half times what it was 28 years ago. The average value of property per institution increased from

\$129,183 in 1890 to \$945,530 in 1918. The increase in the importance of an institution as measured by property values has been 632 per cent within the last 28 years. The average college or university of to-day has property valued at about \$1,000,000, exclusive of productive endowment funds.

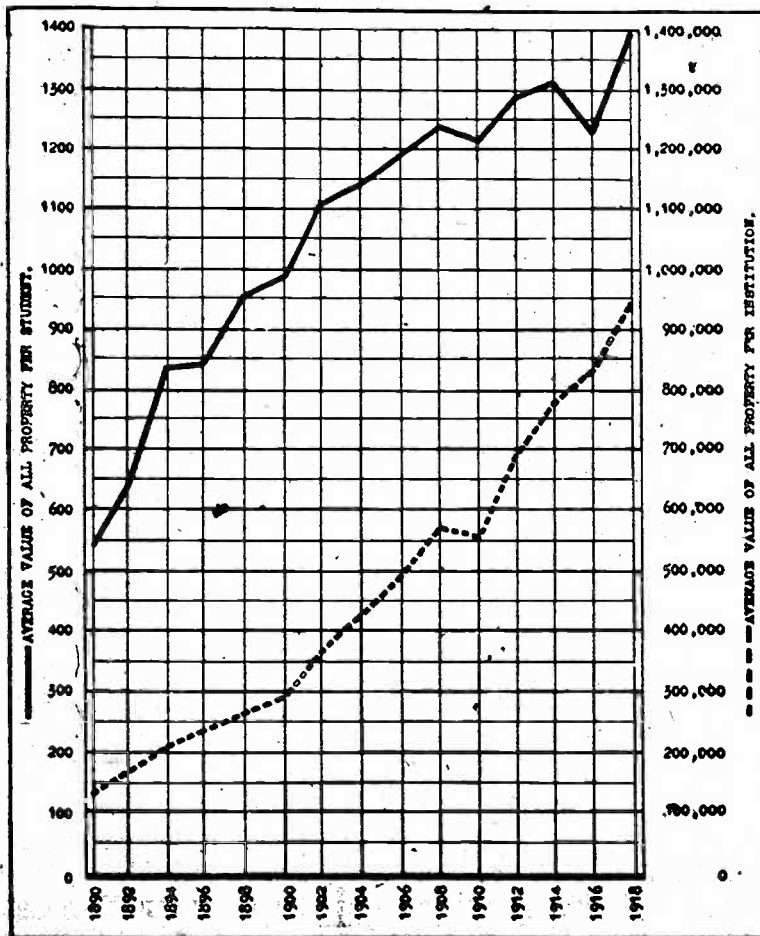


FIG. 16.—The average value of property in universities, colleges, and professional schools, 1917-18.

#### PROFESSIONAL SCHOOLS.

As shown in Table 15, in schools of theology; 8,574 men and 780 women were enrolled; 10,998 men and 822 women in schools of law; 13,160 men and 643 women in schools of medicine; 1,250 men, in veterinary medicine, 8,185 men and 129 women in schools of dentistry, and 3,597 men and 456 women in schools of pharmacy. These

totals include all students in professional departments of colleges and universities and in independent professional schools. In 1916 the schools of theology enrolled 11,291 men and 760 women; schools of law, 22,306 men and 687 women; schools of medicine, 14,105 men and 662 women; schools of veterinary medicine, 3,064 men; schools of dentistry, 10,521 men and 194 women; and schools of pharmacy, 5,688 men and 346 women. Within this period of two years the number of students in schools of theology decreased by 2,797; in law schools, by 15,173; in medical schools, by 965; in schools of veterinary medicine, by 1,814; in schools of dentistry, by 2,041; and in schools of pharmacy, by 1,981. These enormous decreases were undoubtedly due to war conditions. The medical schools were least affected of any of the professional schools during this period. An order of the War Department permitted medical and dental students to complete their course and exempted them temporarily from the operation of the draft laws.

As shown in Table 21, schools of theology conferred 816 degrees on men and 12 on women; schools of law, 2,272 degrees on men and 97 on women; schools of medicine, 2,339 degrees on men and 84 on women; schools of veterinary medicine, 475 degrees on men; schools of dentistry, 2,601 degrees on men and 33 on women; and schools of pharmacy, 1,037 degrees on men and 13 on women. The number of degrees conferred by these professional schools is considerably less than the number conferred in 1916, as shown below, except in dentistry; in theology, 2,090; in law, 4,323; in medicine, 3,436; in veterinary medicine, 759; and in pharmacy, 1,796. In dentistry the number of degrees conferred in 1918 was greater than the number conferred in 1916, which was only 1,852. The total number of degrees conferred by these professional schools in 1916 was 14,256, while the corresponding number conferred in 1918 was only 9,863, or a decrease of almost 31 per cent.

#### TUITION FEES IN LAW, MEDICINE AND DENTISTRY.

The annual tuition rates charged in schools of law, medicine, and dentistry are exhibited in figure 17. The most usual fee charged in schools of law is in the \$100 group; while the most frequent ones charged for medical courses and courses in dentistry fall in the \$150 group. One school charges \$200 for a law course, a school of medicine charges \$250, and a school of dentistry charges \$210. The tuition fees charged in schools of law and schools of medicine are scattered over a wide range, while greater uniformity prevails among schools offering courses in dentistry.

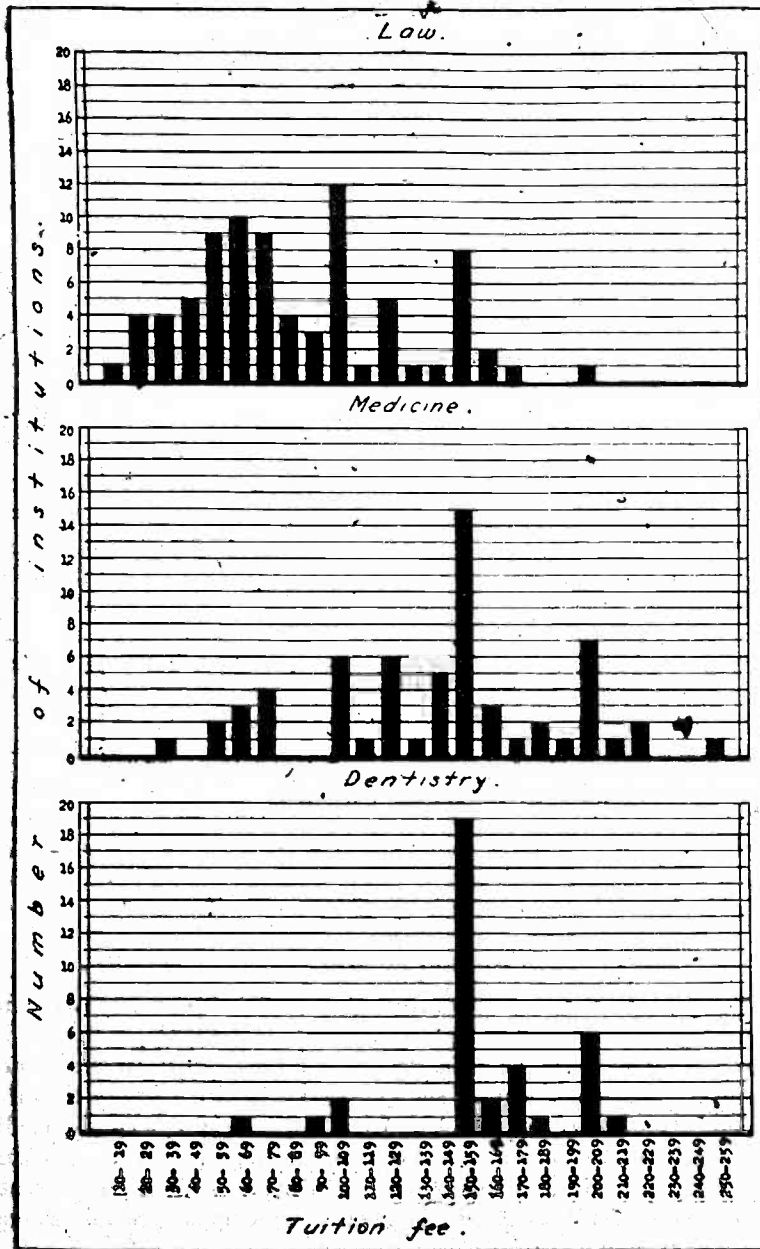


FIG. 17.—The annual tuition-fees charged by professional schools for courses in law, medicine, and dentistry, 1917-18.



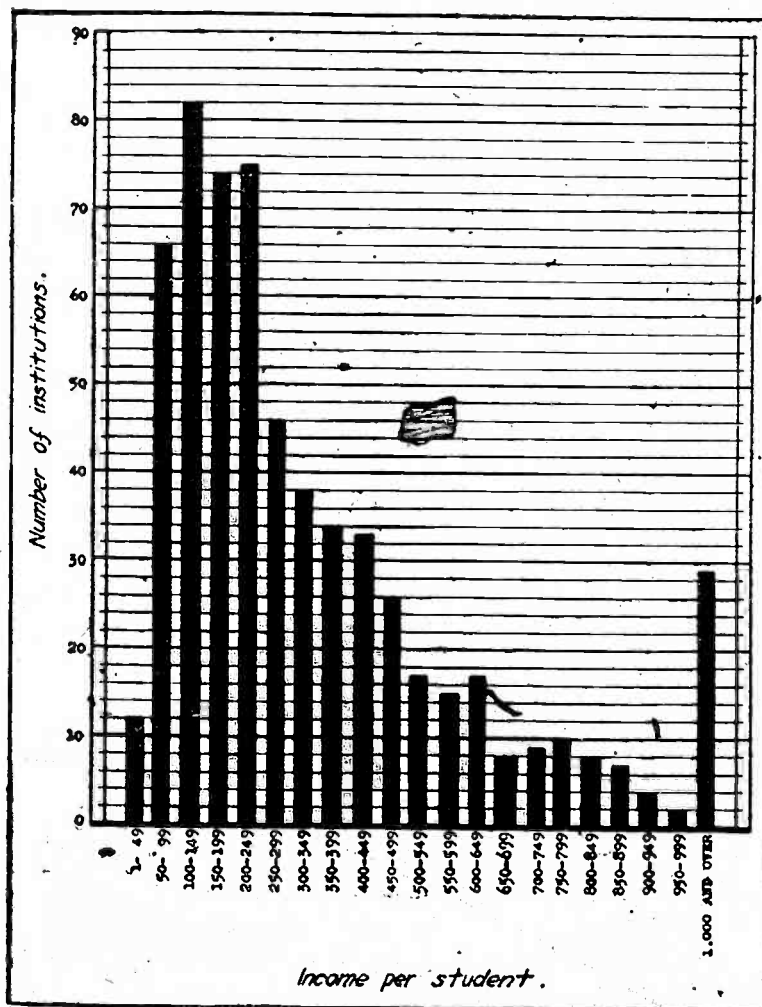


FIG. 18.—Distribution of 672 universities, colleges, and professional schools according to the income per student, exclusive of additions to endowment, 1917-18.

## INCOME.

The total receipts of universities, colleges, and professional schools in 1918 was \$153,801,555, including additions to endowments. The total "working" income, excluding additions to endowment, was \$137,055,415. In 1892 the total income amounted to \$27,894,163, while the "working" income aggregated \$21,209,578. From these corresponding amounts it is found that the total income of colleges, universities, and professional schools increased 453 per cent within

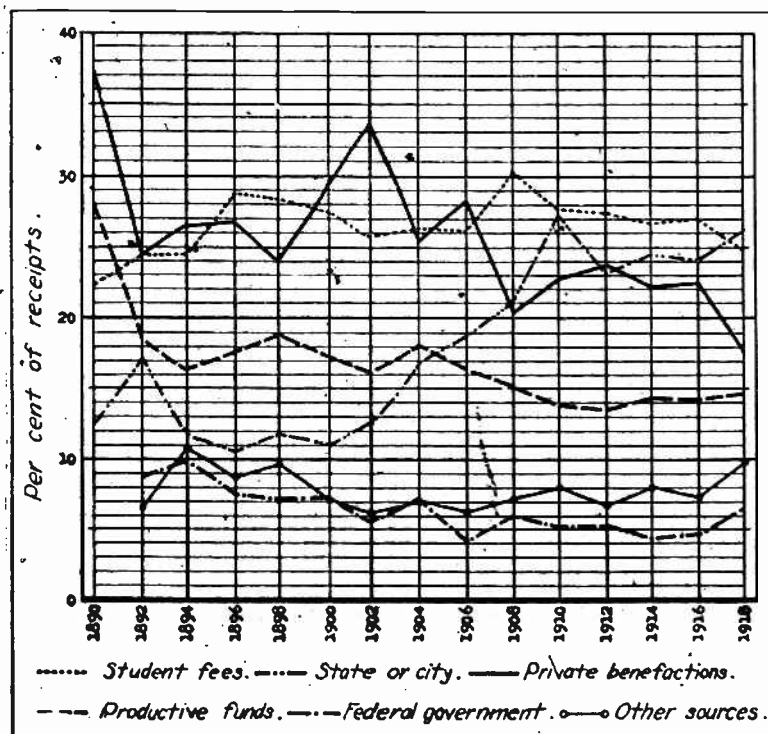


FIG. 19.—Per cent of income of universities, colleges, and technological schools derived from the various sources, 1890-1918.

this 26-year period, while the "working" income increased 547 per cent within the same period. These increases are not so significant as the per capita exhibited in figure 15. In that diagram it is found that the average working income per student in 1892 was only \$68, while in 1918 it had increased to \$365. This increase amounts to 437 per cent. In other words, it now costs over five times as much per year to provide education for a college student as it did 26 years ago. The rate of increase has been quite regular within this period and does not show any sudden increases except in 1918, which

is undoubtedly accounted for by an unexpected decrease in the student body due to war conditions. The statistics for income in 1890 seem to be unreliable, since all sources of income were not sought at that time in the statistical inquiry.

The average income per student indicates only a general trend, as all institutions do not have these averages. A clearer conception as to this variation among the different institutions is gained from figure 18. Here the universities, colleges, and professional schools have been distributed according to the average income per student. Only 12 institutions receive less than \$50 per student; 66 receive from \$50 to \$99; 82 receive from \$100 to \$149, etc. More institutions fall in this \$100-\$149 group than in any other. The four longest bars, representing 297 institutions, show an average income per student ranging from \$50 to \$249. The average income of \$365 is not typical of a very large number of schools. A few schools, 29 in number, have a "working" income of \$1,000 or more for each student enrolled.

#### PER CENT OF INCOME FROM EACH SOURCE.

A careful analysis of figure 19 shows that considerable change has taken place since 1892 in the percentage of revenue of universities, colleges, and professional schools derived from the various sources. The percentage derived from student fees has remained practically constant, beginning and ending near the 25 per cent line. The proportion derived from productive funds has decreased from 18.5 per cent in 1892 to 14.6 per cent in 1918. The percentage derived from the State and city was lowest in 1896, when the percentage was only 10.6, and highest in 1918, when 27.2 per cent was derived from these sources. The percentage derived from private benefactions has shown considerable fluctuation, but in general has decreased within the period represented. While the amount of Federal aid to universities and colleges has increased in general, the proportion of revenue derived from this source has almost steadily decreased in comparison with the amount derived from other sources. The proportion received from incidental sources has remained practically constant. In general these higher institutions are coming more and more to depend upon the State or city for support and less on income from productive funds, private benefactions, and Federal support.

TABLE 8.—Per cent of income of public and private universities, colleges, and professional schools derived from the various sources, 1917-18.

States.	Public.				Private.			
	From productive funds.	From United States Government, State, or city.	From private benefactions.	From student fees and other sources.	From productive funds.	From United States Government, State, or city.	From private benefactions.	From student fees and other sources.
1	2	3	4	5	6	7	8	9
United States.....	3.9	72.9	0.7	22.5	27.7	3.8	11.3	51.2
Alabama.....	19.8	60.9	.8	18.5	4.0		8.2	87.2
Arizona.....	3.3	82.3		14.4				
Arkansas.....	1.7	92.0		6.3	9.7		5.0	81.7
California.....	6.2	65.2	3.3	25.3	43.3		6.4	50.3
Colorado.....	2.1	79.7		18.2	30.2		3.7	66.1
Connecticut.....	1.5	57.3		41.2	37.1		45.2	17.4
Delaware.....	6.2	66.6	7.1	20.1				
Dist. Columbia.....	6.1	45.3	1.4	47.2	12.8		15.3	71.9
Florida.....	2.6	68.5	10.6	18.3	36.9		14.9	48.2
Georgia.....	3.8	74.4	.3	21.5	13.2		43.7	43.1
Idaho.....	17.9	77.0		5.1	23.7		56.4	19.9
Illinois.....	1.0	81.1	1.2	16.7	37.8		13.0	49.2
Indiana.....	3.9	70.9		25.2	27.4		6.7	65.9
Iowa.....	1.5	72.8		25.7	20.4		14.6	65.0
Kansas.....	1.5	73.2		25.3	15.4		16.6	68.9
Kentucky.....	1.4	58.2	.4	40.0	10.9		12.2	67.9
Louisiana.....	3.8	70.4		25.8	30.0		11.1	49.9
Maine.....	2.6	65.1		32.3	46.0		31.3	22.7
Maryland.....	.2	88.3		1.5	5.3	8.1	15.3	71.3
Massachusetts.....	1.5	72.6		25.9	22.1	2.1	12.2	53.3
Michigan.....	4.1	57.6	3.6	34.7	21.2		27.6	48.2
Minnesota.....	2.0	69.2		28.8	11.2		20.7	65.1
Mississippi.....	6.4	40.5	.3	46.8	7.0		6.8	86.7
Missouri.....	0.0	66.2		27.8	28.1		14.5	57.6
Montana.....	4.3	84.2		11.5				
Nebraska.....	3.3	75.0		21.7	34.6		19.6	45.8
Nevada.....	5.1	79.7		15.2				
New Hampshire.....	10.7	60.1		29.2	33.9	2.0	15.4	48.1
New Jersey.....					28.5	13.1	21.4	37.0
New Mexico.....	10.2	73.2		16.6				
New York.....		97.2		2.8	25.2	8.7	8.4	57.7
North Carolina.....	2.5	68.8	.6	28.1	22.1		7.8	70.1
North Dakota.....	17.4	58.5		21.1	8.3		31.6	57.1
Ohio.....	4.0	76.0	.7	19.3	29.7	.1	25.8	47.1
Oklahoma.....	10.1	82.0		7.9	16.6		28.9	54.5
Oregon.....	2.0	81.1		13.9	20.2		13.2	57.6
Pennsylvania.....	2.8	77.0		20.2	23.9	11.3	7.0	50.9
Rhode Island.....	1.2	64.3		34.5				
South Carolina.....	2.1	68.7		29.2	10.7		12.5	76.8
South Dakota.....	5.4	83.9		10.7	30.0		21.8	48.3
Tennessee.....	1.9	91.6	.3	6.2	25.1	1.5	16.4	57.0
Texas.....	7.2	62.6	.2	30.0	35.2		8.7	50.1
Utah.....		82.3		17.7				
Vermont.....	9.2	42.7		48.1	22.0		1.4	54.4
Virginia.....	9.6	39.6	1.1	49.7	15.7		12.7	70.6
Washington.....	5.7	72.3		22.0	22.0		.5	77.5
West Virginia.....	.9	87.8		11.3	19.1		2.6	78.3
Wisconsin.....	1.3	66.2	.8	31.7	26.1		11.7	62.2
Wyoming.....	6.9	74.9	.3	17.9				

In figures 20 and 21 the percentage of revenue of universities, colleges, and professional schools derived from the various sources is shown by States for public and private institutions.

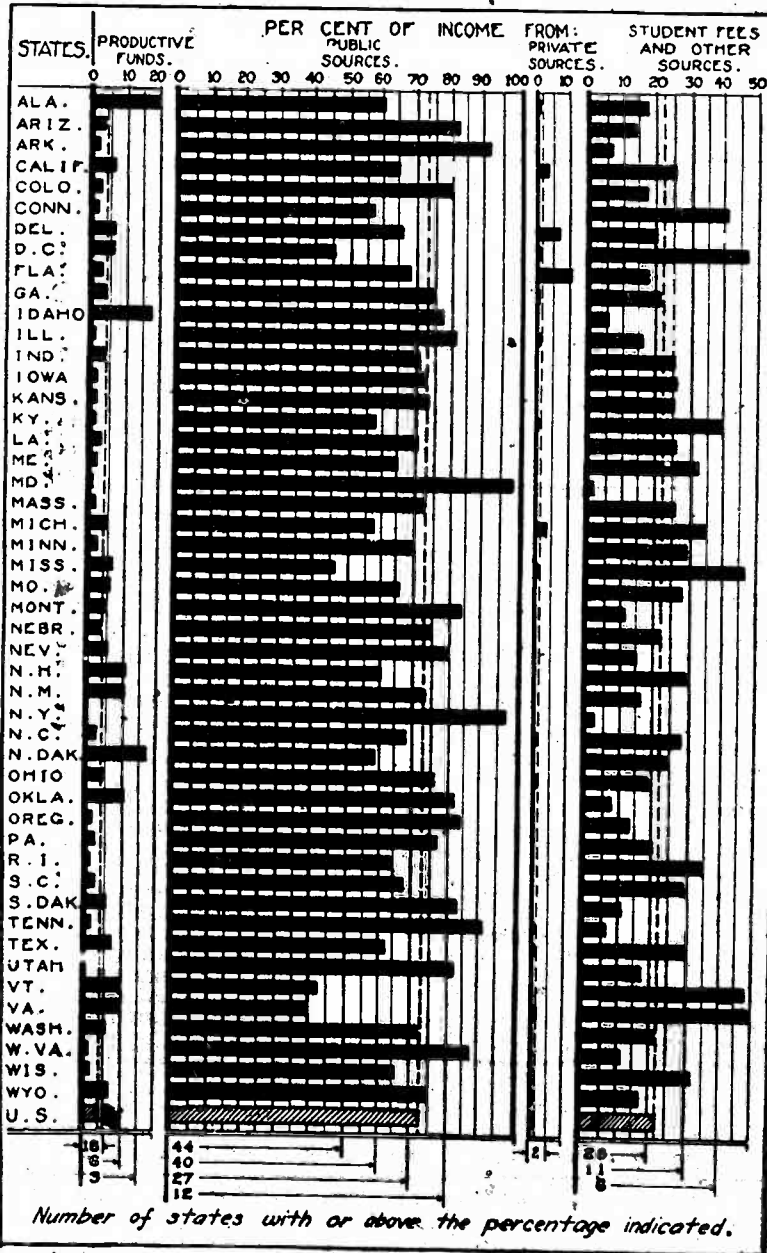


FIG. 20.—Per cent of income of public universities, colleges, and professional schools derived from the sources indicated 1917-18.

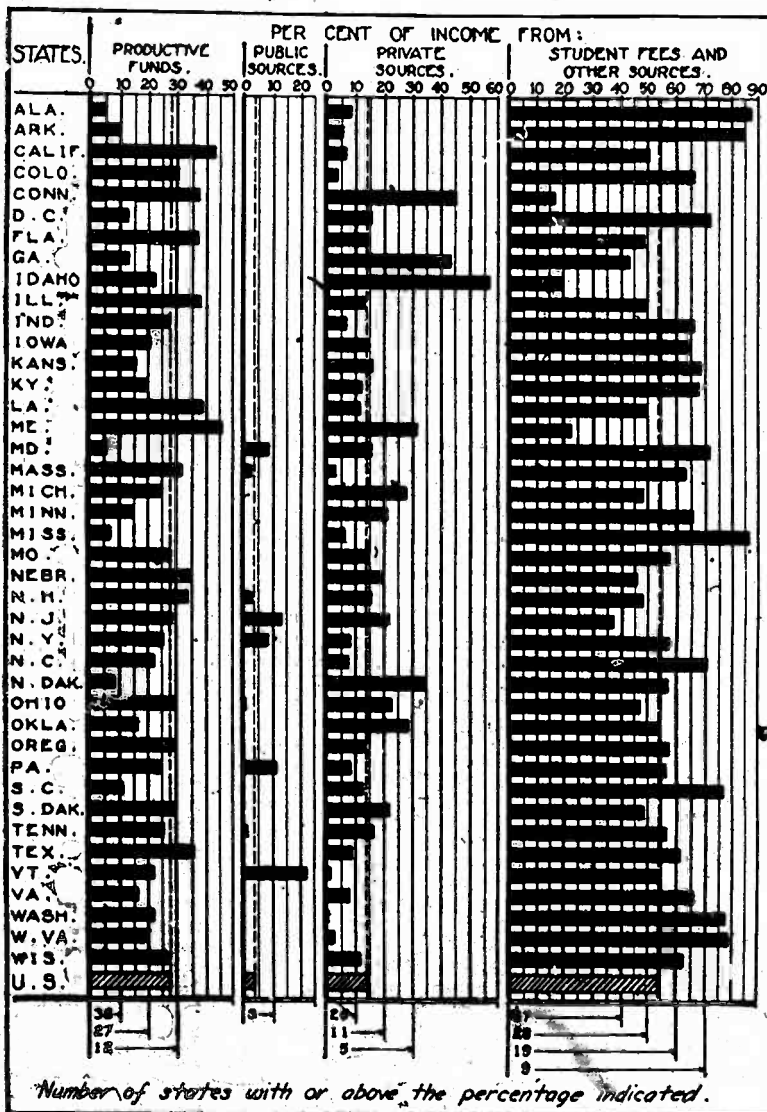


FIG. 21.—Per cent of income of private universities, colleges, and professional schools derived from the various sources indicated, 1917-18.

The public institutions as a general rule derive a very small proportion of their revenue from productive funds. Almost a negligible percentage is secured from private benefactions. The great bulk of the income of these institutions comes from public sources, and from student fees and other sources. Alabama, Idaho, and North Dakota are conspicuous because of the unusually high percentages of revenue derived from productive funds. Delaware and Florida derive comparatively high proportions of their income from private sources. The District of Columbia, Mississippi, Vermont, and Virginia get relatively small percentages of income from public sources. The public institutions in Arkansas, Maryland, and New York derive practically all their income from public sources.

The private institutions, except in Vermont, get very little revenue from public sources. The greatest proportion of revenue comes from student fees and other sources. A considerable proportion also comes from productive funds and private sources. Connecticut, Idaho, and Illinois are conspicuous for the large proportion of income derived from private sources. The private institutions in California, Connecticut, Florida, Illinois, Louisiana, Maine, and Texas receive relatively large percentages of revenue from productive funds. In Alabama, Arkansas, District of Columbia, Maryland, Mississippi, North Carolina, South Carolina, Washington, and West Virginia over 70 per cent of the income of these private schools is derived from student fees and other incidental sources.

#### SPECIAL COURSES.

Table 17 shows the number of students enrolled in the various special courses offered by universities, colleges, and professional schools. In short winter courses 12,096 students were enrolled, consisting of 8,429 men and 3,667 women. In extension courses 15,063 men and 17,817 women were registered, making a total of 32,880 students. In correspondence courses there were 2,879 men and 2,459 women, or a total of 5,338 students.

In the summer schools of these higher institutions in 1917 25,538 men and 52,521 women were enrolled. The number of women was more than double the number of men in these schools.

TABLE 9.—Professors and instructors in universities, colleges, and professional schools in 1917-18.

States.	Institutions.	Proprietary departments.		Collegiate departments.		Professional departments. <sup>1</sup>		Other departments.		Total number (excluding duplicates.)	
		Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
1	2	3	4	5	6	7	8	9	10	11	12
Continental United States.	672	3,804	1,223	18,358	4,980	2,935	228	591	936	29,309	7,013
Alabama.	11	56	22	205	67	46	0	2	19	287	96
Arizona.	1	0	0	48	12	4	0	0	0	52	12
Arkansas.	9	10	16	78	38	67	0	6	17	160	71
California.	22	24	5	831	133	458	15	19	40	1,348	163
Colorado.	9	43	24	291	114	148	4	9	16	470	145
Connecticut.	7	0	0	335	24	131	2	0	0	466	28
Delaware.	1	0	0	41	9	0	0	0	0	41	9
Dist. Columbia.	10	13	9	246	42	435	13	13	7	641	65
Florida.	4	20	19	97	40	4	0	2	11	192	57
Georgia.	18	44	25	270	106	146	0	17	38	441	171
Idaho.	2	16	10	94	32	3	0	0	0	100	33
Illinois.	47	122	131	1,292	333	996	28	33	72	2,231	531
Indiana.	18	52	25	552	106	88	0	15	37	694	167
Iowa.	23	90	68	624	292	127	5	59	60	847	398
Kansas.	20	110	47	368	168	94	3	47	44	497	258
Kentucky.	14	49	24	164	58	153	0	6	9	366	90
Louisiana.	6	5	9	122	64	311	5	5	7	421	83
Maine.	1	0	0	155	11	56	0	0	0	211	11
Maryland.	18	82	22	415	81	269	15	2	8	790	126
Massachusetts.	27	25	9	1,274	425	614	13	3	7	1,941	445
Michigan.	16	35	7	678	80	387	1	11	7	1,006	93
Minnesota.	18	141	37	450	102	253	4	20	26	850	169
Mississippi.	10	10	39	106	108	11	0	24	38	151	180
Missouri.	31	51	63	552	83	379	10	9	40	982	187
Montana.	3	2	3	82	26	6	0	22	3	112	32
Nebraska.	9	64	40	190	69	177	2	6	11	435	109
Nevada.	1	0	0	38	10	0	0	0	0	38	10
New Hampshire.	3	16	0	171	7	16	0	0	0	192	8
New Jersey.	11	19	43	317	25	54	1	0	0	382	66
New Mexico.	3	13	4	46	7	0	0	0	0	59	11
New York.	47	133	82	2,498	668	1,682	31	16	4	4,329	785
North Carolina.	10	30	65	271	80	53	0	6	28	348	166
North Dakota.	4	50	26	100	34	17	0	2	9	144	59
Ohio.	44	112	34	1,143	311	607	3	21	36	1,759	378
Oklahoma.	6	12	9	163	74	94	5	3	15	273	97
Oregon.	12	22	12	212	65	94	5	2	12	296	91
Pennsylvania.	49	116	29	1,305	318	982	47	112	105	2,493	458
Rhode Island.	2	0	0	84	10	0	0	0	0	84	10
South Carolina.	16	13	9	211	57	6	0	2	23	226	82
South Dakota.	7	20	36	106	43	7	0	10	10	136	76
Tennessee.	18	41	63	241	77	334	2	11	48	613	174
Texas.	17	24	38	391	163	98	9	15	40	515	236
Utah.	2	12	5	95	30	25	0	0	0	133	35
Vermont.	4	5	0	104	7	44	0	1	0	151	7
Virginia.	28	27	69	330	109	100	1	12	61	562	217
Washington.	4	23	4	222	53	43	0	2	5	300	62
West Virginia.	4	7	14	86	23	14	0	3	5	110	42
Wisconsin.	11	25	6	517	142	232	4	13	38	723	181
Wyoming.	1	10	17	18	9	0	0	4	2	51	27
Outlying possessions.											
Hawaii.	1			15	8					15	8
Porto Rico.	1	25	8	16	2					28	8

<sup>1</sup> Including engineering.<sup>2</sup> Includes theology, law, medicine, veterinary medicine, dentistry, and pharmacy.



TABLE 10.—Number of undergraduate and graduate students in public universities, colleges, and technological schools in 1917-18

States.	Insti- tu- tions.	College departments.			Graduate departments.			Total number of under- graduate and grad- uate students.		
		Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
		3	4	5	6	7	8	9	10	11
Continental United States	111	59,410	41,887	101,297	2,752	2,132	4,884	52,162	44,019	96,181
Alabama	3	1,309	512	1,821	12	0	12	1,121	512	1,633
Arizona	1	261	196	457	10	20	30	213	216	429
Arkansas	1	318	247	565	1	4	5	319	250	569
California	7	2,788	3,441	6,229	238	510	748	3,026	3,954	6,980
Colorado	4	1,176	2,300	3,476	69	66	135	1,215	2,366	3,581
Connecticut	1	112	23	137	0	0	0	112	23	137
Delaware	1	216	117	333	0	0	0	216	117	333
Dist. of Columbia	2	335	229	564	1	0	1	336	229	565
Florida	2	296	361	657	13	11	24	308	372	680
Georgia	3	1,487	12	1,499	14	6	20	1,501	18	1,519
Idaho	2	255	208	463	6	7	13	261	215	476
Illinois	2	2,806	1,385	4,191	298	77	375	3,104	1,462	4,566
Indiana	2	2,151	1,675	3,826	116	89	205	2,267	1,764	4,031
Iowa	3	2,593	2,612	5,205	322	283	582	2,915	2,872	5,787
Kansas	3	1,856	1,465	3,321	65	56	121	1,923	1,521	3,444
Kentucky	2	533	407	940	19	23	42	532	430	962
Louisiana	1	509	360	869	19	9	28	528	269	797
Maine	1	611	223	834	4	5	9	615	228	843
Maryland	2	1,337	3	1,340	10	0	10	1,347	3	1,350
Massachusetts	1	388	24	412	28	1	29	416	23	441
Michigan	5	4,536	1,834	6,370	192	82	274	4,728	1,916	6,644
Minnesota	3	1,877	1,832	3,709	221	106	327	2,098	1,938	4,036
Mississippi	3	865	759	1,624	3	0	3	868	769	1,637
Missouri	2	2,269	1,520	3,788	117	73	190	2,326	1,602	3,928
Montana	3	478	573	1,051	6	9	15	484	582	1,066
Nebraska	1	1,424	1,780	3,204	12	175	302	1,551	1,955	3,506
Nevada	1	151	162	313	3	8	11	154	170	324
New Hampshire	1	395	159	554	0	0	0	395	159	554
New Jersey	0	0	0	0	0	0	0	0	0	0
New Mexico	3	137	115	252	1	0	1	138	115	253
New York	5	4,176	2,740	6,916	5	10	15	4,181	2,745	6,926
North Carolina	2	1,118	11	1,129	37	4	41	1,135	15	1,150
North Dakota	2	451	529	980	14	7	21	465	536	1,001
Ohio	6	4,749	4,447	9,196	164	163	327	4,913	4,810	9,723
Oklahoma	3	1,159	920	2,079	29	21	50	1,188	941	2,129
Oregon	2	1,283	1,189	2,472	22	10	32	1,305	1,199	2,504
Pennsylvania	1	1,743	257	2,000	40	3	43	1,783	260	2,043
Rhode Island	1	194	47	241	0	2	2	194	49	243
South Carolina	4	1,404	27	1,431	28	11	39	1,432	38	1,470
South Dakota	3	440	426	876	7	4	11	447	440	887
Tennessee	1	407	247	654	7	3	10	414	250	664
Texas	3	1,737	1,800	3,537	38	27	65	1,775	1,827	3,602
Utah	2	650	780	1,430	36	4	40	690	784	1,474
Vermont	1	295	179	474	2	2	4	297	181	478
Virginia	4	1,980	3	1,983	24	0	24	2,004	3	2,007
Washington	2	1,655	1,848	3,503	134	130	264	1,789	2,018	3,807
West Virginia	1	542	229	771	10	15	34	561	244	805
Wisconsin	1	1,988	1,636	3,624	228	125	353	2,226	1,761	3,987
Wyoming	1	78	114	192	2	0	2	80	114	194
Outlying possessions:										
Hawaii	1	45	14	59	0	2	2	45	16	61
Porto Rico	1	24	40	64	0	0	0	24	49	73

TABLE 11.—Number of undergraduate and graduate students in private universities, colleges, and technological schools in 1917-18.

States.	Insti- tu- tions.	Collegiate departments.			Graduate depart- ments.			Total number of un- dergraduate and graduate students.		
		Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
1	2	3	4	5	6	7	8	9	10	11
Continental United States.....	413	74,861	65,549	138,410	5,575	3,757	9,332	80,436	67,306	147,742
Alabama.....	8	462	408	870	0	4	4	462	412	874
Arizona.....	0	0	0	0	0	0	0	0	0	0
Arkansas.....	0	347	356	703	0	0	0	347	356	703
California.....	11	2,507	2,512	5,019	211	288	499	2,718	2,800	5,518
Colorado.....	4	407	703	1,110	49	49	98	456	252	1,208
Connecticut.....	4	1,973	240	2,213	253	30	283	2,226	270	2,496
Delaware.....	0	0	0	0	0	0	0	0	0	0
Dist. Columbia.....	6	1,328	1,227	2,555	238	65	303	1,566	1,292	2,858
Florida.....	2	100	152	252	12	11	23	112	163	275
Georgia.....	14	818	1,406	2,224	0	4	4	818	1,410	2,228
Idaho.....	1	38	96	134	0	0	0	38	96	134
Illinois.....	30	6,176	7,844	14,020	1,505	1,126	2,721	7,771	8,970	16,741
Indiana.....	12	1,730	1,524	3,254	18	13	31	1,748	1,537	3,285
Iowa.....	19	2,039	2,589	4,628	11	16	27	2,050	2,605	4,655
Kansas.....	16	1,051	1,435	2,486	3	1	4	1,054	1,138	2,490
Kentucky.....	9	618	413	1,029	20	2	22	636	415	1,051
Louisiana.....	5	798	487	1,285	8	5	13	806	492	1,298
Maine.....	3	853	367	1,220	0	0	0	853	367	1,220
Maryland.....	12	1,489	1,447	2,936	111	163	274	1,600	1,499	3,099
Massachusetts.....	17	7,316	7,105	14,421	502	600	1,102	7,818	7,302	15,120
Michigan.....	8	891	748	1,639	0	2	2	891	750	1,641
Minnesota.....	10	1,037	1,338	2,375	0	0	0	1,037	1,338	2,375
Mississippi.....	7	363	467	830	0	1	1	363	468	831
Missouri.....	18	2,368	1,509	3,877	49	20	69	2,417	1,520	3,937
Montana.....	0	0	0	0	0	0	0	0	0	0
Nebraska.....	7	543	666	1,209	2	4	6	545	670	1,215
Nevada.....	0	0	0	0	0	0	0	0	0	0
New Hampshire.....	2	1,063	0	1,063	1	0	1	1,094	0	1,094
New Jersey.....	6	1,947	181	2,128	83	1	84	2,030	182	2,212
New Mexico.....	0	0	0	0	0	0	0	0	0	0
New York.....	30	13,162	8,294	21,456	1,509	1,366	2,875	14,671	9,660	24,331
North Carolina.....	17	4,455	1,085	2,540	3	6	9	1,458	1,091	2,549
North Dakota.....	2	70	123	193	0	0	0	70	123	193
Ohio.....	28	3,787	3,437	7,224	23	17	40	3,810	3,454	7,264
Oklahoma.....	3	143	231	374	7	1	12	150	236	386
Oregon.....	7	272	373	645	4	4	8	276	377	653
Pennsylvania.....	37	10,816	6,455	17,271	680	375	1,055	11,494	6,830	18,324
Rhode Island.....	1	694	212	906	34	22	56	628	234	862
South Carolina.....	11	833	1,195	2,028	2	6	8	835	1,201	2,036
South Dakota.....	4	181	199	380	1	0	1	182	199	381
Tennessee.....	16	1,196	1,364	3,060	124	49	173	1,320	1,913	3,233
Texas.....	12	1,662	1,960	3,622	15	6	21	1,677	1,966	3,643
Utah.....	0	0	0	0	0	0	0	0	0	0
Vermont.....	3	336	181	487	0	1	1	336	152	488
Virginia.....	20	935	1,441	2,376	2	6	8	937	1,447	2,384
Washington.....	2	109	144	253	5	2	7	114	146	260
West Virginia.....	3	125	156	281	0	0	0	125	156	281
Wisconsin.....	9	895	1,009	1,904	0	1	1	895	1,010	1,905
Wyoming.....	0	0	0	0	0	0	0	0	0	0

TABLE 12.—Distribution of preparatory, professional, and special students in public and private colleges, universities, and professional schools in 1917-18.

States.	Preparatory students.						Professional students (theology, law, medicine, dentistry, pharmacy, veterinary medicine).						All other students (includes students in music, art, oratory, business, etc., unless these are enrolled in 4-year course leading to a degree).					
	Public.			Private.			Public.			Private.			Public.			Private.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Continental United States.....	5,225	4,875	10,100	22,932	11,628	34,560	9,213	533	9,771	36,550	2,272	38,822	2,387	3,278	5,865	8,798	21,560	26,318
Alabama.....	0	125	125	945	228	1,173	183	3	186	18	0	0	53	5	58	120	121	241
Arizona.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arkansas.....	34	42	76	181	129	310	53	0	53	0	0	32	7	8	27	35	0	0
California.....	0	0	0	326	125	451	598	53	592	1,027	119	1,146	8	36	33	57	167	221
Colorado.....	381	482	863	238	47	283	135	16	141	283	16	1,301	93	644	737	191	640	828
Connecticut.....	49	0	49	0	0	0	0	0	0	283	10	293	0	0	0	53	100	153
Delaware.....	231	0	231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dist. Columbia.....	0	84	84	315	0	0	412	13	425	1,823	126	1,949	194	127	319	0	0	0
Florida.....	0	51	51	99	136	229	46	0	46	0	0	0	0	0	0	0	0	0
Georgia.....	227	13	235	661	612	1,273	94	0	94	483	16	499	130	0	130	67	969	976
I Idaho.....	112	61	173	13	11	24	27	0	25	0	0	0	0	0	0	0	0	0
Illinois.....	0	0	0	1,740	1,358	3,098	563	34	629	4,498	242	4,740	0	0	0	720	2,408	3,186
Indiana.....	0	0	0	40	229	269	288	9	217	568	2	585	10	13	23	182	331	533
Iowa.....	436	326	762	958	356	1,313	731	22	753	1,948	11	2,177	66	167	243	611	2,138	2,779
Kansas.....	178	137	315	86	289	1,117	350	38	388	1,301	5	1,25	212	316	522	351	1,250	1,601
Kentucky.....	0	0	0	736	338	1,074	53	2	55	217	95	612	30	25	55	263	313	576
Louisiana.....	23	47	70	60	105	165	28	0	34	44	31	65	0	0	0	192	113	245
Maine.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maryland.....	0	0	0	769	199	968	34	0	34	44	59	1,169	12	1	13	107	182	273
Massachusetts.....	0	0	0	1,255	0	1,255	0	0	0	3,129	192	3,321	54	8	62	742	1,270	
Michigan.....	0	0	0	421	35	456	968	54	1,042	481	26	507	0	0	0	196	360	556
Minnesota.....	813	355	1,168	891	31	1,022	820	37	857	577	0	37	0	0	0	249	361	610
Mississippi.....	0	0	0	0	350	350	111	3	114	465	1	111	128	211	372	39	621	660
Missouri.....	0	0	0	826	625	1,451	171	22	146	2,605	105	2,710	0	0	0	614	764	1,378
Montana.....	0	0	0	0	0	0	37	15	52	0	0	0	184	60	244	0	0	

TABLE 12.—Distribution of preparatory, professional, and special students in public and private colleges, universities, and professional schools in 1917-18—Continued.

States.	Preparatory students.						Professional students (theology, law, medicine, dentistry, pharmacy, veterinary medicine).						All other students (including students in music, art, oratory, business, etc., unless these are enrolled in 4-year courses leading to a degree).						
	Public.			Private.			Public.			Private.			Public.			Private.			
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Nebraska.....	67	186	253	474	180	654	420	20	440	371	0	871	121	254	371	266	782	1,018	
Nevada.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Hampshire.....	0	0	0	107	0	107	0	0	0	42	0	42	0	4	4	0	0	0	0
New Jersey.....	0	0	0	108	262	370	0	0	0	304	0	304	0	0	0	22	17	39	0
New Mexico.....	127	63	170	0	0	0	0	0	0	0	0	0	27	35	62	0	0	0	0
New York.....	1,709	1,929	3,638	1,111	180	1,291	0	0	0	8,065	538	8,603	29	77	106	488	710	1,198	
North Carolina.....	0	0	0	608	697	1,305	136	4	140	103	3	106	103	5	108	58	485	492	
North Dakota.....	233	117	350	34	87	121	87	7	94	0	0	87	26	28	54	134	428	562	
Ohio.....	0	0	0	1,088	516	1,604	698	38	736	1,631	79	1,710	142	102	244	588	1,779	2,367	
Oklahoma.....	283	802	1,085	164	149	313	800	12	812	1,86	26	1,888	21	26	47	180	254	381	
Oregon.....	44	97	141	83	69	152	108	26	134	484	92	576	339	169	498	102	385	487	
Pennsylvania.....	0	0	0	4,080	899	4,979	0	0	0	4,148	210	4,358	137	12	149	1,228	2,061	3,313	
Rhode Island.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
South Carolina.....	0	0	0	187	184	371	40	3	43	70	0	70	95	21	89	146	301	384	
South Dakota.....	40	20	60	312	222	534	108	8	116	0	0	116	30	61	91	210	144	270	
Tennessee.....	0	0	0	423	746	1,169	175	4	179	811	38	849	0	0	0	190	449	639	
Texas.....	0	116	116	608	715	1,323	352	33	385	662	178	840	0	245	245	94	405	699	
Utah.....	83	32	115	0	0	115	105	1	106	0	0	106	229	110	339	0	0	0	
Vermont.....	0	0	0	70	0	70	105	0	105	11	0	11	2	6	8	12	0	12	
Virginia.....	-9	0	9	442	1,097	1,539	477	3	480	323	0	323	89	0	89	58	619	677	
Washington.....	127	171	298	340	0	340	132	50	182	31	0	31	2	1	3	12	5	17	
West Virginia.....	0	0	0	153	154	307	79	6	85	0	0	85	13	63	76	69	89	158	
Wisconsin.....	0	0	0	334	90	424	224	19	243	648	12	660	2	54	56	130	221	356	
Wyoming.....	36	32	68	0	0	0	0	0	0	0	0	0	19	61	80	0	0	0	

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS. 727

TABLE 13.—Students in universities, colleges, and professional schools in 1917-18.

States.	Preparatory departments.		Collegiate departments. <sup>1</sup>		Graduate departments.		Professional departments. <sup>2</sup>		All other students. <sup>3</sup>		Total number (excluding duplicates).	
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
1	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States	28,157	16,503	134,271	105,436	8,497	5,909	43,768	2,830	11,335	21,848	223,841	151,518
Alabama	945	353	1,571	930	12	4	196	8	173	126	2,909	1,402
Arizona	0	0	203	196	10	20	11	0	27	27	232	243
Arkansas	215	171	665	683	1	8	79	5	74	182	977	946
California	329	125	5,286	5,946	449	798	1,566	172	196	646	7,534	7,737
Colorado	517	529	1,583	3,083	118	115	410	32	284	839	2,862	3,610
Connecticut	49	6	2,065	285	233	30	283	10	53	100	2,722	409
Delaware	0	0	216	117	0	0	0	0	0	3	216	120
Dist. Columbia	231	84	1,663	1,456	239	65	2,235	139	188	123	4,364	1,866
Florida	89	181	396	513	17	12	40	0	42	206	600	912
Georgia	883	625	2,305	1,418	14	10	577	16	197	908	3,976	2,574
Idaho	125	72	293	894	6	7	25	0	17	121	450	445
Illinois	1,740	1,354	8,982	9,229	2,083	1,228	5,093	295	723	2,466	17,720	13,972
Indiana	640	229	3,881	3,199	134	102	854	11	192	363	5,665	3,686
Iowa	1,240	919	4,632	5,201	333	276	927	33	707	2,305	7,504	6,586
Kansas	1,008	426	2,907	2,903	70	57	470	43	563	1,560	4,753	4,828
Kentucky	736	536	1,149	829	39	25	570	97	283	333	2,772	1,684
Louisiana	83	152	1,307	687	27	24	800	33	102	143	2,319	993
Maine	0	0	1,464	590	4	5	78	0	20	9	1,980	604
Maryland	782	200	3,028	1,450	121	52	1,110	59	103	183	5,089	1,918
Massachusetts	1,253	0	7,704	7,130	523	196	3,129	192	796	536	13,407	8,663
Michigan	421	35	5,427	2,582	192	84	1,469	60	196	380	8,033	2,258
Minnesota	1,804	346	2,914	3,190	221	106	1,397	37	248	301	6,542	4,018
Mississippi	115	330	1,229	1,226	3	1	121	3	167	865	1,634	2,327
Missouri	836	635	4,577	3,038	166	93	2,729	127	614	764	8,316	4,537
Montana	6	6	478	573	6	9	37	15	184	80	711	663
Nebraska	541	898	1,967	2,446	129	179	791	20	377	1,018	3,723	3,401
Nevada	0	0	151	162	3	2	0	0	0	0	154	171
New Hampshire	107	0	1,488	139	1	0	43	0	4	4	1,617	163
New Jersey	103	263	1,947	141	83	1	506	19	22	17	2,601	643
New Mexico	127	82	137	115	1	0	0	0	27	85	372	302
New York	2,820	2,049	17,328	11,004	1,514	1,371	8,068	528	517	787	29,631	15,495
North Carolina	508	697	2,373	1,066	49	10	329	7	161	449	3,420	2,240
North Dakota	292	154	521	652	14	7	87	0	180	456	1,086	1,308
Ohio	1,688	516	8,356	7,694	187	189	2,324	117	730	1,041	12,948	10,844
Oklahoma	447	451	1,302	1,151	26	26	266	38	151	280	3,217	1,905
Oregon	126	116	1,555	1,662	26	14	542	120	441	494	2,627	2,208
Pennsylvania	4,080	899	12,549	6,712	734	378	4,148	210	1,303	2,099	23,853	10,174
Rhode Island	0	0	788	259	34	24	0	0	60	15	882	298
South Carolina	187	184	2,237	1,722	30	17	60	3	66	221	2,580	1,753
South Dakota	352	251	631	435	8	4	103	8	240	723	1,303	1,633
Tennessee	436	746	1,693	2,111	131	52	986	42	190	449	3,229	3,244
Texas	608	861	3,399	3,700	53	33	1,054	211	94	850	5,196	5,717
Utah	23	32	650	790	36	6	895	1	220	110	1,143	646
Vermont	79	0	631	430	2	2	116	0	14	6	817	289
Virginia	441	1,097	2,915	1,444	26	6	800	3	147	619	4,356	3,029
Washington	487	121	1,764	2,032	139	132	163	50	14	6	2,547	2,841
West Virginia	183	154	667	853	19	15	79	5	82	172	1,000	732
Wisconsin	334	99	2,993	2,648	228	126	872	31	132	280	4,468	3,484
Wyoming	36	32	78	74	2	0	0	0	19	06	124	218
Outlying possessions:												
Hawaii	0	0	45	14	0	0	0	0	20	59	64	75
Porto Rico	114	3	24	49	0	0	0	0	68	224	306	287

<sup>1</sup> Includes also engineering students.

<sup>2</sup> Includes students in theology, law, medicine, veterinary medicine, dentistry, and pharmacy.

<sup>3</sup> Includes students in music, art, oratory, business, etc., unless they are enrolled in four-year courses leading to a collegiate degree.

TABLE 14.—Undergraduate students in universities, colleges, and technological schools in 1917-18.

States.	Insti- tu- tions.	Colleges for men.		Colleges for women.		Colleges for both sexes.			
		Insti- tu- tions.	Under- gradu- ate stu- dents.	Insti- tu- tions.	Under- gradu- ate stu- dents.	Insti- tu- tions.	Undergraduate students.		
							Men.	Women.	Total.
1	2	3	4	5	6	7	8	9	10
Continental United States.....	354	124	36,872	100	25,495	330	97,399	79,941	177,340
Alabama.....	11	3	136	3	695	5	1,435	225	1,660
Arizona.....	1	0	0	0	0	1	203	196	399
Arkansas.....	7	0	0	2	121	5	665	482	1,147
California.....	18	4	433	1	254	13	4,992	5,702	10,564
Colorado.....	8	1	16	1	48	6	1,567	2,935	4,522
Connecticut.....	5	3	1,973	1	240	1	112	25	137
Delaware.....	1	0	0	0	0	1	216	117	333
Dist. Columbia.....	8	2	308	2	482	4	1,355	974	2,329
Florida.....	4	1	296	1	361	2	100	152	252
Georgia.....	17	7	2,161	7	1,319	3	144	99	243
Idaho.....	3	0	0	0	0	3	293	304	597
Illinois.....	32	3	704	4	539	25	8,278	8,690	16,968
Indiana.....	14	3	871	1	103	10	3,010	3,098	6,106
Iowa.....	22	3	297	1	103	18	4,335	5,098	9,433
Kansas.....	19	2	60	0	0	17	2,847	2,900	5,747
Kentucky.....	11	4	231	1	50	6	918	770	1,688
Louisiana.....	6	2	658	2	457	2	649	230	879
Maine.....	4	1	374	0	0	3	1,090	590	1,680
Maryland.....	14	5	1,744	3	984	6	1,282	466	1,748
Massachusetts.....	19	7	4,268	6	6,231	6	3,436	898	4,334
Michigan.....	13	2	212	0	0	11	5,215	2,582	7,797
Minnesota.....	13	3	228	2	379	8	2,688	2,811	5,497
Mississippi.....	10	0	0	5	982	5	1,228	264	1,492
Missouri.....	20	3	1,078	7	495	10	3,499	2,543	6,042
Montana.....	3	0	0	0	0	3	478	573	1,051
Nebraska.....	8	1	189	0	0	7	1,808	2,446	4,254
Nevada.....	1	0	0	0	0	1	151	162	313
New Hampshire.....	3	2	1,093	0	0	1	395	159	554
New Jersey.....	6	4	1,930	1	175	1	17	6	23
New Mexico.....	3	0	0	0	0	3	137	115	252
New York.....	35	15	7,682	9	4,822	11	9,656	6,212	15,868
North Carolina.....	19	5	1,325	7	740	7	1,248	356	1,604
North Dakota.....	4	0	0	0	0	4	521	652	1,173
Ohio.....	34	6	835	3	578	25	7,701	7,306	15,007
Oklahoma.....	6	0	0	1	121	5	1,302	1,030	2,332
Oregon.....	9	0	0	0	0	9	1,555	1,562	3,117
Pennsylvania.....	38	11	2,279	7	962	20	10,280	5,750	16,030
Rhode Island.....	2	0	0	0	0	2	798	259	1,047
South Carolina.....	15	5	1,634	5	1,093	5	601	129	732
South Dakota.....	7	0	0	0	0	7	621	635	1,256
Tennessee.....	17	2	206	3	144	12	1,397	1,967	3,364
Texas.....	15	2	885	3	1,406	10	2,514	2,355	4,869
Utah.....	2	0	0	0	0	2	650	790	1,430
Vermont.....	4	2	201	0	0	2	430	330	760
Virginia.....	24	8	2,378	9	1,265	7	587	179	710
Washington.....	4	1	28	0	0	2	1,736	2,032	3,768
West Virginia.....	4	0	0	0	0	4	607	865	1,472
Wisconsin.....	10	1	189	2	367	7	2,704	2,278	4,982
Wyoming.....	1	0	0	0	0	1	78	114	192
Outlying possessions:									
Hawaii.....	1	0	0	0	0	1	45	14	59
Puerto Rico.....	1	0	0	0	0	1	24	49	73



TABLE 16.—Students in engineering courses in universities, colleges, and technological schools in 1917-18.

