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# Statistics of City School Systems 1917-18

PREPARED BY THE STATISTICAL DIVISION  
OF THE BUREAU OF EDUCATION

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



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## 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 5,000 popula- tion.	Preceding groups combined.
<i>I.—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
Enrollment—						
Boys.....	135,435	33,228	22,530	9,355		200,568
Girls.....	134,709	33,847	22,820	9,891		201,267
Aggregate days' attendance.....	25,335,585	6,885,139	5,027,483	2,201,175		39,449,402
Average daily attendance.....	137,040	37,793	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
Teachers—						
Men.....	4,233	1,281	1,235	960		7,709
Women.....	72,184	31,461	29,257	20,526		153,428
Enrollment—						
Boys.....	1,491,419	592,000	578,145	415,853		3,077,504
Girls.....	1,466,575	597,216	579,910	420,255		3,063,956
Aggregate days' attendance.....	444,623,696	171,240,998	164,296,304	119,218,942		899,379,910
Average daily attendance.....	2,394,056	850,065	914,960	667,521		4,926,622
Number of schools.....	3,989	2,960	3,782	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	293		1,148
Teachers—						
Men.....	0,089	2,500	2,642	1,966		13,177
Women.....	8,615	5,020	6,014	4,996		24,645
Enrollment—						
Boys.....	175,065	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.....	296,759	145,216	171,149	132,629		745,753
Number of schools.....	282	237	476	666		1,650
<b>Normal, vocational, and special schools:</b>						
Supervisors.....	30	19	5	4		58
Principals.....	93	23	12	5		133
Teachers—						
Men.....	902	240	88	36		1,266
Women.....	2,339	323	185	55		2,902
Enrollment—						
Boys.....	43,263	6,435	5,536	1,783		57,017
Girls.....	36,015	4,052	4,756	1,482		46,305
Aggregate days' attendance.....	9,239,715	1,122,799	741,302	274,283		11,378,099
Average daily attendance.....	49,563	6,199	3,968	1,527		61,277
Number of schools.....	234	109	74	86		453

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

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>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	4,498
Enrollment—						
Boys.....	24,500	16,550	15,807	12,780	5,376	75,013
Girls.....	26,531	19,232	17,301	14,044	5,987	83,095
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	4,052,407	42,618,822
Superintendents and assistant superintendents.....	230	177	447	627	1,041	2,512
Supervisors, total number.....	335	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	3,065	2,982	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	493,377	494,270	4,229,467
Girls.....	1,842,260	735,727	725,126	520,438	521,583	4,367,134
Aggregate days' attendance.....	534,235,769	205,500,602	200,806,511	145,364,568	144,134,690	1,230,074,140
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	21,260
Total number of school buildings.....	4,970	3,334	4,260	3,884	4,395	20,843
Total number of school physicians.....	641	244	244	147	129	1,405
Total number of school nurses.....	791	214	194	108	75	1,382
Total number of triant officers.....	585	163	251	312	278	1,569
Total number of pupils in private schools.....	503,738	163,559	162,527	74,499	28,804	1,021,127
<i>III.—Distribution of attendance and personnel in public night schools.</i>						
Number of school systems reporting night schools.....						
Teachers:	49	108	181	118	62	518
Elementary schools.....	4,232	1,651	835	315	100	7,133
Secondary schools.....	4,288	1,082	833	171	48	6,220
Vocational schools.....	1,083	508	543	171	43	2,348
Other schools.....	142	107	89	25	13	376
Not distributed.....	485	7				502
Total men.....	4,057	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	5,585	1,883	217,906
Secondary schools.....	201,717	36,910	19,663	4,053	1,031	263,383
Vocational schools.....	41,270	16,726	12,527	2,893	672	74,094
Other schools.....	3,892	3,265	2,029	500	237	9,923
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	6,207	1,901	267,179

TABLE I.—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.
<b>IV.—Receipts of city school systems.</b>						
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	8,320,395	7,592,100	5,190,240	5,120,743	45,178,921
Subventions and grants from county	6,435,848	1,562,920	4,271,835	1,914,299	2,040,226	16,228,128
Subventions and grants from other civil divisions	214,580	50,584	422,650	71,084	87,130	816,028
Appropriations from city treasury	24,261,627	7,623,052	6,702,426	2,806,481	1,746,766	43,130,352
General property taxes	129,491,273	43,434,091	35,753,491	25,094,837	28,317,567	260,111,259
Loans and bond sales	10,279,333	9,889,463	8,224,784	4,280,512	5,402,228	34,076,320
Sales of property	570,147	303,968	86,047	91,389	97,839	1,149,390
All other receipts	4,693,794	2,710,296	3,387,827	2,568,640	3,485,153	16,845,710
<b>Total receipts</b>	<b>194,934,965</b>	<b>73,922,839</b>	<b>66,484,718</b>	<b>42,059,190</b>	<b>44,366,217</b>	<b>421,767,679</b>
<b>V.—Expenses, outlays, and other payments for school purposes.</b>						
<b>General control:</b>						
Business	3,289,700	939,512	787,325	496,420	510,771	6,023,788
Educational	3,252,778	1,022,414	1,674,251	1,610,399	1,856,763	9,516,605
<b>Expenses of instruction, day schools:</b>						
Salaries and expenses of supervisors	1,309,000	1,135,229	1,343,861	716,256	585,501	5,089,647
Salaries and expenses of principals	11,581,168	3,556,964	3,057,733	1,708,738	1,506,756	21,501,359
Salaries of teachers	105,162,261	33,084,519	29,226,744	19,134,076	19,457,537	206,065,137
Textbooks, stationery, supplies, and other expenses of instruction	6,065,630	2,467,578	2,370,938	1,476,743	1,473,658	13,854,547
Expenses of instruction, night schools	2,870,437	494,532	284,946	65,210	17,306	3,710,431
Wages of janitors and other employees	9,963,552	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	3,963,363	2,749,918	3,015,538	21,309,709
Maintenance, repairs, replacement of equipment, etc.	6,780,057	2,577,722	2,466,771	1,500,795	1,733,017	15,058,365
Expenses of auxiliary agencies	3,253,508	1,050,670	916,805	749,656	841,415	6,812,114
Fixed charges—pensions, rents, taxes, etc.	1,425,383	602,335	590,652	494,184	452,090	3,564,644
<b>Total current expenses</b>	<b>162,669,467</b>	<b>54,533,774</b>	<b>50,084,917</b>	<b>32,942,419</b>	<b>33,780,568</b>	<b>334,018,175</b>
<b>Outlays—capital acquisition and construction</b>						
	23,067,406	12,843,013	10,263,074	6,384,857	8,931,096	61,469,536
Expenses of debt service	11,581,046	8,159,879	7,040,108	4,402,693	4,345,760	35,590,356
<b>Grand total</b>	<b>197,315,909</b>	<b>75,536,666</b>	<b>67,388,120</b>	<b>43,739,969</b>	<b>47,067,424</b>	<b>431,098,067</b>
Expended for promotion of health	884,193	332,479	240,380	113,366	59,126	1,639,533
Expended for recreation	186,697	84,461	134,284	23,014	8,656	332,112
Expended for transportation of pupils	271,796	84,292	121,339	219,588	183,420	880,435
<b>VI.—Distribution of expenses of instruction in public day schools by position.</b>						
<b>Salaries and expenses of supervisors:</b>						
Kindergarten	23,844	12,429	14,965	2,813		54,041
Elementary schools	1,092,040	971,877	1,114,334	610,431		3,788,682
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
<b>Salaries and expenses of principals:</b>						
Elementary schools (including kindergarten)	8,969,369	2,824,571	2,217,836	1,073,798		16,066,574
Secondary schools	2,087,946	685,549	783,039	625,293		4,139,760
Other schools	351,428	66,844	40,278	8,666		467,216
Not distributed	202,426		6,580	2,981		211,966
<b>Salaries of teachers:</b>						
Kindergarten	1,617,196	561,666	472,617	181,249		2,832,618
Elementary schools	75,466,811	23,794,126	19,796,176	12,968,055		132,235,170
Secondary schools	22,783,616	7,911,163	8,434,473	5,769,815		44,899,067
Vocational schools	1,670,815	350,041	142,813	68,968		1,633,639
Other schools	3,019,941	190,316	80,339	21,910		2,331,306
Not distributed	3,213,882	277,225	90,424	106,079		3,687,610

Not used in expenses of auxiliary agencies above.



TABLE I.—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>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	480,694		3,401,854
Vocational schools.....	228,600	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	2,929	14,955	2,813		54,041
Salaries of teachers.....	1,617,198	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.....	1,092,040	971,877	1,114,334	610,431		3,788,682
Salaries and expenses of principals.....	8,969,369	2,824,571	2,217,836	1,073,798		15,065,574
Salaries of teachers.....	75,456,811	23,794,128	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.....	2,057,946	665,519	793,039	622,203		4,139,708
Salaries of teachers.....	22,783,616	7,911,153	8,434,473	5,789,815		44,899,057
Textbooks, supplies, and other expenses of instruction.....	1,482,852	735,911	722,397	480,694		3,401,854
Total.....	26,442,874	9,446,622	10,155,700	6,993,309		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.....	851,428	66,844	40,278	8,666		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.....	228,600	64,916	28,086	12,107		333,709
Normal and other schools.....	167,981	20,713	13,385	1,525		203,604
Total.....	3,901,514	769,744	318,124	113,311		5,042,693
Not distributed by departments:						
Salaries of supervisors.....	11,907		5,360	3,370		20,637
Salaries of principals.....	302,425		6,580	8,681		317,686
Salaries of teachers.....	2,213,882	277,325	90,424	106,079		2,687,710
Textbooks, supplies, and other expenses of instruction.....	182,510	21,805	2,657	11,307		218,279
Total.....	2,610,724	299,090	105,021	129,357		3,135,191
Grand total.....	124,118,059	40,244,290	35,999,076	23,035,813		223,397,238

TABLE I.—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 expense of instruction in public night schools.</i>						
Elementary schools.....	\$855,015	\$108,478	\$44,183	\$15,965	\$2,231	\$1,025,870
Secondary schools.....	1,134,919	117,866	60,400	10,471	1,571	1,331,317
Vocational schools.....	277,045	59,784	34,866	1,692	824	374,211
Other schools.....	1,832	2,473	8,627	330		13,292
Not distributed.....	608,056	221,257	109,415	29,439	1,000	972,167
Total.....	2,876,867	512,856	263,581	37,897	5,626	3,716,827
<i>IX.—Expense of debt service.</i>						
Redemption of bonds by payment from—						
Current funds.....	1,305,250	2,179,080	1,269,462	1,035,847	679,775	6,469,384
Sinking funds.....	1,201,500	1,455,604	848,012	555,068	409,052	4,469,236
Issue of new bonds.....	150,000	624,500	598,346	164,405	400,600	1,936,851
Payments to sinking funds.....	2,427,727	1,138,474	569,898	516,165	28,398	4,938,662
Redemption of short-term loans.....	1,821,727	902,138	1,779,430	598,865	621,907	5,694,067
Payment of interest on indebtedness.....	5,725,830	3,532,213	2,683,280	1,652,600	1,031,061	14,635,004
Refunds.....	47,731	73,722	101,288	43,089	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	405,434	267,766	6,201,333
Other forms of debt.....	1,137,297	78,276	28,775	12,484	14,250	1,269,082
Total amount in sinking funds.....	668,919	72,289	66,617	24,774	23,832	854,431
<i>XI.—Taxation and valuations.</i>						
Assessed valuation of property (thousands of dollars).....	27,731,813	7,682,587	6,409,594	3,702,046	3,624,562	49,150,624
True valuation of property (thousands of dollars).....	34,808,069	10,547,887	9,683,176	5,676,267	6,249,279	67,244,678
Ratio of assessed valuation to true property value.....	79	73	66	63	58	74
Amount derived from tax on property (dollars).....	163,372,829	57,949,281	55,630,847	32,963,858	35,370,919	347,329,734
Average rate of taxation for school purposes (mills).....	4.74	5.30	5.75	5.61	5.66	5.09
Value of school properties (thousands of dollars).....	617,254	226,252	211,999	148,738	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 37.8 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.....	2	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	242
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	20	31	37	100
43-44.....	3	3	17	20	16	59
45-46.....	1	3	9	20	14	47
47-48.....		3	10	18	10	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 35.8. 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

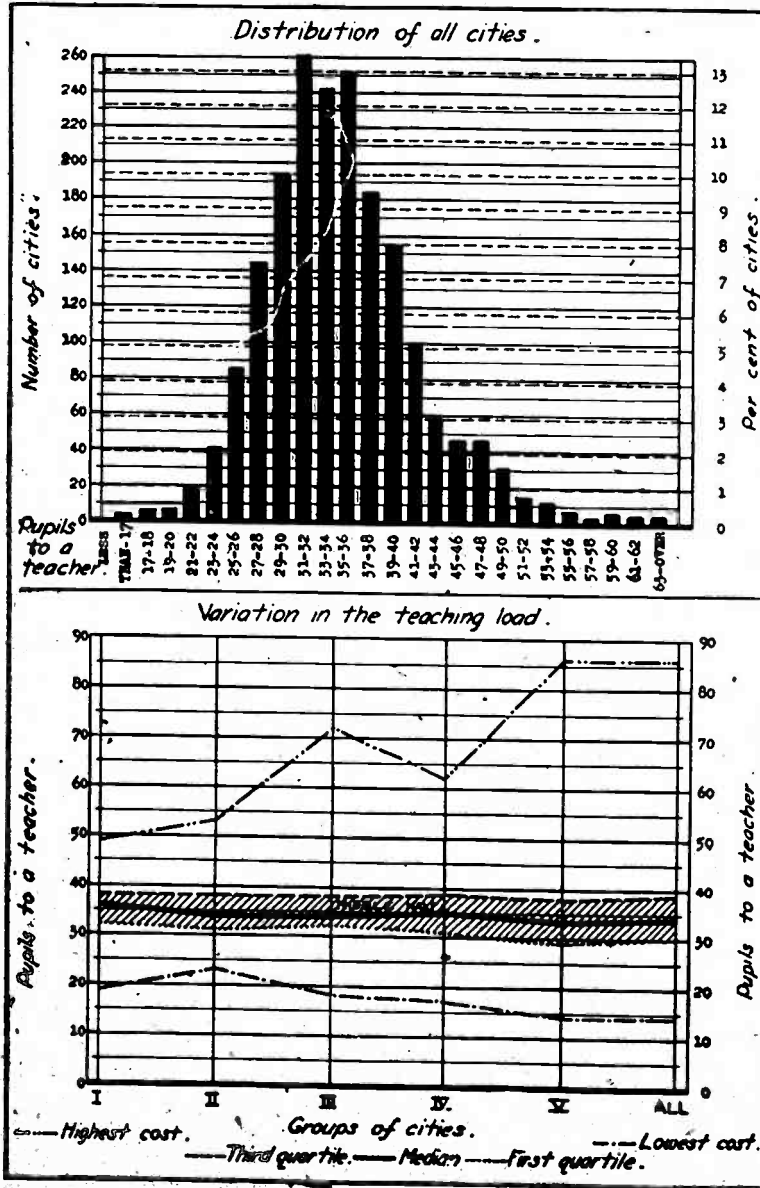


Fig. 1.—Distribution of cities according to the average teaching load in all schools, 1917-18.

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	9	12	17	15	55	3.1
191-195.....	9	14	24	12	20	79	4.5
186-190.....	7	19	53	59	75	213	12.1
181-185.....	13	24	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	9	21	42	2.4
156-160.....		4	4	6	22	36	2.0
151-155.....			3	4	3	9	.5
146-150.....			1	1	1	3	.2
141-145.....		1	1	1	2	5	.3
136-140.....							
131-135.....							
126-130.....					1	1	.1
121-125.....							
116-120.....					1	1	.1
Total.....	61	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.

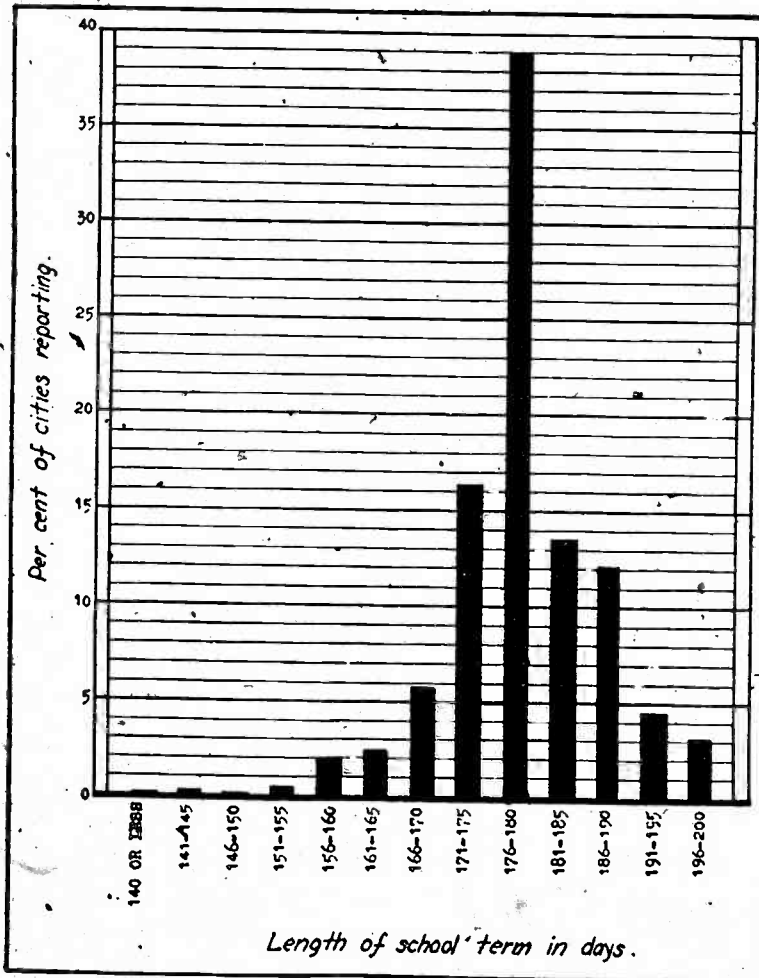


FIG. 2.—Distribution of 1,762 cities which reported the number of days the public schools were actually in session, 1917-18.

#### 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	7	18	6.1
20-24	3	8	11	9	12	43	14.6
25-29	5	19	17	19	12	71	24.1
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
50-54			3	1		4	1.3
55-59				1	3	4	1.3
60-64				1		1	.3
65-69			1			1	.3
Total	17	38	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.

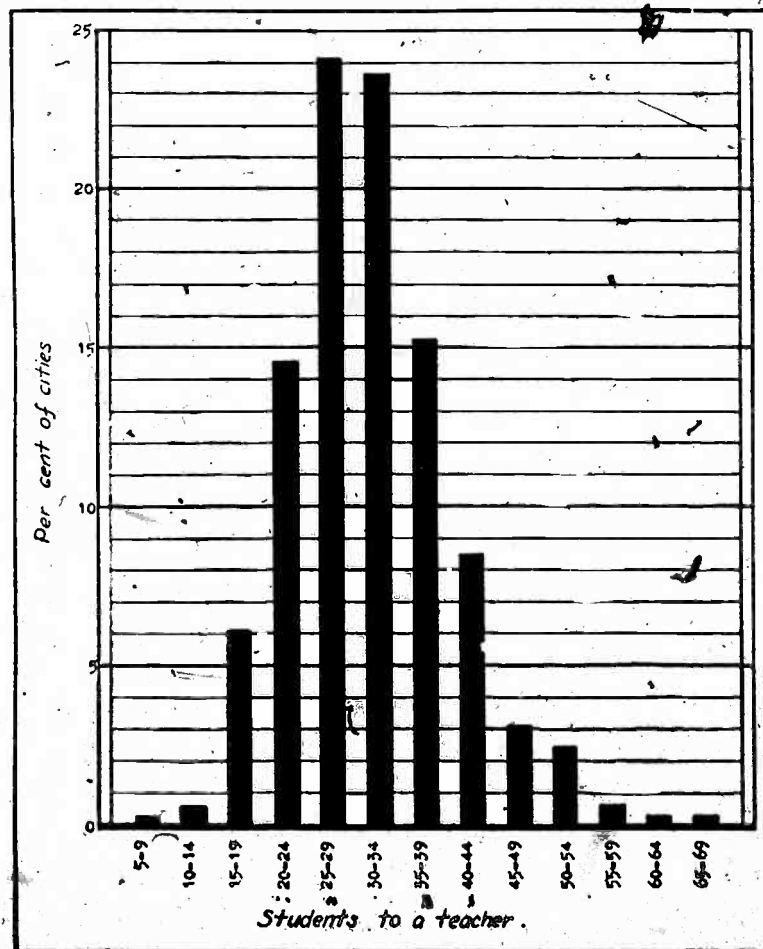


FIG. 3.—Distribution of 295 cities showing the number of pupils to a teacher in junior high schools, 1917-18.

As shown in Table 4, half the cities in the first group have from 26 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 42 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. 4, 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	Delham, Mass.	38.1	56.1	5.8
Aurora, Ill.	15.8	72.2	12.0	Wakefield, Mass.	27.0	65.1	9.7
Decatur, Ill.	17.6	69.7	12.7	Danbury, Conn.	35.0	55.3	9.7
Minneapolis, Minn.	12.5	73.9	13.6	Wallingford, Conn.	24.0	65.2	10.8
Canton, 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.	13.4	70.5	14.1
Dayton, Ohio	2	83.0	16.8	Winchester, Mass.	8.3	76.5	15.2
Paterson, N. J.	19.9	62.9	17.2	Galesburg, Ill.	14.9	69.7	15.4
Madison, Wis.	12.5	69.9	17.6	Medford, Mass.	8.5	75.1	15.4
Reading, Pa.	18.0	64.2	17.8	Macomb, Ill.	35.6	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.	29.7	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	69.4	19.5
Altoona, Pa.	18.1	61.7	20.2	Frankfort, Ind.	5.2	75.2	19.6
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	78.0	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	Mainfield, N. J.	15.6	62.6	21.8
Watertown, N. Y.	14.1	63.0	22.9	Homestead, Pa.	11.2	65.6	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	26.8	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	54.8	26.6
Springfield, Ohio	3.0	68.5	28.5	Vineland, N. J.	13.0	59.2	27.8
York, Pa.	2.6	68.8	28.6	White Plains, N. Y.	9.0	59.3	31.7
Hoboken, N. J.	10.4	60.9	28.7	McAlester, Okla.	7.9	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	Dopora, 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.

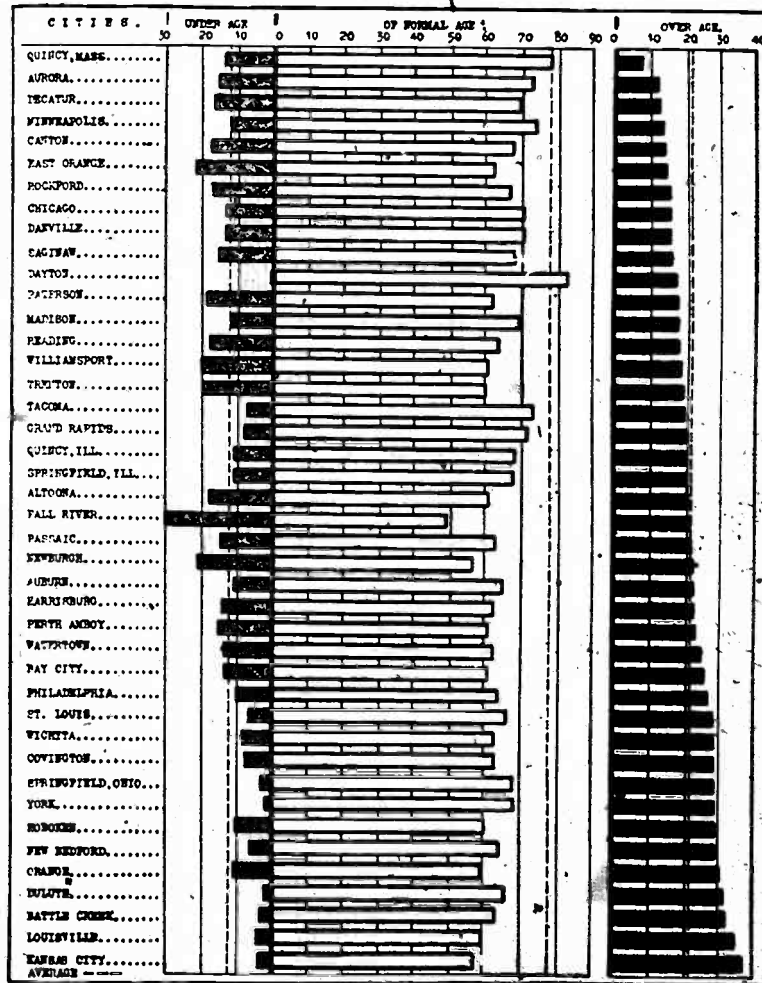


FIG. 4.—Per cent of pupils under age, of normal age, and over age in cities of group A, 1917-18.

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).

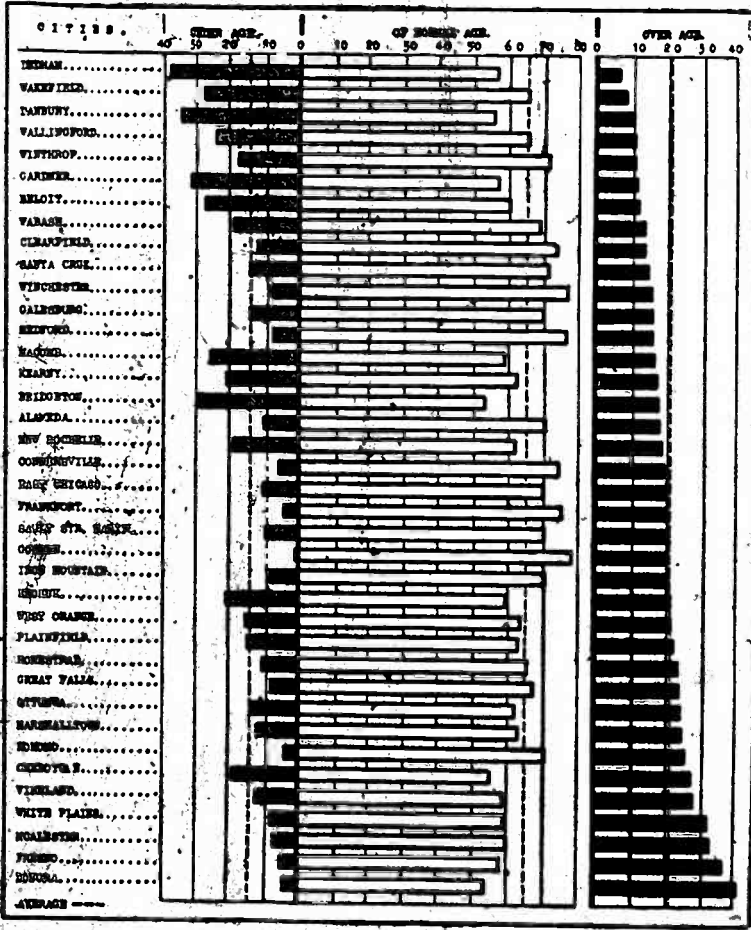


FIG. 5.—Per cent of pupils under age, of normal age, and over age in the cities of group B, 1917-18.



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

Grades (subject items).	Ages (relative items; lower numbers are substitutes for the exact ages).												Total enroll- ment.	S.T.	SST.			
	5	6	7	8	9	10	11	12	13	14	15	16				17	18	19
1	121	120	41	5	2												307	307
2		120	122	47	18												280	580
3			122	120	25												245	731
4				120	83												210	864
5					39												230	1,150
6					71												248	1,488
7					13												180	1,330
8					41												269	2,152
9					11												177	1,583
10					5												127	1,270
11					1												65	715
12																	57	684
Total	121	222	251	270	213	241	272	230	241	179	132	57	37	12	4	2,411	12,848	91,402
S.T.	120	444	753	1,080	1,063	1,446	1,624	1,630	2,109	1,790	1,462	684	481	168	60	14,936	12,848	6,329
SST	120	804	2,269	4,320	5,825	8,676	11,368	12,490	15,521	17,040	15,972	8,208	6,253	2,362	300	116,862	2,411	6,329
$r$	120	305	540	851	885	1,261	1,457	1,427	1,902	1,706	1,270	613	426	143	48	102,024	14,936	6,186
$p_r$	120	610	1,630	3,404	4,425	7,468	10,100	11,416	17,118	15,980	13,970	7,356	5,538	2,002	720	102,024	2,411	6,186

$$r = \frac{102,024 - (5,329 \times 14,936)}{\sqrt{[91,402 - (5,329 \times 12,848)] [116,862 - (6,186 \times 14,936)]}} = .949$$

$$p_r = \frac{102,024 - (5,329 \times 14,936)}{116,862 - (6,186 \times 14,936)} = .922$$

Abbreviations: S—subject items; R—relative items; T—total; f—frequency;  $\Sigma$ —summation of;  $r$ —coefficient of correlation;  $p_r$ —second coefficient of regression.



TABLE B.—Age-grade table, Cochen, Ind., 1917-18, showing the distribution of pupils and the method employed in computing  $r$  and  $p_2$ .

Grades (subject items).	Ages (relative items: lower numbers are substitutes for the exact ages).														Total enrollment.	ST.	SST.	
	6	7	8	9	10	11	12	13	14	15	16	17	18	19				
1	78	70	15	2	2	2	2	2	2	2	2	2	2	2	2	165	165	165
2	1	61	12	13	2	2	2	2	2	2	2	2	2	2	2	131	392	604
3		13	83	42	68	21	6	3	3	3	3	3	3	3	3	196	368	1,104
4				4	44	58	18	9	6	6	6	6	6	6	6	138	252	2,106
5					37	20	20	16	1	1	1	1	1	1	1	130	250	3,750
6					34	28	28	20	7	7	7	7	7	7	7	143	282	2,121
7					3	10	10	10	4	4	4	4	4	4	4	85	1,620	5,400
8					3	10	10	10	4	4	4	4	4	4	4	85	1,620	5,400
9					3	10	10	10	4	4	4	4	4	4	4	85	1,620	5,400
10					3	10	10	10	4	4	4	4	4	4	4	85	1,620	5,400
11					3	10	10	10	4	4	4	4	4	4	4	85	1,620	5,400
12					3	10	10	10	4	4	4	4	4	4	4	85	1,620	5,400
Total	79	144	170	121	145	143	91	122	156	162	80	60	21	2	1,496	8,112	38,112	
RET.	79	288	510	484	725	838	637	975	1,404	1,609	880	720	273	28	9,482	Av. S items = 8,112		
RET.	79	376	1,580	1,930	3,025	5,148	4,459	7,908	12,036	16,200	9,680	8,040	3,219	392	76,238	Av. S items = 1,406	5,422	
SST.	80	231	408	396	590	736	548	705	1,201	1,437	770	640	228	24	65,081	Av. R items = 9,482		
R (SST)	80	462	1,224	1,584	2,960	4,356	3,796	6,360	10,809	14,379	8,470	7,020	2,964	236	65,081	Av. R items = 1,406	6,328	

$$r = \sqrt{\frac{65,081 - (5,422 \times 9,482)}{[65,081 - (5,422 \times 9,482)] [76,238 - (6,328 \times 9,482)]}} = .947$$

$$p_2 = \frac{65,081 - (5,422 \times 9,482)}{76,238 - (6,328 \times 9,482)} = .863$$



TABLE C.—Age-grade table, Donora, Pa., 1917-18, showing the distribution of pupils and the method employed in computing  $r$  and  $p_2$ .

Grades (subject items).	Ages (relative items; lower numbers 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																		390	390	390
2.		140																	558	558	1,116
3.			80																864	864	2,592
4.				30															1,296	1,296	5,184
5.					105														1,530	1,530	7,750
6.						47													1,506	1,506	9,036
7.							26												1,372	1,372	9,094
8.								13											1,312	1,312	10,496
9.									6										680	680	5,070
10.										4									429	429	4,200
11.											2								792	792	8,712
12.												2							39	39	5,616
Total	171	250	221	228	243	245	274	188	238	194	94	51	51	2	2	2	2	2,425	11,158	70,366	
R.T.	171	500	693	952	1,215	1,470	1,638	1,504	2,142	1,940	1,034	612	702	28	30	30	30	14,901	Av. S items =		
R.T.T.	171	1,000	1,989	3,808	6,075	8,820	11,466	12,032	19,278	19,400	11,374	7,344	9,126	362	450	450	450	112,725	11,158	4,601	
SST	171	390	484	713	1,090	1,527	1,881	1,738	2,565	2,456	1,307	837	950	32	32	32	32	81,770	Av. S items =	4,601	
R.SST.	171	780	1,452	2,852	4,590	6,762	8,071	9,104	14,215	14,560	8,207	6,000	7,030	308	330	330	330		14,901	6,021	

$r = \frac{83892 - (4,601 \times 14,901)}{\sqrt{[70,366 - (4,601 \times 11,158)] [112,725 - (6,021 \times 14,901)]}} = 0.928$   
 $p_2 = \frac{86,892 - (4,601 \times 14,901)}{112,725 - (6,021 \times 14,901)} = 0.795$

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>2</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>2</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.	Over age.						Under age.			
		0 normal age.	1 year.	2 years.	3 years.	4 years.	5 years or more.	Total.	1 year.	2 years or more.	Total.
<b>PUPILS</b>											
<b>Group A cities, 1908:</b>											
Boys	341,533	190,519	73,537	822	17,056	6,332	3,171	136,922	11,576	546	12,082
Girls	332,959	200,432	67,822	12,463	4,383	2,603	118,717	13,810	333	13,810	
<b>Total</b>	<b>674,512</b>	<b>390,951</b>	<b>141,359</b>	<b>70,898</b>	<b>29,513</b>	<b>10,725</b>	<b>5,114</b>	<b>297,639</b>	<b>21,853</b>	<b>1,039</b>	<b>25,892</b>
<b>Group B cities, 1908:</b>											
Boys	34,867	18,655	6,455	1,570	582	370	320	12,594	3,428	190	3,618
Girls	33,875	19,470	2,769	1,932	370	952	170	10,083	3,927	305	4,322
<b>Total</b>	<b>68,742</b>	<b>38,125</b>	<b>12,197</b>	<b>2,628</b>	<b>952</b>	<b>490</b>	<b>490</b>	<b>22,677</b>	<b>7,355</b>	<b>585</b>	<b>7,940</b>
<b>All 80 cities, 1908:</b>											
Boys	376,420	209,174	80,012	42,583	18,648	6,914	3,491	151,546	15,004	696	15,700
Girls	366,834	219,902	73,544	13,515	4,763	2,173	1,173	128,800	17,204	828	18,132
<b>Total</b>	<b>743,254</b>	<b>429,076</b>	<b>153,556</b>	<b>77,308</b>	<b>32,411</b>	<b>11,677</b>	<b>5,664</b>	<b>280,346</b>	<b>32,208</b>	<b>1,624</b>	<b>33,832</b>
<b>Group A cities, 1918:</b>											
Boys	509,299	338,538	66,883	29,626	10,968	3,751	1,726	111,084	52,007	3,770	55,777
Girls	514,816	350,238	61,021	8,751	2,902	1,288	98,423	61,542	4,593	64,155	
<b>Total</b>	<b>1,024,115</b>	<b>688,776</b>	<b>129,914</b>	<b>34,687</b>	<b>19,739</b>	<b>6,633</b>	<b>3,014</b>	<b>213,407</b>	<b>113,604</b>	<b>8,363</b>	<b>121,93</b>
<b>Group B cities, 1918:</b>											
Boys	66,339	37,356	7,913	1,168	375	190	130	13,024	7,428	601	8,029
Girls	59,725	31,137	7,040	949	306	106	111	11,131	8,646	171	9,437
<b>Total</b>	<b>118,064</b>	<b>78,513</b>	<b>14,953</b>	<b>2,117</b>	<b>681</b>	<b>296</b>	<b>241</b>	<b>24,155</b>	<b>16,074</b>	<b>1,372</b>	<b>17,466</b>
<b>All 80 cities, 1918:</b>											
Boys	567,638	375,894	76,806	32,934	12,156	4,126	1,916	127,608	59,435	4,371	63,804
Girls	574,541	389,385	68,061	9,700	3,208	1,384	1,384	109,554	70,228	5,364	75,592
<b>Total</b>	<b>1,142,179</b>	<b>765,289</b>	<b>144,867</b>	<b>21,856</b>	<b>7,334</b>	<b>3,310</b>	<b>3,310</b>	<b>237,162</b>	<b>129,663</b>	<b>9,735</b>	<b>139,396</b>

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

		MEDIAN PERCENTAGES.										AVERAGE PERCENTAGES.									
Group A cities:		1908.					1918.					1908.					1918.				
Boys	30.9	11.3	4.8	2.5	( )	39.4	11.0	4.5	2.8	( )	3.6	21.5	11.4	6.0	2.8	( )	40.7	11.0	5.8	2.2	( )
Girls	14.1	6.2	2.1	1.1	( )	22.9	6.2	1.0	1.1	( )	11.5	5.8	2.2	1.1	1.1	( )	22.6	6.2	2.2	1.1	( )
Total	19.3	8.9	3.4	1.5	( )	32.2	8.9	1.5	1.9	( )	13.9	8.9	1.5	1.9	1.9	( )	35.7	8.9	3.8	1.7	( )
Group B cities:		1909.					1918.					1908.					1918.				
Boys	19.6	10.8	4.4	2.4	( )	36.5	10.8	4.4	2.4	( )	3.5	19.6	10.8	4.4	2.4	( )	36.5	10.8	4.4	2.4	( )
Girls	12.7	5.2	1.8	1.2	( )	20.6	5.2	1.6	1.2	( )	13.6	5.2	1.8	1.2	1.2	( )	20.6	5.2	1.8	1.2	( )
Total	17.9	8.4	2.7	1.5	( )	28.6	8.4	2.7	1.5	( )	15.0	8.4	2.7	1.5	1.5	( )	28.6	8.4	3.0	1.7	( )
All 40 cities:		1908.					1918.					1908.					1918.				
Boys	20.0	11.2	4.6	2.4	( )	38.3	11.2	4.6	2.4	( )	3.5	20.0	11.2	4.6	2.4	( )	38.3	11.2	4.6	2.4	( )
Girls	13.7	5.6	1.9	1.4	( )	22.2	5.6	1.8	1.4	( )	11.7	13.7	5.6	1.9	1.4	( )	22.2	5.6	1.9	1.4	( )
Total	18.7	8.5	3.0	1.7	( )	30.5	8.5	3.0	1.7	( )	14.5	18.7	8.5	3.0	1.7	( )	30.5	8.5	3.0	1.7	( )
Group A cities:		1908.					1918.					1908.					1918.				
Boys	21.5	11.4	6.0	2.8	( )	40.7	11.4	6.0	2.8	( )	3.5	21.5	11.4	6.0	2.8	( )	40.7	11.4	6.0	2.8	( )
Girls	13.5	5.8	2.2	1.1	( )	22.6	5.8	2.2	1.1	( )	11.0	13.5	5.8	2.2	1.1	( )	22.6	5.8	2.2	1.1	( )
Total	20.4	9.0	3.8	1.9	( )	35.7	9.0	3.8	1.9	( )	12.9	20.4	9.0	3.8	1.9	( )	35.7	9.0	3.8	1.9	( )
Group B cities:		1908.					1918.					1908.					1918.				
Boys	18.6	10.4	5.5	2.6	( )	35.1	10.4	5.5	2.6	( )	10.4	18.6	10.4	5.5	2.6	( )	35.1	10.4	5.5	2.6	( )
Girls	16.9	8.0	3.1	1.9	( )	22.8	8.0	3.1	1.9	( )	13.9	16.9	8.0	3.1	1.9	( )	22.8	8.0	3.1	1.9	( )
Total	17.8	9.3	3.8	2.1	( )	33.0	9.3	3.8	2.1	( )	11.5	17.8	9.3	3.8	2.1	( )	33.0	9.3	3.8	2.1	( )
All 40 cities:		1908.					1918.					1908.					1918.				
Boys	21.2	11.3	4.9	2.8	( )	40.2	11.3	4.9	2.8	( )	4.2	21.2	11.3	4.9	2.8	( )	40.2	11.3	4.9	2.8	( )
Girls	13.5	5.8	2.1	1.1	( )	22.5	5.8	2.1	1.1	( )	11.3	13.5	5.8	2.1	1.1	( )	22.5	5.8	2.1	1.1	( )
Total	20.0	9.5	3.7	1.9	( )	35.1	9.5	3.7	1.9	( )	13.1	20.0	9.5	3.7	1.9	( )	35.1	9.5	3.7	1.9	( )
All 40 cities:		1908.					1918.					1908.					1918.				
Boys	20.7	10.4	4.3	2.3	( )	37.7	10.4	4.3	2.3	( )	4.2	20.7	10.4	4.3	2.3	( )	37.7	10.4	4.3	2.3	( )
Girls	12.7	5.3	1.9	1.5	( )	20.8	5.3	1.9	1.5	( )	14.8	12.7	5.3	1.9	1.5	( )	20.8	5.3	1.9	1.5	( )
Total	16.7	8.0	3.3	2.3	( )	29.8	8.0	3.3	2.3	( )	12.6	16.7	8.0	3.3	2.3	( )	29.8	8.0	3.3	2.3	( )

† 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

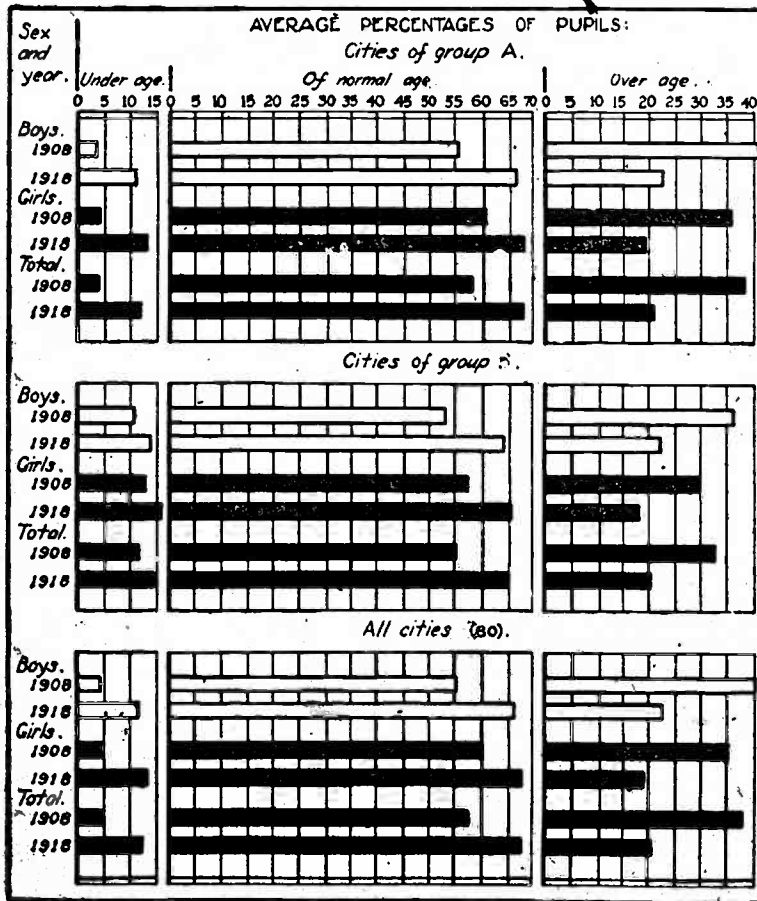


FIG. 6.—Average percentages of pupils under age, of normal age, and over age in 90 cities in 1908 and 1918.