States.	General engineering.	Chemical engineering.	Civil engineering.	Electrical engineering.	Mechanical engineering.	Min-ing engineering.	Ceramic engineering.	Text-ile engineering.	Arch-itectural engineering.	Total engineering students.
1	2	3	4	5	6	7	8	9	10	11
Continental United States.	7,203	4,548	5,108	5,683	5,944	1,298	111	156	264	31,120
Alabama.....		53	75	221	237	8				594
Arizona.....			10	17	16	51				94
Arkansas.....	44	9	30	9	19	1				112
California.....	35	313	300	109	418	170				1,315
Colorado.....	166	43	56	92	34	164				555
Connecticut.....		105	77	47	142	17				388
Delaware.....	11	24	17	24	18					94
District of Columbia.....	407	137	94	64	65					757
Florida.....	42	5	5	11	4					67
Georgia.....		40	96	264	250			01		717
Idaho.....		10	15	14	15	14				66
Illinois <sup>1</sup> .....	86	233	222	330	324	18	26		133	1,465
Indiana.....		230	218	340	353	7			8	1,185
Iowa <sup>2</sup> .....	87	76	153	216	114		6		57	732
Kansas <sup>3</sup> .....	514		19	51	42					639
Kentucky.....			45	137		19				201
Louisiana.....	91	37	45	77	12					338
Maine.....	16	94	54	82	76					322
Maryland.....	133	16	18	18	10					177
Massachusetts <sup>4</sup> .....	286	331	272	319	360	50				1,920
Michigan <sup>5</sup> .....	1,297	164	227	186	251	69			22	2,284
Minnesota.....	170	99	70	129	55	74				507
Mississippi.....	159		46	59	11					275
Missouri <sup>6</sup> .....	330	65	65	66	51	75				672
Montana.....		8	20	41	15	52			11	147
Nebraska <sup>7</sup> .....		4	104	80	55				5	252
Nevada.....			13		40	27				80
New Hampshire.....		50	26	58	32					160
New Jersey.....	98	48	88	17	137		3			391
New Mexico <sup>8</sup> .....			4	6	6		9			33
New York <sup>9</sup> .....	312	783	944	590	1,000	17				3,721
North Carolina.....		75	79	118	52			60		360
North Dakota.....	37	9	17	12	16	13	11		1	116
Ohio.....	705	363	395	454	426	63	65		17	2,438
Oklahoma.....	181	6	14	36	10					233
Oregon <sup>10</sup> .....		27	23	81	95	41				296
Pennsylvania <sup>11</sup> .....	702	695	561	453	481	218				3,177
Rhode Island.....	48	18	9	13	23					111
South Carolina.....	218		22	62	62			13		326
South Dakota.....	39	12	23	5	46					125
Tennessee.....	135	6	10	13	6					170
Texas.....	9	77	199	232	98			10	7	610
Utah <sup>12</sup> .....	147	2	3	4	2	6				233
Vermont.....		92	60	22	2					174
Virginia.....	442	79	117	180	94	18				925
Washington <sup>13</sup> .....		93	76	189	139	77				581
West Virginia.....	8	54	44	41	18					165
Wisconsin.....	248	56	73	114	84	11				580
Wyoming.....			5	2	12	5				24
Outlying possessions:										
Hawaii <sup>14</sup> .....			16							16
Porto Rico <sup>15</sup> .....	34		7	1	3					45

<sup>1</sup> Fire-protection engineering, 34; railway engineering, 38; municipal and sanitary engineering, 11.

<sup>2</sup> Agricultural engineering, 43.

<sup>3</sup> Agricultural engineering, 7; flour-mill engineering, 6.

<sup>4</sup> Sugar engineering, 71.

<sup>5</sup> Electrochemical engineering, 44; sanitary engineering, 22; naval architecture, 77; engineering administration, 150.

<sup>6</sup> Marine engineering, 38; aeronautical engineering, 7.

<sup>7</sup> Metallurgical engineering, 20.

<sup>8</sup> Agricultural engineering, 7.

<sup>9</sup> Geological engineering, 2; metallurgical engineering, 6.

<sup>10</sup> Metallurgical engineering, 5.

<sup>11</sup> Highway engineering, 15; irrigation engineering, 2.

<sup>12</sup> Sanitary engineering, 10; metallurgical engineering, 53; commercial engineering, 29; electrometallurgy, 35.

<sup>13</sup> Agricultural engineering, 69.

<sup>14</sup> Hydroelectrical engineering, 7.

<sup>15</sup> Sugar technology, 19.

<sup>16</sup> Sugar technology, 13.



TABLE 17.—Students in summer school, short winter course, extension courses, and correspondence courses in universities, colleges, and professional schools in 1917-18.

States	Summer school (1917).		Short winter course.		Extension courses. <sup>1</sup>		Correspondence courses. <sup>2</sup>	
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
i	2	3	4	5	6	7	8	9
Continental United States	25,538	52,521	8,429	3,607	15,063	17,817	2,879	2,459
Alabama	499	1,220			23	170		
Arizona			121	137			10	10
Arkansas	42	160	139	0			30	35
California	1,469	4,085			(8,420)		(2,456)	
Colorado	278	1,706			213	234	86	207
Connecticut								
Delaware	25	256						
Dist. Columbia	115	900						
Florida	154	713	159	84			122	0
Georgia	416	916						
Idaho			90	14			34	0
Illinois	3,024	3,475	25	85	5,240	1,114	131	0
Indiana <sup>3</sup>	131	465	61	13	0	238	2	11
Iowa	929	4,659	2,084	917	10	19	32	22
Kansas	536	1,012	274	104	541	440	547	545
Kentucky	53	63	48	9			95	12
Louisiana	619	1,145	164	6	7	81		
Maine	42	50						
Maryland	216	524	13	37				
Massachusetts <sup>4</sup>	1,188	1,259	84	6	0	156	582	296
Michigan	1,136	519	356	0				
Minnesota	193	781	1,710	1,434	1,196	1,038	0	11
Mississippi	260	374	58	0			27	21
Missouri	426	742	167	14	345	419	202	350
Montana	53	402	178	112	3	114	0	36
Nebraska	302	1,132	164	1			192	128
Nevada	14	87	17	0				
New Hampshire	72	156						
New Jersey	236	507	76	17			0	50
New Mexico								
New York <sup>5</sup>	4,915	7,318	159	39	2,807	7,716		
North Carolina	694	792	35	0	302	107	20	5
North Dakota	123	386	165	6	59	500	83	104
Ohio	1,505	2,582	149	73	836	2,027	32	67
Oklahoma	637	1,187	117	3	20	17	186	114
Oregon	244	622	969	452				
Pennsylvania	358	1,227	76	16	734	236	(5,500)	
Rhode Island					(364)			
South Carolina	21	156						
South Dakota	163	561	66	7	74	200	24	26
Tennessee	678	2,116	94	43			28	0
Texas	1,088	2,761					166	154
Utah	126	578			735	2,062		
Vermont	62	476	18	0				
Virginia	119	162	52	1			18	6
Washington	398	1,221	206	84	487	798	128	141
West Virginia	142	359	5	0	1,117	0	54	23
Wisconsin	986	1,569	326	8	0	62		
Wyoming <sup>6</sup>	20	241	8	0	0	63	68	311
Outlying possessions:								
Hawaii								
Porto Rico	27	166			62	47		

<sup>1</sup> Also 23,664 extension students reported not divided as to sex.  
<sup>2</sup> Also 9,960 correspondence students reported not divided as to sex.  
<sup>3</sup> Also 210 extension students not divided as to sex; correspondence students, 2,004 not divided as to sex.  
<sup>4</sup> Also 2,997 extension students not divided as to sex.  
<sup>5</sup> Also 2,295 extension students not divided as to sex.  
<sup>6</sup> Also 9,338 extension students not divided as to sex.

TABLE 18.—Number of first degrees conferred on men by universities, colleges, and technological schools in 1917-18.

States.	Arts and sciences.	Agriculture.	Architecture.	Commerce.	Education.	Forestry.	Journalism.	Music.	General engineering.	Chemical engineering.	Civil engineering.	Electrical engineering.	Mechanical engineering.	Mining engineering.	Textile engineering.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Continental United States.....	9,092	1,506	134	610	224	33	29	13	160	404	811	738	781	166	19
Alabama.....	96	28	1	3	6					4	5	22	10	2	
Arizona.....	8	7									1	2	1		
Arkansas.....	34	7									2	4			
California.....	256	48	6	17					3	20	28	24	22	15	
Colorado.....	90	21		10		1				2	16	22	10	13	
Connecticut.....	690	11	6					4		22	8	10	24	1	
Delaware.....	9	8								2	6	4	3		
District of Columbia.....	113		4		7						7	4	1		
Florida.....	15	6			1							1			
Georgia.....	97	10	4	10						4	8	18	30		3
Idaho.....	14	4								2		4		1	
Illinois.....	515	106	15	53	17			1	2	22	28	44	33	5	
Indiana.....	210	72	2							25	33	45	49		
Iowa.....	286	116				4				5	36	28	15	1	
Kansas.....	204	55	4	9			3	2	29		6	10	7		
Kentucky.....	57	20									3	20		2	
Louisiana.....	35	20	4	1	3					6	7	12	9		
Maine.....	94	28								8	4	12	6		
Maryland.....	146	10			1				26						
Massachusetts.....	704	50	25	62		3				66	58	64	73	6	6
Michigan.....	331	71	0	2				2		30	84	46	63	29	
Minnesota.....	219	34	4		7	5		1	2	9	8	10	8	13	
Mississippi.....	60	29		3							8	11	4		
Missouri.....	225	55	1	8	37		16		30	2	11	3	5	11	3
Montana.....	12	4				1	1				3	3	4		
Nebraska.....	141	32		11							6	8	0		
Nevada.....	4	1									1				
New Hampshire.....	292	23				1				6	4			2	
New Jersey.....	118	12								6	9	4	66		
New Mexico.....	4	3													
New York.....	1,010	148	16	206	39	4	8	1		45	142	64	104	9	
North Carolina.....	256	23								4	9	9	6		5
North Dakota.....	32	6			6			1			5	7	3	2	
Ohio.....	601	54	4	24	38				3	35	58	38	46	8	
Oklahoma.....	69	14		2							4	11	7		
Oregon.....	65	54		11		5			1	2	2	8	12	3	
Pennsylvania.....	648	80	23	97	9	3		1	48	28	91	72	63	18	
Rhode Island.....	68	4							13	3	1	1	3		
South Carolina.....	204	58	2								15	1	34		4
South Dakota.....	26	14									1	2		5	
Tennessee.....	85				27				3	3	5	4			
Texas.....	163	29	4						4	2	12	15	2		1
Utah.....	23	12		3	23					1	3	2	1	4	
Vermont.....	32	11									8	2	2		
Virginia.....	235	5								10	26	24	8		
Washington.....	83	8		2	1	3				7	11	14	2	7	
West Virginia.....	63	17									4	4	4		
Wisconsin.....	231	80		76			1			17	21	26	31	5	
Wyoming.....	1	1			2								2	3	
Outlying possessions:															
Hawaii.....	3														
Puerto Rico.....															

TABLE 19.—Graduate degrees conferred on men by universities, colleges, and technological schools in 1917-18.

States.	A. M.	Ph. M.	M. Arch.	M. C. S.	M. F.	M. S. <sup>1</sup>	M. S. in Agri.	M. S. F.	Chem. E.	C. E.	E. E.	E. M.	Mech. E.	Met. E.	Ph. D.	D. Sc.	D. P. H.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
United States.....	1,332	10	2	4	17	273	35	4	7	44	11	9	34	2	499	7	4
Alabama.....	1					1				1	1		2				
Arizona.....	1					1											
Arkansas.....																	
California.....	11					10						1		1	15		
Colorado.....	22			1				1									
Connecticut.....	19				15	8						4	6	1	33		
Delaware.....						1											
District of Columbia.....	34	1				1									24		
Florida.....	1					1											
Georgia.....	10					6	3										
I Idaho.....						1											
Illinois.....	184		1			31			1	5	2		3		107		
Indiana.....	17					4	7			8	5				2		
Iowa.....	15					16				4			1		9		
Kansas.....	18					10				1							
Kentucky.....	4												5				
Louisiana.....	4					3							1				
Maine.....						3			1	2	1						
Maryland.....	24					3									11		
Massachusetts.....	96					19					1				11	3	2
Michigan.....	46					18		1		1					11	1	1
Minnesota.....	13					13							2		10		
Mississippi.....	3					1					1						
Missouri.....	50			1								3	2		8		
Montana.....	1					1											
N Nebraska.....	23					2									3		
Nevada.....										1							
New Hampshire.....						2											
New Jersey.....	23					3				1					14	1	
New Mexico.....																	
New York.....	320			2	2	23	14	2		13	1		2		124		1
North Carolina.....	29					2	2						1		1		
North Dakota.....	3						2										
Ohio.....	34					21						1	3		10		
Oklahoma.....	9					1											
Oregon.....	2						3										
Pennsylvania.....	106	3				20			3	2	1		3		25	2	
Rhode Island.....	19					1									8		
South Carolina.....	19					3									1		
South Dakota.....	3																
Tennessee.....	14					1											
Texas.....	21					1	3								1		
Utah.....	3					2											
Vermont.....	2																
Virginia.....	10						1			1			2		1		
Washington.....	5					12									1		
West Virginia.....	6																
Wisconsin.....	47	6				27			2	4			1		22		
Wyoming.....																	

<sup>1</sup> Fire protection engineering, 1.  
<sup>2</sup> Master of science in public health, 1; master of landscape gardening, 1.  
<sup>3</sup> Doctor of pedagogy, 2; master of pedagogy, 13; master of landscape design, 1.  
<sup>4</sup> Master of science in metallurgy, 4.

TABLE 20.—Degrees conferred on women by universities, colleges, and technological schools in 1917-18.

States.	First degrees in—									Graduate degrees.		
	Arts and sciences.	Agriculture.	Architecture.	Commerce.	Education.	Fine arts (art).	Home economics.	Music.	Oratory.	A. M.	M. S.	Ph. D.
1	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States.....	1,243	84	3	30	945	22	773	217	15	1,003	53	63
Alabama.....	82									1		
Arizona.....	13									2		
Arkansas.....	42											
California.....	679	2						21		102	4	3
Colorado.....	271						24			17		
Connecticut.....	0							2		2	2	5
Delaware.....	13	1					9					
Dist. of Columbia.....	136				11					27	1	2
Florida.....	50							1		6		
Georgia.....	126						2	39	2	1		
Idaho.....	30						9					
Illinois.....	803	6		3	92		91	29	2	110	4	8
Indiana.....	309									13	4	1
Iowa.....	367	4					92			19	6	3
Kansas.....	338	1				8	76	2		24	2	
Kentucky.....	79						6			7	1	
Louisiana.....	40				27			1		7		
Maine.....	65						10			1		
Maryland.....	159									6		1
Massachusetts.....	1,328	4		5	5					63		2
Michigan.....	371							2		33	6	2
Minnesota.....	337				33		57			19	1	1
Mississippi.....	183							13		2		
Missouri.....	135	2	2	1	116					20		1
Montana.....	42						15					
Nebraska.....	221					2	34			17		1
Nevada.....	15									1		
New Hampshire.....	20											
New Jersey.....	45									1		1
New Mexico.....	6						4					
New York.....	1,446	59		12	324	5		15	11	359	8	16
North Carolina.....	82							6		3		
North Dakota.....	60				35		6			3		
Ohio.....	748			3	158	1	47	10		32	2	1
Oklahoma.....	117					6	3	8		7		
Oregon.....	150			2				5		1	2	
Pennsylvania.....	547	1			44		30	13		45	2	11
Rhode Island.....	81						6			8	1	3
South Carolina.....	149							10		7		
South Dakota.....	57						19			2		
Tennessee.....	86				51			8		6	1	
Texas.....	313		1				50			11		
Utah.....	18				43		17			1		
Vermont.....	62						5					
Virginia.....	165						6					
Washington.....	284	1			2		21	21		8	2	
West Virginia.....	40	2								1		
Wisconsin.....	404	1		4			66	7		39	3	1
Wyoming.....	7				4		4					
Outlying possessions:												
Hawaii.....	1											
Porto Rico.....												

<sup>1</sup> Master of commercial science, 1; graduate in public health, 1.

<sup>2</sup> Master of music, 1.

<sup>3</sup> Master of science in agriculture, 1; master of forestry, 1; master of architecture, 1; doctor of pedagogy, 1; master of pedagogy, 1; master of commercial science, 1.

<sup>4</sup> Doctor of science, 1.

<sup>5</sup> Master of philosophy, 1.

TABLE 21.—Degrees conferred on men and on women in certain professional courses by universities, colleges, and professional schools in 1917-18.

States	Theology		Law		Medicine		Veterinary medicine		Dentistry		Pharmacy	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
	2	3	4	5	6	7	8	9	10	11	12	13
United States	816	12	2,272	97	2,339	84	475	0	2,601	33	1,037	67
Alabama	7	0	14	0	9	0	17	0			8	0
Arizona	2	0	4	0	21	0						
Arkansas	17	0	69	12	41	5			113	1	46	8
California	8	0	10	0	6	2	9	0	60	3	4	1
Colorado	41	0	38	0	18	0						
Connecticut	18	0	425	10	63	1	12	0	92	2	15	0
Delaware	14	0	23	0	27	0					2	0
Dist. Columbia												
Florida												
Georgia												
Idaho												
Illinois	64	4	227	11	361	16	118	0	201	4	48	8
Indiana			39	0	40	0	55	0	84	0	17	2
Iowa	1	0	17	0	26	2	30	0	64	2	11	1
Kansas	9	0	23	2	18	0	15	0			8	0
Kentucky	43	0	16	1	16	0					13	1
Louisiana			15	0	62	1			21	0	2	2
Maine			14	0	18	0						
Maryland	5	0			78	9			154	3		
Massachusetts	56	3	205	6	185	6			347	3	23	1
Michigan			97	0	85	4	19	0	110	2	21	2
Minnesota	48	0	44	0	17	2			74	1	10	4
Mississippi			19	0							8	0
Missouri	151	0	94	5	99	1	53	0	249	1	19	1
Montana			1	3							2	0
Nebraska			19	0	39	1			27	0	10	6
Nevada												
New Hampshire	1	0										
New Jersey	30	0										
New Mexico												
New York	88	2	420	22	400	11	71	0	332	1	378	34
North Carolina	5	0	14	0							9	0
North Dakota			1	1	6	0					5	0
Ohio	37	0	113	5	123	1	40	0	82	3	50	6
Oklahoma	14	0	18	1	20	0					12	3
Oregon												
Oregon	5	3	9	0							24	1
Pennsylvania	96	0	62	5	259	10	37	0	387	6	207	12
Rhode Island												
South Carolina			13	2								
South Dakota			12	0	7	0						
Tennessee	6	0	59	4	116	2			90	1	13	2
Texas	16	0	31	3	52	1					32	2
Utah			3	0								
Vermont					22	0						
Virginia	35	0	35	0	65	0			21	0	12	0
Washington			12	1			8	0			9	7
West Virginia			5	0								
Wisconsin			27	0	40	3			93	0	19	1
Wyoming												

TABLE 22.—Honorary degrees conferred by universities, colleges, and professional schools in 1917-18.

States.	D. D.	L.L. D.	L. H. D.	Lit. D.	Ph. D.	Sc. D.	D. C. L.	Ped. D.	Mus. D.	A. M.	M. S.	Eng. D.
1	2	3	4	5	6	7	8	9	10	11	12	13
United States.....	263	221	8	28	5	43	3	9	4	91	12	8
Alabama.....	7	8										
Arizona.....	2	2								1		
Arkansas.....	2	14								1		
California.....	1	2								2		
Colorado.....	10	8				3	1		1	19	2	
Connecticut <sup>1</sup> .....	1	1			1							
Delaware.....	1	2		5		2				2	1	
Dist. Columbia.....	7	5		1						2		
Florida.....												
Georgia.....												
Idaho.....												
Illinois.....	22	5		2		2			1	1		
Indiana <sup>2</sup> .....	10	11								1		
Iowa.....	13	3		1	1					3		
Kansas <sup>3</sup> .....	9	2				1						
Kentucky.....	4	4									2	
Louisiana.....	1	1								1		
Maine.....	1	4				6			1	1		
Maryland <sup>4</sup> .....	13	8		1	2	1				4		
Massachusetts.....	5	5				2				6		
Michigan <sup>5</sup> .....	8	5		1		1				6		1
Minnesota.....	6	1										
Mississippi <sup>6</sup> .....									1	1		
Missouri <sup>7</sup> .....	10	5									1	
Montana.....												
Nebraska.....	3	2										
Nevada.....												
New Hampshire <sup>8</sup> .....		3		1		4						
New Jersey.....	4	7		3		3				1		1
New Mexico.....												
New York <sup>9</sup> .....	14	30	2	4		5		4		12	1	5
North Carolina.....	4	4				1						
North Dakota.....		1										
Ohio <sup>10</sup> .....	23	19	3			2		4		8	1	
Oklahoma.....												
Oregon.....	2											
Pennsylvania <sup>11</sup> .....	35	28	1	4		8	1	1		12	7	1
Rhode Island.....	2	3		1						3		
South Carolina.....	8	6		1								
South Dakota <sup>12</sup> .....	2	2										
Tennessee.....	10	4				1	1	1		2		
Texas.....												
Utah.....												
Vermont.....		4	1									
Virginia.....	20	6										
Washington.....		1										
West Virginia.....												
Wisconsin.....	5	4				1						
Wyoming.....												

<sup>1</sup> Bachelor of music, 1; bachelor of divinity, 1.

<sup>2</sup> Doctor of medicine, 1.

<sup>3</sup> Doctor of mechanical engineering, 2; civil engineering, 7; electrical engineering, 2.

<sup>4</sup> Doctor of agriculture, 1; bachelor of divinity, 1.

<sup>5</sup> Master of engineering, 1.

<sup>6</sup> Master of music, 1.

<sup>7</sup> Doctor of sacred theology, 4.

<sup>8</sup> Master of pedagogy, 1.

<sup>9</sup> Doctor of commercial science, 1; master of humane letters, 1; doctor of sacred theology, 1; master of civil engineering, 1; doctor of public health, 2.

<sup>10</sup> Bachelor of literature, 1.

<sup>11</sup> Doctor of jurisprudence, 1; doctor of chemistry, 1; master of philosophy, 1; bachelor of science in architecture, 1; domestic science, 4; secretarial studies, 2.

<sup>12</sup> Mining engineering, 1.

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS. 787

TABLE 23.—Summary of degrees conferred by universities, colleges, and technological schools in 1917-18.

States.	Baccalaureate degrees.			Graduate degrees.			Honorary degrees.
	Men.	Women.	Total.	Men.	Women.	Total.	
1	2	3	4	5	6	7	8
Continental United States.....	14,720	13,332	28,052	2,320	1,160	3,480	736
Alabama.....	177	82	259	9	1	10	15
Arizona.....	19	13	32	2	2	4	3
Arkansas.....	47	42	89	0	0	0	4
California.....	538	702	1,240	28	109	137	17
Colorado.....	185	295	480	24	19	43	5
Connecticut.....	788	2	790	86	9	95	40
Delaware.....	32	23	55	1	0	1	2
District of Columbia.....	143	150	293	60	30	90	18
Florida.....	23	51	74	2	6	8	8
Georgia.....	184	109	293	19	1	20	15
Idaho.....	25	39	64	1	0	1	1
Illinois.....	841	1,026	1,867	335	122	457	33
Indiana.....	436	309	745	43	18	61	23
Iowa.....	491	607	1,098	45	28	73	21
Kansas.....	329	425	754	30	26	56	23
Kentucky.....	102	85	187	9	8	17	10
Louisiana.....	97	68	165	9	7	16	1
Maine.....	149	75	224	3	1	4	18
Maryland.....	185	159	344	38	7	45	31
Massachusetts.....	1,117	1,342	2,459	179	65	244	19
Michigan.....	667	430	1,097	81	41	122	23
Minnesota.....	320	434	754	39	21	60	8
Mississippi.....	115	196	311	4	3	7	4
Missouri.....	404	256	660	64	21	85	19
Montana.....	31	57	88	2	0	2	1
Nebraska.....	204	257	461	28	18	46	5
Nevada.....	0	15	21	1	1	2	0
New Hampshire.....	328	20	348	2	0	2	9
New Jersey.....	215	45	260	42	2	44	19
New Mexico.....	7	10	17	0	0	0	0
New York.....	1,796	1,872	3,668	520	389	909	83
North Carolina.....	212	88	300	33	3	36	9
North Dakota.....	62	101	163	5	3	8	1
Ohio.....	909	967	1,876	80	35	115	60
Oklahoma.....	107	134	241	10	7	17	1
Oregon.....	161	157	318	5	3	8	2
Pennsylvania.....	1,181	675	1,856	165	59	224	108
Rhode Island.....	83	57	140	12	12	24	9
South Carolina.....	317	159	476	19	7	26	15
South Dakota.....	47	76	123	2	2	4	5
Tennessee.....	127	145	272	15	6	21	19
Texas.....	219	364	583	26	11	37	1
Utah.....	72	78	150	9	1	10	0
Vermont.....	55	67	122	2	0	2	5
Virginia.....	308	171	479	15	0	15	27
Washington.....	188	299	487	18	11	29	1
West Virginia.....	92	42	134	6	1	7	7
Wisconsin.....	608	482	1,090	109	44	153	10
Wyoming.....	11	12	23	0	0	0	0
Outlying possessions:							
Hawaii.....	3	0	3				1
Porto Rico.....							

TABLE 24.—Property of universities, colleges, and professional schools—Fellowships and scholarships in 1917-18.

States.	Number of volumes in library.	Value of library, scientific apparatus, machinery, and furniture.	Value of grounds.	Value of buildings (including dormitories).	Value of dormitories.	Productive funds.	Number of fellowships and scholarships.
1	2	3	4	5	6	7	8
Continental United States.	23,025,736	\$9,766,793	\$104,089,481	\$329,987,558	\$35,143,845	\$481,065,952	16,609
Alabama.....	168,642	617,390	782,000	3,278,124	1,038,681	1,885,678	165
Arizona.....	28,000	145,692	190,950	653,500	79,500	10,500	22
Arkansas.....	62,545	355,411	134,000	939,200	311,750	149,242	9
California.....	915,967	3,630,609	2,090,843	19,314,238	1,190,084	36,443,163	378
Colorado.....	337,026	1,349,378	1,550,039	3,941,647	185,385	2,427,680	174
Connecticut.....	1,463,070	779,495	338,202	3,159,772	916,739	26,218,180	359
Delaware.....	26,000	258,236	400,000	974,000	219,000	173,864	2
Dist. of Columbia.....	378,623	1,117,183	2,333,909	3,401,939	210,756	1,466,967	330
Florida.....	77,069	304,738	309,572	1,257,747	336,005	214,271	20
Georgia.....	219,579	890,078	2,174,882	4,753,450	1,763,204	4,149,386	242
Idaho.....	56,370	259,742	129,500	930,612	135,000	1,616,706	.....
Illinois.....	1,678,442	6,598,978	8,942,207	20,105,701	3,322,427	40,928,529	1,831
Indiana.....	511,752	1,919,805	2,053,267	7,283,471	986,300	8,471,595	107
Iowa.....	597,968	4,152,106	2,114,553	12,705,430	2,361,631	9,718,046	830
Kansas.....	454,159	1,630,741	2,006,956	4,600,873	325,500	3,116,970	225
Kentucky.....	219,286	868,219	1,274,136	3,664,821	1,097,591	4,939,303	359
Louisiana.....	141,061	819,612	1,211,048	2,963,301	514,933	6,708,589	375
Maine.....	299,064	515,799	123,000	2,100,787	100,287	4,187,902	119
Maryland.....	447,207	2,523,183	4,299,158	15,650,008	972,761	7,665,557	657
Massachusetts.....	2,481,070	5,799,732	6,922,307	24,076,052	5,518,488	72,156,970	1,587
Michigan.....	657,684	3,357,982	1,491,864	7,002,375	814,453	3,720,501	172
Minnesota.....	538,030	2,907,205	3,524,767	10,162,714	2,108,156	5,397,615	379
Mississippi.....	106,725	733,845	683,020	2,542,190	672,150	1,273,000	96
Missouri.....	688,283	3,120,307	3,337,709	11,333,358	1,847,888	12,862,911	314
Montana.....	67,314	434,232	211,773	703,245	75,000	680,250	72
Nebraska.....	233,475	970,154	1,698,399	3,798,766	348,221	4,673,657	49
Nevada.....	31,000	236,847	415,298	230,970	72,516	330,554	7
New Hampshire.....	182,000	390,000	487,000	2,520,000	915,000	4,388,000	752
New Jersey.....	871,058	963,048	2,992,256	3,514,684	742,000	15,020,703	582
New Mexico.....	33,523	280,008	83,000	265,035	73,500	20,761	6
New York.....	2,908,176	12,074,282	15,324,262	49,912,341	6,128,116	77,384,699	1,726
North Carolina.....	283,029	1,248,827	1,582,067	3,964,947	1,527,379	3,160,092	540
North Dakota.....	103,886	644,274	424,420	1,380,310	311,000	2,390,617	33
Ohio.....	1,095,199	4,744,008	5,241,841	14,548,993	2,152,061	14,028,724	450
Oklahoma.....	75,776	673,792	223,763	1,728,687	247,000	4,087,947	37
Oregon.....	196,474	878,748	1,405,791	2,612,196	463,493	3,997,053	7
Pennsylvania.....	1,677,995	9,781,296	11,920,439	32,689,041	5,244,245	42,775,143	967
Rhode Island.....	272,600	146,600	14,856	321,450	.....	.....	255
South Carolina.....	209,238	1,031,050	2,291,196	4,033,117	1,369,800	1,562,643	447
South Dakota.....	99,037	436,081	286,800	1,752,302	387,911	1,638,090	255
Tennessee.....	277,195	1,185,569	2,195,235	4,793,810	1,276,768	7,553,710	301
Texas.....	346,714	2,432,699	1,904,669	9,067,481	3,087,028	13,796,791	66
Utah.....	84,638	286,924	73,700	1,396,700	.....	20,000	46
Vermont.....	165,160	458,717	118,879	1,654,210	318,819	2,066,193	489
Virginia.....	409,297	1,526,411	1,832,619	6,286,993	1,674,757	7,607,164	535
Washington.....	213,702	1,158,305	1,433,374	3,190,825	138,828	6,572,191	42
West Virginia.....	80,126	366,725	400,785	1,135,643	126,692	395,436	5
Wisconsin.....	454,263	2,420,857	2,969,920	7,719,795	1,344,979	6,829,229	137
Wyoming.....	41,000	304,000	100,000	487,000	87,000	230,339	48
Outlying possessions.							
Hawaii.....	23,933	133,719	126,116	70,499	.....	.....	4
Porto Rico.....	7,600	97,451	65,910	186,541	.....	10,850	.....



TABLE 25.—Income of public and of private universities, colleges, and professional schools in 1917-18.

States.	Public institutions.						Private institutions.					Total income.
	From productive funds.	From United States Government, State, or city.	From private benefactions.	From student fees and other sources.	Total income.	From productive funds.	From United States Government, State, or city.	From private benefactions.	From student fees and other sources.	Total income.		
1	2	3	4	5	6	7	8	9	10	11		
Continental United States.....	\$2,572,744	\$47,608,246	\$477,011	\$14,657,883	\$65,315,884	\$19,851,370	\$2,755,661	\$10,227,794	\$38,904,808	\$71,739,331		
Alabama.....	103,366	324,206	4,100	94,650	522,322	27,463	0	49,447	526,372	692,282		
Arizona.....	4,483	24,877	0	23,397	33,772	0	0	0	139,210	177,460		
Arkansas.....	6,183	340,378	0	23,247	368,608	18,014	0	9,247	139,210	164,425		
California.....	226,216	2,390,652	118,285	921,337	3,632,810	1,075,214	0	158,647	1,249,735	2,482,600		
Colorado.....	26,237	1,036,691	0	229,322	1,292,150	104,188	0	12,800	226,347	345,413		
Connecticut.....	6,810	265,783	0	190,817	463,410	1,347,358	0	1,627,388	624,132	3,598,874		
Delaware.....	26,203	262,465	30,000	83,279	422,948	111,043	0	133,605	628,314	870,962		
Dist. Columbia.....	13,714	101,000	3,115	105,407	223,236	111,043	0	22,500	72,521	180,604		
Florida.....	15,668	415,891	64,047	111,069	606,685	55,883	0	744,228	731,800	1,704,180		
Georgia.....	26,779	525,882	2,285	151,569	706,515	225,152	0	0	0	931,667		
Illinois.....	111,276	478,447	0	31,506	621,229	5,884	0	13,999	4,940	24,823		
Indiana.....	32,451	2,483,349	36,450	513,156	3,075,409	2,762,258	0	592,546	3,340,550	6,875,363		
Iowa.....	75,010	1,390,212	0	496,052	1,961,274	238,862	0	56,784	375,859	871,489		
Kansas.....	46,321	2,907,348	2,000	1,027,282	3,994,951	361,217	0	289,252	1,133,908	1,774,377		
Kentucky.....	32,418	1,592,947	0	550,641	2,170,006	132,678	0	142,103	583,806	858,589		
Maine.....	10,644	453,686	3,000	288,086	745,428	196,278	0	126,847	670,865	988,190		
Maryland.....	8,905	470,491	0	96,907	575,403	221,049	0	63,013	283,091	331,443		
Massachusetts.....	6,543	3,039,265	0	124,350	3,164,158	164,415	0	111,786	81,162	337,373		
Michigan.....	10,613	510,910	0	182,271	703,794	3,287,569	80,773	1,251,180	5,447,408	10,240,992		
Minnesota.....	148,205	2,071,796	129,038	1,245,873	3,597,922	121,455	0	138,056	211,683	501,194		
Mississippi.....	58,052	2,032,317	0	448,100	2,538,469	190,268	0	262,639	427,643	1,061,543		
Missouri.....	65,838	440,272	3,000	433,367	1,632,493	15,000	0	13,482	184,602	215,083		
Montana.....	79,926	876,958	0	367,357	1,324,241	469,324	0	213,701	969,102	1,562,332		
Nebraska.....	35,000	688,773	0	94,243	818,016	0	0	0	0	912,259		

TABLE 25.—Income of public and of private universities, colleges, and professional schools in 1917-18—Continued.

States.	Public Institutions.					Private Institutions.				
	From productive funds.	From United States Government, State, or city.	From private benefactions.	From student fees and other sources.	Total income.	From productive funds.	From United States Government, State, or city.	From private benefactions.	From student fees and other sources.	Total income.
Nebraska.....	87,077	81,209,953	0	837,522	81,741,112	820,843	0	812,941	820,931	8036,715
Nevada.....	14,263	237,256	0	45,220	287,769	197,017	0	89,646	289,135	581,693
New Hampshire.....	39,866	224,650	\$125	106,182	373,823	491,860	0	370,160	638,626	1,726,666
New Jersey.....	48,762	351,893	131	79,631	480,499	0	0	0	0	0
New Mexico.....	0	2,694,919	1,300	77,464	2,774,263	3,452,469	1,201,058	1,154,265	7,973,265	13,812,077
New York.....	19,819	547,226	5,067	223,034	786,138	3,185,750	0	55,636	588,424	839,802
North Carolina.....	126,768	468,724	0	188,767	784,316	4,813	0	17,632	29,496	51,661
North Dakota.....	154,396	2,800,115	26,216	736,677	3,823,267	630,464	7,800	484,744	996,690	2,122,688
Ohio.....	160,354	1,311,190	0	126,614	1,598,368	17,426	0	30,484	37,429	1,606,339
Oklahoma.....	21,654	920,513	0	151,865	1,094,032	95,046	0	43,937	187,118	329,201
Oregon.....	20,000	870,720	0	215,632	1,086,352	1,918,212	910,029	690,221	4,473,731	8,031,168
Pennsylvania.....	2,800	130,592	0	70,015	203,097	57,321	0	67,319	119,532	388,673
Rhode Island.....	19,698	634,515	0	270,194	924,405	66,672	0	80,668	111,797	232,137
South Carolina.....	60,064	931,556	0	118,879	1,110,499	326,241	19,000	212,570	749,990	1,288,780
South Dakota.....	26,232	1,246,121	3,650	84,638	1,359,981	690,161	0	146,469	915,068	1,651,084
Tennessee.....	254,664	2,674,263	2,067	123,514	3,554,708	0	0	0	0	0
Texas.....	35,980	167,243	0	188,288	391,520	48,472	48,800	3,061	119,713	219,996
Vermont.....	126,164	523,724	14,369	656,427	1,310,684	262,718	0	192,303	1,063,747	1,513,766
Virginia.....	95,994	1,314,324	0	269,800	1,680,118	27,033	0	656	94,110	122,759
Washington.....	6,463	619,045	0	79,632	705,142	19,160	0	2,809	76,754	100,522
West Virginia.....	37,618	1,928,080	24,893	922,474	2,912,065	208,164	0	91,260	488,465	779,869
Wisconsin.....	28,778	246,218	0	58,836	328,787	0	0	0	0	0
Wyoming.....	1,865	85,956	0	5,139	89,065	0	0	0	0	0
Outlying possessions:										
Hawaii.....		100,142		3,768	103,765					
Porto Rico.....										

TABLE 28.—Receipts of universities, colleges, and professional schools in 1917-18.

States.	From student fees.				From productive funds.	From State or city.			From private benefactions.			From all other sources.	Total receipts.	Total receipts, exclusive of additions to endowments.
	From tuition and other educational services.		From State or city.			From United States Government.	From private benefactions.		From all other sources.					
	For tuition and other educational services.	For room rent, etc.	For increase of plant.	For current expenses.			For endowment.	For current expenses.						
3	4	5	6	7	8	9	10	11	12	13	14			
<b>Continental United States.</b>	\$24,048,241	\$3,219,320	\$11,910,728	\$2,424,014	\$23,490,857	\$9,971,906	\$16,740,140	\$5,154,240	\$18,294,375	\$158,801,858	\$137,055,415			
Alabama.....	262,408	28,912	287,320	182,879	198,445	125,781	18,100	85,000	35,447	50,384	1,134,004			
Arizona.....	6,782	41,837	18,446	100,000	265,073	94,574	1,200	200	8,000	28,180	555,912			
Arkansas.....	83,979	4,393	87,832	21,180	219,538	129,840	1,200	200	3,000	6,204	534,399			
California.....	84,294	212,861	1,201,088	298,861	1,991,088	119,433	94,310	1,432,004	183,672	1,098,284	7,838,414			
Colorado.....	348,694	18,861	80,372	162,000	751,811	102,780	9,288	438,134	3,592	2,046,767	9,116,410			
Connecticut.....	452,111	148,304	45,467	92,087	85,000	78,726	1,144,799	1,863,430	482,867	168,527	5,425,704			
Delaware.....	14,409	27,811	24,208	126,000	30,000	91,153	30,000	191,166	108,901	37,066	425,949			
Dist. Columbia.....	24,172	68,431	17,231	114,594	218,399	101,000	27,819	88,457	2,715	144,244	1,084,196			
Florida.....	41,488	138,790	71,231	114,594	348,426	110,462	683,309	579,070	82,313	2,715	786,699			
Georgia.....	353,631	44,678	362,668	251,931	585,426	110,462	683,309	579,070	82,313	126,001	2,866,765			
Idaho.....	8,020	4,560	13,286	96,000	284,037	98,415	13,662	13,999	13,999	10,581	659,714			
Illinois.....	2,486,154	117,132	2,628,556	2,684,709	2,063,263	140,066	742,679	1,865,332	183,317	691,027	9,680,772			
Indiana.....	828,776	26,758	128,216	313,873	1,063,721	140,483	14,863	335,264	43,908	376,164	3,188,027			
Iowa.....	864,489	128,016	461,096	419,596	579,500	124,422	1,154,374	241,614	241,614	737,663	6,923,002			
Kansas.....	337,770	46,433	177,118	165,096	192,500	128,814	42,897	247,372	99,106	573,133	3,034,597			
Kentucky.....	176,266	31,467	209,544	208,922	284,668	126,000	56,064	92,790	67,793	861,684	1,723,818			
Louisiana.....	196,427	3,967	55,746	283,864	164,000	106,461	37,232	20,200	26,781	182,858	997,666			
Maine.....	121,256	17,160	10,027	174,369	149,202	101,702	91,030	270,874	20,790	57,058	1,015,308			
Maryland.....	300,612	102,708	314,017	89,968	172,433	2,733,607	137,487	181,620	15,118	40,780	4,212,264			
Massachusetts.....	3,019,015	27,467	1,263,278	32,306	874,860	101,927	605,264	2,632,335	647,968	1,077,929	13,461,141			
Michigan.....	641,296	28,745	49,045	269,690	1,723,700	138,098	175,108	320,880	92,006	771,472	4,329,096			
Minnesota.....	159,191	131,595	457,248	228,288	128,200	190,731	167,026	194,847	64,411	626,168	4,292,491			
Mississippi.....	128,850	7,223	302,468	80,820	114,721	114,721	4,400	17,611	17,611	288,163	1,467,829			
Missouri.....	799,074	78,046	314,479	549,460	687,276	129,104	82,638	268,547	137,163	1,201,104	2,467,000			
Montana.....	26,945	8,046	35,469	35,000	120,000	97,867	470,908	121,163	20,768	20,768	818,018			

TABLE 28.—Receipts of universities, colleges, and professional schools in 1917-18—Continued.

	From student fees.				From State or city.	From United States Government.	From private benefactions.			From all other sources.	Total receipts.	Total receipts exclusive of additions to endowment.		
	For tuition and other educational services.	For room rent.	For books, etc.	For other fees.			For increase of plant.	For current expenses.	For endowment.				For current expenses.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Alabama.....	236,222	294,077	825,419	277,800	1,338,328	544,704	739,213	318,576	571,267	239,777	823,054	1,554,796	82,404,604	82,322,187
Alaska.....	1,875	2,868	20,625	15,253	40,551	60,000	145,035	92,231	15,545	15,008	17,523	19,833	297,769	297,769
Arizona.....	131,666	109,473	62,787	236,833	541,763	50,000	74,075	115,676	19,545	70,228	89,753	19,833	871,231	851,423
Arkansas.....	693,276	117,014	11,696	491,829	1,413,815	27,965	114,949	110,423	110,000	288,391	200,100	3,333	2,014,477	1,736,968
California.....	5,014	5,068	26,913	48,752	86,737	27,965	229,798	99,102	99,102	181	181	42,626	480,459	480,459
Colorado.....	3,244,719	461,985	934,017	3,423,469	12,065,031	128,454	2,065,031	1,708,032	460,177	1,070,354	695,408	3,410,079	17,606,714	16,196,699
Connecticut.....	319,820	51,334	24,487	1,267,353	2,448,707	63,812	345,707	134,707	28,967	39,497	41,783	1,674,435	1,674,435	1,684,628
Delaware.....	46,800	41,634	24,487	114,269	212,875	37,162	212,875	108,659	4,706	4,706	17,823	91,291	940,772	885,977
District of Columbia.....	973,108	131,646	278,674	793,845	2,081,857	573,052	2,081,857	1,351,543	274,191	630,888	236,769	345,579	6,376,831	5,945,945
Florida.....	78,933	4,323	55,140	173,010	638,457	573,052	638,457	130,738	700	100,100	24,784	1,805,827	1,805,827	1,708,727
Georgia.....	170,468	56,474	27,849	116,700	788,659	86,070	1,459,206	131,937	2,346	175,758	40,671	84,168	1,524,950	1,419,253
Idaho.....	2,026,911	346,937	735,924	1,948,313	8,070	86,070	1,459,206	131,937	127,660	1,577,765	502,561	10,612,310	9,097,945	9,097,945
Illinois.....	4,522	8,323	32,589	2,500	4,000	4,000	4,000	90,520	40,520	40,520	40,520	90,520	1,449,371	1,449,371
Indiana.....	175,889	24,789	438,236	77,517	65,139	65,139	428,520	151,528	43,911	17,339	24,468	44,134	1,485,377	1,449,371
Iowa.....	96,096	16,317	35,556	128,706	426,961	426,961	398,250	106,446	41,798	41,798	50,068	82,705	1,384,404	1,342,005
Kansas.....	364,511	38,922	246,974	302,493	1,000,000	1,000,000	179,565	134,236	60,569	490,077	165,061	195,961	2,148,768	2,058,741
Kentucky.....	454,869	119,315	602,793	895,221	465,160	75,253	1,460,818	173,415	53,226	25,955	97,243	724,403	4,032,135	4,009,450
Louisiana.....	24,789	25,756	62,666	94,312	378,852	19,166	465,455	96,498	58,465	58,465	3,081	87,800	697,790	697,790
Maine.....	124,000	168,678	672,661	378,852	1,916,666	19,166	148,060	100,053	116,000	145,554	90,672	231,552	669,000	611,525
Maryland.....	226,402	17,430	100,501	123,027	1,037,014	69,017	1,037,014	107,393	200	200	656	110,577	1,003,117	1,002,917
Massachusetts.....	60,214	16,854	42,060	25,622	82,500	82,500	82,500	124,011	61,973	61,973	2,606	30,258	827,638	805,605
Michigan.....	403,291	59,350	339,669	240,782	1,450,569	140,569	1,412,104	124,011	38,863	485,935	77,800	453,240	4,338,909	3,892,925
Minnesota.....	6,992	23,203	23,203	23,273	1,121,303	31,652	1,121,303	93,831				28,641	328,787	328,787
Mississippi.....														
Missouri.....	112					11,263	22,693	50,000				5,027	89,095	89,095
Montana.....	1,773					142	50,000	50,000		329		2,485	106,074	103,705
Nebraska.....														
Nevada.....														
New Hampshire.....														
New Jersey.....														
New Mexico.....														
New York.....														
North Carolina.....														
North Dakota.....														
Ohio.....														
Oklahoma.....														
Oregon.....														
Pennsylvania.....														
Rhode Island.....														
South Carolina.....														
South Dakota.....														
Tennessee.....														
Texas.....														
Vermont.....														
Virginia.....														
Washington.....														
West Virginia.....														
Wisconsin.....														
Wyoming.....														
Outlying possessions:														
Hawaii.....														
Puerto Rico.....														

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total teachers and instructors.		Students.		Total students.		First degree.		Total first degree.		Graduate degrees.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
ALABAMA.																					
Auburn	Alabama Polytechnic Institute.	Coed.	State.	1872	13	0	67	0	94	12	780	12	5	3	38	3	8	0			
	Arts and sciences.								45	1											
	Chemical engineering.								24	1											
	Civil engineering.								32	0											
	Electrical engineering.								17	0											
	Mechanical engineering.								217	0											
	Mining engineering.								0	0											
	Architecture.								350	0											
	Agriculture.								18	0											
	Forestry.								15	0											
	Education.								22	6											
	Veterinary medicine.								44	0											
	Pharmacy.								20	0											
	Summer school (1917).								348	0											
	Military drill.								688	0											
Birmingham	Birmingham-Southern College.	Coed.	M. E. So.	1897	4	0	14	0	139	8	303	23	0	15	4	0	1	4			
	Preparatory.								167	15											
	Arts and sciences.								15	6											
	Education.								156	0											
	Military drill.								4	4											
	Howard College.								116	36											
	Arts and sciences.								0	2											
	Graduate.								18	120											
	Special.								6	5											
	Summer school (1917).																				

\* Excluding duplicates, and those in summer school, short winter course, extension courses, and correspondence courses.  
 \* Includes students in music, art, oratory, business, etc., unless they are enrolled in four-year courses leading to a collegiate degree.



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.		
ALABAMA—contd.	Judson College.	Women.	Bapt.	1899	4	5	23	71	2	238	0	0	0	11	0	0	0	0	0	0
	Prichard College.	Men.	Bapt.	1899	3	4	0	123	0	0	0	11	0	0	0	0	0	0	0	0
	University of Alabama.	Coeducational.	State.	1820	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Special.	Men.	None.	1899	2	10	0	42	473	0	0	0	0	0	0	0	0	0	0	0
	Madison Institute.	Men.	None.	1899	14	0	0	415	0	0	0	0	0	0	0	0	0	0	0	0
	Preparatory.	Men.	None.	1899	5	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences.	Men.	None.	1899	5	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0
	Summer school (1917).	Men.	None.	1899	5	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0
	Military drill.	Men.	None.	1899	5	0	0	473	0	0	0	0	0	0	0	0	0	0	0	0
	Alabama Girls' Technical Institute.	Women.	State.	1896	0	5	3	33	0	491	0	0	0	0	0	0	0	0	0	0
MISSISSIPPI.	Preparatory.	Men.	State.	1896	0	5	3	33	0	491	0	0	0	0	0	0	0	0	0	0
	Arts and sciences.	Men.	State.	1896	0	5	3	33	0	491	0	0	0	0	0	0	0	0	0	0
	Agriculture.	Men.	State.	1896	0	5	3	33	0	491	0	0	0	0	0	0	0	0	0	0
	Commerce.	Men.	State.	1896	0	5	3	33	0	491	0	0	0	0	0	0	0	0	0	0
	Education.	Men.	State.	1896	0	5	3	33	0	491	0	0	0	0	0	0	0	0	0	0
	Political science.	Men.	State.	1896	0	5	3	33	0	491	0	0	0	0	0	0	0	0	0	0
	Law.	Men.	State.	1896	0	5	3	33	0	491	0	0	0	0	0	0	0	0	0	0
	Music.	Men.	State.	1896	0	5	3	33	0	491	0	0	0	0	0	0	0	0	0	0
	Summer school (1917).	Men.	State.	1896	0	5	3	33	0	491	0	0	0	0	0	0	0	0	0	0
	Woman's College of Alabama.	Women.	M. E. Co.	1910	6	20	6	20	0	275	0	32	0	32	0	0	0	0	0	0
MISSISSIPPI.	Arts and sciences.	Women.	M. E. Co.	1910	6	20	6	20	0	275	0	32	0	32	0	0	0	0	0	0
	Special.	Women.	M. E. Co.	1910	6	20	6	20	0	275	0	32	0	32	0	0	0	0	0	0
	Education.	Women.	M. E. Co.	1910	6	20	6	20	0	275	0	32	0	32	0	0	0	0	0	0
	Home economics.	Women.	M. E. Co.	1910	6	20	6	20	0	275	0	32	0	32	0	0	0	0	0	0
MISSISSIPPI.	Fine arts.	Women.	M. E. Co.	1910	6	20	6	20	0	275	0	32	0	32	0	0	0	0	0	0
	Fine arts.	Women.	M. E. Co.	1910	6	20	6	20	0	275	0	32	0	32	0	0	0	0	0	0

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

745

State	Institution	Men	R. C.	1892	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	
MISSISSIPPI	St. Bernard	Men	R. C.	1892	24	0	24	0	111	0	142	0	3	0	0	0	0	0	0	0	0	0	0	0	
					21	0	21	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					27	0	27	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					5	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Spring Hill College	Men	R. C.	1890	8	0	23	0	160	0	220	0	11	0	0	0	0	0	0	0	0	0	0	1
						12	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						2	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						2	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tallahassee College (colored)	Coed	A. M. A.	1899	6	13	12	15	123	149	178	183	10	3	0	0	0	0	0	0	0	0	0	0
						7	4	4	4	45	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						1	2	2	2	16	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						6	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						6	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		University of Alabama	Coed	State	1891	30	0	81	1	42	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						2	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					1	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					1	0	0	0	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					1	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					1	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					13	0	0	0	126	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					0	1	0	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					1	0	0	0	26	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					3	0	0	0	61	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					23	0	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					6	0	0	0	23	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					30	14	0	0	234	556	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					2	0	0	0	22	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					2	0	0	0	340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ARIZONA	University of Arizona	Coed	State	1891	26	12	52	12	77	180	232	213	8	13	21	13	2	2	3	0	0	0	0	0	
					10	20	10	20	8	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					2	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					1	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					3	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					3	0	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					12	0	0	0	26	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					4	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					4	0	0	0	121	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					4	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					4	0	0	0	145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or coeducational.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degree.		Total first degree.		Graduate degrees.		Total graduate degrees.		Honorary degrees.
				Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
ARKANSAS.																				
Arkadelphia.	Henderson-Brown College.	Coed.	M. E. So.	1890	4	4	5	10	39	33	214	189	6	4	8	4				1
	Preparatory.				3	4			26	19			6	4						
	Arts and sciences.				1	6			10	26										
	Special.				0	1			10	13										
	Commerce.				0	1			14	65										
	Home economics.				0	1			14	65										
	Music.				0	1			14	65										
Do.	Ousechita College.	Coed.	Bapt.	1886	9	4	9	4	117	148	117	148	8	10	8	10				
	Arts and sciences.				1	3			28	22			8	10	3	1				
	Preparatory.				2	2			8	12			3	1	3	1				
	Arkansas Cumberland College.	Coed.	Presb.	1891	1	3	3	5	0	0	0	0	0	0	0	0				
	Preparatory.				2	2			0	0			3	1	3	1				
	Arts and sciences.				0	3			0	34			0	15	0	15				
Carway.	Central Baptist College.	Women.	Bapt.	1892	2	3	3	14	0	0	0	0	0	0	0	0				
	Preparatory.				2	3			0	0			0	0	0	0				
	Arts and sciences.				0	3			0	82			0	8	0	8				
	Special.				1	0			0	31			0	0	0	0				
	Education.				0	1			0	28			0	0	0	0				
	Home economics.				0	1			0	32			0	0	0	0				
	Fine arts.				0	1			0	10			0	0	0	0				
	Music.				1	4			0	10			0	7	0	7				
Do.	Hendrix College.	Coed.	M. E. So.	1884	8	0	12	0	124	8	218	31	0	7	7	4				
	Preparatory.				0	0			0	0			7	4						
	Arts and sciences.				8	0			124	26	0	100	0	0	0	0				
	Preparatory.				0	3			0	32			0	0	0	0				
	Crescent College.	Women.	Nonsect.		0	7			0	39			0	0	0	0				
	Preparatory.				1	0			0	29			0	0	0	0				
	Arts and sciences.				0	7			0	10			0	0	0	0				
	Special.				1	0			0	10			0	0	0	0				
	Fine arts.				0	1			0	0			0	0	0	0				
	Music.				1	3			0	52			0	0	0	0				





TABLE 37.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Pro-fessors and in-structors.		Total pro-fessors and in-structors.		Students.		Total students.		First de-grees.		Total first de-grees.		Gradu-ate de-grees.		Total gradu-ate de-grees.		Honorary degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CALIFORNIA—COED.																						
Berkeley	University of California—Continued. Summer school (1917) Extension courses. Correspondence courses. Military drill.				132	32			868	3,111												
Charmont	Pomona College.	Coed.	Nonsect.	1888	37	8	37	8	185	332	190	338	17	52	17	52	1	0	1	0	1	0
Fresno	Fresno Junior College.	Coed.	City.		13	2	13	2	22	69	24	73										
Fullerton	Fullerton Junior College.	Coed.	City.		7	7	7	7	18	0	5	53										
Los Angeles	Occidental College.	Coed.	Nonsect.	1887	20	4	20	4	122	185	128	170	22	28	22	28						1
Los Angeles	University of Southern California.	Coed.	M. E.	1880	2	4	350	46	60	81	1,595	1,842			233	121			13	18		
	Respiratory.				63	24			484	536												
	Graduate.				30	7			109	199												
	Special.				19	22			98	451												
	Chemical engineering.				2	0			20	4												
	Civil engineering.				2	0			20	4												
	Electrical engineering.				2	0			20	4												