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

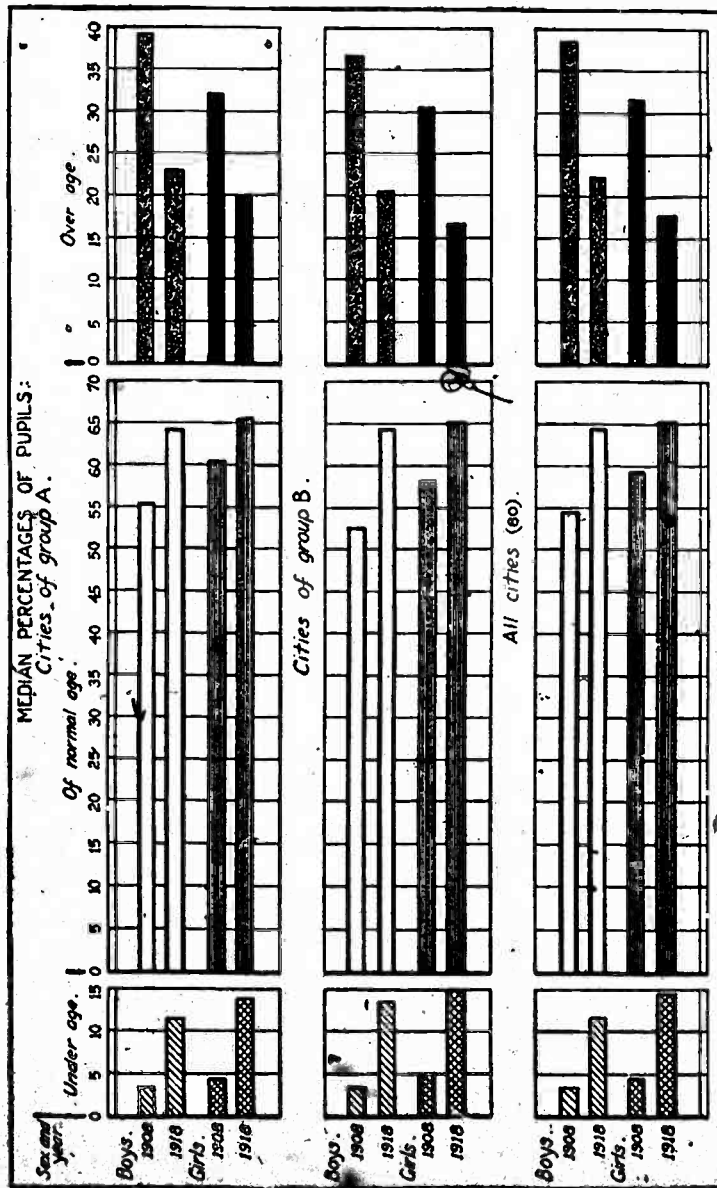


FIG. 7.—Median percentages of pupils under age, of normal age, and over age in 80 cities in 1908 and 1918.

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 1918 were only 13.7, 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.

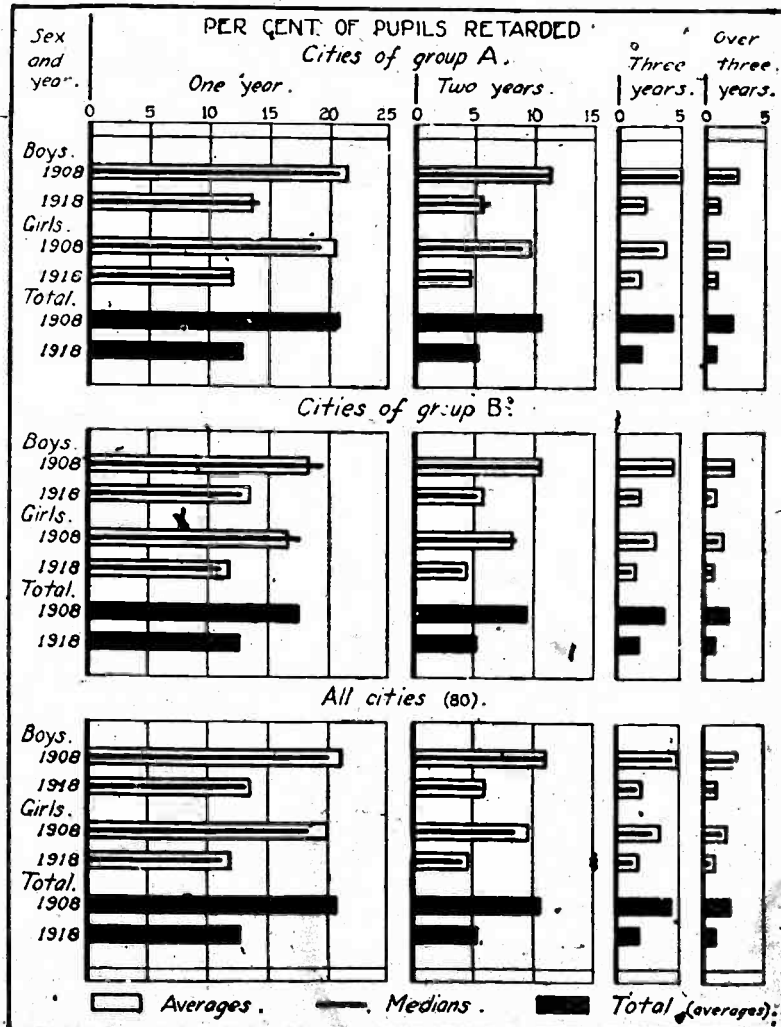


Fig. 8.—Per cent of pupils retarded one, two, three, and more than three years in 80 cities in 1908 and 1918.

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	29,500	37,314	40,015	38,484	39,213	38,108	39,487	38,764	28,647	16,922	9,296	5,140	2,628	940	317	1,367,463
Girls.....	2,894	26,288	30,373	39,936	37,633	38,813	37,943	39,066	37,435	27,046	17,564	10,431	6,242	3,135	1,021	253	1,304,063
<b>Total.....</b>	<b>5,610</b>	<b>57,887</b>	<b>73,687</b>	<b>79,951</b>	<b>76,127</b>	<b>78,026</b>	<b>76,051</b>	<b>78,553</b>	<b>76,200</b>	<b>55,693</b>	<b>34,486</b>	<b>19,727</b>	<b>11,382</b>	<b>5,763</b>	<b>1,961</b>	<b>570</b>	<b>2,671,526</b>
<b>Pupils in group B cities, 1908:</b>																	
Boys.....	1,065	3,050	3,744	3,967	3,792	3,641	3,875	3,837	3,822	3,107	2,198	1,529	858	469	163	62	1,39,170
Girls.....	1,066	2,973	3,663	3,928	3,777	3,643	3,810	3,823	3,523	3,110	2,307	1,758	1,159	517	183	48	1,39,448
<b>Total.....</b>	<b>2,131</b>	<b>6,023</b>	<b>7,407</b>	<b>7,895</b>	<b>7,569</b>	<b>7,284</b>	<b>7,685</b>	<b>7,660</b>	<b>7,345</b>	<b>6,217</b>	<b>4,505</b>	<b>3,287</b>	<b>1,997</b>	<b>1,007</b>	<b>346</b>	<b>110</b>	<b>278,618</b>
<b>Pupils in 80 cities, 1908:</b>																	
Boys.....	3,781	32,550	41,058	43,982	42,256	43,159	41,983	43,324	42,440	31,752	19,120	10,725	5,998	3,088	1,103	379	406,633
Girls.....	3,960	31,361	39,976	43,864	41,410	41,753	41,753	42,889	41,008	30,151	19,871	12,189	7,381	3,882	1,204	301	406,511
<b>Total.....</b>	<b>7,741</b>	<b>63,920</b>	<b>81,084</b>	<b>87,846</b>	<b>83,666</b>	<b>84,912</b>	<b>83,736</b>	<b>86,213</b>	<b>83,454</b>	<b>61,906</b>	<b>39,001</b>	<b>22,914</b>	<b>13,379</b>	<b>6,970</b>	<b>2,307</b>	<b>680</b>	<b>813,144</b>
<b>Pupils in group A cities, 1918:</b>																	
Boys.....	8,278	52,077	55,701	54,094	54,615	53,376	50,221	49,642	47,644	36,362	22,109	12,243	7,487	3,525	1,223	472	500,269
Girls.....	8,405	51,376	55,193	55,013	54,184	52,872	50,859	49,440	48,363	36,801	24,257	14,475	8,959	4,019	1,210	481	514,816
<b>Total.....</b>	<b>16,683</b>	<b>104,053</b>	<b>110,894</b>	<b>109,107</b>	<b>108,800</b>	<b>106,248</b>	<b>101,080</b>	<b>99,081</b>	<b>96,007</b>	<b>73,163</b>	<b>46,366</b>	<b>26,718</b>	<b>16,446</b>	<b>7,544</b>	<b>2,433</b>	<b>953</b>	<b>1,024,115</b>
<b>Pupils in group B cities, 1918:</b>																	
Boys.....	1,272	5,432	5,871	5,884	5,909	5,841	5,620	5,120	5,055	4,373	3,303	2,135	1,430	746	269	130	58,339
Girls.....	1,270	5,150	5,814	5,878	5,875	5,734	5,512	5,228	4,961	4,579	3,678	2,063	1,567	916	283	119	59,725
<b>Total.....</b>	<b>2,542</b>	<b>10,582</b>	<b>11,685</b>	<b>11,762</b>	<b>11,784</b>	<b>11,575</b>	<b>11,132</b>	<b>10,348</b>	<b>10,016</b>	<b>8,952</b>	<b>6,981</b>	<b>4,198</b>	<b>3,007</b>	<b>1,662</b>	<b>552</b>	<b>249</b>	<b>118,064</b>
<b>Pupils in 80 cities, 1918:</b>																	
Boys.....	9,550	58,129	61,172	59,978	60,614	59,217	55,747	54,762	52,689	40,735	25,412	14,378	8,917	4,274	1,492	602	567,608
Girls.....	9,675	56,528	61,037	59,791	60,059	58,660	56,391	54,677	53,354	41,300	27,163	17,138	10,540	4,935	1,193	600	571,541
<b>Total.....</b>	<b>19,225</b>	<b>114,657</b>	<b>122,209</b>	<b>119,769</b>	<b>120,673</b>	<b>117,873</b>	<b>112,138</b>	<b>109,439</b>	<b>106,043</b>	<b>82,115</b>	<b>52,575</b>	<b>31,516</b>	<b>19,457</b>	<b>9,209</b>	<b>2,685</b>	<b>1,202</b>	<b>1,139,149</b>
<b>Pupils in group A cities having kindergarten, 1918:</b>																	
Boys.....	15,063	95,842	100,700	98,342	99,118	96,691	91,481	90,551	87,729	65,963	41,219	21,398	11,321	6,111	2,009	533	629,369
Girls.....	1,680	8,511	9,794	9,665	9,711	9,702	9,669	8,840	8,278	7,170	5,117	3,329	2,125	1,109	384	199	94,846
<b>Total.....</b>	<b>1,168</b>	<b>4,960</b>	<b>5,680</b>	<b>5,733</b>	<b>5,806</b>	<b>5,658</b>	<b>5,157</b>	<b>4,814</b>	<b>4,789</b>	<b>4,111</b>	<b>3,412</b>	<b>2,286</b>	<b>1,615</b>	<b>819</b>	<b>317</b>	<b>156</b>	<b>59,088</b>

Pupils in group B cities not having kindergartens, 1918.....	1,387	5,642	6,005	6,029	6,028	6,077	5,991	5,531	5,237	4,541	3,567	2,502	1,712	786	235	93	61,366
Pupils in 30 cities having kinder- gartens, 1918.....	16,399	100,502	106,380	104,075	104,924	102,044	96,838	95,365	92,518	70,401	44,661	25,094	15,930	7,283	2,366	1,009	980,007
Pupils in 99 cities not having kinder- gartens, 1918.....	3,017	14,153	15,829	15,694	15,749	15,839	15,500	14,074	13,535	11,711	8,094	5,822	3,897	1,868	610	183	166,172
Per cent of pupils of each age:																	
Group A, 1908.....	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, 1908.....	1.6	10.2	10.8	10.6	10.6	10.4	9.9	9.7	9.4	7.1	4.5	2.6	1.6	0.7	0.2	0.1	100.0
Group B, 1918.....	2.7	7.7	9.3	9.9	9.5	9.8	9.8	9.8	9.2	7.0	5.7	4.2	2.5	1.3	.5	.1	100.0
Group B, 1918.....	2.1	9.0	9.9	10.0	10.0	9.9	9.4	8.8	8.5	7.6	5.9	4.0	2.8	1.4	.5	.2	100.0
All 99 cities, 1908.....	4.0	7.9	10.0	10.8	10.3	10.6	10.3	10.7	10.3	7.6	4.8	2.8	1.7	.8	.3	.1	100.0
All 99 cities, 1918.....	1.7	10.0	10.7	10.5	10.0	10.3	9.8	9.6	9.3	7.2	4.7	2.8	1.7	.8	.2	.1	100.0

1 This total exceeds the corresponding grade enrollment by 158.  
 2 This total is less than the corresponding grade enrollment by 345.  
 3 Includes 1,270 pupils enrolled in the ninth grade elementary not included in corresponding grade table. See footnotes to Table 36.  
 4 This total exceeds the corresponding grade enrollment by 101.  
 5 This total exceeds the corresponding grade enrollment by 113.  
 6 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>

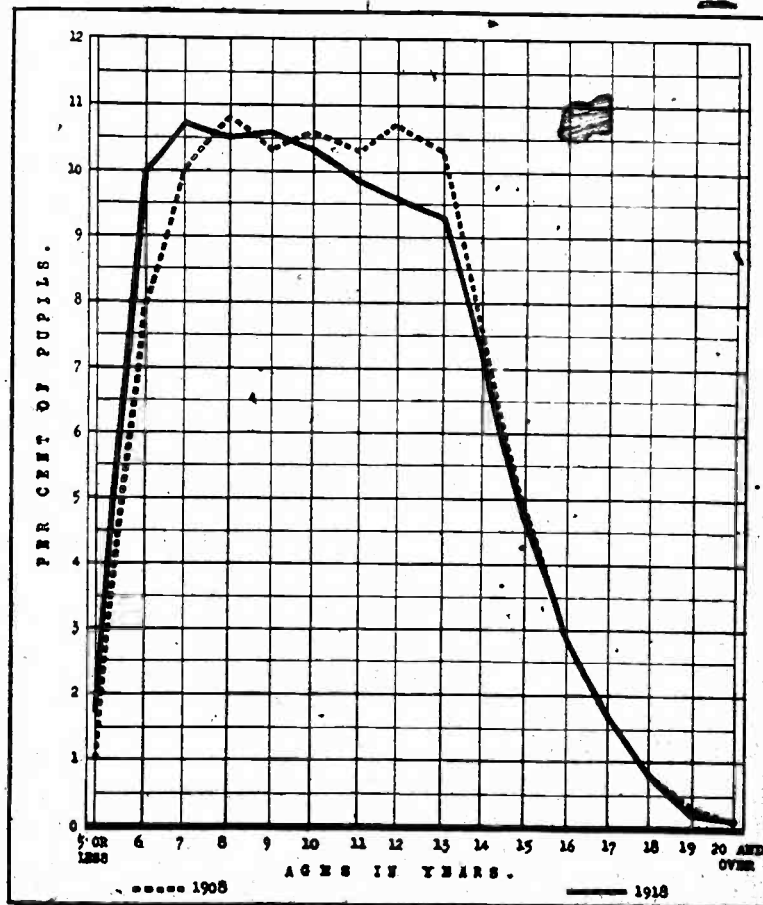


FIG. 9.—Per cent of pupils of each age in 80 cities in 1908 and 1918.

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 F. *Legislation in all schools* (ch. 3).  
<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.

Per cent 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		7	1	5	1
1 per cent.....	5		7		10	1	5	1	15	1	12	1
2 per cent.....	9	3	3		6		8		15	3	11	
3 per cent.....	3	1	6	3	3	1	2		6	2	8	3
4 per cent.....	2	2	5	2	2	1	3	1	4	3	8	3
5 per cent.....	8	1	3	2	1	3	1	3	9	4	4	5
6 per cent.....		4	3	1			1			4	4	2
7 per cent.....	2	2	2	1	2	3			4	1	3	1
8 per cent.....	1	2		1		1		2	1	3	3	3
9 per cent.....	3	1	1	3	1	3		4	4	2	7	2
10 per cent.....	1	3	2	1	2	3	1	2	8	3	3	2
11 per cent.....	1	4	2	1	1	2	1	2	6	3	3	3
12 per cent.....	1	1	2	2	1	1	1	2	2	1	1	4
13 per cent.....		3	3	3				3	3	3	3	6
14 per cent.....		4	1	4		2		2	2	1	1	1
15 per cent.....		2	3	3		1		2	3	3	5	4
16 per cent.....		2	1	1		1		3		3	1	1
17 per cent.....		1	1	1		1		1		2	2	1
18 per cent.....		1	2	2		2		1		3	1	3
19 per cent.....		3	3	1		2		2		5	5	5
20 per cent.....				1	2		1		1	2		1
21 per cent.....			4				1		1		5	
22 per cent.....	1	1					1	1	1	1	1	2
23 per cent.....			2		1					1		1
24 per cent.....					3				3	2		1
25 per cent.....				1				1				
27 per cent.....					1		1		1	1		
28 per cent.....	1							1				
29 per cent.....		1	1					1		1	2	1
30 per cent.....				1	1		1	2	1	1		2
31 per cent.....				1		1	1	1		1		2
32 per cent.....					1				1			
33 per cent.....					2			2				1
34 per cent.....											1	
37 per cent.....					1		2	2	1		2	2
38 per cent.....						1				1		
41 per cent.....						1						
42 per cent.....									1			
43 per cent.....					1						1	
45 per cent.....							1				1	
44 per cent.....							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 character-



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

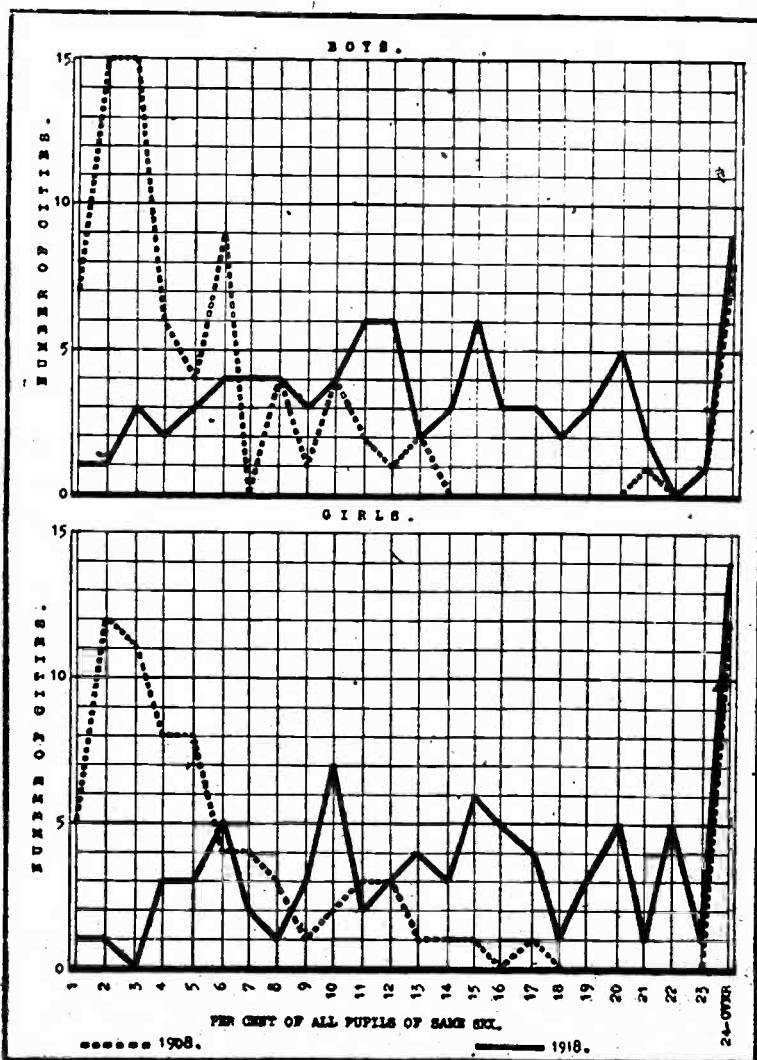


FIG. 10.—Distribution of 80 cities according to the per cent of pupils who have reached their grade one or more years earlier than the normal age in 1908 and 1918.

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.

Per cent 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		7	1	5	1
1 per cent.....	5		7		10	1	5	1	15	1	12	1
2 per cent.....	9	3	3		6		8		15	3	11	
3 per cent.....	3	1	6	3	3	1	2		6	2	8	3
4 per cent.....	2	2	5	2	2	1	3	1	4	3	8	3
5 per cent.....	8		3	2	1	3	1	3	9	4	4	5
6 per cent.....		4	3	1			1		4	4	4	2
7 per cent.....	2		2	1	2				4	4	3	1
8 per cent.....	1	2		1		3	1		2	1	3	3
9 per cent.....	3	1	1	3	1	3	1	4	4	4	2	7
10 per cent.....		3	2	1	2	3	1	2	6	6	3	2
11 per cent.....	1	4	2	1		2	1	2	1	6	3	3
12 per cent.....	1	1		2	1	1	1	2	2	2	1	4
13 per cent.....		3	3	3			1			3	1	3
14 per cent.....		4	1	4		2		2		6	1	6
15 per cent.....		2		3		1		2		3		5
16 per cent.....		2		1		1		3		3	1	4
17 per cent.....		1		1		1			2	2		1
18 per cent.....		1		2		2		1		3		4
19 per cent.....		3		3		2		2		5		5
20 per cent.....					1	2		1		2		1
21 per cent.....				4				1		1		5
22 per cent.....	1							1		1		1
23 per cent.....		1		2		1		1		1		2
24 per cent.....			2			3		1		1		2
25 per cent.....					1					3	2	1
27 per cent.....								1		1		
28 per cent.....	1					1		1		1		
29 per cent.....		1	1				1	1		1	2	1
30 per cent.....					1	1		2	1	1	1	2
31 per cent.....				1		1	1	1		1	1	2
32 per cent.....					1					1		
33 per cent.....					2	1		1	2			1
34 per cent.....							1				1	
37 per cent.....					1		2	2	1		2	2
38 per cent.....						1				1		
41 per cent.....									1			
42 per cent.....					1				1			
48 per cent.....											1	
46 per cent.....											1	
54 per cent.....							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:

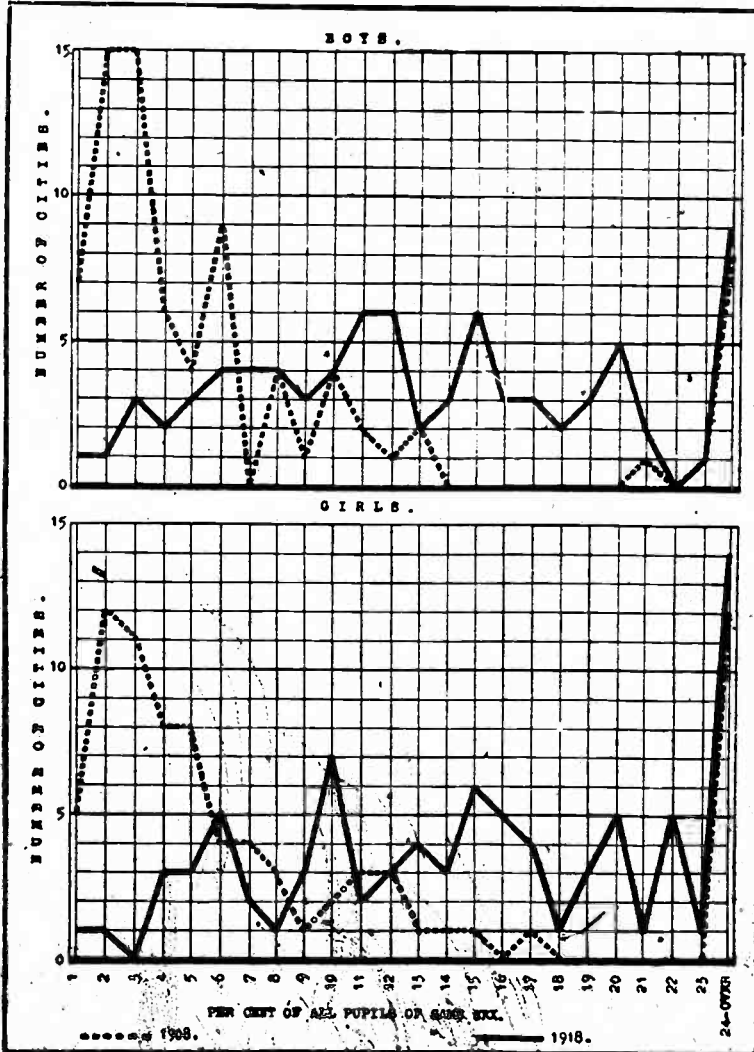


FIG. 10.—Distribution of 80 cities according to the percent of pupils who have reached their grade one or more years earlier than the normal age in 1908 and 1918.

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.

Per cent 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
26-27.9					1					1		
32-33.9												1
38-39.9	2									1		
40-41.9	1									2		
42-43.9					1					1		
44-45.9			2							3		
46-47.9	2		1		3					2		
48-49.9	2	1	1					2		3		1
50-51.9	5		2	1	11	1		1		16	1	3
52-53.9	5		1			5		2		10	1	4
54-55.9	6	1	3		4	1	4	1		10	2	7
56-57.9	2	2	7	1	3	6	2	4		5	8	9
58-59.9	5	4	1	1	2	1	5	2		5	6	3
60-61.9	5	6	7	3	2	4	4	6		10	11	9
62-63.9	4	7	2	7	2	4	2	2		6	11	4
64-65.9	1	5	6	8	1	4	2	3		9	8	11
66-67.9	1	5	3	2	1	4	3	2		9	6	4
68-69.9		3	2	7		4	2	2		7	7	9
70-71.9		4	2	6		3	3	6		7	5	12
72-73.9	1	2		2	1	2		2		2	4	4
74-75.9				2		1		3		1		5
76-77.9		1	1			2		1		3	1	1
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.

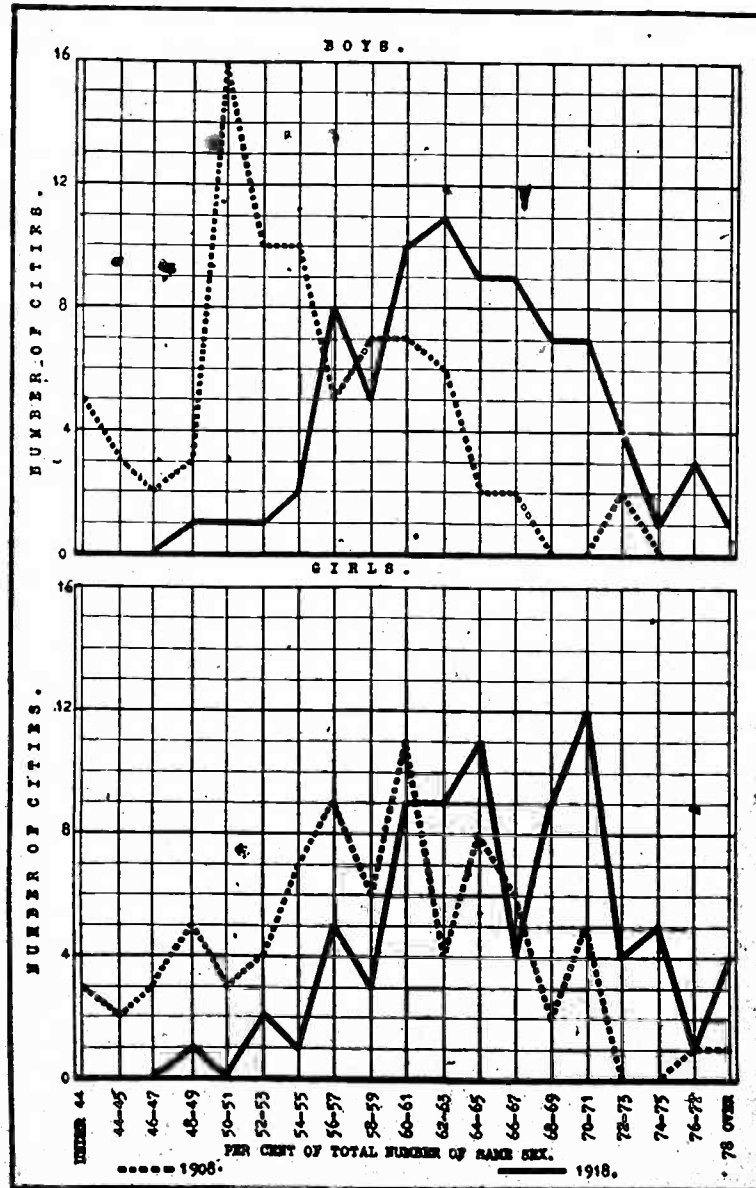


FIG. 11.—Distribution of 80 cities according to the percentage of boys and girls of normal age enrolled in school in 1908 and 1918.

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.

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	14	5	23	9	49	24	57
1 per cent.....						1		4	8	2	29	6	26	20	22	29	17	
2 per cent.....					4	5	4	11	5	13	27	24	23	7	17	6		
3 per cent.....	1		1		1	10		17	18	14	14	7	17	1	5			
4 per cent.....			1	1	1	12		1	14	18	2	14		6	1			
5 per cent.....	1	1	1	1	1	14	5	9	10	2	8		2					
6 per cent.....		2	2	8	3	13	9	9	12	1	3		1					
7 per cent.....	1	2		2	4	6	12	6	7		1		1					
8 per cent.....	2	5	1	6	6	13	9	3	3		1							
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	8	3													
16 per cent.....		6	7	2	2	1	2											
17 per cent.....	8	8	5	4	1		1											
18 per cent.....	7	1	10	1	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																	
26 per cent.....			2															
27 per cent.....	1																	
30 per cent.....	1		2															
31 per cent.....	1		1															
32 per cent.....	1																	

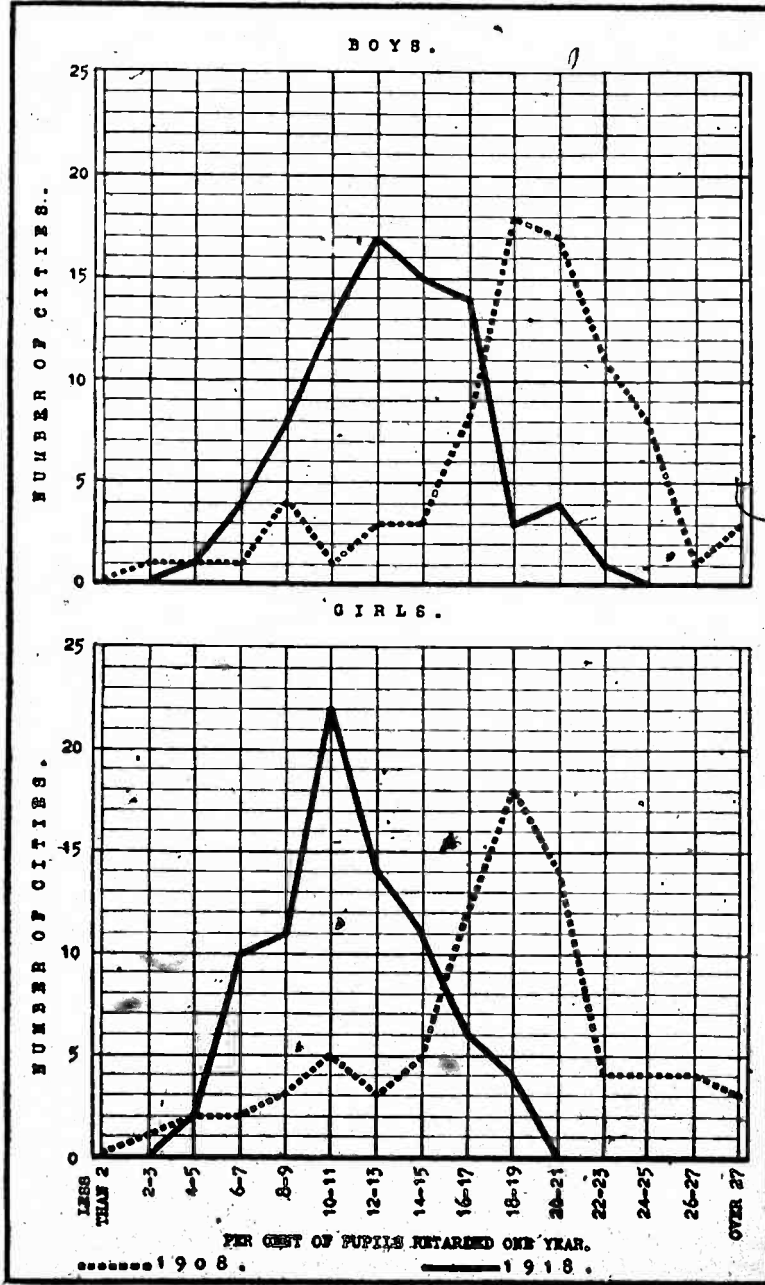


FIG. 12.—Distribution of 80 cities according to the percentage of pupils retarded one year in 1908 and 1918.

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	10	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.						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		14					
8 per cent.				4	5	8	3	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											
13 per cent.		3		2	3											
14 per cent.	1	6	2	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											
19 per cent.		3	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.																
26 per cent.			1													
27 per cent.	1															
30 per cent.	1															
31 per cent.	1		1													



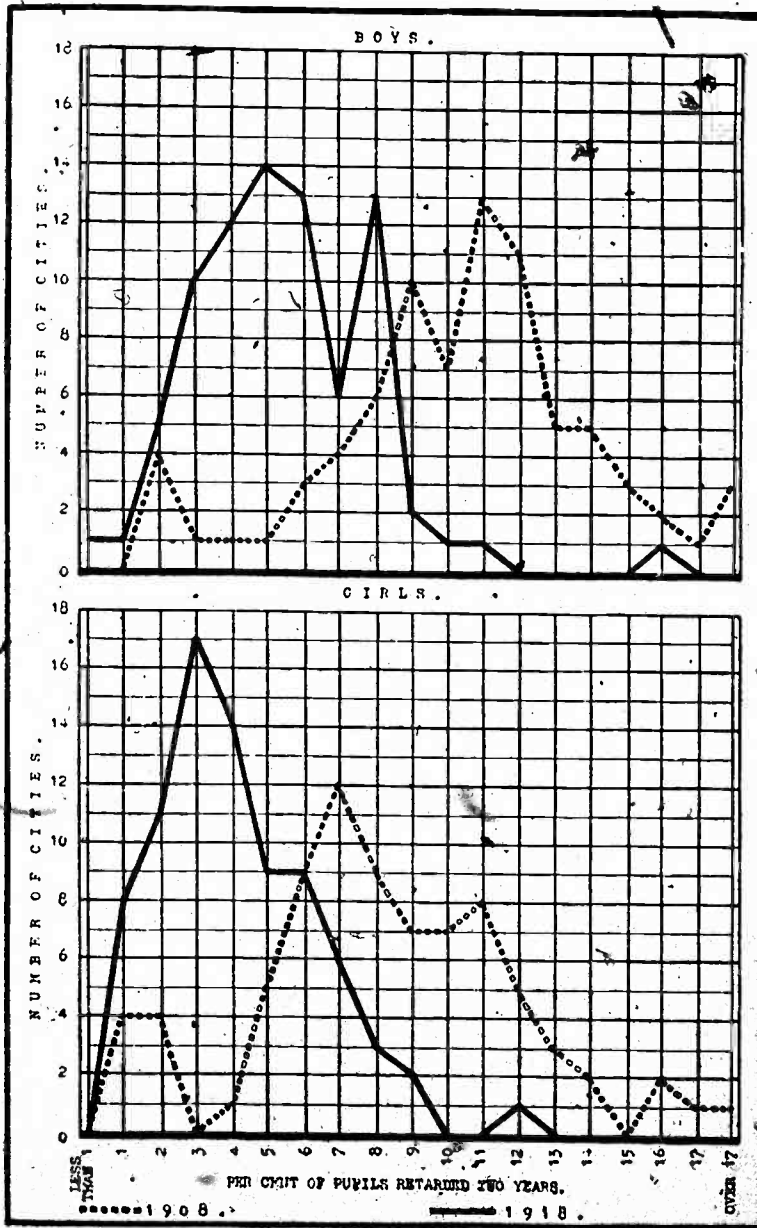


FIG. 13. — Distribution of 80 cities according to the percentage of pupils retained two years in 1908 and 1918.