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Pro-fessors and in-structors.		Students.		Total students.		First de-grees.		Gradu-ate de-grees.		Total gradu-ate de-grees.		Honorary degrees.				
				Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.							
CALIFORNIA—contd.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
San Francisco Theological Seminary	Coed.	Presb.	1871	9	0	9	0	43	6	43	5	9	0	9	0					
College of the Pacific	Coed.	M. E.	1881	1	5	17	17	39	44	141	24	6	8	6	8					
Preparatory				10	2			84	130			6	4							
Arts and sciences				0	2			17	0			0	4							
Fine arts				4	6			17	53			0	4							
Musical				4	6			17	53			0	4							
Military drill				4	6			17	53			0	4							
San Luis Obispo Junior College	Coed.	City		4	4	4	4	50	0	4	4									
Arts and sciences				4	4	4	4	50	0	4	4									
Special				4	4	4	4	50	0	4	4									
Military drill				4	4	4	4	50	0	4	4									
Sanita Ana Junior College	Coed.	City		3	5	3	5	17	45	17	45									
Arts and sciences				3	5	3	5	17	45	17	45									
Military drill				3	5	3	5	17	45	17	45									
University of Santa Clara	Men.	R. C.	1831	14	0	38	0	167	0	291	0	0	0	16	0					
Preparatory				14	0	38	0	167	0	291	0	0	0	16	0					
Arts and sciences				16	0	40	0	183	0	313	0	0	0	18	0					
General engineering				16	0	40	0	183	0	313	0	0	0	18	0					
Chemical engineering				16	0	40	0	183	0	313	0	0	0	18	0					
Electrical engineering				16	0	40	0	183	0	313	0	0	0	18	0					
Mechanical engineering				16	0	40	0	183	0	313	0	0	0	18	0					
Law				16	0	40	0	183	0	313	0	0	0	18	0					
Leland Stanford Junior University	Coed.	Nonsect.	1891	105	11	221	13	576	478	1,184	579	83	43	133	47	19	24			
Arts and Sciences				105	11	221	13	576	478	1,184	579	83	43	133	47	19	24			
Graduate				105	11	221	13	576	478	1,184	579	83	43	133	47	19	24			
Chemical engineering				10	0	23	0	73	0	93	0	0	0	10	0					
Civil engineering				6	0	15	0	47	0	62	0	0	0	6	0					
Electrical engineering				4	0	10	0	30	0	40	0	0	0	4	0					



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
COLORADO—contd.																					
Fort Collins.....	Colorado Agricultural College—Continued.																				
	Electrical engineering.....				2	0	2	0	6	0	6	0	0	0	0	0	0	0	0	0	0
	Mechanical engineering.....				3	0	3	0	3	0	3	0	21	0	0	0	0	0	0	0	0
	Agriculture.....				22	3	25	0	108	0	108	0	0	0	0	0	0	0	0	0	0
	Forestry.....				2	0	2	0	4	0	4	0	0	0	0	0	0	0	0	0	0
	Home economics.....				10	14	24	0	0	176	0	0	0	24	0	0	0	0	0	0	0
	Music.....				4	4	8	0	36	142	178	0	0	0	0	0	0	0	0	0	0
	Veterinary medicine.....				6	0	6	0	33	0	33	0	9	0	0	0	0	0	0	0	0
	Summer school (1917).....				4	4	8	0	13	23	36	0	0	0	0	0	0	0	0	0	0
	Military school.....				20	4	24	0	217	0	217	0	0	0	0	0	0	0	0	0	0
Golden.....	Colorado School of Mines.....	Coed.	State.	1874	18	0	18	0	153	1	154	1	13	0	13	0	0	0	0	0	0
	Mining engineering.....				1	0	1	0	29	4	33	0	0	0	0	0	0	0	0	0	0
	Preparatory.....				2	8	10	0	125	385	510	0	0	0	0	0	0	0	0	0	0
	Colorado State Teachers College.....	Coed.	State.	1880	35	33	68	0	101	623	724	0	18	80	98	0	0	0	0	0	0
Greeley.....	Arts and sciences.....				1	1	2	0	24	44	68	0	0	0	0	0	0	0	0	0	0
	Special.....				1	1	2	0	50	532	582	0	0	0	0	0	0	0	0	0	0
	Agriculture.....				1	1	2	0	7	19	26	0	0	0	0	0	0	0	0	0	0
	Commerce.....				1	1	2	0	3	22	25	0	0	0	0	0	0	0	0	0	0
	Journalism.....				2	0	2	0	35	454	489	0	0	0	0	0	0	0	0	0	0
	Education.....				0	4	4	0	0	60	60	0	0	0	0	0	0	0	0	0	0
	Home economics.....				0	2	2	0	3	42	45	0	0	0	0	0	0	0	0	0	0
	Fine arts.....				1	4	5	0	3	42	45	0	0	0	0	0	0	0	0	0	0
	State normal school (1917).....				8	1	9	0	83	371	454	0	0	0	0	0	0	0	0	0	0
	Extension courses.....				1	1	2	0	186	40	226	0	0	0	0	0	0	0	0	0	0
	Correspondence courses.....				2	0	2	0	108	207	215	0	0	0	0	0	0	0	0	0	0
	Military drill.....				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

University Park	Coed	M. E.	1864	1874	1884	1894	1904	1914	1924	1934	1944	1954	1964	1974	1984	1994	2004
University of Denver																	
Arts and sciences																	
Graduate																	
Special																	
Commerce																	
Law																	
Dentistry																	
Summer school (1917)																	
Extension courses																	
Military drill																	
Connecticut																	
Hartford																	
Do																	
Middletown																	
Do																	
New Haven																	
Yale University																	
Arts and sciences																	
Graduate																	
Special																	
Military drill																	
Yale University																	
Arts and sciences																	
Graduate																	
Special																	
Military drill																	
New London																	
Connecticut College for Women																	
Arts and sciences																	
Special																	

50673-21-5

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location	Institution	For men, for women, or coeducational	Control	Year of first opening	Professors and instructors		Students		Total students		First degrees		Total first degrees		Graduate degrees		Total graduate degrees		
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men
CONNECTICUT—CON.	Connecticut Agricultural College	Coed.	State	1881	20	5	49	0	161	31	14	15	16	17	18	19	20	21	22
	Agriculture (noncollegiate)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Home economics (noncollegiate)				20	2	112	0	112	0	11	0	0	0	0	0	0	0	0
	Agriculture				0	3	0	25	0	0	0	0	0	0	0	0	0	0	0
	Home economics Military drill				0	0	161	0	161	0	0	0	0	0	0	0	0	0	0
MASSACHUSETTS—MASS.	Delaware College	Coed.	State	1834	21	5	73	49	216	120	9	13	32	30	1	0	1	0	2
	Arts and sciences				0	0	11	0	0	0	0	0	0	0	0	0	0	0	0
	Special				0	0	24	0	0	0	0	0	0	0	0	0	0	0	0
	General engineering				2	0	17	0	0	0	0	0	0	0	0	0	0	0	0
	Civil engineering				2	0	24	0	0	0	0	0	0	0	0	0	0	0	0
	Electrical engineering				2	0	17	0	0	0	0	0	0	0	0	0	0	0	0
	Mechanical engineering				2	0	24	0	0	0	0	0	0	0	0	0	0	0	0
	Agriculture				11	0	18	0	0	0	0	0	0	0	0	0	0	0	0
	Education				1	2	49	2	0	0	0	0	0	0	0	0	0	0	0
	Home economics				0	3	0	36	0	0	0	0	0	0	0	0	0	0	0
	Summer school (1917)				16	5	25	256	0	0	0	0	0	0	0	0	0	0	0
	Military drill				0	0	167	0	0	0	0	0	0	0	0	0	0	0	0
DIST. COLUMBIA	American University	Coed.	M. E.		8	0	32	9	32	9	0	0	0	0	5	0	5	0	1
	Graduate				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Catholic Sisters College	Women	R. C.	1911	33	6	0	60	0	204	0	39	0	39	0	0	0	22	
	Arts and sciences				0	0	0	22	0	0	0	0	0	0	0	0	0	22	
	Graduate				25	2	0	102	0	0	0	0	0	0	0	0	0	802	
Summer school (1917)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	



Do.....	Men.	R. C.	1889	86	86	0	308	0	436	0	24	0	06	0	40	0	58	0
Catholic University of America.....							128	0	0	0	0	0	0	0	0	0	0	0
Arts and sciences.....							29	0	0	0	0	0	0	0	0	0	0	0
Graduate.....							21	0	0	0	0	0	0	0	0	0	0	0
Chemical engineering.....							10	0	0	0	0	0	0	0	0	0	0	0
Civil engineering.....							7	0	0	0	0	0	0	0	0	0	0	0
Electrical engineering.....							57	0	0	0	0	0	0	0	0	0	0	0
Mechanical engineering.....							56	0	0	0	0	0	0	0	0	0	0	0
Architecture.....							18	0	0	0	0	0	0	0	0	0	0	0
Education.....							31	0	0	0	0	0	0	0	0	0	0	0
Theology.....							2	0	0	0	0	0	0	0	0	0	0	0
Gallaudet College.....	Coed	Nat'l.	1864	11	5	18	0	0	0	0	0	0	0	0	0	0	0	0
Law.....							0	0	0	0	0	0	0	0	0	0	0	0
Arts and sciences.....							0	0	0	0	0	0	0	0	0	0	0	0
Graduate.....							0	0	0	0	0	0	0	0	0	0	0	0
Special.....							0	0	0	0	0	0	0	0	0	0	0	0
Georgetown University.....	Men.	H. C.	1749	162	0	320	0	1,042	0	350	0	300	0	0	0	0	0	0
Arts and sciences.....							0	0	0	0	0	0	0	0	0	0	0	0
Graduate.....							0	0	0	0	0	0	0	0	0	0	0	0
Law.....							0	0	0	0	0	0	0	0	0	0	0	0
Medicine.....							0	0	0	0	0	0	0	0	0	0	0	0
Dentistry.....							0	0	0	0	0	0	0	0	0	0	0	0
Military drill.....							0	0	0	0	0	0	0	0	0	0	0	0
George Washington University.....	Coed	Nonsect.	1871	214	3	310	554	1,368	811	16	19	100	25	16	7	16	7	9
Arts and sciences.....							0	0	0	0	0	0	0	0	0	0	0	0
Chemistry.....							0	0	0	0	0	0	0	0	0	0	0	0
Civil engineering.....							0	0	0	0	0	0	0	0	0	0	0	0
Electrical engineering.....							0	0	0	0	0	0	0	0	0	0	0	0
Mechanical engineering.....							0	0	0	0	0	0	0	0	0	0	0	0
Architecture.....							0	0	0	0	0	0	0	0	0	0	0	0
Education.....							0	0	0	0	0	0	0	0	0	0	0	0
Law.....							0	0	0	0	0	0	0	0	0	0	0	0
Medicine.....							0	0	0	0	0	0	0	0	0	0	0	0
Veterinary medicine.....							0	0	0	0	0	0	0	0	0	0	0	0
Dentistry.....							0	0	0	0	0	0	0	0	0	0	0	0
Pharmacy.....							0	0	0	0	0	0	0	0	0	0	0	0
Summer school (1917).....							115	0	0	0	0	0	0	0	0	0	0	0
Howard University (colored).....	Coed	Nat'l.	1867	112	19	213	86	1,093	386	147	31	0	0	0	0	0	0	0
Preparatory.....							247	0	0	0	0	0	0	0	0	0	0	0
Arts and sciences.....							184	0	0	0	0	0	0	0	0	0	0	0
Special.....							16	0	0	0	0	0	0	0	0	0	0	0
Engineering.....							33	0	0	0	0	0	0	0	0	0	0	0
Education.....							0	0	0	0	0	0	0	0	0	0	0	0
Home economics.....							0	0	0	0	0	0	0	0	0	0	0	0
Theology.....							0	0	0	0	0	0	0	0	0	0	0	0
Law.....							112	0	0	0	0	0	0	0	0	0	0	0
Medicine.....							149	0	0	0	0	0	0	0	0	0	0	0
Dentistry.....							23	0	0	0	0	0	0	0	0	0	0	0
Pharmacy.....							0	0	0	0	0	0	0	0	0	0	0	0

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degree.		Total first degree.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
Washington.	National University Law School.	Coed.	Nonsct.	1869	25	0	176	25	176	25	176	25	40	0	40	0	28	0	
	Trinity College.	Women.	R. C.		10	25	0	303	0	303	0	303	0	51	0	51	0	1	
	Do.	Arts and sciences.			10	25	0	300	0	300	0	300	0	51	0	51	0	1	
Do.	Washington College of Law.	Coed.	Nonsct.	1806	23	13	86	65	86	65	86	65	19	8	19	8	0	1	
	Do.	Law.			23	13	86	65	86	65	86	65	19	8	19	8	0	1	
Do.	John B. Stetson University.	Coed.	Bapt.	1887	20	12	64	108	64	108	172	243	6	11	6	11	0	6	
	Do.	Preparatory.			20	12	64	108	64	108	172	243	6	11	6	11	0	6	
Gainesville.	Do.	Arts and sciences.			20	12	12	11	12	11	12	11	6	11	6	11	0	6	
	Do.	Graduate.			8	14	8	14	8	14	347	0	28	0	28	0	2	0	
	Do.	Special.			62	0	92	0	92	0	347	0	7	0	7	0	2	0	
	Do.	Arts and sciences.	Men.	State.	1884	16	0	6	0	6	0	0	0	0	0	0	0	0	
	Do.	Graduate.			13	0	42	0	42	0	0	0	0	0	0	0	0	0	
	Do.	General engineering.			12	0	6	0	6	0	0	0	0	0	0	0	0	0	
	Do.	Chemical engineering.			2	0	5	0	5	0	0	0	0	0	0	0	0	0	
	Do.	Civil engineering.			2	0	5	0	5	0	0	0	0	0	0	0	0	0	
	Do.	Electrical engineering.			2	0	11	0	11	0	0	0	0	1	0	1	0	0	
	Do.	Mechanical engineering.			3	0	4	0	4	0	0	0	0	0	0	0	0	0	
Do.	Do.	Agriculture.			22	0	89	0	89	0	0	0	0	0	0	0	0	0	
	Do.	Education.			17	0	48	0	48	0	0	0	0	0	0	0	0	0	
	Do.	Law.			4	0	46	0	46	0	0	0	0	0	0	0	0	0	
	Do.	Summer school (1917).			18	3	139	24	139	24	0	0	0	0	0	0	0	0	
	Do.	Short winter course.			23	0	156	0	156	0	0	0	0	0	0	0	0	0	
	Do.	Correspondence course.			23	0	156	0	156	0	0	0	0	0	0	0	0	0	
	Do.	Military drill.			12	0	192	0	192	0	0	0	0	0	0	0	0	0	

State	Year	Men	Women	Coed	Mem.	1905	1913	1927	1946	1956	1966	1976
Tallahassee	Florida State College for Women											
	Preparatory	2	3			0	31	0	0	0	34	0
	Arts and sciences	8	3			0	236	0	0	33	0	0
	Graduate	1				0	1	0	0	0	0	1
	Special	1				0	73	0	0	0	0	0
	Commerce	0	0			0	12	0	0	0	0	0
	Education	0	0			0	43	0	0	0	0	0
	Home economics	0	0			0	48	0	0	0	0	0
	Music	0	0			0	15	0	0	0	0	0
	Summer school (1917)	10	10			14	419	14	0	1	0	0
	Short winter course					0	84	0	0	0	0	0
Winter Park	Rollins College								81	183	2	6
	Preparatory	0	4			31	32	31	0	0	0	0
	Arts and sciences	6	2			14	32	14	2	6	0	0
	Graduate	1	0			34	119	34	0	0	0	0
	Home economics	0	1			0	9	0	0	0	0	0
	Physical education	0	0			2	15	2	0	0	0	0
	Music	0	0			0	69	0	0	0	0	0
Atlanta	University of Georgia								764	6	34	0
	Arts and sciences	34	0			273	0	273	0	0	0	0
	Graduate	8	0			14	6	14	0	0	0	0
	Special	0	0			120	0	120	0	0	0	0
	Civil engineering	2	0			26	0	26	0	0	0	0
	Electrical engineering	21	0			147	0	147	0	0	0	0
	Agriculture	1	0			4	0	4	0	0	0	0
	Forestry	4	0			64	0	64	0	0	0	0
	Commerce	1	0			9	0	9	0	0	0	0
	Education	3	0			70	0	70	0	0	0	0
	Law	3	0			6	0	6	0	0	0	0
	Veterinary medicine	3	0			8	0	8	0	0	0	0
	Pharmacy	2	0			18	0	18	0	0	0	0
	Summer school (1917)	73	27			243	794	243	2	0	0	0
	Military drill					450	0	450	0	0	0	0
Atlanta	Atlanta University (colored)								191	395	3	5
	Preparatory	7	11			118	314	118	0	0	0	0
	Arts and sciences	6	5			43	0	43	0	0	0	0
	Education	4	6			55	0	55	0	0	0	0
	Theology	6	0			100	14	100	14	0	0	0
	Georgia School of Technology								100	14	0	0
	Chemical engineering	12	0			46	0	46	0	0	0	0
	Civil engineering	10	0			70	0	70	0	0	0	0
	Electrical engineering	10	0			261	0	261	0	0	0	0
	Mechanical engineering	11	0			280	0	280	0	0	0	0
	Textile engineering	11	0			61	0	61	0	0	0	0
	Architecture	6	0			45	0	45	0	0	0	0
	Commerce	6	0			168	0	168	0	0	0	0
	Summer school (1917)	7	0			112	0	112	0	0	0	0
	Military drill					833	0	833	0	0	0	0
Do	Chamman Theological Seminary (colored)											
	Preparatory	6	0			66	0	66	0	0	0	0
	Arts and sciences	6	0			66	0	66	0	0	0	0
Do	Georgia School of Technology											
	Chemical engineering	12	0			46	0	46	0	0	0	0
	Civil engineering	10	0			70	0	70	0	0	0	0
	Electrical engineering	10	0			261	0	261	0	0	0	0
	Mechanical engineering	11	0			280	0	280	0	0	0	0
	Textile engineering	11	0			61	0	61	0	0	0	0
	Architecture	6	0			45	0	45	0	0	0	0
	Commerce	6	0			168	0	168	0	0	0	0
	Summer school (1917)	7	0			112	0	112	0	0	0	0
	Military drill					833	0	833	0	0	0	0

TABLE 27—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Pro-fessors and in-structors.		Total pro-fessors and in-structors.		Students.		Total students.		First de-grees.		Total first de-grees.		Gradu-ate de-grees.		Total gradu-ate de-grees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
GEORGIA—contd.																					
Athens	Morehouse College (colored)	Men	Bapt.		12	5	16	6	318	0	441	0	9	0	9	0					2
	Preparatory				11	0			67	0											
	Arts and sciences				11	0			67	0											
Do.	Teacher College (colored)			1885																	
	Morris Brown College (colored)	Coed	A. M. E.		9	3	9	3	91	3	108	6									3
	Preparatory				9	3			17	3											
	Arts and sciences				9	3			17	3											
College Park	Theology		Nonsect.	1848	3	0	3	21	21	2	0	156	0	0	14	0					
	Cox College	Women	Nonsect.		0	8			0	60	0	0	0	0	0	0					
	Preparatory				0	15			0	100	0	0	0	0	1	0					
	Arts and sciences				0	15			0	100	0	0	0	0	1	0					
	Special				0	0			0	75	0	0	0	0	0	0					
	Education				1	1			0	0	0	0	0	0	0	0					
	Home economics				0	2			0	4	0	0	0	0	0	0					
	Home economics				1	1			0	0	0	0	0	0	0	0					
	Fine arts				0	2			0	32	0	0	0	0	0	0					
	Music				0	2			0	32	0	0	0	0	0	0					
	Expression				0	2			0	11	0	0	0	0	0	0					
Dalhousie	North Georgia Agriculture College	Coed	State	1872	2	3	12	3	222	12	383	19	7	2	7	2					
	Preparatory				2	0			161	6											
	Arts and sciences				16	0			161	6											
	Agriculture				2	0			40	0											
	Commerce				1	1			70	10											
	Military drill				1	1			378	0											
Decatur	Agnes Scott College	Women	Nonsect.	1890	6	23	8	26	0	361	0	365	0	32	0	32					
	Arts and sciences				0	2			0	0	0	0	0	0	0	0					
	Graduate				0	2			0	0	0	0	0	0	0	0					
	Fine arts				0	2			0	0	0	0	0	0	0	0					
	Music				3	1			0	16	0	0	0	0	0	0					

Location	Institution	Year	Nonsect.	Women	Men	15	16	17	18	19	20	21	22	23	24	25
Gainesville	Brenau College	1878														
	Arts and sciences															
	Special															
	Business school (1917)															
	League Female College	1883														
	Arts and sciences															
	Special															
	Home economics															
	Fine arts															
	Expression															
	Music															
	Southern Female College															
	Preparatory															
	Arts and sciences															
	Commerce															
Education																
Home economics																
Physical																
Business school (1917)																
Merzer University	1837															
Arts and sciences																
Commerce																
Law																
Medical																
Warmer school (1917)																
Military drill																
Wesleyan College	1839															
Arts and sciences																
Special																
Journalism																
Education																
Home economics																
Fine arts																
Music																
Oglethorpe University	1916															
Arts and sciences																
Emory University	1836															
Theology																
Arts and sciences																
Special																
Theology																
Law																
Medicine																
Military drill																
Shorter College	1877															
Arts and sciences																
Special																
Expression																
Fine arts																
Music																

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

1	2	3	4	5	6		7		8		9		10		11		12		13		14		15		16		17		18						
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women			
Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Professors and instructors.	Total professors and instructors.	Students.	Total students.	First degrees.	Total first degrees.	Graduate degrees.	Total graduate degrees.	Honorary degrees.																						
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
GEORGIA—cont'd.																																			
South Atlanta.....	Clark University (colored).....	Coed.....	M. E.....	1870	6	4	6	9	47	117	61	206	3	3	3	3																			
	Preparatory.....				6	2	8	2	14	16																									
	Arts and sciences.....				0	4	4		0	33																									
	Home economics.....																																		
HAWAII.																																			
Honolulu.....	College of Hawaii.....	Coed.....	Territory.....	1907	15	8	15	8	45	14	65	75	3	1	8	1																			
	Arts and sciences.....				0	2	2		20	59																									
	Graduate.....								15	1																									
	Civil engineering.....								19	0																									
	Sugar technology.....								5	0																									
	Agriculture.....								0	9																									
	Home economics.....																																		
IDAH.																																			
Caldwell.....	College of Idaho.....	Coed.....	Presb.....	1891	2	2	9	5	13	11	58	146			8	13																			
	Preparatory.....				6	4	6	4	34	66					8	13																			
	Arts and sciences.....				0	1	0	1	0	21																									
	Education.....				2	1	2	1	12	20																									
	Home economics.....																																		
	Musgo.....																																		
	University of Idaho.....	Coed.....	State.....	1892	35	16	77	30	103	131	287	173	6	17	17	26																			
	Arts and sciences.....								6	7																									
	Graduate.....								0	25																									
	Preparatory.....				4	0	4	0	10	6																									
	Civil engineering.....				2	0	2	0	13	0																									
	Electrical engineering.....				2	0	2	0	14	0																									
	Mechanical engineering.....				2	0	2	0	15	0																									

Pocatello	Mining engineering	14																				
	Agriculture	10																				
	Forestry	0																				
	Education	2																				
	Home economics	0																				
	Music, &	0																				
	Law	2																				
	Short winter courses	0																				
	Correspondence courses	32																				
	Military drill	2																				
Idaho Technical Institute	Coed	14	8																			
	Preparatory	14	8																			
	Arts and sciences	14	8																			
	Short winter courses	11	8																			
	Military drill																					
Blair																						
Abingdon	Helding College																					
	Preparatory	7	9																			
	Arts and sciences	19	23																			
	Public speaking	59	41																			
	Musik.	2	19																			
	Military drill	1	3																			
Aurora	Aurora College																					
	Preparatory	15	6																			
	Arts and sciences	5	0																			
	Musik.	10	2																			
Bloomington	Theology	3	4																			
	Preparatory	3	0																			
	Arts and sciences	5	0																			
	Musik.	3	4																			
	Arts and sciences	10	2																			
	Preparatory	3	4																			
	Musik.	5	0																			
	Arts and sciences	12	5																			
Illinois Wesleyan University	Preparatory	0	3																			
	Arts and sciences	10	2																			
	Arts and sciences	2	5																			
	Arts and sciences	148																				
	Arts and sciences	2	2																			
	Arts and sciences	1	18																			
	Arts and sciences	132																				
	Arts and sciences	0	1																			
	Arts and sciences	5	7																			
	Arts and sciences	9	0																			
St. Victor College	Men	9	0																			
	Preparatory	20	0																			
	Arts and sciences	13	0																			
	Special	58	0																			
	Arts and sciences	3	0																			
	Military drill	230	0																			
Blackburn College	Coed	6	5																			
	Preparatory	3	2																			
	Arts and sciences	3	2																			
Carthage College	Coed	36	25																			
	Preparatory	21	34																			
	Arts and sciences	21	34																			
	Preparatory	36	27																			
	Arts and sciences	59	86																			
	Special	9	3																			
	Military drill	0	3																			
	Arts and sciences	1	18																			
	Military drill	59	0																			

1 junior college.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
Chicago—contd.	Armour Institute of Technology	Men.	Nonsect.	1893	6	0	59	0	0	0	472	0	42	0	1	0	9	0	
	Chemical engineering				6	0	59	0	0	0	0	0	0	0	1	0	0	0	
	Civil engineering				5	0	0	0	0	0	0	0	0	0	3	0	0	0	
	Electrical engineering				7	0	0	0	0	0	0	0	0	0	1	0	0	0	
	Mechanical engineering				21	0	0	0	0	0	0	0	0	0	3	0	0	0	
	Metallurgical engineering				2	0	0	0	0	0	0	0	0	0	1	0	0	0	
	Five professors engineering				3	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Architecture				6	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Summer school (1917)				12	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Military drill				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Bethany Bible School	Coed.	Breth.	1905	13	5	13	5	22	22	158	172	7	4	1	0	1	0	
	Theology				11	3	13	5	39	39	0	0	0	0	0	0	0	0	
	Bible teachers' training school				13	5	13	5	38	38	0	0	0	0	0	0	0	0	
	Special				13	5	13	5	81	71	0	0	0	0	0	0	0	0	
	Central States College of Pharmacy	Coed.	Nonsect.	1909	5	1	5	1	70	0	70	0	13	1	13	1	0	0	
	Pharmacy				5	1	5	1	0	0	0	0	0	0	0	0	0	0	
	Chicago-Kent Law School	Coed.	Nonsect.	1888	32	0	32	0	499	20	499	20	105	6	12	1	12	1	
	Law				32	0	32	0	0	0	0	0	0	0	0	0	0	0	
	Chicago Theological Seminary	Coed.	Cong.	1858	9	0	9	0	61	3	61	3	10	0	10	0	0	0	
	Theology				9	0	9	0	27	1	27	1	0	0	0	0	0	0	
	Correspondence courses				3	0	3	0	38	0	38	0	0	0	0	0	0	0	
	Chicago Veterinary College	Men.	Nonsect.	1883	14	0	14	0	190	0	190	0	118	0	118	0	0	0	
	Veterinary medicine				14	0	14	0	0	0	0	0	0	0	0	0	0	0	
	Evangelical Lutheran Theological Seminary	Men.	Ev. Luth.	1870	7	0	7	0	35	0	35	0	3	0	3	0	0	0	
	Theology				7	0	7	0	0	0	0	0	0	0	0	0	0	0	
	Correspondence courses				6	0	6	0	93	0	93	0	0	0	0	0	0	0	
	Hahnemann Medical College	Coed.	Nonsect.	1859	78	8	78	8	46	3	46	3	13	1	13	1	0	0	
	Medicine				78	8	78	8	0	0	0	0	0	0	0	0	0	0	



Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	
Hamilton College of Law.	Lewis Institute.	Loyola University.	McCormick Theological Seminary.	University of Chicago.	Western Theological Seminary.	James Mifflin University.	Eureka College.	Garrett Biblical Institute.	Northwestern University.	General Engineering College.												
1910	1896	1869	1853	1892	1885	1903	1848	1854	1855													
30	30	11	12	30	5	3	2	13	105	20	20	42	42	1	2	85	24	55	20	85	0	0
0	0	7	10	81	0	3	8	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degrees.		Total graduate degrees.		Honorary degrees.							
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
ILLINOIS—contd.	Northwestern University—Continued.																					
Evanston.....	Oratory.....				2	11	7	198	10	10	12	13										
	Medicine.....				21	10	215	10	287	10	1	0										
	Dentistry.....				155	41	287	6	521	9	338	4										
	Summer school (1917).....				60	0	91	338	343	0	14	0										
Do.....	Military drill.....	Men.	M. E.	1885	3	0	3	0	14	0	19	0										
Do.....	Theology.....	Men.	M. E.	1885	3	0	3	0	14	0	19	0										
	Swedish Methodist Episcopal Theological Seminary.....				2	0	19	19	19	0	308	434										
Galesburg.....	Knox College.....	Coed.	Nonsect.	1856	16	10	174	223	39	298	1	1										
	Arts and sciences.....				3	9	39	298	1	1	1	0										
	Graduate.....				3	9	39	298	1	1	1	0										
Do.....	Music.....	Coed.	Nonsect.	1892	19	11	66	70	66	70	56	70										
	Lombard College.....				3	0	18	3	18	3	18	3										
	Arts and sciences.....				3	0	18	3	18	3	18	3										
	Special.....				3	0	18	3	18	3	18	3										
	Home economics.....				3	0	18	3	18	3	18	3										
	Music.....				3	0	18	3	18	3	18	3										
	Theology.....				2	0	8	0	8	0	8	0										
	Military drill.....				2	0	8	0	8	0	8	0										
Godfrey.....	Methodist Seminary.....	Women.			0	23	0	23	50	0	0	138										
	Preparatory.....				0	23	0	23	0	100	58											
	Arts and sciences.....				0	23	0	23	0	100	58											

College	Year	F. Meth.	Coed.	1892	11	10	79	796	6	6
Greenville Collee	Preparatory	Coed			2	3	26	31		
	Arts and sciences				5	3	37	57	6	6
Illinois	Preparatory	Coed			0	4	20	120		
	Arts and sciences				1	12	178	254	5	16
	Music				4	6	71	200	12	4
	Women	M.F.			3	34	0	479	0	0
Illinois Woman's College	Preparatory				1	22	0	37		
	Arts and sciences				1	22	0	215		
	Special				1	22	0	187		
	Home economics				0	0	0	53		
	Fine arts				0	0	0	64		
	Music				2	12	0	267		
Junior College	Arts and sciences	Coed			8	4	25	83	25	83
Lake Forest	Preparatory	Coed			17	20	134	122	208	20
	Arts and sciences				19	4	92	69	20	21
	Preparatory				0	2	1	17		
Lebanon	Preparatory	Coed			2	3	37	10		
	Arts and sciences				2	11	26	26		
	Special				1	1	4	23	4	2
Lincoln College	Preparatory	Coed			4	3	30	0		
	Arts and sciences				4	3	2	2	12	53
	Music				6	25	6	25	1	9
Monmouth	Preparatory	Coed			12	4	86	158	100	296
	Arts and sciences				2	4	56	138	7	23
Mount Carroll	Preparatory	Women			1	16	0	84		
	Arts and sciences				1	16	0	49		
	Home economics				0	2	0	18		
	Fine arts				0	2	0	25		
	Music				0	3	0	42		
Naperville	Evangelical Theological Seminary	Coed			4	0	57	2	3	0
	Theology				4	0	57	2	3	0
Do.	Northwestern College	Coed			19	7	240	115	3	0
	Preparatory				2	1	26	17		
	Arts and sciences				14	4	149	107	33	19
	Special				3	2	52	21		

Junior College.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	1	2	3	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.		
						Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.
Peoria						6	7	6	7	10	11	12	13	14	15	16	17	18	19	20	21	22
Peoria—contd.						13	14	100	79	326	311					0	3					
Bradley Polytechnic Institute.						18	15	152	215													
Preparatory						9	7	16	0													
Arts and sciences						0	7	0	0													
General engineering						3	1	0	0													
Finance economics						7	0	88	81													
Fine arts						0	0	0	0													
Extension school (1917)						0	0	0	0													
Extension courses						0	0	0	0													
Military drill						6	27	0	217													
Rockford College					1849	0	25	0	0													
Arts and sciences						0	0	0	35													
Special						0	1	0	12													
Commerce						0	0	0	0													
Education						0	3	0	21													
Home economics						0	0	0	0													
Fine arts						0	0	0	0													
Music						0	6	0	68													
Augustana College					1860	9	0	13	51													
Preparatory						17	1	109	71													
Arts and sciences						7	5	29	29													
Graduate						0	0	130	236													
Special						0	1	130	19													
Education						3	1	37	69													
Commerce						0	0	19	17													
Fine arts						5	5	58	127													
Music						0	0	90	0													
Theology						0	0	2	33													
Summer school (1917)						6	0	60	0													
Concordia Theological Seminary					1846	6	0	60	90													
Preparatory						0	0	0	0													
Theology						0	0	0	0													

Upper Alkon.....	Shurtleff College.....	Papt.....	1927.....	0 3	7 7	7 7	8 8	51 51	73 73	3 3	8 8	3 3	8 8	51 51	73 73	3 3	8 8	51 51	73 73	3 3	8 8
	Preparatory			7	4	4	43	18													
	Arts and sciences			1	0		0														
Urbana.....	University of Illinois	State.....	1908	214	32	712	82	3,674	1,413	68	120	544	210	3,674	1,413	68	120	544	210	3,674	1,413
	Arts and sciences			54	3	3	298	77													
	Chemical engineering			13	0		133	6													
	Civil engineering			24	0		106	4													
	Electrical engineering			4	0		238	10													
	Mechanical engineering			3	0		229	0													
	Mining engineering			4	0		19	0													
	Medical and sanitary engineering			3	0		71	0													
	Railway engineering			6	0		26	0													
	Ceramic engineering			0	0		133	0													
	Architectural engineering			103	6		523	33													
	Agriculture			26	0		18	2													
	Architecture			26	0		571	35													
	Commerce			0	14		0	392													
	Home economics			8	3		11	102													
	Music			11	6		10	43													
	Library school			17	0		40	6													
	Law			125	5		262	11													
	Medicine			46	5		187	10													
	Dentistry			86	11		423	10													
	Pharmacy			8	11		25	85													
	Short winter courses			16	6		1,857	0													
	Military drill																				
Whitestown.....	Whitestown College.....	Nonsect.	1880	2	5	11	10	98	130					98	130						4
	Preparatory			9	3		37	35													
	Arts and sciences			1	2		48	81													
	Special			1	1		10	29													
	Music			1	1		10	21													
	Summer school (1917)			2	3		10	16													
Indiana.....	Indiana University.....	State.....	1924	102	30	75	31	1,102	1,557					1,102	1,557						1
	Arts and sciences			61	6			743	1,463												
	Commerce			1	0			100	86												
	Education			15	0			57	0												
	Home economics			2	0			42	273												
	Fine arts			2	0			6	273												
	Music			2	0			2	90												
	Law			5	0			126	78												
	Medicine			66	7			43	6												
	Extension courses			7	2			216	6												
	Correspondence courses							(2,031)													
	Military drill							43	0												

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Total graduate degrees.		Honorary degrees.					
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.						
1	2	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
INDIANA—contd.																						
Covingtonville	Weabach College	Men.	Nonsect.	1832	25	0	25	0	210	0	217	0	22	0	22	0						
	Arts and sciences								1	0												
	Graduate								6	0												
	Special								6	0												
	Military drill								95	0	133	230	18	26	18	26						
Zarban	Earbham College	Coed.	Friends	1847	15	9	15	9	133	230	102	150	5	22	5	22						
	Arts and sciences								102	144												
	Franklin College	Coed.	Nonsect.	1834	11	6	11	6	19	48	124	153										
	Arts and sciences								19	48												
	Graduate								46	34												
	Summer school (1917)								50	75												
	Preparatory								8	0												
	Arts and sciences								0	0												
	Home economics								29	30												
	Music								25	110												
	Summer school (1917)								25	110												
Greencastle	De Pauw University	Coed.	M. E.	1837	30	17	30	17	289	446	289	447	30	57	30	59	0	1	1	0	0	9
	Arts and sciences								0	2												
	Graduate								10	1												
	Commerce								11	8												
	Journalism								29	156												
	Education								0	2												
	Home economics								38	237												
	Music								29	66												
	Summer school (1917)								29	66												
	Harover College	Coed.	Presb.	1827	12	4	12	4	92	133	92	132	14	16	14	16						
	Arts and sciences																					

Location	Institution/Program	1855	17	8	133	286	139	284	8	26	8	26	8	26	8	26	8	26
Indianapolis	Butler College	17	8	8	133	286	139	284	8	26	8	26	8	26	8	26	8	26
	Arts and sciences	17	8	8	133	286	139	284	8	26	8	26	8	26	8	26	8	26
	Graduate				3	0												
	Special				10	0												
	Summer school (1917)	11	0	0	20	60												
	Extension courses	5	0	0	3	238												
	Correspondence courses				3	0												
	Military drill				80	8												
Do.	Indiana Central University	1905	10	3											3	0		1
	Preparatory	4	2	2	21	7												
	Arts and sciences	6	2	2	10	10			3	0								
	Special	4	3	3	23	23												
Do.	Indiana Dental College	1879	33	0	0	0												
Do.	Dentistry	33	0	0	223	0			84	0								
Do.	Indiana College of Pharmacy	1904	8	0	0	0												
	Pharmacy	8	0	0	37	2			2	14								
Do.	Indiana Veterinary College	1892	18	0	0	0												
	Veterinary medicine	18	0	0	93	0			93	0								
Do.	Purdue University	1874	91	14	172	14			1,431	226					8	36		21
	Arts and sciences	91	14	14	57	209												
	Graduate				18	13												
	Special				10	0												
	Chemical engineering	1	0	0	180	0									16	0		
	Civil engineering	8	0	0	107	0									23	0		
	Electrical engineering	10	0	0	239	0									33	0		
	Mechanical engineering	10	0	0	254	0									30	0		
	Agriculture	49	0	0	472	0									72	0		
	Forestry	1	0	0	30	1									0	0		
	Pharmacy	3	0	0	29	3									0	0		
	Summer school (1917)	5	3	3	12	25									12	13		
	Short winter course	29	7	7	58	13									58	13		
	Military drill				962	0												
St. Mary's	Mary's College and Academy	1865	6	44	0	117			0	260					0	11		
	Preparatory	6	44	44	0	117												
	Arts and sciences	0	17	17	0	0												
	Commerce	0	2	2	0	23												
	Commercial	0	1	1	0	0												
	Journalism	0	0	0	0	5												
	Education	0	2	2	0	0												
	Home economics	0	0	0	0	9												
	Fine arts	0	2	2	0	43												
	Music	0	0	0	0	24												
	Summer school (1917)	0	14	14	0	153												
Do.	University of Notre Dame	1942	36	0	0	0			1,071	0					59	0		5
	Preparatory	60	0	0	0	0									20	0		0
	Arts and sciences	60	0	0	0	0									20	0		0
	Graduate				181	0												
	Special	19	0	0	12	0												
	Chemical engineering	19	0	0	10	0												
	Civil engineering	19	0	0	10	0									1	0		0
	Mechanical engineering	17	0	0	64	0									2	0		0
	Mechanical engineering	17	0	0	64	0									2	0		0

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For man, for woman, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
INDIANA—Contd.																					
Neer Dams.....	University of Notre Dame—Continued.																				
	Mining engineering.....					4	0	4	0	7	0	7	0								
	Commerce.....					16	0	16	0	65	0	65	0								
	Law.....					14	0	14	0	21	0	21	0								
	Journalism.....					10	0	10	0	127	0	127	0								
	Pharmacy.....					3	0	3	0	11	0	11	0								
	Short winter course.....					3	0	3	0	3	0	3	0								
St. Meinrad.....	St. Meinrad Seminary.....	Men.	R. C.	1857		12	0	12	0	114	0	114	0								
	Theology.....					9	0	9	0	75	0	75	0								
Terre Haute.....	Rice Polytechnic Institute.....	Men.	Nonsect.	1883																	
	Chemical engineering.....																				
	Civil engineering.....																				
	Electrical engineering.....																				
	Mechanical engineering.....																				
	Architectural engineering.....																				
	Military drill.....																				
Vincennes.....	Vincennes University.....	Coed.	Nonsect.	1868																	
	Preparatory.....					3	4	7	8	18	25	150	379								
	Agribusiness.....					1	8	9	16	28	45	0	0								
	Education.....					1	0	1	0	16	0	16	0								
	Education.....					6	9	15	15	90	6	90	6								
	Fine arts.....					0	1	1	0	0	0	0	0								
	Music.....					2	3	5	6	25	78	25	78								
	Summer school (1917).....					7	10	17	10	45	106	45	106								



	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	
Iowa State College of Agriculture and Mechanical Arts.....	27	201	59	11	228	70	357	99	1,841	633	225	101	10	6							
Preparatory.....							1,478	573													
Arts and sciences.....							86	19													
Graduate.....							3	0													
General engineering.....	1	0	0	0	0	0	53	0													
Chemical engineering.....	11	0	0	0	0	0	118	0													
Civil engineering.....	3	0	0	0	0	0	160	0													
Electrical engineering.....	16	0	0	0	0	0	101	0													
Mechanical engineering.....	2	0	0	0	0	0	6	0													
Mining engineering.....	2	0	0	0	0	0	43	0													
Agricultural engineering.....	1	0	0	0	0	0	5	0													
Architectural engineering.....	1	0	0	0	0	0	56	0													
Chemicals.....	60	5	0	0	0	0	700	0													
Agriculture.....	3	0	0	0	0	0	32	0													
Forestry.....	0	0	0	0	0	0	0	0													
Home economics.....	0	21	1	1	1	1	0	531													
Industrial sciences.....	1	1	1	1	1	1	34	52													
Veterinary medicine.....	67	22	0	0	0	0	43	42													
Veterinary school (1917).....	13	0	0	0	0	0	114	0													
Summer school (1917).....	207	379	0	0	0	0	207	379													
Short winter course.....	67	19	0	0	0	0	2,065	579													
Correspondence courses.....	11	0	0	0	0	0	11	0													
Military drill.....	1,841	0	0	0	0	0	1,841	0													
Iowa State Teachers College									233	1,488	16	45									
Preparatory.....	4	11	0	0	0	0	73	427													
Arts and sciences.....	40	46	0	0	0	0	143	984													
Special.....	3	3	0	0	0	0	17	97													
Summer school (1917).....	17	0	0	0	0	0	176	2,216													
Extension courses.....	19	5	0	0	0	0	26	336													
Military drill.....	233	0	0	0	0	0	233	0													
Coe College.....									232	539	9	32									
Preparatory.....	1	3	0	0	0	0	6	7													
Arts and sciences.....	19	13	0	0	0	0	156	280													
Graduate.....	2	2	0	0	0	0	2	2													
Special.....	5	5	0	0	0	0	5	47													
Misc.....	6	8	0	0	0	0	76	310													
Summer school (1917).....	10	9	0	0	0	0	13	107													
Military drill.....	7	0	0	0	0	0	125	0													
Warburg College.....									79	0											
Preparatory.....	7	0	0	0	0	0	51	0													
Arts and sciences.....	7	0	0	0	0	0	28	0													
Luther College.....									140	0											
Preparatory.....	11	0	0	0	0	0	31	0													
Arts and sciences.....	13	0	0	0	0	0	79	0													
Military drill.....	13	0	0	0	0	0	80	0													

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or coeducational.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.	
				Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
Iowa—continued.																					
Des Moines.	Des Moines College.	Coed.	1865	4	5	5	5	100	201	100	204	5	17	5	17						
	Arts and sciences.			2	0	0	0	5	24												
	Preparatory.			4	5	5	5	10	2												
	Summer school (1917).			4	5	5	5	50	175												
	Extended courses.			4	2	2	2	10	19												
	Military drill.			4	2	2	2	10	19												
Do.	Drake University.	Coed.	1861	7	0	0	0	32	0	332	849	23	49	23	49	2	0	2	0		
	Preparatory.			19	8	8	8	164	237			20	49	20	49	2	0	2	0		
	Arts and sciences.			6	16	16	16	54	418												
	Graduate.			7	9	9	9	9	435												
	Special.			0	3	3	3	0	35			1	0	1	0						
	Education.			0	1	1	1	56	7												
	Home economics.			7	0	0	0	61	2			4	0	4	0						
	Theology.			7	0	0	0	31	307												
	Law.			20	2	2	2	393	0			22	0	22	0	3	0	3	0		1
DeBoque.	DuBoque College.	Men.	1873	15	0	0	0	190	0												
	Preparatory.			19	7	7	7	190	0												
	Arts and sciences.			19	7	7	7	190	0												
	Graduate.			19	7	7	7	190	0												
	Summer school (1917).			19	7	7	7	190	0												
	Military drill.			19	7	7	7	190	0												
Do.	DuBoque College and Seminary.	Coed.		12	3	3	3	97	27	214	33										
	Preparatory.			16	4	4	4	97	13												
	Arts and sciences.			9	1	1	1	20	0												
	Theology.			0	6	6	6	0	71			0	6	0	6						
Do.	Mount St. Joseph College.	Women. R. C.		0	12	12	12	0	103			0	6	0	6						
	Preparatory.			0	3	3	3	0	103			0	6	0	6						
	Arts and sciences.			0	3	3	3	0	103			0	6	0	6						
	Special.			0	3	3	3	0	103			0	6	0	6						



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Professors and instructors.				Students.				Total students.				First degree.		Total first degree.		Graduate degree.		Total graduate degree.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.			
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				
Iowa—continued.																									
Mount Pleasant	Iowa Wesleyan College.	Coed	M. E.	1842	3	3	14	13	26	26	131	199													
	Preparatory				9	6			98	103				11	13										
	Arts and sciences				0	0			6	11															
	Special				0	1			1	11															
	Commerce				2	2			17	12				0	2										
	Fine arts				7	5			14	73															
	Music								103	0															
	Summer school (1917)																								
	Military drill																								
	Coed																								
Mount Vernon	Cornell College.	Coed	M. E.	1853	0	2	24	19	27	34	251	363													
	Preparatory				22	13			219	312				35	42										
	Arts and sciences				2	4			5	19															
	Special				11	11			27	215															
	Summer school (1917)																								
	Military drill																								
	Coed																								
Osage	Cedar Valley Junior College.	Coed	Bapt.		2	5	0	12	18	27	80	146													
	Preparatory				4	12			22	36															
	Arts and sciences				1	1			10	63															
	Special				1	0			24	51															
	Agriculture				0	1			0	23															
	Education				0	1			0	10															
	Commerce				0	1			0	10															
	Business economics				0	1			0	10															
	Fine arts				0	1			0	10															
	Music				0	1			0	10															
	Summer school (1917)				4	5			7	30															
	Coed				3	7	12	13	19	51	227	319													
Calhoun	Penn College.	Coed	Friends	1873	3	7			49	79				14	16										
	Preparatory																								
	Arts and sciences																								



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.				
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.					
KANSAS—continued.	Kansas City University Preparatory Arts and sciences Journalism Music University of Kansas Arts and sciences Graduate Special Engineering Education Fine arts Law Medicine Pharmacy Summer school (1917) Extension courses Correspondence courses Military drill Bethany College Preparatory Arts and sciences Graduate Special McPherson College Preparatory Arts and sciences Graduate Special	Coed	U. B.	1886	0	4	7	12	38	25	63	0	3	0	3					1			
					6	1	7	12	22	14	36	0	3										
					1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					10	42	150	53	790	815	1,605	1,018	87	147	234	161	155	389	23	23			
					101	10	110	10	42	45	171	213	171	213	389	29	0	2	0				
					47	1	48	1	111	1	111	1	111	1	112	0	8	0					
					20	11	31	11	22	23	44	34	44	34	78	19	0	0					
					48	2	50	2	48	2	50	2	48	2	50	8	0						
					72	1	73	1	72	1	73	1	72	1	73	0	0						
					47	15	62	15	47	15	62	15	47	15	62	0	0						
Lawrence	University of Kansas Arts and sciences Graduate Special	Coed	U. B.	1866	110	42	150	53	790	815	1,605	1,018	87	147	234	161	155	389	23	23			
					101	10	110	10	42	45	171	213	171	213	389	29	0	2	0				
					47	1	48	1	111	1	111	1	112	0	8	0							
Lindsberg	Bethany College Preparatory Arts and sciences Graduate Special	Coed	Luth.	1881	1	4	5	9	1	4	5	9	1	4	5	9	1	4	5	9			
					10	2	12	2	39	42	81	1	0										
					14	7	21	7	122	234	356	16	8										
McPherson	Preparatory Arts and sciences Graduate Special	Coed	Breth.	1880	8	6	14	12	53	69	122	16	8	24	16	8	32	24	16	8	2		
					11	5	16	5	60	52	112	2	1										
					3	3	6	3	42	97	139	3	3										

City	Institution	Year	Coed	State	1903	4	2	1	131	36	31	20	11	57	1,072	794	105	53	4	2	11
Manhattan	Summer school (1917)																				
	Short winter course																				
	Conference courses																				
	Kansas State Agricultural College																				
	Preparatory																				
	Arts and sciences																				
	Graduate																				
	Speech																				
	General engineering																				
	Civil engineering																				
	Electrical engineering																				
	Mechanical engineering																				
	Agricultural engineering																				
	Four-mill engineering																				
	Agriculture																				
Archaeology																					
Journalism																					
Home economics																					
Music																					
Veterinary medicine																					
Summer school (1917)																					
Short winter course																					
Extension courses																					
Correspondence courses																					
Military drill																					
Ottawa University		1915	Coed	Bapt.					14	9	29	46		110	214	7	21				1
Preparatory																					
Arts and sciences																					
Music																					
St. Mary's College		1848	Men	R. C.					29	0	24	104		426	0	5	0				
Preparatory																					
Arts and sciences																					
Music																					
Military drill																					
Kansas Wesleyan University		1896	Coed	Meth.					15	13	16			133	211		9	17			3
Preparatory																					
Arts and sciences																					
Oratory																					
Fine arts																					
Music																					
Cooper College		1886	Coed	U. P.					8		2			34	107		8	13			
Preparatory																					
Arts and sciences																					
Special																					
Fine arts																					
Music																					
Washburn College		1865	Coed	Nomsect.					20	16	11			229	402		12	37			1
Preparatory																					
Arts and sciences																					
Special																					
Law																					
Summer school (1917)																					

8

3

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degree.		Total graduate degrees.		Honorary degrees.							
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
KANSAS—contd.																						
Wichita.....	Fairmount College.....	Coed.....	Cong.....	1885.....	14	7	14	7	105	185	105	410	10	22	10	22						2
	Arts and sciences.....								0	245												
	Music.....								0	120												
	Summer school (1917).....								0	97												
	Extension courses.....																					
Do.....	Friends University.....	Coed.....	Friends.....	1898.....	8	6	14	18	21	22	108	148										
	Preparatory.....								71	56												
	Arts and sciences.....								16	70												
	Special.....								121	137												
Winfield.....	Southwestern College.....	Coed.....	M. E.....	1886.....	7	5	10	10	28	43	127	173	14	14	15	14						
	Arts and sciences.....								3	5												
	Special.....								2	2												
	Music.....								1	6												
KENTUCKY.																						
Berea.....	Berea College.....	Coed.....	Nonsect.....	1855.....	15	40	28	18	441	358	699	601	6	10	6	10						4
	Preparatory.....								38	66												
	Arts and sciences.....								198	111												
	Special.....								3	0												
	Education.....								26	11												
	Summer school (1917).....								85	0												
Bowling Green.....	Oregon College.....	Men.....	Nonsect.....	1877.....	4	0	8	0	85	0	140	0										
	Preparatory.....								4	0												
	Arts and sciences.....								36	0												
	Central University.....	Men.....	Presb.....	1819.....	14	2	14	2	121	0	121	0	11	0	11	0						
	Kentucky College for women.....	Women.....							1	9												
Do.....	Preparatory.....								0	120												
	Arts and sciences.....								0	50												
	Home economics.....								0	12												



Location	Name of Institution	Coed.	Religion	Year	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Georgetown	Fin Arts				0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Music				0	4	15	10	10	46	144	170	11	18	11	18	11	18									
Lexington	Georgetown College	Coed	Bapt	1829	15	10	10	10	10	131	132	11	18	11	18	11	18										
	Arts and sciences	Coed	Nonsect	1798	14	12	14	12	12	126	127	141	8	5	8	5	8	5									
Do	Arts and sciences				10	2	1	2	2	1	2	2	2	2	2	2	2										
	Graduate				93	0	0	0	0	485	214	7	22	63	28	7	22										
	Military drill				84	16	7	7	7	102	147																
	University of Kentucky	Coed	St. J.	1831	40	7	7	7	7	12	6																
	Arts and sciences				3	0	0	0	0	20	20	3	0	0	0	0	0	0									
	Graduate				12	3	3	3	3	45	0																
	Special				137	0	0	0	0	19	0																
	Civil engineering				3	0	0	0	0	107	87	20	0	20	0	20	0	0									
Do	Electrical and mechanical engineering				19	1	1	1	5	2																	
	Mining engineering				7	0	0	0	0	53	2																
	Agriculture				27	52	2	2	2	27	52																
	Home economics				48	9				48	9																
	Summer school (1917)				272	0				272	0																
	Short winter course				50	2				50	2																
	Military drill				8	0	7	0	0	13	1	13	1	13	0												
	Pharmacy				59	0				59	0																
Keokuk	Louisville College of Pharmacy	Coed	Nonsect	1871	8	0	8	0	0	50	2																
	Presbyterian Theological Seminary of Ken.	Men	Presb.	1863	7	0	7	0	0	50	0																
Do	Theology				7	0	7	0	0	59	0																
	Southern Baptist Theological Seminary	Coed	Bapt	1859	13	0	13	0	0	292	91	80	0	36	0	4	0	4	0	4	0						
Do	Theology				8	0	8	0	0	95	12	287	214	8	22	29	23										
	Correspondence courses				26	6	144	6	6	123	173																
Do	University of Louisville	Coed	Ch. Y.	1837	11	0	11	0	0	103	6																
	Arts and sciences				7	0	7	0	0	4	17																
Russellville	Graduate				1	1	1	1	1	1																	
	Law				13	2	13	2	2	82																	
St. Mary's	Medicine				111	0	111	0	0	103	0																
	Bethel College	Men	Bapt	1849	5	0	13	0	0	80	0	114	0	2	0	2	0										
St. Mary's	Preparatory				8	0	8	0	0	30	0																
	Arts and sciences				10	0	10	0	0	4	0																
St. Mary's	St. Mary's College	Men	R. C.	1921	8	0	8	0	0	90	0																
	Preparatory				6	0	6	0	0	25	0																
Winchester	Arts and sciences				5	0	5	0	0	10	0																
	Graduate				4	0	4	0	0	45	0																
Winchester	Special				2	0	2	0	0	12	0																
	Music				2	3	2	3	4	70	60	140	90	2	2	2	2										
Winchester	Musical Wesleyan College	Coed	Method	1866	6	2	6	2	2	70	30																
	Arts and sciences				2	0	2	0	0	70	30																
Winchester	Military drill				120	0																					