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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
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Less than 1 per cent.....						1										
1 per cent.....							3	6	5	9	5	16	7	28	14	31
2 per cent.....					4	5	4	6	1	14	4	10	8	8	13	3
3 per cent.....	1				1	6		9	4	9	11	9	12	1	7	4
4 per cent.....			1	1		6		6	8	1	4				1	2
5 per cent.....	1	1	1	1		5	5	4	3	4	3		1			
6 per cent.....		1	2	6	2	7	3	2	5	1	1		1			
7 per cent.....	1	2			2	1	2	2	3				1			1
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	7	5		1									
11 per cent.....		5	2	4			3				1					
12 per cent.....	1	4	1	2	3		3	1	1				1			
13 per cent.....		3	1	6	2		2									
14 per cent.....	1	1		2	4		1									
15 per cent.....		3	2	1												
16 per cent.....		3	3				1									
17 per cent.....	3	2	3	1	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.....	1		3													
25 per cent.....	1		1													
26 per cent.....			1													
30 per cent.....			1													
32 per cent.....	1															

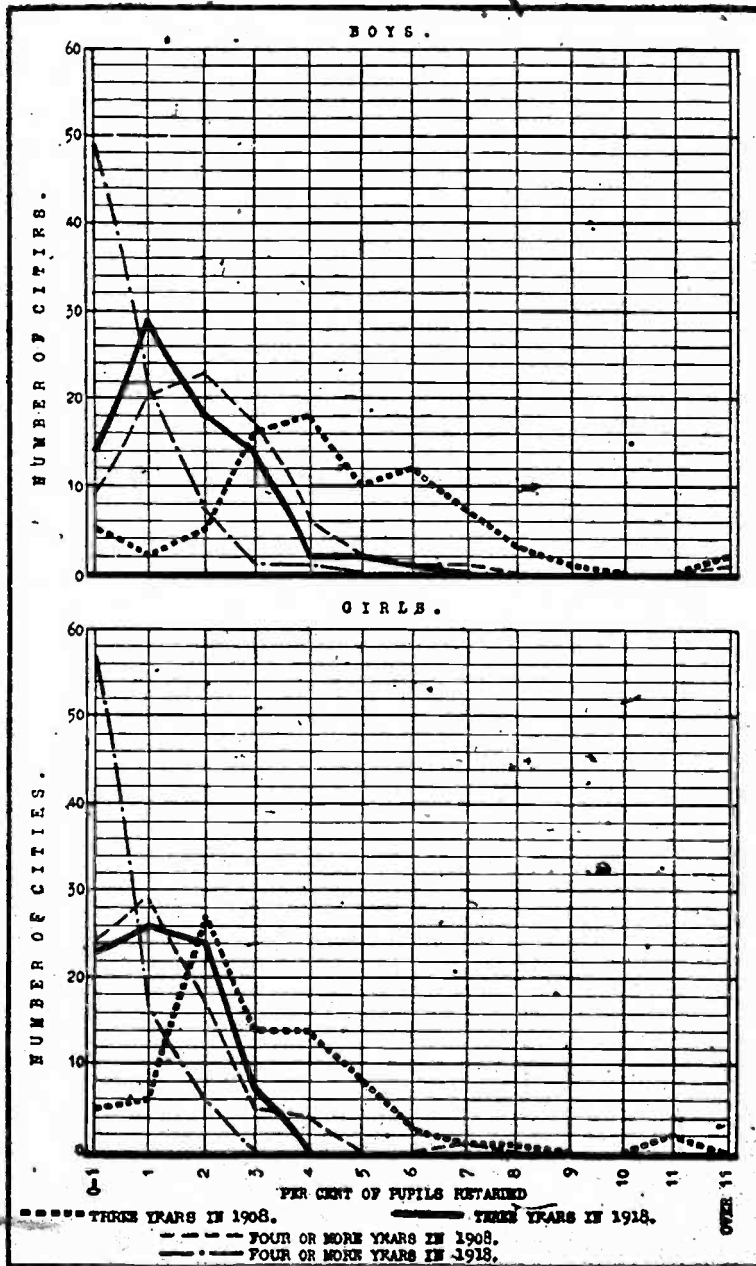


FIG. 14.—Distribution of 80 cities according to the percentage of pupils retarded three years and four years or more in 1908 and 1918.

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													
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													
Median.....	39.4	22.85	33.15	19.75	30.5	20.55	30.55	16.75	34.3	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.

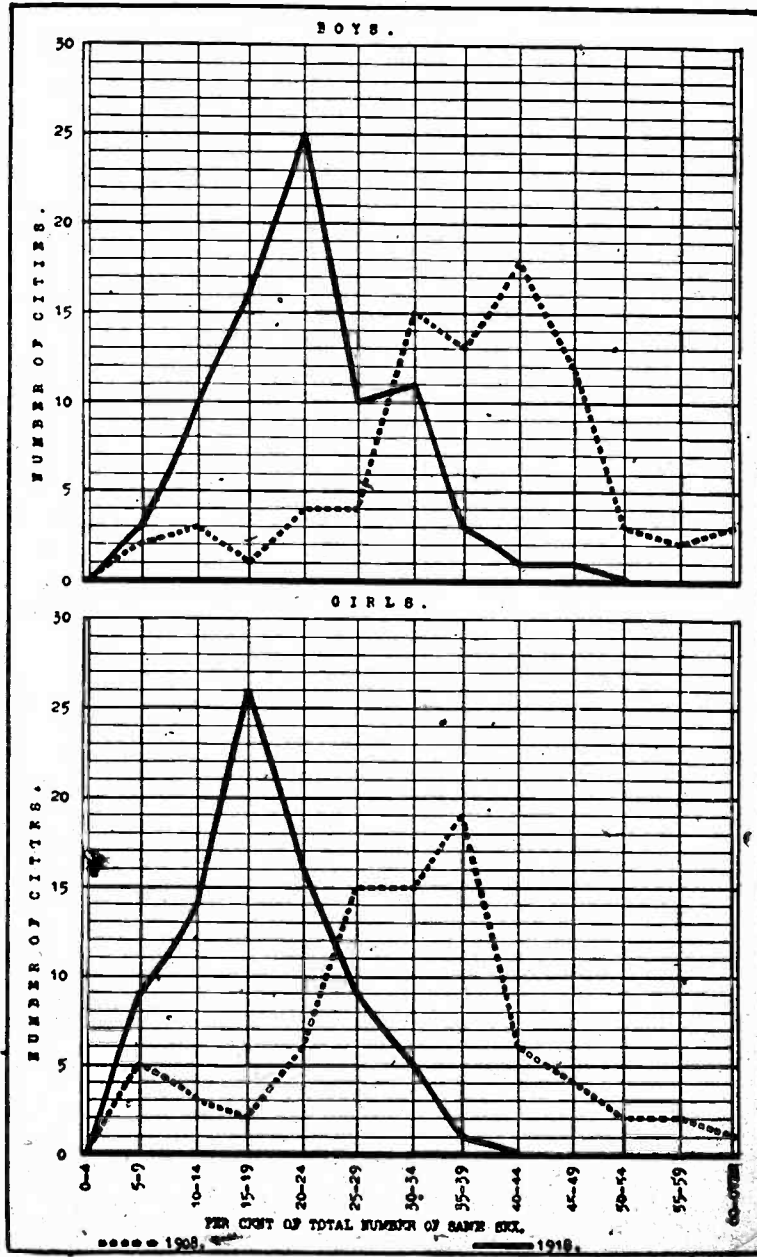


FIG. 15.—Distribution of 80 cities according to the percentage of pupils retarded one year or more in 1908 and 1918.

## 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.

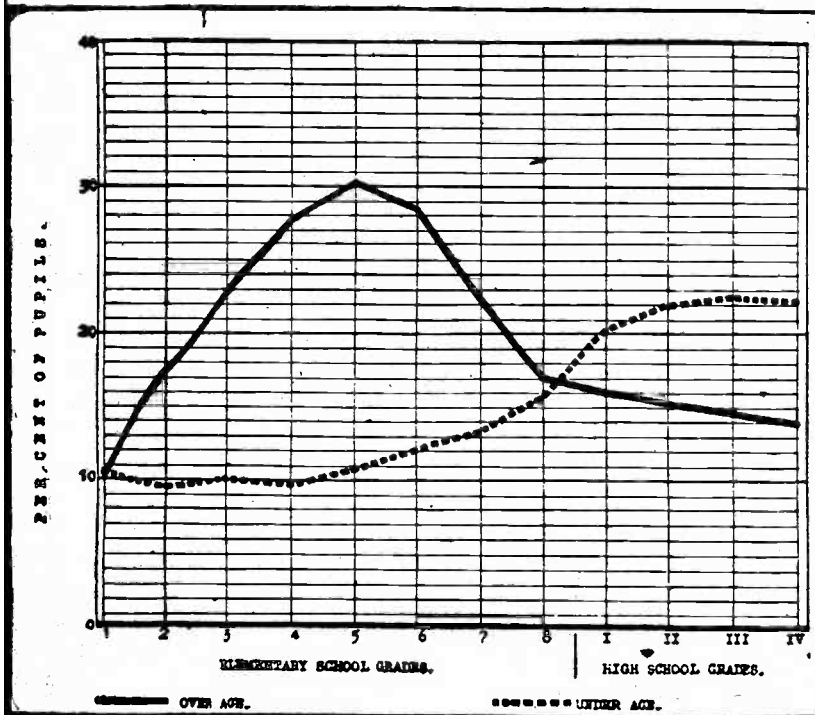


FIG. 16.—Average percentage of pupils over age and under age in 80 cities in 1917-18.

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. Underagedness 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	2
2-3.....	4	7	10	8	7	8	6	6	5	6	4	3
4-5.....	8	9	6	10	7	7	5	6	6	6	4	4
6-7.....	3	4	7	7	8	4	7	5	7	7	4	4
8-9.....	4	6	7	8	8	7	5	6	4	6	6	4
10-11.....	1	7	9	11	8	11	12	4	5	3	2	2
12-13.....	x	4	8	10	7	7	8	11	3	3	7	7
14-15.....	x	6	6	7	3	9	5	3	3	8	5	5
16-17.....	6	6	6	4	14	5	10	11	5	5	5	4
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.....	x	4	3	1	4	1	0	4	4	3	5	5
24-25.....	2	1	4	1	2	3	3	5	6	2	6	1
26-27.....	1	2	1	4	1	1	3	3	2	3	2	1
28-29.....	2	2	3	1	1	1	1	4	2	3	4	4
30-31.....	2	1	1	1	1	1	1	1	1	4	3	4
32-33.....	1	1	1						5	1	3	6
34-35.....	1				1	1			2	2	4	2
36-37.....	1	1		1				1	1	1	3	2
38-39.....	2				1	1					2	4
40-41.....	2	2								2		1
42-43.....	1						1					2
44-47.....	1							1	3	2		
48-49.....								1	1	1	3	
50-51.....									1	1		1
52-53.....									1	2		1
54-55.....											1	1
56-57.....										1	1	
58-59.....										1		1
60-65.....								1	1			1
66-67.....									1		1	
72-73.....										1	1	
74-75.....												1
80-81.....												1
Median.....	9.7	10.2	11.6	10.3	11.5	12.4	12.0	14.2	18.7	18.2	21.4	21.7

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
2-3.....	2	4	5	5	6	4	5	5	3		2	2
4-5.....	5	4	3	5	3	2	2	2	5	4	2	3
6-7.....	2	3	4	5	4	4	9	2	1	2	1	2
8-9.....	2	5	5	4	6	2	5	1			2	2
10-11.....		3	3	5	5	7	8	2	3	1	2	3
12-13.....		3	4	5	3	4	3	9	1	2	2	1
14-15.....	5	3	3	5	3	6	2	2	2	4	2	1
16-17.....	4	3	6	2	7	3	7	4	4	2	2	3
18-19.....	3	3	1	3	2	3	2	3	4	4	2	2
20-21.....	2	1				3	1	2	4	4	3	2
22-23.....		2	2	1	1			2	2	1	2	2
24-25.....	1					1	1			2	2	1
26-27.....	1	1	1					2	1	2	1	1
28-29.....								2	1	3	4	1
30-31.....	1						1		1	2	1	1
32-33.....									2	1	2	2
34-35.....						1			1	2	2	2
36-37.....	1	1							1		1	2
40-41.....										2		
42-43.....	1								1			
46-47.....												
50-51.....									1	1		
52-53.....												1
54-59.....												1
64-65.....									1			
69-67.....											1	
72-73.....										1	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	21.9	22.4

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	2
4-5.....	3	5	3	5	4	2	3	4	1	3	2	3
6-7.....	1	1	3	2	4	5	3	3	3	4	3	3
8-9.....	2	1	2	4	2	5	1	2	5	3	4	1
10-11.....	1	4	6	6	3	4	4	2	2	2		
12-13.....		1	4	5	4	3	5	2	2	1		
14-15.....	3	3	6	2		3	3	3	1	4	5	1
16-17.....	2	3		2	7	2	3	1	1	3	3	2
18-19.....	1		1		2	1	1	1	5	2		2
20-21.....	2	1	1	1	2	1	1	1	2	1		2
22-23.....		2	1		3	1	1	2	2	2	2	3
24-25.....	1	1	4	1	2	2	2	2	2		1	3
26-27.....		1	1	1		1		2	2	1	1	
28-29.....	2	2	3	1	1	1	1	2	1		2	3
30-31.....	1	1	1			1		1		2	2	3
32-33.....	1	1	1					3		1	1	1
34-35.....	1				1			1		2	2	1
36-37.....				1				1		1	2	4
38-39.....	2				1	1				1	2	
40-41.....	2	2										1
42-43.....							1		2	2		2
46-47.....	1							1		1		
48-49.....									1			
50-51.....									1	1		1
52-53.....											1	
54-55.....											1	
56-57.....												
58-59.....								1		1		
60-61.....												1
Median.....	12.3	11.1	12.3	11.7	14.0	12.7	13.3	14.7	17.4	18.9	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	1	2	4	7
2 3	10	1	1					1	1	2	3	2
4 5	6	5	2						4	5	5	9
6 7	15	5	1	1				3	8	3	7	6
8 9	12	5	1	1	1			2	4	8	3	11
10 11	10	9	4	2	2	1		1	2	9	9	10
12-13	10	8	10	4	3	5		1	5	9	7	8
14-15	4	8	8	5	2	4		2	10	2	5	6
16-17	7	8	7	4	5	4		7	10	3	7	6
18-19	10	8	7	3	3	1	10	6	2	9	7	5
20-21	3	5	6	5	6	6	6	2	5	6	5	4
22-23	1	2	3	5	5	5	5	3	2	2	4	1
24-25	2	2	3	10	3	7	5	2	3	6	2	2
26-27		2	4	6	6	7	7	3	2	2	3	1
28-29		2	4	5	8	6	5	4		1	1	1
30-31		2	4	3	7	7	4	1	3	1	3	1
32-33		1	6	1	3	9	4	4	2	4	1	2
34-35			1	9	7	7	7	3	2	1	1	1
36-37			3	4	4	4	3	1	1	1		1
38-39				2	2	4	3	2	2			
40-41			1		4							
42-43			1		2				1			
44-45				1	1	1	1					
46-47				2	1	1						
48-49				1	1						1	
50-51						1	1	1				
52-53					1						1	
54-55												
56-57						1				1		
58-59												1
60-61										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											1	3
2 3	3	1	1						3	1		1
4 5	4	3	1						3	3	3	5
6 7	9	1						4	3	4	3	2
8 9	4	1		1			2	2	3	1	5	5
10 11	5	5	1		1		1	4	4	5	7	2
12-13	7	5	5			1	1	5	8	4	2	2
14-15	3	2	3	2			2	8	2	4	5	3
16-17	4	5	3	3	3		1	5	2	4	4	2
18-19		7	4	3	3		4	3	3	5	4	3
20-21		4	3	2	4		3	4	3	4	1	3
22-23	2	4	3	2	4	5	3	5	3	4	3	1
24-25		1	1	2	2	3	3	3	1	1	1	1
26-27		1	1	4	1	3	4	3		3	2	2
28-29		2	3	2	4	3	3	4	3		1	1
30-31			2	3	5	5	3	3		1	1	1
32-33			4	1	2	4	4	1		1	3	2
34-35		1		7	4	4	1					1
36-37			2	1	2	2	2	1	1		1	
38-39			1	1	2	2	2	1	1			1
40-41		1	1	3	4							
42-43				1	2		1					
44-45			1		1		1					
46-47				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	13.9	13.6	13.9	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								1	1	1	2		1
4-5	2	2	1	1					4	2	2	2	4
6-7	6	4	1	1	1			4	2	3	1	3	3
8-9	8	4	1			1			2	5	2	6	3
10-11	5	4	3		1	4			5	4	2	5	3
12-13	3	3	5	4	3	3		1	2	3	6	3	3
14-15	1	6	5	3	2	3		1	1	1	2	3	3
16-17	3	3	4	1	2	3	2	2	5	4	4	3	3
18-19		3	4	4	3		6	2	4	3	2	2	2
20-21	1	1	3	3	2	1	3	7	2	2	2	1	1
22-23	1	1	2	3	3	2	2	2	2	2	2	3	3
24-25		1	1	6	2	4	1	2	1	3	1	1	1
26-27	1	1		4	3	4	5	5	1	1	2		
28-29			1	1	4	3	1	1	1	2			
30-31		2	2		2	2	2	3	1	2	2	1	1
32-33		2	2		1	1	4	3	2	1	1	1	1
34-35			1	2	3	5	2	1	1				
36-37		1	1	3	2	1	1	1					
38-39			1		2				1				
40-41													
42-43													
44-45													
46-47				1				1					
48-49													
50-51						1						1	
52-53							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	22.95	19.3	17.9	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,

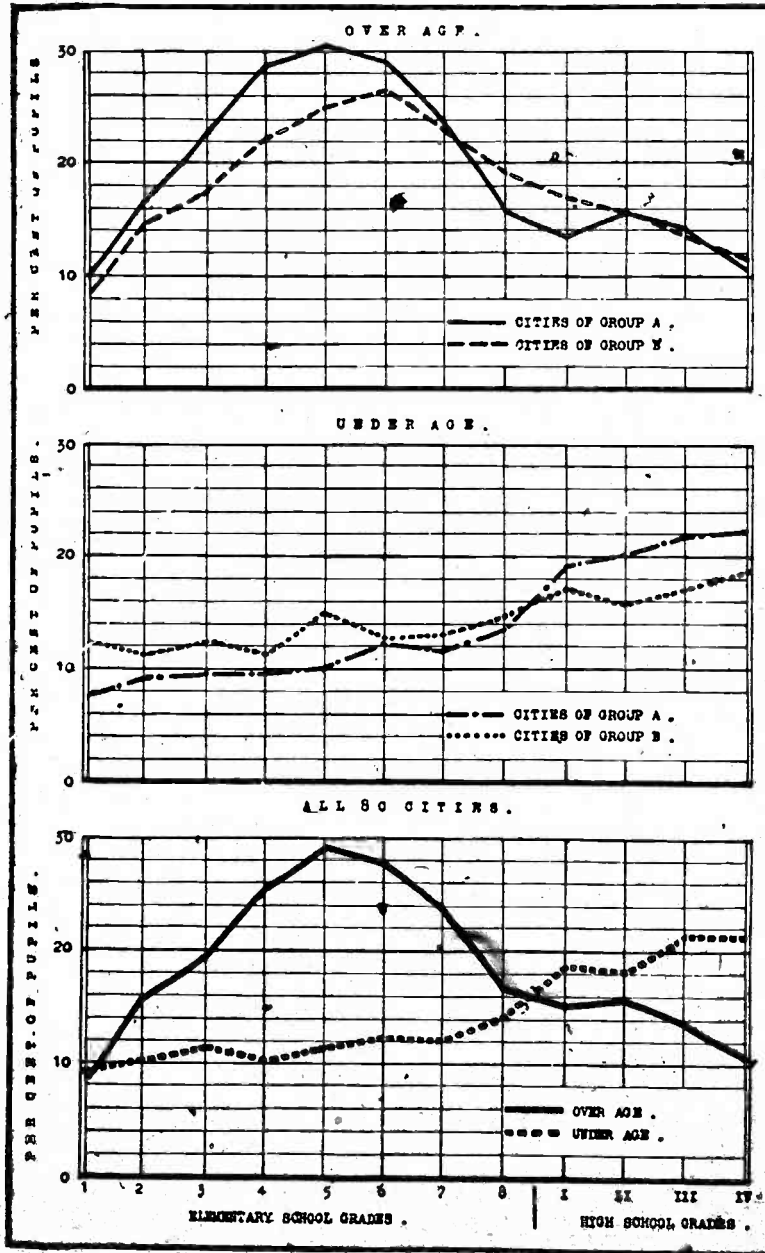


FIG. 17.—Median percentages of pupils over age and under age in each grade in 50 cities, 1917-19.

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 pupile 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

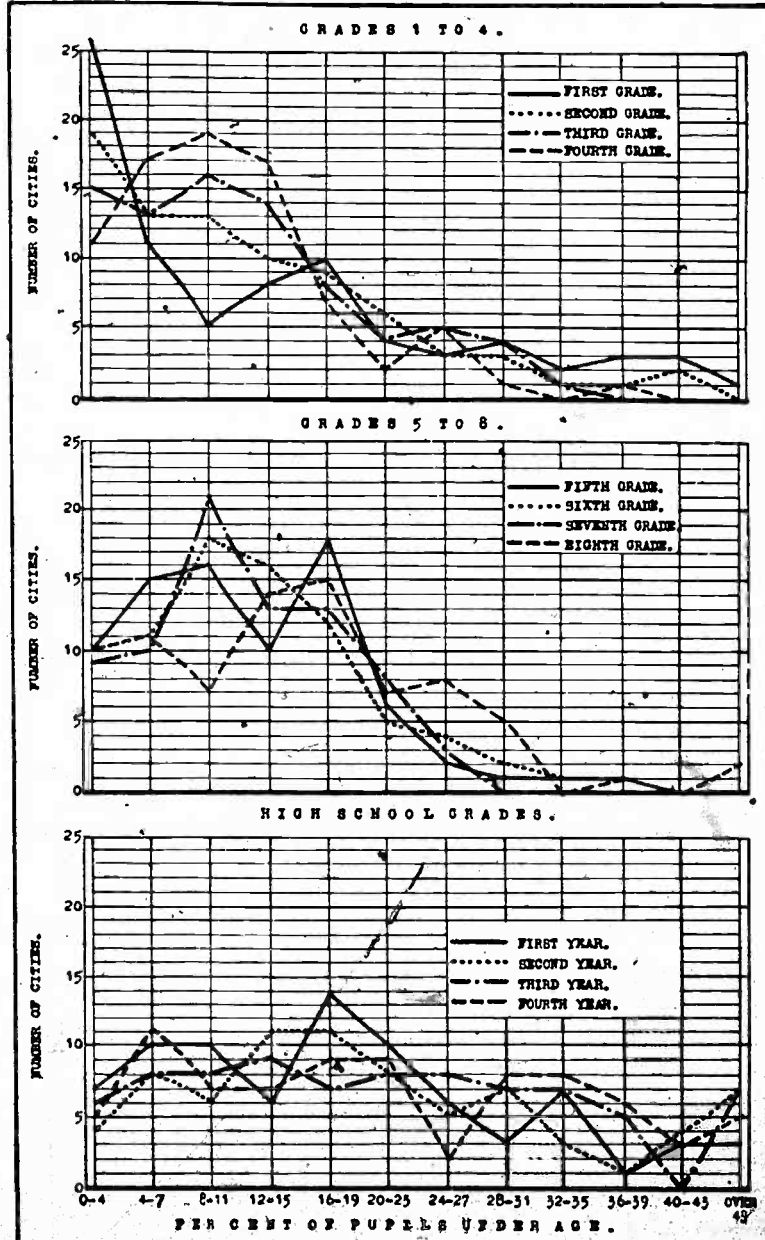


Fig. 18.—Distribution of 80 cities according to the percentage of pupils under age in each grade, 1917-18.

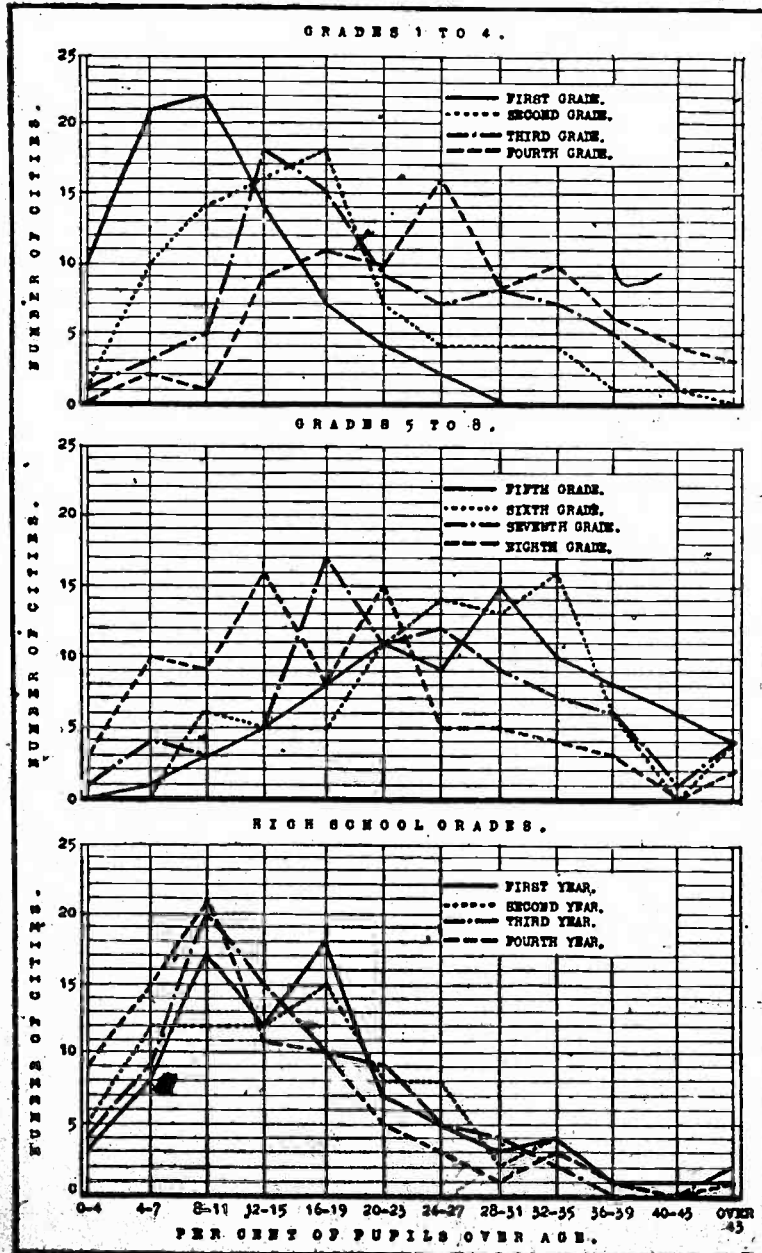


FIG. 19.—Distribution of 80 cities according to the percentage of pupils over age in each grade, 1917-18.

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					1		1	1				1	1
60-69													
70-79							2	1		1		2	1
80-89					1		2	1	2		2	1	3
90-99			1		1		1	2	3		2	2	4
100-109			4		2		1	3	7	4	1	7	9
110-119			2		8		3	7	2	7	3	9	4
120-129			5		6		7	9	2	5	4	8	7
130-139			7		6		7	2	2	5	14	8	10
140-149			7		13		7	3	4	4	3	10	17
150-159			6		3		5	5	5	1	11	8	10
160-169			4		1		3	1	1	1	6	4	4
170-179			5		3		2	3	1	1	8	3	6
180-189			1		3		2	2	4	2	6	5	4
190-199			1		1		2	1	1	1	5	1	1
200-209			1		1		1	1	2		2		3
210-219					1		1		1		1		1
220-229					1		1		1		1		
230-239			1								1		
240-249							1					1	1
250-259			1								1		
260-269					1							1	
270-279													
Median	152	141	143	132	151	127	135	123	132	138	140	125	

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.

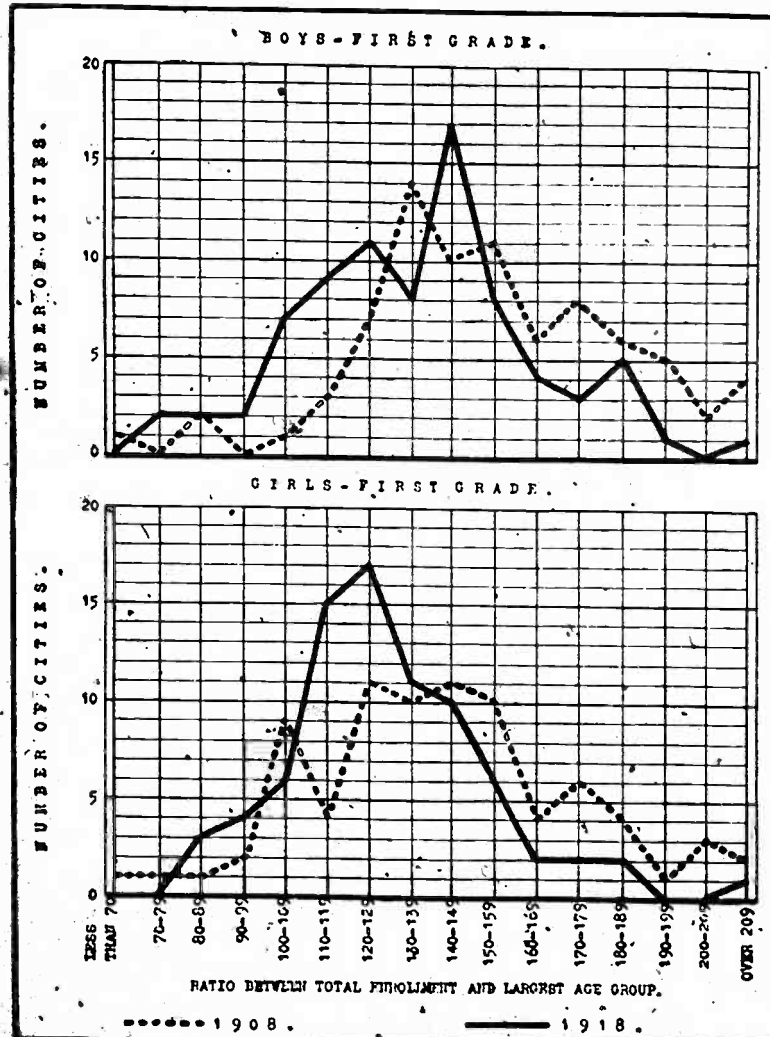


FIG. 20.—Distribution of 80 cities according to the ratio between the total enrollment and the largest age group in the first grade in 1908 and 1918.

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		2		1		2
85-89				2		3		1		4		3
90-94	1	3	4		3	5	3	3	4	8	7	6
95-99		6	4	4	1	2	4	4	1	8	8	8
100-104	2	3	1	9	4	3	4	5	6	6	5	14
105-109	2	6	4	6	5	9	6	10	7	15	10	16
110-114	4	6	6	8	3	4	3	5	7	10	9	13
115-119	5	8	9	3	4	3	6	9	9	11	15	13
120-124	10	5	9	6	4	1	2	1	14	6	11	7
125-129	8	3	2	1	2	2	2	2	10	5	4	1
130-134	2	1	1		1	1	2	2	3	2	3	
135-139	4		2		2		1		6		3	
140-144	2				2	1			4	1		
145-149	1	1			1				2	1		
150-154					1				1			
155-159					1				1			
160-164					3				3			
175-179								1			1	
Median	123	112	116	108	117	105	109	103	121	108	111	106

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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	
65-69								1					1
70-74													1
75-79													1
80-84	1			1									1
85-89			1	2			2	2	3	1	2	3	3
90-94		3	2	3			5	4	4	2	5	4	6
95-99	3	4	4	7	3		3	3	4	6	6	5	11
100-104	2	8	1	6	4		5	5	5	4	13	6	11
105-109	1	6	6	9	7		8	3	5	8	14	9	13
110-114	7	6	14	6	3		6	5	2	10	12	19	8
115-119	4	9	3	5	7		2	2	3	11	11	5	8
120-124	14	4	4	3	2			5	1	16	4	9	4
125-129	1	2	3	1	2			1		3	2	4	1
130-134	4		3		1				1	5	1	3	1
135-139	3		1		3			1		6		2	
140-144												1	
145-149	1							1				1	
160-164					1							1	
170-174					1							1	
Median	120	110	113	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						
60-64								1					
65-69	1			1					1			2	1
70-74									2				2
75-79	1	1					1	3	3	1	2	3	3
80-84	1				2		7	4	3	3	7	4	3
85-89	2		1	4			5		3	2	6	1	7
90-94		5	2	3	2		1	7	4	2	6	9	7
95-99		4	4	5	6		4	6	9	6	8	10	15
100-104	5	6	4	7	6		4	6	3	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							2	2	1	
135-139							1						
140-144	1				1					2			
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

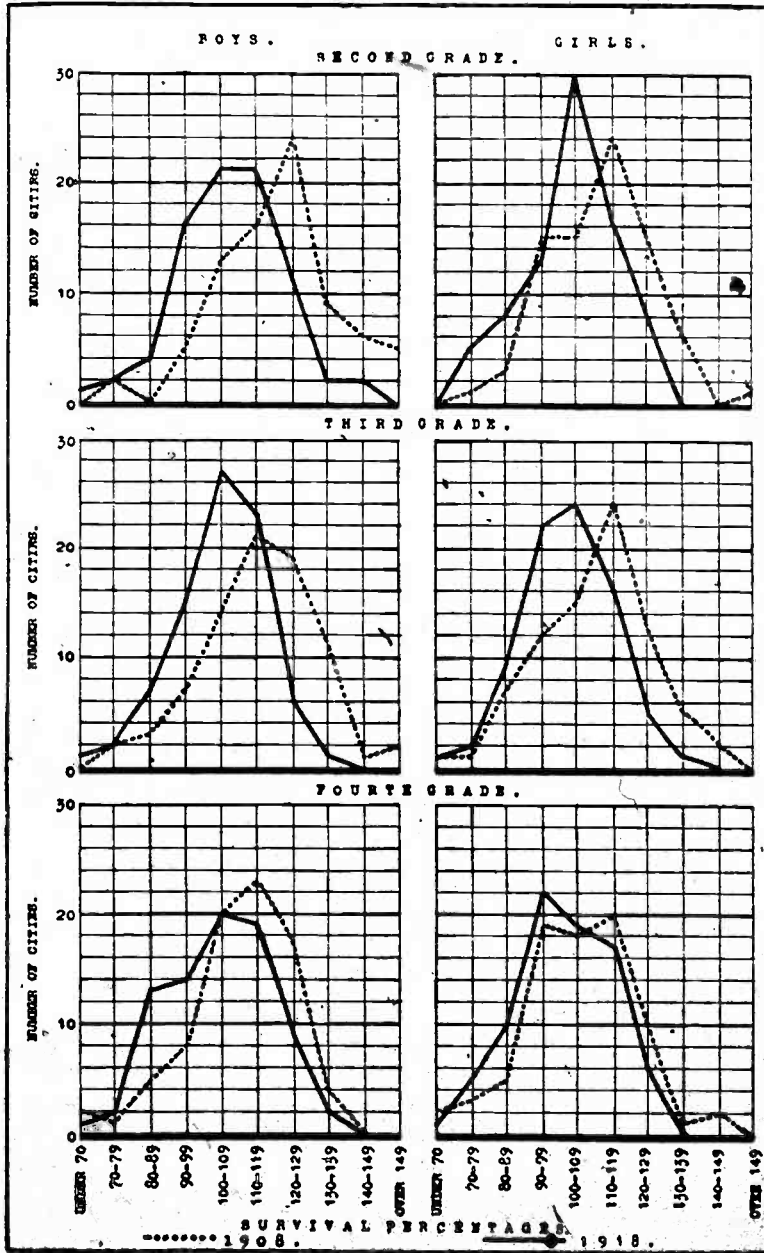


FIG. 21.—Distribution of 80 cities according to the percentage of children for each 100 beginners, surviving to the second, third, and fourth grades in 1908 and 1918.

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 (%).			
	Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
50-54							1					1
55-59						1						1
60-64						1						1
65-69							2	2	1		2	1
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	3	9	5	5	8
85-89	2	2	5	6	3	9	1	7	5	11	6	13
90-94	4	8	8	4	1	2	2	9	5	10	16	13
95-99	4	8	5	4	5	6	5	9	9	14	13	9
100-104	12	2	7	9	3	4	5	4	15	6	12	13
105-109	5	8	6	6	8	4	1	2	14	12	7	8
110-114	4	4	3	6	3	2	2	7	6	5	6	6
115-119	2	4	1	1	3	2	2	3	6	2	3	3
120-124	2	1	1	2				2	2	2	1	2
125-129	1	1							1	1		
130-134										1		1
140-144					1		1		1		1	
Median	102	101	97	100	98	94	94	91	102	98	95	96

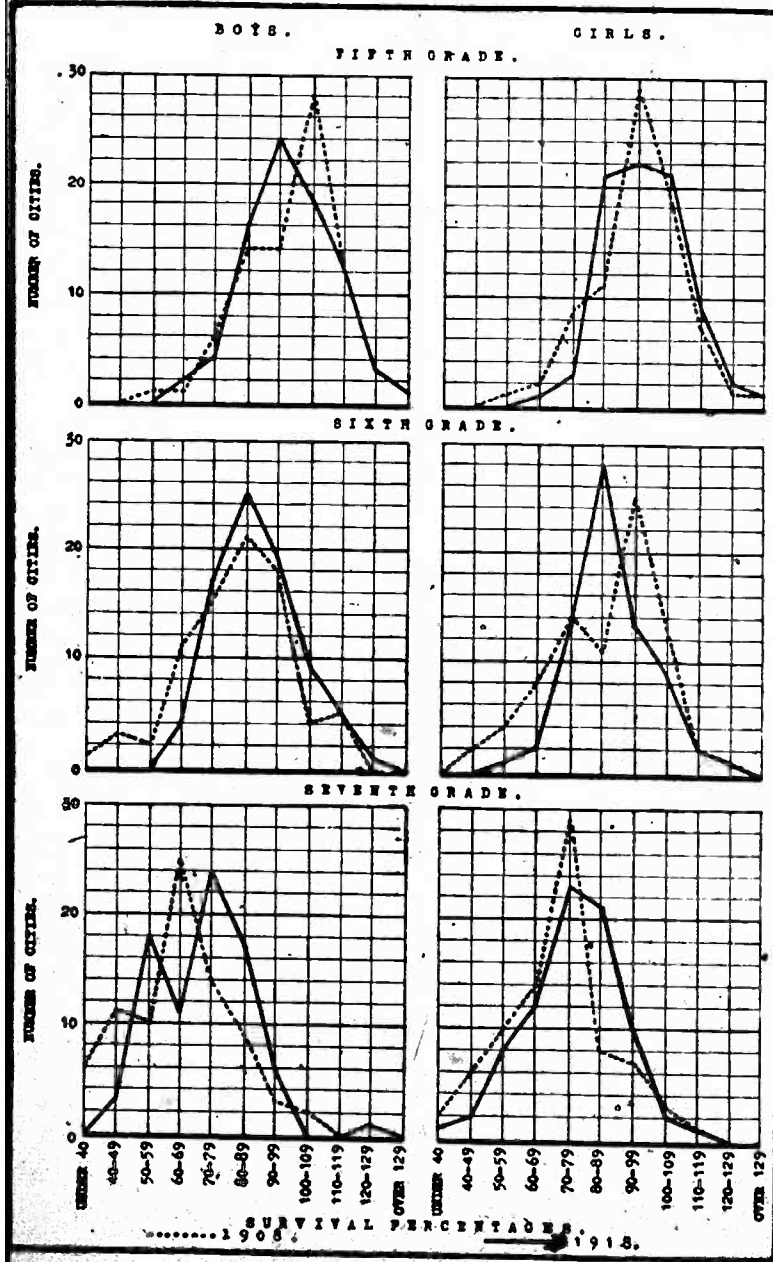
TABLE 25.—Frequency of the ratios between the number of boys and of girls found in the sixth grade and the number of boys and of girls in the largest age group in 80 cities in 1908 and 1918.

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 (%).			
	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			
45-49			1		2				2			
50-54	1											1
55-59			1		2		2	1	3		3	1
60-64	2		2		1	2	1	1	3	2	2	1
65-69	6		1		2	2	5	1	8	2	6	1
70-74	3	2	2	5	6	6	3	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	9	4	3	3	13	8	6	13
85-89	3	10	2	9	5	7	3	6	8	17	5	15
90-94	4	11	10	7	4	2	4	4	8	13	14	11
95-99	7	3	4	5	3	2	7	5	10	6	11	12
100-104	2	3	6	5	1	3	2	2	3	3	11	7
105-109	1	1	1	1					1	3	2	2
110-114		2			3	2	1	1	3	4		
115-119	1	1		3	1	1	1		2	1	1	
120-124			1					1		1	1	
125-129												
Median	84	80	80	89	83	85	86	87	83	87	80	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.

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
21-24					1				1			
25-29	2		1		3		1	1	5		2	1
30-34	1	1	1		1	1		2	2	1	2	
35-39	4	1	1	2	5	1	3	2	9	2	7	2
40-44	4	3	3	1	3	6	2	4	4	9	3	3
45-49	3	3	3	1	3	6		4	6	9	3	5
50-54	6	3	2	2	5	5	3	11	11	8	7	2
55-59	6	2	3	7	8	1	4	3	14	3	7	10
60-64	3	7	9	5	3	6	5	7	6	13	14	12
65-69	5	6	9	5	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	1	3	2	2	2	2	2	6	7	2	8
80-84	2	1	1	2	1	1	1	2	3	2	4	4
85-89		2	1	4		2	2		4	3	3	2
90-94		2	1	2		1	1		1	2	2	6
95-99			1	2							1	2
100-104												
105-109	2						1	2			1	1
110-114							1				1	1
115-119												
120-124		1								1		
Median	66	76	72	78	66	69	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.



22.—Distribution of 80 cities according to the percentage of children, for each 100 beginners, surviving to the fifth, sixth, and seventh grades in 1908 and 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 (%). <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			15-19					1					1			20-24													25-29	3				1				4				30-34	5	1	2	1	1	3	3	1	6	4		2	35-39	3	3	4	2	4	8	1	1	7	9		3	40-44	3	3	1	2	7	2	2	4	13	5	3	8	45-49	1	6	4	4	6	3	2	3	10	9	6	7	50-54	7	5	4	5	2	2	3	2	9	7	9	7	55-59	1	9	3	5	4	4	6	2	5	13	9	7	60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58
15-19					1					1			20-24													25-29	3				1				4				30-34	5	1	2	1	1	3	3	1	6	4		2	35-39	3	3	4	2	4	8	1	1	7	9		3	40-44	3	3	1	2	7	2	2	4	13	5	3	8	45-49	1	6	4	4	6	3	2	3	10	9	6	7	50-54	7	5	4	5	2	2	3	2	9	7	9	7	55-59	1	9	3	5	4	4	6	2	5	13	9	7	60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63													
20-24													25-29	3				1				4				30-34	5	1	2	1	1	3	3	1	6	4		2	35-39	3	3	4	2	4	8	1	1	7	9		3	40-44	3	3	1	2	7	2	2	4	13	5	3	8	45-49	1	6	4	4	6	3	2	3	10	9	6	7	50-54	7	5	4	5	2	2	3	2	9	7	9	7	55-59	1	9	3	5	4	4	6	2	5	13	9	7	60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																										
25-29	3				1				4				30-34	5	1	2	1	1	3	3	1	6	4		2	35-39	3	3	4	2	4	8	1	1	7	9		3	40-44	3	3	1	2	7	2	2	4	13	5	3	8	45-49	1	6	4	4	6	3	2	3	10	9	6	7	50-54	7	5	4	5	2	2	3	2	9	7	9	7	55-59	1	9	3	5	4	4	6	2	5	13	9	7	60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																							
30-34	5	1	2	1	1	3	3	1	6	4		2	35-39	3	3	4	2	4	8	1	1	7	9		3	40-44	3	3	1	2	7	2	2	4	13	5	3	8	45-49	1	6	4	4	6	3	2	3	10	9	6	7	50-54	7	5	4	5	2	2	3	2	9	7	9	7	55-59	1	9	3	5	4	4	6	2	5	13	9	7	60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																				
35-39	3	3	4	2	4	8	1	1	7	9		3	40-44	3	3	1	2	7	2	2	4	13	5	3	8	45-49	1	6	4	4	6	3	2	3	10	9	6	7	50-54	7	5	4	5	2	2	3	2	9	7	9	7	55-59	1	9	3	5	4	4	6	2	5	13	9	7	60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																	
40-44	3	3	1	2	7	2	2	4	13	5	3	8	45-49	1	6	4	4	6	3	2	3	10	9	6	7	50-54	7	5	4	5	2	2	3	2	9	7	9	7	55-59	1	9	3	5	4	4	6	2	5	13	9	7	60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																														
45-49	1	6	4	4	6	3	2	3	10	9	6	7	50-54	7	5	4	5	2	2	3	2	9	7	9	7	55-59	1	9	3	5	4	4	6	2	5	13	9	7	60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																											
50-54	7	5	4	5	2	2	3	2	9	7	9	7	55-59	1	9	3	5	4	4	6	2	5	13	9	7	60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																								
55-59	1	9	3	5	4	4	6	2	5	13	9	7	60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																					
60-64	1	6	5	3	4	5	3	4	5	11	8	9	65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																		
65-69	4	2	7	5	4	4	9	5	10	8	16	10	70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																															
70-74	1	2	4	5	1	4	1	4	2	6	5	9	75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																																												
75-79		4	1	6	2	1	2	4	2	5	3	10	80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																																																									
80-84	1				1	1	1	2	2	1	1	2	85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																																																																						
85-89		1	1	1				2		1	1	3	90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																																																																																			
90-94	1								1			1	95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																																																																																																
95-99								1				2	100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																																																																																																													
100-104				1		1	1	1		1	1	2	105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																																																																																																																										
105-109													110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																																																																																																																																							
110-114													Median	49	57	58	63	47	58	59	64	47	57	58	63																																																																																																																																																																																																																																																																				
Median	49	57	58	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 (%).																																																																																																																																																																																																																																																																																				
	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	1	8	4	4	2	25-29	4	1	2	3	4	2	1	1	8	3	3	4	30-34	3	4		3	4	2	5	2	7	6	9	5	35-39	5	7	1	1	1	4	1	1	11	8	8	2	40-44	6	5	4	3	7	1	1	1	13	6	5	4	45-49	7	5	8	7	5	3	6	4	12	8	14	7	50-54		2	3	4	5	3	8	3	5	5	11	7	55-59	3	1	3	1	4	6	4	2	4	6	7	3	60-64	1	7	7	2	1	8	2	3	2	15	3	5	65-69	1	2	4	5	5	5	2	9	1	7	6	14	70-74			2	3	2	2	1	4	2	2	2	7	75-79	1			3		2	1	4	1	2	1	6	80-84				1		1	2	1		3	2	2	85-89		2				1							90-94				2				2				4	95-99		1				1				2		2	100-104					1				1				105-109				1				1				2	110-114				1				1				2	Median	38	43	45	51	40	52	54	67	39	43	46
15-19	3	2	5	1	1			1	4	2	5	2	20-24	6	3	2	2	2	1	2	1	8	4	4	2	25-29	4	1	2	3	4	2	1	1	8	3	3	4	30-34	3	4		3	4	2	5	2	7	6	9	5	35-39	5	7	1	1	1	4	1	1	11	8	8	2	40-44	6	5	4	3	7	1	1	1	13	6	5	4	45-49	7	5	8	7	5	3	6	4	12	8	14	7	50-54		2	3	4	5	3	8	3	5	5	11	7	55-59	3	1	3	1	4	6	4	2	4	6	7	3	60-64	1	7	7	2	1	8	2	3	2	15	3	5	65-69	1	2	4	5	5	5	2	9	1	7	6	14	70-74			2	3	2	2	1	4	2	2	2	7	75-79	1			3		2	1	4	1	2	1	6	80-84				1		1	2	1		3	2	2	85-89		2				1							90-94				2				2				4	95-99		1				1				2		2	100-104					1				1				105-109				1				1				2	110-114				1				1				2	Median	38	43	45	51	40	52	54	67	39	43	46	63													
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45-49	7	5	8	7	5	3	6	4	12	8	14	7	50-54		2	3	4	5	3	8	3	5	5	11	7	55-59	3	1	3	1	4	6	4	2	4	6	7	3	60-64	1	7	7	2	1	8	2	3	2	15	3	5	65-69	1	2	4	5	5	5	2	9	1	7	6	14	70-74			2	3	2	2	1	4	2	2	2	7	75-79	1			3		2	1	4	1	2	1	6	80-84				1		1	2	1		3	2	2	85-89		2				1							90-94				2				2				4	95-99		1				1				2		2	100-104					1				1				105-109				1				1				2	110-114				1				1				2	Median	38	43	45	51	40	52	54	67	39	43	46	63																																																																																											
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70-74			2	3	2	2	1	4	2	2	2	7	75-79	1			3		2	1	4	1	2	1	6	80-84				1		1	2	1		3	2	2	85-89		2				1							90-94				2				2				4	95-99		1				1				2		2	100-104					1				1				105-109				1				1				2	110-114				1				1				2	Median	38	43	45	51	40	52	54	67	39	43	46	63																																																																																																																																																												
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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			10	1	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	3	4	5	13	5	5		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				6			3	1	10
55-59.....				4		1		3			1		7
60-64.....		1		1			3	3			1	3	4
65-69.....							3	3					3
70-74.....				1									1
80-84.....								1					1
Median.....	22	29	29	30	25	37	34	45		21	31	31	39

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.



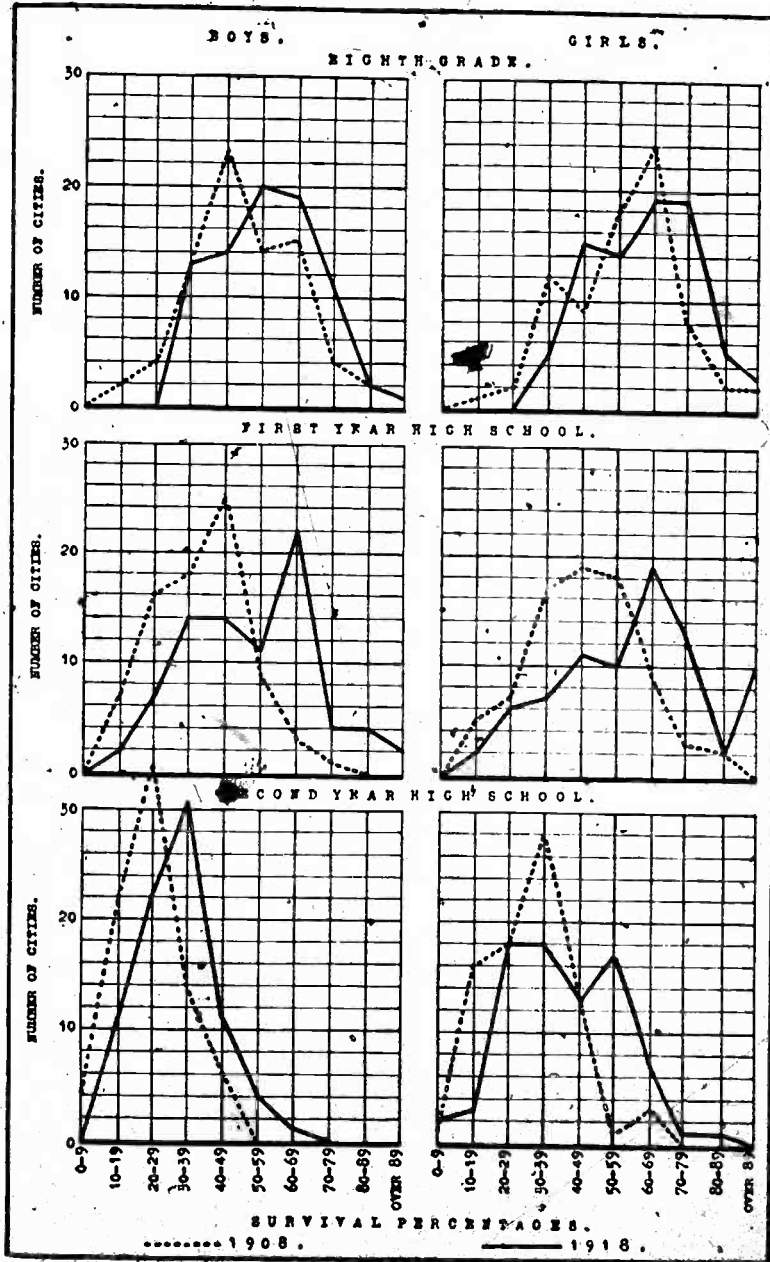


FIG. 23.—Distribution of 80 cities according to the percentages of children, for each 100 beginners, surviving to the eighth grade and to the first and second years of high school in 1908 and 1918.

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									1	
4-5.....	1				2		1		3			1	
6-7.....	3	1	2		3				6	1	2	2	
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	6	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	1	4	7	2	4	
22-23.....			2	7	4	4	3	1	1	4	5	8	
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	9	4	7	
28-29.....		2	2	2		5		1	1	7	2	3	
30-31.....	1	2	2		2	1	3	3	3	3	5	3	
32-33.....				1	2	1	2	1	2	1	2	2	
34-35.....			4		1	2	1	1	1	2	4	5	
36-37.....			1		2	2		2	2	2	1	4	
38-39.....		3		3		1	1	2		4	1	3	
40-41.....		1		2		1	4			1	1	0	
42-43.....				1			2				2	1	
44-45.....						2				2		1	
46-47.....	1						1	2	1		1	2	
52-53.....								2				2	
54-55.....			1	1				3				4	
60-61.....								1				1	
76-79.....							1					1	
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	7		1	6		1	3
6-7	4	3	2	2	7	2			15		5	3
8-9	4	5	7	2	4	3	3	1	9	2	6	10
10-11	5	2	1	4	3	3	5	2	8	3	5	6
12-13	5	5	4	3	4	3		2	9	4	4	4
14-15	9	10	4	4	2	3	2	3	11	13	6	6
16-17		4	4	3	1	9	2	2	1	13	4	4
18-19	1	3	6	3	3	3	5	1	4	6	11	7
20-21	1	3	3	1	1		4	3	2	3	7	4
22-23		1	4	5		3	2	2		1	6	4
24-25		1	1	1	1	3	4	3	3	5	4	4
26-27	1			3	2		1	1	3		1	1
28-29		1	1	1	3	1	2	1	3	2	3	2
30-31		2	1	3		2	1	2		4	2	2
32-33		1	1	3		1	2		2	2	3	3
34-35						1	1		1	1	1	1
36-37								4				
38-39							2					
40-41				2			1				1	
42-43								2				
44-45							1	1				
46-47							1	1			1	
48-49								2				
50-51				1				1				
52-53								1				
54-55								1				
56-57												
58-59				1								
Median	10	14	16	20	12	17	20	26	10	10	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.

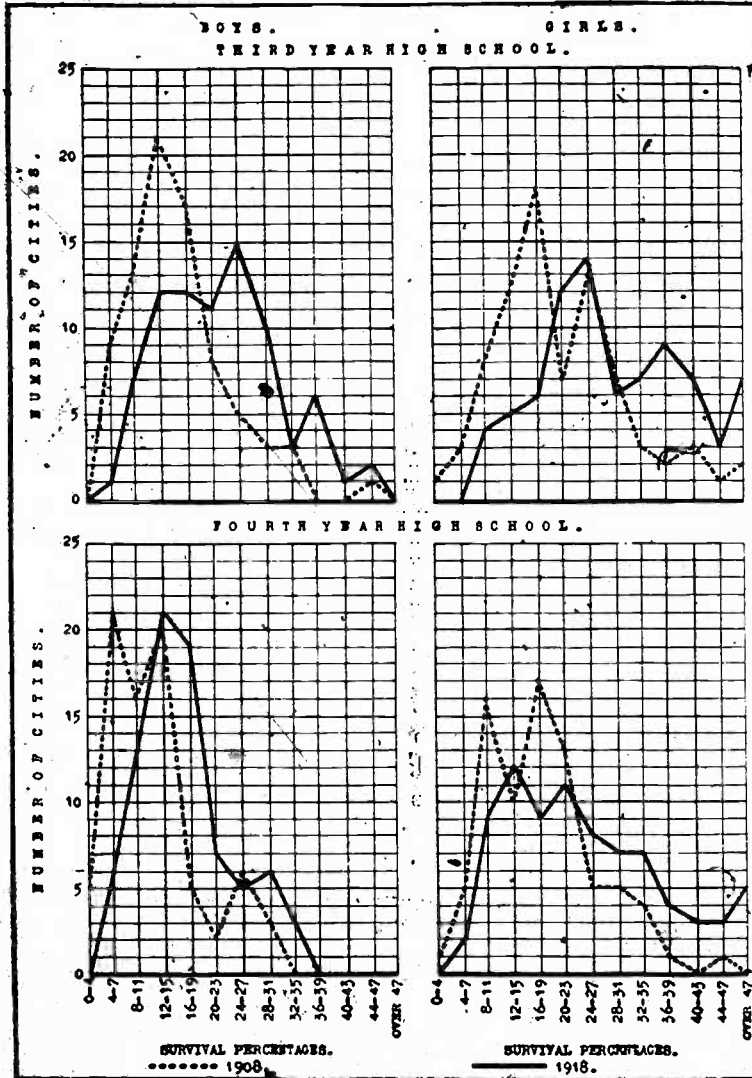


FIG. 24.—Distribution of 80 cities according to the number of pupils surviving, for each 100 beginners, to the third and fourth years of high school in 1908 and 1918.

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

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
1918.....	141	112	110	106	101	90	76	57	43	29	19	14
Girls 1908.....	143	116	113	110	97	80	72	55	45	28	18	16
1918.....	132	108	106	105	100	80	78	63	51	36	23	20
(2) Group B cities:												
Boys 1908.....	151	117	111	106	98	83	66	47	40	25	16	12
1918.....	127	105	104	100	94	85	69	54	42	27	17	12
Girls 1908.....	135	109	106	96	94	90	73	59	50	34	23	20
1918.....	123	103	97	96	91	87	77	64	67	45	32	26
(3) All 80 cities:												
Boys 1908.....	152	121	116	112	102	81	60	47	39	24	15	10
1918.....	138	108	106	101	98	87	73	57	43	34	23	16
Girls 1908.....	140	111	112	105	95	90	72	58	46	31	19	18
1918.....	125	105	102	101	96	88	77	63	63	39	27	23
Total 1908.....	146	116	114	109	99	87	69	53	43	28	17	14
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
1918.....	157	117	115	114	101	91	73	42	25	16	12	7
Girls 1908.....	151	124	125	115	102	87	69	50	33	21	11	11
1918.....	146	112	113	111	104	92	77	61	48	31	19	16
Total 1908.....	160	128	128	117	104	85	66	51	31	19	13	9
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	35	29	19	14
1918.....	153	115	112	110	107	94	76	62	65	37	27	19
Girls 1908.....	154	123	119	111	102	96	83	64	54	37	27	21
1918.....	141	110	110	111	107	95	84	69	55	47	37	30
Total 1908.....	164	130	124	116	105	95	79	61	50	33	23	17
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
1918.....	156	117	115	113	104	91	73	57	44	26	17	13
Girls 1908.....	164	124	125	111	102	88	70	57	35	23	15	12
1918.....	145	112	112	111	104	93	78	64	50	32	21	17
Total 1908.....	161	129	128	117	104	86	68	53	33	21	14	9
1918.....	151	115	114	112	101	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	26	22
(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
1918.....	159	119	117	116	106	93	74	58	43	26	16	12
Girls 1908.....	159	128	130	119	105	90	71	58	34	22	14	11
1918.....	149	115	115	114	108	94	79	65	49	32	20	16
Total 1908.....	165	132	132	120	106	88	68	54	32	20	13	9
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	45	30	19	14
1918.....	165	116	114	111	108	96	77	63	66	36	27	20
Girls 1908.....	168	127	122	113	104	99	85	66	56	38	26	21
1918.....	142	111	111	111	107	96	84	69	75	48	37	30
Total 1908.....	166	132	125	117	107	97	80	62	51	34	24	18
1918.....	148	114	113	111	108	96	81	64	71	43	32	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.												
(3) All 80 cities:												
Boys 1908.....	172	136	127	121	108	87	66	51	31	19	12	8
1918.....	159	119	117	115	106	93	74	58	45	26	17	13
Girls 1908.....	159	128	129	118	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	130	106	89	69	55	34	21	11	10
1918.....	153	116	116	114	106	94	77	62	48	30	19	15
Correction factors:	1.04	1.03	1.01	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	38	23	16	9
1918.....	159	123	122	124	114	108	87	70	54	32	21	16
Girls 1908.....	159	132	133	127	113	101	81	70	43	28	18	15
1918.....	149	118	120	122	114	109	93	79	61	41	26	21
Total 1908.....	165	136	137	128	114	102	80	65	40	25	17	12
1918.....	154	121	121	123	111	108	90	74	58	36	24	19
(2) Group B cities:												
Boys 1908.....	174	141	133	129	118	109	87	69	54	38	25	19
1918.....	155	119	119	119	117	111	91	76	63	48	36	27
Girls 1908.....	158	131	127	121	112	115	100	80	70	48	37	28
1918.....	142	114	115	119	116	111	99	83	94	60	40	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	62	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	103	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.

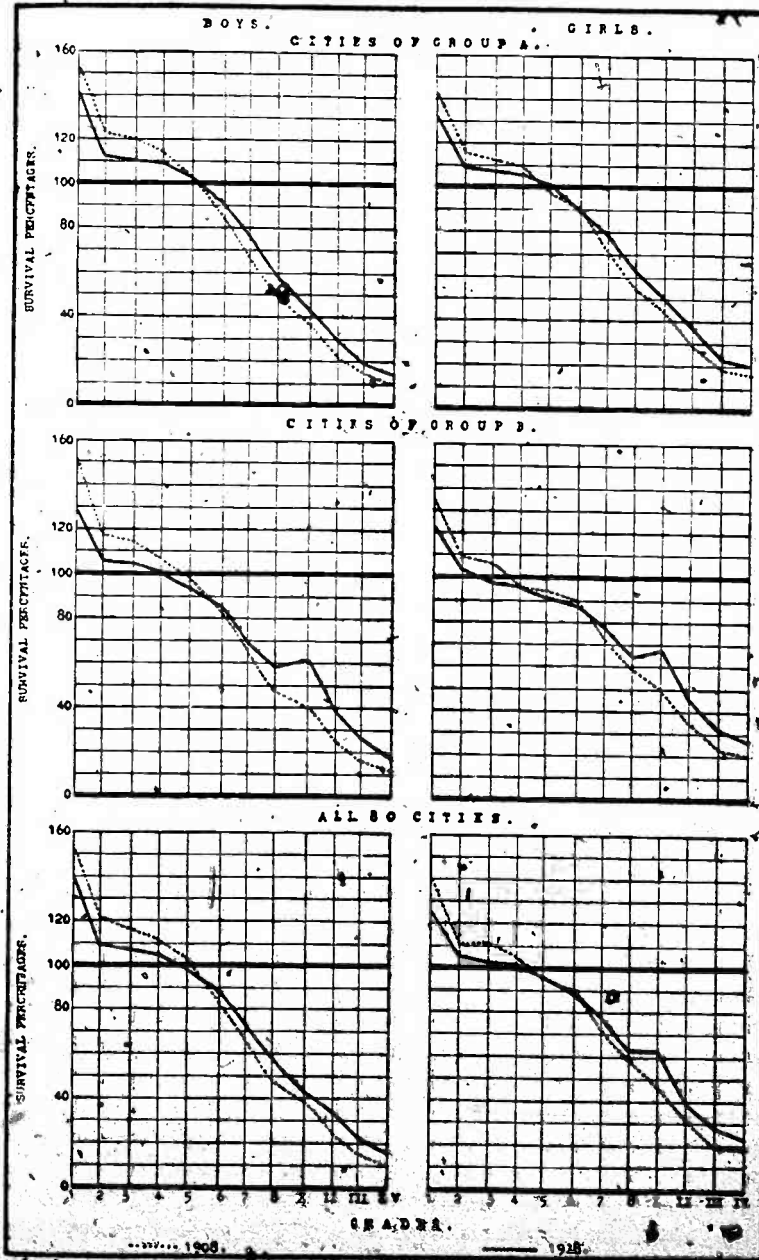


FIG. 23. Median survival percentages for 80 cities, 1917-18.

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 do 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.



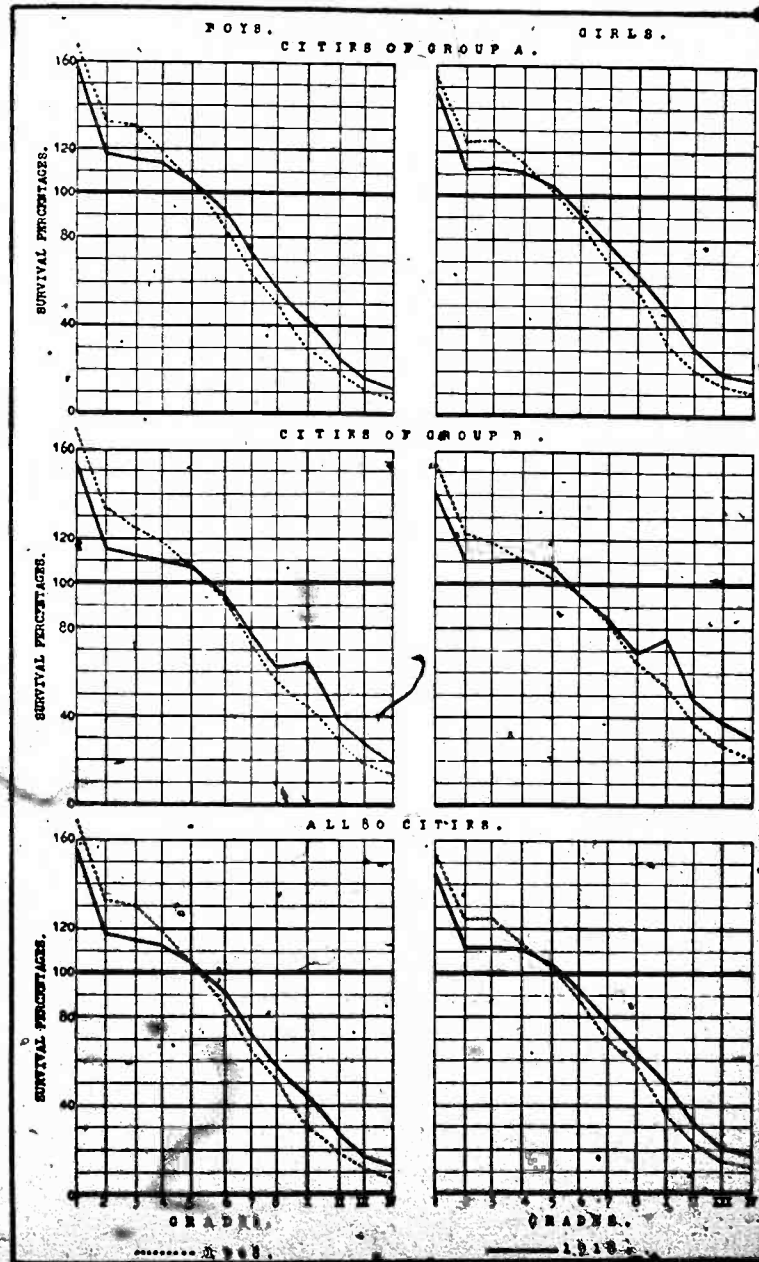


FIG. 20.—Uncorrected average survival percentages for 80 cities in 1906 and 1918.

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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

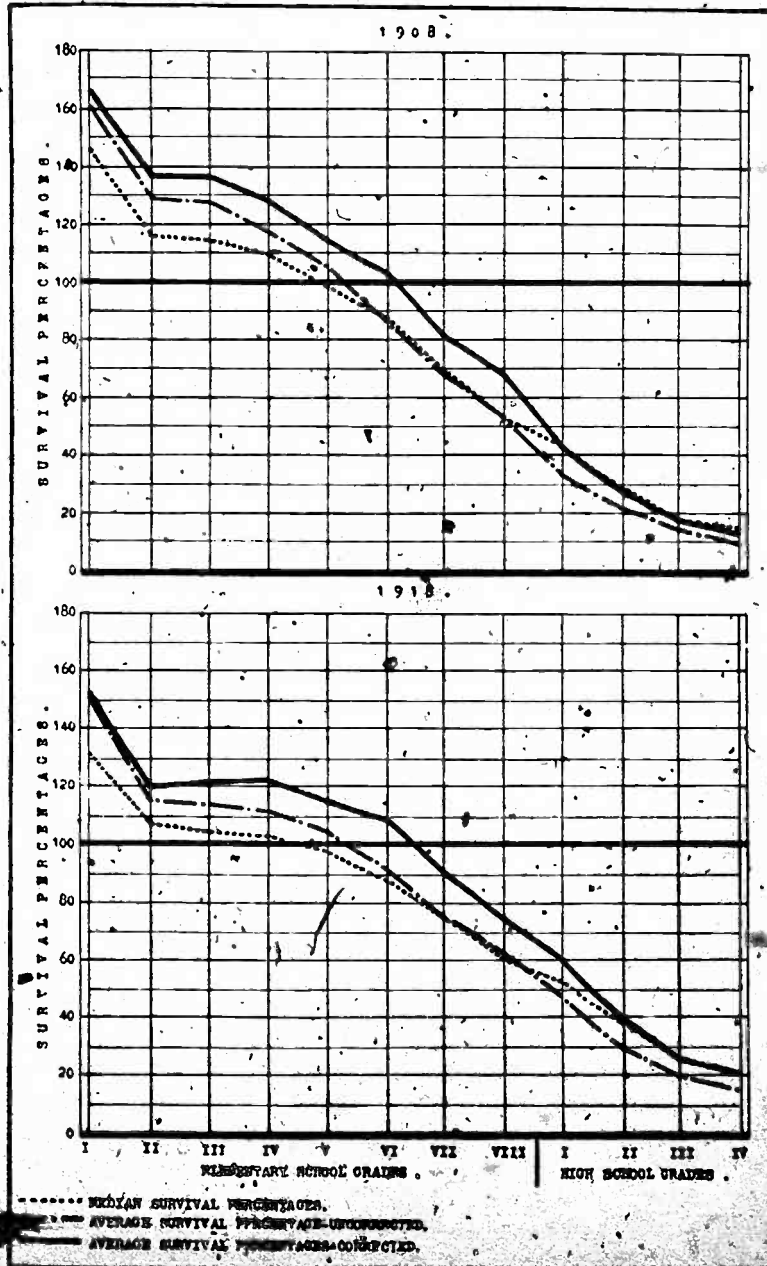


FIG. 27.—A comparison of median, uncorrected average, and corrected average percentages showing the number of pupils surviving to each grade for each 100 beginners, in 1908 and 1918.

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 1913. 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

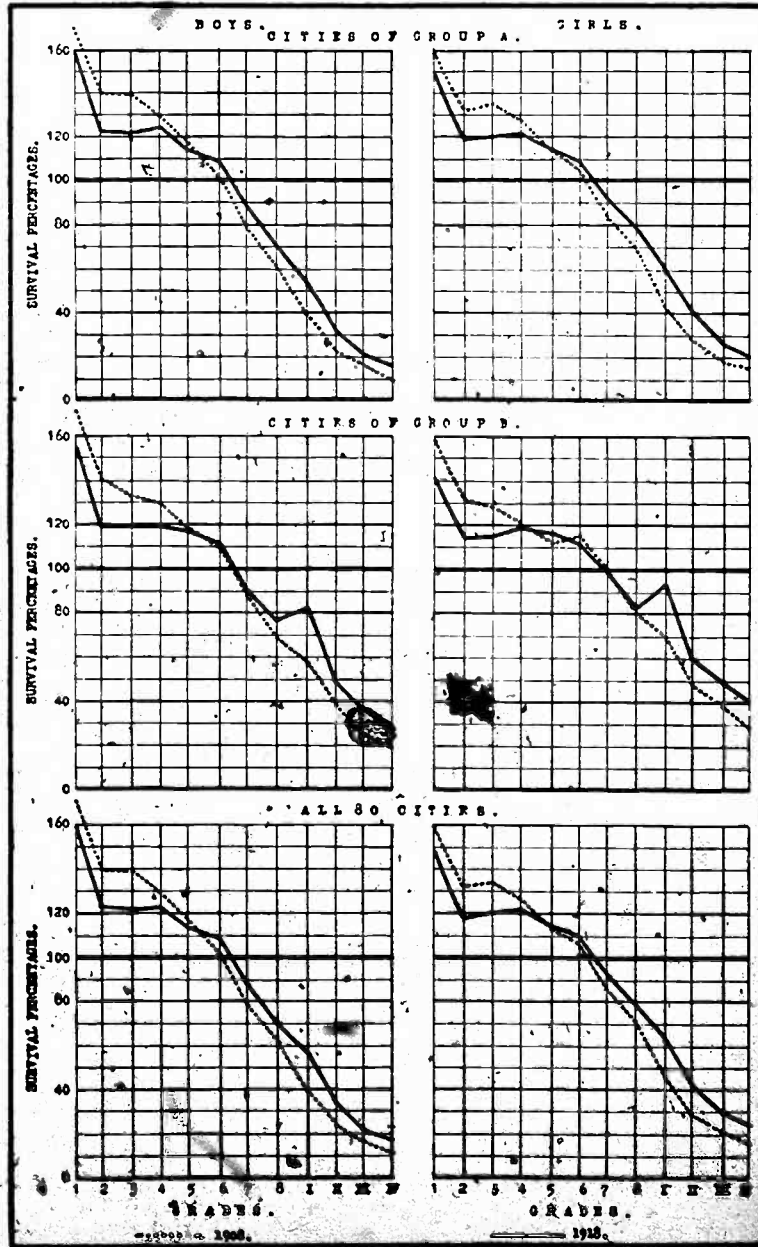


FIG. 25.—Corrected average survival percentages for 80 cities in 1908 and 1918.

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

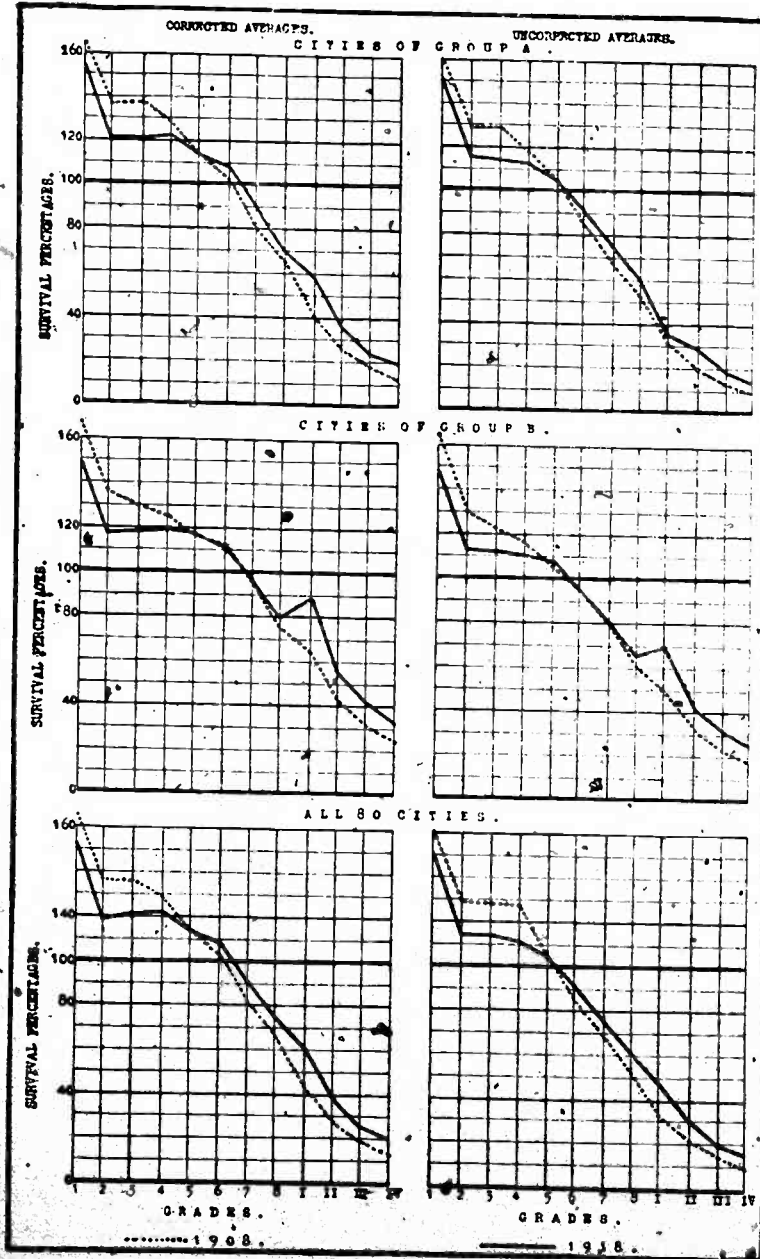


FIG. 29.—Corrected and uncorrected average survival percentages for 80 cities in 1908 and 1918.

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 1908 and 1918.