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Total graduate degrees.		Honorary degrees.					
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.								
LOUISIANA.																						
Baton Rouge.....	Louisiana State University and Agricultural and Mechanical College.	Coed.....	State.....	1880	4	4	23	47	19	10	11	12	15	14	15	16	17	18	19	20	21	22
	Preparatory.....				57	0	166	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences.....				0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Graduate.....				0	0	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chemical engineering.....				0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Civil engineering.....				0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Electrical engineering.....				0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mechanical engineering.....				0	0	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sugar engineering.....				0	0	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Agriculture.....				0	0	7	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Education.....				4	0	255	382	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Law.....				0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Summer school (1917).....				0	0	386	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Short winter course.....				0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Military drill.....				1	1	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Manfield Female College.....	Women.	M. F. So.	1884	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Preparatory.....				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences.....				1	1	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Music.....				0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Education.....				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Orleans.....	H. Stimpie Norcross Memorial College.	Women.	Nonsect.	1887	14	45	0	165	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences.....				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Architecture.....				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Commerce.....				2	1	0	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Education.....				0	0	0	169	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Home economics.....				0	0	0	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fine arts.....				2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Music.....				3	1	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Loyola University.....	Men.	R. C.	1904	8	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences.....				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Course	Men	Nonsect.	1884	4	5	3	102	73	127	3	2	5	1
Commerce				4	3		102						
Law				16	0		54						
Dentistry				29	0		40						
Pharmacy				7	0		40						
Tulane University of Louisiana	Men	Nonsect.	1884			268	9	1,277	39				
Arts and sciences				33	0		185	0	10	0			
Graduate				33	4		8	15			2	5	
Chemical engineering							25	0					
Civil engineering							37	0					
Electrical and mechanical engineering							59	0			2	0	
Architecture							10	0					
Commerce				2	0		316	0					
Journalism				1	0		6	0					
Law				15	0		53	3					
Medicine				179	3		510	17					
Dentistry				46	2		62	1					
Pharmacy				25	0		30	6					
Summer school (1917)				18	18		107	731					
Extension courses				18	11		7	81					
Military drill							238	0					
Louisiana College	Coed.	Bapt.				8	3	200	75				
Preparatory				1	1		60	45					
Arts and sciences				7	1		140	30					
Home economics				0	1		0	20					
Fine arts				0	1		0	12					
Music				1	1		0	48					
Military drill							150	0					
Bowdoin College	Men	Nonsect.	1902			71	0	418	0				6
Arts and sciences				21	0		374	0					
Medicine				50	0		44	0					
Military drill							300	0					
Basel College	Coed.	Nonsect.	1883			26	4	272	214				4
Arts and sciences				20	4		272	214					
University of Maine	Coed.	State	1868			90	5	643	238				3
Arts and sciences				63	2		100	136					1
Graduate							4	5					
General engineering							16	0					
Chemical engineering							94	0					1
Civil engineering							54	0					0
Electrical engineering							82	0					2
Mechanical engineering							76	0					0
Agriculture				19	3		99	0					0
Home economics				0	3		0	92					17
Law				6	0		34	0					14
Summer school (1917)							60	0					0
Military drill							42	80					0
Arts and sciences	Coed.	Nonsect.	1881			24	2	227	162				
Special				24	2		207	153					

1 Junior college.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Total graduate degrees.		Honorary degrees.					
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
MARYLAND.	St. John's College	Men	Nonsect.	1789	14	0	14	0	210	0	211	0	25	0	25	0	4	0	4	0	8	
	Arts and sciences																					
	Military drill																					
	United States Naval Academy	Men.	Nat'l.	1845	197	0	197	0	210	0	210	0	0	0	0	0	4	0	4	0	0	
	Arts and sciences																					
	Military drill																					
	Baltimore College of Dental Surgery	Men.	Nonsect.	1839	67	0	67	0	137	0	137	0	0	0	0	0	0	0	0	0	0	
	Dentistry																					
	Georgetown College	Women.	M. E.	1888	23	31	23	31	0	123	0	123	0	75	0	75	0	0	0	0	0	0
	Arts and sciences																					
	Johns Hopkins University	Coed	Nonsect.	1876	50	0	291	19	0	712	0	1,384	432	0	100	157	11	0	0	0	0	0
	Arts and sciences																					
	Graduate																					
	Engineering																					
	Education																					
Medicine																						
Business economics																						
Technical workers																						
Summer school (1917)																						
Mount St. Joseph's College	Coed	Nonsect.	1872	12	13	16	16	0	248	0	113	156	4	0	4	0	0	0	0	0	0	
Preparatory																						
Arts and sciences																						
Special																						
Education																						
Summer school (1917)																						
Mount St. Joseph's College	Men.	R. C.	1876	12	0	15	0	4	185	0	190	0	6	0	6	0	0	0	0	0	0	
Preparatory																						
Arts and sciences																						

Locality	Institution	Year	R. C.	Men	Coed	Women	1791	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	
Do.	St. Mary's Seminary	1791	R. C.	Men			15	0	13	0	360	0	330	0	4	0	4	0	4	0	390	0	4	0	4	0	4	0	
Do.	University of Maryland, Dental Department	1882	Nonsect.	Coed			26	0	26	0	212	3	212	3	79	3	79	3	79	3	212	3	79	3	79	3	79	3	
Chesertown.	Washington College	1725	Nonsect.	Coed			6	0	11	0	24	0	92	13	19	5	19	5	19	5	92	13	19	5	19	5	19	5	
College Park.	Maryland State College of Agriculture	1859	State	Coed			6	0	42	0	13	1	201	5	14	0	14	0	14	0	201	5	14	0	14	0	14	0	
	Preparatory						7	0			20	0																	
	Arts and sciences						4	0			12	1																	
	Civil engineering						3	0			16	0																	
	Mechanical engineering						4	0			18	0																	
	Agriculture						17	0			89	3																	
	Education						30	5			19	13																	
	Summer school (1917)						39	7			37	123																	
Elkton City.	Rock Hill College	1857	R. C.	Men			5	0	10	0	50	0	69	0	5	0	5	0	5	0	69	0	5	0	5	0	5	0	
	Preparatory						4	0			17	0																	
	Arts and sciences						1	0			0	0																	
	Commerce										0	0																	
Exonakaburg.	Mount St. Mary's College	1908	R. C.	Men			24	0	42	0	371	0	370	0	18	0	18	0	18	0	370	0	18	0	18	0	18	0	
	Preparatory						10	0			146	0																	
	Arts and sciences										55	0																	
	Theology										151	0																	
Fredrick.	Hood College	1883	Reformed	Women			5	11	6	19	0	172	0	0	284	0	21	0	21	0	0	284	0	21	0	21	0	21	0
	Arts and sciences						1	8			0	112																	
	Special						1	0			0	44																	
	Education						0	3			0	58																	
	Home economics						0	4			0	85																	
	Music						1	4			0	105																	
Lutherville.	Maryland College for Women	1863	Nonsect.	Women			0	2	1	24	0	100	0	0	125	0	10	0	10	0	0	125	0	10	0	10	0	10	0
	Preparatory						1	22			0	100																	
	Arts and sciences										0	10																	
	Special										0	20																	
	Home economics										0	15																	
	Music										0	15																	
New Windsor.	Blue Ridge College		Breth.	Coed			4	5	11	7	16	20	70	72	0	1	4	1	4	1	70	72	0	1	4	1	4	1	
	Preparatory						7	2			23	19																	
	Arts and sciences										5	0																	
	Agriculture										19	10																	
	Fine arts						0	1			19	10																	
	Music						2	2			44	23																	

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degree.		Total first degree.		Graduate degrees.		Total graduate degrees.		Honorary degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MARYLAND—contd.																						
Westminster	Western Maryland College.....	Coed	M. P.	1867	3	2	13	9	50	25	85	114	12	15	12	15						
Do.	Preparatory.....				10	7	85	68	85	68	38	0	1	0	1	0						
Do.	Westminster Theological Seminary.....	Men	M. P.	1882	5	1	5	1	38	0	38	0	1	0	1	0						
MASSACHUSETTS.																						
Amherst	Amherst College.....	Men	Nonssect.	1821	47	0	47	0	366	0	366	0	64	0	64	0						7
Do.	Arts and sciences.....				3	0	3	0	3	0	3	0										
Do.	Military drill.....				243	0	243	0	243	0	470	33	50	4	50	4						1
Do.	Massachusetts Agricultural College.....	Coed	State	1907	72	2	72	2	398	24	470	33	50	4	50	4						0
	Agriculture.....				28	8	28	8	28	8	28	8										
	Graduate.....				12	78	12	78	12	78	12	78										
	Special.....				26	0	26	0	84	6	90	6										
	Summer school (1917).....				202	13	202	13	585	242	867	215										
	Extension courses.....				262	0	262	0	262	0	262	0										
	Correspondence courses.....																					
	Military drill.....				39	3	39	3	108	382	1,440	1,215	30	0	30	0	203	20	18	11		
Boston	Boston University.....	Coed	M. E.	1873					108	382	1,440	1,215	30	0	30	0	203	20	18	11		
	Arts and sciences.....								108	382	1,440	1,215	30	0	30	0	203	20	18	11		
	Graduate.....								108	382	1,440	1,215	30	0	30	0	203	20	18	11		
	Special.....								108	382	1,440	1,215	30	0	30	0	203	20	18	11		
	Commerce.....								679	417	1,096	516	36	5	36	5						
	Education.....								608	161	769	101	0	0	0	0						
	Theology.....								13	167	180	48	2	48	2							
	Law.....								57	6	63	6	6	6								
	Medicine.....								309	18	327	18	6	6								
	Summer school (1917).....								70	6	76	6	13	2	13	2						
									21	6	27	6										

		1967	1967	12	12	0	187	24	167	24	23	23	1	23	1	8	1	8	1
Do.	Massachusetts College of Pharmacy	Nonsect.	Coed.	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Pharmacy	Nonsect.	Women	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Portia School of Law	Nonsect.	Men	14	0	0	0	0	190	0	0	0	0	0	0	0	0	0	0
Do.	St. John's Ecclesiastical Seminary	R. C.	Men	30	90	0	0	0	0	1,073	0	0	0	0	0	0	0	0	0
Do.	Theology	Nonsect.	Women	10	17	0	0	0	0	1,300	0	0	0	0	0	0	0	0	0
Do.	Simmons College	Nonsect.	Men	8	15	13	0	155	446	0	37	0	0	0	0	0	0	0	0
Do.	Arts and sciences	Nonsect.	Men	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Summer school (1917)	Nonsect.	Men	6	0	0	0	0	11	0	1	0	0	0	0	0	0	0	0
Do.	Extension courses	Nonsect.	Men	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Subdiv. Law School	Nonsect.	Men	6	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0
Do.	Law	Nonsect.	Men	6	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0
Do.	Andrew Theological Seminary	Nonsect.	Men	270	0	0	0	0	1,461	0	348	0	0	0	0	0	0	0	0
Do.	Theology	Nonsect.	Men	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Episcopal Theological School	F. E.	Men	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	351	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	296	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	386	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	211	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	461	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Harvard University	Nonsect.	Men	1,359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	231	2	2	3	184	1,015	19	20	2	24	2	2	21	0	21	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	219	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	264	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	43	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	67	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	1,300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Massachusetts Institute of Technology	Nonsect.	Coed.	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	New Church Theological School	Swed. l.	Coed.	5	1	1	5	1	0	0	0	0	0	0	0	0	0	0	0
Do.	New Church Theological School	Swed. l.	Coed.	5	1	1	5	1	0	0	0	0	0	0	0	0	0	0	0
Do.	New Church Theological School	Swed. l.	Coed.	138	0	0	138	0	0	0	0	0	0	0	0	0	0	0	0
Do.	New Church Theological School	Swed. l.	Coed.	138	0	0	138	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Radcliffe College	Nonsect.	Women	138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Radcliffe College	Nonsect.	Women	138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Radcliffe College	Nonsect.	Women	486	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Radcliffe College	Nonsect.	Women	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Radcliffe College	Nonsect.	Women	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do.	Radcliffe College	Nonsect.	Women	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

50873° 21—50

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18.—Continued.

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Total graduate degrees.		Honorary degrees.					
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
MASSACHUSETTS—continued.																						
Charlton Hill.	Boston College.	Men.	R. C.	1864	25	0	53	0	1,233	0	1,860	0	78	0	78	0						
	Preparatory.				28	0	0	0	625	0	0	0	78	0	78	0						
	Arts and sciences.				0	0	0	0	500	0	0	0	0	0	0	0						
	Military drill.	Coed.	Nonsect.		0	0	21	0	0	0	120	2	2	0	6	0						
	Lowell Textile School.				0	0	0	0	0	0	0	0	0	0	0	0						
	Textile engineering.				10	0	0	0	51	1	0	0	4	0	4	0						
	Chemistry and textile coloring.				9	0	0	0	20	0	0	0	0	0	0	0						
	Manufacturing courses.	Coed.	Bapt.	1825	5	0	0	0	18	2	58	2	0	0	0	0						
Newton Center.	Newton Theological Institution.	Women.	Nonsect.	1875	58	123	58	123	0	2,103	0	2,103	0	390	0	390	0	0	0	0	0	
	Summer school (1817).				6	23	6	23	0	181	0	181	0	37	0	37	0	0	0	0	0	
Northampton.	Smith College.	Women.	Nonsect.	1875	12	75	12	75	0	811	0	811	0	190	0	190	0	0	0	0	0	
	Arts and sciences.				18	1	18	1	40	0	40	0	29	19	29	19	1	1	1	1	1	
	Wheaton College.	Women.	Nonsect.	1831	6	23	6	23	0	181	0	181	0	37	0	37	0	0	0	0	0	
	Arts and sciences.				12	75	12	75	0	811	0	811	0	190	0	190	0	0	0	0	0	
	Special.				18	1	18	1	40	0	40	0	29	19	29	19	1	1	1	1	1	
South Hadley.	Mount Holyoke College.	Women.	Nonsect.	1837	12	75	12	75	0	811	0	811	0	190	0	190	0	0	0	0	0	
	Arts and sciences.				18	1	18	1	40	0	40	0	29	19	29	19	1	1	1	1	1	
	Graduate.				12	0	12	0	15	0	15	0	7	0	7	0	0	0	0	0	0	
	Special.				24	0	24	0	15	0	15	0	7	0	7	0	0	0	0	0	0	
	General engineering.				11	0	11	0	11	0	11	0	6	0	6	0	0	0	0	0	0	
	Chemical engineering.				11	0	11	0	11	0	11	0	6	0	6	0	0	0	0	0	0	
	Electrical engineering.				1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	
	Trufts College.	Coed.	Nonsect.	1854	18	1	19	1	147	0	147	0	0	0	0	0	0	0	0	0	0	
	Preparatory.				12	0	12	0	15	0	15	0	7	0	7	0	0	0	0	0	0	
	Arts and sciences.				11	0	11	0	11	0	11	0	6	0	6	0	0	0	0	0	0	
	Graduate.				1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	
	Special.				24	0	24	0	15	0	15	0	7	0	7	0	0	0	0	0	0	
	General engineering.				11	0	11	0	11	0	11	0	6	0	6	0	0	0	0	0	0	
	Chemical engineering.				11	0	11	0	11	0	11	0	6	0	6	0	0	0	0	0	0	
	Electrical engineering.				1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	



College	Year	Men	Women	Total	Arts and sciences	Engineering	Business	Education	Law	Medicine	Theology	Other
Wellesley	1875	17	107	124	107	17	0	0	0	0	0	0
Williamstown	1793	43	0	43	43	0	0	0	0	0	0	0
Worcester	1892	23	0	23	23	0	0	0	0	0	0	0
Do.	1849	27	0	27	27	0	0	0	0	0	0	0
Do.	1843	34	0	34	34	0	0	0	0	0	0	0
Do.	1848	38	0	38	38	0	0	0	0	0	0	0
Adrian	1839	13	10	23	23	0	0	0	0	0	0	0
Albion	1861	19	8	27	27	0	0	0	0	0	0	0
Ann Arbor	1847	15	6	21	21	0	0	0	0	0	0	0
Ann Arbor	1811	221	4	225	225	0	0	0	0	0	0	0
Ann Arbor	1859	13	10	23	23	0	0	0	0	0	0	0
Ann Arbor	1861	19	8	27	27	0	0	0	0	0	0	0
Ann Arbor	1847	15	6	21	21	0	0	0	0	0	0	0
Ann Arbor	1811	221	4	225	225	0	0	0	0	0	0	0
Ann Arbor	1859	13	10	23	23	0	0	0	0	0	0	0
Ann Arbor	1861	19	8	27	27	0	0	0	0	0	0	0
Ann Arbor	1847	15	6	21	21	0	0	0	0	0	0	0
Ann Arbor	1811	221	4	225	225	0	0	0	0	0	0	0

TABLE 27. — Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and administrative officers.		Total professors and instructional.		Students.		Total students.		First degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.		
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.		Men.	Women.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
MICHIGAN—Contd.																					
Ann Arbor.....	University of Michigan—Continued.								405	44											
	Education.....								63	47											
	Journalism.....								57	402											
	Law.....								84	214											
	Music.....								33	118											
	Philosophy.....								184	7											
	Science.....								356	26											
	Teaching.....								347	16											
	Library.....								19	0											
	Pharmacy.....								37	0											
	Summer school (1917). Military drill.....								196	5											
	Law.....								1,040	498											
Detroit.....	Detroit College of Law.....		Y. M. C. A.						1,700	0											
	Law.....								216	12											
Do.....	Detroit College of Medicine and Surgery.....		Nonsect.						184	2											
Do.....	Medicine.....								184	2											
Do.....	Detroit Junior College.....		City.						182	104											
Do.....	University of Detroit.....		R. C.						182	104											
	Preparatory.....								646	14											
	Arts and sciences.....								362	0											
	Special.....								65	0											
	Chemical engineering.....								8	0											
	Civil engineering.....								11	0											
	Electrical engineering.....								11	0											
	Mechanical engineering.....								23	0											
	Commerce.....								168	2											
	Law.....								127	12											

Location	Institution	Coed	State	1857	1867	1877	1887	1897	1907	1917	1927	1937	1947	1957	1967	1977	1987	1997	2007			
East Lansing	Michigan Agricultural College		State																			
	Graduate																					
	General engineering																					
	Chemical engineering																					
	Civil engineering																					
	Electrical engineering																					
	Mechanical engineering																					
	Agriculture																					
	Forestry																					
	Home economics																					
	Veterinary medicine																					
	Summer school (1917)																					
	Short winter course																					
	Military drill																					
	Grand Rapids	Grand Rapids Junior College	Coed	City																		
Arts and sciences																						
Hillsdale College		Coed	Nonsect.																			
Arts and sciences																						
Special																						
Commerce																						
Home economics																						
Music																						
Military drill																						
Hope College		Coed	Ref.																			
Preparatory																						
Arts and sciences																						
Music																						
Western Theological Seminary		Men	Ref.																			
Theology																						
Houghton	Michigan College of Mines	Men	State																			
	Mining engineering																					
	Kalamazoo College	Coed	Bapt.																			
	Arts and sciences																					
	Special																					
	Education																					
	Olivet College	Coed	Nonsect.																			
	Arts and sciences																					
	Graduate																					
	Special																					
	St. John's University	Preparatory	Men	R. C.																		
		Arts and sciences																				
		Special																				
		Theology																				
		Seabury University School	Men	P. E.																		
Theology																						
Hibbing Junior College		Coed	City																			
Arts and sciences																						

TABLE 27.—Universities, colleges and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degree.		Total first degree.		Graduate degree.		Total graduate degree.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
MINNESOTA—CON.	Minneapolis.	Men.	Luth.	1889	15	0	64	0	116	0	14	0	13	0	21	0	0	0	
					10	0	25	0	35	0	8	0	43	0	13	0	21	0	
Do.	University of Minnesota.	Coed.	State.	1889	4	536	78	3,722	2,331	305	285	86	181	38	21	0	0	0	
					71	35	813	355	1,168	2,211	106	2	2	0	0	0	0	0	0
	Augsburg Seminary.				15	0	64	0	79	0	14	0	13	0	0	0	0	0	
	Preparatory.				10	0	25	0	35	0	8	0	43	0	13	0	21	0	
	Arts and sciences.				4	0	27	0	31	0	6	0	33	0	10	0	11	0	
	Theology.				1	0	1	0	1	0	0	0	0	0	0	0	0	0	
	University of Minnesota.				71	35	813	355	1,168	2,211	106	2	2	0	0	0	0	0	
	Preparatory.				120	12	934	1,381	2,326	1,067	168	2	2	0	0	0	0	0	
	Graduate.				23	0	168	2	191	2	2	0	2	0	0	0	0	0	
	General engineering.				17	1	97	0	114	1	0	0	0	0	0	0	0	0	
	Chemical engineering.				4	0	70	0	74	0	0	0	0	0	0	0	0	0	
	Civil engineering.				0	0	12	0	12	0	0	0	0	0	0	0	0	0	
	Electrical engineering.				7	0	51	0	58	0	0	0	0	0	0	0	0	0	
	Mechanical engineering.				11	0	71	0	82	0	0	0	0	0	0	0	0	0	
	Mining engineering.				64	0	233	2	297	2	0	0	0	0	0	0	0	0	
	Agriculture.				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Forestry.				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Education.				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Home economics.				1	1	39	160	190	161	0	0	0	0	0	0	0	0	
	Law.				11	0	142	2	153	2	0	0	0	0	0	0	0	0	
	Medicine.				128	2	283	13	291	15	18	0	0	0	0	0	0	0	
	Dentistry.				0	0	33	4	37	4	0	0	0	0	0	0	0	0	
	Pharmacy.				0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Summer school (1917).				0	0	59	18	77	18	0	0	0	0	0	0	0	0	
	Short winter course.				0	0	103	419	522	419	0	0	0	0	0	0	0	0	
	Extension courses.				11	0	1,710	1,434	3,144	1,434	0	0	0	0	0	0	0	0	
	Military drill.				0	0	1,196	1,038	2,234	1,038	0	0	0	0	0	0	0	0	

	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930													
Northfield																																																									
Do.																																																									
Rochester																																																									
St. Paul																																																									
Do.																																																									
St. Peter																																																									
Winona																																																									

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—(Continued).

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total first degrees.		Graduate degrees.		Total graduate degrees.									
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
MISSISSIPPI.	Mississippi Agricultural and Mechanical College.	Coed.	State.	1880	24	0	83	0	74	0	976	0	12	0	61	0	1	0	1	0		
	Special.				24	0			74	0			12	0			1	0				
	General engineering.				24	0			139	0			4	0								
	Civil engineering.				11	0			20	0			11	0								
	Electrical engineering.				10	0			59	0			4	0								
	Mechanical engineering.				13	0			11	0			4	0								
	Agriculture.				33	0			443	0			29	0								
	Commerce.				14	0			74	0			3	0								
	Education.				16	0			42	0			3	0								
	Summer school (1917).				92	0			154	0			1	0								
	Short winter course.				8	0			37	0												
	Correspondence course.				8	0			80	0												
	Military drill.				1	0			21	0												
	Whitney Female College.	Women.	M. E. So.	1859	1	15	1	15	0	31	0	0	248	0	0	9	0	0	0	0		
Brookhaven.	Preparatory.	Women.	M. E. So.		1	15			0	36												
	Arts and sciences.				1	15			0	141			0	9								
	Special.								0	18												
	Home economics.								0	46												
	Fine arts.								0	171												
	Music.								0	171												
Columbus.	Mississippi Industrial Institute and College.	Women.	State.	1985	6	90	6	90	0	707	0	933	0	121	0	121	0	0	0	0	8	8
	Arts and sciences.								0	226												
	Special.								0	49												
	Greensboro College.	Women.	M. E. So.	1852	0	3	1	9	0	49	0	140	0	8	0	8	0	0	0	0	59	59
	Preparatory.				1	6			0	59												
	Arts and sciences.								0	59												

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

798-07

College	Year	Sex	Arts and sciences	Education	Home economics	Music	Summer school	Military drill	Other	Total	Arts and sciences	Education	Home economics	Music	Summer school	Military drill	Other	Total
Holly Springs	1883	Women	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holly Springs	1872	Coed	0	5	0	10	0	0	0	15	0	0	0	0	0	0	0	15
Jackson		Women	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do	1892	Coed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meridian	1891	Coed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
University	1848	Coed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\* Junior college.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Pro-fessors and in-structors.		Total pro-fessors and in-structors.		Students.		Total students.		First de-grees.		Total first de-grees.		Gradu-ate de-grees.		Total gradu-ate de-grees.		Honorary degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
MISSOURI.																						
Osborn	Culver-Stoughton College.	Coed.	Chris.	1856	2	1	11	3	10	24	80	88	4	1	4	1	1	1	1	1	2	
	Preparatory.				3	2			40	20			4	1								
	Arts and sciences.				3	0			2	10												
	Graduate.				0	0			4	10												
	Special.				0	0			8	25												
	Music.				3	0			18	7												
	Theology school (JPL).				8	6			10	30			3	0								
Osborn	Clinton Theological Seminary.	Coed.	S. D. Ad.		8	6			130	90			3	0								
	Theology.				1	3			0	31			4	37								
	Preparatory.				1	3			0	204												
	Arts and sciences.				9	15			0	4												
	Graduate.				1	9			228	7												
	Arts and sciences.				38	6			117	78			60	30								
	University of Missouri.	Coed.	State.	1847	38	6			77	899			2,194	1,415								
	Graduate.				52	0			321	2			30	0								
	General engineering.				29	0			30	0			2	0								
	Chemical engineering.				22	0			22	0			2	0								
	Civil engineering.				11	0			11	0			2	0								
	Electrical engineering.				17	0			17	0			11	0								
	Mechanical engineering.				14	0			14	0			2	0								
	Mineral engineering.				54	1			54	1			11	0								
	Architecture.				14	0			14	0			5	2								
	Commerce.				11	0			11	0			2	13								
	Education.				22	1			22	1			3	13								
	Journalism.				139	430			139	430			37	110								
	Law.				44	4			44	4			10	0								
	Medicine.				11	0			11	0			7	0								



Payette	Summer (school 1917)	Coed.	1897	03	5	14	0	17	370	594	108	100	100	7	4								
Do	Short winter course	Coed.		24	3			14	167	14													
	Extension courses							13	85														
	German language courses							202	847														
	Military drill							875	0														
Do	Central College	Coed.	1870	13	0	0		80	100	10	150												
	Preparatory	Women						0	40														
	Arts and sciences	Women						0	75														
	Howard Payne College	Coed.	1870	3	6	3		10	40														
	Preparatory							0	21														
	Arts and sciences							0	25														
	Special							0	60														
	Recreation							0	100														
	Home economies							0	40														
	Physical training							10	100														
Do	Synodal College	Women	1871	0	8	1	14	0	47														
	Preparatory							0	72														
	Arts and sciences							0	71														
Do	Special	Men	1849	5	0	10	0	37	106	0	146												
	Western College							109	0														
	Preparatory							0	100														
	Arts and sciences							0	60														
Do	William Woods College	Women						4	18														
	Preparatory							0	100														
	Arts and sciences							2	6														
Do	Special							7	1														
	Kansas City College of Pharmacy	Coed.	1885	7	1	1	44	2	185	0	195												
Do	Pharmacy	Men						19	0														
Do	Kansas City Dental College		1881	19	0	24	0	204	7	204													
Do	Dentistry							0	185														
Do	Kansas City School of Law		1885	24	0	16	0	204	7	204													
Do	Law							0	204														
Do	Kansas City Polytechnic Institute							19	6														
Do	Arts and sciences							246	209														
Do	Western Dental College		1890	10	0	29	0	180	2	180													
Do	Dentistry							0	180														
Do	William Jewell College		1849	5	0	21	0	101	0	339													
Do	Preparatory							0	101														
Do	Arts and sciences							16	0														
Do	Missouri Valley College		1869	8	3	10	3	68	120														
Do	Arts and sciences							22	86														
Do	Music							0	151														
Do	Hardin Junior College		1873	3	3	4	15	0	151														
Do	Preparatory							0	14														
Do	Arts and sciences							0	63														
Do	Business							0	77														
Do	Physical training							0	131														
Do	Music							0	131														
Do	Oratory							0	1														

1 Junior college.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, coeducational.	Control.	Year of first opening.	Pro-fessors and in-structors.		Students.		Total students.		First de-grees.		Total first de-grees.		Gradu-ate de-grees.		Total gradu-ate de-grees.		Honorary degrees.
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
Missouri—contd.																			
Morrisville	Scarritt-Morrisville College	Coed.	M. E. So.	1846	2	2	20	30	20	40	12	18	16	17	19	21	21	21	22
Nevada	Arts and sciences.	Women.			0	1	0	10	0	23	0	0	0	0	0	0	0	0	0
	Cotley College				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences.				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Special				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Commerce				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Education				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Business economics				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fine arts				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Music				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Physical education				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Preparatory				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Law				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Preparatory				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences				12	2	130	153	106	0	19	25	19	25	33	0	0	0	0
	St. Joseph Veterinary College	Men	None: t		19	0	108	0	239	10	239	10	17	0	0	0	0	0	0
	Veterinary medicine	Coed.	None: t		3	0	36	7	0	0	0	0	0	0	0	0	0	0	0
	City College of Law and Finance		None: t		17	0	74	2	0	0	0	0	0	0	0	0	0	0	0
	Preparatory				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Law				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Commerce				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Concordia Theological Seminary	Men	Luth.	1839	8	0	345	0	345	0	91	0	85	0	85	0	0	0	0
	Theology				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Eden Theological Seminary	Men	Evang.	1850	5	0	91	0	91	0	32	0	32	0	32	0	0	0	0
	Theology				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Forest Park College	Women	None: t	1881	4	21	0	91	0	101	0	0	0	0	0	0	0	0	0
	Preparatory				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Location	Institution	Year	Coed	Men	Women	Total	Faculty	Students	Faculty	Students	Faculty	Students	Faculty	Students
Do.	St. Louis College of Physicians and Surgeons	1918	31	0	0	31	0	78	4	78	4	78	4	78
Do.	St. Louis University	1918	224	0	0	224	0	520	0	520	0	520	0	520
	Preparatory		19	0	0	19	0	176	0	176	0	176	0	176
	Arts and sciences		3	0	0	3	0	17	0	17	0	17	0	17
	Graduate		31	0	0	31	0	419	0	419	0	419	0	419
	Commerce		9	0	0	9	0	211	0	211	0	211	0	211
	Theology		16	0	0	16	0	92	0	92	0	92	0	92
	Law		101	0	0	101	0	97	0	97	0	97	0	97
	Medicine		21	0	0	21	0	184	0	184	0	184	0	184
Do.	Military drill	1857	0	0	0	0	0	394	0	394	0	394	0	394
	Washington University		08	4	0	12	8	180	264	463	17	44	5	4
	Arts and sciences		0	0	0	0	0	27	0	27	0	27	0	27
	Armed		0	0	0	0	0	30	0	30	0	30	0	30
	Special		0	0	0	0	0	0	0	0	0	0	0	0
	General engineering		0	0	0	0	0	45	0	45	0	45	0	45
	Chemical engineering		0	0	0	0	0	0	0	0	0	0	0	0
	Civil engineering		0	0	0	0	0	30	0	30	0	30	0	30
	Electrical engineering		0	0	0	0	0	44	0	44	0	44	0	44
	Mechanical engineering		0	0	0	0	0	49	0	49	0	49	0	49
	Architecture		0	0	0	0	0	19	5	24	1	2	0	0
	Commerce		0	0	0	0	0	6	0	6	0	6	0	6
	Fine arts		7	4	0	11	4	79	116	185	13	3	0	0
	Law		8	0	0	8	0	77	0	77	0	77	0	77
	Medicine		87	0	0	87	0	129	0	129	0	129	0	129
	Dentistry		19	0	0	19	0	116	1	117	1	118	1	119
	Extension courses		0	0	0	0	0	322	364	686	46	1	0	0
Springfield.	Drury College	1873	14	4	0	18	4	103	137	240	9	20	1	0
	Arts and sciences		0	0	0	0	0	3	0	3	0	3	0	3
	Preparatory		0	0	0	0	0	64	103	167	0	0	0	0
	Summer school (1917)		0	0	0	0	0	13	36	49	0	0	0	0
Warrenton.	Central Wesleyan College	1864	12	2	0	14	6	70	45	115	14	7	0	0
	Arts and sciences		4	0	0	4	0	57	114	171	0	0	0	0
	Special		2	0	0	2	0	34	0	34	0	34	0	34
	Theology		4	0	0	4	0	27	68	72	0	0	0	0
	Summer school (1917)		0	0	0	0	0	0	0	0	0	0	0	0
Webster Groves.	Kearick Seminary		8	0	0	8	0	27	68	95	0	31	0	31
	Theology		12	0	0	12	0	196	0	196	0	31	0	31

1 Junior college.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location	Institution	For men, for women, or coeducational	Control	Year of first opening	Professors and instructors		Total professors and instructors		Students		Total students		First degrees		Total first degrees		Total graduate degrees		Honorary degrees	
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
MONTANA	Montana State College of Agriculture and Mechanics Arts	Coed	State	1893	2	3	5	22	6	6	388	294	2	7	16	20				1
	Preparatory				14	12			36	67										
	Art and sciences				19	2			184	22										
	Special				2	0			8	0										
	Chemical engineering				3	0			20	0										
	Civil engineering				2	0			41	0										
	Electrical engineering				1	0			15	7										
	Mechanical engineering				16	0			57	0										
	Architectural engineering				2	1			12	28										
	Agriculture				2	0			11	0										
	Commerce				2	0			0	0										
	Vocational education				2	1			0	0										
	Home economics				2	1			27	90										
	Normal school (1917)				11	9			166	112										
	Short winter course				13	5			363	0										
	Military drill				7	0			51	1										
Butte	Montana State School of Mines	Coed	State	1900	7	0	7	0	51	1	51	1	3	0	3	0				
	Mining engineering				1	0	46	10	0	40	272	348	10	24	13	41	2	0		
	Extension courses				37	9			152	277										
Missoula	University of Montana	Coed	State	1865	3	1	4	0	30	0										
	Arts and sciences				3	0			37	54										
	Graduate				3	0			19	29										
	Special				2	0			26	6										
	Forestry				2	0			11	9										
	Law				2	0			11	9										
	Pharmacy				27	7			53	278										
	Summer school (1917)																			

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

College	Year	Coed	Religion	Faculty	Students	Teachers	Value	Books	Buildings	Land	Other	Total	Notes
NEBRASKA													
College View													
					10	3	74						
					338	0							
					202	241							
					7	108							
					52	17							
					8	7							
					3	26							
					10	0							
					18	96							
					44	63							
					4	15							
					26	67							
					13	14							
					22	108							
					22	101							
					7	60							
					67	188							
					77	1,004							
					127	173							
					121	256							
					30	18							
					84	40							
					70	8							
					3	0							
					3	0							
					2	0							
					5	0							
					5	1							
					21	6							
					24	12							
					10	37							
					0	283							
					16	110							
					13	2							
					17	14							
					9	0							
					51	0							
					16	2							
					39	16							
					20	0							
					19	12							
					661	0							
					320	0							
					199	0							
					14	0							
					58	0							
					13	0							
					58	0							
					187	0							
					22	0							
					14	0							
					13	0							
					58	0							
					187	0							
					778	0							
					0	49							
					0	0							
					4	0							
					2	0							
					10	0							



TABLE 21.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Pro-fessors and in-structors.		Total pro-fessors and in-structors.		Students.		Total students.		First de-grees.		Total de-grees.		Total gradu-ate de-grees.		Honorary degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.		
NEBRASKA—Contd.		3	4																	
Omaha.....	Creighton University—Continued.																			
	Dentistry.....				23	0			115	0										
	Summerschool (1917).....				10	1			15	210										
	Military drill.....								350	0										
Do.....	Presbyterian Theological Seminary.....	Men.	Presb.	1891	5	0	5	0	35	0	35	0	27	0						
Do.....	University of Omaha.....	Coed.	Nonsect.	1900	5	0	3	8	9	101	9	113	5	5						
	Preparatory.....				3	8			49	101										
	Arts and sciences.....				3	8			22	43										
University Place.....	Nebraska Wesleyan University.....	Coed.	M. E.	1887	16	5	21	12	28	279	216	568	22	24						
	Preparatory.....				5	7			147	23										
	Arts and sciences.....				16	5			2	126										
	Special.....				2	5			24	208										
	Education.....				5	7			39	198										
	Summer school (1917).....				2	5			39	198										
York.....	York College.....	Coed.	U. P.	1890	0	1	12	10	27	26	208	274	4	11						
	Preparatory.....				0	1			40	47			4	11						
	Arts and sciences.....				3	3			135	157										
	Commerce.....				0	1			0	10										
	Home economics.....				0	1			0	10										
	Fine arts.....				0	1			5	51										
	Music.....				1	0			1	4										
	Expression.....				3	4			10	90										
	Summer school (1917).....								3	0										
	Conspicuous courses.....								3	0										
	Military drill.....								30	0										

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

801

State	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900
NEVADA															
University of Nevada															
Arts and sciences	26	7	38	10	53	112	154	170	4	15	6	15			
Civil engineering					13	0	0	0	1	0					
Mechanical engineering	21	2	0	0	40	0	0	0	1	0					
Mining engineering	0	0	0	0	27	0	0	0							
Agriculture	28	0	0	0	18	0	0	0	1	0					
Education	3	0	0	0	0	42	0	0							
Home economics	0	0	0	0	0	0	0	0							
Summer school (1917)	6	7	0	0	14	87	0	0							
Short winter course	0	0	0	0	0	0	0	0							
Military drill	0	0	0	0	109	0	0	0							
NEW HAMPSHIRE															
New Hampshire College of Agriculture and Mechanical Arts															
Arts and sciences	38	5	54	8	178	94	399	163	11	20	47	20	1	0	3
Chemical engineering	4	0	0	0	4	1	0	0	1	0					
Electrical engineering	4	0	0	0	46	1	0	0	6	0					
Mechanical engineering	4	0	0	0	58	0	0	0	4	0					
Agriculture	14	0	0	0	32	0	0	0	2	0					
Forestry	2	0	0	0	105	0	0	0	23	0					
Education	1	0	0	0	3	0	0	0	1	0					
Home economics	0	0	0	0	60	90	0	0	1	0					
Military drill	0	0	0	0	0	64	0	0							
Summer school (1917)	0	0	0	0	0	0	0	0							
Short winter course	0	0	0	0	0	0	0	0							
Military drill	0	0	0	0	390	0	0	0							
NEW HAMPSHIRE															
Dartmouth College															
Arts and sciences	96	0	122	0	999	0	0	0	0	274	0	274	0	6	0
Graduate	6	0	0	0	1	0	0	0						1	0
Civil engineering	6	0	0	0	20	0	0	0						3	0
Commerce	9	0	0	0	28	0	0	0						0	0
Medicine	12	0	0	0	31	0	0	0						0	0
Summer school (1917)	32	0	0	0	12	156	0	0						0	0
Military drill	0	0	0	0	450	0	0	0						0	0
NEW HAMPSHIRE															
St. Anselm's College															
Arts and sciences	16	0	16	0	107	0	163	0						8	0
Preparatory	7	0	0	0	46	0	0	0						0	0
Fine arts	1	0	0	0	4	0	0	0						0	0
Theology	4	0	0	0	12	0	0	0						1	0
NEW JERSEY															
Bloomfield Theological Seminary															
Theology	15	1	15	1	74	0	74	0						2	0
NEW JERSEY															
Convent Station															
College of St. Elizabeth															
Preparatory	3	40	3	63	0	250	0	495						0	1
Arts and sciences	0	0	0	0	0	175	0	0						0	1
Commerce	0	0	0	0	0	0	0	0						0	0
Journalism	0	0	0	0	0	0	0	0						0	0
Education	1	0	0	0	0	40	0	0						0	0
Home economics	0	0	0	0	0	28	0	0						0	0

59873° - 21



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and other instructors.		Total professors and other instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
New Jersey—Con.																						
Convent station.....	College of St. Elizabeth—Continued.				2	6			0	150			0	2								
	St. Elizabeth's school (1917).....				0	10			0	100												
	Correspondence courses.....	Men.	Nonsect.	1871	5	0			0	50			0	0								
Hoboken.....	Stervens Institute of Technology.....				47	0			520	0			0	0								
	Mechanical engineering.....								520	0			0	0								
Jersey City.....	Military drill.....	Men	R. C.	1878	11	0			88	0			11	0								
	St. Peter's College.....				10	2			31	12			2	2								
	Arts and sciences.....	Coed	Luth.	1893	8	0			17	4			2	2								
	Ursula College.....				3	0			6	5			3	3								
	Preparatory.....				2	0			11	20			30	0								
	Special.....				15	0			90	1			30	0								
	Music.....	Coed	M. E.	1867	7	0			184	18			30	4								
	Drew Theological Seminary.....	Coed	Nonsect.		7	0			70	1			30	4								
	Theology.....				64	0			173	0			23	0								
Newark.....	New Jersey Law School.....	Coed	Nonsect.	1766	7	0			184	18			30	4								
	Law.....	Men.	Nonsect.		64	0			519	1			45	0								
New Brunswick.....	Rutgers College.....				6	1			73	0			23	0								
	Arts and sciences.....				9	0			9	0			0	0								
	Graduate.....				0	0			0	0			0	0								
	General engineering.....				0	0			0	0			0	0								
	Chemical engineering.....				0	0			0	0			0	0								
	Civil engineering.....				0	0			0	0			0	0								
	Electrical engineering.....				0	0			0	0			0	0								
	Mechanical engineering.....				0	0			0	0			0	0								
	Ceramics.....				0	0			0	0			0	0								
	Agriculture.....				0	0			0	0			0	0								



Do.	Institution	Ref.	31	23	407	88	76	17	407	22	0	80	0	24	0	8
	Summer School (1917)					88	76	17	407							
	Short winter course					325	0	0	22	0						
	Military drill															
	Theological Seminary of the Reformed Church	1784	10	0	0	22	0	150	0	0	0	0	0	24	0	8
Princeton	Princeton Theological Seminary		7	0	181	150	0	972	0	82	0	0	0	24	0	
	Princeton University	1746	184	0		384	0	0	0	0	0	0	0	0	0	
	Arts and sciences					14	0	0	0	0	0	0	0	0	0	
	Special					62	0	0	0	8	0	0	0	0	0	
	Civil engineering					148	0	0	0	0	0	0	0	0	0	
	Summer school (1917)					384	0	0	0	0	0	0	0	0	0	
	Military drill															
NEW MEXICO																
Albuquerque	University of New Mexico	1891		20	4	111	124			4	6					
	Preparatory					7	4									
	Arts and sciences					78	99			4	6					
	Special		20	4		26	31		19	0						
Beauro	New Mexico School of Mines	1885		0	0	2	0									
	Preparatory					1	0									
	Civil engineering					0	0									
	Mining engineering					2	0									
	Geological engineering					1	0									
	Metalurgical engineering					1	0									
	Mechanical engineering					1	0									
State College	New Mexico College of Agriculture and Mechanic Arts	1890		33	7	142	68			3	4					
	Preparatory		13	4		118	48									
	Graduate					1	0									
	Civil engineering					1	4									
	Special		0	1	0	3	0									
	Electrical engineering		1	0	0	6	0									
	Mechanical engineering		3	0	0	6	0									
	Irrigation engineering		1	0	0	1	0									
	Agriculture		13	0		26	0			3	0					
	Home economics		0	2		0	16			0	4					
	Military drill					160	0									
NEW YORK																
Albany	New York State College for Teachers			32	25	178	984			13	135					
	Preparatory		1	5		50	150									
	Arts and sciences		31	20		114	677			13	135					
	Graduate					5	5									
	Special					9	32									
	Summer school (1917)					35	218									
	Extension courses					13	54									
Alfred	Alfred University	1836		14	5	38	67			4	11					
	Arts and sciences					13	10									
	Special					4	10									
	Theology		2	0		34	0									
	Military drill															

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degree.		Total first degree.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
NEW YORK—contd.																			
Amundale.	St. Stephen's College.	Men.	Epis.	1860	9	0	9	0	32	0	32	0	4	0	4	0			
	Arts and sciences.	Coed.	Presb.	1819	13	0	13	0	55	1	56	1							
Auburn.	Auburn Theological Seminary.	Women.	Nonssect.	1868	17	5	22	0	62	71	133	0	0	38	0	38			
	Theology.	Women.	Nonssect.	1868	11	26	37	0	233	0	233	0	0	77	0	77			
Aurora.	Summer school (1917).	Women.	Nonssect.	1896	16	12	28	0	267	0	267	0	0	77	0	77			
	Arts and sciences.	Women.	Nonssect.	1896	16	12	28	0	267	0	267	0	0	77	0	77			
Brooklyn.	Adelphi College.	Coed.	Nonssect.		13	2	15	0	14	7	21	0							
	Arts and sciences.	Coed.	Nonssect.		13	2	15	0	14	7	21	0							
	Special.	Coed.	Nonssect.		11	4	15	0	14	167	181	0							
	Summer school (1917).	Coed.	Nonssect.		11	4	15	0	380	56	436	0	146	19	165	0			
	Extension courses.	Coed.	Nonssect.	1881	14	0	14	0	400	0	400	0	16	0	16	0			
Do.	Brooklyn College of Pharmacy.	Men.	R. C.	1847	12	0	12	0	240	0	240	0	16	0	16	0			
	College of St. Francis Xavier.	Men.	R. C.	1847	12	0	12	0	240	0	240	0	16	0	16	0			
	Preparatory.	Coed.	Nonssect.		12	0	12	0	240	0	240	0	16	0	16	0			
	Arts and sciences.	Coed.	Nonssect.		12	0	12	0	240	0	240	0	16	0	16	0			
Do.	Long Island College Hospital.	Coed.	Nonssect.	1859	114	1	115	0	339	6	345	0	46	0	46	0			
	Medicine.	Coed.	Nonssect.	1859	114	1	115	0	339	6	345	0	46	0	46	0			
Do.	Polytechnic Institute of Brooklyn.	M. E. E.	Nonssect.	1854	8	0	8	0	168	0	168	0	19	0	19	0			
	General engineering.	M. E. E.	Nonssect.	1854	8	0	8	0	168	0	168	0	19	0	19	0			
	Chemical engineering.	M. E. E.	Nonssect.	1854	7	0	7	0	219	0	219	0	18	0	18	0			
	Civil engineering.	M. E. E.	Nonssect.	1854	10	0	10	0	156	0	156	0	5	0	5	0			
	Electrical engineering.	M. E. E.	Nonssect.	1854	3	0	3	0	138	0	138	0	14	0	14	0			
	Mechanical engineering.	M. E. E.	Nonssect.	1854	7	0	7	0	132	0	132	0	1	0	1	0			
	Military drill.	M. E. E.	Nonssect.	1854	7	0	7	0	132	0	132	0	1	0	1	0			

Location	Institution	Men	R. C.	1870	13	13	0	0	144	0	157	0	30	0	30	0	30	0	10	0	4
Buffalo	Catholic College	Men			13	0			144	0	157	0	30	0	30	0	30	0	10	0	4
	Arts and sciences								10	0									10	0	
	Specials								3	0									0	3	
Do.	D'Youville College	Women	R. C.		0	13		0	35		0	201	0	17					0	3	
	Preparatory				6	12			0	(23)									0	3	
	Arts and sciences				0	10			0	23									0	3	
	Music				8	7			0	40									0	3	
Do.	Summer school (1917)				2	7		200	7		778	175	185	11					2	0	
	Extension courses		Nonsect.		16	2			97	121									1		
	University of Buffalo	Coed			24	0			114	13									22	4	
	Arts and sciences				104	3			199	19									98	1	
	Law				41	0			271	4									34	8	
	Medicine				28	2		42	10		373	204	73	32					2	0	
	Dentistry				14	3			66	104									13	25	
Oranston	St. Lawrence University	Coed	Nonsect.	1838	10	7			81	50									3		3
	Arts and sciences				10	7			14	30									3	0	
	Agriculture (secondary)				13	0			209	46									54	7	
	Theology				23	0		23	0	46									25	0	
	Law				3	4			3	62									4	0	
Clinton	Hamilton College	Men	Nonsect.	1812	23	0			202	0	202	0	25	0	25	0	25	0	4	0	2
	Arts and sciences				3	4			140	0									0	4	0
	Summer school (1917)				9	22		9	22	0	0	309	0	57	0	57	0	0	1	0	1
	Military drill				9	22		9	22	0	0	309	0	57	0	57	0	0	1	0	1
Elmira	Elmira College	Women	Nonsect.	1853	9	22			114	0	114	0	16	0	16	0	16	0	0	1	0
	Arts and sciences				11	0			2	0									0	1	0
Esopus	Mt. St. Alphonsus Theological Seminary	Men	R. C.	1867	2	0			2	0	7	0	0	0	0	0	0	0	0	0	0
	Theology				2	0			2	0	7	0	0	0	0	0	0	0	0	0	0
Geneva	De Lancy Trinity School	Men	P. E.	1856	7	0			7	0	7	0	0	0	0	0	0	0	0	0	0
	Preparatory				7	0			2	0	7	0	0	0	0	0	0	0	0	0	0
	Theology				7	0			2	0	7	0	0	0	0	0	0	0	0	0	0
Do.	Robert College	Coed	Nonsect.	1822	20	3		20	3	70	80	76	80	10	19	10	19	10	1	0	7
	Arts and sciences				30	0			434	0	484	0	65	0	65	0	65	0	1	0	7
Hamilton	College of the Holy Cross	Men	Nonsect.	1819	17	0			57	0	57	0	1	0	1	0	1	0	0	0	0
	Arts and sciences				17	0			400	0	400	0	0	0	0	0	0	0	0	0	0
	Theology				4	0		4	0	10	10	0	0	0	0	0	0	0	0	0	1
Hartwick Seminary	Hartwick Seminary	Men	Luth.	1797	4	0			10	0	10	0	0	0	0	0	0	0	0	0	1
	Theology				4	0			10	0	10	0	0	0	0	0	0	0	0	0	1
Ithaca	Cornell University	Coed	Nonsect.	1868	224	13		736	60	812	3,240	812	95	84	440	149	440	149	03	18	
	Arts and sciences				21	0			835	477	3,240	812	95	84	440	149	440	149	45	15	
	Graduate				21	0			228	52	3,240	812	95	84	440	149	440	149	45	15	
	Civil engineering				81	0			259	1	4	42	0	0	1	0	1	0	1	0	
	Mechanical engineering				232	35			686	309	759	309	140	56	18	2	18	2	1	1	
	Agriculture				12	1			83	18	101	18	1	1	1	1	1	1	1	1	
	Architecture				6	0			179	14	191	14	2	2	2	2	2	2	2	2	
	Law				161	11			167	43	283	43	4	4	4	4	4	4	4	4	
	Medicine				26	0			108	0	108	0	0	0	0	0	0	0	0	0	
	Veterinary medicine				26	0			108	0	108	0	0	0	0	0	0	0	0	0	

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

1 Location.	2 Institution.	3 For men, women, or coeducational.	4 Control.	5 Year of first opening.	6 Professors and instructors.		7 Total pro- fessors and instruc- tors.		8 Students.		9 Total students.		10 First de- grees.		11 Gradu- ate de- grees.		12 Total gradu- ate de- grees.		
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.
NEW YORK—contd.																			
Yonkers	Cornell University—Continued.																		
	Summer school (1917)																		
	Short winter course																		
	Military drill																		
	College of New Rochelle	Women	R. C.	1904	9	17	14	28	1,780	0	0	0	302	0	43	0	43		
	Special				1	4													
	Education				1	4													
	Commerce				1	4													
	Arts and sciences				3	5													
	Music				3	5													
	Home economics				3	5													
	Summer school (1917)				5	14													
	Barnard College	Women	Nonsect.	1889	60	43	60	43	0	667	0	667	0	137	0	137			
	Arts and sciences																		
	Bible Teachers' Training School	Coed	Nonsect.	1901	12	4	12	4	3	18	28	3	18	28					
	Missions				18	28			59	116		59	116						
	Bible teachers				12	4	12	4	26	0	26	0	1,756	311	278	0			
	Theology				17	0	17	0	3,077	1,311	3,077	1,311	278	0					
	College of the City of New York	Men	City	1849	64	0	64	0	1,659	0	1,659	0	311	278	0				
	Preparatory				17	0	17	0	20	0	20	0							
	Arts and sciences				5	1	5	1	192	0	192	0							
	Special				17	0	17	0	130	0	130	0							
	Chemical engineering				5	0	5	0	105	0	105	0							
	Civil engineering				5	0	5	0	10	0	10	0							
	Electrical engineering				1	0	1	0	1,401	580	1,401	580							
	Mechanical engineering				83	5	83	5	504	3,095	504	3,095							
	Technical school (1917)																		
	Extension courses																		
	Military drill																		

Do	Columbia University	Nonsect.	1854	1880	1890	3	1,315	0	3,365	674	212	0	532	20	219	163	222	163	10
	Arts and sciences		131	0	0	0	1,315	0	3,365	674	212	0	532	20	219	163	222	163	10
	Graduate		286	2	0	0	552	577	0	0	3	0	0	0	0	0	0	0	0
	Chemical engineering		160	0	0	0	30	0	0	0	8	0	0	0	0	0	0	0	0
	Electrical engineering		0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
	Mechanical engineering		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mining engineering		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Metallurgical engineering		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Architecture		11	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0
	Commerce		16	0	0	0	30	17	0	0	2	0	0	0	0	0	0	0	0
	Journalism		22	0	0	0	42	34	0	0	8	11	0	0	0	0	0	0	0
	Law		15	0	0	0	219	0	0	54	0	0	0	0	0	0	0	0	0
	Medicine		555	0	0	0	545	9	0	0	118	0	0	0	0	0	0	0	0
	Dentistry		15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pharmacy		17	1	0	0	487	37	0	0	113	7	0	0	0	0	0	0	0
	Summer school (1917)		288	113	0	0	2,008	4,141	0	0	0	0	0	0	0	0	0	0	0
	Extension courses		298	47	0	0	2,228	5,039	0	0	0	0	0	0	0	0	0	0	0
	Military drill		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fortham University		1841	0	0	179	1	0	1,337	10	0	0	223	0	0	0	15	3	8
	Preparatory		24	0	0	0	461	0	0	0	34	0	0	0	0	0	0	0	0
	Arts and sciences		21	0	0	0	309	0	0	0	0	0	0	0	0	0	0	0	0
	Graduate		13	0	0	0	35	10	0	0	0	0	0	0	0	0	0	0	0
	Special		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Law		12	0	0	0	469	0	0	0	0	0	0	0	0	0	0	0	0
	Medicine		130	1	0	0	207	0	0	0	0	0	0	0	0	0	0	0	0
	Pharmacy		14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sociology and social service		12	2	0	0	126	468	0	0	0	0	0	0	0	0	0	0	0
	General Theological Seminary of the Protestant Episcopal Church		1817	0	0	16	0	0	82	0	11	0	0	0	0	0	0	0	0
	Theology		16	0	0	17	109	0	0	3,540	0	0	0	291	0	0	0	0	0
	Hunter College of the City of New York		1870	0	0	64	0	1,749	0	0	0	0	0	291	0	0	0	0	0
	Preparatory		17	105	0	0	1,752	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences		0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0
	Special		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Summer school (1917)		0	0	0	25	0	281	0	0	0	0	0	0	0	0	0	0	0
	Jewish Theological Seminary		1858	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0
	Theology		9	0	0	0	83	0	0	0	0	0	0	0	0	0	0	0	0
	Teachers institute		8	0	0	0	51	73	0	0	0	0	0	0	0	0	0	0	0
	Manhattan College		1853	12	0	0	107	0	0	0	0	0	0	0	0	0	0	0	0
	Preparatory		11	0	0	0	192	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Graduate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Civil engineering		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New York College of Dentistry		1866	0	0	04	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dentistry		64	0	0	0	689	0	0	0	0	0	0	0	0	0	0	0	0
	New York University		1832	100	0	411	12	0	5,742	2,243	59	23	0	532	45	76	23	8	0
	Arts and sciences		100	0	0	0	281	256	0	0	0	0	0	0	0	0	0	0	0
	Graduate		56	0	0	0	233	86	0	0	0	0	0	0	0	0	0	0	0
	Chemical engineering		0	0	0	0	138	0	0	0	0	0	0	0	0	0	0	0	0

\* Included in medicine.

\* Engineering faculty.