	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918
Total enrollment, group A	925,492	931,582	948,118	1,022,962	1,044,366	1,111,482	1,123,935	1,155,631	1,169,241	1,216,461	
Total enrollment, group B	1,028,628	1,028,724	1,045,298	1,071,577	1,071,577	1,121,426	1,168,282	1,211,031	1,231,898	1,311,868	
Total enrollment, group C	55,623	55,759	56,798	59,818	62,767	66,806	69,846	72,886	75,926	78,966	
Duplicate enrollment	964,953	970,706	988,322	1,037,784	1,068,916	1,160,042	1,222,521	1,268,319	1,272,863	1,324,843	
True total enrollment	1,51,381	1,54,123	1,57,011	1,69,033	1,69,258	1,70,190	1,73,936	1,77,881	1,82,037	1,91,415	
Enrollment in kindergartens	213,574	216,645	219,716	222,787	225,858	228,929	231,999	235,070	238,141	241,212	
Enrollment in elementary and secondary schools	1,300,307	1,324,478	1,358,302	1,466,246	1,468,508	1,471,261	1,491,937	1,542,811	1,530,700	1,672,653	
Per cent enrolled in each grade:											
First grade	17.5	17.4	17.2	17.1	17.0	16.7	16.5	16.3	16.3	16.2	
Second grade	14.0	13.8	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	
Third grade	13.9	13.7	13.6	13.4	13.2	13.0	12.9	12.7	12.6	12.4	
Fourth grade	12.6	12.5	12.4	12.3	12.3	12.3	12.2	12.2	12.1	12.1	
Fifth grade	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	
Sixth grade	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	
Seventh grade	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	
Eighth grade	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	
Ninth grade	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	
Tenth grade	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	
Eleventh grade	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	
Twelfth grade	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	
Estimated enrollment:											
First grade	159,876	160,496	161,116	161,736	162,356	162,976	163,596	164,216	164,836	165,456	
Second grade	127,900	128,487	129,074	129,661	130,248	130,835	131,422	132,009	132,596	133,183	
Third grade	131,987	132,574	133,161	133,748	134,335	134,922	135,509	136,096	136,683	137,270	
Fourth grade	115,110	115,697	116,284	116,871	117,458	118,045	118,632	119,219	119,806	120,393	
Fifth grade	102,320	102,907	103,494	104,081	104,668	105,255	105,842	106,429	107,016	107,603	
Sixth grade	85,576	86,163	86,750	87,337	87,924	88,511	89,098	89,685	90,272	90,859	
Seventh grade	53,501	54,088	54,675	55,262	55,849	56,436	57,023	57,610	58,197	58,784	
Eighth grade	32,880	33,467	34,054	34,641	35,228	35,815	36,402	36,989	37,576	38,163	
Ninth grade	23,099	23,686	24,273	24,860	25,447	26,034	26,621	27,208	27,795	28,382	
Tenth grade	14,832	15,419	16,006	16,593	17,180	17,767	18,354	18,941	19,528	20,115	
Eleventh grade	9,530	10,117	10,704	11,291	11,878	12,465	13,052	13,639	14,226	14,813	
Twelfth grade	5,186	5,773	6,360	6,947	7,534	8,121	8,708	9,295	9,882	10,469	
Number in first grade for each 100 beginners	163.0	163.8	164.6	165.4	166.2	167.0	167.8	168.6	169.4	170.2	
Ratio between total number (reported by age and grade) in the first grade in all 80 cities and the average number of secondary schools	157.726	157.726	157.726	157.726	157.726	157.726	157.726	157.726	157.726	157.726	
Ratio between total number (reported by age and grade) in the first grade in all 80 cities and the average number of elementary schools	157.726	157.726	157.726	157.726	157.726	157.726	157.726	157.726	157.726	157.726	

1. Estimated.  
 2. In all the 80 cities in 1910 the Bureau of the Census found 1,157,726 pupils attending school. Of these, 36,430 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 36,430 were enrolled in private schools and 29,907 pupils enrolled in the public schools. The true enrollment in the public schools in 1910 was probably 879,241 (i. e., 1,157,726 - 36,430 + 29,907). Therefore, probably 50,660 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.  
 5. Average number in first grade for each 100 beginners.  
 6. Average number in first grade for each 100 beginners.  
 7. Average number in first grade for each 100 beginners.  
 8. To 12 years of age, inclusive.  
 9. To 16 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, (including repeaters)	96,895	97,372	98,515	103,547	106,316	108,014	115,339	116,453	120,016	120,572	125,853
First grade	165	164	163	161	160	159	158	157	155	154	153
Second grade	135	131	130	124	129	126	130	121	118	118	130
Third grade	137	133	131	125	124	128	132	129	129	121	121
Fourth grade	128	124	123	116	116	117	120	116	117	120	122
Fifth grade	114	114	113	116	116	117	120	118	119	118	115
Sixth grade			98	100	102	102	108	108	107	105	109
Seventh grade				81	82	83	88	80	71	78	91
Eighth grade					68	68	71	71	74	74	75
First year high school					49	49	52	53	55	57	63
Second year high school							32	35	35	35	38
Third year high school								23	23	24	25
Fourth year high school								23	19	19	20

\* 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)	133	129	121	122	115	109	91	75	60	39	25	20		
Number of over-age pupils:														
Group A, 1918	16,910	22,018	22,168	34,908	35,244	29,148	18,142	11,080	7,428	4,553	2,685	2,065		
Group B, 1918	1,574	2,407	2,661	3,175	3,389	2,966	2,450	1,489	1,775	805	683	472		
Total number of over-age pupils	18,484	24,425	24,829	38,083	38,633	32,114	20,592	12,569	9,203	5,448	3,368	2,537		



Total number of pupils in 1918.....	184,470	177,945	112,318	22,256	74,411	57,653	33,443	23,103	18,470
Per cent of over-age pupils in each survival percent- age, 1918.....	10.2	17.4	28.5	22.3	17.0	16.0	13.3	14.6	13.9
Number of over-age pupils in each survival percent- age, 1918.....	18	31	31	20	13	10	6	4	3
Survival percentages for class entering in 1907.....	166	133	102	83	71	53	35	21	20
Per cent of over-age pupils in survival percentages, class of 1907.....	19.3	31.5	47.5	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	43	26	16	11	6	4	3
Number of under-age pupils: Class of group A, 1918.....	16,498	11,433	11,977	10,948	10,325	10,264	6,776	4,464	3,518
Class of group B, 1918.....	2,315	1,717	1,667	1,321	1,348	1,368	1,031	742	581
Total.....	19,013	13,150	13,644	12,269	11,673	11,631	7,807	5,206	4,109
Per cent of under-age pupils, 1918.....	10.3	9.4	10.0	13.3	16.7	20.2	23.0	23.5	22.2
Number of under-age pupils in each survival percent- age, 1918.....	16	11	12	12	12	12	8	6	4
Per cent of over-age pupils: Class of group A.....	10.1	17.4	28.1	21.9	16.7	15.0	14.8	13.9	13.5
Class of group B.....	10.8	17.3	26.6	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	9.4	13.2	13.5	20.8	23.1	23.1	22.6
Class of group B.....	14.4	12.9	12.3	14.0	17.4	16.5	21.1	19.7	20.2
Per cent of under-age pupils in survival percentages, class of 1907.....	12.2	13.5	14.4	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	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 39.1 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 assumed to be 39.1 (10.4 times 38.4 divided by 20.8); in 1909 the per cent of over-age pupils in the third grade is 39.6 (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 3.1 (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

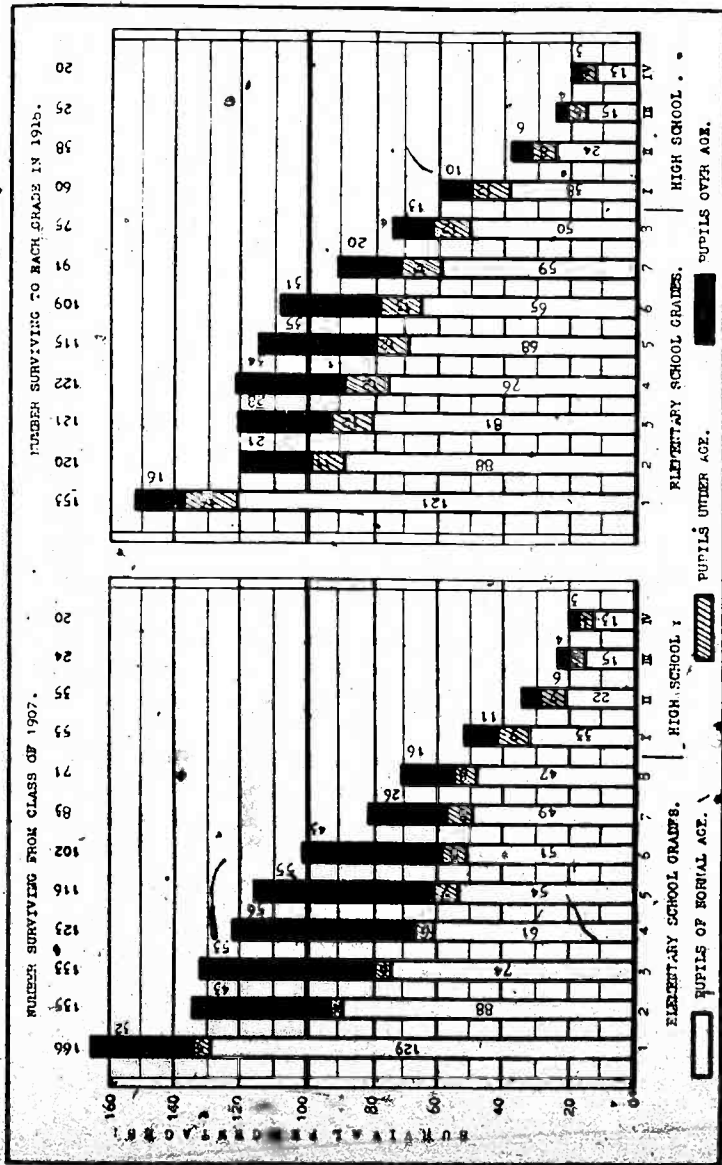


FIG. 30.—Number of pupils surviving out of each 100 beginners in 80 cities.

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	748,923	743,063	737,202	731,342	725,482	740,516	755,461	770,585	785,020	800,654	823,346	840,037	868,729
Percent of those 9 years of age.	106.2	101.9	101.6	100.8	100.0	99.2	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 reported).	19,225	111,655	122,209	119,769	120,673	117,963	112,138	109,439	106,033	82,115	53,345	31,516	19,603	9,169	2,985	1,202
Percent of total public-school enrollment in these 80 cities, excluding kindergartens and kinderschools.	20,004	119,299	127,158	124,020	125,500	124,637	116,680	113,871	110,348	85,441	56,505	32,792	20,305	9,540	3,106	1,251
Private-school responsibility.	34,823	33,775	33,028	32,767	32,507	32,247	31,987	31,727	32,410	33,060	33,710	34,360	35,043	36,018	37,026	38,001
Number never in any school.	4,747	4,644	4,521	4,506	4,470	4,434	4,398	4,362	4,456	4,546	4,635	4,725	4,818	4,933	5,001	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	190,008
Public-school responsibility.	138,091	135,101	132,110	131,070	130,030	128,990	127,949	126,909	129,639	132,240	134,841	137,442	140,172	144,073	148,104	152,005
Percent of all children enrolled in public schools.	11.59	70.64	77.00	76.06	77.25	76.07	72.95	71.76	68.10	51.69	32.83	19.09	11.76	5.30	1.68	.66
Percent of public-school responsibility in public school.	14.49	88.30	68.25	93.08	96.56	95.09	91.19	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 1,186,428 in Table 33), is 1.0485 times the corresponding enrollment reported by the cities. The total enrollment in these 80 cities is 1,186,428 (Table 33).  
<sup>2</sup> In 1918 the total enrollment in these 80 cities was 25.89 per cent of the total public-school enrollment (1,348,327) in these 80 cities, including duplicates and kindergartens in both cases. At the age of 9 a greater proportion (4.68 per cent) is enrolled 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 enrolling 20 per cent of the children (32,507 divided by 162.537).  
<sup>3</sup> The percent of illiterates 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 9 years 158,067 children are enrolled in public and private elementary and secondary schools (125,560 plus 32,507). This number is 97.25 per cent of the total number of children of this age (160,000 minus 75 illiterates). 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 number 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 (130,600 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

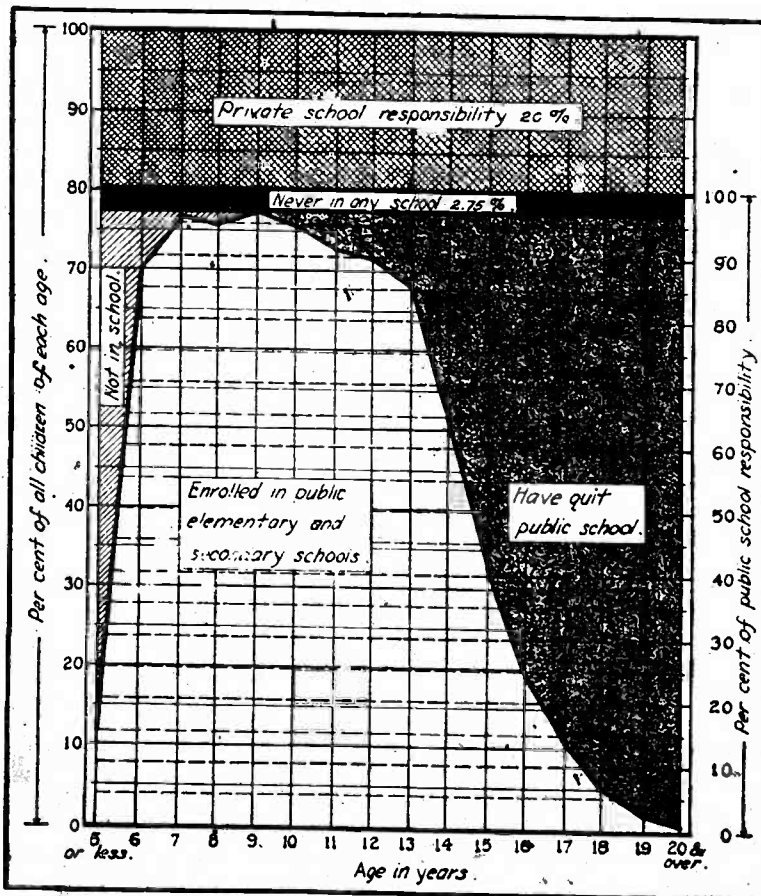


FIG. 31.—Estimated percentage of children of each age enrolled in the public schools of 80 cities in 1918.

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.	Kinder-garten.	Elementary schools.										High schools.				Total, excluding kindergartens.	Largest age group.	Age of largest group.
		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	52,210	47,408	42,755	33,620	25,024	19,781	11,588	7,031	4,569	2,986	346,701	40,015	8			
Girls	61,402	49,434	50,181	45,841	40,704	34,692	27,506	22,406	13,288	8,486	5,361	4,210	363,762	39,836	8			
<b>Total</b>	128,342	102,614	102,391	93,249	82,759	68,312	53,130	42,187	24,876	15,517	10,130	6,946	730,463	79,851	8			
<b>Group B cities, 1908:</b>																		
Boys	6,711	5,286	4,832	4,068	4,206	3,640	2,933	2,207	1,776	1,140	749	536	39,714	3,941	10			
Girls	6,056	4,843	4,987	4,344	3,994	3,778	3,249	2,522	2,137	1,465	1,065	818	39,978	3,928	8			
<b>Total</b>	12,767	10,129	9,819	8,412	8,200	7,418	6,182	4,729	3,913	2,605	1,814	1,354	77,692	7,869	8			
<b>All 80 cities, 1908:</b>																		
Boys	73,651	58,466	57,142	52,076	46,961	37,269	28,487	21,968	13,364	8,171	5,318	3,222	405,415	43,956	8			
Girls	67,465	54,277	55,168	50,155	44,668	38,470	30,775	24,922	15,423	9,931	6,826	5,078	402,740	43,864	8			
<b>Total</b>	141,116	112,743	112,310	102,231	90,959	75,739	59,262	46,910	28,787	18,102	11,944	8,300	808,155	87,820	8			
<b>Group A cities, 1918:</b>																		
Boys	40,258	36,365	33,756	32,854	27,497	20,309	14,215	11,060	7,159	4,677	3,020	1,944	509,299	55,301	7			
Girls	40,531	30,522	32,179	31,525	27,158	20,979	14,589	11,040	7,275	4,996	3,157	2,137	514,816	55,183	7			
<b>Total</b>	80,789	66,887	65,935	64,379	54,655	41,288	28,804	22,100	14,434	9,673	6,177	4,081	1,024,115	110,484	7			
<b>Group B cities, 1918:</b>																		
Boys	2,819	2,135	1,987	1,645	1,604	1,316	1,064	804	634	406	270	166	58,339	5,969	9			
Girls	2,807	2,201	2,139	1,844	1,696	1,462	1,216	946	787	531	367	257	59,745	5,878	8			
<b>Total</b>	5,626	4,336	4,126	3,489	3,200	2,778	2,280	1,750	1,421	937	633	423	118,084	11,847	9			
<b>All 80 cities, 1918:</b>																		
Boys	43,077	38,500	35,733	34,519	29,101	21,625	15,500	12,064	8,013	5,083	3,390	2,100	567,638	61,270	7			
Girls	43,338	32,653	34,318	33,369	29,354	22,141	15,994	12,966	8,762	5,427	3,524	2,394	574,561	61,061	7			
<b>Total</b>	86,415	71,153	70,051	67,888	58,455	43,766	31,494	25,030	16,775	10,510	6,914	4,494	1,142,200	122,331	7			



Group A cities having kindergartens, 1918.....	80,789	134,065	116,048	115,412	113,501	104,533	91,728	75,045	61,050	41,506	27,228	17,648	13,623	912,759	100,700	7
Group-A cities not having kindergartens, 1918.....	.....	13,052	10,532	10,523	10,878	10,122	9,390	7,799	6,341	5,195	3,445	2,292	1,917	91,390	9,791	7
Group B cities having kindergartens, 1918.....	5,026	8,225	6,535	6,542	6,320	6,160	5,322	4,524	3,983	4,139	2,374	1,710	1,264	56,668	5,806	5
Group B cities not having kindergartens, 1918.....	.....	9,201	6,818	6,667	6,729	6,490	5,908	4,928	4,138	4,132	2,616	2,033	1,666	61,360	6,077	10
All cities having kindergartens, 1918.....	86,415	162,290	122,583	121,954	119,321	110,693	97,320	79,520	63,642	48,344	29,802	18,738	14,887	989,427	106,880	7
All cities not having kindergartens, 1918.....	.....	22,283	17,350	17,190	17,607	16,612	15,198	12,727	10,099	9,327	6,061	4,345	3,583	152,752	15,869	10

The following cities had a ninth-grade elementary in 1918 with the number of pupils indicated, which have not been included in this table: Fall River, Mass., 181 boys and 212 girls; New Bedford, Mass., 127 boys and 115 girls; Haverhill, Mass., 180 boys and 169 girls; Lowell, Mass., 122 boys and 122 girls; Lynn, Mass., 102 boys and 102 girls; Springfield, Mass., 100 boys and 100 girls; Worcester, Mass., 100 boys and 100 girls; Waltham, Mass., 83 boys and 62 girls; Wakefield, Mass., 63 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.

City	Sex	Kindergarten	Elementary school grades						High school years				
			1	2	3	4	5	6	7	8	1	2	3
Aurora (east side), Ill.	Boys	47	150	152	172	119	126	117	147	91	106	52	37
	Girls	60	117	117	154	117	132	96	132	89	112	69	51
Chicago, Ill.	Boys	19,280	31,219	19,766	19,241	19,170	10,303	12,996	15,389	10,303	7,882	4,131	1,095
	Girls	19,203	28,785	18,846	18,907	18,140	11,917	15,332	15,382	11,917	8,211	4,067	1,008
DeWitt, Ill.	Boys	275	208	209	258	212	186	183	183	182	217	57	39
	Girls	226	198	195	212	171	166	155	155	187	117	79	59
Decatur, Ill.	Boys	454	414	439	483	335	391	297	297	260	283	118	70
	Girls	403	383	412	422	321	315	318	318	310	196	108	49
Quincy, Ill.	Boys	385	353	253	271	270	210	209	188	198	157	70	61
	Girls	357	331	241	253	216	198	188	188	157	107	62	49
Rockford, Ill.	Boys	412	412	426	408	453	408	428	401	436	288	159	123
	Girls	769	583	533	581	481	481	487	487	534	429	262	123
Springfield, Ill.	Boys	756	538	539	512	507	512	485	485	362	315	189	76
	Girls	1,432	1,000	955	1,007	754	680	688	688	362	306	199	113
Kansas City, Kans.	Boys	306	912	959	972	775	744	680	680	324	329	257	110
	Girls	1,898	756	726	755	685	660	660	660	324	329	257	110
Wichita, Kans.	Boys	799	637	676	701	659	555	555	555	377	379	188	109
	Girls	548	390	385	345	321	321	242	242	187	187	102	186
Covington, Ky.	Boys	113	113	113	113	113	113	113	113	113	113	113	113
	Girls	305	305	305	305	305	305	305	305	305	305	305	305
Louisville, Ky.	Boys	978	1,978	1,785	1,859	1,697	1,319	1,319	1,319	998	994	977	36
	Girls	1,144	1,797	1,617	1,751	1,636	1,117	1,117	1,117	998	994	977	36
Fall River, Mass.	Boys	260	260	260	260	260	260	260	260	260	260	260	260
	Girls	260	260	260	260	260	260	260	260	260	260	260	260
New Bedford, Mass.	Boys	261	110	110	110	110	110	110	110	110	110	110	110
	Girls	261	110	110	110	110	110	110	110	110	110	110	110
Quincy, Mass.	Boys	478	478	478	478	478	478	478	478	478	478	478	478
	Girls	478	478	478	478	478	478	478	478	478	478	478	478
Sackett's Creek, Mich.	Boys	211	211	211	211	211	211	211	211	211	211	211	211
	Girls	187	187	187	187	187	187	187	187	187	187	187	187
Say City, Mich.	Boys	219	423	395	326	304	296	296	296	296	296	296	296
	Girls	211	399	301	270	252	255	255	255	255	255	255	255
Grand Rapids, Mich.	Boys	998	760	602	799	731	701	701	701	680	675	675	675
	Girls	992	762	602	851	785	789	789	789	789	789	789	789
Saginaw (east side), Mich.	Boys	281	205	227	234	221	192	192	192	200	194	132	32
	Girls	281	205	227	234	221	192	192	192	200	194	132	32
Duluth, Minn.	Boys	743	919	818	801	807	799	799	799	712	540	387	119
	Girls	802	914	818	801	807	799	799	799	712	540	387	119
Minneapolis, Minn.	Boys	3,401	2,328	2,027	2,308	2,409	2,409	2,409	2,409	2,027	1,391	989	303
	Girls	3,117	2,725	2,366	2,438	2,470	2,470	2,470	2,470	2,027	1,391	989	303

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

St. Louis, Mo.	Boys	5,040	3,998	3,021	2,531	1,691	851	225	3,099
East Orange, N. J.	Boys	4,872	3,407	3,077	2,531	1,691	851	225	3,099
Elizabeth, N. J.	Boys	4,774	3,407	3,077	2,531	1,691	851	225	3,099
Boys		3,81	420	471	462	215	200	155	121
Girls		373	478	529	506	240	200	155	121
Irishton, N. J.	Boys	3,734	2,777	2,777	2,777	1,691	851	225	3,099
Boys		716	599	622	622	338	306	244	186
Girls		678	579	605	605	338	306	244	186
Orange, N. J.	Boys	3,315	2,422	2,422	2,422	1,691	851	225	3,099
Boys		320	333	333	333	160	150	110	80
Girls		320	333	333	333	160	150	110	80
Passaic, N. J.	Boys	3,066	2,327	2,327	2,327	1,691	851	225	3,099
Boys		721	527	527	527	262	242	182	132
Girls		685	581	581	581	262	242	182	132
Parkerson, N. J.	Boys	1,864	1,181	1,181	1,181	1,042	577	322	169
Boys		1,124	733	733	733	622	351	201	144
Girls		1,157	841	841	841	622	351	201	144
Fifth Amboy, N. J.	Boys	1,412	925	925	925	1,042	577	322	169
Boys		412	271	271	271	322	169	100	60
Girls		371	271	271	271	322	169	100	60
Trumbull, N. J.	Boys	1,097	694	694	694	1,042	577	322	169
Boys		270	179	179	179	286	158	84	54
Girls		277	179	179	179	286	158	84	54
Auburn, N. Y.	Boys	2,211	1,598	1,598	1,598	1,042	577	322	169
Boys		220	177	177	177	198	122	63	48
Girls		211	177	177	177	198	122	63	48
Newburgh, N. Y.	Boys	2,118	1,598	1,598	1,598	1,042	577	322	169
Boys		218	166	166	166	201	120	63	48
Girls		218	166	166	166	201	120	63	48
Watertown, N. Y.	Boys	2,011	1,598	1,598	1,598	1,042	577	322	169
Boys		218	166	166	166	201	120	63	48
Girls		218	166	166	166	201	120	63	48
Canton, Ohio	Boys	1,851	1,311	1,311	1,311	1,042	577	322	169
Boys		692	671	671	671	365	207	98	66
Girls		673	671	671	671	365	207	98	66
Lorain, Ohio	Boys	1,289	911	911	911	1,042	577	322	169
Boys		1,197	911	911	911	322	169	100	60
Girls		1,197	911	911	911	322	169	100	60
Springfield, Ohio	Boys	1,150	822	822	822	1,042	577	322	169
Boys		589	550	550	550	228	137	61	48
Girls		561	550	550	550	228	137	61	48
Altoona, Pa.	Boys	719	566	566	566	1,042	577	322	169
Boys		320	278	278	278	145	80	40	30
Girls		320	278	278	278	145	80	40	30
Harrisburg, Pa.	Boys	631	453	453	453	1,042	577	322	169
Boys		567	453	453	453	383	220	139	88
Girls		567	453	453	453	383	220	139	88
Philadelphia, Pa.	Boys	4,004	3,021	3,021	3,021	1,691	851	225	3,099
Boys		27	27	27	27	2,202	1,028	403	299
Girls		27	27	27	27	2,202	1,028	403	299
Reading, Pa.	Boys	1,202	805	805	805	1,042	577	322	169
Boys		40	40	40	40	338	207	84	68
Girls		40	40	40	40	338	207	84	68
Williamsport, Pa.	Boys	423	338	338	338	1,042	577	322	169
Boys		374	296	296	296	217	173	69	54
Girls		374	296	296	296	217	173	69	54
York, Pa.	Boys	571	416	416	416	1,042	577	322	169
Boys		369	301	301	301	107	60	29	20
Girls		369	301	301	301	107	60	29	20
Tucson, Wash.	Boys	1,317	903	903	903	1,042	577	322	169
Boys		807	685	685	685	401	239	106	78
Girls		807	685	685	685	401	239	106	78
Madison, Wis.	Boys	1,147	865	865	865	1,042	577	322	169
Boys		286	258	258	258	190	117	53	42
Girls		286	258	258	258	190	117	53	42

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

Cities.	Sex.	Kindergarten.	Elementary school grades.						High school years.					
			1	2	3	4	5	6	7	8	1	2	3	4
Alameda, Calif.	Boys	227	240	205	247	243	216	201	179	151	143	82	54	67
	Girls	240	190	190	190	190	190	190	192	172	223	144	82	73
Fremo, Calif.	Boys	181	560	500	422	436	328	372	341	251	320	148	111	70
	Girls	202	485	429	498	498	498	498	323	294	365	181	117	91
Sanis Cruz, Calif.	Boys	112	112	88	91	103	100	112	80	74	77	43	46	25
	Girls	112	112	88	91	103	100	112	80	74	77	43	46	25
Danbury, Conn.	Boys	207	190	150	151	169	151	125	91	62	83	25	43	48
	Girls	211	153	150	161	171	171	171	117	102	106	63	43	48
Wallingford, Conn.	Boys	112	133	133	128	129	110	98	78	66	106	35	22	19
	Girls	111	137	128	129	107	110	98	78	66	106	35	22	19
Galesburg, Ill.	Boys	164	148	185	184	200	200	213	179	177	127	97	82	75
	Girls	192	172	133	196	208	208	217	182	200	171	151	126	106
Macomb, Ill.	Boys	96	68	51	51	44	40	36	45	46	37	24	15	16
	Girls	83	59	52	44	40	36	30	45	46	37	24	15	16
Connorsville, Ind.	Boys	101	84	87	97	90	72	71	65	51	36	35	23	14
	Girls	76	94	83	60	60	60	60	71	56	45	35	34	20
East Chicago, Ind.	Boys	287	270	273	237	224	224	153	141	101	56	29	22	16
	Girls	313	252	218	248	241	241	150	137	90	56	29	22	16
Frankfort, Ind.	Boys	112	128	105	112	96	96	111	64	69	78	42	31	34
	Girls	128	105	110	102	96	96	110	64	69	78	42	31	34
Goshen, Ind.	Boys	52	65	65	65	65	65	65	65	65	65	65	65	65
	Girls	19	18	18	18	18	18	18	18	18	18	18	18	18
Kokomo, Ind.	Boys	537	392	392	392	392	392	392	392	392	392	392	392	392
	Girls	392	392	392	392	392	392	392	392	392	392	392	392	392
Wabash, Ind.	Boys	81	133	133	133	133	133	133	133	133	133	133	133	133
	Girls	133	133	133	133	133	133	133	133	133	133	133	133	133
Keokuk, Iowa	Boys	33	204	165	132	143	127	92	102	49	82	55	36	30
	Girls	63	157	159	164	170	160	94	97	94	69	31	39	48
Marshalltown, Iowa	Boys	146	108	108	179	146	137	128	106	88	97	73	51	24
	Girls	134	176	153	147	168	168	128	106	110	110	73	51	24
Ottumwa, Iowa	Boys	363	316	277	265	250	268	268	242	166	185	61	42	17
	Girls	270	273	241	299	286	231	231	283	182	274	70	66	55
Dedham, Mass.	Boys	147	134	129	106	104	114	114	85	133	87	69	36	23
	Girls	170	146	116	110	126	134	134	105	136	90	58	29	34
Wareham, Mass.	Boys	214	143	164	164	129	108	108	80	108	66	92	34	25
	Girls	160	160	144	121	121	98	98	87	64	82	74	46	46
Medford, Mass.	Boys	379	311	284	348	343	343	343	238	212	338	151	57	108
	Girls	193	144	117	120	118	101	101	217	217	303	160	50	123
Warefield, Mass.	Boys	171	137	126	119	127	100	100	78	101	90	79	44	57
	Girls	171	137	126	119	127	100	100	78	101	90	79	44	57

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	Boys	Girls	Total	1917	1918	Total	1917	1918	Total
Witchester, Mass.	53	30	83	107	114	221	117	117	234
Winthrop, Mass.	108	109	217	122	114	236	122	114	236
Chesbogan, Mich.	112	78	190	34	44	78	28	33	61
Iron Mountain, Mich.	129	118	247	93	83	176	53	43	96
Sault Ste. Marie, Mich.	167	167	334	107	71	178	85	83	168
Great Falls, Mont.	150	136	286	117	117	234	105	93	198
Bridgeton, N. J.	220	263	483	189	221	410	189	201	390
Keary, N. J.	109	161	270	146	111	257	119	97	216
Plainfield, N. J.	174	277	451	143	131	274	140	146	286
Vineland, N. J.	242	205	447	164	201	365	133	159	292
West Orange, N. J.	200	146	346	112	151	263	88	88	176
New Rochelle, N. Y.	187	176	363	132	134	266	50	54	104
White Plains, N. Y.	418	390	808	196	314	510	183	119	302
MacAlester, Ohio.	372	324	696	174	172	346	165	165	330
Maalester, Ohio.	318	191	509	107	107	214	87	117	204
Charleed, Pa.	271	113	384	198	90	288	75	41	116
Donora, Pa.	193	111	304	104	101	205	79	51	130
Hornestead, Pa.	119	111	230	38	77	115	22	28	50
Beloit, Wis.	125	89	214	63	82	145	33	33	66
...	184	129	313	98	112	210	84	84	168
...	239	234	473	96	130	226	54	63	117
...	238	204	442	172	172	344	137	137	274
...	305	160	465	171	198	369	154	154	308



TABLE 39.—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 of 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.
Aurora (east side), Ill.	Boys		109	153	139	113	136	114	120	128	111	71	51	51	18		
	Girls		89	135	116	127	115	110	115	117	107	59	44	44	18		
Chicago, Ill.	Boys	2,554	61,827	17,368	17,071	16,481	15,361	14,773	14,310	14,773	10,310	5,911	3,183	1,291	685	234	148
	Girls	2,570	20,337	18,046	17,184	16,734	15,331	14,721	14,471	14,694	10,310	6,268	3,252	1,773	614	183	96
Danville, Ill.	Boys		190	157	158	155	157	157	156	160	163	118	72	72	33	12	1
	Girls		190	157	158	155	157	157	156	160	163	118	72	72	33	12	1
Deatur, Ill.	Boys		433	376	396	342	321	332	315	289	260	202	155	140	59	20	3
	Girls		402	416	374	378	326	335	311	296	291	202	155	140	59	20	3
Quincy, Ill.	Boys	24	263	217	211	247	227	216	198	206	173	117	72	62	24	4	2
	Girls	28	237	218	212	259	194	216	217	256	173	119	102	82	24	4	2
Rockford, Ill.	Boys	127	395	405	429	385	420	406	410	392	408	276	155	95	44	19	8
	Girls	114	417	435	423	403	423	403	425	409	395	275	154	120	58	11	21
Springfield, Ill.	Boys	121	430	391	463	411	478	430	446	429	316	222	115	75	51	22	10
	Girls	161	471	485	441	450	450	459	459	425	291	232	145	111	70	22	10
Kansas City, Mo.	Boys	37	339	739	840	818	831	759	807	783	711	462	299	190	64	24	12
	Girls	41	350	613	911	573	588	633	533	521	462	289	222	149	86	19	14
Wichita, Kans.	Boys	28	356	337	401	389	369	327	319	306	256	103	45	23	6	0	0
	Girls	28	312	379	401	389	369	327	319	306	256	103	45	23	6	0	0
Covington, Ky.	Boys		313	370	414	487	457	439	417	437	338	272	190	130	62	23	8
	Girls		372	476	431	483	439	417	437	338	272	190	130	130	62	23	8
Louisville, Ky.	Boys	370	761	737	775	776	746	736	736	738	370	151	121	101	43	9	4
	Girls	346	731	728	807	801	790	730	734	812	398	203	156	101	43	9	4
New Bedford, Mass.	Boys	54	731	807	874	820	923	874	863	834	375	241	153	103	28	3	3
	Girls	58	684	811	837	844	862	830	848	841	370	234	134	75	14	10	9
Quincy, Mass.	Boys		462	445	397	429	401	376	322	299	189	123	117	72	32	3	3
	Girls		403	352	383	422	376	317	317	288	160	123	117	72	32	3	3
Battle Creek, Mich.	Boys	12	186	208	250	213	272	263	194	173	210	172	117	117	103	83	21
	Girls	20	198	235	279	275	275	208	208	173	210	172	117	117	103	83	21
Bay City, Mich.	Boys	17	218	361	218	332	309	241	323	336	279	240	175	76	90	22	10
	Girls	17	218	361	218	332	309	241	323	336	279	240	175	76	90	22	10
Grand Rapids, Mich.	Boys	157	617	782	780	856	774	692	648	631	637	569	371	334	139	61	29
	Girls	157	617	782	780	856	774	692	648	631	637	569	371	334	139	61	29
Baginaw (east side), Mich.	Boys	28	239	162	228	207	177	205	188	192	194	139	77	35	13	6	1
	Girls	28	239	162	228	207	177	205	188	192	194	139	77	35	13	6	1
Duluth, Minn.	Boys	39	154	166	166	166	166	166	166	166	166	166	166	166	166	166	166
	Girls	39	154	166	166	166	166	166	166	166	166	166	166	166	166	166	166
Minneapolis, Minn.	Boys	190	2,369	2,351	2,476	2,476	2,476	2,476	2,476	2,476	1,996	835	749	561	217	72	25
	Girls	190	2,325	2,378	2,421	2,476	2,311	2,179	2,135	2,091	1,996	835	749	561	217	72	25

City	Boys	Girls	Total	Teachers	Salaries	Expenses	Income	Per Capita	Population	Area	Density
St. Louis, Mo.	53	74	127	1,371	1,187	3,003	1,301	1,271	1,000	1,000	1,000
East Orange, N. J.	66	74	140	1,187	1,187	3,003	1,301	1,271	1,000	1,000	1,000
Hoboken, N. J.	61	307	368	371	343	539	477	452	318	318	318
Orange, N. J.	133	482	615	632	523	1,000	900	850	600	600	600
Pasadena, N. J.	61	59	120	120	120	300	280	270	200	200	200
Patterson, N. J.	35	90	125	125	125	300	280	270	200	200	200
Perth Amboy, N. J.	172	422	594	594	594	1,500	1,400	1,300	1,000	1,000	1,000
Newton, N. J.	158	438	596	596	596	1,500	1,400	1,300	1,000	1,000	1,000
Annapolis, N. Y.	20	192	212	212	212	500	450	400	300	300	300
Newburgh, N. Y.	136	211	347	347	347	900	800	700	500	500	500
Watertown, N. Y.	57	272	329	329	329	800	700	600	400	400	400
Dayton, Ohio	164	164	328	328	328	800	700	600	400	400	400
Springfield, Ohio	3	414	417	417	417	1,000	900	800	600	600	600
Altoona, Pa.	154	397	551	551	551	1,400	1,300	1,200	900	900	900
Harrisburg, Pa.	139	493	632	632	632	1,600	1,500	1,400	1,100	1,100	1,100
Philadelphia, Pa.	2,186	3,007	5,193	5,193	5,193	13,000	12,000	11,000	8,000	8,000	8,000
York, Pa.	186	208	394	394	394	1,000	900	800	600	600	600
Williamsport, Pa.	133	242	375	375	375	1,000	900	800	600	600	600
Yakima, Wash.	54	217	271	271	271	700	600	500	400	400	400
Madison, Wt.	37	290	327	327	327	800	700	600	400	400	400

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.

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	16 years	17 years	18 years	19 years	20 years or over
Alameda, Calif.	Boys	212	179	207	232	208	197	182	153	117	117	100	77	37	23	6	
	Girls	196	183	178	181	185	212	168	168	140	140	171	100	57	21	2	
Fresno, Calif.	Boys	496	428	407	421	436	348	318	353	287	233	218	173	121	72	62	
	Girls	402	397	416	453	436	372	311	296	285	212	233	169	112	66	38	
Santa Cruz, Calif.	Boys	91	102	83	101	98	91	91	91	92	71	33	33	35	8	5	
	Girls	87	99	87	86	87	86	86	82	85	79	71	53	21	11	2	
Danbury, Conn.	Boys	115	137	111	131	137	133	133	126	126	126	116	99	85	49	16	
	Girls	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	
Wallingford, Conn.	Boys	131	121	121	111	112	91	83	88	72	57	49	32	32	8	8	
	Girls	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Galesburg, Ill.	Boys	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	
	Girls	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	
Macomb, Ill.	Boys	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
	Girls	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
Connersville, Ind.	Boys	67	71	73	73	79	67	61	61	61	61	61	61	61	61	61	
	Girls	53	83	68	72	67	59	49	49	49	49	49	49	49	49	49	
East Chicago, Ind.	Boys	211	196	228	258	209	181	171	171	171	171	171	171	171	171	171	
	Girls	85	101	109	86	83	102	102	102	102	102	102	102	102	102	102	
Frankfort, Ind.	Boys	101	90	89	77	83	107	70	70	70	70	70	70	70	70	70	
	Girls	37	52	52	61	61	61	61	61	61	61	61	61	61	61	61	
Gothen, Ind.	Boys	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	
	Girls	217	200	217	213	231	261	261	261	261	261	261	261	261	261	261	
Kokomo, Ind.	Boys	202	170	170	201	212	223	223	223	223	223	223	223	223	223	223	
	Girls	115	80	72	89	71	88	103	103	103	103	103	103	103	103	103	
Wapash, Ind.	Boys	77	125	110	122	109	105	105	105	105	105	105	105	105	105	105	
	Girls	100	100	116	116	133	133	133	133	133	133	133	133	133	133	133	
Keokuk, Iowa	Boys	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	
	Girls	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	
Marshalltown, Iowa	Boys	170	211	252	262	311	231	231	231	231	231	231	231	231	231	231	
	Girls	111	121	132	102	118	113	113	113	113	113	113	113	113	113	113	
Ottumwa, Iowa	Boys	108	128	138	111	123	119	101	101	101	101	101	101	101	101	101	
	Girls	112	102	111	115	115	121	121	121	121	121	121	121	121	121	121	
Deerfield, Mass.	Boys	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	
	Girls	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	
Medford, Mass.	Boys	117	118	118	118	118	118	118	118	118	118	118	118	118	118	118	
	Girls	134	125	128	111	103	103	103	103	103	103	103	103	103	103	103	
Waldenfield, Mass.	Boys	52	53	53	53	53	53	53	53	53	53	53	53	53	53	53	
	Girls	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	





TABLE 41.—Number of pupils of normal age, and of less than normal age, for their respective grades in certain cities of 85,000 population and over, 1918.—GROUP A.

Cities.	Sex.	Total, all ages.	Largest age group.	Age of latest group.	Of farthest 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.
Ammon (east side), Ill.	Boys, 137 Girls, 135	1,317	153	7	918	130	48	11	5	1	195	136	15	174
Chicago, Ill.	Boys, 161,585 Girls, 159,470	1,238,217	21,197	6	113,432	17,310	6,580	2,274	782	0	111	210	21	231
DeWitt, Ill.	Boys, 1,808 Girls, 1,833	3,641	194	6	1,174	287	149	73	27	1	500	223	1,831	2,238
DeWitt, Ill.	Boys, 3,576 Girls, 3,576	7,152	417	7	2,463	387	193	95	36	3	523	108	3	526
Quincy, Ill.	Boys, 2,372 Girls, 2,372	4,744	259	9	1,501	317	157	78	11	0	116	182	11	199
Rockford, Ill.	Boys, 4,405 Girls, 4,405	8,810	465	8	2,907	533	283	143	8	2	539	184	10	313
Springfield, Ill.	Boys, 4,563 Girls, 4,563	9,126	501	7	3,070	614	283	143	4	4	797	658	53	711
Kansas City, Kans.	Boys, 7,755 Girls, 7,755	15,510	840	8	4,324	1,090	571	289	13	1	1,014	470	9	873
Wichita, Kans.	Boys, 6,086 Girls, 6,086	12,172	543	11	3,616	1,501	746	287	119	71	3,167	294	16	310
Covington, Ky.	Boys, 2,899 Girls, 2,899	5,798	327	11	1,753	492	228	91	39	16	894	132	38	190
Louisville, Ky.	Boys, 1,531 Girls, 1,531	3,062	172	10	2,321	447	201	70	35	19	787	417	57	274
Fall River, Mass.	Boys, 7,447 Girls, 7,447	14,894	823	12	3,834	1,260	614	279	294	132	1,983	636	73	709
New Bedford, Mass.	Boys, 7,736 Girls, 7,736	15,472	923	10	1,925	1,260	572	226	88	2	2,109	487	29	518
Quincy, Mass.	Boys, 3,662 Girls, 3,662	7,324	435	7	2,791	219	119	59	1	1	292	277	35	325
Battle Creek, Mich.	Boys, 2,531 Girls, 2,531	5,062	272	10	1,492	378	207	83	11	8	650	83	6	89
Bay-City, Mich.	Boys, 2,981 Girls, 2,981	5,962	342	10	1,805	407	227	88	38	2	840	202	84	316
Grand Rapids, Mich.	Boys, 7,488 Girls, 7,488	14,976	782	11	1,410	1,177	583	31	10	3	1,990	359	189	498
Baginaw (east side), Mich.	Boys, 2,280 Girls, 2,280	4,560	243	7	1,517	237	111	43	6	1	1,692	172	40	812
			233	12	1,338	238	75	29	4	3	317	453	21	376

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	Boys	Girls	Total	Teachers	Salaries	Expenses	Books	Supplies	Buildings	Land	Plant	Other	Total	Per Pupil
Duluth, Minn.	151	151	302	15	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Minneapolis, Minn.	178	178	356	18	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
St. Louis, Mo.	201	201	402	20	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
East Orange, N. J.	215	215	430	21	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Hoboken, N. J.	241	241	482	24	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Orange, N. J.	257	257	514	26	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Kansas, N. J.	264	264	528	27	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Worcester, N. J.	277	277	554	28	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Ferth Amboy, N. J.	284	284	568	29	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Trenton, N. J.	291	291	582	30	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Anburn, N. Y.	298	298	596	31	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Newburgh, N. Y.	305	305	610	32	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Watertown, N. Y.	312	312	624	33	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Quanton, Ohio	319	319	638	34	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dayton, Ohio	326	326	652	35	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Springfield, Ohio	333	333	666	36	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Altoms, Pa.	340	340	680	37	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Essexburg, Pa.	347	347	694	38	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Boysburg, Pa.	354	354	708	39	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Philadelphia, Pa.	361	361	722	40	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Reading, Pa.	368	368	736	41	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Williamsport, Pa.	375	375	750	42	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
York, Pa.	382	382	764	43	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Tacoma, Wash.	389	389	778	44	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Medford, Wis.	396	396	792	45	2,150	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000

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 latest 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	212	9	379	90	43	19	9	431	255	9	214
	Girls	1,148	134	11	215	81	15	6	3	323	217	6	233
Fresno, Calif.	Boys	4,377	438	6	833	418	191	61	3	1,644	247	10	227
	Girls	4,223	423	9	818	385	167	51	32	1,453	215	18	233
Sanja Cruz, Calif.	Boys	1,825	192	7	357	43	2	2	0	141	136	23	160
	Girls	1,825	192	7	357	43	2	2	0	141	136	23	160
Danbury, Conn.	Boys	1,350	153	11	194	40	12	0	0	157	380	11	181
	Girls	1,134	164	8	175	29	14	4	0	117	180	11	152
Wallingford, Conn.	Boys	1,019	129	6	663	73	14	3	3	117	224	15	226
	Girls	1,043	131	6	681	71	9	3	3	108	255	21	256
Galena, Ill.	Boys	1,833	215	11	291	70	25	3	3	335	207	30	237
	Girls	2,076	229	10	1,493	76	12	2	2	263	297	47	344
Macomb, Ill.	Boys	522	61	11	336	39	15	4	4	81	94	11	105
	Girls	548	61	11	272	41	7	13	2	87	150	19	169
Cannonsville, Ind.	Boys	765	89	11	534	111	39	16	4	170	40	1	41
	Girls	762	83	7	544	89	33	11	1	126	52	0	52
East Chicago, Ind.	Boys	1,845	258	9	241	246	91	33	14	403	177	21	201
	Girls	1,780	212	8	699	168	52	9	9	305	180	22	202
Frankfort, Ind.	Boys	863	100	8	501	105	37	9	1	230	53	0	53
	Girls	1,122	127	13	566	112	45	15	2	160	44	3	51
Goshen, Ind.	Boys	738	82	10	616	102	24	15	0	148	12	12	12
	Girls	738	82	10	616	102	24	15	0	148	12	12	12
Kokomo, Ind.	Boys	2,429	317	6	1,891	387	151	72	25	658	92	8	100
	Girls	2,112	272	10	1,761	330	133	53	13	132	104	8	132
Wabash, Ind.	Boys	897	114	6	524	92	20	9	1	569	104	4	108
	Girls	897	114	6	524	92	20	9	1	569	104	4	108
Kokomo, Iowa	Boys	1,217	125	7	726	140	71	29	5	845	164	13	177
	Girls	1,199	132	10	656	137	68	24	5	249	232	10	242
Marshalltown, Iowa	Boys	1,354	151	8	831	218	111	49	15	236	251	7	258
	Girls	1,413	146	10	833	179	70	11	15	391	113	3	146
Ottumwa, Iowa	Boys	2,372	248	8	1,476	340	137	58	16	583	219	2	240
	Girls	2,164	262	9	1,342	353	133	31	11	528	276	14	240
Deerham, Mass.	Boys	1,107	132	8	640	115	5	0	0	65	300	28	311
	Girls	1,107	132	8	640	115	5	0	0	65	300	28	311
Gardner, Mass.	Boys	1,265	118	6	739	171	32	9	2	108	393	33	393
	Girls	1,265	118	6	739	171	32	9	2	108	393	33	393

Medford, Mass.	Boys	3,159	8	2,126	194	19	2	1	504	233	2	235
	Girls	3,213	6	2,212	312	22	4	4	473	240	18	308
Walden, Mass.	Boys	1,201	6	735	117	14	1	1	167	270	18	277
	Girls	1,204	6	869	65	10	1	1	157	310	18	316
Winchester, Mass.	Boys	818	11	637	73	15	2	2	121	121	4	78
	Girls	850	10	678	87	10	2	1	133	71	11	180
Winthrop, Mass.	Boys	1,275	10	868	104	10	3	1	138	175	17	218
	Girls	1,275	9	907	81	8	3	1	126	231	17	238
Cheboygan, Mich.	Boys	665	9	361	81	7	4	1	166	102	6	108
	Girls	665	9	343	79	15	7	4	138	102	11	114
Ann Arbor, Mich.	Boys	1,188	163	752	143	22	6	4	246	104	11	113
	Girls	1,188	156	861	156	16	6	4	224	102	11	113
Sanit Sta. Marie, Mich.	Boys	1,153	8	813	144	23	6	1	231	107	7	142
	Girls	1,314	8	912	144	23	6	1	231	107	7	142
Great Falls, Mont.	Boys	2,277	8	1,494	263	42	19	5	592	184	7	191
	Girls	2,277	8	1,494	263	42	19	5	592	184	7	191
Bridgton, N. J.	Boys	1,384	7	750	112	11	8	2	493	219	7	226
	Girls	1,481	12	783	136	24	8	2	525	228	38	381
Kearny, N. J.	Boys	2,003	9	1,277	202	21	11	4	354	310	40	472
	Girls	2,042	9	1,277	202	21	11	4	354	310	40	472
Plainfield, N. J.	Boys	2,118	9	1,323	265	24	12	2	318	414	53	467
	Girls	2,214	7	1,390	277	24	12	2	296	472	27	323
Vineyard, N. J.	Boys	1,681	9	970	317	43	19	5	472	180	28	188
	Girls	1,703	9	1,035	260	42	11	3	523	180	28	188
West Orange, N. J.	Boys	1,238	8	759	141	23	11	1	419	238	13	251
	Girls	1,265	8	836	141	23	11	1	360	199	10	179
New Rochelle, N. Y.	Boys	3,028	9	1,842	365	39	11	6	220	508	20	219
	Girls	3,028	9	1,748	322	33	11	6	536	508	20	219
White Plains, N. Y.	Boys	1,638	9	947	323	64	19	6	546	480	82	590
	Girls	1,638	9	947	323	64	19	6	546	480	82	590
Mediester, Okla.	Boys	1,074	9	643	188	38	20	7	477	115	17	132
	Girls	1,117	9	668	188	38	20	7	477	115	17	132
Clearfield, Pa.	Boys	863	10	520	76	28	12	2	330	78	12	90
	Girls	863	10	520	76	28	12	2	330	78	12	90
Donora, Pa.	Boys	1,275	12	783	90	28	9	2	119	118	5	123
	Girls	1,275	12	783	90	28	9	2	119	118	5	123
Honestead, Pa.	Boys	1,586	8	1,020	261	31	32	1	432	44	0	44
	Girls	1,586	8	1,020	261	31	32	1	432	44	0	44
Beloit, Wis.	Boys	1,847	9	1,135	156	60	9	8	186	186	4	187
	Girls	1,846	13	1,107	118	34	9	8	251	182	3	458
	Girls								310	310	47	537

TABLE 43.—Percentage of the total number of boys and girls who are of normal age, over normal age, and under normal age for their respective grades in certain cities of 25,000 population and over—GROUP A.

Cities.	Sex.	Over age.														Under age.		
		Of normal age.	1 year.					2 years.					3 years and more.				Total.	Under age.
			1916	1917	1918	1916	1917	1918	1916	1917	1918	1916	1917	1918	1916	1917		
		1916	1917	1918	1916	1917	1918	1916	1917	1918	1916	1917	1918	1916	1917	1918		
Aurora (east side), Ill.	Boys	73.7	72.0	12.1	8.9	5.0	3.7	2.2	0.8	1.1	0.4	20.4	14.8	5.9	13.2			
	Girls	76.1	72.1	11.7	6.4	1.9	1.5	2.0	0.9	0.9	11.6	8.9	7.1	18.7				
Chicago, Ill.	Boys	61.7	70.2	19.9	10.7	9.7	4.1	3.8	1.4	2.2	18.35	17.0	2.7	12.8				
	Girls	66.8	71.1	18.1	8.8	7.6	3.2	2.7	1.1	1.4	15.29	13.9	3.4	15.3				
Danville, Ill.	Boys	53.3	65.1	24.5	15.9	12.2	8.3	5.7	3.5	3.4	2.2	45.8	29.0	7.7	5.0			
	Girls	60.4	71.5	21.6	13.4	10.2	5.5	4.3	2.5	2.2	1.2	38.2	22.6	1.3	5.9			
Decatur, Ill.	Boys	54.9	70.1	23.6	10.3	12.3	2.2	5.7	7.1	1.9	2	43.5	14.4	1.6	15.5			
	Girls	60.4	69.4	21.3	7.7	11.4	2.6	4.3	6	1.7	3	39.8	11.2	8	19.4			
Quincy, Ill.	Boys	51.0	67.3	21.8	14.2	13.0	7.0	5.6	1.7	3.4	19	42.8	23.8	5.2	8.4			
	Girls	59.7	70.3	19.1	10.8	9.9	3.8	4.5	1.2	1.6	14	35.1	16.2	5.2	13.5			
Rockford, Ill.	Boys	60.9	65.8	22.3	12.1	8.8	4.2	3.4	1.3	1.7	5	36.2	18.1	2.9	16.1			
	Girls	65.3	68.7	19.2	8.4	9.6	2.3	2.1	1.3	1.7	19	31.6	11.9	2.9	19.4			
Springfield, Ill.	Boys	65.3	67.3	18.8	13.2	8.5	6.2	4.3	1.9	1.9	9	31.5	22.2	2.0	10.5			
	Girls	67.4	69.3	19.2	11.8	8.0	4.5	2.5	1.0	1.9	6	30.6	17.7	2.0	15.0			
Kansas City, Kans.	Boys	46.3	61.9	35.7	21.9	15.0	11.1	7.4	5.1	4.1	2.8	33.1	41.1	6.0	4.0			
	Girls	50.1	60.4	26.9	19.7	12.8	9.2	6.2	3.6	3.0	7	48.0	34.7	1.0	4.0			
Wichita, Kans.	Boys	51.3	61.4	23.1	16.0	13.3	8.7	6.9	4.2	4.0	1.6	47.3	30.5	1.4	8.1			
	Girls	60.2	65.2	21.7	15.0	10.4	7.1	4.7	2.6	2.0	1.9	38.8	25.7	1.0	9.1			
Covington, Ky.	Boys	56.0	62.4	21.1	17.5	11.5	8.1	6.1	3.2	3.1	2.0	41.8	30.8	2.2	6.8			
	Girls	62.8	64.7	18.3	15.7	11.2	7.4	4.4	2.0	1.4	1	35.3	26.2	1.0	9.1			
Louisville, Ky.	Boys	64.7	67.5	20.8	19.0	11.7	9.0	6.0	5.0	4.4	3.8	42.9	37.7	2.4	4.8			
	Girls	61.1	62.3	17.9	17.8	9.3	8.5	4.9	3.0	3.3	2.7	35.4	32.9	3.5	4.8			
New River, Mass.	Boys	17.9	49.2	12.9	12.0	7.7	6.2	4.8	2.4	4.5	8	29.9	21.1	22.0	29.4			
	Girls	48.5	48.8	11.4	11.1	6.9	6.5	4.1	2.1	4.4	8	26.8	19.8	21.7	31.4			
New Bedford, Mass.	Boys	56.9	63.1	14.8	16.2	7.9	8.9	4.5	3.0	3.4	1.9	30.8	30.0	12.5	6.0			
	Girls	53.3	65.2	11.3	16.0	6.2	7.6	3.0	3.0	2.0	1.3	22.5	28.0	24.2	6.8			
Quincy, Mass.	Boys	55.5	77.7	9.4	6.3	4.5	1.1	1.5	.5	.6	.0	16.0	7.9	25.5	11.1			
	Girls	56.2	78.1	9.4	6.0	4.1	1.3	1.1	.3	.2	.0	14.8	7.6	29.0	11.3			
Battle Creek, Mich.	Boys	38.5	59.6	27.2	22.8	20.3	19.6	8.4	3.3	5.3	.0	61.2	37.5	3.3	3.5			
	Girls	44.3	68.0	27.2	17.5	17.2	6.9	7.0	2.9	3.8	.6	55.2	27.0	.5	5.0			
Bay City, Mich.	Boys	50.2	70.5	20.6	16.7	11.3	7.6	6.3	2.9	4.2	1.3	42.5	27.9	7.3	11.5			
	Girls	51.8	62.0	23.2	15.0	10.7	4.3	4.4	1.2	2.1	1	40.4	20.9	4.8	17.1			
Grand Rapids, Mich.	Boys	39.3	70.8	30.3	15.3	18.4	5.0	7.4	1.2	3.9	.5	69.0	22.0	.7	7.2			
	Girls	43.9	72.4	30.7	12.3	16.2	4.1	5.8	1.0	2.6	.4	55.3	17.8	.8	9.8			
Saginaw (east side), Mich.	Boys	65.2	68.0	15.4	10.6	9.1	5.0	3.4	1.6	1.0	.4	28.9	17.6	5.0	14.4			
	Girls	70.5	68.9	12.9	9.3	8.1	3.4	1.8	1.3	.7	.2	21.5	14.2	7.9	16.8			
Duluth, Minn.	Boys	59.5	64.8	22.3	20.2	11.0	8.6	3.5	3.9	1.6	1.2	38.4	33.0	2.1	2.2			
	Girls	64.5	68.5	20.7	17.0	7.7	6.9	2.6	2.0	1.3	1.0	32.2	27.5	3.3	3.3			
Minneapolis, Minn.	Boys	56.0	73.2	24.3	11.1	12.6	3.5	4.8	.9	1.4	.2	37.9	15.8	1.6	11.0			
	Girls	60.8	74.6	22.9	8.4	10.2	3.2	3.4	.6	1.4	.2	37.9	11.4	1.3	14.0			
St. Louis, Mo.	Boys	41.1	66.0	31.1	17.0	16.5	7.1	7.0	2.3	3.8	.8	58.4	27.8	.5	6.2			
	Girls	45.5	67.3	31.2	16.1	14.5	6.1	5.7	2.0	2.6	.8	54.0	25.0	.5	7.7			
East Orange, N. J.	Boys	64.4	63.0	20.6	10.7	11.8	3.4	5.9	.8	2.1	1	40.4	15.0	5.2	22.0			
	Girls	57.7	63.3	20.0	8.9	11.5	2.9	3.7	.8	1.6	.2	37.7	12.8	4.6	23.9			
Hoboken, N. J.	Boys	53.7	59.8	23.0	17.3	12.7	8.2	4.0	3.2	2.5	1.4	42.8	30.1	3.5	10.1			
	Girls	57.5	62.0	21.4	15.8	10.4	7.7	4.0	2.7	2.1	1.0	37.9	27.2	4.2	10.8			
Orange, N. J.	Boys	50.4	68.1	22.4	17.1	13.5	8.1	7.7	3.2	4.1	2.1	47.7	30.8	1.9	10.8			
	Girls	46.9	69.8	27.2	15.2	12.4	8.1	6.3	3.3	4.0	1.4	49.0	28.9	3.2	12.2			
Passaic, N. J.	Boys	62.7	62.6	22.3	14.0	12.5	5.2	6.8	2.1	3.4	1.3	45.0	22.6	2.5	11.8			
	Girls	56.0	64.9	20.9	11.8	11.0	4.8	5.4	1.8	3.4	1.3	40.4	19.7	3.0	15.4			
Paterson, N. J.	Boys	68.6	62.5	18.4	12.0	8.8	4.9	3.7	1.6	1.5	1.0	32.4	19.5	9.0	18.0			
	Girls	62.5	63.3	16.6	9.4	6.9	3.6	2.4	1.3	1.1	.5	27.0	14.8	10.5	21.9			
Perth Amboy, N. J.	Boys	49.2	61.4	21.4	14.3	12.2	5.7	5.0	2.1	2.8	1.0	41.4	23.1	9.4	15.5			
	Girls	54.9	61.4	20.5	14.1	9.6	5.7	2.7	2.0	1.2	1.0	34.0	22.8	11.1	15.8			
Trenton, N. J.	Boys	50.9	69.6	21.0	12.6	11.8	5.2	4.8	1.8	3.7	.5	40.9	20.1	8.2	19.3			
	Girls	57.7	61.2	18.7	11.6	8.5	4.4	3.4	1.3	1.6	.5	32.1	17.7	10.2	21.1			
Auburn, N. Y.	Boys	59.3	65.3	17.8	15.1	8.9	5.7	3.1	1.8	1.5	.6	31.3	23.2	9.4	11.5			
	Girls	61.7	66.3	14.7	12.8	8.4	6.3	2.7	1.5	1.3	.9	27.1	21.5	11.2	12.2			
Newburgh, N. Y.	Boys	53.1	66.1	17.6	12.7	11.0	6.3	4.8	3.3	2.1	2.0	35.5	24.3	11.4	19.6			
	Girls	54.7	66.6	16.9	10.9	7.8	5.8	4.4	2.5	2.2	1.0	31.3	20.2	14.0	23.2			
Watertown, N. Y.	Boys	48.3	61.6	21.7	14.3	11.1	6.7	6.6	2.8	3.9	1.1	46.3	24.9	6.4	13.5			
	Girls	51.3	64.3	22.4	12.2	13.6	6.8	5.3	2.2	2.8	.7	44.1	21.0	4.6	14.7			
Canton, Ohio	Boys	58.3	67.5	18.9	9.8	11.1	4.1	5.7	1.8	2.5	.7	38.2	16.1	2.5	16.4			
	Girls	65.0	68.9	19.6	7.8	7.9	4.7	3.0	.9	1.0	.8	31.5	11.7	2.5	19.4			
Dayton, Ohio	Boys	62.6	62.4	19.8	11.6	9.9	4.1	4.0	.7	2.0	.1	35.7	17.6	1.8	1.1			
	Girls	68.1	63.7	18.8	10.9	7.8	3.7	2.6	1.4	1.1	.1	39.3	16.1	1.6	.2			
Springfield, Ohio	Boys	62.8	66.8	17.7	17.0	9.4	8.3	4.1	3.7	1.8	1.9	32.4	30.9	4.8	2.6			
	Girls	67.8	70.5	16.0	15.1	7.6	6.9	2.6	2.6	.8	1.7	27.0	26.8	5.2	3.2			
Altoona, Pa.	Boys	55.5	69.6	20.9	12.9	12.4	6.4	5.1	2.3	2.6	1.0	40.9	22.6	8.6	17.8			
	Girls	60.5	67.8	20.3	11.3	10.1	4.6	3.3	1.4	1.5	.5	35.3	17.8	4.3	16.4			

TABLE 43.—Percentage of the total number of boys and girls who are of normal age, over normal age, and under normal age for their respective grades in certain cities of 25,000 population and over—GROUP A—(Continued).

Cities.	Sex.	Over age.												Under age.	
		Of normal age.		1 year.		2 years.		3 years.		4 years and more.		Total.		Under age.	
		1918	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
Harrisburg, Pa.	Boys.	61.1	62.2	18.9	13.6	8.7	6.6	3.8	1.5	2.4	1.3	33.8	24.0	5.1	13.8
	Girls.	62.3	64.3	17.6	12.7	7.1	4.9	2.3	2.2	1.4	1.0	28.4	20.8	6.3	14.9
Philadelphia, Pa.	Boys.	53.6	63.6	21.9	14.9	12.5	7.5	6.0	2.9	3.9	1.5	44.2	26.8	2.2	9.6
	Girls.	57.2	64.0	21.1	13.9	11.7	6.5	6.0	2.8	2.6	1.2	40.3	24.1	2.5	11.0
Reading, Pa.	Boys.	60.1	64.3	19.2	13.0	10.6	5.2	3.8	1.9	1.3	3.9	27.4	21.0	5.0	14.7
	Girls.	68.1	64.1	15.9	0.6	6.8	3.2	2.2	1.2	1.5	1.1	27.4	14.4	5.5	19.8
Williamsport, Pa.	Boys.	61.7	60.6	18.2	11.6	8.5	4.5	4.2	2.4	1.9	1.1	32.8	19.6	5.5	19.8
	Girls.	64.2	62.2	18.7	10.4	7.3	4.1	2.4	1.5	1.0	1.7	29.1	16.7	6.4	21.1
York, Pa.	Boys.	67.6	67.3	17.1	17.6	6.8	7.5	3.2	3.3	.9	2.3	28.0	30.6	4.4	2.1
	Girls.	70.8	70.4	14.8	15.9	6.1	6.0	2.1	2.9	.7	1.7	23.7	26.5	5.5	3.1
Tacoma, Wash.	Boys.	62.5	71.7	21.2	14.8	9.4	5.2	3.8	1.4	1.0	.7	35.4	22.1	2.1	6.2
	Girls.	67.3	74.9	20.7	11.0	7.3	3.7	2.1	1.1	.7	.4	30.8	16.2	1.9	8.9
Madison, Wis.	Boys.	69.6	68.3	17.5	12.6	10.3	5.3	3.5	1.8	2.0	.6	33.3	20.3	7.1	11.4
	Girls.	61.6	71.4	10.2	10.4	7.2	3.4	2.0	1.1	.8	.2	26.3	15.1	9.2	13.5

TABLE 44.—Percentage of the total number of boys and girls who are of normal age, over normal age, and under normal age for their respective grades in certain cities having less than 25,000 population—GROUP B.

Cities.	Sex.	Over age.												Under age.	
		Of normal age.		1 year.		2 years.		3 years.		4 years and more.		Total.		Under age.	
		1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
Alameda, Calif.	Boys.	41.3	67.8	25.6	13.3	13.8	4.3	4.6	2.1	3.2	0.9	47.2	20.6	1.5	11.6
	Girls.	35.9	73.2	24.5	10.0	12.1	3.9	3.4	.7	2.0	.4	42.0	15.0	2.1	11.8
Fresno, Calif.	Boys.	45.7	56.3	23.8	20.4	14.4	9.5	7.8	4.4	7.4	4.2	53.4	38.3	.9	5.2
	Girls.	34.0	60.3	22.2	19.2	12.1	9.0	5.6	3.9	4.6	1.9	44.5	34.0	1.5	5.5
Santa Cruz, Calif.	Boys.	54.5	69.3	24.9	9.8	13.0	4.6	5.0	2.2	2.3	.9	45.2	14.6	.8	16.1
	Girls.	61.2	71.7	25.1	10.0	10.2	2.7	1.7	.9	1.6	.0	38.6	13.6	1.2	14.7
Danbury, Conn.	Boys.	50.1	54.0	18.0	6.4	8.4	1.5	2.7	.9	2.3	.1	34.9	11.4	12.8	32.0
	Girls.	52.3	56.6	19.5	7.5	8.9	2.9	4.2	.9	2.3	.1	34.9	11.4	12.8	32.0
Wallingford, Conn.	Boys.	49.4	65.1	10.7	7.2	6.1	2.0	2.8	1.4	.9	.3	20.5	11.5	30.1	23.4
	Girls.	50.7	65.3	9.8	6.8	2.5	2.2	2.4	1.4	.9	.1	14.8	10.2	34.5	24.5
Galesburg, Ill.	Boys.	66.5	68.8	19.9	12.8	6.6	3.8	2.5	1.4	1.4	.3	30.4	18.3	3.1	12.9
	Girls.	71.9	70.5	19.9	9.5	5.5	2.7	2.0	.6	.6	.1	25.0	12.9	8.1	16.6
Macomb, Ill.	Boys.	60.1	64.4	19.9	11.3	16.0	2.9	8.1	.7	3.4	.6	47.4	15.5	2.3	20.1
	Girls.	62.2	53.3	17.8	8.0	11.8	3.8	3.7	1.3	2.5	2.8	35.8	15.9	2.0	30.6
Connersville, Ind.	Boys.	63.0	72.4	17.9	14.5	10.1	5.1	4.3	2.1	2.4	.5	34.7	22.2	1.7	5.4
	Girls.	71.7	76.7	10.6	10.5	7.1	4.3	2.1	1.4	1.0	.3	26.8	16.5	1.5	6.8
East Chicago, Ind.	Boys.	69.3	67.3	20.8	13.3	9.8	6.5	3.6	1.8	1.9	1.2	36.1	21.8	4.6	10.9
	Girls.	58.5	71.5	21.5	11.0	9.5	4.4	3.0	1.1	1.9	.6	35.9	17.1	5.6	11.4
Frankfort, Ind.	Boys.	65.1	71.2	18.6	17.1	9.6	5.3	2.9	.9	1.8	.1	32.9	23.4	2.0	5.4
	Girls.	67.6	79.2	18.7	10.8	8.5	3.6	2.3	.9	.9	.5	30.0	15.8	2.4	5.0
Goshen, Ind.	Boys.	65.1	76.9	21.9	15.2	11.8	6.0	4.3	1.3	2.7	.0	40.7	22.5	4.2	1.2
	Girls.	61.4	81.3	13.6	13.6	6.4	3.3	1.9	.6	.7	.0	22.6	17.6	16.0	1.6
Kokomo, Ind.	Boys.	62.3	60.6	19.6	15.9	11.5	6.2	3.9	3.0	1.7	1.2	36.7	26.3	1.0	4.1
	Girls.	71.1	72.1	10.9	14.3	6.6	6.3	2.7	2.2	.6	.5	26.8	23.3	2.1	4.6
Wabash, Ind.	Boys.	73.0	66.2	14.4	11.6	7.6	3.7	1.9	1.1	1.1	.3	24.0	16.7	2.4	17.1
	Girls.	81.8	70.8	11.5	6.8	2.8	1.9	.1	.7	.1	.1	14.2	9.5	4.0	19.7
Keokuk, Iowa.	Boys.	65.7	69.6	17.3	11.6	9.6	5.8	4.6	2.4	2.8	.8	34.3	20.5	10.0	10.9
	Girls.	65.9	68.6	15.0	11.6	6.0	5.7	2.0	2.0	2.0	.6	25.0	18.8	9.1	21.7
Marshalltown, Iowa.	Boys.	62.0	61.4	24.1	15.6	14.2	8.0	6.0	2.9	2.5	1.6	46.8	28.1	1.2	10.8
	Girls.	69.4	65.1	18.3	12.4	11.8	4.8	5.0	.8	2.7	1.6	38.8	19.6	1.8	15.3
Ottumwa, Iowa.	Boys.	67.3	62.2	17.8	16.0	10.3	6.0	3.3	2.5	1.3	.9	32.7	28.0	10.0	11.8
	Girls.	61.3	62.1	15.9	14.2	7.4	5.4	2.9	1.3	1.2	.4	26.8	21.3	12.2	16.6
Dedham, Mass.	Boys.	50.2	66.1	3.7	8.2	2.1	1.4	.8	.0	.0	.0	7.0	6.6	46.5	38.2
	Girls.	39.9	66.0	3.2	4.8	2.0	1.3	.3	.0	.0	.0	5.8	6.1	54.0	37.9
Gardner, Mass.	Boys.	63.9	66.1	8.6	8.5	7.3	4.3	3.2	.7	1.6	.4	20.7	13.9	25.4	20.0
	Girls.	62.2	67.9	8.0	6.3	5.0	1.8	3.0	.6	1.1	.2	16.1	8.4	31.7	28.7

TABLE 44.—Percentage of the total number of boys and girls who are of normal age, over normal age, and under normal age for their respective grades in certain cities having less than 25,000 population—GROUP B—Continued.

Cities.	Sex.	Over age.											Under age.		
		Of normal age.		1 year.								Total.			
		1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918	1908	1918
Medford, Mass.	Boys	44.9	78.6	5.6	11.3	2.5	4.0	.4	.6	.1	.1	8.6	16.0	41.5	7.4
	Girls	47.8	75.6	5.9	11.3	1.1	2.6	.1	.7	.0	.2	7.1	14.8	45.1	9.6
Wakefield, Mass.	Boys	50.3	66.2	8.2	6.3	2.9	2.0	.7	.8	.4	.0	12.2	9.1	37.5	21.7
	Girls	48.7	64.2	4.0	5.0	2.4	1.3	1.0	.3	.5	.1	7.9	6.7	43.4	29.1
Winchester, Mass.	Boys	51.7	77.9	9.6	8.9	3.8	3.0	.5	1.8	.8	.5	14.7	11.8	33.6	7.3
	Girls	54.1	75.2	6.0	10.2	1.5	3.9	.7	1.2	.1	.3	8.3	15.6	37.6	9.2
Winthrop, Mass.	Boys	55.2	72.0	7.9	8.8	2.3	2.7	.2	.6	.0	.2	10.4	12.3	33.4	15.7
	Girls	54.9	71.1	6.5	6.6	1.0	2.1	.2	.6	.0	.1	7.7	9.4	37.4	19.5
Chaboygan, Mich.	Boys	50.6	52.3	19.3	15.1	11.8	8.9	6.1	3.1	5.2	1.8	42.4	28.9	7.0	18.8
	Girls	56.0	57.7	20.8	13.1	8.5	7.4	3.8	2.5	2.2	1.5	35.3	24.5	8.7	18.8
Iron Mountain, Mich.	Boys	50.2	68.7	24.7	12.6	14.1	6.6	7.3	1.9	2.5	.5	48.6	21.0	1.2	9.7
	Girls	59.8	71.9	24.5	13.0	9.6	3.9	3.0	1.3	.9	.5	38.0	18.7	2.4	9.4
Sault Ste. Marie, Mich.	Boys	51.0	70.5	22.7	12.5	11.2	4.0	5.8	2.0	2.3	.6	42.0	20.0	7.0	9.5
	Girls	48.3	69.4	26.8	13.7	8.4	3.5	5.3	2.0	2.8	.6	51.3	19.8	4.4	10.8
Great Falls, Mont.	Boys	61.5	65.6	19.4	15.9	10.1	7.2	4.2	1.8	2.6	1.1	36.3	28.0	2.2	8.4
	Girls	66.6	69.2	17.6	13.4	8.7	5.5	3.2	1.7	1.7	.5	31.2	21.1	2.2	9.7
Bradenton, N. J.	Boys	50.2	54.1	12.6	10.6	9.3	5.2	4.5	2.0	3.0	.6	29.4	18.4	20.4	27.5
	Girls	49.8	52.9	12.0	9.2	5.3	3.9	2.5	1.6	1.2	.5	21.0	15.2	20.2	31.9
Kearny, N. J.	Boys	56.4	63.7	19.6	11.6	10.1	4.3	2.9	1.0	1.7	.8	34.3	17.7	9.3	18.6
	Girls	59.0	61.5	18.0	10.6	8.3	3.5	3.9	1.2	.8	.3	30.4	15.6	10.6	22.9
Plainfield, N. J.	Boys	53.0	62.5	19.0	13.5	12.8	6.4	6.7	1.8	2.4	.6	40.9	22.3	5.5	15.2
	Girls	53.4	62.8	21.2	12.5	11.5	5.8	4.4	2.3	2.0	.7	39.1	21.3	7.5	15.9
Vineland, N. J.	Boys	26.4	57.7	32.1	18.8	21.8	8.3	12.3	2.6	6.3	1.4	72.5	31.1	1.1	11.2
	Girls	33.1	60.7	30.3	15.3	20.0	6.0	11.0	2.5	3.7	.8	65.0	24.6	11.9	14.7
West Orange, N. J.	Boys	50.1	61.3	21.0	16.0	17.0	6.1	7.3	1.9	3.3	.2	48.6	24.2	1.3	11.5
	Girls	58.1	66.1	19.4	10.9	12.9	4.2	4.6	1.8	1.6	.1	38.5	17.0	3.4	16.0
New Rochelle, N. Y.	Boys	41.8	62.8	24.7	12.0	15.1	3.8	8.0	1.3	3.7	.6	51.5	17.7	3.9	19.5
	Girls	47.6	60.8	24.2	11.2	13.7	4.7	6.2	2.2	4.1	.7	48.2	19.0	4.2	20.2
White Plains, N. Y.	Boys	51.7	57.8	22.3	19.7	12.5	8.4	6.4	3.4	3.6	1.3	44.8	32.8	3.5	9.4
	Girls	52.7	60.9	11.0	19.1	5.7	7.0	2.5	2.4	1.0	2.0	20.2	30.5	27.1	8.6
McAlester, Okla.	Boys	42.4	60.4	18.7	17.7	15.0	8.1	9.7	3.7	12.9	2.4	56.3	31.9	1.3	7.7
	Girls	49.0	59.9	19.8	17.7	14.2	8.6	8.4	3.6	7.4	2.2	49.8	32.0	1.2	8.1
Clearfield, Pa.	Boys	58.1	71.8	20.3	8.8	11.7	3.2	5.9	1.4	1.8	.5	39.7	13.0	2.2	11.3
	Girls	61.1	75.8	18.7	8.1	13.0	2.8	4.1	.9	1.0	.2	36.8	12.0	2.1	12.2
Donora, Pa.	Boys	55.1	59.6	21.7	21.1	14.0	16.2	4.8	6.8	3.4	1.7	43.9	45.8	1.0	3.6
	Girls	67.2	57.4	18.8	18.6	5.7	12.6	1.9	3.6	.2	2.7	26.6	37.5	6.2	5.1
Homestead, Pa.	Boys	53.1	64.3	23.0	16.4	12.0	6.5	6.5	2.1	2.8	.4	44.3	25.6	2.4	10.1
	Girls	62.9	66.9	17.3	13.6	9.3	4.7	4.4	2.1	1.5	.3	32.7	20.7	4.4	12.4
Beloit, Wis.	Boys	61.9	61.4	20.1	8.5	10.3	3.3	3.8	1.1	2.1	.9	30.3	13.8	1.8	24.8
	Girls	65.6	60.0	19.6	6.4	8.1	1.8	3.1	.9	1.3	.7	32.1	9.8	2.3	30.2

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

Cities.	Elementary school grades.								High school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Aurora (east side), Ill.	0	36	37	21	41	44	45	29	55	86	31	30
Chicago, Ill.	5,121	3,584	4,437	4,545	4,741	4,908	4,549	4,303	3,909	2,537	1,256	1,152
Danville, Ill.	0	75	19	80	22	6	11	20	17	17	17	16
Decatur, Ill.	0	199	202	153	130	159	130	147	68	44	36	41
Quincy, Ill.	52	30	30	37	65	40	39	54	42	34	57	42
Rockford, Ill.	239	148	130	154	169	148	119	127	115	115	74	46
Springfield, Ill.	282	135	138	96	101	98	82	86	21	22	13	21
Kansas City, Kans.	78	20	31	34	25	26	47	63	121	111	68	65
Wichita, Kans.	68	117	135	111	111	119	109	112	70	33	33	41
Covington, Ky.	0	10	15	17	25	14	30	16	149	70	79	39
Louisville, Ky.	0	106	114	83	112	140	124	110	196	181	133	137
Fall River, Mass.	1,065	759	583	483	438	395	219	183	236	100	81	81
New Bedford, Mass.	112	83	72	89	77	72	117	69	82	63	84	60
Quincy, Mass.	0	48	106	88	133	143	138	118	108	77	43	43
Battle Creek, Mich.	32	3	9	13	14	65	11	11	19	15	8	9
Bay City, Mich.	24	30	31	32	22	189	35	39	205	80	79	8
Grand Rapids, Mich.	86	56	139	146	145	164	153	141	147	94	61	57