1 Evening session.

Table 27.—*Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.*

Location	Institution	For men, women, or coeducational	Control	Year of first opening	Professors and instructors		Students		Total students		First degrees		Total first degrees		Graduate degrees		Total graduate degrees		Honorary degrees					
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women						
New York	New York University—Continued.				83	0	79	0	12	13	14	15	16	17	18	19	20	21	22					
					Civil engineering	100	2	65	0	13	0	6	0	0	0	0	0	0	0	0	0	0	0	
					Mechanical engineering	5	0	2,967	606	204	10	2	1	0	0	0	0	0	0	0	0	0	0	0
					Journalism	5	0	88	197	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
					Education	36	3	1,273	0	125	11	10	0	0	0	0	0	0	0	0	0	0	0	0
					LAW	143	3	1,273	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Medicine	19	0	245	627	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Veterinary medicine	19	0	245	627	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Summer school (1917)	81	40	245	627	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Extension courses	48	18	245	627	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Military drill	48	18	245	627	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Teachers College	585	0	585	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Graduate	85	126	802	476	451	1,924	36	309	148	181	146	181	0	0	0	0	0	0	
De.	Education and practical arts	Coed.	Nonsect.	1888	68	199	149	1,433	30	309	30	309	20	2	1	0	1	0	0	0				
					Extension	24	0	197	63	79	0	0	0	0	0	0	0	0	0	0	0			
Federal	Clarkson College of Technology	Men	Nonsect.	1880	4	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0				
					Chemical engineering	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
Pennsylvania	Vanderbilt College	Women	Nonsect.	1905	1	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0				
					Electrical engineering	1	0	19	6	7	0	0	0	0	0	0	0	0	0	0	0	0		
					Mechanical engineering	1	0	13	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
					Military drill	1	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pennsylvania	Arts and sciences	Coed.	Nonsect.	1865	25	114	25	114	0	1,126	0	275	0	275	0	275	0	275	0	0				
					Graduate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Department	Men	Coed	Dept.	1850	1855	1860	1865	1870	1875	1880	1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940							
Roanoke Theological Seminary																													
Theology																													
University of Rochester																													
Arts and sciences																													
Graduate																													
Special																													
St. Bonaventure																													
Arts and sciences																													
Preparatory																													
Military drill																													
St. Bonaventure's College																													
Arts and sciences																													
Theology																													
Union University																													
Arts and sciences																													
Graduate																													
Special																													
General engineering																													
Chemical engineering																													
Civil engineering																													
Mechanical engineering																													
Electrical engineering																													
Law																													
Medicine																													
Pharmacy																													
Military drill																													
New York State College of Forestry (at Syracuse University)																													
Forestry																													
Syracuse University																													
Arts and sciences																													
Graduate																													
Special																													
Chemical engineering																													
Civil engineering																													
Mechanical engineering																													
Electrical engineering																													
Agriculture																													
Architecture																													
Education																													
Fine arts																													
Music																													
Law																													
Medicine																													
Library sciences																													
Orestory																													
Summer school (1917)																													
Short winter course																													
Military drill																													



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Professors and instructors.			Students.			Total students.			First degrees.		Total first degrees.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	
NEW YORK—contd.																				
Do.	Rensselaer Polytechnic Institute	Men	Nonsect.	1824	57	0	57	4	0	4	623	0	623	68	0	68	1	0	1	5
	Graduate							35	0	35										
	Special							4	0	4										
	General science							143	0	143										
	Chemical engineering							176	0	176										
	Civil engineering							184	0	184										
	Mechanical engineering							127	0	127										
	Electrical engineering							108	0	108										
	Summer school (1917)							205	0	205										
	Military drill							1	18	19										
	Rural I. S. College	Women	Nonsect.	1917	1	18	19	0	150	150	0	150								
	Arts and sciences							0	91	91										
	Business							0	4	4										
	V. M. I. S.							0	49	49										
	Biomechanics							0	9	9										
West Point	United States Military Academy	Men	Natl.	1802	128	0	128	0	857	857	0	857								
NORTH CAROLINA																				
Asheville	St. Genevieve's College	Women	R. C.	1909	2	18	20	0	52	52	0	52								
	Preparatory							0	21	21										
	Arts and sciences							0	2	2										
	Graduate							0	10	10										
	Special							0	0	0										
Belmont	Belmont Abbey College	Men	R. C.	1878	18	0	18	0	60	60	0	60								
	Arts and sciences							0	25	25										
	Commerce							0	0	0										
	Law							14	0	14										
Chapel Hill	University of North Carolina	Coed.	State	1786	93	0	93	0	842	842	0	842	81	8	89	7	2	9	5	



College	Year	Men	Women	Coed	Prep	Grad	Ext	Res	Day	Night	Part	Other	Total
Charlotte	Arts and sciences	59	0	0	0	531	11	4	62	8	0	0	628
	Graduate	33	0	0	0	21	4	0	0	0	0	0	37
	Special	0	0	0	0	20	0	0	0	0	0	0	20
	Chemical engineering	0	0	0	0	50	0	0	0	0	0	0	50
	Civil engineering	0	0	0	0	20	0	0	0	0	0	0	20
	Electrical engineering	0	0	0	0	32	0	0	0	0	0	0	32
	Law	0	0	0	0	57	0	0	0	0	0	0	57
	Medicine	0	0	0	0	57	0	0	0	0	0	0	57
	Pharmacy	0	0	0	0	25	0	0	0	0	0	0	25
	Summer school (1917)	0	0	0	0	209	0	0	0	0	0	0	209
Durham	Arts and sciences	46	16	0	0	205	25	5	0	0	0	0	246
	Graduate	0	0	0	0	20	0	0	0	0	0	0	20
	Preparatory	0	0	0	0	134	0	0	0	0	0	0	134
	Arts and sciences	0	0	0	0	111	0	0	0	0	0	0	111
	Special	0	0	0	0	20	0	0	0	0	0	0	20
	Day	0	0	0	0	0	0	0	0	0	0	0	0
	Night	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences	0	0	0	0	319	0	0	0	0	0	0	319
	Graduate	0	0	0	0	200	0	0	0	0	0	0	200
	Military drill	0	0	0	0	33	0	0	0	0	0	0	33
Elon College	Arts and sciences	3	0	0	0	337	113	0	0	0	0	0	450
	Graduate	0	0	0	0	2	0	0	0	0	0	0	2
	Law	0	0	0	0	14	0	0	0	0	0	0	14
	Extension courses	0	0	0	0	20	0	0	0	0	0	0	20
	Military drill	0	0	0	0	175	0	0	0	0	0	0	175
	Preparatory	0	0	0	0	70	0	0	0	0	0	0	70
	Arts and sciences	0	0	0	0	131	113	0	0	0	0	0	244
	Commerce	0	0	0	0	26	34	0	0	0	0	0	60
	Education	0	0	0	0	91	77	0	0	0	0	0	168
	Home economics	0	0	0	0	25	0	0	0	0	0	0	25
Greensboro	Arts and sciences	0	0	0	0	0	0	0	0	0	0	0	0
	Graduate	0	0	0	0	0	0	0	0	0	0	0	0
	Preparatory	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences	0	0	0	0	0	0	0	0	0	0	0	0
	Special	0	0	0	0	0	0	0	0	0	0	0	0
	Day	0	0	0	0	0	0	0	0	0	0	0	0
	Night	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences	0	0	0	0	0	0	0	0	0	0	0	0
	Graduate	0	0	0	0	0	0	0	0	0	0	0	0
	Military drill	0	0	0	0	0	0	0	0	0	0	0	0
Outland College	Arts and sciences	0	0	0	0	0	0	0	0	0	0	0	0
	Graduate	0	0	0	0	0	0	0	0	0	0	0	0
	Preparatory	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences	0	0	0	0	0	0	0	0	0	0	0	0
	Special	0	0	0	0	0	0	0	0	0	0	0	0
	Day	0	0	0	0	0	0	0	0	0	0	0	0
	Night	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences	0	0	0	0	0	0	0	0	0	0	0	0
	Graduate	0	0	0	0	0	0	0	0	0	0	0	0
	Home economics	0	0	0	0	0	0	0	0	0	0	0	0
Music	0	0	0	0	0	0	0	0	0	0	0	0	

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

1	2	3	4	5	6		7		8		9		10		11		12		13		
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men
North Carolina— Lenoir					6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Deavenport College		Women	M. E. So.	1858	0	14	0	20	0	55	0	130									
Preparatory					0	0	0	0	0	0	0	0									
Arts and sciences					0	0	0	0	0	0	0	0									
Special					0	0	0	0	0	0	0	0									
Education					0	0	0	0	0	0	0	0									
Home economics					0	0	0	0	0	0	0	0									
Fine arts					0	0	0	0	0	0	0	0									
Music					0	0	0	0	0	0	0	0									
Louisburg Female College		Women	M. E. So.		0	1	1	15	0	30	0	140									
Preparatory					0	0	0	0	0	0	0	0									
Arts and sciences					0	0	0	0	0	0	0	0									
Education					0	0	0	0	0	0	0	0									
Home economics					0	0	0	0	0	0	0	0									
Fine arts					0	0	0	0	0	0	0	0									
Music					0	0	0	0	0	0	0	0									
Meredith College		Women	Bapt.	1899	3	15	4	23	0	170	6	337	0	23	0	28					
Arts and sciences					0	0	0	0	0	0	0	0									
Special					0	0	0	0	0	0	0	0									
Fine arts					0	0	0	0	0	0	0	0									
Music					0	0	0	0	0	0	0	0									
Peace Institute		Women	Presb.	1888	1	6	0	19	0	70	0	188	0	5	0						
Preparatory					0	0	0	0	0	0	0	0									
Arts and sciences					0	0	0	0	0	0	0	0									
Special					0	0	0	0	0	0	0	0									
Commerce					0	0	0	0	0	0	0	0									
Home economics					0	0	0	0	0	0	0	0									

De.	Coed.	Men	Women	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Do.	Coed.	Men	Women	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Bed Springs	Coed.	Men	Women	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Wake Forest	Men	Men	Women	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Weaver ville	Coed.	Men	Women	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
West Raleigh	Men	Men	Women	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Wilson	Coed	Men	Women	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930

1 Junior college.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Students.		Total students.		First degree.		Total first degree.		Total graduate degrees.		Honorary degrees.					
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.								
NORTH DAKOTA.	Agricultural College.	Coed.	State.	1880	9	9	10	11	19	18	14	15	16	17	18	19	21	22				
					39	11	34	38	480	242	3	3	16	9	1	0						
					12	0	14	23														
					1	0	6	5														
					1	0	9	0														
					1	0	5	0														
					1	0	13	0														
					1	0	1	0														
					1	0	30	1														
					3	0	6	8														
					3	0	0	0														
					16	3	11	0														
					2	0	15	2														
					20	12	182	94														
		207	8																			
FARGO.	Fargo College.	Coed.	Nonsect.	1887	14	17	207	0	183	419												
					2	1	41	28														
					10	4	41	60														
					3	10	1	11														
					3	10	133	353														
							15	2														
							30	0														
							26	9														
							4	3														
							8	2														
JAMNESTOWN.	Jamestown College.	Coed.	Presb.	1883	12	5	26	9	67	101												
					4	3	29	63														
					2	2	2	5														
		14	12																			

University	Adm.	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900
Home economics																		
Music																		
Summer school (1917)																		
University of North Dakota																		
Preparatory																		
Arts and sciences																		
Graduate																		
Special																		
General engineering																		
Civil engineering																		
Electrical engineering																		
Mechanical engineering																		
Mining engineering																		
Chemistry																		
Commerce																		
Education																		
Music																		
Expression																		
Physical education																		
Pharmacy																		
Arts and sciences																		
Evening courses																		
Graduate																		
Civil engineering																		
Electrical engineering																		
Mechanical engineering																		
Manufacturing production																		
Home economics																		
Military drill																		
Ohio Northern University																		
Preparatory																		
Arts and sciences																		
Special																		
Chemical engineering																		
Civil engineering																		
Electrical engineering																		
Mechanical engineering																		
Commerce																		
Education																		
Music																		
Expression																		
Physical education																		
Pharmacy																		
Arts and sciences																		
Evening courses																		
Graduate																		
Civil engineering																		
Electrical engineering																		
Mechanical engineering																		
Manufacturing production																		
Home economics																		
Military drill																		
Municipal University of Akron																		
Arts and sciences																		
Evening courses																		
Graduate																		
Civil engineering																		
Electrical engineering																		
Mechanical engineering																		
Manufacturing production																		
Home economics																		
Military drill																		

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Pro-fessors and in-structors.		Total pro-fessors and in-structors.		Students.		Total students.		First de-grees.		Total first de-grees.		Gradu-ate de-grees.		Total gradu-ate de-grees.		Honorary degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.		
Ohio—continued.	Albion	Coed.	M. E.	1846	6	19	6	19	10	11	12	13	14	15	16	17	18	19	20	21	22	
	Mount Union College	Coed.	M. E.	1846	6	19	6	19	10	11	12	13	14	15	16	17	18	19	20	21	22	
	Preparatory				17	6	17	13	4	173	133	196	180	12	10							5
	Arts and sciences				2	2	17	43	17	43	19	55	12	10								
	Music																					
	Summer school (1917)																					
	Military drill																					
	Ohio University	Coed.	State.		1863	30	40	34	40	34	40	259	652	27	29	29	69					8
	Preparatory					20	13	187	210	187	210	38	408	22	29							
	Arts and sciences					23	13	38	408	38	408	351	1,385	17	44							
Education					58	30	351	1,385	351	1,385	186	1,294	21	21	21	21	21	21	21	21		
Extension courses					6	0	186	1,294	186	1,294	516	21	85	26								
Baldwin-Wallace College	Coed.	M. E.		1864	7	2	154	24	154	24	132	95	27	19								
Preparatory					20	3	132	95	132	95	27	19										
Arts and sciences					0	1	0	28	0	28												
Home economics					4	3	52	115	52	115												
Music					3	0	20	2	20	2												
Law					13	0	218	24	218	24												
Summer school (1917)					5	4	21	34	21	34												
Military drill							118	0	118	0												
Bluffton College	Coed.	Mennon.			4	1	6	7	6	7	99	241	5	11	5	11	2	0	2	0		
Preparatory					18	6	57	96	57	96												
Arts and sciences					6	0	6	0	6	0												
Graduate					28	140	28	140	28	140												
Special					10	10	10	10	10	10												
Education					0	10	0	10	0	10												
Home economics					0	10	0	10	0	10												
Fine arts					0	12	0	12	0	12												

City	Year	Religion	Sex	Faculty	Students	Buildings	Value	Income	Expenses	Assets	Liabilities	Net Worth	
Cedarville	1891	R. Presb.	Coed	3	0	4	24	137	0	0	0	0	
	1891	R. Presb.	Men	4	2	10	19	86	0	0	0	0	
	1891	R. Presb.	Men	6	1	4	1	2	20	54	7	5	
	1891	R. Presb.	Men	6	4	1	24	26	0	0	0	2	
	1891	R. Presb.	Men	5	1	1	1	3	0	0	0	0	
	1891	R. Presb.	Men	0	3	1	8	30	0	0	0	2	
	1891	R. Presb.	Men	4	0	0	10	0	0	0	0	0	
	1891	R. Presb.	Men	4	0	0	10	0	0	0	0	0	
	1891	R. Presb.	Men	7	0	0	11	2	11	2	0	0	0
	1891	R. Presb.	Men	20	0	20	106	0	106	0	32	0	0
Cincinnati	1845	Nonsect.	Coed	35	0	35	0	0	0	0	0	0	
	1845	Nonsect.	Men	35	0	0	0	0	0	0	0	0	
	1845	Nonsect.	Men	9	0	9	0	0	0	0	0	0	
	1845	Nonsect.	Men	9	0	0	0	0	0	0	0	0	
	1845	Nonsect.	Men	5	0	5	0	0	0	0	0	0	
	1845	Nonsect.	Men	5	0	0	0	0	0	0	0	0	
	1845	Nonsect.	Men	9	0	0	0	0	0	0	0	0	
	1845	Nonsect.	Men	9	0	0	0	0	0	0	0	0	
	1845	Nonsect.	Men	9	0	0	0	0	0	0	0	0	
	1845	Nonsect.	Men	9	0	0	0	0	0	0	0	0	
Cleveland	1880	Nonsect.	Men	17	0	37	0	0	0	0	0	0	
	1880	Nonsect.	Men	5	0	0	0	0	0	0	0	0	
	1880	Nonsect.	Men	3	0	0	0	0	0	0	0	0	
	1880	Nonsect.	Men	4	0	0	0	0	0	0	0	0	
	1880	Nonsect.	Men	3	0	0	0	0	0	0	0	0	
	1880	Nonsect.	Men	3	0	0	0	0	0	0	0	0	
	1880	Nonsect.	Men	12	0	0	0	0	0	0	0	0	
	1880	Nonsect.	Men	20	0	0	0	0	0	0	0	0	
	1880	Nonsect.	Men	14	0	0	0	0	0	0	0	0	
	1880	Nonsect.	Men	14	0	0	0	0	0	0	0	0	



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or co-educational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
OHIO—continued.																				
Cleveland	St. Mary's Theological Seminary	Men.	R. C.		6	0	6	0	55	0	55	0								
Do.	Western Reserve University	Coed.	Nonsect.	1926	66	26	92	38	353	303	656	104	14	98	199	104	4	1	4	1
	Graduate				2	0	2	0	15	13	28	4								
	Education				1	0	1	0	0	103	103	0								
	Home economics				2	0	2	0	0	201	201	0								
	Music				5	7	12	0	0	37	37	0								
	Library school				11	0	11	0	1	35	36	0								
	School of applied and social sciences				111	0	111	0	72	0	72	0	20	0	20	0	0	0	0	0
	Law				30	0	30	0	181	0	181	0	44	0	44	0	0	0	0	0
	Medicine				8	0	8	0	192	8	200	8	28	2	30	2	0	0	0	0
	Dentistry				19	8	27	0	68	4	72	4	35	4	39	4	0	0	0	0
	Pharmacy				31	8	39	0	(644)	0	(644)	0	0	0	0	0	0	0	0	0
	Summer school (1917)								270	0	270	0								
	Extension courses																			
	Military drill																			
Columbus	Capital University	Men	A. U. M.	1850	12	0	12	0	81	0	81	0								
	Preparatory				11	1	12	0	102	0	102	0	20	0	20	0	0	0	0	0
	Arts and sciences								19	0	19	0								
	Special								4	0	4	0								
	Education								53	0	53	0								
	Theology								3	0	3	0								
	Correspondence courses																			
Do.	Ohio State University	Coed.	State	1872	253	48	299	48	894	574	1,468	373	64	76	147	212	46	20	47	30
	Arts and sciences								108	50	158	0								
	Graduate								36	0	36	0								
	General engineering								185	0	185	0	15	0	15	0	0	0	0	0
	Chemical engineering																			



Dayton.....	Donstrake Theological Seminary	Coeod.	U. B.	1871	6	0	6	0	0	40	17	6	0	5	0	0	0	15	0	0
Do.....	Central Theological Seminary	Coeod.	Ref.	1848	7	0	7	0	0	26	0	0	0	0	0	0	0	10	0	0
Delaware.....	Dedmore College	Coeod.	Christ.	1865	1	5	11	15	0	26	0	0	0	0	0	0	0	3	0	0
	Preparatory				9	7				87	102	7	14					8	0	
	Arts and sciences				11	7				80	140							7	0	
	Summer school (1917)				1	1				50	140							8	0	
	Ohio Wesleyan University	Coeod.	M. E.	1844	11	7	50	23	0	812	652	53	87	0	1	10	0	0	0	0
	Arts and sciences				45	15				274	434							54	0	
	Graduate				0	3				1	8							0	0	
	Special				2	5				28	38							10	0	
	Music				0	3				1	8							7	0	
	Findlay College	Coeod.	C. of God.	1882	6	5	8	11	0	150	346	4	7	0	1	0	0	4	0	1
	Preparatory				1	2				11	12							7	0	
	Arts and sciences				6	8				33	27	4	7	0	1	0	0	4	0	1
	Special				2	6				94	302							7	0	
	Theology				2	6				12	5							5	0	
	Summer school (1917)				4	1				4	10							5	0	8
Gambier.....	Kenyon College	Men.	P. E.	1824	15	0	20	0	0	130	0	13	0	5	0	0	0	0	0	0
	Arts and sciences				8	0				15	0							0	0	
	Theology				0	0				110	0							0	0	
	Military drill				14	0				113	126	14	23					23	0	
Hiram.....	Hiram College	Coeod.	Nonsect.	1850	12	5	14	0	0	113	119	11	23					11	0	1
	Arts and sciences				2	1				0	7							19	11	
	Special				15	0				135	54	1	0	1	0	1		11	0	1
Marietta.....	Marietta College	Coeod.	Nonsect.	1807	15	0	16	0	0	139	75	19	11					11	0	1
	Arts and sciences				0	0				1	1							1	0	
	Graduate				1	1				3	20							1	0	
	Special				0	0				0	0							0	0	

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18.—Continued.

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Ohio—continued.																						
New Concord.	Muskingum College.	Coed.	U. Presb.	1836	5	6	24	13	77	84	299	455	25	24	25	24	18	18	19	20	21	22
	Preparatory.				10	6			181	153												
	Arts and sciences.				0	1			0	10												
	Fine art.				3	0			11	184												
	Music.				0	9			94	178												
	Summer school (1917).								75	0												
	Military drill.																					
Oxford.	Miami University.	Coed.	State.	1824	34	2	50	24	269	110	327	508	34	16	30	42	327	508	34	16	30	42
	Arts and sciences.				16	22			38	396												
	Education.				36	11			102	501												
	Summer school (1917).								187	418												
	Extension courses.								327	0												
Do.	Oxford College for Women.	Women	Nonsect.	1830	0	16	1	20	0	146	0	176	0	12	0	17	0	176	0	12	0	17
Do.	Western College for Women.	Women	Nonsect.	1855	1	4	5	29	0	30	0	270	0	5	0	40	0	270	0	5	0	40
	Arts and sciences.				3	25			0	63												
	Music.				2	5			0	63												
Painesville.	Lake Erie College.	Women	Nonsect.	1859	1	20	1	20	0	132	0	139	0	21	0	21	0	139	0	21	0	21
	Arts and sciences.								0	7												
Rio Grande.	Rio Grande College.	Coed.	F. Bapt.	1876	2	2	6	3	40	180	66	240	6	1	6	1	66	240	6	1	6	1
	Arts and sciences.								26	60												
	Summer school (1917).								100	101												
Springfield.	Wittenberg College.	Coed.	Luth.	1845	3	4	23	7	258	225	258	225	23	23	23	23	258	225	23	23	23	23
	Preparatory.				16	3			180	140												
	Arts and sciences.								29	30												



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	Year when women, or women, first admitted to instruction.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
1	3	3	4	5	8	7	15	9	10	11	12	13	14	15	16	17	18	19	20	21	22
OKLAHOMA.																					
Chickasha	Oklahoma College for Women.	Women.	State.		3	14	17	21	0	102	0	121	0	5	0	11					
	Arts and sciences.				0	8	8		0	11	0	11	0	3	0	3					
	Home economics.				1	7	8		0	8	0	8	0	2	0	2					
East Bend	Phillips University.	Coed.	Disc.		6	4	10		132	119	415	392	25	8	2	1					
	Preparatory.				16	3	19		111	173	111	173	5	5	3	1					
	Arts and sciences.				6	1	7		7	5	7	5	2	1	2	1					
	Graduate.				5	7	12		20	20	20	20	0	0	0	0					
	Special.				4	3	7		9	65	9	65	0	0	0	0					
	Fine arts.				4	3	7		50	220	50	220	0	0	0	0					
	Music.				6	1	7		56	26	56	26	14	0	14	0					
	Theology.				4	1	5		77	155	77	155	0	0	0	0					
	Summer school (1917).				4	1	5		20	17	20	17	89	256	89	256					
Garfield	Methodist University of Oklahoma.	Coed.	M. E.	1911	7	5	12		25	20	25	20	0	0	0	0					
	Preparatory.				1	3	4		11	4	11	4	0	0	0	0					
	Arts and sciences.				1	3	4		49	104	49	104	0	0	0	0					
	Special.				0	1	1		7	10	7	10	0	0	0	0					
	Kindergarten.				5	4	9		17	17	17	17	0	0	0	0					
	Preparatory.				1	2	3		2	21	2	21	0	0	0	0					
	Arts and sciences.				5	4	9		168	22	168	22	88	73	88	73					
	Special.				71	14	85		671	605	671	605	24	63	24	63					
	University of Oklahoma.	Coed.	State.	1892	39	1	40		24	19	24	19	0	0	0	0					
	Arts and sciences.				34	2	36		102	1	102	1	4	0	4	0					
	Graduate.								6	0	6	0	0	0	0	0					
	General engineering.								3	0	3	0	0	0	0	0					
	Chemical engineering.								0	0	0	0	0	0	0	0					
	Civil engineering.								0	0	0	0	0	0	0	0					

Field	1881	1891	1901	1911	1921	1931	1941	1951	1961	1971	1981	1991	2001	2011	2021
Electrical engineering															
Mechanical engineering															
Commerce															
Journalism															
Education															
Fine arts															
Medicine															
Pharmacy															
Summer school (1917)															
Correspondence courses															
Military drill															
State															
Coed.															
Colleges															
Preparatory															
Arts and sciences															
Graduate															
Special															
General engineering															
Civil engineering															
Electrical engineering															
Mechanical engineering															
Agriculture															
Commerce															
Education															
Summer school (1917)															
Short winter course															
Military drill															
Albany College															
Arts and sciences															
Music															
Oregon Agricultural College															
Vocational															
Graduate															
Special															
Chemical engineering															
Civil engineering															
Electrical engineering															
Mechanical engineering															
Highway engineering															
Irrigation engineering															
Industrial arts															
Agriculture															
Forestry and logging															
Commerce															
Home economics															
Music															
Pharmacy															



TABLE 21.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Pro-fessors and in-structors.		Total pro-fessors and in-structors.		Students.		Total students.		First de-grees.		Total first de-grees.		Gradu-ates de-grees.		Total gradu-ates de-grees.		Honorary de-grees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
Corvallis.	Oregon Agricultural College—Continued.				46	28	74	10	268	12	18	30	14	18	32						
	Business school (1917).				27	13	40	10	960												
	Short winter course.								961												
	Military drill.																				
Eugene.	Eugene Bible University.	Coed.	Disc.	1895	1	3	4	6	20	16	36	14	15	29	1	3					
	Preparatory.								11	4	15										
	Special.				6	3	9	6	3	9	12										
	Theology Oregon.				6	3	9	6	11	5	16										
Do.	United States.	Coed.	State.	1876	80	13	93	120	22	62	69	120	5	3	23	30	90	2	1		
	Arts and sciences.									408	541	949	35	87	122						
	Graduate.								5	7	12										
	Special.				7	2	9			259	76	335									
	Architecture.				5	0	5			59	37	96									
	Commerce.				6	1	7			1	19	1	0								
	Journalism.				6	3	9			18	3	21									
	Education.				6	2	8			23	3	26									
	Kindergarten.				6	4	10			8	1	9									
	Law.				6	0	6			1	3	4									
	Medicine.				6	0	6			1	3	4									
	Summer school (1917).				34	0	34			72	6	78									
	Military drill.				31	5	36			145	354	289									
Forest Grove.	Pacific University.	Coed.	Cong.	1884	4	4	8	5	7	14	42	29	75	1	5	6	1				
	Arts and sciences.									18	56	74	1	6	7						
	Special.				10	3	13	14	7	3	17	13	6	19	6	7					
McMinnville.	McMinnville College.	Coed.	Bapt.	1887	10	3	13	10	3	31	83	121	6	6	12						
	Arts and sciences.				12	3	15			54	55	109	6	6	12						
	Special.				0	4	4			22	59	81									

Millen	Meds	M. E. So.	Coed	1	3	2	5	0	4	31	76	0	1			
	Columbian College															
	Preparatory			1	2			5	23							
	Arts and sciences			3	2			3	3							
Newberg	Preparatory	Friends	Coed	0	4	6	6	15	50	48	84		1	2		
	Pacific College															
	Preparatory			5	4			22	19				1	2		
	Arts and sciences			5	4			22	22							
	Special	Nonsect.	Coed	1	2	35	0	5	45	322	9	114	0			
Portland	North Pacific College			33	0			30	7			106	0			
	Dentistry			10	0	17	3	18	2	106	110	8	0	19	28	
Do	Reed College	Nonsect.	Coed	17	3	3	0	100	110	27	9	10	25			
	Arts and sciences															
Salem	Kimball School of Theology	M. E.	Coed	3	0	22	6	27	9	123	173	10	23			
Do	Williamette University	M. E.	Coed	15	6			72	115							
	Arts and sciences															
	Graduate			2	2			21	2							
	Special			9	0			10	74							
	Music							23	5			9	0			
	Law															
PENNSYLVANIA																
Allentown	Allentown College for Women	Ref.	Women	0	4	0	15	0	42	0	102		0	6		
	Preparatory															
	Arts and sciences			0	10			0	50				0	6		
	Special			0	4			0	10	200	152		27	16		
Annville	Lebanon Valley College	U. B.	Coed	1	1	11	10	30	1							
	Preparatory			8	5			132	76							
	Arts and sciences			2	4			34	75	170	0	7	0	3	0	
Do	St. Vincent College	R. C.	Men	20	0	32	0	272	0							
	Preparatory			6	0			108	0							
	Arts and sciences			6	0			91	0							
	Music			6	0			50	0							
	Theology															
Do	Military drill	M. E.	Women	1	6	9	22	0	13	0	165		0	4		
	Rever College															
	Preparatory			5	10			0	38				0	4		
	Arts and sciences			0	1			0	9							
	Home economics			0	1			0	16							
	Free arts			3	3			0	61							
	Music			0	1			0	29							
	Expression															
Do	Moravian College	Morav.	Men	7	0	7	0	22	0	54	0	13	0	2	0	
	Arts and sciences															
	Graduate							8	0							
	Theology			5	0			14	0							

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PENNSYLVANIA—continued.																					
Bothheim	Moravian Seminary and College for Women.	Women.	Morav.	1742	0	7	9	15	0	79	29	201	0	0	0	0	0	0	0	0	0
	Preparatory				9	8			0	0			0	0							
	Arts and sciences				0	1			0	23			0	0							
	Expression				3	1			0	26			0	0							
	Education				0	2			0	32			0	0							
	Home economics				1	0			0	9			0	0							
	Fine arts				2	0			29	90			0	0							
	Music				2	0			26	43			0	0							
Bryn Mawr	Bryn Mawr College.	Women.	Nonsect.	1885	16	43	0	404	0	404	0	489	0	62	0	62	0	17	0	17	
	Arts and sciences				26	28	0	82	0	82	0	19	0	0							
	Education				0	2			0	0			0	0							
	Physical				0	0			0	0			0	0							
	Dickinson College.	Coed.	Nonsect.	1753	14	0	14	0	212	96	312	95	24	14	24	14	11	1	1	1	10
	Arts and sciences				0	2	2	22	0	210	0	232	0	86	0	86	0	35	0	35	
Chambersburg	Wilson College.	Women.	Presb.	1870	1	18	1	18	0	50	0	71	0	16	0	16	0	0	0	0	
	Arts and sciences				1	4	13	0	0	0			0	0							
	Music				1	0			71	0			16	0							
Chester	Crozer Theological Seminary.	Men.	Bapt.	1868	19	0	16	2	700	0	100	97	31	12	31	12	0	0	0	0	3
	Theology				7	0			0	0			0	0							
	Extension courses				0	0	0	0	0	0			0	0							
Collegeville	Ursinus College.	Coed.	Nonsect.	1870	10	2	16	2	92	71	163	100	31	12	31	12	0	0	0	0	0
	Arts and sciences				1	1			13	39			0	0							
	Music				0	0			10	11			0	0							
	Summer school (1917)				0	0			0	0			0	0							
Easton	Lafayette College.	Men.	Presb.	1852	35	0	47	0	263	0	448	0	46	0	46	0	72	0	2	0	0
	Arts and sciences				0	0			2	0			0	0							
	Graduate				0	0			3	0			0	0							
	Spedal				0	0			0	0			0	0							



Table with columns: Institution, Dates, Program Type, Faculty Count, Enrollment, Graduates, etc. Includes entries for Gentryburg, Pennsylvania College, Do., Greenville, Grove City, Haverford, Lancaster, Do., Lewisburg, Lincoln University, and Mansville.

TABLE 27.—Universities, colleges, and professional schools.—Instructors, students, and graduates in 1917-18.—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Pro-fessors and in-structors.		Total pro-fessors and in-structors.		Students.		Total stud-ents.		First de-grees.		Total grad-uates de-grees.		Honorary degrees.					
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
DELAWARE— (Continued.)																						
Meadville.	Meadville Theological School.	Coed.	Nonsect.	1844	7	1	8	7	25	3	28	3	1	0	1	0						
Mechanicsburg.	Irving Female College.	Women.	Nonsect.	1856	2	4	6	5	0	15	0	90	0	0	0	20						
	Art and sciences.				1	6	7	1	0	13	0	13	0	0	0							
	Commerce.				0	1	1	1	0	25	0	25	0	0	0							
	Education.				1	1	2	1	0	15	0	15	0	0	0							
	Home economics.				1	1	2	1	0	56	0	56	0	7	15	10						
	Music.				13	9	22	13	17	10	27	27	15	10	1	0						
	Preparatory.				11	0	11	11	12	25	2	37	15	10	1	0						
	Art and sciences.				0	1	1	0	10	25	2	35	0	0	0							
	Graduate.				0	1	1	0	0	7	0	7	0	0	0							
	Special.				0	1	1	0	14	40	54	54	0	0	0							
	Fine arts.				0	4	4	0	14	40	54	54	0	0	0							
	Music.				0	4	4	0	14	40	54	54	0	0	0							
New Wilmington.	Westminster College.	Coed.	U. Presb.	1852	13	2	15	14	5	4	9	68	16	19	16	19						
	Preparatory.				1	3	4	1	59	87	146	146	16	19	16	19						
	Art and sciences.				1	3	4	1	5	17	22	22	0	0	0	6						
	Special institute.				2	5	7	19	29	3	62	62	0	2	20	6						
	Secretarial courses.				2	5	7	19	29	3	62	62	0	2	20	6						
	Engineering.				17	1	18	17	1	123	0	123	0	0	0							
	Home economics.				0	23	23	0	0	236	0	236	0	0	0							
	Extension courses.				2	87	89	2	87	87	174	174	0	0	0							
Do.	Drexel College.	Coed.	Jewish.	1909	8	0	8	8	0	35	15	35	35	15	2	0						
	Graduate.				0	0	0	0	0	0	0	0	0	0	0							

Do	Jefferson Medical College	Men.	Nonsect.	1825	164	169	0	466	0	466	0	466	0	102	0	102	0	102	0	3	0	3	0
Do	La Salle College	Men.	R. C.	1867	12	20	0	200	0	200	0	228	0	4	0	4	0	4	0	0	0	0	0
Do	Lebanon Theological Seminary	Men.	Luth.	1864	4	9	0	192	0	192	0	65	0	8	0	8	0	8	0	2	0	2	0
Do	Philadelphia College of Pharmacy	Coed	Nonsect.	1821	16	16	0	392	28	392	28	392	28	112	1	112	1	112	1	23	2	23	2
Do	St. Joseph's College	Men.	R. C.		35	44	0	475	0	475	0	512	0	9	0	9	0	9	0	0	0	0	0
Do	Temple University	Coed	Nonsect.	1884	14	222	99	394	170	394	170	2,438	2,137	16	17	16	17	16	17	189	33	2	2
	Preparatory				24	9		292	278	292	278	292	278	16	17	16	17	16	17	16	17	16	17
	Arts and sciences				103	63		965	1,293	965	1,293	965	1,293	1	0	1	0	1	0	1	0	1	0
	Chemical engineering				26	29		66	342	66	342	66	342	4	0	4	0	4	0	1	0	1	0
	Education				16	0		115	7	115	7	115	7	4	0	4	0	4	0	1	0	1	0
	Theology				102	0		123	20	123	20	123	20	29	2	29	2	29	2	19	3	19	3
	Medicine				26	0		88	7	88	7	88	7	88	1	88	1	88	1	1	0	1	0
	Dentistry				21	0		133	23	133	23	133	23	35	10	35	10	35	10	1	0	1	0
	Pharmacy				11	4		65	121	65	121	65	121	0	0	65	121	65	121	0	0	65	121
Do	University of Pennsylvania	Coed	Nonsect.	1740	157	660	1	900	1,313	900	1,313	5,303	1,867	65	22	65	22	65	22	601	75	71	26
	Arts and sciences				157	0		498	180	498	180	498	180	9	0	9	0	9	0	9	0	9	0
	Graduate				154	0		122	0	122	0	122	0	19	0	19	0	19	0	19	0	19	0
	Chemical engineering				84	0		70	0	70	0	70	0	13	0	13	0	13	0	21	0	21	0
	Civil engineering				78	0		106	0	106	0	106	0	29	0	29	0	29	0	44	4	44	4
	Electrical engineering				102	0		2,001	29	2,001	29	2,001	29	69	0	69	0	69	0	69	0	69	0
	Mechanical engineering				27	0		62	2	62	2	62	2	22	0	22	0	22	0	22	0	22	0
	Architecture				202	0		482	16	482	16	482	16	114	2	114	2	114	2	37	0	37	0
	Commerce				89	1		686	12	686	12	686	12	218	5	218	5	218	5	218	5	218	5
	Education							700	0	700	0	700	0	0	0	0	0	0	0	0	0	0	0
	Law																						
	Medicine																						
	Veterinary medicine																						
	Dentistry																						
	Military drill																						
Do	Woman's Medical College of Pennsylvania	Women	Nonsect.	1890	18	43	18	43	0	47	0	47	0	0	8	0	8	0	8	0	8	0	8
	Medicine																						

1 Towns Scientific School

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location	Institution	For men, for women, or coeducational	Control	Year of first opening	Professors and instructors		Students		Total first degrees		Graduates		Honorary degrees								
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PENNSYLVANIA—continued. Pittsburgh	Carnegie Institute of Technology	Coed	Nonssect.	1905	184	34	2,388	548	3,394	974			52	45			4	0			
	Normal school				184	34	475	33			3	45									
	Graduate						8	0													
	General engineering						72	0					8	0							
	Chemical engineering						46	0					10	0							
	Civil engineering						75	0					11	0							
	Electrical engineering						91	0					9	0							
	Mechanical engineering						28	0					4	0							
	Mining engineering						22	0					4	0							
	Metallurgical engineering						75	0					1	0							
	Commercial engineering						82	0					1	0							
	Sanitary engineering						50	0					2	0							
	Architecture						50	0					2	0							
	Administration						1,000	0					5	0							
	Military drill						0	100					0	24							
Pennington College for Women		Women	Nonssect.	1870	6	10	0	160	0	166	0	24									
Arts and sciences							0	2				0	2								
Graduate							0	23				0	25								
Special							0	2				0	25								
Pittsburgh Theological Seminary		Men	U. P.	1825	2	2	0	23	61	0	61	0	25	0							
Theology							7	0				8	0								
Reformed Presbyterian Theological Seminary		Men	Presb.	1850	7	0	61	0	8	0											
Theology							3	0				8	0								
University of Pittsburgh		Coed	Nonssect.	1786	130	34	443	338	2,388	1,204	47	81	277	188			6	2	15		
Arts and sciences							89	56													
Graduate																					



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PENNSYLVANIA—continued.																					
State College	Pennsylvania State College—Continued.				71	0			(4,600)												
	Extension courses.								(5,500)												
	Correspondence courses.								1,214	0											
	Military drill.								204	282	204	282	25	59	35	59	0	3			4
Swarthmore	Swarthmore College	Coed.	Nonsect.	1869	14	30			20	3											
	Graduate.								25	0											
	Arts and sciences.								22	0											
	General engineering.				3	0			12	1											
	Chemical engineering.				1	0			12	1											
	Civil engineering.				1	0			12	1											
	Electrical engineering.				2	0			28	0											
	Mechanical engineering.				1	0			0	4											
	Education.				0	1			0	10											
	Home economics.				0	1			0	10											
Villanova	Villanova College	Men.	R. C.						120	6	308	0			22	0			10	0	3
	Preparatory.				3	0			138	0											
	Arts and sciences.								36	0											
	Civil engineering.								12	0											
	Electrical engineering.								50	0											
	Mechanical engineering.				7	0			125	0											
	Theology.				5	0			17	0											
	Extension courses.								254	0	254	0			43	0			2	0	
	Military drill.								8	2											
Washington	Washington and Jefferson College	Men.	Nonsect.		17	0			254	0	254	0			43	0			2	0	
	Arts and sciences.								44	62	58	143	8	13	8	13	1	3			
Waynesburg	Waynesburg College	Coed.			8	2			44	62	58	143	8	13	8	13	1	3			
	Arts and sciences.				0	4			14	81											

State	Institution	Coed	Men	Women	Total	Faculty	Students	Library	Buildings	Other
PUERTO RICO. San Juan	University of Puerto Rico		25	8	28	114	3	206	257	0
	Preparatory		68	23	91	0	0	0	0	0
	Special		34	0	34	0	0	0	0	0
	General engineering		6	1	7	0	0	0	0	0
	Civil engineering		1	0	1	0	0	0	0	0
	Electrical engineering		3	0	3	0	0	0	0	0
	Mechanical engineering		12	0	12	0	0	0	0	0
	Sugar engineering		20	0	20	0	0	0	0	0
	Agriculture		0	3	3	0	0	0	0	0
	Home economics		5	3	8	0	0	0	0	0
RHODE ISLAND. Kingston	Summer school (1917)		92	47	139	0	0	0	0	0
	Extension courses		175	0	175	0	0	0	0	0
	Military drill		0	0	0	0	0	0	0	0
	Rhode Island State College	Coed	21	7	28	194	47	194	40	14
	Arts and sciences		0	2	2	0	0	0	0	0
	Graduate		48	0	48	0	0	0	0	0
	Chemical engineering		18	0	18	0	0	0	0	0
	Civil engineering		9	0	9	0	0	0	0	0
	Electrical engineering		13	0	13	0	0	0	0	0
	Mechanical engineering		23	0	23	0	0	0	0	0
PROVIDENCE	Mechanical engineering		46	0	46	0	0	0	0	0
	Agriculture		0	6	6	0	0	0	0	0
	Home economics		190	0	190	0	0	0	0	0
	Military drill		578	225	803	0	0	0	0	0
	Arts and sciences		34	15	49	0	0	0	0	0
	Graduate		105	0	105	0	0	0	0	0
	Special		0	0	0	0	0	0	0	0
	Engineering		0	0	0	0	0	0	0	0
	Extension courses		0	0	0	0	0	0	0	0
	Other		0	0	0	0	0	0	0	0
SOUTH CAROLINA. Anderson	Brown University	Coed	55	3	58	578	225	803	0	0
	Arts and sciences		0	0	0	0	0	0	0	0
	Graduate		0	0	0	0	0	0	0	0
	Special		0	0	0	0	0	0	0	0
	Engineering		0	0	0	0	0	0	0	0
	Extension courses		0	0	0	0	0	0	0	0
	Other		0	0	0	0	0	0	0	0
	Anderson College	Women	6	15	21	0	0	0	0	0
	Preparatory		0	0	0	0	0	0	0	0
	Arts and sciences		0	0	0	0	0	0	0	0
CHARLESTON	Special		1	10	11	0	0	0	0	0
	Summer school (1917)		10	12	22	0	0	0	0	0
	College of Charleston	Men	1790	0	1790	61	0	61	0	8
	Arts and sciences		0	0	0	0	0	0	0	0
	Military drill		0	0	0	0	0	0	0	0
	Arts and sciences		0	0	0	0	0	0	0	0
	Military drill		0	0	0	0	0	0	0	0
	Carolina		0	0	0	0	0	0	0	0
	The Citadel, the Military College of South Carolina	Men	1842	0	1842	350	0	350	0	28
	Arts and sciences		0	0	0	0	0	0	0	0
Military drill		0	0	0	0	0	0	0	0	



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location	Institution	For men, for women, coeducational	Control	Year of first opening	Professors and instructors		Students		Total students		First degree		Total first degree		Total graduate degrees		Honorary degrees					
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
South Carolina—continued.																						
Clemson College	Clemson Agricultural College	Men	State	1893	68	0	68	0	77	0	804	0	1	0	110	0						
	Graduate								8													
	Special								40													
	General engineering				7	0			218													
	Civil engineering				2	0			18													
	Mechanical engineering				4	0			62													
	Textile engineering				3	0			13													
	Agriculture				25	0			466													
	Architecture				2	0			9													
	Military drill				2	0			9													
Clinton	Presbyterian College of South Carolina	Coed	Presb.	1880	10	0	10	0	107	20	107	20	14	3	14	3					2	
College Place	Arts and sciences	Women	Meth.		0	2	0	5	0	163	0	243	0	0	0	0						
	Preparatory				5	12			0	102												
	Arts and sciences								0	8												
	Special								0	9												
	Commerce								0	18												
	Music								0	18												
	Home economics								0	18												
Columbia	Benedict College (colored)	Coed	Bapt.	1871	6	5	6	5	70	122	106	141	0	8	11	2					3	
	Preparatory								36	19	20	0										
	Arts and sciences				6	6	3	0	20	0	20	0										
Do.	Southern Lutheran Theological Seminary	Men	Luth.	1828	0	0	0	0	0	0	0	0										
	Theology																					
Do.	University of South Carolina	Coed	State	1805	28	0	32	0	171	18	313	64	30	2	47	4					7	
	Arts and sciences				5	0			20	11	20	11										
	Graduate								26	23												
	Special				2	0			14		4											
	Civil engineering																					



Location	Institution	Year	Religion	Gender	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900
Dine West	Education				4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Law				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Summer school (1917)				13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Military drill				8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Erskine College		A. R. P.		1837	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences				1852	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Furman University		Rept.		1873	0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences					0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	Women		M. E. So			0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	Greenwood	Preparatory				0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0
Hartsville	Arts and sciences				0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Special				0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Examination				0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Home economics				0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fine Arts				0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Women				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Colzer College				1866	6	14	15	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences					6	14	15	0	0	0	0	0	0	0	0	0	0	0	0	0
	Newberry College				1866	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Preparatory					1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arts and sciences					14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Graduate					14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Military drill					11	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Converse College				1880	11	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Arts and sciences					11	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Women					11	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Graduate					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Special					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Wofford College				1884	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Preparatory					6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Arts and sciences					11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Military drill					11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTH DAKOTA	Brookings	South Dakota State College of Agriculture and Mechanic Arts			1884	43	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Preparatory				8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Secondary school of agriculture				30	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arts and sciences				25	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Graduate				3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Special				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Civil engineering				4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Electrical engineering				1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mechanical engineering				4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Agriculture				16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commerce				1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Home economics				0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fine arts				0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Music				0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pharmacy				0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Summer school (1917)				22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Special winter course				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Military drill				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location	Institution	For men, women, or coeducational	Control	Year of first opening	Professors and instructors		Total professors and instructors		Students		Total students		First degree		Total first degree		Total graduate degrees		Honorary degrees	
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
SOUTH DAKOTA—continued	Hansen College	Coed	Presb.	1883	3	3	13	7	19	25	96	237	4	10					1	
	Preparatory				10	4			50	62			4	10						
	Arts and sciences								19	101										
	Special								13	69										
	Music								19	132			7	13						
	Summer school (1917)								23	61										
	Dakota Wesleyan University	Coed	M. E.	1885	2	4	13	11	89	120	90	200	7	13						
	Preparatory					1	3			90	200									
	Arts and sciences					4	4			11	67									
	Music					3	1			10	80									
Rapid City	South Dakota State School of Mines	Coed	State	1886	2	1	11	1	30	1	89	16			6	0			1	
	Preparatory								16	12										
	Special								43	3										
	Mining Engineering																			
	St. Pauls College	Coed	Bapt.	1883	9	0	10	6	27	28	75	120	5	0	4	4			2	
	Preparatory								27	22										
	Arts and sciences								30	75			4	4						
	Music								30	75										
	University of South Dakota	Coed	State	1882	30	11	37	14	67	183	228	276	4	22	23	22	4	2		1
	Arts and sciences								16	22										
Graduate					3	0			39	0										
Special					1	0			11	0										
General engineering					3	0			16	22										
Telegraphy					1	0			11	0										
Music					3	0			11	0										

City	Institution	Year	Religion	Men	Women	Faculty	Students	Buildings	Land	Value	Other
Yankton	Law			4	0	37	2				
	Medicine			0	0	51	2				
	Summer school (1917)			11	3	34	88				
	Extension courses			5	4	58	150				
	Continuance courses			7	3	24	70				
	Yankton College	1881	Nonsect.	9	19	13	51	80	280		
	Preparatory			4	16	45	96				
	Arts and sciences			0	2	8	40				
	Graduate			1	4	18	100				
	Misc.			5	10	30	118				
Bristol	King College	1890	Presb.	7	0	10	0	70	0		3
	Preparatory			1	0	10	0				
	Arts and sciences			6	0	60	0				
	Military drill			0	0	0	0				
	Southwestern Presbyterian University	1878	Presb.	9	1	65	0	150	10	0	2
	Arts and sciences			9	1	154	16				
	Military drill			0	0	126	0				
	Tusculum College	1794	Nonsect.	9	9	53	78				
	Preparatory			3	2	37	22				
	Arts and sciences			0	2	0	43				
Hicksville	Home economics			1	2	6	40				
	Music			0	0	0	0				
	Military drill			0	0	0	0				
	Lincoln Memorial University	1897	Nonsect.	14	11	70	0	202	174		2
	Preparatory			5	3	100	76				
	Arts and sciences			2	4	11	20				
	Special			2	2	70	38				
	Agriculture			1	0	7	0				
	Music			1	2	14	40				
	Summer school (1917)			6	2	60	40				
Jackson	Memphis Conservatory Female Institute	1840	M. E. So.	3	16	0	0	0	130		
	Preparatory			1	3	0	24				
	Arts and sciences			6	8	0	48				
	Special			0	1	0	20				
	Commerce			0	1	0	12				
	Home economics			0	1	0	48				
	Music			0	6	0	0				
	Carman and Newman College	1881	Bapt.	7	0	46	31	84	22		6
	Preparatory			7	0	36	24				
	Arts and sciences			0	0	12	20				
Education			0	0	0	27					
Home economics			0	0	0	25					
Fine arts			0	0	0	35					
Music			0	0	0	0					

1 Junior college.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location	Institution	For mem. for women, or coeducational.	Control	Year of first opening	Professors and instructors		Students		Total first de-grees		Graduate de-grees		Total gradu-ate de-grees		Honorary degrees			
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women				
Tennessee—contd.	Knoxville	8	4	8	6	7	8	9	10	11	12	13	14	15	16	17		
		Univ. of Tennessee	31	8	1794	220	16	111	239	11	27	64	28	0	1	1	1	
		Graduate	23	2				7	3					0	1			
		General engineering						16	0					3	0			
		Chemical engineering						15	0					3	0			
		Electrical engineering						13	0					3	0			
		Mechanical engineering						6	0					4	0			
		Agriculture						160	1									
		Commerce						14	0									
		Education						0	2									
		Home economics						0	5									
		Law						9	0									
		Medicine						118	0									
		Dentistry						29	0									
		Pharmacy						13	1									
		Summer school (1917)						34	27									
		Short winter course																
Correspondence courses																		
Camden University																		
Lebanon	Preparatory			1843	3	3	17	8	14	23	77	0	0	0	0	0		
	Arts and science				9	4			35	22			11	4				
	Graduate								2	0								
	Home economics								16	32								
	Music								10	10								
	Law								10	32								
	Military drill								72	4								
									4	0								
									90	0								
									60	4								



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degree.		Total first degree.		Graduate degree.		Total graduate degree.		Honorary degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
Texas—cont.	Rusk-Cave College—Continued.																					
	Education.....				1	1	1	1	20	25	12	12	14	14	16	16	17	17	19	19	21	21
	Home sciences.....				0	1	1	1	0	11	11	11	11	11	11	11	11	11	11	11	11	11
	Fine arts.....				0	1	1	1	3	18	18	18	18	18	18	18	18	18	18	18	18	18
	Music.....				0	1	1	1	16	68	68	68	68	68	68	68	68	68	68	68	68	68
	Oratory.....				0	1	1	1	18	18	18	18	18	18	18	18	18	18	18	18	18	18
	Theology.....				3	1	4	4	21	18	18	18	18	18	18	18	18	18	18	18	18	18
	Military drill.....				0	3	3	3	21	18	18	18	18	18	18	18	18	18	18	18	18	18
	University of the South.....	Men.	P. E.	1898	27	0	27	27	78	0	78	78	78	78	78	78	78	78	78	78	78	78
	Arts and sciences.....	Men.	P. E.	1898	20	0	20	20	146	0	146	146	146	146	146	146	146	146	146	146	146	146
	Graduate.....	Men.	P. E.	1898	8	0	8	8	15	0	15	15	15	15	15	15	15	15	15	15	15	15
	Theology.....	Men.	P. E.	1898	2	0	2	2	13	0	13	13	13	13	13	13	13	13	13	13	13	13
	Summer school (1917).....	Men.	P. E.	1898	2	0	2	2	9	0	9	9	9	9	9	9	9	9	9	9	9	9
	Washington College.....	Coed.	Nonsect.	1794	3	2	5	5	41	42	83	83	83	83	83	83	83	83	83	83	83	83
	Preparatory.....	Coed.	Nonsect.	1794	3	2	5	5	12	24	36	36	36	36	36	36	36	36	36	36	36	36
	Arts and sciences.....	Coed.	Nonsect.	1794	0	1	1	1	16	10	26	26	26	26	26	26	26	26	26	26	26	26
	Special.....	Coed.	Nonsect.	1794	1	0	1	1	16	10	26	26	26	26	26	26	26	26	26	26	26	26
	Agriculture.....	Coed.	Nonsect.	1794	0	2	2	2	12	14	26	26	26	26	26	26	26	26	26	26	26	26
	Music.....	Coed.	Nonsect.	1794	0	2	2	2	12	14	26	26	26	26	26	26	26	26	26	26	26	26
Texas	Austin Presbyterian Theological Seminary.....	Coed.	Presb.	1902	4	0	4	4	11	21	32	32	32	32	32	32	32	32	32	32	32	32
	Theology.....	Coed.	Presb.	1902	4	0	4	4	11	21	32	32	32	32	32	32	32	32	32	32	32	32
	University of Texas.....	Coed.	State.	1883	83	21	104	104	675	871	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546
	Arts and sciences.....	Coed.	State.	1883	83	21	104	104	675	871	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546
	Graduate.....	Coed.	State.	1883	83	21	104	104	675	871	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546	1,546
	Chemical engineering.....	Coed.	State.	1883	2	0	2	2	38	27	65	65	65	65	65	65	65	65	65	65	65	65
	Civil engineering.....	Coed.	State.	1883	2	0	2	2	23	0	23	23	23	23	23	23	23	23	23	23	23	23
	Electrical engineering.....	Coed.	State.	1883	2	0	2	2	42	0	42	42	42	42	42	42	42	42	42	42	42	42