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	66	42	51	57	68	72	44	38	21
Duluth, Minn.	11	26	31	53	49	49	51	38	33	25	13	15
Minneapolis, Minn.	365	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	104	99
Hoboken, N. J.	287	128	100	71	78	67	59	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	180	193	141	112
Paterson, N. J.	768	387	368	332	381	311	283	311	254	215	131	83
Perth Amboy, N. J.	330	118	99	80	82	103	71	96	54	54	48	25
Trenton, N. J.	503	377	333	258	267	261	253	183	217	160	85	66
Auburn, N. Y.	46	43	38	34	48	42	46	36	90	36	19	12
Newburgh, N. Y.	238	123	88	88	83	69	50	49	67	45	25	17
Watertown, N. Y.	123	135	63	100	72	96	86	42	44	0	20	10
Canton, Ohio	328	238	273	252	237	195	167	131	105	73	37	36
Dayton, Ohio	7	8	29	29	31	46	35	23	17	26	14	12
Springfield, Ohio	8	29	29	31	46	35	23	17	26	14	12	14
Altoona, Pa.	301	227	158	151	145	101	81	70	76	80	67	66
Harrisburg, Pa.	267	143	177	181	186	165	173	119	124	65	24	25
Philadelphia, Pa.	4,397	2,314	2,159	1,965	1,938	1,675	1,456	1,408	1,281	756	586	353
Reading, Pa.	390	261	283	314	289	272	208	191	219	152	126	46
Williamsport, Pa.	290	182	154	94	104	115	108	91	43	44	19	13
York, Pa.	0	2	11	70	24	28	20	5	47	12	11	11
Tacoma, Wash.	0	98	97	138	138	112	114	147	118	96	90	79
Madison, Wis.	100	107	95	65	49	71	38	48	19	15	5	12

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	59	58	63	73	48	48	55	16	17	12	5
Fresno, Calif.	35	28	69	79	115	70	26	25	5	2	6	0
Santa Cruz, Calif.	9	18	52	56	48	41	25	16	19	6	14	6
Danbury, Conn.	168	101	96	93	86	66	54	112	82	61	33	33
Wallingford, Conn.	40	77	64	37	40	32	25	81	67	42	33	17
Galesburg, 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	46	83	51	45	14	22	24	25	15
Frankfort, Ind.	0	9	14	10	12	9	15	8	11	10	4	2
Goshen, Ind.	0	1	13	0	4	3	0	0	0	0	0	0
Kokomo, Ind.	0	7	26	23	24	40	27	11	18	18	9	9
Wabash, Ind.	23	60	22	24	25	19	7	34	11	14	13	40
Keokuk, Iowa	128	71	70	42	32	29	33	27	19	20	12	17
Marshalltown, Iowa	82	66	45	33	23	28	22	26	15	17	7	13
Ottumwa, Iowa	121	68	94	76	114	62	61	29	37	10	7	3
Dedham, Mass.	130	85	77	79	81	97	83	100	77	73	23	19
Quincy, Mass.	182	124	92	82	95	65	22	56	27	23	17	6
Medford, Mass.	21	20	21	50	38	40	53	68	114	57	32	39
Wakefield, Mass.	103	78	50	64	51	50	45	68	61	60	40	12
Winchester, Mass.	3	7	6	6	3	14	14	14	49	44	24	25
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	6
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	30	22	10	11
Great Falls, Mont.	53	60	46	64	53	46	30	48	11	6	0	5
Bridgeton, N. J.	168	99	87	66	65	70	78	69	57	45	42	37
Kearny, N. J.	188	87	69	60	88	48	74	49	96	42	33	15
Plainfield, N. J.	118	71	67	80	66	47	33	43	53	40	41	26
Vineyard, N. J.	224	18	8	38	37	29	26	21	12	9	10	7
West Orange, N. J.	68	67	35	41	39	46	29	15	23	13	16	11
New Rochelle, N. Y.	147	113	106	73	100	100	63	115	86	148	67	42
White Plains, N. Y.	21	24	18	19	27	13	23	11	48	24	22	31
MoAlesler, Okla.	0	2	11	14	11	6	30	36	22	6	12	14
Clearfield, Pa.	37	25	28	26	34	28	13	23	19	5	8	3
Donora, Pa.	0	0	30	13	30	6	18	4	5	4	4	4
Homestead, Pa.	106	47	41	31	17	27	9	9	21	16	16	8
Beloit, Wis.	133	89	96	100	100	86	64	72	97	86	69	60



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

Cities.	Elementary school grades.								High school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Aurora (east side) Ill.....	0.0	13.4	11.3	8.9	10.6	20.7	16.7	18.1	25.2	29.8	28.4	29.1
Chicago, Ill.....	8.5	9.3	11.7	12.2	13.6	15.8	17.2	19.5	25.1	27.9	29.1	32.2
Danville, Ill.....	.0	6.2	4.7	4.2	7.9	6.3	2.2	5.3	5.7	10.2	16.0	17.0
Decatur, Ill.....	.0	20.4	22.9	19.0	19.9	20.8	21.5	23.4	27.3	23.8	32.8	19.3
Quincy, Ill.....	6.9	6.0	6.1	7.2	11.3	9.4	10.1	17.2	17.3	23.8	32.8	25.6
Rockford, Ill.....	19.6	16.2	13.9	18.6	17.4	15.8	13.7	19.0	21.1	20.8	35.9	32.0
Springfield, Ill.....	18.5	12.3	12.6	8.9	10.2	10.9	10.4	12.7	4.7	6.7	6.8	11.1
Kansas City, Kans.....	2.7	1.0	1.6	1.7	1.6	1.8	3.7	6.5	16.7	19.9	26.7	21.0
Wichita, Kans.....	4.0	8.4	9.6	7.6	8.4	10.9	9.6	13.4	6.2	7.7	13.5	11.9
Covington, Ky.....	.0	1.2	2.0	2.6	3.8	2.8	6.6	5.0	51.0	51.9	67.0	75.0
Louisville, Ky.....	.0	2.8	3.2	2.3	3.5	5.1	5.7	6.8	14.6	19.6	22.8	28.5
Fall River, Mass.....	43.8	26.0	27.8	23.2	22.6	24.7	23.7	27.3	43.2	31.3	33.1	31.8
New Bedford, Mass.....	4.2	3.6	3.3	4.3	4.2	5.0	11.6	10.2	21.2	23.0	34.7	32.4
Quincy, Mass.....	.0	5.4	12.1	10.2	17.0	18.4	22.6	24.3	25.1	25.9	22.1	29.1
Battle Creek, Mich.....	3.3	.5	1.8	2.5	2.4	14.7	2.8	3.6	4.8	5.7	3.6	7.9
Bay City, Mich.....	4.1	5.0	5.2	5.2	3.8	34.1	6.8	10.6	37.9	34.2	47.0	5.0
Grand Rapids, Mich.....	4.4	3.7	7.9	8.8	9.5	11.0	10.6	0.6	10.4	13.0	11.4	7.6
Saginaw (east side), Mich.....	15.1	15.0	14.7	13.3	9.4	12.4	13.7	20.2	22.3	21.2	25.5	23.3
Duluth, Minn.....	.6	1.5	1.7	3.2	3.2	3.3	3.0	3.3	3.5	4.7	4.1	5.6
Minneapolis, Minn.....	5.0	6.1	9.1	10.5	13.1	13.3	14.7	16.5	21.2	20.6	22.4	21.5
St. Louis, Mo.....	1.1	4.0	4.8	4.8	5.3	6.6	10.6	12.4	19.1	18.0	20.4	18.4
East Orange, N. J.....	14.9	14.3	17.5	17.8	18.9	21.3	31.5	26.2	30.4	40.3	36.6	36.4
Hoboken, N. J.....	15.0	8.1	6.7	5.2	6.8	10.8	9.1	2.5	14.0	15.9	12.8	26.7
Orange, N. J.....	15.3	13.6	12.7	11.4	6.6	10.8	11.7	17.7	65.8	72.3	72.7	59.9
Passaic, N. J.....	16.9	10.1	8.8	10.4	8.5	11.9	11.7	17.7	34.8	41.9	38.3	28.1
Paterson, N. J.....	25.9	16.4	15.2	14.5	16.3	15.4	17.3	23.9	34.8	35.1	46.2	34.2
Perth Amboy, N. J.....	19.1	11.6	10.0	9.2	9.9	14.3	17.0	28.2	39.0	38.7	28.7	35.4
Trenton, N. J.....	20.2	19.0	16.6	14.7	16.6	19.8	24.1	33.1	33.1	38.7	28.7	33.3
Auburn, N. Y.....	8.2	8.5	8.2	-7.6	11.6	10.6	12.9	16.0	22.6	17.6	15.7	17.3
Newburgh, N. Y.....	30.3	23.5	17.5	15.5	17.8	16.8	15.2	18.5	25.5	31.0	21.7	37.3
Watertown, N. Y.....	16.6	14.4	9.5	13.9	10.9	14.8	16.9	16.5	19.3	0.0	14.8	10.2
Canton, Ohio.....	20.3	17.8	10.3	18.4	17.5	16.5	16.4	17.3	17.6	16.6	18.2	14.1
Dayton, Ohio.....	.5	2.5	2.3	2.8	4.2	3.8	3.0	3.0	2.3	9.0	1.1	0.0
Springfield, Ohio.....	.5	2.5	2.3	2.8	4.2	3.8	3.0	3.0	2.3	9.0	1.1	0.0
Altoona, Pa.....	27.9	22.7	16.3	14.2	13.9	11.3	11.7	12.1	20.6	27.1	28.9	33.3
Harrisburg, Pa.....	16.3	11.3	15.3	13.4	14.1	13.2	17.9	13.8	16.7	14.8	8.4	10.4
Philadelphia, Pa.....	14.1	8.8	7.9	7.2	7.9	8.2	9.9	13.2	18.9	18.6	21.1	17.9
Reading, Pa.....	17.7	15.4	16.6	16.5	14.8	13.3	19.3	22.3	32.9	33.3	30.3	17.2
Williamsport, Pa.....	36.4	26.5	23.6	15.3	15.8	18.0	18.7	20.2	10.9	13.8	9.4	8.2
York, Pa.....	.0	.2	1.3	10.0	2.5	2.8	4.2	3.9	2.8	28.3	10.6	9.7
Tacoma, Wash.....	.0	5.4	5.6	7.8	8.0	7.4	8.0	12.0	11.1	15.2	10.1	23.5
Madison, Wis.....	16.5	19.2	17.2	12.6	10.4	16.4	9.7	13.5	6.4	4.8	2.1	5.7

TABLE 48.—Percentage 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.....	8.0	14.4	13.3	13.5	16.4	11.9	13.3	17.0	4.4	7.5	8.8	3.6
Fresno, Calif.....	2.2	3.0	8.1	8.8	11.3	9.8	3.8	4.8	7.7	6.6	2.6	0.0
Santa Cruz, Calif.....	4.0	10.2	25.2	27.9	22.9	10.5	13.9	11.9	11.2	4.8	14.4	7.8
Danbury, Conn.....	40.2	33.3	20.6	28.4	29.1	25.1	23.8	59.3	43.4	51.7	37.0	42.0
Wallingford, Conn.....	14.1	28.2	24.5	14.7	18.4	10.6	16.3	26.5	44.7	46.7	52.4	38.5
Galesburg, Ill.....	.0	1.3	2.7	3.0	24.0	19.1	23.8	21.0	22.6	20.2	24.5	22.7
Macomb, Ill.....	38.9	22.8	28.2	25.3	21.6	20.7	23.3	17.5	32.6	18.0	25.0	30.0
Connersville, Ind.....	.0	3.9	5.8	3.2	9.4	7.9	5.9	4.5	9.0	6.9	9.2	13.6
East Chicago, Ind.....	.3	7.6	7.1	9.5	17.8	15.3	16.2	7.3	21.8	40.0	55.8	38.5
Frankfort, Ind.....	.0	4.1	6.5	4.7	6.3	4.1	9.8	5.5	7.0	9.0	5.6	3.4
Goshen, Ind.....	.0	.7	6.8	.0	2.7	2.3	.0	.0	.0	.0	.0	.0
Kokomo, Ind.....	.0	1.4	4.5	4.2	4.6	8.8	6.7	4.8	6.3	10.3	7.6	7.6
Wabash, Ind.....	9.8	41.2	11.8	11.8	16.4	9.4	5.2	25.0	12.6	22.6	27.1	24.6
Keokuk, Iowa.....	35.8	21.9	23.6	16.1	13.0	15.6	16.6	18.9	12.6	23.0	16.0	31.8
Mansfield, Iowa.....	19.7	17.4	13.2	10.1	7.8	9.8	11.9	13.1	9.0	16.3	7.6	18.5
Ottumwa, Iowa.....	21.7	9.8	18.9	13.8	23.2	12.4	15.1	8.3	8.4	7.3	6.4	4.2
Dedham, Mass.....	41.0	29.6	31.4	36.6	35.2	39.1	43.7	37.2	43.5	57.8	38.4	33.3
Gardner, Mass.....	48.2	41.5	33.8	28.7	38.0	31.4	18.2	46.7	38.2	16.9	16.3	8.6
Medford, Mass.....	2.5	3.2	3.3	7.4	5.6	6.6	6.6	10.4	13.5	12.6	18.4	14.6
Wakarusa, Mass.....	28.1	20.7	20.4	20.8	20.8	23.8	24.7	31.7	34.1	43.9	31.0	34.6
Winchester, Mass.....	1.7	4.2	3.1	3.5	16.1	7.4	9.6	10.0	10.3	13.0	14.0	12.9
Winthrop, Mass.....	10.8	12.4	11.4	14.5	17.1	27.6	23.1	23.1	24.3	15.4	17.9	15.9

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

Cities.	Elementary school grades.								High school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Chobogau, Mich.	33.0	24.3	15.2	10.0	12.0	19.7	11.1	10.6	15.2	15.3	14.0	14.5
Iron Mountain, Mich.	4.7	5.0	28.3	10.8	3.4	3.4	1.0	1.6	3.4	5.4	15.9	6.7
Sault Ste. Marie, Mich.	1.8	1.4	11.7	9.1	13.9	13.0	15.4	9.4	16.0	14.1	9.8	16.9
Great Falls, Mont.	7.9	11.0	9.5	12.7	10.0	10.0	7.3	11.4	3.1	4.4	0	7.1
Bridgeton, N. J.	30.0	35.4	25.4	20.5	22.6	28.1	29.0	29.2	29.7	37.8	39.6	38.5
Kearney, N. J.	28.2	17.5	14.2	11.5	16.4	13.2	24.1	21.4	32.3	31.6	37.9	40.5
Pinefield, N. J.	17.0	14.3	12.6	10.3	10.6	11.8	13.3	17.9	19.3	19.2	31.1	22.2
Vineand, N. J.	25.4	4.3	2.4	8.9	9.6	10.2	12.3	14.0	9.9	11.5	22.2	13.2
West Orange, N. J.	16.6	17.7	11.0	13.0	13.4	14.4	11.9	15.0	23.0	31.0	35.6	30.6
New Rochelle, N. Y.	15.4	15.6	14.4	10.9	16.2	18.6	18.4	29.9	24.7	59.2	32.2	50.6
White Plains, N. Y.	5.3	5.3	3.5	5.0	7.8	5.4	9.0	0	16.1	20.1	26.9	22.2
McAlester, Okla.	0	9	4.8	5.7	5.6	3.0	14.2	21.4	18.8	6.5	21.5	42.4
Clearfield, Pa.	15.2	11.1	12.6	13.9	18.9	16.4	9.2	19.0	11.2	8.0	9.5	5.6
Donora, Pa.	0	0	10.4	4.0	8.5	2.4	6.6	2.4	7.1	9.5	15.4	15.4
Honestead, Pa.	21.2	10.7	10.9	7.4	4.8	9.9	5.5	6.3	9.3	14.4	21.6	22.5
Beloit, Wis.	30.1	22.7	24.2	28.0	24.8	25.0	21.1	26.2	33.4	43.2	38.7	30.1

TABLE 49.—Percentage of pupils over age for their respective grades in certain cities of 25,000 population and over, 1918—GROUP A.

Cities.	Elementary school grades.								High-school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Aurora (east side), Ill.	8.0	5.2	12.0	18.6	31.3	13.6	13.4	11.7	11.9	13.2	10.1	0.0
Chicago, Ill.	7.8	12.6	16.8	20.1	23.9	21.9	16.2	11.8	12.2	10.9	10.3	9.1
Panville, Ill.	9.8	16.3	33.9	33.7	34.8	33.2	31.3	26.2	23.5	24.1	21.7	18.1
Deatur, Ill.	5.3	7.3	10.6	14.9	16.8	15.8	15.9	9.2	16.1	19.4	22.1	12.3
Quincy, Ill.	10.9	21.2	21.4	27.0	30.3	28.1	26.8	13.7	12.3	7.6	8.0	6.9
Rockford, Ill.	6.4	9.8	15.3	17.1	20.1	21.4	22.7	13.5	8.8	15.8	17.1	8.2
Springfield, Ill.	8.5	16.0	21.8	28.3	28.2	25.3	20.8	12.0	20.8	20.1	27.4	19.0
Kansas City, Kans.	27.0	41.3	45.8	49.3	52.3	46.9	37.3	32.0	17.2	15.9	11.2	14.7
Wichita, Kans.	12.7	19.7	20.7	34.5	33.1	37.2	37.5	26.1	34.8	32.4	27.5	23.1
Covington, Ky.	16.0	21.5	39.1	41.3	40.6	33.9	29.0	16.8	6.8	4.4	4.2	1.9
Louisville, Ky.	21.4	35.7	41.9	46.2	49.8	45.6	38.3	28.2	19.8	18.8	16.3	10.4
Fall River, Mass.	10.4	17.3	2.6	34.2	35.3	23.0	9.3	6.0	5.5	7.8	8.6	4.3
New Bedford, Mass.	16.6	20.9	36.9	41.2	41.2	35.8	16.7	20.2	11.4	14.2	10.7	10.3
Quincy, Mass.	3.1	4.6	5.9	9.1	10.5	10.8	9.2	6.8	10.9	10.8	9.7	4.7
Battle Creek, Mich.	16.2	29.7	36.0	40.9	41.4	31.0	44.2	37.3	31.0	32.3	28.5	32.5
Bay City, Mich.	12.7	18.6	32.6	35.3	41.5	17.7	38.1	27.8	12.3	31.2	4.8	0
Grand Rapids, Mich.	7.6	11.0	15.3	19.5	21.9	23.8	25.1	28.7	26.3	21.9	13.2	31.7
Saginaw (east side), Mich.	6.2	12.5	17.6	21.0	25.1	27.7	21.2	14.3	9.9	4.1	7.4	8.9
Duluth, Minn.	14.0	10.4	26.3	30.6	34.0	39.7	42.6	43.8	34.6	32.5	35.6	27.0
Minneapolis, Minn.	5.1	10.2	12.8	15.5	17.7	20.0	19.4	15.7	12.9	13.1	10.8	10.6
St. Louis, Mo.	17.3	23.6	27.5	35.1	36.2	31.6	25.0	21.0	19.1	18.1	16.8	15.9
East Orange, N. J.	7.7	11.6	13.6	17.2	20.1	21.8	16.2	11.2	14.4	5.8	8.6	8.8
Irishoken, N. J.	11.0	26.8	33.3	43.8	44.0	37.6	27.1	14.9	13.8	12.0	14.7	2.7
Orange, N. J.	12.7	16.4	28.4	30.5	43.5	34.5	50.0	51.7	18.9	25.6	15.4	8.9
Passaic, N. J.	12.8	19.4	24.5	28.1	35.7	29.9	17.4	12.8	2.9	3.4	1.5	4.8
Paterson, N. J.	7.8	14.3	18.0	20.2	28.8	25.7	17.6	8.0	4.7	7.4	4.7	7.8
Perth Amboy, N. J.	11.6	21.9	30.2	39.7	36.8	28.4	18.9	6.8	5.4	8.4	6.7	6.8
Trenton, N. J.	15.8	12.0	23.5	29.8	29.7	24.5	15.6	11.1	7.9	14.1	16.1	10.4
Albany, N. Y.	8.2	19.0	27.4	25.8	26.7	32.2	29.7	16.0	10.5	25.4	21.6	5.6
Newburgh, N. Y.	12.0	19.9	30.2	34.3	31.4	32.6	23.3	12.8	8.0	6.2	13.9	4.4
Watertown, N. Y.	33.1	17.1	25.6	30.1	32.1	30.4	23.7	23.2	6.1	10.4	10.4	16.3
Canton, Ohio.	4.6	10.4	13.7	17.0	22.0	20.1	18.4	11.0	11.4	10.5	7.9	11.4
Dayton, Ohio.	2.4	2.2	18.8	24.7	17.1	27.0	20.8	10.8	20.5	21.3	15.5	32.9
Springfield, Ohio.	14.6	20.9	33.9	35.1	42.3	38.2	34.2	29.2	10.0	16.4	22.4	8.4
Altoona, Pa.	5.0	13.0	18.6	24.2	29.9	34.2	30.7	19.6	12.5	10.5	11.2	8.5
Harrisburg, Pa.	12.8	18.7	21.1	29.4	30.7	30.6	25.3	20.6	13.3	17.7	20.7	18.3
Philadelphia, Pa.	10.1	33.9	28.7	32.6	38.3	37.5	24.0	18.1	14.4	10.2	13.8	12.6
Reading, Pa.	6.0	13.1	15.7	22.6	30.7	31.1	10.4	7.4	12.3	11.4	14.9	17.6
Williamsport, Pa.	7.3	10.5	16.8	18.1	26.9	22.5	18.9	14.0	21.5	30.9	30.7	36.5
York, Pa.	20.2	24.3	29.3	36.5	39.7	34.5	30.9	20.8	16.1	12.0	8.8	15.9
Tacoma, Wash.	6.9	14.0	19.9	23.6	26.4	20.2	28.3	20.1	18.1	16.7	14.3	3.8
Madison, Wis.	3.1	5.0	12.5	24.0	20.3	19.3	28.8	16.7	25.9	23.1	35.5	26.8

TABLE 50.—Percentage 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.	5.8	8.3	15.1	18.6	19.8	21.4	23.8	21.1	26.8	22.1	19.9	23.6
Fresno, Calif.	22.3	30.2	31.8	29.9	32.8	36.6	46.5	39.2	61.7	59.6	51.5	60.2
Santa Cruz, Calif.	3.1	13.0	15.5	12.4	14.8	15.7	20.0	6.7	18.8	16.7	16.5	23.4
Danbury, Conn.	5.3	5.3	11.1	16.2	16.8	17.1	7.9	3.7	5.8	4.2	9.2	5.2
Wallingford, Conn.	3.5	7.0	13.4	18.3	19.8	16.6	14.4	7.7	3.4	3.3	1.2	1.2
Galesburg, Ill.	17.6	17.5	17.8	21.9	13.0	17.7	16.6	15.5	8.6	8.5	8.7	16.6
Macomb, Ill.	14.1	8.7	14.6	15.8	16.5	25.9	29.1	16.5	10.7	10.2	8.3	6.7
Connersville, Ind.	8.5	15.0	16.9	26.8	25.1	35.1	19.1	9.1	19.0	19.4	13.8	16.9
East Chicago, Ind.	7.5	19.1	20.5	27.4	24.9	27.3	19.8	25.7	12.9	1.5	2.6	2.6
Frankfort, Ind.	3.9	10.4	11.2	25.7	22.4	32.1	25.3	20.5	32.5	19.8	22.5	13.8
Goshen, Ind.	10.3	11.3	20.4	21.7	29.3	28.2	33.0	32.9	10.8	17.6	5.5	5.4
Kokomo, Ind.	8.9	25.7	30.0	35.8	39.4	27.9	27.9	21.5	17.4	12.0	22.7	21.2
Wnabash, Ind.	3.0	4.6	12.9	19.7	13.2	27.7	39.3	5.9	18.4	9.7	10.4	1.5
Keokuk, Iowa.	19.8	27.2	18.9	26.1	27.6	25.8	29.0	18.9	13.2	6.9	9.3	10.5
Marshalltown, Iowa.	10.1	14.3	20.5	22.1	35.4	32.6	31.1	30.3	30.1	25.0	30.4	19.5
Ottumwa, Iowa.	8.2	14.9	17.5	23.4	29.2	25.3	35.3	32.2	25.1	27.7	33.6	33.3
Dedham, Mass.	2.2	6.4	5.3	6.9	10.9	11.3	7.0	5.2	1.1	1.5	7.0	11.3
Gardner, Mass.	3.8	8.0	9.0	22.1	13.6	10.6	6.0	1.7	18.9	13.2	26.2	11.3
Medford, Mass.	7.5	8.3	12.7	12.2	22.4	22.0	22.1	20.0	17.6	15.5	13.0	14.9
Wakefield, Mass.	2.2	6.0	7.0	13.4	15.9	8.0	6.6	5.0	9.5	7.2	6.2	9.8
Winchester, Mass.	7.1	11.5	12.9	14.0	23.2	15.8	18.5	16.4	24.3	19.8	23.3	23.3
Winthrop, Mass.	7.1	7.8	10.3	5.9	7.9	10.4	16.7	14.2	10.5	18.0	12.9	15.7
Cheboygan, Mich.	12.7	22.9	32.0	37.0	37.0	35.4	26.7	33.3	20.3	27.1	25.6	11.1
Iron Mountain, Mich.	11.5	15.8	13.7	20.4	20.5	31.0	73.0	10.5	31.0	29.3	17.1	11.1
Sault Ste. Marie, Mich.	12.6	18.7	22.1	26.1	20.3	26.1	31.2	20.3	11.7	10.9	12.1	18.5
Great Falls, Mont.	13.9	16.4	19.1	19.1	27.8	28.2	27.6	20.8	42.0	37.8	30.1	21.3
Bridgeton, N. J.	6.7	15.6	22.8	24.2	29.2	25.3	20.1	9.9	8.3	5.9	9.4	5.2
Kearny, N. J.	8.0	11.1	18.4	22.2	28.0	23.3	18.9	15.9	8.1	13.5	11.5	11.5
Plainfield, N. J.	10.5	19.5	21.2	25.3	31.2	31.5	27.3	22.9	16.4	21.2	15.9	10.3
Vineland, N. J.	17.3	31.3	31.3	39.4	35.1	32.5	19.3	21.3	27.3	25.6	20.7	9.4
West Orange, N. J.	8.1	10.9	15.3	25.0	31.7	32.6	33.6	23.0	11.0	10.3	8.9	16.7
New Rochelle, N. Y.	0.4	16.7	16.8	25.0	26.9	27.9	26.3	14.5	20.7	6.4	17.8	6.0
White Plains, N. Y.	26.0	36.2	33.2	37.8	36.0	35.5	37.1	29.6	23.4	20.3	20.2	12.3
McAlester, Okla.	8.6	21.2	19.8	15.0	8.3	11.9	3.5	4.9	16.6	17.2	13.1	11.1
Clearfield, Pa.	7.0	31.9	38.4	35.9	34.5	30.0	38.2	24.7	32.5	32.6	15.1	12.1
Donora, Pa.	8.6	21.2	19.8	15.0	8.3	11.9	3.5	4.9	16.6	17.2	13.1	11.1
Homestead, Pa.	20.3	31.9	30.8	46.6	56.1	59.8	53.1	53.0	35.7	19.0	12.3	5.9
Beloit, Wis.	7.2	13.9	23.7	37.5	39.6	32.4	32.7	19.7	8.8	10.8	12.3	9.0
Beloit, Wis.	8.6	22.1	15.1	12.7	19.1	14.8	12.2	13.3	5.2	3.6	5.1	9.0

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

Cities.	Elementary school grades.								High-school years.			
	1	2	3	4	5	6	7	8	1	2	3	4
Aurora (east side), Ill.	21	11	42	44	46	20	30	21	26	16	11	0
Chicago, Ill.	4,687	4,821	6,392	7,494	8,317	6,796	4,302	2,614	1,695	989	445	327
Duquoin, Ill.	49	66	137	155	133	116	84	54	89	40	23	17
Decatur, Ill.	45	61	93	120	110	121	96	53	80	61	50	26
Quincy, Ill.	82	107	104	139	147	120	103	43	30	10	14	9
Rockford, Ill.	78	89	143	142	196	200	197	90	48	87	49	15
Springfield, Ill.	139	176	238	309	279	227	165	87	93	66	52	36
Kansas City, Kans.	752	789	872	975	799	694	475	309	125	93	37	45
Wichita, Kans.	214	274	374	503	438	408	426	217	224	138	69	68
Covington, Ky.	173	266	290	272	264	171	131	64	20	6	1	1
Louisville, Ky.	1,198	1,319	1,483	1,663	1,615	1,261	830	460	296	173	85	50
Fall River, Mass.	253	365	530	682	684	368	86	40	30	25	21	11
New Bedford, Mass.	443	687	806	854	759	516	168	137	44	39	26	19
Quincy, Mass.	29	39	52	79	82	84	56	33	47	32	19	7
Battle Creek, Mich.	155	176	182	216	242	144	173	114	122	85	47	37
Bay City, Mich.	104	113	194	218	248	98	185	102	86	73	8	8
Grand Rapids, Mich.	150	167	260	323	333	354	362	422	371	159	103	72
Saginaw (east side), Mich.	38	60	85	104	112	114	88	48	32	9	11	11
Duluth, Minn.	279	342	472	513	517	595	607	423	360	172	114	142
Minneapolis, Minn.	331	566	658	774	861	916	821	616	402	307	172	142
St. Louis, Mo.	1,836	2,298	2,758	3,741	3,241	2,347	1,606	1,180	725	360	209	153
East Orange, N. J.	65	98	101	130	166	138	119	75	65	21	26	24
Hoboken, N. J.	212	424	496	624	612	351	156	63	41	14	21	3
Orange, N. J.	103	69	179	165	301	159	154	123	27	21	6	4
Passaic, N. J.	217	298	307	395	409	315	122	65	7	9	3	9
Paterson, N. J.	221	340	436	699	673	520	237	404	34	17	17	28

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.	290	223	269	334	313	205	79	23	16	13	7	5
Trenton, N. J.	435	300	471	522	478	322	165	84	52	76	48	20
Yuburn, N. Y.	48	107	127	119	111	123	106	35	66	52	22	2
Newburgh, N. Y.	103	104	152	194	143	134	77	31	21	9	16	2
Watertown, N. Y.	101	126	170	210	211	197	121	59	14	37	14	16
Canton, Ohio	54	139	194	232	299	238	187	83	63	46	16	29
Dayton, Ohio	56	55	403	622	365	487	381	278	184	110	127	229
Springfield, Ohio	215	241	426	392	465	354	261	194	105	51	51	12
Altoona, Pa.	54	120	161	263	314	306	213	133	46	31	26	16
Harrisburg, Pa.	211	237	241	396	405	384	244	177	99	78	59	44
Philadelphia, Pa.	3,151	5,515	7,799	8,916	8,938	7,671	3,525	1,925	987	657	384	219
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	68	98	50	27	33	97
Fresno, Calif.	362	280	271	209	334	261	315	205	428	106	110	97
Santa Cruz, Calif.	7	23	32	25	31	33	30	9	32	21	16	18
Danbury, Conn.	22	16	30	53	49	45	18	7	11	5	8	4
Wallingford, Conn.	10	19	33	48	43	32	22	9	4	3	3	4
Galesburg, Ill.	131	56	60	81	53	76	60	00	26	21	18	30
Macon, Ill.	21	11	15	15	16	30	25	16	8	6	3	2
Cannonsville, Ind.	15	28	29	42	43	53	28	8	19	14	9	10
East Chicago, Ind.	45	101	107	130	116	91	55	48	13	13	1	1
Frankfort, Ind.	7	23	24	55	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
Wubash, Ind.	7	9	24	40	20	50	26	8	16	6	5	7
Krookuk, Iowa	39	88	56	68	68	48	43	27	20	6	15	13
Marshalltown, Iowa	42	40	70	72	111	93	63	60	50	28	28	28
Ottumwa, Iowa	42	88	87	143	143	126	189	112	110	38	37	24
Dedham, Mass.	7	18	13	15	25	28	15	14	2	1	1	4
Gardner, Mass.	15	24	25	66	34	22	10	2	28	18	21	8
Medford, Mass.	62	52	81	83	152	133	113	86	168	48	29	36
Wakfield, Mass.	8	17	17	32	39	18	12	10	17	10	8	8
Winchester, Mass.	15	24	20	24	39	30	27	23	25	17	10	10
Winthrop, Mass.	19	17	27	13	10	25	37	30	19	25	18	19
Cheboygan, Mich.	27	32	40	37	34	52	24	22	10	16	11	3
Iron Mountain, Mich.	27	38	62	55	48	72	66	13	45	27	12	5
Sault Ste. Marie, Mich.	86	52	57	63	51	62	69	41	25	17	12	12
Great Falls, Mont.	94	89	83	96	147	129	113	62	149	51	15	17
Bridgeton, N. J.	27	51	78	66	84	63	54	20	16	7	10	5
Kearny, N. J.	53	65	89	97	150	125	41	58	32	25	18	10
Plainfield, N. J.	73	97	128	138	136	125	41	58	32	25	18	10
Vineland, N. J.	153	143	113	109	135	92	41	55	45	44	21	13
West Orange, N. J.	33	35	45	79	92	104	82	27	20	12	4	5
New Rochelle, N. Y.	61	121	124	171	166	163	60	58	72	16	37	6
White Plains, N. Y.	104	163	143	143	125	86	95	63	66	30	20	10
McAlester, Okla.	68	74	88	88	68	100	81	38	60	30	8	8
Clearfield, Pa.	21	48	36	27	15	19	5	7	28	16	4	6
Donora, Pa.	79	89	106	161	174	150	104	87	25	25	38	8
Homestead, Pa.	36	61	112	158	141	88	54	25	20	12	8	2
Beloit, Wis.	38	44	60	49	77	61	37	39	15	7	7	12

TABLE 53.—Percentage relation between the largest age group and the number found in each grade in certain cities of 25,000 population and over, 1918—GROUP A.

Cities.	Sex.	Year.	Largest age group.	Elementary school grades.								High-school years.			
				1	2	3	4	5	6	7	8	1	2	3	4
Aurora (east side), Ill.	Boys..	1908	136	152	93	98	81	72	73	107	93	58	34	31	15
	Girls..	1908	133	135	92	80	97	79	64	92	35	66	43	36	24
Chicago, Ill.	Boys..	1908	135	84	87	114	87	90	71	94	66	83	51	38	49
	Girls..	1908	12,652	162	126	133	116	108	87	69	56	24	12	8	5
Danville, Ill.	Boys..	1908	21,180	147	93	91	91	84	74	61	50	35	20	10	8
	Girls..	1908	12,246	146	119	131	113	107	89	76	64	30	17	10	7
Decatur, Ill.	Boys..	1908	20,327	142	93	93	89	84	76	67	57	40	24	11	9
	Girls..	1908	229	176	125	134	142	98	68	54	41	27	15	16	14
Quincy, Ill.	Boys..	1908	194	142	107	108	123	109	94	58	43	64	41	20	17
	Girls..	1908	229	176	119	130	105	94	75	71	50	35	23	18	11
Rockford, Ill.	Boys..	1908	193	117	107	101	110	89	96	80	64	112	45	35	31
	Girls..	1908	241	133	123	119	129	101	84	63	43	22	24	15	18
Springfield, Ill.	Boys..	1908	433	103	96	101	88	77	96	62	62	60	34	19	14
	Girls..	1908	254	118	115	145	127	94	96	79	49	32	27	21	21
Kansas City, Kans.	Boys..	1908	207	171	126	147	117	89	72	67	41	23	25	14	12
	Girls..	1908	247	106	102	102	102	109	88	80	47	43	23	14	20
Wichita, Kans.	Boys..	1908	185	169	132	131	113	102	84	72	65	56	28	29	24
	Girls..	1908	259	138	97	93	102	83	81	73	76	53	29	41	31
Covington, Ky.	Boys..	1908	346	144	124	113	118	103	85	66	44	35	30	25	11
	Girls..	1908	426	142	110	113	99	122	110	95	78	58	62	30	19
Louisville, Ky.	Boys..	1908	337	128	111	113	115	111	98	80	51	47	30	30	17
	Girls..	1908	455	135	97	100	90	100	103	101	74	65	63	33	27
Fall River, Mass.	Boys..	1908	350	135	120	120	116	100	78	61	43	44	22	11	10
	Girls..	1908	501	133	112	110	116	96	85	77	62	43	26	14	15
New Bedford, Mass.	Boys..	1908	350	130	120	114	115	82	77	60	54	46	29	25	15
	Girls..	1908	485	136	111	111	106	105	97	84	75	48	41	24	24
Quincy, Mass.	Boys..	1908	478	201	138	122	120	98	79	62	45	37	18	14	13
	Girls..	1908	840	170	119	114	120	90	81	72	53	36	31	18	13
Saginaw (east side), Mich.	Boys..	1908	469	200	125	129	126	103	92	78	72	62	33	27	22
	Girls..	1908	899	150	101	106	108	86	89	74	59	47	37	20	22
Duluth, Minn.	Boys..	1908	289	185	114	123	129	110	91	71	57	43	17	11	10
	Girls..	1908	633	140	119	115	119	108	83	85	60	41	30	14	17
Grand Rapids, Mich.	Boys..	1908	342	151	95	108	112	100	103	72	67	44	29	21	14
	Girls..	1908	593	135	107	114	119	111	94	101	77	65	40	27	31
Bay City, Mich.	Boys..	1908	213	136	138	110	113	82	74	55	31	28	13	15	7
	Girls..	1908	327	168	119	118	106	98	74	65	41	39	18	11	9
Fall River, Mass.	Boys..	1908	198	128	121	126	121	97	92	63	41	39	18	11	5
	Girls..	1908	355	150	116	100	88	93	74	69	53	46	22	23	16
New Bedford, Mass.	Boys..	1908	1,280	183	129	125	118	102	80	64	52	32	22	14	10
	Girls..	1908	1,534	188	129	116	121	105	86	65	45	40	25	15	9
Quincy, Mass.	Boys..	1908	1,389	147	110	112	105	90	90	66	62	38	23	19	13
	Girls..	1908	1,502	182	120	117	117	109	96	78	62	48	36	24	22
Fall River, Mass.	Boys..	1908	839	183	122	119	118	85	68	45	34	18	12	10	6
	Girls..	1908	831	148	129	121	118	116	99	53	36	32	17	13	12
New Bedford, Mass.	Boys..	1908	823	147	125	124	120	118	94	59	45	34	22	17	19
	Girls..	1908	713	134	116	107	84	76	65	42	28	14	8	6	3
Quincy, Mass.	Boys..	1908	923	153	129	123	113	99	77	57	37	18	13	10	9
	Girls..	1908	614	151	124	112	110	105	77	56	35	17	14	9	8
Fall River, Mass.	Boys..	1908	892	142	124	117	115	104	82	54	37	25	17	17	11
	Girls..	1908	365	130	110	101	67	97	115	84	66	48	27	17	13
Fall River, Mass.	Boys..	1908	435	100	99	101	102	90	90	70	57	47	29	21	15
	Girls..	1908	347	138	106	97	65	96	120	81	62	47	28	18	16
Fall River, Mass.	Boys..	1908	452	100	99	96	94	89	86	67	53	50	38	23	18
	Girls..	1908	165	124	107	120	122	106	82	82	49	61	27	21	10
Fall River, Mass.	Boys..	1908	272	183	97	93	94	107	84	75	56	64	39	25	14
	Girls..	1908	147	106	91	119	89	85	90	84	63	70	29	31	31
Fall River, Mass.	Boys..	1908	284	162	115	89	96	104	33	66	47	42	22	13	9
	Girls..	1908	320	183	118	98	85	93	82	62	47	77	55	35	27
Fall River, Mass.	Boys..	1908	332	127	92	98	92	92	90	80	48	96	56	26	20
	Girls..	1908	277	186	119	94	98	88	100	71	73	51	30	25	17
Fall River, Mass.	Boys..	1908	359	111	84	76	87	81	71	63	58	107	32	22	15
	Girls..	1908	598	176	121	122	111	110	85	78	71	45	36	15	14
Fall River, Mass.	Boys..	1908	782	124	97	115	102	94	90	89	87	86	41	80	28
	Girls..	1908	612	167	116	112	103	96	93	79	69	42	45	19	18
Fall River, Mass.	Boys..	1908	805	123	95	106	100	98	98	93	98	91	50	37	33
	Girls..	1908	192	128	122	112	103	101	104	106	81	78	43	26	20
Fall River, Mass.	Boys..	1908	239	141	115	107	100	93	92	80	67	64	39	26	13
	Girls..	1908	199	121	107	106	102	105	98	101	74	73	50	27	29
Fall River, Mass.	Boys..	1908	233	121	88	97	104	96	82	96	80	78	53	37	25
	Girls..	1908	570	168	117	120	112	119	97	96	51	27	18	10	9
Fall River, Mass.	Boys..	1908	850	122	108	105	101	94	85	84	65	46	26	16	14
	Girls..	1908	678	147	99	119	110	102	93	73	67	85	21	17	12
Fall River, Mass.	Boys..	1908	859	111	100	108	96	85	91	84	63	67	37	21	18
	Girls..	1908	859	111	100	108	96	85	91	84	63	67	37	21	18

TABLE 53.—Percentage relation between the largest age group and the number found in each grade in certain cities of 25,000 population and over. 1918—GROUP A—Contd.