Mechanical engineering.....	0	19	11	0	0	1	4	1	0				
Architecture.....	2	21	11	0	0	0	0	0	0				
Commerce.....	3	134	42	0	0	0	0	0	0				
Journalism.....	2	13	23	0	0	0	0	0	0				
Education.....	4	64	369	0	0	0	0	0	0				
Home economics.....	0	0	0	0	0	5	0	5	0				
Music.....	1	0	0	0	0	0	0	0	0				
Medicine.....	0	140	12	0	0	3	26	3	0				
Pharmacy.....	30	107	12	0	0	1	39	1	0				
Summer school (1917).....	2	41	89	0	0	2	21	2	0				
Baylor Female College.....		473	89	10	36		0	16					
Preparatory.....	1	0	377	0	0	0	0	0	0				
Arts and sciences.....	6	0	269	0	0	10	0	10	0				
Special.....	3	0	100	0	223								
Summer school (1917).....	12	0	0	0	0								
Correspondence courses.....	4	0	23	0	0								
Howard Payne College.....		0	0	141	208	3	8						
Preparatory.....	3	61	90	0	0								
Arts and sciences.....	7	55	95	0	0	8	0						
Special.....	3	26	33	0	0								
Summer school (1917).....	3	44	127	0	0								
Correspondence courses.....	3	2	0	0	11	165	151						
Clarendon College.....		115	110	0	11	0	0						
Preparatory.....	6	50	41	0	0								
Arts and sciences.....	6	0	40	0	30								
Education.....	0	0	0	0	0								
Home economics.....	0	10	115	0	0								
Music.....	107	0	0	0	0								
Agricultural and Mechanical College of Texas.....		0	0	0	0								
General engineering.....	39	0	0	0	0								
Chemical engineering.....	129	0	0	0	0								
Civil engineering.....	152	0	0	0	0								
Electrical engineering.....	69	0	0	0	0								
Mechanical engineering.....	16	0	0	0	0								
Textile engineering.....	7	0	0	0	0								
Structural engineering.....	0	0	0	0	0								
Science.....	38	0	0	0	0								
Agriculture.....	306	0	0	0	0								
Architecture.....	1	15	0	0	0								
Veterinary medicine.....	1	0	0	0	0								
Two-year courses in agriculture.....	273	0	0	0	0								
Summer school (1917).....	626	208	0	0	0								
Military drill.....		1,120	0	0	0								
Southern Methodist University.....		27	6	0	0	27	6	368	27	35	4	1	
Arts and sciences.....	20	6	0	0	0	240	162	339	27	35	4	1	
Graduate.....		0	6	0	0	0	0	0	0	0	0	0	
Thesology.....	7	0	0	0	0	2	4	2	2	0	1	1	
Military drill.....		0	0	0	0	0	0	0	0	0	0	0	0

1 Junior college.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.	
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
TEXAS—Contd.		Women.	State.																			
Denton.....	College of Industrial Arts.				2	1	14	86	0	116	0	1,247	0	0	96							
	Preparatory.....				11	65			0	888	0		0	51								
	Arts and sciences.....				0	18			0	245	0		0	45								
	Special.....				0	6			0	581	0		0									
	Home economics.....				0	6			0	40	0		0									
	Fine arts.....				1	8			0	30	0		0									
	Music.....				6	18			0	686	0		0									
	Summer school (1917).....			1905	10	9			212	138	212	138	10	0	10	0	10	0	10	0	10	0
	Southern Baptist Theological Seminary.....		Bapt.		5	0			98	40	108	30	0									
	Summer school (1917).....				5	0			105	30	105	30	0									
	Correspondence courses.....				27	16			44	21	44	21	8	19								
	Texas Christian University.....				2	3			172	156	172	156	0									
	Preparatory.....				14	2			0	25	0		0									
	Arts and sciences.....				0	5			7	102	7		0									
	Home economics.....				0	2			0	60	0		0									
	Fine arts.....				3	4			30	60	30		1	0								
	Music.....				3	0			17	0	17		0									
	Theology.....				5	0			17	0	17		5	0								
	Law.....				10	3			50	71	50		0									
	Summer school (1917).....			1891	0	1			0	133	0		0									
	Texas Woman's College.....	Women.	M. E. So.		6	6			0	250	0		0	17	14	14	14					
	Preparatory.....				6	6			0	250	0		0	17	14	14	14					
	Arts and sciences.....				13	3			137	165	315	196	0									
	Southwestern University.....		M. E. So.	1873	13	3			178	0	178	0	0									
	Arts and sciences.....				1	4			0	34	0		0									
	Special.....				28	0			178	0	178	0	0									
	Theology.....				9	1			75	74	75	74	0									
	Summer school (1917).....				11	1			44	64	44	64	0									
	Correspondence courses.....				11	1			44	64	44	64	0									



Location	Institution	Coed.	Nonsect.	1912	54	0	54	0	309	27	436	215	15	15	20	13	3	0
Houston	Rice Institute								309	27	436	215	15	15	20	13	3	0
	Arts and sciences								9	3								
	Graduate								13	7								
	Special								19	0			1	0				
	Chemical engineering								0	0			2	0				
	Civil engineering								5	0			2	0				
	Electrical engineering								10	0			2	0				
	Mechanical engineering								14	3								
	Architecture								15	14			50	81				
	Preparatory								12	11								
Tulsa	Westminster College	Coed.	M. Prot.	1896	2	3	8	5	15	14								
	Arts and sciences				3	2			5	6								
	Preparatory				2	0			2	36								
	Arts and sciences				1	0			16	14								
	Preparatory				3	3			45	15								
	Arts and sciences				13	0			13	0								
	Preparatory				8	0			25	0								
	Arts and sciences				8	0			50	0								
	Preparatory				8	0			23	0								
	Arts and sciences								73	0								
Thorpe Springs	Thorpe Springs Christian College	Coed.	Chris.		3	3			43	57								
	Preparatory				3	3			28	40								
	Arts and sciences				0	2			21	34								
	Special								0	20								
	Arts and sciences								0	14								
	Preparatory								0	21								
	Arts and sciences								279	335								
	Preparatory				18	1	24	8	36	85								
	Arts and sciences				6	4			241	28								
	Special				2	1			46	4								
Waco	Rayzor University	Coed.	Bapt.	1945	21	3			292	410								
	Arts and sciences								2	31								
	Preparatory								277	0								
	Arts and sciences								41	29								
	Preparatory				16	2	36	8	279	110								
	Arts and sciences				8	0			69	0								
	Special				11	0			121	0								
	Agricultural engineering								70	21								
	Agriculture								0	140								
	Commerce								52	0								
Logan	Agricultural College of Utah	Coed.	State	1860	16	2			45	151								
	General sciences								201	196								
	Special								536	300								
	Agricultural engineering								10	1								
	Agriculture								6	0								
	Commerce								19	0								
	Home economics								2	0								
	Veterinary science								0	17								
	Preparatory								45	151								
	Arts and sciences								201	196								

Junior college.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total first degree.		Graduate degrees.		Total graduate degrees.		Honorary degrees.					
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.						
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
UTAH—continued.																						
Salt Lake City	University of Utah	Coed	State	1880	13	5	97	27	33	32	607	516	13	17	51	60	5	2	5	2		
	Preparatory				68	11			137	192												
	Arts and sciences				12	0			147	0												
	General engineering				3	0			2	0												
	Chemical engineering				3	0			3	0												
	Civil engineering				3	0			4	0												
	Electrical engineering				4	0			2	0												
	Mechanical engineering				4	0			2	0												
	Mineral engineering				15	1			68	24												
	Metallurgical engineering				15	1			33	32												
	Chemistry				21	10			49	0												
	Education				11	0			94	1												
	Law				13	0			81	427												
	Medicine				34	4			534	1,016												
	Summer school (1917)								565	0												
	Extension courses																					
	Military drill																					
VERMONT.																						
Burlington	University of Vermont and State Agricultural College	Coed	State	1900			100	4			404	187			53	30			1	0	1	
	Arts and sciences				33	1			171	134												
	Graduate								2	2												
	Chemistry				6	0			23	0												
	Civil engineering				4	0			19	0												
	Electrical engineering				3	0			22	0												
	Mechanical engineering				13	0			60	0												
	Agriculture																					
	Home economics								0	45												

State	Institution	Year	Coed.	Men	Women	Preparatory	Summer school	Military drill	Arts and sciences	Medicine	Law	Theology	Other	Total
MIDDLEBURY	Medicine								105					105
	Summer school (1917)								30					30
	Short winter course								18					18
	Military drill								220					220
	Middlebury College	1900		27	3				135	152	15	37		377
	Arts and sciences								0					0
	Graduate								32					32
	Summer school (1917)								174					174
	Military drill								400					400
	Arts and sciences								0					0
NORTHAMPTON	Military drill								81					81
	Arts and sciences								69					69
	Civil engineering								41					41
	Theology								191					191
WISCONSIN	St. Michael's College								0					0
	Preparatory								87					87
	Arts and sciences								0					0
VIRGINIA	Special								10					10
	Misc.								2					2
	Theology								10					10
	Misc.								11					11
	Preparatory								0					0
	Arts and sciences								0					0
	Misc.								0					0
	Theology								0					0
	Misc.								0					0
	Preparatory								0					0
VIRGINIA	Arts and sciences								145	0				145
	Arts and sciences								0	10				10
	Arts and sciences								527	0	35			562
	Graduate								38					38
	Chemical engineering								8					8
	Civil engineering								24					24
	Electrical engineering								43					43
	Mechanical engineering								119					119
	Mining engineering								17					17
	Agriculture								113					113
BLACKSTONE	Summer school (1917)								35					35
	Short winter course								22					22
	Military drill								52					52
	Blackstone College for Girls								0					0
	Preparatory								0	289				289
	Arts and sciences								0					0
	Misc.								0					0
	Special								0					0
	Misc.								0					0
	Preparatory								0					0
BRIDGEWATER	Preparatory								0					0
	Arts and sciences								0					0
	Arts and sciences								0					0
	Preparatory								0					0
	Arts and sciences								0					0
	Preparatory								0					0
	Arts and sciences								0					0
	Preparatory								0					0
	Arts and sciences								0					0
	Misc.								0					0

Number colleges.



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location	Institution	For men, for women, or coeducational	Control	Year of first opening	Professors and instructors		Total professors and instructors		Students		Total students		First degrees		Total first degrees		Graduate degrees		Total graduate degrees		Honorary degrees							
					Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women				
VIRGINIA—contd.	Bristol	Women	Bapt.	1853	0	3	0	22	0	75	0	302																
					3	19	14	83																				
							42	42																				
							5	4																				
							4	3																				
							3	1																				
							1	1																				
							1	1																				
							1	1																				
							1	1																				
Do.	Virginia Innersmost College	Women	Bapt.	1853	0	6	0	1	0	91	0	215																
					1	8	0	64																				
					0	10	0	30																				
							0	31																				
							0	23																				
							0	127																				
							42	0	42	0	482	0	482	0	780	0	780	0	49	0	49	0	6	0	6	0	5	0
							28	0	28	0	16	0	16	0	18	0	18	0	4	0	4	0	0	0	0	0	0	0
							5	0	5	0	18	0	18	0	33	0	33	0	6	0	6	0	0	0	0	0	0	0
							4	0	4	0	14	0	14	0	14	0	14	0	12	0	12	0	0	0	0	0	0	0
		6	0	6	0	100	0	100	0	101	0	101	0	22	0	22	0	0	0	0	0	0	0					
		23	0	23	0	450	0	450	0	63	39	63	39	0	0	0	0	0	0	0	0	0	0					
Charlottesville	University of Virginia	Men	State	1825	6	2	10	2	42	25	63	39	42	25	63	39	42	25	63	39	42	25	63	39				
					3	1	3	1	15	10	15	10	15	10	15	10	15	10	15	10	15	10	15	10	15	10		
					0	1	0	1	0	9	0	9	0	9	0	9	0	0	0	0	0	0	0	0	0	0	0	
					1	1	2	17	1	2	17	2	17	2	17	2	17	2	17	2	17	2	17	2	17	2	17	
Danville	Davetta College	Women	Breth.	1853	0	1	0	1	0	10	17	0	17	0	17	0	17	0	17	0	17	0	17	0				
					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		

University/College	Year	Disc.	Men	Women	Coed	Prep	Arts and sciences	Engineering	Business	Law	Medicine	Education	Home economics	Music	Military drill	Total
Preparatory	1838	0	5	0	0	0	0	0	0	0	0	0	0	0	0	40
Emory and Henry College	1838	1	8	0	0	0	28	0	0	0	0	0	0	0	0	28
Hampton-Sidney College	1838	4	0	13	0	28	0	0	0	0	0	0	0	0	0	28
Hampton-Sidney College	1838	9	0	0	0	145	0	0	0	0	0	0	0	0	0	145
Hampton-Sidney College	1838	5	0	8	0	87	0	0	0	0	0	0	0	0	0	87
Hollins Institute	1842	0	5	10	17	0	59	0	0	0	0	0	0	0	0	59
Preparatory	1858	7	6	0	0	122	0	0	0	0	0	0	0	0	0	122
Virginia Military Institute	1858	3	6	28	0	0	89	0	0	0	0	0	0	0	0	89
Virginia Military Institute	1858	3	0	0	0	42	0	0	0	0	0	0	0	0	0	42
Virginia Military Institute	1858	16	6	0	0	442	0	0	0	0	0	0	0	0	0	442
Virginia Military Institute	1858	3	0	0	0	41	0	0	0	0	0	0	0	0	0	41
Virginia Military Institute	1858	4	0	0	0	27	0	0	0	0	0	0	0	0	0	27
Virginia Military Institute	1858	2	0	0	0	27	0	0	0	0	0	0	0	0	0	27
Washington and Lee University	1749	27	0	30	0	237	0	0	0	0	0	0	0	0	0	237
Washington and Lee University	1749	4	0	0	0	51	0	0	0	0	0	0	0	0	0	51
Washington and Lee University	1749	3	0	0	0	70	0	0	0	0	0	0	0	0	0	70
Washington and Lee University	1749	8	0	0	0	151	0	0	0	0	0	0	0	0	0	151
Randolph-Macon Woman's College	1838	10	23	16	22	0	603	0	0	0	0	0	0	0	0	603
Randolph-Macon Woman's College	1838	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
Randolph-Macon Woman's College	1838	1	3	8	6	33	21	0	0	0	0	0	0	0	0	61
Virginia Christian College	Disc.	1	0	27	0	28	27	0	0	0	0	0	0	0	0	61
Virginia Christian College	Disc.	0	0	2	0	7	20	0	0	0	0	0	0	0	0	27
Virginia Christian College	Disc.	0	0	1	0	1	3	0	0	0	0	0	0	0	0	4
Virginia Christian College	Disc.	1	1	1	0	0	24	0	0	0	0	0	0	0	0	26
Virginia Theological Seminary and College	1908	16	5	16	5	0	110	144	0	0	0	0	0	0	0	110
Virginia Theological Seminary and College	1908	7	2	0	0	90	144	0	0	0	0	0	0	0	0	90
Virginia Theological Seminary and College	1908	0	2	0	0	20	60	0	0	0	0	0	0	0	0	60
Virginia Theological Seminary and College	1908	4	0	0	0	66	0	0	0	0	0	0	0	0	0	66
Eastern College	1900	3	3	10	11	110	0	91	112	0	0	0	0	0	0	110
Eastern College	1900	3	3	3	3	35	34	0	0	0	0	0	0	0	0	35
Eastern College	1900	4	0	0	0	48	39	0	0	0	0	0	0	0	0	48
Eastern College	1900	1	0	0	0	12	13	0	0	0	0	0	0	0	0	12
Eastern College	1900	0	2	0	0	0	10	0	0	0	0	0	0	0	0	10
Eastern College	1900	2	1	1	1	7	36	0	0	0	0	0	0	0	0	36
Eastern College	1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1 Junior college.

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
VIRGINIA—contd.																					
Marion.	Marion College.	Women			0	6		0	15	0	73	0	153								
	Preparatory				0	6		0	15	0	73	0	153								
	Arts and sciences				0	6		0	15	0	73	0	153								
	Special				0	4		0	55	0	23	0	23								
	Home economics				0	4		0	55	0	23	0	23								
Richmond	Medical College of Virginia.	Men	State.	1838	108	1		132	1	139	0	276	3	43	0	76	0				
	Medicine				108	1		132	1	139	0	276	3	43	0	76	0				
	Dentistry				7	0		0	0	93	0	93	0	12	0	0					
	Pharmacy				7	0		0	0	93	0	93	0	12	0	0					
Do.	Richmond College.	Coed.	Bapt.		20	8		24	8	231	66	297	66	31	0	36	0				
	Arts and sciences				20	8		24	8	231	66	297	66	31	0	36	0				
	Law				4	0		4	0	24	0	24	0	5	0	0					
	Military drill				4	0		4	0	24	0	24	0	5	0	0					
Do.	Union Theological Seminary.	Men	Presb.	1812	8	0		8	0	72	0	72	0	21	0	21	0				
	Theology				8	0		8	0	72	0	72	0	21	0	21	0				
	Correspondence courses									18	0	18	0	0	0	0					
Do.	Virginia Union University (colored).	Men	Bapt.	1865	3	3		10	3	199	0	315	0	7	0	16	0				
	Preparatory				3	3		10	3	199	0	315	0	7	0	16	0				
	Arts and sciences				6	0		6	0	67	0	67	0	0	0	0					
	Graduate				1	0		1	0	2	0	2	0	0	0	0					
	Business				4	0		4	0	47	0	47	0	3	0	3	0				
	Summer school (1917)				4	0		4	0	47	0	47	0	3	0	3	0				
Salem.	Elizabeth College.	Women	Luth.		0	3		2	12	17	130	0	90	0	10	0					
	Preparatory				0	3		2	12	17	130	0	90	0	10	0					
	Arts and sciences				2	4		4	4	0	44	0	44	0	10	0					
	Special				0	5		0	5	0	76	0	76	0	10	0					
	Home economics				0	5		0	5	0	76	0	76	0	10	0					
	Music				0	0		0	0	0	54	0	54	0	0	0					

Institution	City	Coed	Men	Women	Total	1843	1906	1923	1930	1937	1944	Enrollment																	
												1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955							
Randolph College	Roanoke		Men	Women									136	0	17	0	17	0	17	0	17	0	17	0	17	0	17	0	
Sweet Briar College	Sweet Briar		Women										0	249	0	18													
Protestant Episcopal Theological Seminary	Washington		Men										39	0	8	0	8	0	8	0	8	0	8	0	8	0	8	0	
College of William and Mary	Williamsburg		Men										140	0	8	0	10	0	10	0	10	0	10	0	10	0	10	0	
State College of Washington	Pullman	Coed											783	640		72	80		72	80		72	80		72	80		72	80
Preparatory													127	121															
Arts and sciences													123	173															
Special													2	1															
Chemical engineering													80	64															
Civil engineering													13	0															
Electrical engineering													23	0															
Mechanical engineering													43	0															
Mining engineering													41	0															
Hydro-electrical engineering													22	0															
Agriculture													218	4															
Architecture													2	1															
Education													12	2															
Home economics													10	0															
Music													64	0															
Veterinary													9	0															
Pharmacy													26	0															
Summer school (1917)													121	233															
Short winter course													200	34															
Extension courses													273	515															
Correspondence courses													0	40															
Military drill													500	0															
University of Washington	Seattle	Coed											1,247	1,550		79	206		79	206		79	206		79	206		79	206
Arts and sciences													594	1,076															
Graduate													54	62															
Chemical engineering													80	0															
Civil engineering													33	0															
Electrical engineering													53	0															
Mechanical engineering													146	0															
Mining engineering													93	0															
Forestry													56	0															
Commerce													45	1															
Journalism													0	3															
													72	62															

1 Junior college.



TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917—Continued.

Location.	Institution.	For men, women, coeducational.	Control.	Year of first opening.	Pro-fessors and instructors.		Total pro-fessors and instructors.		Students.		Total students.		First de-grees.		Total first de-grees.		Gradu-ate de-grees.		Total gradu-ate de-grees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
1		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Seattle	University of Washington—Continued.																				
	Education				32	3			25	104											
	Library school				4	2			0	43											
	Home economics				36	11			0	200											
	Fine arts				24	6			19	174											
	Music				8	0			0	109				0	18						
	Pharmacy				22	0			46	8				5	1						
	Summer school (1917)				91	12			34	19				5	0						
	Extension courses				12	2			277	608				5	0						
	Correspondence courses				13	2			214	278											
	Military drill				6	2			28	137											
Spokane	Georgia University	Men.	R. C.	1867	14	0	26	0	300	0	300	0	14	0							
	Preparatory				7	0			328	0				7	0						
	Arts and sciences				5	0			31	0				7	0						
	Law								368	0											
	Military drill									0											
Walla Walla	Whitman College	Coed.	Nonsect.	1866	16	7	18	12	81	144	98	151	4	19	4	19					1
	Arts and sciences								6	2											
	Graduate				2	5	8		12	6											
	Special								98	0											
	Military drill									0											
Warbonnet	Morris Harvey College	Coed.	M. E. Ro.		3	0	4	7	75	65	85	65									
	Preparatory				1	1			10	0	10	0									
	Arts and sciences								19	15	187	251	11	15							
Washington	West Virginia Wesleyan College	Coed.	M. E.	1860	1	0			23	34											
	Preparatory																				



UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

551

State	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
Illinois	13	2	4	6	8	9	10	11	12	13	14	15	16	17	18	19	20
Massachusetts	2	0	2	5	5	6	8	10	10	10	10	10	10	10	10	10	10
West Virginia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Wisconsin	31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Lawrence College	1840	1840	1840	1840	1840	1840	1840	1840	1840	1840	1840	1840	1840	1840	1840	1840	1840
Arts and sciences	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
Special	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Bedford College	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847
Arts and sciences	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
University of Wisconsin	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848
Arts and sciences	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330
Graduate	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
Special	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
Chemical engineering	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
Civil engineering	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
Mechanical engineering	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
Mining engineering	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Agriculture	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279
Commerce	486	486	486	486	486	486	486	486	486	486	486	486	486	486	486	486	486
Journalism	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Education	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81
Home economics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Library school	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7

TABLE 27.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Location.	Institution.	For men, for women, or coeducational.	Control.	Year of first opening.	Professors and instructors.		Total professors and instructors.		Students.		Total students.		First degrees.		Total first degrees.		Graduate degrees.		Total graduate degrees.		Honorary degrees.
					Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
Wisconsin—chhd.	University of Wisconsin—Continued.																				
Medicine	Medicine				8	0	8	0	78	4	82	15	0	15	0	0	0	0	0	0	
Pharmacy	Pharmacy				23	1	24	2	118	8	126	23	3	26	3	0	0	0	0	0	
Summer school (1917)	Summer school (1917)				2	1	3	2	28	7	35	8	0	8	0	0	0	0	0	0	
Short winter course	Short winter course				2	1	3	2	945	1,360	2,305	296	3	300	3	0	0	0	0	0	
Extension courses	Extension courses				71	16	87	87	296	3	300	296	3	300	3	0	0	0	0	0	
Military drill	Military drill				1	1	2	2	1,177	0	1,177	1	2	3	3	0	0	0	0	0	
Milwan	Milwan College	Coed.	S. D. B.	1887	10	2	12	12	57	58	115	1	2	3	3	0	0	0	0	0	
Arts and sciences	Arts and sciences				1	1	2	2	18	31	49	1	2	3	3	0	0	0	0	0	
Milwan	Milwaukee University	Men.	R. C.	1881	23	15	38	38	45	0	45	1,192	326	1,518	326	0	1	0	1	1	3
Preparatory	Preparatory				0	0	0	0	85	0	85	0	0	0	0	0	0	0	0	0	
Arts and sciences	Arts and sciences				9	0	9	9	68	27	95	0	0	0	0	0	0	0	0	0	
Chemical engineering	Chemical engineering				0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	
Civil engineering	Civil engineering				17	0	17	17	14	0	14	0	0	0	0	0	0	0	0	0	
Electrical engineering	Electrical engineering				17	0	17	17	18	0	18	0	0	0	0	0	0	0	0	0	
Mechanical engineering	Mechanical engineering				17	0	17	17	10	0	10	0	0	0	0	0	0	0	0	0	
Commerce	Commerce				27	0	27	27	44	1	45	1	6	7	7	0	0	0	0	0	
Journalism	Journalism				14	14	28	28	12	6	18	0	0	0	0	0	0	0	0	0	
Music	Music				24	15	39	39	120	260	380	0	0	0	0	0	0	0	0	0	
Law	Law				21	0	21	21	173	6	179	11	0	11	0	0	0	0	0	0	
Medicine	Medicine				101	0	101	101	77	1	78	2	0	2	0	0	0	0	0	0	
Dentistry	Dentistry				30	0	30	30	297	3	300	29	0	29	0	0	0	0	0	0	
Pharmacy	Pharmacy				10	0	10	10	20	2	22	2	0	2	0	0	0	0	0	0	
Summer school (1917)	Summer school (1917)				12	0	12	12	40	0	40	16	1	17	1	0	0	0	0	0	
Short winter course	Short winter course				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Inst.	1851	1855	1860	1865	1870	1875	1880	1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950
Milwaukee-Dowser College																					
Arts and sciences																					
Special	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Home economics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fine arts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Music	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extension courses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mission House																					
Preparatory	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arts and sciences	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Theology	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ripon College																					
Arts and sciences	11	10	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Graduate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Musical	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saluz Clara College																					
Preparatory	0	0	1	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arts and sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer school (1917)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carroll College																					
Arts and sciences	11	4	13	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Music	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Theology	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Evangelical Lutheran Theological Seminary																					
Theology	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
University of Wyoming																					
Preparatory	10	7	31	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Arts and sciences	18	6	18	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Graduate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Special	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Civil engineering	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electrical engineering	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mechanical engineering	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining engineering	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commerce	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education	3	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Home economics	4	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Business school (1917)	30	11	30	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Short winter course	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extended courses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Correspondence courses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military drill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 23.—Universities, colleges, and professional schools—Property, fellowships and scholarships, fees, 1917-18.

Institutions.	Bound volumes in library.	Value of library, scientific apparatus, machinery, and furniture.	Value of grounds (including farm).	Value of buildings (including dormitories).	Value of dormitories (included in column 5).	Endowment funds.	Fellowships and scholarships.	Amount given in fellowships and scholarships.	Tuition fees.				
									Arts and sciences.	Engineering.	Law.	Medicine.	Deontology.
	3	8	4	5	6	7	8	9	10	11	12	13	14
<b>ALABAMA.</b>													
Alabama Polytechnic Institute.....	31,650	\$135,000	\$10,000	\$225,000	\$40,000	\$284,500	19	\$2,500	(1)	(1)	0	0	0
Birmingham Southern College.....	15,000	36,000	96,000	110,000	26,000	160,000	3		\$70	0	0	0	0
Howard College.....	12,810	40,000	80,000	135,000	50,000	100,000	29		60	0	0	0	0
Prichard College.....	6,000	40,000	20,000	27,000	90,000	45,000	18		75	0	0	0	0
Marion Institute.....	4,000	25,000	50,000	55,000	175,000	307,884	6		125	0	0	0	0
Alabama Girls Technical Institute.....	6,500	25,000	6,000	400,000	250,000		27		90	0	0	0	0
Women's College of Alabama.....	7,592	30,300	100,000	243,681	128,681								
St. Bernard College.....		20,000	75,000	225,000	45,000		4		150	0	0	0	0
Spring Hill College.....	21,000	20,000	45,000	228,125	90,000	242,489			21	0	0	0	0
Tallapoosa College (colored).....	20,000	182,000	200,000	977,318	150,000	742,805	59	4,372	(1)	(1)	\$75	\$150	
University of Alabama.....	30,000												
<b>ARIZONA.</b>													
University of Arizona.....	28,000	145,692	180,950	676,500	78,500	10,500	22	8,420	30	\$20	30	0	0
<b>ARKANSAS.</b>													
Henderson-Brown College.....	3,500	14,200	29,000	138,200	100,000	2,000	3		81	0	0	0	0
Ouachita College.....		4,000	5,000	40,000	25,000	14,000			50	0	0	0	0
Arkansas Cumberland College.....	3,000	15,611	15,000	62,000	80,000				60	0	0	0	0
Central Baptist College.....	2,000	31,800	10,000	75,000	21,750	300,576	2		90	0	0	0	0
Hendrix College.....	16,245	29,000		240,000			4			0	0	0	0
Crescent College.....	1,800	270,000	75,000	390,000	85,000	132,666			(*)	(*)	0	0	0
University of Arkansas.....	30,000												
Arkansas Law School.....	1,100												
St. John's Diocesan Seminary.....	5,000								0	0	0	0	0
<b>CALIFORNIA.</b>													
Bakersfield Junior College.....		2,845,983		11,400,891	102,959	5,460,430	173	46,362	(1)	(1)	(1)	150	\$150
University of California.....	376,853												

2,000	1,500	15,000	22,800	63,200	6	2,000	0	0	0	0	0	0	0	0	0	0	0	0	
Berkeley Baptist Divinity School.....	1,500	15,000	22,800	63,200	6	2,000	0	0	0	0	0	0	0	0	0	0	0	0	
Pease University School for the Ministry.....	12,164	39,120	3,000	499,785	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pennsylvania College.....	89,283	182,078	413,330	1,110,488	55	3,883	108	0	0	0	0	0	0	0	0	0	0	0	
Princeton Junior College.....	3,359																		
Protestant College.....	6,351																		
Occidental College.....	20,000	150,000	301,413	701,337	25	2,000	100	0	0	0	0	0	0	0	0	0	0	0	
University of Southern California.....	16,000	280,000	250,400	1,600,000	25	4,000	100	98	200	170									
St. Paul's Seminary.....																			
Mills College.....	20,800	143,094	380,980	481,080	22	6,170	150	0	0	0	0	0	0	0	0	0	0	0	
St. Mary's College.....	10,000	400,000	150,000	400,000															
Tharop College of Technology.....	7,407	126,054	287,090	392,328	6	2,614	175	200	175	0	0	0	0	0	0	0	0	0	
University of Redlands.....	7,741	24,886	151,817	337,137	32	3,088	100	0	0	0	0	0	0	0	0	0	0	0	
Sacramento Junior College.....																			
San Francisco Theological Seminary.....	20,000	230,524		572,777	15	600	0	0	0	0	0	0	0	0	0	0	0	0	
College of the Pacific.....	8,000	23,000	142,700	250,684	10		80	0	0	0	0	0	0	0	0	0	0	0	
San-Luis Obispo Junior College.....	6,300																		
San Jose Junior College.....	6,200																		
University of Santa Clara.....	30,000	75,000	300,000	130,000															
Lebanon Christian Junior University.....	296,866	(*)	5,800,000	560,978	92	2,875	54	106	150	0	0	0	0	0	0	0	0	0	
Whittier College.....	5,364	18,127	60,000	150,000	7		60												
COLORADO.																			
University of Colorado.....	106,006	390,000	940,000	80,000															
Colorado College.....	74,000	199,701	709,965	1,545,057	14	4,480	80	0	0	75									
College of the Sacred Heart.....	12,000	80,600	200,000	175,385															
Elm School of Theology.....	9,000			10,000															
Colorado Agricultural College.....	30,000	948,825	498,685	278,481	160														
State School of Mines.....	15,000	276,352	83,914	488,099															
Colorado State Teachers College.....	31,000	126,868	170,000	432,000															
Colorado Woman's College.....	1,300	13,180	180,000	180,000															
University of Denver.....	37,921	75,000	423,318	323,359															
CONNECTICUT.																			
Trinity College.....	80,000	272,650	893,190	1,669,338	91		190	0	0	0	0	0	0	0	0	0	0	0	
Harford Seminary.....	112,000	150,000	200,000																
Berkeley Divinity School.....	33,000	6,000	85,874	581,448	4	1,700	0	0	0	0	0	0	0	0	0	0	0	0	
Wesleyan University.....	131,000	290,845	1,112,231	2,530,092	6	3,666	0	0	0	0	0	0	0	0	0	0	0	0	
Yale University.....	1,100,000			21,181,302	222	81,645	140	0	0	0	0	0	0	0	0	0	0	0	
Connecticut College for Women.....	11,070																		
Connecticut Agricultural College.....	16,000	130,500	867,563	256,000	16	500	100	0	0	0	0	0	0	0	0	0	0	0	
DELAWARE.																			
Delaware College.....	26,000	238,283	974,000	479,864	2		25	25	0	0	0	0	0	0	0	0	0	0	

\* \$150 to nonresidents.

\* \$10 to nonresidents.

\* Junior college.

\* \$20 to nonresidents.

TABLE 28.—Universities, colleges, and professional schools—Property, fellowships and scholarships, fees, 1917-18—Continued.

Institutions.	2	3	4	5	6	7	8	9	10	Tuition fees.				14
										Arts and sciences.	Engi- neering.	Law.	Medi- cine.	
MISSISSIPPI														
American University.....	30,000	835,000	800,000	800,000	800,000	860,000	7	83,060		0	0	0	0	0
Catholic Sisters College.....	126,000	400,000	600,000	288,000	\$11,000		90							
Georgetown College.....	6,000	272,200	226,000	1,000,000			125		\$150	\$110	\$150	\$175	\$175	
Georgetown University.....	43,000	188,973	184,012	616,857	160,000	501,772	99	1,899	190	\$180	168	175	150	100
Howard University (colored).....	37,423	164,251	616,057	749,000		310,396	48		40	50	128	100		
Notre Dame University Law School.....	2,000	57,300	140,000	749,000		4,700	19	5,000	160	0	0	0	0	0
Texas College.....	1,200	2,300	12,752	71,070	36,756		2		0	0	0	0	0	0
Washington College of Law.....	5,000	16,809							0	0	0	0	0	0
Washington University.....									0	0	0	0	0	0
MISSOURI														
John B. Stetson University.....	28,958	85,664	185,000	387,276	100,000	1,028	4	1,000	105	0	45	0	0	0
University of Florida.....	52,600	70,000	85,000	428,000	107,000		7		0	0	40	0	0	0
Florida State College for Women.....	10,000	49,154	39,572	119,471	39,005	213,248	9		(1)	0	0	0	0	0
Rollins College.....	5,461								60	0	0	0	0	0
MISSOURI (continued)														
University of Georgia.....	45,000	165,000	555,000	623,000	125,000	379,168	61	6,003	0	0	75	0	0	0
Atlanta University (colored).....	14,000	72,275	107,632	160,450	75,225	142,872	24		24	0	0	0	0	0
Georgia Theological Seminary (colored).....	12,800	19,696	29,000	112,748		481,315	23		0	0	0	0	0	0
Georgia School of Technology.....	12,270	160,000	150,000	450,000	76,000	200,000	6		0	125	0	0	0	0
Morehouse College (colored).....	2,500	3,000	50,000	250,000					12	0	0	0	0	0
Spelman College.....	5,000	39,000	60,000	100,000	35,000				10	0	0	0	0	0
North Georgia Agricultural College.....	3,000	6,000	20,000	45,000	23,000	175,575	8		100	0	0	0	0	0
Samuel R. Johnson College.....	8,000	63,145	50,000	168,847	200,000	2,070	9	8,561	100	0	0	0	0	0
La Grange Female College.....	3,000	30,400	30,000	213,500	166,700	25,660	5		75	0	0	0	0	0
Northwest Female College.....	2,500	2,000	30,000	30,000	30,000				50	0	0	0	0	0

Institution	30,000	40,000	50,000	75,000	100,000	150,000	200,000	300,000	500,000	1,000,000	1,500,000	2,000,000	3,000,000	5,000,000	100	200	300	400	500	600	700	800	900	1,000		
Marion University	30,000													5,000												
Wesleyan Female College	7,059	45,510	207,000	207,000	207,000	213,000	213,000	213,000	213,000	213,000	213,000	213,000	213,000	213,000	80											
Ohio State University	8,000	5,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	120											
University of Chicago	50,000	102,300	319,000	1,168,273	1,168,273	1,168,273	1,168,273	1,168,273	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	7,100	8											
Storer College	6,250	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	800												
Clark University (closed)	3,500								80,000	80,000	80,000	80,000	80,000	80												
HAWAII.																										
College of Hawaii	23,928	133,719		70,489										300	4											
INDIGO.																										
College of Missions	6,000	16,400		104,000					116,708																	
University of Idaho	42,000	208,688		60,000					30,000																	
Idaho Technical Institute	8,370	20,649		56,500					1,500,000																	
ILLINOIS.																										
Bradley College	4,000	26,190		23,000					35,500						20											
Arden College	5,627	21,410		15,000					36,000						4											
Illinois Wesleyan University	12,000	54,600		80,250					77,887					9,011	62											
St. Xavier College	7,500																									
Carleton College	4,000	17,300		23,000					135,982						15											
Army Institute of Technology	14,780	47,307		221,000					138,000					2,373												
University of Illinois	27,783	51,047		175,000					252,219					10,780	20											
Central Bible School	2,000	8,300		42,500					146,400					250	4											
Chicago College of Pharmacy	5,000	6,500																								
Chicago School of Law	32,000	90,000		42,000					921,768					2,281	2											
Chicago Theological Seminary	1,500	50,000																								
Evangelical Lutheran Theological Seminary	1,500	50,000																								
Illinois State Normal School	12,000	30,000		185,000					400,000					1,800	19											
Rockford College	3,000	30,713		323,200					672,307					605	6											
Western College of Law	2,000	8,000																								
Levy Institute	30,000	36,000		48,126					1,042,744					500	4											
University of Chicago	60,000	180,000		48,000					1,082,010					15,100	93											
University of Chicago	44,410	548,190		6,740,887					24,797,632					116,432	120											
University of Chicago	515,890	2,016,000		40,000					20,000					800	6											
Western Theological Seminary	20,000	85,000		100,000					250,000					800	6											
Yale University	10,700	28,500		156,750					189,833					1,938	30											
Yale College	15,500	28,500		16,500					642,873					1,030	16											
Yale College	49,734	28,678		756,532					5,062,415					24,218	113											
Yale University	112,000	729,668		3,186,341					490,463																	
Yale University	1,200	2,000		28,600					42,188																	
Yale University	1,500	60,838		208,400					809,672					2,456	19											
Yale University	15,079	27,084		106,743					108,000																	
Yale University	11,063	54,286		12,000					122,846					1,000	88											
Yale University	5,000	5,000		17,725																						
Yale University	19,100	32,270		112,750					403,943					8,901	7											
Yale University	19,100	32,270		112,750					403,943					8,901	7											

\* Pharmacy, \$60.

\* Junior college.

\* \$300 to nonresident.



TABLE 28.—Universities, colleges, and professional schools.—Property, fellowships and scholarships, fees, 1917-18.—Continued.

Institutions	2	3	4	5	6	7	8	9	Tuition fees						
									10	11	12	13	14		
<i>Illinois—continued.</i>															
Illinois Wesleyan College.....	9,200	\$19,719	359,985	\$772,539	\$200,000	\$214,171	26		\$125	0	0	0	0	0	0
Juliet Porter College.....	2,400	80,000	28,000	200,000	100,000	294,877	50		60	0	0	0	0	0	0
Lewis Percey College.....	12,000	31,817	26,100	80,000	415,000	189,850	20		45	0	0	0	0	0	0
Macomb College.....	12,000	13,517	35,000	299,500	104,302	291,154	130		36	0	0	0	0	0	0
Marquette College.....	2,077	1,598	48,137	31,741	65,000	79,972	7	28,700	0	0	0	0	0	0	0
Northwestern University.....	12,300	63,888	185,000	141,249	4,780	296,010	7	420	60	0	0	0	0	0	0
Bradley Polytechnic Institute.....	19,000	140,000	628,750	282,545	213,475	2,225,000	6	600	60	0	0	0	0	0	0
Rockford College.....	8,000	69,710	60,000	282,545	75,000	243,310	44	8,775	126	0	0	0	0	0	0
St. Mary's College.....	26,129	60,547	125,795	335,000	15,000	471,528	15	787	66	0	0	0	0	0	0
St. Xavier College.....	3,000	10,000	9,000	15,000	2,000	18,000	7	0	0	0	0	0	0	0	0
University of Illinois.....	419,573	2,158,265	890,059	3,877,932	180,247	669,012	790	12,235	0	0	0	0	0	0	\$100
Western College.....	10,512	24,357	61,070	219,685	46,487	250,000	31	941	60	0	0	0	0	0	0
<i>Indiana.</i>															
Indiana University.....	191,718	214,400	222,600	1,129,000	1,129,000	876,400		4,400	0	0	0	0	0	0	0
Wabash College.....	91,020	42,521	36,000	238,300	108,100	310,845			0	0	0	0	0	0	0
Franklin College.....	30,000	57,440	37,657	184,670	50,000	380,883	60		75	0	0	0	0	0	0
Green College.....	5,300	13,300	32,140	104,000	17,000	1,754	6		50	0	0	0	0	0	0
Ellettsburg University.....	48,000	98,000	61,400	800,000	295,000	1,504,604			100	0	0	0	0	0	0
Ellettsburg College.....	30,000	47,300	5,300	145,200	28,200	258,842			45	0	0	0	0	0	0
Ellettsburg College.....	15,000	39,000	108,670	135,500	70,000	421,000	1		80	0	0	0	0	0	0
Indiana Central University.....	2,609	15,000	70,000	70,000		250,000	4		52	0	0	0	0	0	175
Indiana Central College.....	1,000														
Indiana College of Pharmacy.....	100														
Indiana Veterinary College.....	49,444	540,000	200,000	1,000,000		440,000			0	0	0	0	0	0	0
Purdue University.....	10,333	181,074	144,050	720,995					0	0	0	0	0	0	0
St. Mary's College and Academy.....									0	0	0	0	0	0	0





Table 23 - Universities, colleges, and professional schools - Property, fellowships and scholarships, fees, 1917-18 - Continued.

Institutions	3	4	5	6	7	8	9	Tuition fees					14	
								10	11	12	13	14		
KENTUCKY														
Franklin College	25,000	\$277,474	\$286,368	\$265,000	\$454,322	24	\$2,218	375	0	890	0	0	0	0
Fairmont College	32,000	80,000	300,000	199,139	199,139	8	0	63	0	0	0	0	0	0
Transylvania College	7,000	32,000	134,000	7,000	500,000	22	0	60	0	0	0	0	0	0
Southwestern College	6,000													
MISSOURI														
Dean College	35,000	196,287	673,050	428,673	1,244,730	183	8,773	21	0	0	0	0	0	0
Orion College	10,000	75,000	10,000	150,000	150,000	41	500	25	0	0	0	0	0	0
Central University of Kentucky	32,000	70,000	500,000	150,000	623,000	0	0	75	0	0	0	0	0	0
Kentucky College for Women	2,233	1,100	240,000	190,000	0	0	0	75	0	0	0	0	0	0
Compassion College	10,000	25,000	175,000	85,000	231,202	41	280	60	0	0	0	0	0	0
University of Kentucky	23,000	320,000	199,588	46,918	419,126	0	0	55	0	0	0	0	0	0
University of Louisville	33,999	271,749	697,565	50,000	197,185	11	1,550	17	0	17	0	0	0	0
Lexington College of Pharmacy	1,200	13,000	23,000	0	0	0	0	0	0	0	0	0	0	0
Presbyterian Theological Seminary of Ken-	20,827	60,000	183,070	25,000	535,000	25	0	0	0	0	0	0	0	0
University of Louisville	6,157	63,000	222,000	25,000	1,360,000	66	800	100	0	100	0	3155	320	0
University of Louisville	5,000	30,000	100,000	30,000	64,000	2	0	80	0	0	0	0	0	0
St. Mary's College	8,000	60,000	75,000	40,000	0	0	0	40	0	0	0	0	0	0
Kentucky Wesleyan College	7,000	15,000	144,500	39,000	115,000	0	0	60	0	0	0	0	0	0
LOUISIANA														
Louisiana State University and Agricul-	48,450	177,341	573,789	82,000	318,713	22	4,704	80	0	100	0	0	0	160
Marshall Mechanical College	1,000	9,000	60,000	0	0	0	0	0	0	0	0	0	0	0
Morehead Park College	14,600	80,000	253,600	82,000	2,765,000	0	0	0	0	0	0	0	0	0
E. Rouse Morehead Memorial College	50,000	300,000	300,000	371,833	3,714,866	363	4,704	100	0	100	0	105	150	150
Louisiana State University	74,711	419,645	701,121	371,833	3,714,866	22	1,500	63	0	0	0	0	0	0
Pulaski University of Louisiana	2,500	17,106	72,191	61,000	0	0	0	0	0	0	0	0	0	0

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS. 861

NAME	118,344	180,389	112,000	1,073,273	101,000	2,401,433	2	11,022	100	0	0	0	0	0
Beverly College	42,729	52,102	11,000	468,088	136,800	1,021,313	111	0	0	0	0	0	0	0
Boston College	56,000	238,015	11,000	712,346	185,487	252,051	11	0	0	0	0	0	0	0
Colby College	52,000	46,283				512,886	111	0	0	0	0	0	0	0
MASSACHUSETTS														
St. John's College	14,000	50,000	2,400,100	260,000	100,000		125		100	0	0	0	0	0
United States Naval Academy	56,000	1,066,300		9,474,800										
Babson College	32,570	92,107	284,320	1,000,000	442,761	872,184	10	10,305	175	0	0	0	0	150
Grinnell College	298,217	635,461	775,000	2,735,715	18,000	6,528,187	210							
Johns Hopkins University	1,600	15,602	87,238	233,700		377,575	9	1,000		0	0	0	0	0
Morgan College (colored)	2,500	10,000	400,000	200,000										
Mount St. Joseph's College	45,000	300,000												
St. Mary's Seminary														
University of Maryland, Dental Depart.														
University of Maryland	15,000			50,000	50,000		55		50	0	0	0	0	0
Wesleyan College	17,500	161,468	30,000	227,000	227,000		98	0	0	0	0	0	0	0
Wesleyan University	5,000	17,700	25,000	573,307	116,000			0	0	0	0	0	0	0
Wesleyan University, College of Agriculture	13,600	50,000	45,200	500,000	24,000		9		100	0	0	0	0	0
Wesleyan University, School of Business	4,000	24,000	17,500	500,000										
Wesleyan University, School of Education	4,000	24,000	17,500	500,000										
Wesleyan University, School of Law	4,000	24,000	17,500	500,000										
Wesleyan University, School of Theology	10,000	28,000	50,000	250,000	100,000	89,000	27	1,925	70	0	0	0	0	0
Wesleyan University, School of Theology	2,500	1,000	4,000	21,000	15,000	9,187	54	1,209	0	0	0	0	0	0
MASSACHUSETTS														
Amherst College	120,000	188,000	90,831	1,233,900	210,000	3,860,327	4	9	140	0	0	0	0	0
Boston College	57,802	592,836	123,718	900,350	60,127	361,000			(1)	0	0	0	0	0
Boston University	64,000	102,270	135,000	1,275,541		1,504,194	5	8,459	150	0	150	0	0	0
Massachusetts College of Pharmacy	7,000	34,640		450,000		241,480			(1)	0	0	0	0	0
St. John's Seminary	1,000	3,000												
St. John's College	21,000	43,500	50,000	262,500										
St. John's Seminary	28,980	76,500	443,006	818,025	241,949	1,946,444	48	4,473	125	0	0	0	0	0
St. Joseph's College	1,000	2,000	42,000											
St. Joseph's Seminary	66,600			288,616										
St. Joseph's Seminary	14,000													
St. Joseph's Seminary	120,811													
Harvard University	8,500	2,568,000		6,022,000	331,000	33,742,854	537	143,333	200	200	150	225	200	0
Massachusetts Institute of Technology	43,832	60,000		100,000		9,616,000	332	36,000	0	250	0	0	0	0
Radcliffe College	55,000	30,000	368,000	1,075,000	300,000	228,007								
Boston College	1,028	201,419	104,680	1,300,700		1,700,000	68	10,640	200	0	0	0	0	0
Lowell Textile School		100,000		250,000		941,200	22		100	0	0	0	0	0
Newton Theological Institution	70,740	484,650	476,040	1,683,621	60,000	680,000								
Smith College	11,074	103,069	10,650	468,005	154,000	1,852,200	208	22,181	150	0	0	0	0	0
Wheaton College						1,088,407	8	1,800	130	0	0	0	0	0

\* Theology, \$150.

\* Pharmacy, \$100.

\* \$20 agriculture.

\* residents; \$100 to nonresidents.

1 Junior college.

TABLE 28.—Universities, colleges, and professional schools—Property, fellowships and scholarships, fees, 1917-18—Continued.

Institutions.	2	3	4	5	6	7	8	9	Tuition fees.				
									10	11	12	13	14
MASSACHUSETTS—continued.													
Mount Holyoke College.....	69,000	\$337,718	\$137,098	\$1,995,900	\$807,654	\$1,454,169	75	\$13,167	\$175	0	0	0	0
Tufts College.....	75,000	200,000	1,466,341	2,651,191	2,549,908	10,467	10	47	175	0	0	\$155	0
Wellesley College.....	85,499	779,648	373,211	2,802,808	1,686,897	2,340,079	98	18,196	0	0	0	0	0
Williams College.....	91,697	132,082	121,175	1,841,979	511,833	2,701,944	6	10,878	0	0	0	0	0
Clark College.....	75,000	250,000	200,000	334,500	334,500	1,300,000	0	2,440	0	0	0	0	0
Clark University.....	83,000	50,000	196,000	510,000	260,040	110,676	27	4,230	0	0	0	0	0
College of the Holy Cross.....	40,000	50,000	196,000	510,000	260,040	110,676	27	4,230	0	0	0	0	0
Worcester Polytechnic Institute.....	16,328	411,306	560,941	948,875	156	14,136	156	14,136	150	0	0	0	0
MICHIGAN.													
Adrian College.....	8,000	150,000	150,000	150,000	150,000	150,000	4	1,100	85	0	0	0	0
Albion College.....	25,000	92,500	35,000	202,700	61,734	201,734	21	1,100	60	0	0	0	0
Alma College.....	27,180	33,825	36,000	139,581	79,400	428,828	44	1,050	0	0	0	0	0
University of Michigan.....	401,006	2,412,868	701,463	4,463,561	431,033	3,326,412	62	13,878	40	(*)	(*)	(*)	(*)
Detroit College of Law.....	2,500	20,000	80,000	100,000	100,000	100,000	10	150	150	0	0	0	0
Detroit College of Medicine and Surgery.....	6,000	20,000	80,000	100,000	100,000	100,000	10	150	150	0	0	0	0
Detroit Junior College.....	18,000	75,000	250,000	250,000	204,000	1,000	6	0	0	0	0	0	0
University of Detroit.....	48,000	110,317	1,229,650	1,229,650	204,000	1,000	6	0	100	875	0	0	0
Michigan Agricultural College.....	28,700	35,732	10,000	175,000	26,000	407,728	0	500	40	0	0	0	0
Grand Rapids Junior College.....	25,000	175,000	175,000	175,000	175,000	418,381	0	600	24	0	0	0	0
Hope College.....	25,000	104,025	104,025	336,168	55,000	690,843	5	727	0	0	0	0	0
Michigan Central Seminary.....	28,200	340,001	104,025	336,168	55,000	690,843	5	727	0	0	0	0	0
Michigan College of Mines.....	15,000	35,218	51,000	121,800	55,000	690,843	5	727	0	0	0	0	0
Kalamazoo College.....	33,000	81,758	201,000	218,565	51,000	39,800	9	0	75	0	0	0	0
Oliver College.....	40,000	85,000	30,000	110,000	40,000	400,000	30	4,650	0	0	0	0	0
MINNESOTA.													
St. John's University.....	25,000	75,000	30,000	110,000	40,000	400,000	30	4,650	0	0	0	0	0
Seabury Divinity School.....	25,000	75,000	30,000	110,000	40,000	400,000	30	4,650	0	0	0	0	0
Hibbing Junior College.....	25,000	75,000	30,000	110,000	40,000	400,000	30	4,650	0	0	0	0	0

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

Augsburg Seminary	6,000	10,000	125,000	6,000,417	45,964	279	104,160	30	0	0	0	0	0	0
University of Minnesota	29,110	2,190,912	2,356,200	786,098	1,785,570	279	104,160	30	0	0	0	0	0	0
Carleton College	32,000	128,800	198,717	218,700	303,867	23	2,740	130	0	0	0	0	0	0
St. Olaf College	19,200	48,284	48,280	218,700	302,168	23	1,015	60	0	0	0	0	0	0
Northwestern College	4,800	15,042	30,000	108,818	3,500	5	95	3	0	0	0	0	0	0
Northern Baptist Seminary	14,800	132,000	100,000	740,000	300,000	34	0	34	0	0	0	0	0	0
College of St. Thomas	18,000	37,000	158,000	426,000	105,000	81	0	81	0	0	0	0	0	0
Eastern University	18,200	31,000	30,000	210,000	53,000	3	6,000	81	0	0	0	0	0	0
Leather Theological Seminary	12,000	31,000	30,000	281,478	150,000	5	0	5	0	0	0	0	0	0
Macalester College	14,800	41,187	110,800	211,208	111,708	13	0	75	0	0	0	0	0	0
St. Paul Theological Seminary	30,000	300	15,000	175,000	17,300	0	0	81	0	0	0	0	0	0
St. Paul College of Law	14,000	45,000	45,000	175,000	204,950	24	0	50	0	0	0	0	0	0
Transylvania College	10,000	211,000	40,500	810,000	310,000	24	0	100	0	0	0	0	0	0
College of St. Teresa	10,000	211,000	40,500	810,000	310,000	24	0	100	0	0	0	0	0	0
MISSOURI														
University of Agricultural and Mechanical College	80,125	458,988	157,500	810,000	204,150	10	1,975	50	0	0	0	0	0	0
Missouri State Normal College	11,000	88,678	198,000	498,600	203,000	0	5,000	50	0	0	0	0	0	0
Graceland College	1,000	10,000	20,000	80,000	70,000	0	0	0	0	0	0	0	0	0
Graceland Industrial Institute and College	1,000	10,000	20,000	80,000	70,000	0	0	0	0	0	0	0	0	0
Missouri Baptist College	3,500	4,000	4,000	38,000	52	21	150	18	0	0	0	0	0	0
East College (closed)	2,800	8,000	100,000	100,000	75,000	2	0	0	0	0	0	0	0	0
Bethany College	15,800	8,000	60,000	100,000	60,000	21	1,800	40	0	0	0	0	0	0
Milliana College	10,000	50,000	100,000	208,500	507,000	30	0	50	0	0	0	0	0	0
Meridian College	10,000	50,000	50,000	200,000	200,000	30	0	50	0	0	0	0	0	0
University of Missouri	31,000	110,000	100,000	465,000	60,000	6	720	0	0	0	0	0	0	0
MISSOURI														
Calvary Seminary College	9,000	20,000	20,000	160,000	55,000	0	0	50	0	0	0	0	0	0
Dixie Theological Seminary	4,480	2,243	24,366	54,153	24,366	0	0	75	0	0	0	0	0	0
Shiloh College	3,300	22,000	80,000	200,000	125,000	25	2,000	100	0	0	0	0	0	0
University of Missouri	221,470	1,193,170	801,385	1,857,470	1,300,338	25	2,000	100	0	0	0	0	0	0
Central College	12,162	37,500	35,000	255,000	469,340	2	250	40	0	0	0	0	0	0
Howard Payne College	4,000	10,000	15,000	78,000	40,000	10	0	100	0	0	0	0	0	0
Central College	15,800	27,000	50,000	204,785	26,000	4	750	75	0	0	0	0	0	0
William Woods College	14,800	17,000	10,000	200,000	120,000	15	0	0	0	0	0	0	0	0
William Woods College	2,000	40,000	10,000	200,000	338,000	8	0	0	0	0	0	0	0	0
Kansas City School of Law	180	15,000	300,000	234,000	293,371	10	0	60	0	0	0	0	0	0
Kansas City College of Pharmacy	500	76,000	300,000	234,000	293,371	10	0	60	0	0	0	0	0	0
Kansas City Dental College	4,246	76,000	300,000	234,000	293,371	10	0	60	0	0	0	0	0	0
Kansas City Polytechnic Institute	171	45,342	77,908	398,388	129,765	10	0	60	0	0	0	0	0	0
Western Dental College	171	45,342	77,908	398,388	129,765	10	0	60	0	0	0	0	0	0
William Jewell College	29,600	45,342	77,908	398,388	129,765	10	0	60	0	0	0	0	0	0

\* \$40 to residents; \$80 to nonresidents.  
 † \$50 to nonresidents.  
 ‡ Junior college.

\* \$112 to residents; \$132 to nonresidents.  
 † \$45 to nonresidents.  
 ‡ \$25 to residents; \$150 to nonresidents.

\* \$47 to residents; \$67 to nonresidents.  
 † \$71 to residents; \$91 to nonresidents.  
 ‡ \$105 to residents; \$125 to nonresidents.

TABLE 28.—Universities, colleges, and professional schools—Property, fellowships and scholarships, fees, 1917-18—Continued.

Institutions.	3	4	5	6	7	8	9	10	Tuition fees.				
									11	12	13	14	
MISSOURI—continued.													
Missouri Valley College.....	16,917	869,739	132,860	\$24,000	\$226,000	2	\$375	\$58	0	0	0	0	0
Hardin College.....	1,970	24,500	40,000	60,000	100,000	0	0	100	0	0	0	0	0
Marion College.....	3,800	4,000	15,000	13,000	15,000	3	0	100	0	0	0	0	0
Northwestern College.....	19,550	55,273	150,000	100,000	150,000	0	0	150	0	0	0	0	0
Park College.....	350	115,000	317,900	100,000	677,913	0	0	50	0	0	0	0	0
St. Joseph Veterinary College.....	1,500	1,500	0	0	0	0	0	0	0	\$80	0	0	0
City College of Law and Finance.....	11,221	50,000	300,000	0	0	0	0	0	0	0	0	0	0
Concordia Theological Seminary.....	3,593	10,000	100,000	0	83,300	0	0	0	0	0	0	0	0
Eden Theological Seminary.....	3,000	10,000	90,000	0	0	0	0	75	0	0	0	0	0
Forest Park College.....	80,914	50,000	100,000	0	0	0	0	0	0	0	0	0	0
St. Louis College of Physicians and Sur- geons.....	153,419	1,151,277	1,250,000	0	1,000,000	8	0	0	0	0	0	0	0
Washington University.....	23,000	940,650	3,711,984	693,917	8,196,051	198	0	90	0	100	160	\$140	0
Drury College.....	10,800	250,000	260,000	45,000	240,000	12	0	150	\$150	100	300	100	160
Central Wesleyan College.....	20,000	30,000	125,000	35,000	240,000	10	1,125	65	0	0	0	0	0
Kendrick Seminary.....	20,000	373,000	850,000	0	254,192	10	0	60	0	0	0	0	0
MONTANA													
Montana College of Agriculture and Me- chanical Arts.....	16,314	248,442	333,145	45,000	680,250	72	0	0	0	0	0	0	0
Montana State School of Mines.....	9,000	91,773	152,000	0	0	0	0	0	0	0	0	0	0
University of Montana.....	42,000	120,000	220,100	30,000	0	0	300	0	0	0	0	0	0
NEBRASKA													
Union College.....	6,500	18,000	23,800	65,000	146,563	7	868	75	0	0	0	0	0
Dodge College.....	14,000	31,557	76,446	30,000	320,458	7	0	40	0	0	0	0	0
Eastern College.....	5,978	22,383	40,800	43,221	323,781	30	50	50	0	0	0	0	0
University of Nebraska.....	128,500	716,848	931,639	20,000	871,507	12	2,109	0	0	0	43	110	180
Osgood University.....	47,300	106,000	400,000	40,000	550,000	0	0	0	0	150	140	150	0
Presbyterian Theological Seminary.....	7,000	30,000	80,000	150,000	0	0	0	0	0	0	0	0	0

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

865

University of Omaha.....	1,500	12,800	15,000	100,000	20,000	3,100	3	40	0	0	0	0	0	0	0	0	0	0
Nebraska Wesleyan University.....	10,000	52,066	161,214	250,000		296,811	5	65	0	0	0	0	0	0	0	0	0	0
York College.....	2,500			100,000		100,000			0	0	0	0	0	0	0	0	0	0
NEVADA.																		
University of Nevada.....	31,000	284,887	415,268	230,970	72,516	330,554	7	0	0	0	0	0	0	0	0	0	0	0
NEW HAMPSHIRE.																		
New Hampshire College of Agriculture and Mechanic Arts.....	35,000	40,000	87,000	500,000	115,000	940,000	391	60	0	0	0	0	0	0	0	0	0	0
Dartmouth College.....	140,000	345,000	460,000	2,000,000	860,000	3,438,951	358	140	140	140	140	140	140	140	140	140	140	140
St. Anselm's College.....	7,000						8											
NEW JERSEY.																		
Bloomfield Theological Seminary.....	5,410	11,933	15,201	92,106	27,500	342,265	783	✓	0	0	0	0	0	0	0	0	0	0
College of St. Elizabeth.....	27,000	90,000	900,000	650,000	250,000	1,550,000	7	150	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology P.....	12,000	160,000	735,000	725,000	75,000	15,000	27	0	225	0	0	0	0	0	0	0	0	0
St. Peter's College.....	30,000	80,000	10,000	200,000	8,000	8,000	10	60	0	0	0	0	0	0	0	0	0	0
Drexel College.....	3,000	4,615	58,000	18,000		8,000		45	0	0	0	0	0	0	0	0	0	0
Drew Theological Seminary.....	122,000	135,000	100,000	660,000	160,000	825,000	13	1,500	0	0	0	0	0	0	0	0	0	0
New Jersey Law School.....	1,500	2,500		30,000			b	0	0	0	0	0	0	0	0	0	0	0
Rutgers College.....	93,726	279,000	454,500	1,049,579	221,500	891,277	308	170	170	170	170	170	170	170	170	170	170	170
Theological Seminary of the Reformed Church of America.....	54,000	200,000	60,000	200,000		670,000	2	183	0	0	0	0	0	0	0	0	0	0
Princeton Theological Seminary of the Presbyterian Church.....	101,704		689,555			3,154,151	207	200	200	200	200	200	200	200	200	200	200	200
Princeton University.....	410,722					6,565,010												
NEW MEXICO.																		
University of New Mexico.....	13,000	57,285	45,000	190,035	33,500	20,761	6	20	0	0	0	0	0	0	0	0	0	0
New Mexico School of Mines.....	2,200	22,713	8,000	75,000	15,000			0	0	0	0	0	0	0	0	0	0	0
New Mexico College of Agriculture and Mechanic Arts.....	18,323	200,000	30,000	100,000	25,000			18	18	18	18	18	18	18	18	18	18	18
NEW YORK.																		
New York State College for Teachers.....	4,802	263,000	109,000	450,000	60,000	425,926	20	(1)	0	0	0	0	0	0	0	0	0	0
Alfred University.....	30,000	58,660	18,000	194,500	20,000	200,000	56	70	0	0	0	0	0	0	0	0	0	0
St. Stephen's College.....	28,000	25,000	45,000	230,000	50,000	1,203,550	25	12,098	0	0	0	0	0	0	0	0	0	0
Walton College.....	37,200	142,630	10,000	398,939	146,875	627,244	24	4,637	175	0	0	0	0	0	0	0	0	0
Wells College.....	17,000	53,084	60,000	314,348	30,000	284,375	19	0	0	0	0	0	0	0	0	0	0	0
Hamilton College of Pharmacy.....	4,000	16,100	8,500	30,000			1	0	0	0	0	0	0	0	0	0	0	0
College of St. Francis Xavier.....	10,000	197,596	270,000	290,000				100	0	0	0	0	0	0	0	0	0	0
Long Island College Hospital.....	3,000	150,000	135,000	1,061,500		595,628	3	0	0	0	0	0	0	0	0	0	0	250
Polytechnic Institute of Brooklyn.....	12,000	103,486	525,000	383,134		804,118	400	0	0	0	0	0	0	0	0	0	0	0

1 \$40 to nonresidents.

1 \$10 to residents; \$30 to nonresidents.

1 Junior college.

59873-21-55

TABLE 28.—Universities, colleges, and professional schools—Property, fellowships and scholarships, fees, 1917-18—Continued.

Institutions.	2	3	4	5	6	7	8	9	Tuition fees.				Dentistry.	
									Arts and sciences.	Eng. and engineering.	Law.	Medicine.		
NEW YORK—continued.														
Cantius College	40,000	\$105,000	\$125,000	\$250,000	\$105,000	\$105,000	34		800	0	0	0	0	0
D'Youville College	1,279	116,000	176,000	50,000	50,000	532,261	6		150	0	0	0	0	0
University of Buffalo	25,831	120,474	343,250	332,835	332,835	770,689	100	96,000	100	0	\$100	\$200	0	\$215
St. Lawrence University	28,477	66,300	66,000	337,000	650,000	1,145,665	102	250	120	0	0	0	0	0
Hamilton College	77,945	91,951	80,000	423,234	\$155,000	247,114			0	0	0	0	0	0
Emory College	34,104								0	0	0	0	0	0
Mount St. Albanus Theological Seminary	3,937	5,100	2,000	2,000	70,200	70,200	2		0	0	0	0	0	0
De Jesus Divinity School	62,000	85,000	62,000	378,800	122,000	738,261	17	10,071	100	0	0	0	0	0
St. Ann's College	84,968	179,773	128,000	623,000	150,000	2,313,861		14,982	110	0	0	0	0	0
Robinson College	6,000	6,000	20,000	20,000	18,000	6,000	3		0	0	0	0	0	0
Yonkers Seminary	507,831	2,674,928	373,250	0,029,025	1,080,005	14,221,996	60	18,169	150	150	150	150	0	0
College of New Rochelle	4,500	45,000	79,557	375,125	267,402	1,802,974	30	600	200	0	0	0	0	0
Barnard College	11,500	98,559	2,025,000	875,000	2,025,000	1,802,974	109	600	200	0	0	0	0	0
Bible Teacher's Training School	16,500	39,200	254,000	214,900	208,600	58,800	11	3,717	0	0	0	0	0	0
College of the City of New York	73,000	710,969	2,560,400	4,082,444	1,021,361	34,970,290	303	128,712	110	0	125	225	0	0
Columbia University	711,416	3,676,698	1,600,000	560,000	100,000	82,216	36	12,962	110	0	0	0	0	0
Fordham University	72,000	189,000	1,600,000	1,057,849	478,567	2,221,003	60	22,530	0	0	0	0	0	0
General Theological Seminary of the Protestant Episcopal Church in the United States	83,263	62,783	1,027,000	1,057,849	478,567	2,221,003	60	22,530	0	0	0	0	0	0
Union College	43,500	43,500	2,020,000	1,103,000	1,103,000	780,653	11	4,784	0	0	0	0	0	0
Clinton College	18,838	27,400	55,000	215,000	215,000	780,653			120	130	0	0	0	0
New York College of Dentistry	1,000	51,298	81,130						0	0	0	0	0	205
New York University	137,709	418,714	1,264,650	2,320,023		1,293,302	79		0	0	0	0	0	0
Yeshiva College	64,208								0	0	0	0	0	0
Union Theological Seminary	138,353	57,066	23,177	353,960		1,293,302	79		0	0	0	0	0	0
Columbia College of Technology	5,600	124,169							0	0	0	0	0	0
Clarkson College	98,647	606,911	103,700	3,194,315	1,426,172	356,350	88	11,558	0	0	0	0	0	0
Vassar College	45,710	109,265	334,948			2,631,143	85	25,493	150	0	0	0	0	0
Rochester Theological Seminary	74,453	292,012	329,717	1,020,100	34,531	2,496,728	4	9,178	0	0	0	0	0	0
University of Rochester	25,000	67,000	22,500						90	90	0	0	0	0
St. Bonaventure's College	67,000	186,300	300,000	679,000	100,000	1,194,340	8	8,303	80	0	0	0	0	0
Union University	51,000	186,300	300,000	679,000	100,000	1,194,340	53	8,303	150	150	0	160	0	0



New York State College of Forestry (at Syracuse University)	3,300	138,000	10,000	280,000	1,879,242	15	902	0	0	0	0	0	0	0	0	0	0
Syracuse University	99,775	359,452	359,879	3,482,861	1,879,242	26	902	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	12,335	366,761	147,213	1,288,050	1,571,452	26	902	0	0	0	0	0	0	0	0	0	0
Rensselaer College of Practical Arts	12,808	366,761	60,000	270,996	1,571,452	26	902	0	0	0	0	0	0	0	0	0	0
United States Military Academy																	
NORTH CAROLINA.																	
St. Genevieve's College	5,600	19,000	30,000	60,000	216,548	3	8,220	0	0	0	0	0	0	0	0	0	0
Belmont Abbey College	78,205	994,700	125,500	601,500	181,000	154	8,220	60	70	0	0	0	0	0	0	0	0
University of North Carolina	9,200	46,000	138,575	284,500	181,000	154	8,220	60	70	0	0	0	0	0	0	0	0
Biddle University (colored)	2,200	67,639	38,000	298,163	359,299	24	8,500	68	0	0	0	0	0	0	0	0	0
Davidson College	22,202	137,478	507,704	552,153	207,743	24	3,175	68	0	0	0	0	0	0	0	0	0
Elon College	52,707	40,750	25,000	290,000	1,434,013	24	1,000	50	0	0	0	0	0	0	0	0	0
Greenbore College for Women	10,000	44,870	40,000	147,314	70,800	24	3,583	75	0	0	0	0	0	0	0	0	0
Guilford College	7,000	25,000	20,000	183,000	102,300	60	100,000	60	0	0	0	0	0	0	0	0	0
Dayton College	4,000	5,000	10,000	65,000	40,000	60	100,000	60	0	0	0	0	0	0	0	0	0
Louisburg College	1,200	5,000	10,000	70,000	60,000	60	100,000	60	0	0	0	0	0	0	0	0	0
Menard College	6,700	86,000	86,000	171,000	165,500	60	130,293	60	0	0	0	0	0	0	0	0	0
Peace Institute	2,220	20,000	80,000	64,000	64,000	6	10,000	0	0	0	0	0	0	0	0	0	0
Shaw University (colored)	4,600	42,750	228,740	186,280	94,568	6	10,000	60	0	0	0	0	0	0	0	0	0
Flora Macdonald College	4,360	31,000	30,000	108,419	64,000	6	57,700	27	0	0	0	0	0	0	0	0	0
Wake Forest College	21,000	99,525	64,000	151,000	57,700	40	624,323	27	0	0	0	0	0	0	0	0	0
Weaver College	2,000	3,000	3,000	36,000	36,000	40	624,323	27	0	0	0	0	0	0	0	0	0
North Carolina College of Agriculture and Engineering	9,800	339,883	110,073	643,534	157,618	243	8,000	45	45	0	0	0	0	0	0	0	0
Athletic Christian College	2,575	10,000	100,000	55,000	8,000	243	8,000	70	0	0	0	0	0	0	0	0	0
NORTH DAKOTA.																	
North Dakota Agricultural College	26,995	310,967	98,000	598,000	110,000	24	1,350	55	55	0	0	0	0	0	0	0	0
Fargo College	8,400	15,000	183,000	117,000	40,000	1	61,467	75	0	0	0	0	0	0	0	0	0
Jameson College	6,500	22,500	36,000	196,500	80,000	8	278,000	0	0	0	0	0	0	0	0	0	0
University of North Dakota	62,000	293,867	110,020	507,810	81,000	8	2,081,150	352	0	0	0	0	0	0	0	0	0
OHIO.																	
Ohio Northern University	7,200	13,000	20,000	236,000	100,000	64	100,000	100	100	0	0	0	0	0	0	0	0
Municipal University of Akron	13,000	61,000	95,000	308,000	67,574	3	67,574	0	0	0	0	0	0	0	0	0	0
Mount Union College	12,000	179,173	110,000	123,064	369,332	70	369,332	0	0	0	0	0	0	0	0	0	0
Ohio University	17,000	289,000	841,632	489,322	582,028	47	582,028	0	0	0	0	0	0	0	0	0	0
Baldwin-Wallace College	16,944	80,000	9,000	120,000	217,000	2	217,000	0	0	0	0	0	0	0	0	0	0
Rhodes College	4,115	12,000	2,000	40,000	103,220	100	103,220	0	0	0	0	0	0	0	0	0	0
Kenyon College	3,000	15,000	15,000	15,000	15,000	100	15,000	0	0	0	0	0	0	0	0	0	0
College of Pharmacy	2,000	4,000	20,000	15,000	60,000	0	60,000	0	0	0	0	0	0	0	0	0	0
Cincinnati Veterinary College	1,200	6,000	7,500	60,000	60,000	0	60,000	0	0	0	0	0	0	0	0	0	0
Eclectic Medical College	40,000	60,000	50,000	150,000	546,703	0	546,703	0	0	0	0	0	0	0	0	0	0
Hebrew Union College	40,000	60,000	50,000	150,000	546,703	0	546,703	0	0	0	0	0	0	0	0	0	0
Lane Theological Seminary	23,500	15,000	15,000	452,808	452,808	0	452,808	0	0	0	0	0	0	0	0	0	0

1 \$25 to nonresidents.

2 Junior college.

TABLE 28.—Universities, colleges, and professional schools—Property, fellowships and scholarships. *See 1917-18—Continued.*

Institutions.	2	3	4	5	6	7	Amount given in fellowships and scholarships.				Tuition fees.			
							8	9	10	11	12	13	14	
OHIO—continued.														
Mount St. Mary's Seminary of the West.....	15,000	\$110,000	\$10,000	\$200,000		\$130,000			0	0	0	0	0	0
St. Xavier College.....	20,661	577,200	565,000	375,000		861,698	53	\$1,400	\$80	0	0	0	0	0
University of Cincinnati.....	83,000	288,072	422,308	1,487,664		2,311,359	10		0	\$90	0	\$200	0	0
Case School of Applied Science.....	13,824	65,000	183,750	192,000			18		70	0	0	0	0	0
St. Ignace College.....	17,000													
St. Mary's Theological Seminary.....	129,000													
Western Reserve University.....	9,000	18,000	50,000	104,000	\$53,000	215,000	142		40	0	0	0	0	0
Capital University.....	164,268	1,714,453	2,053,104	3,044,782	661,490	1,035,678	80	9,770	30	30	0	150	0	\$150
Ohio State University.....	4,500	16,000	30,000	126,000		330,036	6	380	0	0	0	0	0	0
Bonbrake Theological Seminary.....	8,000	72,980	20,000	100,000		109,332			80	0	0	0	0	0
Central Theological Seminary.....	8,000	72,980	20,000	100,000		321,775			80	0	0	0	0	0
Peduncle College.....	90,000	178,400	56,300	1,026,000	219,000	1,217,000	56	14,461	90	0	0	0	0	0
Ohio Wesleyan University.....	8,560	12,000	10,000	96,000	6,000	146,476			50	0	0	0	0	0
Findlay College.....	27,800	92,554	60,384	490,500	265,000	629,469	22	4,810	70	0	0	0	0	0
Keseyon College.....	16,800	86,768	14,788	106,660	85,000	449,924			70	0	0	0	0	0
Hiram College.....	57,800	60,000	100,000	186,000	20,000	666,933			50	0	0	0	0	0
Mariposa Col. College.....	7,000	24,660	22,856	120,722	156,528	156,528			60	0	0	0	0	0
Miami University.....	80,700	219,506	71,200	782,900	180,000	118,107			30	0	0	0	0	0
Orford College for Women.....	20,512	86,843	26,350	367,997	191,250	277,417	11	10,255	150	0	0	0	0	0
Lake Erie College.....	14,290	80,849	62,500	246,624	114,217	277,867	18	2,315	125	0	0	0	0	0
Rio Grande College.....	6,000	10,000	2,160	87,000		73,000	9	125	44	0	0	0	0	0
Wittenberg College.....	27,500	36,500	112,500	281,865	106,735	509,080			75	0	0	0	0	0
Heidelberg College.....	18,000	40,000	110,000	100,000	106,735	367,600			175	0	0	0	0	0
St. John's University.....	8,500	38,000	30,000	100,000	100,000	367,600			60	0	0	0	0	0
Toledo University.....	20,154	41,045	28,500	137,000	15,000	15,000	15	840	60	0	0	40	0	0
Osareben University.....	6,000	42,200	60,500	197,000	36,000	275,400	5	220	55	0	0	0	0	0
Wilamington College.....	41,800	106,845	77,722	796,537	13,500	150,000			75	0	0	0	0	0
College of Wooster.....	41,800	106,845	77,722	796,537	285,372	1,128,418			0	0	0	0	0	0
United Presbyterian Theological Seminary.....	12,000	10,000	10,000	16,000	5,000	206,635			0	0	0	0	0	0
Antioch College.....	12,000	38,582	10,000	184,300	50,000	115,000			42	0	0	0	0	0

4

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS. 869

	4,500	36,000	16,374	260,611	100,000	205,000	F4	500	0	0	0	0	0
OKLAHOMA.													
Oklahoma College for Women	4,500	36,000	16,374	260,611	100,000	205,000	F4	500	0	0	0	0	0
Phillips University	4,820	11,860	83,500	160,000	25,000	65,000	20	100	60	0	0	0	0
Methodist University of Oklahoma	3,000	12,000	10,000	65,000	35,000	147,817	1	100	40	0	0	0	0
Kingfisher College	6,407	271,110	101,889	705,560	87,000	3,670,000	2	550	0	0	0	0	0
University of Oklahoma	20,000	343,816	60,000	538,516				1,000	0	0	0	0	0
Oklahoma Agricultural and Mechanical College	27,049												
OKLAHOMA.													
Albany College	7,937	11,252	54,300	19,000	4,000	283,905	4	1,853	50	0	0	0	0
Oregon State Agricultural College	41,000	441,425	451,691	1,046,539	101,000	202,664		0	0	0	0	0	0
Eugene Bible University	5,925	7,733	40,000	71,000	10,000	326,000	0	0	0	0	0	0	0
University of Oregon	84,774	231,428	319,000	630,609	105,519	35,000	3	0	0	40	0	0	0
Pacific University	20,000	17,673	30,000	150,000	50,000	212,961		3,000	60	0	0	0	0
McMinnville College	4,600	19,844	58,200	37,475	15,000	172,028		0	57	0	0	0	0
Columbia Junior College	1,068	2,000	10,000	45,000	7,300	114,000		0	54	0	0	0	0
Pacific College	3,500	8,000	30,000	100,000	100,000	2,000,000		0	100	0	0	0	0
North Pacific College	12,000	67,668	172,000	440,073	165,474	21,407		0	0	0	0	0	0
Reed College	2,500	8,500	18,000	18,000	18,000	561,000		0	0	0	0	0	0
Kimball School of Theology	2,500	8,500	18,000	18,000	18,000			0	0	0	0	0	0
Willamette College	11,500	263,000	82,300	155,247	35,000	6,000		305	125	0	0	0	0
ALABAMA.													
Alabama College for Women	5,000	10,620	50,000	155,247	35,000	6,000		305	125	0	0	0	0
Lebanon Valley College	8,000	48,200	34,300	253,500	99,000	65,875	27	18	90	0	0	0	0
E. Vincent College	50,000								60	0	0	0	0
Beaver College	2,000	8,000	3,000	90,945		9,450		500	100	0	0	0	0
Moravian College	11,000	20,000	119,000	112,240		34,000		1,500	100	0	0	0	0
Moravian Seminary and College for Women	5,000	26,000	125,000	2,495,000	707,000	2,300,336	4	25,130	200	0	0	0	0
Bryn Mawr College	86,700	325,726	238,000	505,000	132,000	378,455	102	3,781	125	0	0	0	0
Dickinson College	34,000	79,000	90,000	248,897	125,063	84,052	2	3,015	125	0	0	0	0
Wilkes College	14,000	85,138	44,478	200,000	108,500	215,100		0	110	0	0	0	0
Cresser Theological Seminary	29,000	26,850	45,000	209,000	108,500	646,929	22	0	100	150	0	0	0
Urquhart College	13,000	309,978	265,864	890,735	100,000	420,000	31	0	100	100	0	0	0
Lakewood College	42,000	70,000	80,000	420,000	100,000		30	0	0	0	0	0	0
Pennsylvania College													
Theological Seminary of the General													
Board of the Evangelical Lutheran													
Trinity College	15,796	40,000	25,000	200,000	125,000	273,000		725	0	0	0	0	0
Trinity University	11,000	60,000	51,000	175,000	40,000	70,000	20	0	50	0	0	0	0
Grove City College	15,000	34,445	50,838	366,685	164,578	231,657		0	87	0	0	0	0
Haverford College	75,200	200,000	1,500,000	750,000	200,000	2,674,298	70	14,000	150	0	0	0	0
Franklin and Marshall College	48,000	92,500	150,000	234,000	119,875	556,965		0	110	0	0	0	0
Theological Seminary of the Reformed Church in the United States													
Blackwell University	18,500	40,000	60,000	275,000	100,000	394,277		0	0	0	0	0	0
Lincoln University (colored)	15,023	36,000	30,900	523,000	270,900	536,245		0	150	175	0	0	0
				285,933	73,000	681,982			25				



TABLE 28.—Universities, colleges, and professional schools—Property, fellowships and scholarships, fees, 1917-18—Continued.

Institutions.	2	3	4	5	6	7	8	9	Tuition fees.				14	
									10	11	12	13		
PENNSYLVANIA—continued.														
Allegheny College.....	44,000	\$204,762	\$142,075	\$499,050	\$135,000	\$906,584	50	\$5,639	\$125	0	0	0	0	0
Meadville Theological School.....	39,000	26,377		101,475		820,723	1			0	0	0	0	0
Irving Penna. College.....	10,000	20,000		80,000			26	2,700	100	0	0	0	0	0
Lightsight College.....	10,000	20,000	45,000	160,000	90,000	300,000	23		75	0	0	0	0	0
Washington College.....	42,675	30,000	44,500	175,000	60,000	500,000			90	0	0	0	0	0
Westminster College.....	18,294	566,502	250,000	654,000		2,050	4	2,000	100	\$100	0	0	0	0
York College.....	8,000	30,000	2,000,000	101,430		\$38,340	2		0	0	0	0	0	0
Jefferson Medical College.....	10,000	20,000	100,000	1,500,000		1,008,000			100	0	0	\$210	0	0
La Salle College.....	27,453	25,000	100,000	400,000	40,000	400,000	21	700	150	0	0	0	0	0
Lebanon Theological Seminary.....	13,000	80,000	250,000	350,000		14,000	1		150	0	0	0	0	0
Pittsburgh College of Pharmacy.....	12,000	45,000	250,000	530,000	51,116		96		75	75	\$300	150	0	\$150
St. Joseph's College.....	11,357	80,000	2,741,453	7,074,937	1,089,604	8,487,489		27,273	200	200	200	200	200	200
Temple University.....	451,000	3,190,770	709,147	7,074,937	1,089,604	438,691	18	3,031	0	0	0	0	0	0
University of Pennsylvania.....	2,500	24,000	709,147	4,352,174	328,920	9,150,000		990	150	0	0	0	0	0
Carnegie Institute of Technology.....	6,000	70,000	250,000	250,000	95,000				150	0	0	0	0	0
Pennsylvania College for Women.....	15,000	18,583	20,000	100,000		299,230	8	948	0	0	0	0	0	0
Pittsburgh Theological Seminary of the * United Presbyterian Church.....	5,000	15,000		25,000		60,500			0	0	0	0	0	0
Returned Presbyterian Theological Seminary.....	33,000	338,767	593,263	969,842		597,541			150	150	150	150	200	200
University of Pittsburgh.....	35,000	100,000	1,500,000	497,055	60,000	927,409	67	2,300	0	0	0	0	0	0
Theological Seminary.....	16,000	30,000	15,000	140,000		80,000			0	0	0	0	0	0
Susquehanna University.....	145,000	600,000	100,000	1,600,000	162,000	3,054,300			100	150	200	0	0	0
Lehigh University.....	70,300	980,701	148,180	1,962,668	356,390	300,000	92		175	175	0	0	0	0
Pennsylvania State College.....	32,000	100,319	767,652	848,088	356,289	2,005,607	10	1,300	100	100	150	0	0	0
Sweetbriar College.....	12,800	300,000	790,000	700,000		972,228	130		60	100	150	0	0	0
Villanova College.....	28,787	66,000	151,700	170,000		74,447	9	1,158	65	0	0	0	0	0
Washington and Jefferson College.....	9,000	25,000	50,000	300,000										
Waynesburg College.....														



TABLE 28.—Universities, colleges, and professional schools.—Property, fellowships and scholarships. fees, 1917-18.—Continued.

Institutions.	Bound volumes in library.	Value of library, scientific apparatus, machinery, and furniture.	Value of grounds (including farm).	Value of buildings (including dormitories).	Value of dormitories (included in column 5).	Endowment funds.	Fellowships and scholarships.	Amount given in fellowships and scholarships.	Tuition fees.										
									Arts and sciences.	Engineering.	Law.	Medicine.							
<b>TENNESSEE—continued.</b>																			
Tennessee College.....	3,260	\$20,000	\$50,000	\$80,000		\$10,000	66	\$6,960	\$87	0	0	0	0	0	0	0	0	0	
Peck University (colored).....	12,000	86,632	74,951	355,197	\$151,600	2,063,028	78	1,512	30	0	0	0	0	0	0	0	0	0	
George Peabody College for Teachers.....	40,000	69,408	485,692	832,744	160,000	54,314	0	0	0	0	0	0	0	0	0	0	0	0	
Mohr Medical College (colored).....	1,000	20,000	327,920	1,411,352	279,556	3,457,212	5	50	103	\$150	150	160	0	0	0	0	0	0	
Vanderbilt University.....	67,000	16,000	16,000	1,411,352	279,556	3,457,212	5	50	103	\$150	150	160	0	0	0	0	0	0	
Martin College.....	1,600	6,000	16,000	1,411,352	279,556	3,457,212	5	50	103	\$150	150	160	0	0	0	0	0	0	
Rustin-Cave College.....	2,000	20,000	16,000	1,411,352	279,556	3,457,212	5	50	103	\$150	150	160	0	0	0	0	0	0	
University of the South.....	27,801	120,000	55,482	601,978	152,000	454,567	39	6,529	45	0	0	0	0	0	0	0	0	0	
Washington College.....	3,000	10,000	30,000	25,000	15,000	65,000	17	0	30	0	0	0	0	0	0	0	0	0	
<b>TEXAS.</b>																			
Austin Presbyterian Theological Seminary.....	4,000	10,000	10,000	100,000	35,000	40,000	11	0	0	0	0	0	0	0	0	0	0	0	
University of Texas.....	158,061	800,000	158,000	2,050,000	252,000	2,000,000	11	1,710	0	0	0	0	0	0	0	0	0	0	
Baylor Female College.....	6,602	60,553	40,000	270,000	170,000	2,000	0	0	0	0	0	0	0	0	0	0	0	0	
Howard Payne College.....	6,000	30,000	63,000	125,200	45,000	2,000	0	0	0	0	0	0	0	0	0	0	0	0	
Carroll College.....	23,000	13,000	25,000	150,000	65,000	0	0	0	0	0	0	0	0	0	0	0	0	0	
Agricultural and Mechanical College of Texas.....	20,000	533,121	149,065	1,762,394	396,000	269,000	10	13,174	0	0	0	0	0	0	0	0	0	0	
Southern Methodist University.....	10,000	92,317	667,541	2,118,517	365,000	249,092	15	0	35	0	0	0	0	0	0	0	0	0	
College of Industrial Arts.....	12,000	107,460	83,500	740,023	365,000	0	0	0	0	0	0	0	0	0	0	0	0	0	
Southern Baptist Theological Seminary.....	6,000	0,000	40,000	304,000	300,000	430,000	6	4,100	0	0	0	0	0	0	0	0	0	0	
Daly.....	16,487	29,714	119,113	270,000	179,150	0	0	0	85	0	0	0	0	0	0	0	0	0	
Texas Christian University.....	6,000	130,832	57,500	434,536	205,500	279,732	6	569	100	0	0	0	0	0	0	0	0	0	
Texas Woman's College.....	23,000	455,000	234,000	1,488,000	536,000	10,000,000	6	3,250	105	0	0	0	0	0	0	0	0	0	
Southwestern University.....	14,000	455,000	234,000	1,488,000	536,000	10,000,000	6	3,250	105	0	0	0	0	0	0	0	0	0	
Westminster College.....	3,800	7,000	10,000	90,000	14,000	8,000	0	0	66	0	0	0	0	0	0	0	0	0	
Texas Military College.....	2,100	10,000	30,800	70,000	35,000	0	0	0	0	0	0	0	0	0	0	0	0	0	
Third Springs Christian College.....	5,000	88,805	100,000	491,740	171,977	354,947	17	0	75	0	0	0	0	0	0	0	0	0	
Baylor University.....	30,474	88,805	100,000	491,740	171,977	354,947	17	0	75	0	0	0	0	0	0	0	0	0	

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

873

State	Institution	Students	Faculty	Library	Buildings	Land	Equipment	Operating	Capital	Endowment	Resident	Nonresident	Total	
UTAH	Utah Agricultural College	3,773	189,924	23,700	658,700	21,000	21,000	177	1,044	1,044	0	0	0	
	University of Utah	53,065	100,000	50,000	750,000	21,000	21,000	177	1,044	1,044	0	0	0	
	VERMONT	University of Vermont and State Agricultural College	96,940	286,222	77,000	1,180,000	1,083,523	177	1,044	1,044	123	0	0	0
		Middlebury College	45,000	134,965	25,965	604,760	1,032,668	105	8,394	8,394	101	0	0	0
		Norwich University	17,600	62,500	9,884	128,450	75,000	205	6,880	6,880	201	0	0	0
VIRGINIA	St. Michael's College	5,600	970,000	10,000	40,000	0	2	0	0	50	0	0	0	
	Randolph-Macon College	16,840	22,020	20,000	193,450	444,001	25	2,125	2,125	75	0	0	0	
VIRGINIA (cont.)	Virginia Polytechnic Institute	34,827	178,000	80,000	613,000	80,000	35	0	0	14	0	0	0	
	Blackstone College for Girls	2,500	30,000	15,000	86,000	80,000	3	400	400	75	0	0	0	
	Bridgewater College	2,500	22,000	25,000	100,000	75,000	0	0	0	40	0	0	0	
	Bullitt's College	1,200	32,333	0	160,000	105,883	56	10,367	10,367	135	10	0	0	
	University of Virginia	100,000	2,000	2,000	1,504,188	2,277,775	3	0	0	16	0	0	0	
	Daleville College	2,000	9,750	0	56,500	28,000	0	0	0	54	0	0	0	
	Averett College	1,400	25,000	28,000	101,000	30,000	0	0	0	114	0	0	0	
	Emory and Henry College	12,000	26,000	20,000	100,000	60,000	0	0	0	100	0	0	0	
	Hampden-Sydney College	22,000	44,622	50,000	248,168	191,405	25	0	0	100	0	0	0	
	Hollins College	7,500	27,591	37,500	989,395	34,200	65	0	0	105	0	0	0	
	Virginia Military Institute	50,000	126,745	59,979	476,023	53,187	21	2,058	2,058	105	125	0	0	
	Washington and Lee University	16,500	154,861	60,000	490,095	120,000	3	0	0	30	0	0	0	
	Randolph-Mason Women's College	3,400	30,000	30,000	185,000	110,000	28	500	500	50	0	0	0	
	College of William and Mary	3,800	30,000	30,000	150,000	75,000	0	0	0	24	0	0	0	
	Virginia Theological Seminary and College	4,000	7,500	0	100,000	20,000	5	0	0	30	0	0	0	
	Marion College	2,000	15,000	15,000	75,000	75,000	0	0	0	0	0	0	0	
	Medical College of Virginia	4,500	81,341	86,040	367,213	0	0	0	0	14	0	0	130	
	Richmond College	30,000	76,000	250,000	1,000,000	212,125	100	0	0	100	0	0	0	
	Union Theological Seminary	29,700	90,000	118,000	779,818	1,050,000	73	8,047	8,047	10	0	0	0	
	Virginia Union University (colored)	13,000	15,000	50,000	250,000	103,000	20	0	0	0	0	0	0	
	Elizabeth College	3,000	9,000	15,000	59,400	53,000	8	0	0	0	0	0	0	
	Roanoke College	25,000	86,000	36,000	182,000	155,239	29	0	0	0	0	0	0	
	Street Brar College	6,000	69,520	60,000	488,510	174,752	10	0	0	0	0	0	0	
	Theological Seminary of the Protestant Episcopal Church in Virginia	32,000	40,000	50,000	100,000	780,000	20	0	0	0	0	0	0	
	College of William and Mary	17,500	75,000	50,000	280,000	151,327	6	0	0	240	0	0	0	
WASHINGTON	State College of Washington	64,000	327,820	117,124	1,278,590	83,300	0	0	4,800	4,800	0	0	0	
	University of Washington	108,117	604,561	1,041,250	1,118,926	35,828	15	15,177	15,177	20	0	0	0	
	Gonzaga University	14,000	62,000	225,000	1,560,000	21,500	27	6,334	6,334	75	0	0	0	
	Whitman College	27,535	83,924	225,000	168,300	645,523	27	0	0	100	0	0	0	

Junior college. \$40 to nonresidents.



TABLE 28.—Universities, colleges, and professional schools—Property, fellowships, and scholarships, fees, 1917-18—Continued.

Institutions.	2	3	4	5	6	7	8	9	Tuition fees.					
									10	11	12	13	14	
<b>WEST VIRGINIA.</b>														
Maria Harvey College.....	2,800	\$20,000	\$10,000	\$83,000	\$41,000	\$178,436			\$50	0	0	0	0	0
West Virginia Wesleyan College.....	10,000	38,735	65,785	182,643	25,892	171,000	5		50	0	0	0	0	0
Davis and Elkins College.....	2,500	8,000	25,000	70,000	60,000	110,000			(1)	(1)	(1)	(1)	(1)	0
West Virginia University.....	64,826	300,000	300,000	800,000										0
<b>WISCONSIN.</b>														
Lavaca College.....	37,112	146,365	105,957	500,900	380,286	1,188,442		\$905	70	0	0	0	0	0
Rebet College.....	60,000	180,000	180,000	441,678	101,500	2,085,319	10	6,059	100	0	0	0	0	0
University of Wisconsin.....	285,000	1,712,488	2,137,311	4,769,488	362,000	704,399	102	19,050	(1)	(1)	(1)	(1)	0	0
Milton College.....	13,000	20,000	7,500	65,000	7,000	200,000	7	1,386	50	0	0	0	0	0
Marquette University.....	13,000	306,300	417,800	1,200,000	202,553	1,200,000	9	0	60	125	\$100	\$200	\$170	0
Milwaukee-Downer College.....	18,000	236,932	447,457	1,690,000	110,000	29,447	8	0	0	0	0	0	0	0
Wisconsin Home.....	18,000	50,000	7,000	169,000	303,472	338,523	1	898	75	0	0	0	0	0
St. John College.....	25,047	53,074	7,000	250,000	91,640	348,560	1	0	70	0	0	0	0	0
Carroll College and Academy.....	10,000	194,031	31,000	208,000	40,000	348,560			0	0	0	0	0	0
Evangelical Lutheran Theological Seminary.....	9,000	21,000	48,900	60,000	50,000				0	0	0	0	0	0
<b>WYOMING.</b>														
University of Wyoming.....	41,000	304,000	100,000	487,000	80,000	239,339	45	730	0	0	0	0	0	0

\* \$25 to residents; \$50 to nonresidents.

\* \$50 to nonresidents.





UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

TABLE 28.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18.

Institutions.	From student fees.			From State or city.	From United States Government.	From private benefactions.			Total receipts.	Total receipts (exclusive of additions to endowments).			
	For tuition and other educational services.	For room and board.	For board, etc.			For increase of plant.	For current expenses.	For endowment.			For current expenses.		
	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>ALABAMA.</b>													
Alabama Polytechnic Institute.....	\$13,242	\$1,433		\$21,440		\$102,415	\$125,761				\$18,745	\$283,116	\$283,116
Birmingham-Southern College.....	10,632	3,000	\$22,950	4,000					\$61,000		15,000	110,552	110,552
Howard College.....	11,300	1,800	9,000	7,000					25,000			69,100	69,100
Judson College.....	40,000		31,615	2,875								94,483	94,483
Martins College.....	80,000		100,000									180,000	180,000
Alabama Bible Technical Institute.....													
Woman's College of Alabama.....	35,298		40,498	18,373		36,000		\$5,000			1,722	54,473	54,473
St. Bernard College.....				3,500								46,563	46,563
Spring Hill College.....	20,373	2,400	38,848					12,300			9,745	83,964	83,964
Shiloh College (colored).....	8,225	5,600	16,500	10,000		60,000				21,317	580	62,650	62,650
University of Alabama.....	43,345	9,679	7,623	65,453						4,100	4,532	194,733	194,733
<b>ARIZONA.</b>													
University of Arizona.....	6,782	3,083	41,827	18,448	\$100,000	263,073	94,574				27,185	555,992	555,992
<b>ARKANSAS.</b>													
Federick-Brown College.....	20,229		12,298	1,000					200			34,677	34,677
Quachita College.....	2,500	250	2,500	1,000						5,000		11,250	11,250
Arkansas Cumberland College.....	16,375	1,511	15,819									33,705	33,705
Central Baptist College.....	12,686	1,332	11,745	13,050								39,733	39,733
Hendrix College.....	15,500	25,500		6,183		219,538	180,440	1,200		2,000	6,214	45,206	45,206
Crescent College.....	15,709	1,300										369,774	369,774
University of Arkansas.....													
Arkansas Law School.....													
St. John's Diocesan Seminary.....													

1 Junior college.

TABLE 29.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18—Continued.

Institutions.	From student fees.			From productive funds.	From State or city.		From United States Government.	From private benefactors.			From all other sources.	Total receipts.	Total receipts (exclusive of additions to endowments).
	For tuition and other educational services.	For room rent.	For board, etc.		For increase of plant.	For current expenses.		For increase of plant.	For endowment.	For current expenses.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
CALIFORNIA.													
Bakersfield Junior College.....													
University of California.....	\$20,215			\$226,316	\$246,361	\$1,979,068	\$119,433	\$43,090	\$122,176	\$75,286	\$641,142	\$3,732,986	\$3,610,810
Berkeley Baptist Divinity School.....								9,000		4,200		13,200	13,200
Pacific Unitarian School for the Ministry.....	54	\$97		12,080					129,519	672	398	142,817	13,298
Pennons College.....	60,394	\$,717		44,056				7,000	18,869	1,766	4,023	147,367	126,559
Fresno Junior College.....		2,065				10,000				3,091		22,000	22,000
Fullerton Junior College.....	25,637			18,449						8,810	6,124	52,242	52,242
Orcutt College.....	115,668			16,610				28,000	1,150,000			40,000	40,000
University of Southern California.....	12,000										8,442	168,682	168,682
St. Francis Seminary.....	40,118	24,000	73,890	15,103						6,173		111,488	111,488
M.H. College.....	20,025	5,800	46,398	20,431				7,310		53,858	161	106,916	106,916
St. Mary's College.....	23,874	3,107	8,880	2,686						15,249	5,212	54,110	54,110
University of Redlands.....	18,975												
San Francisco Theological Seminary.....				25,783						3,389		29,182	29,182
College of the Pacific.....	36,453	3,987	23,435	11,006					1,500	10,129	1,948	86,513	87,013
San Luis Obispo Junior College.....													
Santa Ana Junior College.....													
University of Santa Clara.....	71,633	6,611									14,778	93,072	93,072
Leland Stanford Junior University.....	194,041	700	50,000	900,000							355,407	1,409,448	1,409,448
Whittier College.....	12,000		6,500	9,000								27,300	27,300
COLORADO.													
University of Colorado.....	54,000	700	42,565	4,000	80,000	310,000					40,000	488,200	488,200
Colorado College.....	37,892	13,320	30,137	75,066					371,025	2,544	11,765	554,476	137,461
College of the Sacred Heart.....	9,887										9,901	50,755	50,755

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS:

877

Trinity College	115	7,270	13,624	15,506	72,000	178,450	102,780	9,288	67,109	8,078	14,724	116,746	15,986
Colorado Agricultural College	24,323			21,217		100,532				8,078	14,724	116,746	15,986
State School of Mines	11,193					161,800				1,824	5,001	116,746	37,631
Colorado State Teachers College	47,847									16,271	1,921	283,571	116,746
Colorado Women's College	9,756	4,467								486,414	1,147	283,571	283,571
University of Denver	48,758									140,564	1,147	131,547	64,438
CONNECTICUT													
Trinity College	12,886	1,691		76,881					40,447	8,078		130,963	99,506
Harvard Divinity School										1,824		26,800	23,385
Yale University	44,943	12,081		132,576					3,411	16,271		283,076	283,562
Connecticut College for Women	357,462	130,072		1,119,646					1,279,049	486,414		4,622,028	3,242,330
Connecticut Agricultural College	17,700			6,810		92,637	78,726		27,470			481,810	463,410
DELAWARE													
Delaware College	15,402			26,205	125,000	61,332	94,133	30,000			37,000	427,949	427,949
DISTRICT OF COLUMBIA													
American University	306			26,646						882		34,761	33,258
Catholic University of America	42,806	24,966		76,381					1,523	97,918		568,150	380,076
Georgetown University	163,275			6,749					1,78,074	97,918		568,150	380,076
Howard University	68,874	10,466		15,714					9,849	531		250,512	246,063
National University Law School	41,710	20,000		81,147			101,040		1,452	3,115		221,688	223,246
Washington College of Law	8,300			257					250			142,857	142,857
FLORIDA													
John E. Stetson University	19,889	5,300		18,700								91,372	91,372
University of Florida	3,000			15,004		14,394				64,047	1,000	315,146	315,146
Florida State College for Women	12,407			2,084		100,180	82,298					280,049	280,049
Rollins College	7,211	3,797		15,759						22,500	1,715	50,332	50,332
GEORGIA													
University of Georgia	12,806	5,150		25,579		244,629	110,462		360	2,265	59,938	400,797	400,437
Atlanta University (colored)	11,781	3,701		9,844					3,858	34,038	9,578	84,714	80,846
Gammon Theological Seminary (colored)	1,051			27,648					5,991			28,099	28,099
Morehouse College (colored)	63,756			1,200		30,000	114,291					283,003	107,612
Morris Brown University (colored)	2,708									38,000		53,908	53,908
Clark College													

TABLE 29.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18—Continued.

Institutions.	From student fees.			From productive funds.	From State or city.		From private benefactions.			From all other sources.	Total receipts.	Total receipts (exclusive of additions to endowments).	
	For tuition and other educational services.	For room rent.	For board, etc.		For increase of plant.	For current expenses.	For increase of plant.	For endowment.	For current expenses.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>GEORGIA—continued.</b>													
North Georgia Agricultural Col- lege.....	81,500		817,500	85,483		226,500					82,066	848,486	848,486
Agnes Scott College.....	46,600		71,752					7,500	22,000		9,125	172,927	172,927
Brenau College.....	64,276	20,347	72,138	922					31,372		1,122	173,389	173,389
Leesville Female College.....	18,052	1,011	17,711								1,570	39,190	39,190
Southern Female College.....	5,000		5,000	26,122					35,500		904	11,600	11,600
Mercer University.....	10,026		62,840	6,586					7,611		1,303	75,905	75,905
Wesleyan Female College.....	56,066		7,197	40,000					515,750		1,200	56,617	56,617
Oglethorpe University.....	36,300		21,600	103,350				645,500			31,200	1,303,655	847,905
Emory University.....	31,179		60,260	2,800				300			1,923	95,129	95,129
Shurtleff College.....	2,685		3,681	2,867					5,000			28,026	23,026
Clark University (colored).....													
<b>HAWAII.</b>													
College of Hawaii.....	112				\$11,363	22,583	\$50,000				5,027	89,085	89,085
<b>IDaho.</b>													
College of Idaho.....	3,874	1,066	1,365	5,884		119,890	94,590		13,062	13,999	9,649	38,485	24,823
University of Idaho.....	2,500	1,800	8,970	101,276	56,000	164,172	125				9,892	393,740	19,378
Idaho Technical Institute.....	1,646	1,084		10,000	40,000							227,489	-227,489
<b>ILLINOIS.</b>													
Hocking College.....	13,402	2,967	5,642	13,322				494				31,306	31,306
Aurora College.....	3,156	3,153		2,756					31,856		261	51,224	19,378
Illinois Wesleyan University.....	26,469			26,799							2,044	56,970	56,970
St. Victor College.....	9,178	2,120	11,156	4,908							4,837	38,669	38,669
Blackburn College.....	8,200			14,941								84,247	84,247
Carthage College.....	91,274	6,459	13,758	142,463				41,245	40	19,830		223,630	223,630
Arizona Institute of Technology.....				1,531				20,226	4,235	6,031		55,514	51,279
Seabury Bible School.....													

	6,000				1,450								10,450	10,450
Central States College of Pharmacy														
Chicago-Kent Law School	1,785				31,327								28,672	28,613
Chicago Theological Seminary	27,000												27,000	
Chicago Veterinary College														
Evangelical Lutheran Theological Seminary					20,000								111,400	46,800
Hahnemann Medical College	9,434				13,400								39,037	39,037
Hamilton College of Law	39,504				72,980								26,404	26,404
Lewis Institute	77,949				72,325								120,598	120,598
Loyola University	83,900												126,529	126,529
McCormick Theological Seminary														
University of Chicago	785,650				83,949								109,890	95,000
Western Theological Seminary					1,460,906								11,193	3,310,162
Western Illinois University	44,666				202,550								193,877	4,790,152
Yates College	19,479				300								56,166	21,166
Yates College Institute	3,779				15,248								143,877	103,877
Yates College University	672,068				2,483								87,283	82,983
Norwegian-Danish Theological Seminary					16,378								146,965	147,539
Swedish Theological Seminary					79,980								1,090,744	1,090,744
Knox College	31,991				1,942								2,700	3,000
Lombard College	13,079				38,204								1,772	3,714
Monticello Seminary	77,502				4,827								1,966	108,980
Greenville College	14,231				6,376								1,061	108,458
Illinois College	24,819				377								1,819	24,880
Illinois Wesleyan College	35,406				28,148								254	66,722
Joliet Junior College					11,094								9,965	61,985
Lake Forest College														
MacKendree College	7,022				8,074								15,000	41,814
Marion College	20,910				5,600								2,590	9,180
Evangelical Theological Seminary	31,526				18,431								213	94,614
Northwestern College					2,418								6,536	60,580
Bradley Polytechnic Institute	26,407				3,103								1,721	4,824
Rockford College	33,029				11,184								80,060	44,592
Augustana College	24,931				68,783								85,783	85,783
Concordia Theological Seminary					12,772								103,000	101,852
Shurtleff College	6,797				21,762								41,218	142,021
University of Illinois	239,591				9,070								3,199	25,856
Wheaton College	12,223				32,451								272,598	3,075,409
					12,403								1,104	48,853
					2,066,263								7,916	48,853
					200,000									
					1,200									
					590,671									
Indiana University	101,545				45,611									754,862
Walsh College	10,909				26,700									103,296
Earlham College	20,277				27,200									97,773
					45,717									4,579

1 Junior college.

TABLE 29.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18—Continued.

Institutions.	From student fees.			From State or city.	From private benefactions.			From all other sources.	Total receipts.	Total receipts (exclusive of additions to endowments).			
	From student fees.		From State or city.		From private benefactions.		From all other sources.						
	For tuition and other educational services.	For room rent, board, etc.			For increase of plant.	For current expenses.							
	2	3	4	5	6	7	8	9	10	11	12	13	14
INDIANA—continued.													
Franklin College.....	20,263	84,135	87,246	22,870				22,248	26,139	22,419	81,479	846,848	860,709
Gooden College.....	14,612	4,206	13,173	1,170						5,791	2,899	39,345	39,345
De Pauw University.....	66,735	16,206	36,496	66,927						12,960		186,203	186,203
Hanover College.....	6,907			1,875					35,447	1,446	11,402	55,675	55,675
Butler College.....	27,183		8,284	19,610					250,000	20,000		79,354	87,739
Indiana Central University.....	5,000			6,000								281,000	31,000
Indiana College of Pharmacy.....	44,540										14,852	59,392	59,392
Indiana Dental College.....	23,461										307,782	16,445	16,445
Indiana Wesleyan College.....	23,461	2,200		29,499	\$184,008	\$477,050	\$140,483			4,732		1,204,862	1,204,862
Furdess University.....	118,660										6,000	38,600	38,600
St. Mary's College and Academy.....	5,400		27,200	32,500							1,000	43,800	43,800
St. Meinrad Seminary.....	11,330			12,000								15,500	15,500
St. Xavier Seminary.....	2,500												
Vanderburgh University.....													
IOWA.													
Iowa State College of Agriculture and Mecha-	90,358	15,596	46,967	35,417	267,500	889,000	124,432	2,000	1,000		232,650	1,704,909	1,704,909
nical Arts.....	52,766	25,799		40,954	37,000	389,500					13,831	518,895	518,895
Iowa State Teachers College.....	41,607	5,091	16,064									103,416	103,416
Coe College.....	6,467			16,459						16,960	210	23,911	23,911
Warburg College.....	4,064	4,070	11,170	18,459				689		11,157	215	48,043	48,043
Luther College.....	64,601	24,500	53,200	19,000				9,000	18,518	9,518	37,037	226,174	207,656
Des Moines College.....	134,325			49,045						10,909	9,534	204,013	204,013
Drake University.....	27,996	13,836	70,658	12,000					1,000,000			1,124,390	124,390
Yubaqua College, Fourteenth Street.....	27,064	10,200	27,530	14,240				5,000		46,050	44,109	141,483	141,483
Dubuque College and Seminary.....	20,150			15,000								72,880	72,880
Mount St. Joseph College.....				1,675								36,792	36,689
Warburg Theological Seminary.....	12,327	1,584	5,164	11,455				972				46,527	33,451

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

Grinnell College.....	78,942	144,335	70,615	11,620	54,547	8,800	359,609	348,359
Stamps College.....	25,000	31,860	20,000	30,000	8,800	8,800	92,000	62,600
State University of Iowa.....	118,313	17,692	22,904	275,000	924,916	381,462	1,772,147	1,772,147
Elmhurst College.....	12,830	1,625	9,250	.....	.....	665	33,400	33,400
Greenwood College.....	11,232	3,189	8,907	.....	.....	3,325	38,053	38,053
Iowa Wesleyan College.....	32,394	2,500	7,000	.....	.....	1,000	41,894	41,894
Cornell College.....	51,345	503	4,978	1,997	63,006	20,183	187,168	124,102
Central Valley Junior College.....	5,000	3,000	10,000	.....	.....	2,000	20,000	20,000
Penn College.....	15,864	3,131	10,461	21,211	12,448	2,339	38,248	28,248
Central University of Iowa.....	4,241	685	3,456	.....	.....	275	44,081	20,640
Marquette College.....	22,834	.....	22,716	.....	.....	.....	50,969	50,969
KANSAS.								
Midland College.....	9,000	2,400	5,000	15,000	13,455	250	51,705	46,705
St. Benedict's College.....	26,654	4,291	25,692	140,317	14,972	1,091	212,467	72,100
Baker University.....	17,635	13,039	2,400	4,394	.....	500	123,304	118,910
Highland College.....	1,800	.....	.....	.....	250	.....	4,950	4,950
Campbell Junior College.....	1,100	.....	.....	3,817	.....	.....	8,917	8,917
Kansas City Baptist Theological Seminary.....	2,662	577	2,300	.....	19,000	.....	22,177	22,177
Kansas City University.....	89,023	1,780	7,541	112,500	649,500	7,440	11,381	11,381
University of Kansas.....	11,139	4,980	2,318	.....	.....	62,285	920,800	920,800
Bethany College.....	15,044	14,064	11,070	.....	.....	2,754	26,785	26,785
Northwestern College.....	13,692	38,136	21,676	80,000	618,316	1,214	3,983	31,428
Ottawa University.....	8,905	82,730	15,676	9,823	.....	30,696	81,140	50,444
St. Mary's College.....	7,467	5,048	9,962	3,000	.....	8,532	231,638	231,638
Kansas Wesleyan University.....	6,785	853	8,189	15,010	.....	8,045	41,653	26,553
Cooper College.....	42,666	3,470	22,219	14,602	400	783	37,035	37,235
Washington College.....	8,227	.....	.....	14,572	29,500	1,158	108,055	78,555
Friends University.....	18,052	.....	11,581	21,915	.....	2,550	44,623	22,008
Southwestern College.....	.....	.....	11,544	.....	21,808	5,376	56,860	56,860
KENTUCKY.								
Berea College.....	26,867	19,371	54,944	23,120	40,029	325,203	682,503	553,556
Spencer College.....	15,800	10,000	20,000	.....	.....	.....	11,500	11,500
Centre College.....	17,356	1,500	.....	.....	.....	.....	32,500	32,500
Kentucky College for Women.....	19,780	34,714	15,472	.....	.....	500	53,570	53,570
Georgetown College.....	8,900	2,445	20,562	1,353	10,726	492	84,219	84,219
University of Kentucky.....	19,589	1,148	10,644	4,480	3,000	4,347	51,001	44,531
Louisville College of Pharmacy.....	4,788	22,250	10,644	198,030	253,718	204,266	650,651	650,651
Presbyterian Theological Seminary of Kentucky.....	.....	3,700	22,000	2,500	600	.....	5,708	5,708
Southern Baptist Theological Seminary.....	450	1,250	52,000	50,000	7,800	.....	111,500	61,500

Junior college.

Statistics of 1917.



TABLE 29.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18—Continued.

Institutions.	From student fees.			From productive funds.	From State or city.		From United States Government.	From private benefactions.			From all other sources.	Total receipts.	Total receipts (exclusive of additions to endowments).
	For tuition and other educational services.	For room rent.	For board, etc.		For increase of plant.	For current expenses.		For increase of plant.	For endowment.	For current expenses.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
KENTUCKY—continued.													
University of Louisville.....	\$53,827		\$8,908	\$3,800		\$40,850		\$25,000	\$500			\$84,777	\$84,777
Bethel College.....	9,010		30,175									52,752	52,752
St. Mary's College.....	5,800			5,500							\$6,871	37,744	37,744
Kentucky Wesleyan College.....											9,000	20,300	20,300
LOUISIANA.													
Louisiana State University and Agricultural and Mechanical College.....	13,491			14,655		164,000	\$106,461				85,416	383,923	383,923
Mansfield Female College.....													
H. Sophie Newcomb Memorial College.....													
Loyola University.....	15,905											15,905	15,905
Tulane University of Louisiana.....	137,411	3,967	40,273	221,309				9,445	20,240	11,770	57,442	302,941	482,716
Louisiana College.....	12,060		15,473					27,537		8,985		68,922	68,922
MAINE.													
Bowdoin College.....	36,717	7,655		120,061					117,794	644		282,871	165,077
Bates College.....	27,297	9,463		41,334				91,000	153,180	20,152		345,476	192,296
University of Maine.....	57,252		10,027	9,915		149,202	101,702				57,058	385,156	385,156
Coburn College.....													
MASSACHUSETTS.													
St. John's College.....	9,529		2,364	431		35,000	2,622,949					47,324	47,324
United States Naval Academy.....												2,622,949	2,622,949
Baltimore College of Dental Surgery.....	12,300											12,300	12,300
Georgetown College.....	114,765	41,000	99,440	38,755				124,473	98,650		7,309	525,992	47,342
Johns Hopkins University.....													



UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

Merran College (colored)	3,901	1,611	7,920	2,218	\$10,000	5,000	500	8,042	11,268	40,481	40,481
Mount St. Joseph's College	34,028		50,000	4,000						34,028	34,028
St. Mary's Seminary	20,000									74,000	74,000
University of Maryland, Denial Department		246							679	42,014	42,014
Washington College	2,914				\$10,000	28,275				439,039	439,039
Maryland State College of Agriculture	7,000	3,508	19,498	6,643	174,000	101,638	110,638		16,284	32,846	32,846
Rock Hill College	10,720		41,500					6,320	479	115,070	115,070
St. Mary's College	21,750	4,500	31,780	1,842			7,016		1,777	84,540	84,540
Blood College	33,516	7,300								103,462	103,462
Maryland College for Women	5,432	1,856	7,732	5,000		2,500		478	589	46,554	46,554
Bliss Ridge College	18,538		28,132						1,884	19,005	19,005
Western Maryland College		2,364	1,945	1,126			5,488				
Western Theological Seminary	6,577										
MASSACHUSETTS.											
Amherst College	52,158	6,989		127,512			230,000	23,967	1,204	1,129,920	461,800
Massachusetts Agricultural College	10,263	5,339	47,140	10,613	66,483	364,500	8,654		119,229	703,794	703,794
Boston University	231,234			55,721				25,430		321,164	321,164
Massachusetts College of Pharmacy	17,174			12,357			183,777			213,308	213,308
Law School of Law	5,000									5,400	5,400
St. John's Seminary	134,510		18,000	90,819				6,188	3,354	36,000	36,000
Simmons College	22,720		90,205					14,028		339,104	339,104
Suffolk Law School	2,260	432		34,903						22,720	22,720
Andover Theological Seminary	618,489	122,952	217,077	1,664,153			746,547	432,768	232,224	37,685	37,685
Harvard University	409,000	26,000		312,000		100,000	125,000	27,000	460,000	1,481,000	1,481,000
Massachusetts Institute of Technology	98,097	22,043	50,846	90,000			78,500	1,130	1,490	11,732	11,732
New Church Theological School	27,696			1,049			9,500	50,116	6,040	330,976	232,476
Radcliffe College	17,920								8,874	94,891	94,891
Boston College	315,725	1,200		36,000		60,000	70,000			102,200	102,200
Lowell Textile School	127,827			135,892						17,200	17,200
North College	127,827			135,892						17,200	17,200
Smith College	127,827			135,892						17,200	17,200
Wheaton College	127,827			135,892						17,200	17,200
Mount Holyoke College	268,311	19,170	223,450	67,957			500	2,312	13,087	698,538	508,538
Wellesley College	374,353	11,482	458,036	78,588			2,880	6,729	64,586	135,020	134,800
Williams College	78,076		9,844	128,720			70,978	1,712	29,415	518,926	509,141
Clark University	6,070		10,560	70,600			22,098	1,840	12,337	499,392	428,414
College of the Holy Cross	50,410		98,303	104,960			440,304	51,063	34,637	1,041,583	1,019,465
Worcester Polytechnic Institute	61,473	19,650		4,330		50,000	34,140	9,113	29,645	87,130	87,130
				34,727			1,000		37,487	104,800	104,800
										246,591	246,591
										196,087	196,087

1 Junior college.

TABLE 29.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18—Continued.

Institutions.	From student fees.			From productive funds.	From State or city.		From United States Government.	From private benefactions.			From all other sources.	Total receipts.	Total receipts (exclusive of aid to endowments).
	For tuition and other educational services.	For room rent.	For board, etc.		For increase of plant.	For current expenses.		For increase of plant.	For endowment.	For current expenses.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>MICHIGAN.</b>													
Adrian College.....	\$7,247	\$1,181	\$4,042	\$1,390				\$1,500	\$50,000	\$9,000	\$14,138	\$73,360	\$23,360
Albion College.....	28,741	5,286	21,000	27,455				98,608	1,130	3,878	62,402	61,679	61,679
Alma College.....	427,870		13,942	77,666	\$130,000	\$1,164,000			163,660	30,450	585,579	2,647,853	2,484,173
University of Michigan.....	15,284											18,284	18,284
Detroit College of Medicine and Surgery.....	24,900											24,900	24,900
Detroit Junior College.....	\$7,912	14,778		70,539	70,000	491,000	\$138,066	75,000		5,000	196,717	1,019,538	1,019,538
University of Detroit.....	3,253	986		22,598		6,000			6,000	4,039		39,350	39,350
Michigan Agricultural College.....	11,634	600		25,309					10,000	2,531		41,568	35,478
Grand Rapids Junior College.....	7,032			4,500		72,700					4,324	15,100	5,100
Hope College.....	7,032			36,113								84,958	84,958
Western Theological Seminary.....	10,262	2,808	7,524	36,113						36,118	705	56,030	56,030
Michigan College of Mines.....	11,470		2,535	1,990								57,923	57,923
Clare College.....	25,000		45,000	24,000						1,150	400	70,000	70,000
John's University.....			1,200									26,750	26,750
Seabury Divinity School.....				2,598					2,791	25,794	268	34,013	32,124
Hillsdale College.....	2,939	10,143	124,623	58,052	125,250	1,777,336	129,731	65,400	89,466	6,005	442,012	2,938,469	2,938,469
Angsburg Seminary.....	271,322	48,881	66,299	47,622							24,415	400,085	310,629
University of Minnesota.....	38,068	12,616	43,480	13,669						25,301	22,916	156,080	146,060
St. Olaf College.....	115	7,384	31,900	8,673				48,535			6,139	64,572	64,572
Rochester Junior College.....	20,100	20,600	71,500	7,119				53,000	6,740	5,400	13,767	134,420	127,680
Ethel Theological Seminary.....	80,176	5,000	2,208	31,653					82,570	1,330		174,081	174,081
College of St. Catherine.....												152,859	152,859
College of St. Thomas.....													
Stanshus University.....													

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS. 885

Luther Theological Seminary.....	1,990	1,757	32,861	180,494	114,276		1,721	25,040	26,960	26,960
Mackler College.....	16,873	1,757	32,861					1,146	68,354	68,354
St. Paul College of Law.....	11,545								12,661	12,661
St. Paul Theological Seminary.....	15,427	268	12,043				10,300		39,645	39,645
Gustavus Adolphus College.....	9,000	59,000					13,660		93,000	93,000
College of St. Teresa.....										
MISSISSIPPI.										
Mississippi Agricultural and Me- chanical College.....	16,650	3,738	14,387	15,000	180,494	114,276		294,514	639,029	639,029
Mississippi Female College.....										
Mississippi Industrial Institute and College.....	27,621	84,079	9,449	19,000	105,514		3,440	250	245,863	245,863
Oranosa College.....	9,000	5,000							17,990	17,990
Mississippi Theological College 1.....	11,162	12,953							24,085	24,085
East College (colored).....	5,012	2,167							33,959	29,907
Balaban College.....	6,185	16,056	15,000				4,401	4,192	40,241	40,241
Milbourn College.....	6,446	5,488							12,861	12,861
Meridian College.....	30,000	60,000							96,000	96,000
University of Mississippi.....	28,774	30,941	42,000	45,088			3,000	10,000	147,568	147,568
MISSOURI.										
Chavez-Stockton College.....	3,590	2,000	7,920				7,500	1,100	27,020	27,020
Clinton Theological Seminary.....	1,500	7,752					14,769	6,486	45,205	45,205
Emporia College.....	37,500	34,000	2,000						102,300	97,000
University of Missouri.....	139,114	81,712	79,926	65,126	573,319	129,104		132,370	1,209,796	1,209,796
Central College.....	7,700	9,123	23,272						70,703	34,497
Howard-Payne College 1.....										
Medical College for Girls.....	20,000								43,000	20,000
Westminster College.....	7,706		13,120						98,186	53,186
William Woods College.....	24,295	42,796	10,758				14,776		77,851	77,851
Kansas City School of Law.....	12,374								18,374	12,374
Kansas City College of Pharmacy.....	6,412								6,412	6,412
Kansas City Dental College.....										
Kansas City Polytechnic In- stitute.....	5,039			109,407					111,445	114,445
Western Dental College.....	22,774								22,774	22,774
William Jewell College.....	10,992	5,782	11,190						90,941	53,290
Missouri Valley College.....	2,355	4,271	18,000						31,796	25,796
Harold College.....	10,000	30,000							44,000	44,000
Shawnee-Morraville College 1.....	2,260								2,250	2,250
DeWitt College.....	35,600								36,000	35,000
St. Joseph Veterinary College.....	10,411	14,143	27,355				67,762	1,000	297,969	177,318
City College of Law and Finance.....	14,673								14,673	14,673
Central Missouri Seminary.....	8,691	694							9,185	9,185
Edwards Theological Seminary.....		3,637	4,736						25,862	25,862
Forest Park College 1.....	35,000						16,336	833	35,540	35,540

Statistics of 1917.

Junior college.

TABLE 29.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18—Continued.

Institutions.	From student fees.			From productive funds.	From State or city.			From private benefactions.			From all other sources.	Total receipts.	Total receipts (exclusive of additions to endowments).
	For tuition and other educational services.	For room and board, etc.	For board, etc.		For increase of plant.	For current expenses.	From United States Government.	For increase of plant.	For endowment.	For current expenses.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>MISSOURI—continued.</b>													
St. Louis College of Physicians and Surgeons.....	\$11,480											\$11,480	\$11,480
Washington University.....	240,877	\$19,815	10,506	\$379,253					\$102,207	\$31,119		740,034	637,827
Central West. College.....	13,114	7,354		10,223					7,075	2,010	\$10,878	55,148	48,073
Kennett Seminary.....	15,241	49,000							5,437	1,595		32,496	27,059
<b>MONTANA.</b>													
Montana College of Agriculture and Mechanic Arts.....	10,989	3,502	10,506	35,000	\$50,000	\$212,406	\$97,867				20,793	440,943	440,943
University of Montana.....	15,092	4,544	27,953		70,000	220,000						337,464	337,464
<b>NEBRASKA.</b>													
Truman College.....	22,000	10,612	18,000	5,500						3,500	2,000	61,612	61,612
Doane College.....	11,800	2,635	1,068	14,744					8,750	9,306		55,717	46,887
Hastings College.....	5,000	2,445	1,068	11,826					15,797			54,404	38,007
University of Nebraska.....	92,570	22,828	22,828	57,007	448,794	739,213	118,576					1,741,112	1,741,112
Presbyterian Theological Seminary.....	128,757	5,000	20,000	168,000								316,757	316,757
University of Omaha.....	7,788	1,793		8,000					2,201	7,000		17,200	15,000
Nebraska Wesleyan University.....	2,983			75						3,450	20	13,126	13,126
York College.....	1,615	960	522	1,745				65,000		18,570		118,566	118,566
<b>NEVADA.</b>													
University of Nevada.....	1,004	2,968	20,025	15,283		145,035	92,221				19,833	297,769	297,769

<b>NEW HAMPSHIRE.</b>														
New Hampshire College of Agriculture and Mechanical Arts.....	17,067	12,696	13,778	39,840	50,000	56,075	115,575	19,420	126	15,008	70,228	65,642	373,823	373,823
Dartmouth College.....	134,336	96,780	49,819	197,017		15,000							597,408	581,900
St. Anselm's College.....														
<b>NEW JERSEY.</b>														
Bloomfield Theological Seminary.....	130,000	11,000	9,000	9,992				10,000		23,915	13,021		46,928	23,013
College of St. Elizabeth.....	113,689			71,173						6,853	10,377	3,333	165,029	150,000
Stevens Institute of Technology.....	3,000	1,909	1,800	8,900									209,572	209,572
St. Peter's College.....	5,411		7,200	41,000									17,435	17,435
Immaculate Conception Seminary.....	19,500												208,350	19,500
New Jersey Law School.....	36,004	10,877		44,012									19,500	19,500
Rutgers College.....													400,296	440,405
Theological Seminary of the Reformed Church of America.....				30,800						4,400	1,962		37,102	32,702
Princeton Theological Seminary of the Presbyterian Church.....	183,725	93,228		284,900						81,002	192,836		835,091	754,089
Princeton University.....														
<b>NEW MEXICO.</b>														
University of New Mexico.....	2,822	937	9,962	26,527		88,192						4,729	133,169	133,169
New Mexico School of Mines.....	970	2,890	625	21,255		22,000						428	49,168	49,168
New Mexico College of Agriculture and Mechanical Arts.....	1,222	1,271	16,326		22,985	119,600	99,102				131	37,469	298,122	298,122
<b>NEW YORK.</b>														
New York State College for Teachers.....	6,089	3,446	6,052	31,709	1,500	148,158							158,747	158,747
Alfred University.....	9,730			3,285									109,233	102,038
St. Stephen's College.....	6,460	7,300	7,830	51,943									53,439	39,905
Albany Theological Seminary.....	21,503		47,150	29,153									169,925	120,167
Wells College.....	50,209		7,297	7,297									197,588	102,051
Adolph College.....	48,200												70,633	70,633
Brooklyn College of Pharmacy.....	29,092												46,200	46,200
College of St. Francis Xavier.....	87,798												29,062	29,062
Long Island College Hospital.....	84,134												129,194	129,194
Polytechnic Institute of Brooklyn.....	9,388			42,000									120,688	120,688
Columbia College.....	8,340	400	6,040	2,100									14,780	14,780
D'Youville College.....	160,115	13,985		44,461									204,422	190,672
University of Buffalo.....	67,635	7,011	10,404	68,190		41,728							297,245	251,518
St. Ann's College.....	17,498												110,443	107,147
Elmira College.....	35,753		71,505										114,432	474,432

TABLE 29.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18—Continued.

Institutions.	From student fees.			From productive funds.	From State or city.		From private benefactions.			From all other sources.	Total receipts.	Total receipts (exclusive of additions to endowments).	
	For tuition and other educational services.	For room and board, etc.	For board, etc.		For increase of plant.	For current expenses.	From United States Government.	For increase of plant.	For current expenses.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NEW YORK—continued.</b>													
Mount St. Alphonsus Theological Seminary.....				\$3,486				\$2,500				\$5,986	\$5,486
De Lancy Divinity School.....				38,239				767				144,996	144,229
Hobart College.....	81,265	\$5,720	\$10,160	63,652				60,021			\$63,304	184,200	184,200
Cornell University.....	39,798	6,152	11,242	200	\$82,299	\$43,645	\$33,396	\$1,000	46,104	2,000	3,353	3,200	3,200
Hartwick Seminary.....	519,015	91,073	319,148	712,781				25,000	38,739	10,000	359,276	3,204,418	3,204,418
College of New Rochelle.....	123,340		46,681	1,600					8,360		10,000	89,961	89,961
Barnard College.....	8,150		20,274	9,163				307,451	17,153	17,153	203,463	44,463	44,463
Brunswick Training School.....	46,829		7,886	5,525				46,222	37	37	23,566	912,623	912,623
College of the City of New York.....	1,038,829	142,760		1,369,434	14,983	619,186			48,021		1,544,303	4,376,140	4,376,140
Columbia University.....	171,942	2,662	23,424						8,068		31,061	331,787	331,787
General Theological Seminary of the Protestant Episcopal Church in the United States.....		229	2,444	96,321				3,371	52,352	18,411	16,801	210,329	157,977
Hunter College of the City of New York.....												382,444	382,444
Jewish Theological Seminary of America.....				37,658									
Manhattan College.....	19,307	4,143	25,929								27,572	65,497	65,497
New York College of Dentistry.....	142,807											46,079	46,079
New York University.....												142,467	142,467
Teachers College.....													
Union Theological Seminary.....	7,246	4,225		274,432					172,876	4,733	124,674	530,540	498,064
College of Technology.....	166,761	117,774	273,451	117,074								22,292	22,292
Vassar College.....				71,474					253,683		706,740	1,682,692	1,682,692
Rochester Theological Seminary.....	83,540	1,150		121,358				267	175,302	4,763	2,003	79,715	76,954
University of Rochester.....	75,068	1,140	10,000	71,803							6,800	363,187	187,885
St. Bonaventure's College.....		5,408							17,722	48,552	6,965	18,855	18,855
Union University.....											29,141	247,724	230,002

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

New York State School of Forestry (at Syracuse University)							1,300						156,300	156,300	
Syracuse University	113,203	13,004	22,147	89,651	25,000	120,000	81,100	16,456				12,688	348,669	531,773	
Kennamer Polytechnic Institute	17,005	25,907	17,965	17,965								4,703	65,180	65,180	
Russell Sage College of Practical Arts							1,374,646						1,374,646	1,374,646	
United States Military Academy															
NORTH CAROLINA															
St. Catherine's College	3,795		8,400									1,500	13,695	13,695	
Rainmont Abbey College	49,014	8,463	9,598	12,319	63,812	165,000		3,000				5,057	333,910	530,910	
University of North Carolina	29,285	11,422	9,598	21,899								12,070	23,678	23,678	
Dartmouth University (colored)	21,776	18,499		81,070				19,950				6,287	89,226	69,636	
Tryon College	25,774	16,409	17,051	5,070			2,555					4,610	118,066	118,066	
Allen College	27,284	16,801	31,403	8,400			25,842	2,917				14,355	84,065	81,948	
Greenboro College for Women	10,988	4,007	11,018	9,400				1,300				5,125	109,329	109,329	
Outland College	12,000	4,007	21,800	5,500								2,112	42,639	42,639	
Dayton College	6,729		10,623	90			500					2,683	41,193	41,193	
Louisburg Female College	38,170	8,420	19,120	9,060				4,680				2,000	21,444	21,444	
Peace Institute												3,231	82,601	78,001	
Shaw University (colored)	20,829		39,611	673								26,880	49,219	49,219	
Flora MacDonald College	21,652	4,824	40,611	40,611								5,728	61,867	61,867	
Walla Walla College	2,500		15,280	4,350									72,360	72,360	
Weaver College													22,130	22,130	
North Carolina College of Agriculture and Engineering	17,120	9,632	59,041	7,500		181,707	134,707	8,000				31,519	494,226	494,226	
Albany Christian College	5,364	2,332	13,717									4,661	43,912	35,912	
NORTH DAKOTA															
North Dakota Agricultural College	9,860		14,578	73,181									442,479	442,479	
Fargo College	23,812	791	4,833	4,313		161,538	106,639	4,735				17,852	56,456	51,661	
Farmstown College															
University of North Dakota	21,127	4,893	46,938	63,614		190,137						15,128	341,827	341,827	
OHIO															
Ohio Northern University	37,497			2,073				30,000					70,560	40,560	
Municipal University of Akron	10,073			2,945									1,288	83,854	
Genee Union College	20,433			28,252				44,229					108,284	64,068	
Ohio University	21,530		11,737	7,867	24,650	240,287						42,253	335,724	366,224	
Eastern Chiropractic College	14,888	17,170	8,010	31,088			28,940	10,792				5,377	109,215	99,183	
Chancellor College	13,301	3,500	9,917	3,000				77,227				409	106,534	29,327	
Chancellor College of Pharmacy	1,800			3,214				1,120				964	10,873	9,153	
Chickadee Veterinary College	7,500												1,500	1,500	

1 Junior college.

TABLE 29.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18—Continued.

Institutions.	From student fees.			From productive funds.	From State or city.		From United States (Government.)	From private benefactions.			From all other sources.	Total receipts.	Total receipts (exclusive of additions to endowments).
	For tuition and other educational services.	For room tent.	For board, etc.		For increase of plant.	For current expenses.		For increase of plant.	For endowment.	For current expenses.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
OHIO—continued.													
Beaumont Medical College.....	\$10,500			\$3,500				\$1,000	\$1,000	\$1,000		\$17,000	\$16,000
Hebrew Union College.....				73,614				63,461	2,441	4,198		83,461	83,461
Lebanon Theological Seminary.....				25,218							54,993	26,850	34,403
Mount St. Mary's Seminary of the West.....	5,000		\$40,000								3,000	46,000	46,000
St. Xavier College.....	20,500			7,800							5,000	33,300	33,300
University of Cincinnati.....	134,732			73,614		\$373,810				25,325		312,354	312,354
Casa School of Applied Science.....	72,543			132,500			\$7,800	2,000			5,073	215,643	215,643
St. Ignace College.....	3,859										35,434	39,293	39,293
St. Mary's Theological Seminary.....													
Western Reserve University.....	10,356			4,877	\$227,022	1,440,432	128,149		8,233	15,407	1,244	37,238	37,238
Capital University.....	156,300			61,942					20,101	19,152	106,579	2,242,568	2,242,568
Ohio State University.....	186,300	\$27,203	6,007	61,942					20,101	6,882	6,882	48,611	26,410
Commonwealth College.....	574	130		5,449							1,334	13,189	12,702
Indiana College.....	15,226	5,051	3,240	18,475				50,866	20,887	1,534	1,534	115,119	94,232
Indiana Theological Seminary.....	106,372			62,212				60,000	120,000	8,368	1,216	359,226	239,226
Ohio Wesleyan University.....	13,288	220	1,904	7,156				100,000	15,412	8,507		46,557	31,145
Finlayson College.....	9,115	7,350		46,228					7,369	9,695		172,318	72,318
Kentron College.....	16,524	4,676		21,488						12,485		64,820	57,481
Hiram College.....	12,081	610		31,679						2,774		60,951	58,681
Marquette College.....	34,100			13,969						7,732	3,802	129,921	108,681
Miami University.....	28,764	20,428	66,270	9,150	21,350	213,676		46,357	23,746	1,105		364,373	364,373
Western College for Women.....	37,666	17,390	46,909	10,533					8,910	31	8,738	133,969	127,059
Lake Erie College.....	23,818		38,906	11,364				49,598			12,214	135,890	135,890
Rio Grande College.....	6,794			3,500				24,300				34,594	34,594
Wilberforce College.....	20,157	2,770	3,723	14,553						6,360		46,477	46,477
St. Aubert University.....	12,000	4,474		14,453				1,800	9,900		683	47,687	47,687
St. John's University.....	2,770			14,680		206,875						26,200	18,200
Osaka University.....	26,413	3,301	10,757	11,372				10,000	30,560	6,987		274,654	274,654
Washington College.....	9,277		9,617	7,020					101,000			99,892	99,892
												123,914	22,914



UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

College of Wooster.....	83,564	12,240	30,237	78,850		4,473	21,258	176,432	171,979	
Antioch College.....	577	335		5,000			3,000	9,012	9,012	
United Presbyterian Theological Seminary.....				12,973			2,156	16,129	16,129	
OKLAHOMA.										
Oklahoma College for Women.....	300		16,000	10,111	50,000	700	10,480	10,921	68,200	
Phillips University.....	19,846	2,160	11,968			100,000		166,028	166,028	
Methodist University of Oklahoma.....	7,493			1,224			11,960	20,407	20,407	
Kingfisher College.....	5,201			6,001		100	7,614	19,008	19,008	
University of Oklahoma.....	26,373		525,000	123,084	291,260	2,385	3,843	971,944	971,944	
Oklahoma Agricultural and Mechanical College.....	4,841	2,160	26,323	37,500	311,197	128,348		658,244	559,244	
OREGON.										
Albany College.....	2,420			11,000			1,078	336	15,743	
Oregon State Agricultural College.....	33,683	48,381	400	10,973	510,074	131,857	4,440	47,552	782,530	
Engene Bible University.....	3,827	200		14,338		1,247		64,292	26,068	
University of Oregon.....	24,289		7,599	10,681	278,382			311,592	311,592	
Methodist University.....	13,223			12,250			203	28,960	28,960	
McMurry College.....	14,723		2,075	11,615		41,522	9,241	77,050	30,928	
Columbia Junior College.....	9,480		1,500	1,278		1,119	3,129	28,791	13,797	
North Pacific College.....	54,293	360		3,020		148,000	192	38,967	11,867	
Reed College.....	24,719	7,533	16,274	38,703			34,528	102,327	102,327	
Kimball School of Theology.....	412			1,503			3,636	6,451	6,451	
Willamette College.....										
PENNSYLVANIA.										
Allegheny College for Women.....	8,845	1,500	8,654	305		10,773	4,033	34,670	34,670	
Lewisburg Valley College.....	19,278	4,490	17,788	4,127			11,089	60,157	60,157	
St. Vincent College.....	40,000		52,684					92,634	92,634	
Beaver College.....	10,367		8,933	757			5,162	25,609	25,609	
Moravian College.....		3,851		8,195		1,950	8,494	21,634	20,484	
Moravian Seminary and College.....	38,725			1,000		1,200	11,843	41,535	40,935	
St. Lawrence College.....	102,282	85,310	10,491	104,329		192,492	85,364	561,201	484,709	
Gettysburg College.....	26,181	3,025	17,621	3,292			800	106,120	64,209	
Wilkes College.....	80,781	21,428	41,943	3,286		1,530	4,207	168,120	168,120	
Cresset Theological Seminary.....				37,407		28,000		66,822	174,822	
Urbain College.....	789	6,771	19,889	11,846			11,513	79,428	79,428	
Lafayette College.....	71,663	13,615		41,012		13,483	28,617	284,736	157,301	
Pennsylvania College.....	23,000	5,000		16,000		2,000	3,600	62,000	60,000	
Theological Seminary of the General Synod of the Evangelical Lutheran Church in United States.....				13,000		1,600	4,200	20,700	18,700	

TABLE 28.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18—Continued.

Institutions.	From student fees.			From productive funds.	From State or city.		From United States Government.	From private benefactions.			Total receipts (exclusive of gifts from endowments).		
	For tuition and other educational services.	For room and board, etc.	For board, etc.		For increase of plant.	For current expenses.		For increase of plant.	For endowment.	For current expenses.		From all other sources.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
PENNSYLVANIA—Continued.													
Titel College.....	38,500	87.5							\$30,000	\$7,600		\$46,775	\$16,775
Greene City College.....	34,020	7,800	\$25,609	\$12,855				\$15,060	1,110	32,944		761,350	683,834
Haverford College.....	72,854			25,198					12,240		\$4,021	58,670	49,139
Franklin and Marshall College.....	21,241												
Theological Seminary of the Reformed Church.....	108	1,800	5,068	17,311				60,688	3,230	5,145		93,484	90,154
Lockman University.....	92,838	8,784	19,692	28,679					31,349	9,921	800	187,622	150,673
Lincoln University (colored).....	1,770	1,073	5,365	40,629							5,670	49,128	49,128
Allegheny College.....	46,066	10,669	21,806	41,085					21,648	4,144	46,091	124,276	124,276
Meadville Theological Seminary.....	11,600											73,783	82,335
Irving Female College.....	19,228	2,810	18,780	14,785				3,031		75		30,440	30,440
Albright College.....	15,228	2,888	15,544	21,226						7,618	5,180	46,463	46,463
Drexel Institute.....	92,943			166,210							4,291	294,514	294,514
Duquesne College.....	99,260			39,605		\$97,500						38,606	38,606
Lehigh University.....	26,600			50,000								246,760	246,760
Lehigh Medical College.....	26,600											20,000	20,000
Lehigh Theological Seminary.....	6,093			21,606							8,376	36,064	36,064
Philadelphia College of Pharmacy.....	60,704										2,319	62,326	62,326
St. Joseph's College.....	6,480			760								283,572	283,572
Temple University.....	166,469	6,175				51,709			326,832	37,647	2,572	2,683,583	1,836,481
University of Pennsylvania.....	786,200	109,106	110,897	180,021		423,320			20,300	2,254		47,024	26,724
University of Pennsylvania of Pennsylvania.....	6,929			17,541								82,024	82,024
Carnegie Institute of Technology.....	126,864	61,172	42,894	566,060							85,684	822,764	822,764
Pennsylvania College for Women.....	26,647	6,200	17,584	2,000								78,376	78,376
Pittsburgh Theological Seminary Reformed Presbyterian Theological Seminary.....	367,361	1,822		26,286					5,426	26,981		27,533	22,108
University of Pittsburgh.....				3,835						2,460		6,285	6,285
Western Theological Seminary.....				26,446		324,467			22,100	3,474	39,216	671,013	671,013
Susquehanna University.....	15,000	1,200	24,600	43,043				21,991	75,000	5,600	6,000	96,901	74,701
				4,000								131,400	86,400

Lehigh University.....	120,228	13,214	31,337	174,906	73,037	549,300	\$188,393	183,798	5,107	17,498	967,182	867,182
Pennsylvania State College.....	62,373		113,790	30,000						153,269	1,094,332	1,094,332
Swarthmore College.....	26,266	5,783	42,662	30,000						532	479,694	295,895
Williams College.....	23,720		42,662	30,000							115,000	115,000
Washington and Jefferson College.....	6,510			5,171							81,724	81,724
Wilmington College.....											15,976	15,976
PORTO RICO.												
University of Porto Rico.....	1,273			1,865	142	50,000	50,000	329		2,485	106,094	106,766
RHODE ISLAND.												
Rhode Island State College.....	4,822	8,262	32,849	2,500		40,000	90,592			24,352	208,097	208,097
Brown University.....												
SOUTH CAROLINA.												
Anderson College.....	15,400		21,600	10,430		6,681					73,500	73,500
College of Charleston.....	3,046	179									20,296	20,296
The Citadel.....												
Clemson Agricultural College.....	14,560		175,632	9,266	9,019	60,000	151,528			32,481	102,100	102,100
Presbyterian College of South Carolina.....	4,638	1,765	9,000	4,398		268,722				7,560	627,266	627,266
Columbia College.....							5,811				33,288	33,288
Benedict College (colored).....	2,912		18,329									
Southern Lutheran Theological Seminary.....			304	3,961		98,547				1,961	22,241	22,241
University of South Carolina.....	12,435	16,157		7,000	45,620					8,114	5,928	5,928
Erskine College.....	4,210	837		7,000				11,064			175,778	175,778
Furman University.....	15,238		21,034	680							11,455	11,455
Lander College.....	24,371		58,150	16,960							25,020	25,020
Collier College.....	5,080		54,968	9,156				2,100			84,242	84,242
Newberry College.....	4,684	1,000	53,699	9,156							96,586	96,586
Converse College.....	14,566	5,330	15,990	11,067							110,224	110,224
Walter College.....								50			58,500	58,500
SOUTH DAKOTA.												
South Dakota State College of Agriculture and Mechanic Arts.....	12,704	8,692		40,285	264,891	204,260	106,443			78,422	710,649	710,649
Huron College.....	17,439	1,904		83,271				1,035		503	67,219	66,174
Dakota Wesleyan University.....	16,766	4,018	12,356	14,183		36,500		9,436		1,448	78,911	69,476
State School of Mines.....	1,902			5,092							43,494	43,494
Sioux Falls College.....	3,500	500	200	14,937		157,800		26,000		11,800	41,000	41,000
University of South Dakota.....	16,929	2,918		22,268	165,000			6,327			286,326	286,326
Yankton College.....	24,578	5,268	19,800								86,806	86,806

TABLE 29.—Universities, colleges, and professional schools—Instructors, students, and graduates in 1917-18—Continued.

Institutions.	From student fees.			From State or city.	From private benefactions.			From all other sources.	Total receipts.	Total receipts (exclusive of additions to endowments).			
	For tuition and other educational services.	For room rent.	For board, etc.		From State or city.	From United States Government.	For increase of plant.				For endowment.	For current expenses.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>TENNESSEE.</b>													
King College.....	2,500	\$1,200	\$3,750	\$3,000				\$10,000	\$20,000	\$5,000		\$45,450	\$25,450
Southwestern Presbyterian University.....	2,331	724	.....	14,950				2,406	19,921	19,921		19,921	19,921
Tusculum College.....	3,075	1,792	10,040	10,980				1,500	8,791	11,860	\$5,671	54,579	45,788
Yonah Memorial University.....	11,346	6,017	20,100	6,055					19,997	122,866	59,241	122,866	122,866
Methodist Conference Female Institute.....	8,600	.....	3,200	5,300	30,000				1,500	11,700	300	11,700	11,700
Carson and Newman College.....	8,150	1,200	6,000	26,252	\$1,000,000	\$110,585	\$134,536		3,650	52,450	30,960	1,359,961	52,450
University of Tennessee.....	38,413	6,572	9,263	4,503		18,000			9,698	21,608		21,608	21,608
Cumberland University.....	5,961	1,386	.....	600	960				1,779	23,154		23,154	23,154
Milligan College.....	5,154	7,750	29,145	14,201					32,469	67,779	956	67,779	67,779
Tennessee College.....	27,515	8,297	24,087	98,350					28,945	95,863		95,863	95,863
Fisk University (colored).....	15,553	1,121	.....	3,859					13,000	220,415	43,787	220,415	220,415
George Peabody College for Teachers.....	51,353	2,682	.....	137,267	8,078				1,661	65,259	9,194	65,259	65,259
Meaberry Medical College (colored).....	28,024	.....	.....	1,800					442,857	985,824	20,149	985,824	282,987
Vanderbilt University.....	81,188	.....	.....	1,800					1,000	39,900	1,350	39,900	39,900
Martin College.....	14,000	.....	.....	21,816		1,000			18,200	66,750	13,295	66,750	66,750
Austin-Cave College.....	4,710	.....	.....	3,500					2,100	156,159	878	171,359	156,159
University of the South.....	36,532	678	2,100	.....					.....	11,031		11,031	11,031
Washington College.....	36,773	.....	.....	2,500					8,000	.....		.....	.....
<b>TEXAS.</b>													
Austin Presbyterian Theological Seminary.....	.....	1,000	.....	2,500					5,000	8,000		11,500	11,500
University of Texas.....	57,061	.....	.....	224,231	5,000	819,453			250	1,106,778	347	1,106,778	1,106,778
Baylor Female College.....	32,026	.....	.....	.....					5,000	.....		1,128,514	1,128,264
Howard Payne College.....	25,013	.....	.....	.....					6,308	.....		54,282	49,282
Clarendon College.....	17,800	3,000	13,600	.....	25,500				2,000	.....		62,500	62,500
Agricultural and Mechanical College of Texas.....	2,314	.....	.....	169,834	10,450	478,365	173,415		.....	698,368		1,588,014	1,588,014

UNIVERSITIES, COLLEGES, PROFESSIONAL SCHOOLS.

895

Southern Methodist University.....	67,015	10,691	8,927	350,000	163,000			33,498	3,222	173,353	173,353
State College of Indiana.....	23,866	7,300							3,228	561,594	561,594
State Baptist Theological Seminary.....	3,375	10,125	13,404					29,261		56,165	56,165
Texas Christian University.....	23,034	35,320						12,169	13,724	95,455	95,455
Texas Woman's College.....	67,656	48,947							5,083	128,758	128,758
Southwestern University.....	34,539	23,221	8,997					229	7,853	126,822	126,822
Rice Institute.....	3,900	33,785	57,200							887,185	887,185
Westminster College.....	6,000	5,500	2,200					4,000	510	20,970	20,970
Texas Military College.....	12,000	14,000								30,000	30,000
Thayer Springs Military College.....	64,622	116,299	29,509					1,778		251,225	251,225
Baylor University.....											
UTAH.											
Utah Agricultural College.....	9,554			59,753	153,228	96,498			46,848	365,881	365,881
University of Utah.....	26,280			12,500	252,227				40,962	331,909	331,909
VERMONT.											
University of Vermont and State Agricultural College.....	71,457	40,407	35,890		67,280	100,063			53,397	391,529	391,529
Middlebury College.....	23,797	23,259	40,579		28,800		68,466	3,001	9,442	205,123	205,123
Norwich University.....	26,025		7,913		20,000				700	52,938	52,938
St. Michael's College.....	3,800	15,000								20,100	20,100
VIRGINIA.											
Randolph-Macon College.....	12,172		22,404		162,564				8,989	43,565	43,565
Virginia Polytechnic Institute.....	32,460		20,659	16,666		124,725			161,441	602,746	602,746
Blethen College for Girls.....	11,202	84,231								64,650	64,650
Briggs College.....	2,800	8,647	1,206				50,000	75	400	74,300	74,300
Virginia Union University.....	15,000	52,600								42,000	42,000
Virginia Wesleyan College.....	10,470	16,636	92,926				5,000			49,000	49,000
Dakota College.....	1,414	7,570	3,350		80,180			11,369	27,073	298,188	298,188
Augustine College.....	4,200									17,273	17,273
Emory and Henry College.....	18,000	4,500						12,000		37,000	37,000
Hamden-Sidney College.....	7,871	194	11,466							22,500	22,500
Hollins College.....	43,324	90,963							1,006	23,202	23,202
Virginia Military Institute.....	36,633	189,706	2,063	2,500	50,000				9,215	143,501	143,501
Washington and Lee University.....	31,250	1,853	56,928					740	14,573	292,502	292,502
Randolph-Macon Woman's College.....	96,843	121,668	20,500							105,374	105,374
Virginia Christian College.....	9,069	16,135								242,011	242,011
Virginia Theological Seminary.....	4,954	16,156						7,284	2,748	35,235	35,235
Eastern College.....	18,000						6,000	10,000		39,405	39,405
Marion Institute.....	31,325		616				5,000			23,000	23,000
Medical College of Virginia.....					13,333					45,273	45,273

\* Junior college.

TABLE 29.—Universities, colleges, and professional schools—Receipts from all sources in 1917-18.—Continued.

Institutions.	From student fees.			From productive funds.	From State or city.		From United States/ Government.	From private benefactions.			From all other sources.	Total receipts.	Total receipts (exclusive of additions to endowments).
	For tuition and other educational services.	For room rent.	For board, etc.		For increase of plant.	For current expenses.		For increase of plant.	For endowment.	For current exchange.			
VIRGINIA—continued.													
Richmond College.....	\$24,094	\$262	\$19,721	\$49,060				\$100,000	\$31,477	\$7,910	\$618	\$126,000	\$94,123
Union Theological Seminary.....	170			38,958					44,907		331	122,538	147,631
Virginia Union University (colored).....	5,971	3,034	11,327	751					2,100	3,000	1,565	45,085	45,085
Elizabeth College.....	6,752	2,500	8,250	8,285					17,170	13,857		22,572	20,572
Roosevelt College.....	7,200	2,100	9,300									56,883	39,713
Street-Brisar College.....	52,467	104,934									3,161	160,552	160,552
Theological Seminary of the Protestant Episcopal Church.....			7,700	35,300							350	43,350	43,350
College of William and Mary.....	3,740		11,947	8,899	\$56,250						89	80,975	80,975
WASHINGTON.													
State College of Washington.....	26,283	8,193		54,517			\$107,393				110,064	761,104	761,104
University of Washington.....	170,430	4,183	50,967	41,477	\$69,017							929,014	929,014
Gonzaga University.....	10,000	2,000	40,000						200	636		52,000	52,000
Whitman College.....	29,797	3,044	9,824	27,023							523	70,969	70,969
WEST VIRGINIA.													
Morris Harvey College.....	5,855	3,363	17,171	8,500								24,889	24,889
West Virginia Wesleyan College.....	23,452	3,392	11,831	5,810					51,973		2,010	99,268	47,395
Davis and Elkins College.....	6,575	642	3,210	4,850						2,609	357	18,239	18,239
West Virginia University.....	33,332	9,457	9,848	6,462	93,500	413,357	112,191				26,965	706,142	706,142
WISCONSIN.													
Lawrence College.....	61,000		60,281	43,782				23,711	228,700	2,087	7,926	429,060	200,876
Robert College Wisconsin.....	53,628	10,990	19,263	86,540					57,060	5,333	2,843	215,175	158,106
Milwaukee College.....	39,628	39,598	128,149	37,018	150,560	1,642,494	135,017				365,123	2,913,035	2,913,035
Marquette University.....	6,000	101		10,521					47,396			64,812	17,446

Milwaukee Downer College	47,005	71,216	28,112	374	48,943	175	1,353	195,178	146,235
Miramonte College	6,181	21,043	1,096	14,778	42,954	33,691	1,522	57,248	57,248
St. Clara College and Academy	20,808	36,067	10,841		18,863	4,462	14,069	71,052	76,000
Carroll College	21,096	3,827	16,232				11,860	66,014	47,151
Evangelical Lutheran Theological Seminary	13,045	817				6,100		9,300	9,300
WYOMING.		3,200							
University of Wyoming	6,992	23,203	22,773	\$31,483	\$121,401	960	28,641	328,767	328,767

## INDEX.

- Accounting terminology, city systems, 340-341.
- Administrative and supervising officers, State systems, 91, 160-161.
- Age-grade study, pupils, city systems, 222-231.
- Amount of schooling, 13-15.
- Attendance, average school, 13; city and rural schools, comparative statistics, 27-28; higher institutions, 690-694; in the South, 128-129.
- Attendance, city systems, 208-209, 398-409.
- Attendance (State systems), compulsory laws effective, 128-142; general review, 56; minimum required, 130-131: *See also* Average daily attendance.
- Auxiliary agencies, State systems, payments, 190-191.
- Average daily attendance, in seven States, 87-88.
- Average daily attendance (State systems), and aggregate number of days attended, 150; elementary and secondary schools, 151. *See also* Attendance.
- Benefactions, universities, colleges, and professional schools, 710-711. *See also* Gifts and bequests to education.
- Bonds and sinking funds, city systems, 504-515, 660-677.
- Bonner, H. K., Statistical survey of education, 7-52.
- Buildings, school. *See* School buildings.
- Census, school. *See* School census.
- Children, in and out of school, city systems, 294-295; in school at the various ages, 82-84.
- "Child's bank account," discussion of school funds, 88-100.
- City school systems, general review of statistics, 207-677.
- College mortality, 704-706.
- Colleges. *See* Universities and colleges, Universities, colleges, and professional schools, and universities, colleges, and technological schools.
- Compulsory attendance legislation, 128-142.
- Consolidated schools (State systems), definition and statistics, 94; number, 165-166.
- Cost of education, city systems, per capita, 330-331; per capita, 34-35; rural and city schools, per capita, 19-26; State systems, 198-199; total amount, 12.
- Day schools, city systems, personnel and number, 516-535.
- Dedham, Mass., age-grade statistics, 227.
- Degrees, universities, colleges, and technological schools, 680-681, 682, 697-702, 732-737.
- Dental schools. *See* Professional schools.
- Donora, Pa., age-grade statistics, 229.
- Elementary and secondary schools (State systems), average daily attendance, 151; enrollment, 149; review of statistics, 54-55.
- Elementary schools and kindergartens (city systems), cost of instruction, 376-388.
- Elementary schools (city systems), enrollment by grades, 296-297; number and personnel, 411-420, 536-553; retardation and acceleration, 288-289. *See also* Evening schools.
- Elementary schools (State systems), average daily attendance, 151; enrollment, 149, 155. *See also* Evening schools.
- Endowment, universities, colleges, and professional schools, 707-710.
- Engineering courses, universities, colleges, and technological schools, 730.
- Enrollment, elementary, secondary, and higher education, 40-41; city and rural schools, comparative statistics, 27-28; estimated cost (1918), 9; general statistics, 146-149; private and parochial schools, 56, 148; school and college, 8-9; total school, 11-12.
- Enrollment (city systems), 238-240, 398-409; elementary schools, 411-420; by grades, 296-301; percentage of pupils in average attendance, 410.
- Enrollment (State systems), by grades, fifth to ninth, 153; by years of advancement, 72-74; high schools, 59, 154, 157; kindergartens, 70; Negroes, 204; ten millions of pupils by grades, 69-72.
- Evening schools, city systems, 331-334, 449-459, 591-602. *See also* Elementary schools, Secondary schools.
- Expenditures, city and rural schools, average, 23; elementary and secondary schools, 32-33. *See also* Expenses.
- Expenditures (city systems), 210-211-328-330, 335-386; per capita for pupils in average attendance, 470.
- Expenditures (State systems), 202-203; buildings, grounds, and equipment, 192, 193; current expenses, 194-198; general discussion, 110-123; grand recapitulation, 196-197; instruction, 184-187; percentage analysis, 181; school libraries, 190-191; school plant, 188-189; transportation of pupils, 190-191.
- Expenses, city schools, 472-483, 620-630.
- Expenses of debt service, city systems, 504-515, 660-677.
- Federal aid for vocational education, State school systems, 177-178.
- Fees, universities, colleges, and professional schools, 854-875.
- Fellowships and scholarships, universities, colleges, and professional schools, 738, 854-875.
- General control, maintenance, and fixed charges, State systems, 182-183.
- Gifts and bequests to education, 11-13. *See also* Benefactions.
- Goshen, Ind., age-grade statistics, 228.



- Graduates, universities, colleges, and professional schools, 734-833.
- Graduates, universities, colleges, and technological schools, 702-704.
- Health and recreation, city systems, 334-335, 438-448, 581-590.
- High schools, enrollment increased more than colleges and universities, 692; State school systems, enrollment, 59, 154, 157. *See also* Secondary schools.
- Illiteracy, State systems, 145.
- Income, universities, colleges, and professional schools, 716-721, 739-740.
- Income (State systems), appropriation and taxation, 175-176; from Federal Government, etc., 177-178.
- A**
- Indebtedness, city systems, 324-327; State systems, 170-171.
- Instruction (city systems), cost, 375-388; expenses, 640-656; summary of expenses of day schools, 484-503.
- Instruction, State systems, payments, 184-187.
- Instructors. *See* Professors and instructors, and Teachers.
- Junior high schools, city systems, 219-220, 438-448, 561-560; "teaching load," 220-221.
- Kindergartens, Negroes, enrollment, 156-157; public and private, statistics, 42-52.
- Kindergartens (city systems), 334; enrollment and personnel, 428-437; personnel and number, 536-553.
- Kindergartens (State systems), effect of grade distribution, 74-78; enrollment by grades, 152; enrollment by year of advancement, 76.
- Law schools. *See* Professional schools.
- Legislation, educational. *See* School laws.
- Libraries, State school systems, payments, 190-191; universities and colleges, 706-707.
- Medical schools. *See* Professional schools.
- Mortality, school. *See* School mortality.
- Negroes, attendance, State school systems, 204; census and enrollment, State school systems, 204; enrollment in kindergartens, by grades, 156-157; general school statistics, 123-128.
- Normal, vocational, and special schools (city systems), enrollment and personnel, 428-437; number and personnel, 554-570.
- Population, cities, 516-535; city school systems, by grades, 298-301.
- Population (total), and aggregate attendance, city-school systems, 200; and school population, 143-150.
- Principals, city systems, elementary schools, 411-420. *See also* Administrative and supervising officers.
- Private and parochial schools, enrollment, 148.
- Private schools, enrollment, *See* 398-409.
- Professional schools, tuition fees in law, medicine, and dentistry, 713-715.
- Professors and instructors, universities, colleges, and professional schools, 722, 734-853; universities, colleges, and technological schools, 680-681, 688-690.
- Property, city and rural schools, 19, 31; city systems, value, 504-515; State systems, value, 96-98, 323-324, 690-697; universities, colleges, and professional schools, 711-713, 738, 854-875; universities, colleges, and technological schools, 683-684; value of public, used for school purposes, 167-168.
- Pupils, public and private schools and colleges, percentage distribution, 36-39. *See also* Enrollment, Retardation, and Students.
- Pupils (city systems), age-grade study, 222-231; average cost, 341-351; average number per teacher, 215; average total cost, 367; cost of instruction, 375-388; distribution, 232-233; distribution by age, 302-323; number, 217-218; over-age and under-age, by grades, 254-286; percentage distribution by ages, 240-242; under age, normal age, and over age, 234-237, 242-245.
- Receipts, city systems, 210, 460-469, 603-619; State systems, 172, 177-180; universities, colleges, and professional schools, 741-742, 876-897; universities, colleges, and technological schools, 683-684. *See also* School revenues.
- Retardation, city systems, 246-253, 288-290.
- Salaries, teachers. *See* Teachers' salaries.
- Scholarships. *See* Fellowships and scholarships.
- School and college mortality, 704-706.
- School attendance. *See* Attendance.
- School buildings (city systems), number, 213-214, 516-535; summary, 398-409.
- School buildings (State systems), grounds and equipment, 192-193; number, 95, 105-106.
- School census, city systems, 516-535.
- School enrollment. *See* Enrollment.
- School funds (State systems), income, 173-174; permanent, 98-100, 169.
- School hygiene. *See* Health and recreation.
- School indebtedness, State systems, amount and payment, 100-102.
- School lands (State systems), leases, 173-174; value, 173-174.
- School laws, compulsory attendance, 128-142.
- School mortality, public schools, 77-81, 290.
- School plant, State systems, payments for operation, 188-189.
- School population, State systems, statistics, 146-150.
- School property. *See* Property.
- School revenues, city systems, 325-327; State systems, 103, 109, 177-178. *See also* Receipts.
- School systems. *See* City school systems; State school systems.
- School term, city systems, 219-219, 571-580; in eight States, 85-88; in the South, 128-129; rural and city schools, 15, 29; State systems, 59-68, 129-130, 158-159.
- Schools, city systems, number, 213-214, 398-409; kindergarten, elementary and secondary, State systems, 166-166; State systems, total number, 83-94.
- Secondary and elementary schools, State systems, review of statistics (1870-1918), 54-55.
- Secondary schools (city systems), cost of instruction, 376-388; enrollment by grades, 296-297; personnel and number, 419-427, 554-570; retardation and acceleration, 288-289. *See also* Evening schools, and High schools.
- Secondary schools (State systems), average daily attendance; enrollment, 149, 155. *See also* Evening schools, and High schools.
- Sinking funds. *See* Bonds and sinking funds.
- South (The), school term and school attendance, 128-129.
- Special schools. *See* Normal, vocational, and special schools.
- State school systems, statistics, 53-205.

- Students, universities, colleges, and professional schools, 729, 731, 734-853; universities, colleges, and technological schools, 696-697, 680-682, 684, 728, 730; private universities, colleges, and technological schools, 724; public and private colleges, universities, and professional schools, 725-727; public universities, colleges, and technological schools, undergraduate and graduate, 723. *See also* Graduates, and Pupils.
- Supervisors, city systems, elementary schools, 411-420.
- Supervisors and principals, State systems, 160-161.
- Survey of education, statistical (Bonner), 7-32.
- "Survival of the fittest," *See* School survival percentages.
- Survival percentages, city systems, 287-288; for the class beginning in 1907, 80-82; universities and colleges, 704.
- Taxation, city systems, 327-328, 304-515, 660-677; State systems, 200-201.
- Taxation and values, city systems, 212.
- Teachers, city and rural schools, comparative summary, 30; distribution for four periods (1890-1918), 10; men in rural schools, 15; number in various types of schools, 12; percentage of men, 164. *See also* Professors and instructors.
- Teachers (city systems), elementary schools, 411-420; number, 213-214, 398-409; ratio of men, 410.
- Teachers (State systems), general decrease in percentage of men, 89-90; Negroes, 205; number and sex, 162-163, 164; number employed in various schools, 89.
- Teachers' salaries, city systems, 389-397; rural and city schools, 19; State systems, 90-93, 164.
- "Teaching load," city school systems, 215-217.
- Technological schools. *See* Universities, colleges, and technological schools.
- Term, school. *See* School term.
- Theological schools. *See* Professional schools.
- Transportation of pupils, city systems, 335, 438-448; State systems, 190-191.
- Truant officers, State systems, 141-142.
- Universities, enrollment, 8-9.
- Universities and colleges, enrollment, 8-9. *See also* Benefactions, College mortality, Degree, Endowment, Fees, Fellowships and scholarships, Graduates, Income, Libraries, Professional schools, Professors and instructors, Property, Receipts, and Students.
- Universities, colleges, and professional schools, 670-897.
- Universities, colleges, and technological schools, 680-683, 694-695.
- Vocational, normal, and special schools (city systems), enrollment and personnel, 428-437; personnel and number, 554-570.
- Vocational, normal, and special schools, cost of instruction, 376-381.
- Wealth and school expenditure in 1912, 203.

---

 ADDITIONAL COPIES

OF THIS PUBLICATION MAY BE PROCURED FROM  
 THE SUPERINTENDENT OF DOCUMENTS  
 GOVERNMENT PRINTING OFFICE  
 WASHINGTON, D. C.

\$1.00 per copy (Buckram Binding).