Cities.	Sex.	Year.	Largest age group.	Elementary school grades.								High-school years.			
				1	2	3	4	5	6	7	8	1	2	3	4
Minneapolis, Minn.	Boys.	1908	1,852	170	122	116	122	122	105	90	69	45	32	18	14
	Girls.	1918	2,551	133	111	163	101	94	91	85	76	54	37	24	20
St. Louis, Mo.	Boys.	1908	1,900	157	110	107	116	112	103	97	88	54	44	24	22
	Girls.	1918	2,508	124	109	100	97	98	80	82	77	69	56	39	33
East Orange, N. J.	Boys.	1908	3,863	142	123	121	118	94	69	53	38	18	10	7	4
	Girls.	1918	4,323	130	111	117	122	103	85	79	59	39	20	12	9
Hoboken, N. J.	Boys.	1908	3,914	138	121	113	119	93	73	58	49	27	18	11	9
	Girls.	1918	4,484	114	108	111	120	100	84	76	69	52	25	16	13
Orange, N. J.	Boys.	1908	222	159	139	135	116	101	66	76	54	59	28	19	13
	Girls.	1918	384	116	117	97	97	101	80	97	70	61	43	29	32
Paterson, N. J.	Boys.	1908	219	139	124	130	118	93	95	70	68	38	23	14	9
	Girls.	1918	383	103	103	97	97	112	85	85	69	56	52	41	39
Passaic, N. J.	Boys.	1908	498	169	126	122	104	84	63	51	32	13	7	4	3
	Girls.	1918	609	171	130	122	125	97	78	46	34	27	10	13	12
Paterson, N. J.	Boys.	1908	485	162	128	107	110	79	67	50	37	18	8	2	2
	Girls.	1918	653	137	123	116	104	87	71	44	34	21	9	10	6
Perth Amboy, N. J.	Boys.	1908	235	232	79	77	79	74	39	36	25	18	10	8	4
	Girls.	1918	277	158	114	109	116	130	90	60	44	23	17	6	4
Paterson, N. J.	Boys.	1908	200	273	93	91	93	87	46	42	30	21	11	9	4
	Girls.	1918	273	137	106	121	117	78	63	41	28	13	8	4	7
Paterson, N. J.	Boys.	1908	332	167	137	134	113	84	40	36	32	20	14	6	5
	Girls.	1918	506	144	118	110	121	95	89	51	46	23	16	14	9
Paterson, N. J.	Boys.	1908	307	184	139	114	107	84	56	38	27	22	16	14	9
	Girls.	1918	580	145	114	103	118	100	91	65	40	18	22	17	17
Paterson, N. J.	Boys.	1908	878	148	131	123	112	107	83	57	43	24	17	11	4
	Girls.	1918	1,075	141	113	117	108	110	91	74	68	38	24	18	14
Perth Amboy, N. J.	Boys.	1908	904	127	117	114	107	102	79	54	45	25	20	12	8
	Girls.	1918	1,018	142	113	114	110	114	102	83	67	32	25	17	14
Trenton, N. J.	Boys.	1908	241	254	131	103	102	94	61	52	29	23	14	13	8
	Girls.	1918	470	185	107	94	94	90	79	43	39	20	14	11	6
Trenton, N. J.	Boys.	1908	255	243	111	95	93	75	62	46	38	16	15	12	11
	Girls.	1918	457	185	112	98	93	89	77	47	35	20	20	12	10
Trenton, N. J.	Boys.	1908	541	186	144	139	117	92	64	47	32	23	13	11	6
	Girls.	1918	880	132	146	115	114	102	91	78	54	34	26	14	10
Trenton, N. J.	Boys.	1908	577	172	121	127	98	90	73	50	46	32	19	17	8
	Girls.	1918	860	153	113	116	99	90	73	66	49	42	36	20	12
Trenton, N. J.	Boys.	1908	182	148	110	113	125	103	98	81	50	68	30	14	19
	Girls.	1918	230	123	103	100	97	88	86	83	50	86	36	17	8
Trenton, N. J.	Boys.	1908	179	143	106	114	113	116	109	79	66	69	34	7	21
	Girls.	1918	223	125	120	105	101	96	89	74	49	90	55	28	8
Trenton, N. J.	Boys.	1908	188	144	103	110	104	100	97	60	46	41	28	16	7
	Girls.	1918	229	178	115	121	127	95	82	73	56	62	31	27	15
Trenton, N. J.	Boys.	1908	202	124	94	101	99	85	83	71	54	45	29	16	15
	Girls.	1918	232	156	112	97	119	107	87	70	59	62	31	22	12
Trenton, N. J.	Boys.	1908	223	152	126	121	130	104	83	65	56	36	28	19	14
	Girls.	1918	308	101	120	108	107	124	108	87	77	33	32	26	16
Trenton, N. J.	Boys.	1908	224	151	97	120	114	104	84	76	55	45	39	25	18
	Girls.	1918	323	124	124	103	109	101	117	85	47	40	34	16	17
Trenton, N. J.	Boys.	1908	313	151	141	115	111	104	95	77	66	48	30	18	13
	Girls.	1918	611	139	108	118	110	110	100	79	60	45	34	16	17
Trenton, N. J.	Boys.	1908	335	135	121	110	103	97	92	75	62	55	31	18	22
	Girls.	1918	650	115	102	108	103	104	86	81	69	49	35	16	23
Trenton, N. J.	Boys.	1908	625	132	124	123	108	114	96	68	50	46	20	16	14
	Girls.	1918	1,060	112	122	111	124	98	86	87	65	43	30	39	31
Trenton, N. J.	Boys.	1908	630	114	118	113	121	105	90	68	67	44	30	24	20
	Girls.	1918	976	118	123	109	124	112	91	83	73	45	34	42	38
Trenton, N. J.	Boys.	1908	309	132	128	123	121	125	98	78	59	48	25	13	7
	Girls.	1918	483	140	121	128	113	115	89	79	53	47	28	21	15
Trenton, N. J.	Boys.	1908	283	125	120	122	110	112	100	91	70	66	42	23	21
	Girls.	1918	502	149	113	129	113	108	99	76	61	54	38	23	14
Trenton, N. J.	Boys.	1908	344	157	128	122	130	113	99	79	62	29	21	10	15
	Girls.	1918	436	123	122	118	132	118	97	79	61	55	25	24	16
Trenton, N. J.	Boys.	1908	372	141	114	112	131	116	100	66	62	36	22	18	19
	Girls.	1918	436	123	106	108	115	122	107	80	72	49	43	29	27
Trenton, N. J.	Boys.	1908	434	133	106	89	118	102	78	55	52	32	29	16	7
	Girls.	1918	583	144	106	100	111	107	104	81	76	61	38	25	19
Trenton, N. J.	Boys.	1908	437	136	106	100	111	102	78	64	68	33	32	12	16
	Girls.	1918	620	128	102	92	112	111	104	79	67	62	36	22	21
Trenton, N. J.	Boys.	1908	7,860	478	148	139	118	95	72	47	39	23	17	11	8
	Girls.	1918	10,943	148	124	123	117	103	92	65	59	33	17	11	7
Trenton, N. J.	Boys.	1908	8,134	159	136	135	118	68	76	61	39	21	13	9	6
	Girls.	1918	10,582	126	117	124	130	109	96	70	62	31	23	15	11
Trenton, N. J.	Boys.	1908	808	120	123	114	124	120	79	45	36	23	18	7	6
	Girls.	1918	878	137	92	97	119	119	117	88	46	37	26	16	16
Trenton, N. J.	Boys.	1908	614	136	115	111	124	87	79	52	39	31	21	19	9
	Girls.	1918	890	113	100	98	108	102	115	63	61	38	26	23	16

TABLE 53.—Percentage relation between the largest age group and the number found in each grade in certain cities of 25,000 population and over, 1918—GROUP A—Contd.

Cities.	Sex.	Year.	Largest age group.	Elementary school grades.								High-school years.			
				1	2	3	4	5	6	7	8	1	2	3	4
Williamsport, Pa.	Boys.	1908	287	125	103	111	131	104	84	72	41	42	18	11	6
	Girls.	1918	272	143	102	109	121	120	93	77	63	46	39	13	16
York, Pa.	Boys.	1908	311	129	110	111	101	106	141	95	71	70	56	38	29
	Girls.	1918	333	128	117	122	110	115	99	71	52	35	26	15	9
Tacoma, Wash.	Boys.	1908	428	134	100	101	113	114	104	80	57	17	16	13	13
	Girls.	1918	331	125	112	114	121	105	92	71	43	44	22	15	13
Madison, Wis.	Boys.	1908	418	141	100	99	129	112	102	77	64	26	23	14	11
	Girls.	1918	565	144	112	96	102	102	103	90	68	48	26	18	15
Williamsport, Pa.	Boys.	1908	934	141	97	99	94	95	79	74	58	49	26	19	14
	Girls.	1918	501	142	107	96	103	105	101	91	75	54	39	29	19
Madison, Wis.	Boys.	1908	918	125	98	88	95	90	85	80	74	66	42	32	22
	Girls.	1918	159	143	115	130	107	105	92	81	53	56	46	46	26
Williamsport, Pa.	Boys.	1908	254	124	101	101	100	87	81	70	63	62	51	41	30
	Girls.	1918	189	103	99	109	121	95	94	78	63	61	44	54	33
Williamsport, Pa.	Boys.	1908	245	116	112	119	107	100	87	87	78	78	71	54	58
	Girls.	1918													

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.

Cities.	Sex.	Date.	Largest age group.	Elementary school grades.								High-school years.			
				1	2	3	4	5	6	7	8	1	2	3	4
Alameda, Calif.	Boys.	1908	180	122	101	115	98	111	99	80	68	40	25	11	15
	Girls.	1918	232	121	88	105	105	106	87	77	65	62	35	23	29
Fresno, Calif.	Boys.	1908	179	108	93	108	112	99	100	114	76	67	44	18	18
	Girls.	1918	212	121	97	90	106	94	95	86	81	105	68	39	31
Santa Cruz, Calif.	Boys.	1908	207	197	137	114	121	86	63	75	44	49	32	18	9
	Girls.	1918	438	196	114	96	100	121	85	79	58	75	31	26	16
Danbury, Conn.	Boys.	1908	229	167	107	100	91	65	68	75	52	45	35	19	11
	Girls.	1918	463	165	92	93	100	106	74	72	58	79	39	25	20
Wattingford, Conn.	Boys.	1908	79	160	121	105	98	111	97	71	61	41	33	22	11
	Girls.	1918	102	110	87	113	96	108	110	87	73	74	42	45	25
Galesburg, Ill.	Boys.	1908	89	129	99	91	91	99	98	101	67	57	26	33	28
	Girls.	1918	99	113	89	92	104	101	99	92	62	96	84	52	53
Comersville, Ind.	Boys.	1908	142	117	149	122	139	115	92	58	43	19	25	14	18
	Girls.	1918	153	135	105	108	108	99	83	72	57	54	36	28	19
East Chicago, Ind.	Boys.	1908	130	102	137	124	146	90	80	72	44	61	43	18	18
	Girls.	1918	184	129	87	97	98	89	84	71	62	65	38	27	30
Frankfort, Ind.	Boys.	1908	113	148	134	100	113	106	77	62	70	24	16	12	7
	Girls.	1918	129	119	105	103	98	85	76	60	47	47	27	17	15
Goshen, Ind.	Boys.	1908	104	145	126	101	109	109	98	52	117	38	31	16	20
	Girls.	1918	131	108	105	98	96	82	73	57	44	44	42	31	18
Kokomo, Ind.	Boys.	1908	109	138	92	114	101	91	103	77	64	63	43	32	25
	Girls.	1918	215	77	69	86	86	93	99	83	82	59	45	38	32
Macon, Ill.	Boys.	1908	170	127	104	108	91	100	93	91	69	77	61	74	46
	Girls.	1918	229	84	73	67	81	91	95	79	91	76	66	55	46
Carmel, Ind.	Boys.	1908	44	154	103	135	122	104	95	61	47	44	22	17	28
	Girls.	1918	64	103	106	80	80	77	88	70	72	58	38	20	25
Connersville, Ind.	Boys.	1908	46	131	118	80	118	83	99	69	59	59	61	43	23
	Girls.	1918	61	136	97	85	72	79	98	67	81	62	57	38	23
East Chicago, Ind.	Boys.	1908	57	130	117	100	108	81	77	55	63	42	21	21	28
	Girls.	1918	80	113	94	98	109	111	80	73	34	51	39	35	22
East Chicago, Ind.	Boys.	1908	60	123	131	120	95	90	93	78	65	48	61	30	20
	Girls.	1918	83	92	114	102	72	87	96	86	70	66	45	41	47
East Chicago, Ind.	Boys.	1908	104	180	100	107	122	57	45	40	28	28	8	5	2
	Girls.	1918	258	111	107	106	92	87	71	55	39	22	11	9	6
Frankfort, Ind.	Boys.	1908	97	69	79	95	123	65	68	45	21	20	10	4	4
	Girls.	1918	242	129	104	102	96	100	62	47	37	19	8	10	10
Goshen, Ind.	Boys.	1908	98	107	137	107	128	82	86	63	76	58	27	23	26
	Girls.	1918	108	103	117	96	103	88	102	59	63	72	36	28	31
Kokomo, Ind.	Boys.	1908	108	102	96	77	96	87	100	82	68	52	34	13	28
	Girls.	1918	107	110	87	103	95	90	103	88	72	74	64	37	22
Kokomo, Ind.	Boys.	1908	74	137	114	172	83	98	75	69	44	104	49	31	25
	Girls.	1918	82	78	92	110	68	85	90	87	51	98	37	20	22
Kokomo, Ind.	Boys.	1908	84	101	83	89	75	70	84	64	71	80	43	22	27
	Girls.	1918	84	111	79	113	68	89	93	79	46	118	48	24	20
Kokomo, Ind.	Boys.	1908	180	171	117	113	101	107	98	69	47	51	84	26	13
	Girls.	1918	217	146	74	93	79	83	73	62	42	36	22	14	15
Kokomo, Ind.	Boys.	1908	153	140	111	83	100	82	82	62	46	38	31	26	11
	Girls.	1918	272	144	92	107	111	93	81	72	44	41	38	37	25



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
Wabash, Ind.	Boys..	1908	92	63	146	81	124	116	79	68	53	40	35	24	29
	Boys..	1918	111	89	95	69	110	67	72	31	49	42	26	18	8
	Girls..	1918	89	78	84	120	95	95	107	88	75	51	43	47	44
Keokuk, Iowa.	Boys..	1908	115	116	77	97	68	66	104	67	70	34	28	23	35
	Boys..	1918	102	170	114	116	101	77	91	66	75	37	21	13	18
	Girls..	1918	125	163	132	106	114	102	74	82	39	64	41	29	24
Marshalltown, Iowa.	Boys..	1908	95	154	109	111	101	103	117	69	98	35	34	30	31
	Boys..	1918	132	119	129	121	89	90	71	73	71	52	24	30	36
	Girls..	1918	102	155	129	136	108	108	82	85	67	31	25	18	18
Ottumwa, Iowa.	Boys..	1908	109	151	118	143	120	110	100	68	67	53	37	27	25
	Boys..	1918	146	121	105	119	101	115	88	73	75	64	50	35	41
	Girls..	1918	200	249	168	97	81	83	81	62	41	25	22	11	6
Dedham, Mass.	Boys..	1908	248	122	127	104	107	101	108	98	67	75	25	17	7
	Boys..	1918	219	183	165	118	83	93	113	73	58	31	35	17	15
	Girls..	1918	232	143	164	92	114	91	88	112	69	97	29	26	21
Gardner, Mass.	Boys..	1908	83	133	121	107	81	103	86	67	64	32	44	16	26
	Boys..	1918	132	111	102	98	80	79	86	64	101	66	52	27	17
	Girls..	1918	104	99	101	57	83	71	80	68	90	65	42	21	25
Medford, Mass.	Boys..	1908	138	123	106	81	80	91	97	76	90	48	43	23	17
	Boys..	1918	93	155	124	125	107	95	83	68	47	49	39	32	24
	Girls..	1918	115	148	99	92	113	89	75	55	39	46	43	23	17
Wakefield, Mass.	Boys..	1908	90	140	139	107	94	105	91	88	57	46	41	43	31
	Boys..	1918	148	122	105	97	97	82	66	59	43	55	50	47	31
	Girls..	1918	197	132	97	103	99	110	110	83	80	53	27	20	20
Winchester, Mass.	Boys..	1908	319	129	90	99	100	95	85	68	61	88	38	25	31
	Boys..	1918	205	120	91	93	91	114	100	81	80	54	23	24	20
	Girls..	1918	336	113	93	88	98	103	91	81	65	91	33	40	40
Winthrop, Mass.	Boys..	1908	115	119	77	80	101	105	89	93	67	48	43	35	20
	Boys..	1918	147	131	98	90	82	80	69	57	65	61	41	37	17
	Girls..	1918	118	105	98	83	84	97	76	90	61	62	32	38	38
Winchester, Mass.	Boys..	1908	90	116	161	78	113	89	93	80	64	35	36	30	12
	Boys..	1918	95	103	89	88	81	89	108	71	78	62	42	34	15
	Girls..	1918	104	93	99	99	78	90	79	70	60	43	31	30	19
Winthrop, Mass.	Boys..	1908	99	81	85	72	93	84	88	90	47	82	64	55	29
	Boys..	1918	84	138	109	129	96	116	113	77	69	52	38	14	10
	Girls..	1918	131	99	82	107	87	98	97	76	73	66	59	44	33
Cheboygan, Mich.	Boys..	1908	85	113	103	97	98	100	68	107	68	52	37	19	19
	Boys..	1918	117	100	89	90	78	82	83	89	85	69	58	60	57
	Girls..	1918	91	184	128	110	89	72	125	56	46	69	39	26	10
Iron Mountain, Mich.	Boys..	1908	66	179	103	100	95	77	87	61	55	64	34	21	17
	Boys..	1918	58	172	107	109	79	83	122	97	66	74	60	47	36
	Girls..	1918	124	88	129	97	122	109	84	84	47	39	26	12	6
Sault Ste. Marie, Mich.	Boys..	1908	175	80	70	134	81	65	63	53	30	84	17	15	9
	Boys..	1918	113	103	109	111	119	90	103	89	88	46	19	17	9
	Girls..	1918	163	58	73	134	79	74	75	69	44	52	39	26	17
Great Falls, Mont.	Boys..	1908	111	197	91	90	110	89	70	68	42	51	22	16	10
	Boys..	1918	130	122	105	92	87	84	83	76	65	61	48	38	22
	Girls..	1918	129	158	87	89	82	80	59	54	35	31	29	17	10
Bridgeton, N. J.	Boys..	1908	137	92	101	88	93	104	95	89	85	77	68	40	27
	Boys..	1918	128	157	100	128	107	102	83	71	52	27	36	18	13
	Girls..	1918	245	145	107	101	105	109	90	77	61	63	30	21	13
Bridgeton, N. J.	Boys..	1908	131	112	118	112	96	93	79	76	68	59	32	24	25
	Boys..	1918	285	121	106	87	93	90	81	83	56	76	23	37	16
	Girls..	1918	100	167	163	114	127	95	70	72	48	36	25	22	12
Kearny, N. J.	Boys..	1908	143	154	118	119	99	102	80	90	62	64	37	29	18
	Boys..	1918	101	155	115	110	106	99	97	78	67	39	34	35	22
	Girls..	1918	147	126	110	117	89	97	92	95	78	69	45	44	48
Plainfield, N. J.	Boys..	1908	158	191	105	108	107	97	77	66	42	22	16	7	7
	Boys..	1918	230	150	113	109	99	113	75	62	39	64	25	13	8
	Girls..	1918	146	204	108	114	109	94	88	79	31	32	21	13	11
West Orange, N. J.	Boys..	1908	213	151	108	110	98	130	96	77	53	70	35	27	9
	Boys..	1918	137	132	109	139	97	109	113	64	42	49	26	21	18
	Girls..	1918	229	156	103	118	113	98	68	52	56	62	43	23	11
Vineland, N. J.	Boys..	1908	138	138	116	123	108	96	98	73	59	58	30	26	35
	Boys..	1918	242	140	109	107	119	87	81	64	47	56	50	26	9
	Girls..	1918	101	164	126	117	98	109	89	30	35	28	15	9	9
West Orange, N. J.	Boys..	1908	192	246	105	86	111	101	70	51	36	29	20	11	13
	Boys..	1918	89	150	115	120	93	94	65	63	60	50	23	25	10
	Girls..	1918	105	216	110	82	111	98	76	59	41	34	20	12	15
New Rochelle, N. Y.	Boys..	1908	92	164	116	131	129	81	48	35	19	17	21	7	6
	Boys..	1918	135	147	106	107	124	116	112	83	37	34	20	17	12
	Girls..	1918	86	177	121	102	102	78	73	49	31	28	11	12	5
New Rochelle, N. Y.	Boys..	1908	126	135	143	96	95	86	108	85	32	35	20	14	12
	Boys..	1918	290	176	164	109	102	62	55	57	36	31	14	12	8
	Girls..	1918	352	147	111	110	89	90	87	48	53	52	34	32	9
New Rochelle, N. Y.	Boys..	1908	122	179	178	136	117	78	65	71	49	31	18	9	6
	Girls..	1918	324	133	108	109	108	92	86	84	61	61	40	39	16

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 year.			
				1	2	3	4	5	6	7	8	1	2	3	4
				White Plains, N. Y.	Boys.	1908	120	89	94	102	101	79	71	47	37
	Girls.	1918	206	110	124	87	83	89	66	63	42	52	33	23	17
	Boys.	1908	103	84	107	114	119	99	92	99	57	67	47	19	16
	Girls.	1918	181	96	107	106	114	90	59	70	51	67	33	28	25
McAlester, Okla.	Boys.	1908	63	221	151	161	121	74	89	35	51	44	13	7	6
	Girls.	1918	109	184	91	104	108	89	91	99	69	67	38	22	15
	Boys.	1908	61	205	128	148	101	81	96	64	1	58	35	32	19
	Girls.	1918	116	172	97	100	109	86	87	90	68	70	41	15	7
Clearfield, Pa.	Boys.	1908	66	123	158	109	105	144	84	49	47	11	27	15	7
	Girls.	1918	107	111	104	87	84	83	72	54	67	64	34	12	15
	Boys.	1908	73	100	121	84	91	141	71	15	44	49	37	26	16
	Girls.	1918	107	117	107	83	84	85	77	78	67	93	50	32	35
	Boys.	1908	70	198	114	98	119	80	67	23	13	11	7	3	3
	Girls.	1918	132	136	114	101	117	115	105	74	61	27	17	21	17
Donora, Pa.	Boys.	1908	81	187	93	87	66	72	40	35	14	20	13	9	9
	Girls.	1918	135	136	96	115	125	117	81	73	62	26	15	33	13
	Boys.	1908	112	114	141	119	94	83	83	49	34	32	25	11	8
	Girls.	1918	172	151	142	110	131	98	76	57	31	67	37	13	10
Homestead, Pa.	Boys.	1908	121	175	110	104	76	54	57	40	31	49	18	12	18
	Girls.	1918	172	140	113	109	114	109	83	39	42	64	28	25	10
	Boys.	1908	127	148	104	115	114	109	111	81	66	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	43	33	40	32
	Girls.	1918	202	101	79	93	94	98	85	81	77	54	40	44	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
\$0-\$19					3	3	0.2
20-39			2	4	16	22	1.4
40-59	2	2	9	28	39	80	5.3
60-79	1	7	19	48	64	139	9.2
80-99	3	3	25	57	80	171	11.3
100-119	2	18	54	58	80	212	14.0
120-139	8	14	53	76	54	205	13.5
140-159	8	34	46	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	13	16	14	62	4.1
220-239	2	6	15	24	16	63	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	3	3	9	.6
340-359			2	3	1	6	.4
360-379					1	1	.1
380-399				1		1	.1
400-419			2	1	3	6	.6
420-439				1		2	.1
440-459					2	2	.1
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>135</b>	<b>341</b>	<b>474</b>	<b>515</b>	<b>1,515</b>	<b>100.0</b>
Lowest value	949	843	332	321	311	311	
First quartile	124	127	109	94	81	96	
Median	162	155	144	131	114	133	
Third quartile	191	188	180	177	164	178	
Highest value	359	297	499	424	326	330	

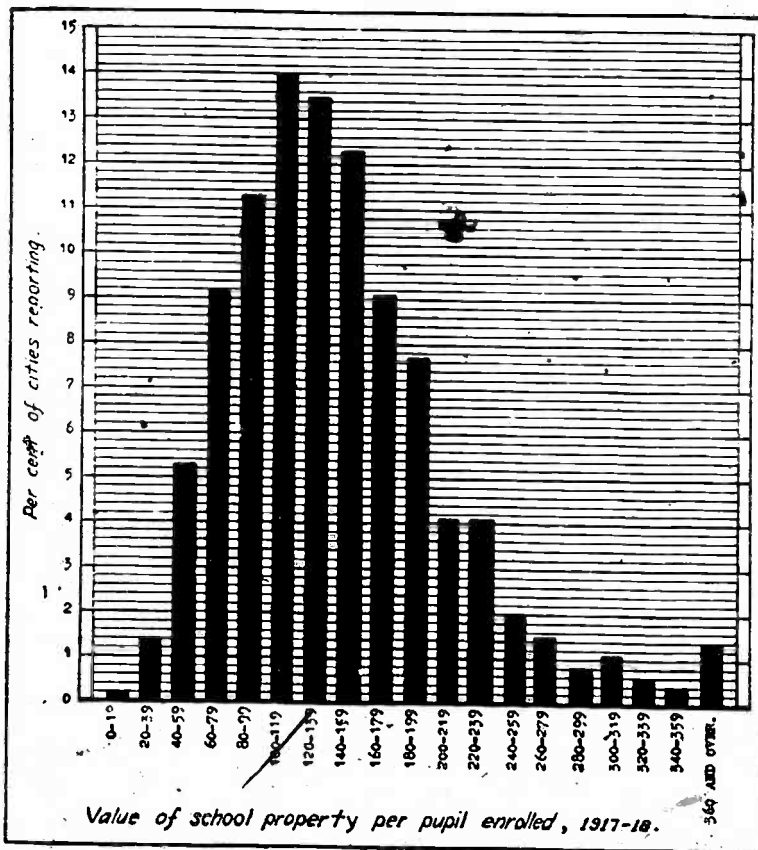


FIG. 32.—Distribution of 1,515 cities according to the value of school property per pupil enrolled, 1917-18.

#### 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 \$138, 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.

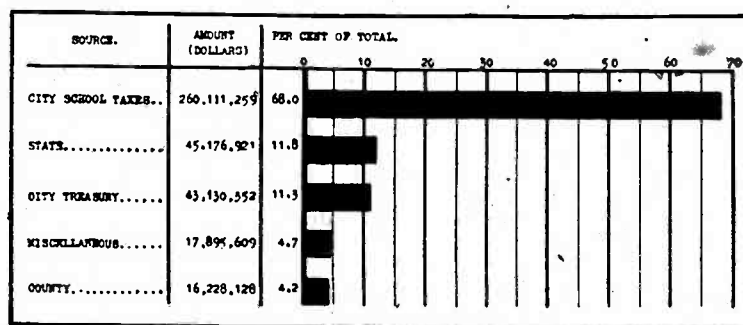


FIG. 33.—Where the city school dollar comes from, 1917-18.

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 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				4	1	5	0.4
1.00-1.99		6	6	5	9	25	1.9
2.00-2.99		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	55	59	39	187	14.1
5.00-5.99	14	23	60	62	47	206	15.5
6.00-6.99	1	25	43	63	61	193	14.1
7.00-7.99	3	21	34	52	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		1	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	3	.2
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	.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

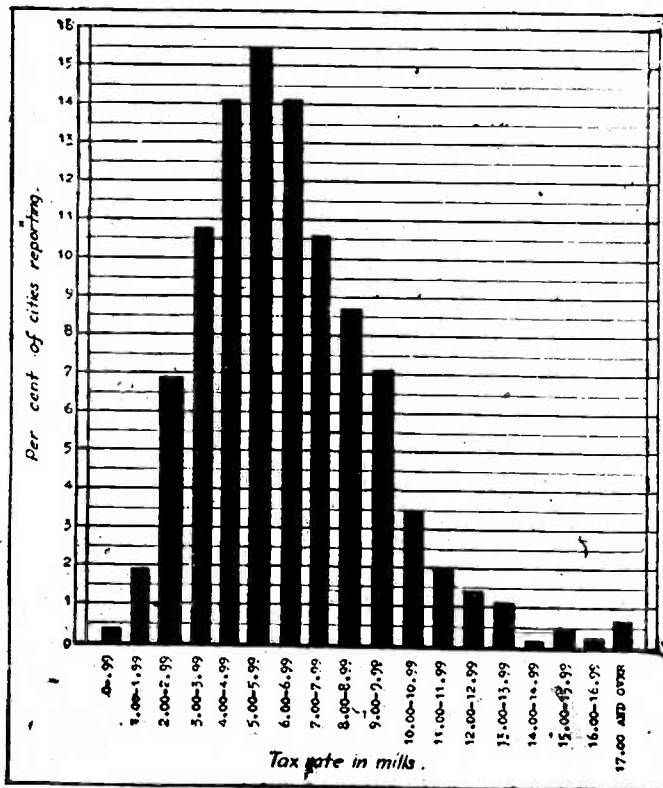


FIG. 34.—Tax rate in mills on the dollar in 1,331 city school systems as computed on the estimated true value of all taxable property, 1917-18.

#### 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 31. 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 \$4,195,356,000, 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



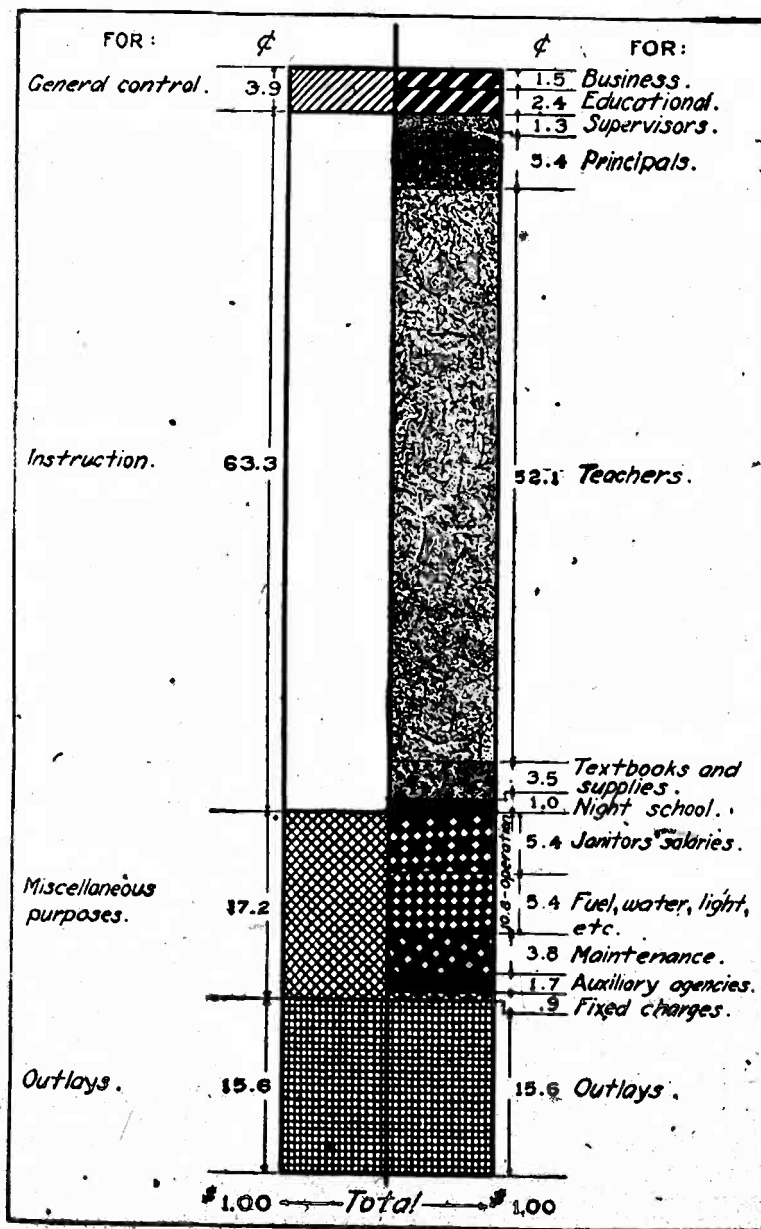


FIG. 35.—Where the city school dollar goes, 1917-18.

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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	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
20-22.00	16	11	21	11	6	15	12	8	23	9	5	15	9	3	16	41	22	71
2-5.00	12	10	19	16	30	40	45	28	87	21	8	34	6	4	10	81	81	214
6-8.00	3	5	2	3	1	4	4	4	15	1	2	4	2	1	3	64	29	98
9-11.00	1	1	1	1	2	2	4	2	4	3	1	4	2	1	4	19	12	33
12-14.00	1	1	1	1	1	2	1	2	1	3	1	4	2	1	2	16	5	16
15-17.00	1	1	1	1	2	1	1	2	1	1	1	2	2	1	1	5	2	7
18-20.00	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	3	4	3
21-23.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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
30-33.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	34	30	46	64	45	104	91	51	170	49	21	81	25	10	37	263	158	436
Lowest cost	\$3.08	\$1.83	\$1.07	\$1.14	\$1.70	\$1.07	\$1.30	\$2.06	\$2.00	\$1.42	\$1.64	\$1.65	\$1.13	\$2.46	\$1.13	\$1.13	\$1.66	\$1.07
First quartile	4.80	4.28	4.43	3.68	4.22	3.78	3.72	3.53	3.58	3.52	2.73	3.40	2.27	2.80	2.27	2.73	3.06	3.64
Median	6.18	6.26	6.03	5.41	5.02	4.83	4.86	4.18	4.73	4.93	4.45	5.05	3.64	3.98	3.53	3.73	4.20	4.89
Third quartile	8.44	7.61	7.30	6.52	7.07	6.03	7.07	7.31	7.20	7.43	7.32	7.43	8.72	8.70	8.25	7.33	8.05	8.91
Highest cost	37.55	19.26	24.43	27.78	20.45	19.42	16.06	17.50	33.83	22.22	32.88	19.85	18.46	16.67	18.46	37.55	32.88	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-

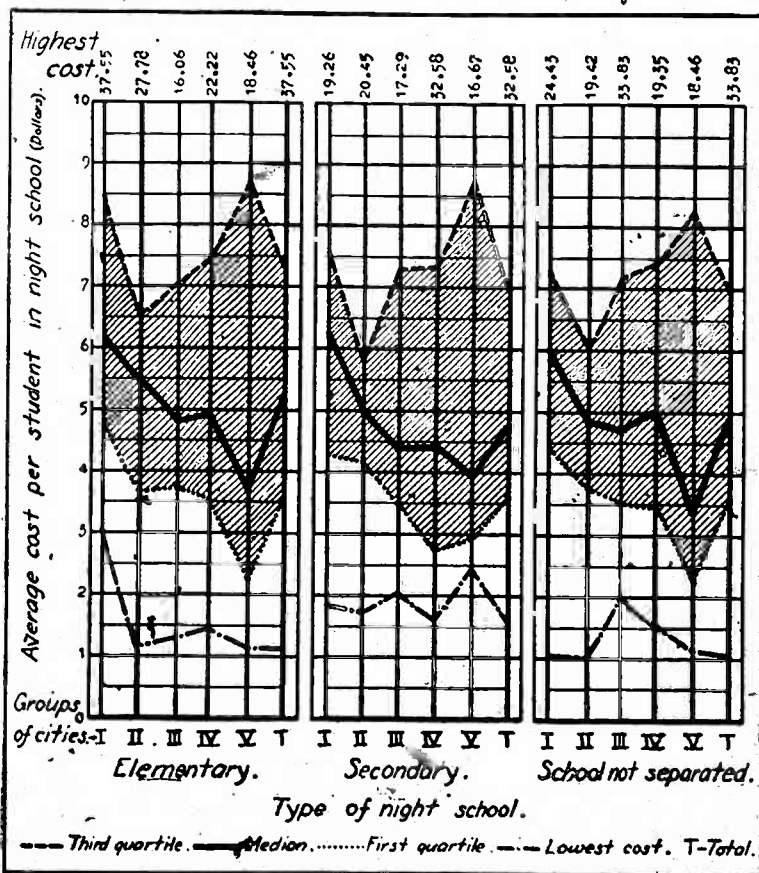


FIG. 36.—Variation in the average cost per student in night schools in the different groups of cities, 1917-18.

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 40,716,918 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 125 city school systems, 1917-18.

GROUP I (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
Birmingham, Ala.	21,302	\$706,115	\$14,260	\$504,547	\$68,946	\$41,704		\$76,658
Los Angeles, Calif.	65,672	5,070,688	196,829	4,026,597	408,904	122,260	\$103,688	210,410
Oakland, Calif.	26,466	1,869,622	55,223	1,363,161	142,505	37,506	46,376	24,848
San Francisco, Calif.	46,384	2,708,739	82,682	1,981,361	206,275	124,852	39,078	274,516
Denver, Colo.	30,651	1,842,527	93,970	1,432,076	189,524	78,957	12,967	35,033
Bridgeport, Conn.	19,344	808,969	24,206	620,825	113,031	47,463	3,444	
New Haven, Conn.	24,856	1,064,520	28,310	822,413	145,435	66,540	4,147	27,675
Washington, D. C.	47,838	2,861,998	44,906	2,257,223	325,315	166,032	54,028	14,494
Atlanta, Ga.	25,513	802,305	23,025	676,704	57,084	29,322		16,100
Chicago, Ill.	318,118	16,755,332	668,407	12,312,616	2,541,125	789,872	191,131	232,182
Indianapolis, Ind.	33,900	2,134,447	91,642	1,340,177	237,731	101,256	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	1,467,425	116,308	1,197,361	114,754	39,531		7,473
Baltimore, Md.	59,552	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	755,040
Fall River, Mass.	13,827	722,682	22,734	544,801	106,097	41,751		7,499
Lowell, Mass.	11,066	559,690	13,355	386,016	107,132	11,980	41,207	
Worcester, Mass.	22,745	1,201,517	32,800	916,032	172,640	64,905	15,140	
Detroit, Mich.	84,922	4,437,903	135,543	3,547,376	653,409	84,480	10,197	6,888
Grand Rapids, Mich.	15,682	1,091,322	38,131	788,324	147,374	40,758	11,478	65,247
Minneapolis, Minn.	48,445	2,993,839	97,755	2,224,046	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	110,088	1,599,150	316,759	96,322	142,213	332,045
St. Louis, Mo.	61,126	4,678,135	178,867	3,420,927	584,622	331,596	103,023	58,999
Omaha, Neb.	24,933	1,649,118	60,568	1,101,724	210,947	46,078	22,170	196,631
Jersey City, N. J.	56,997	3,659,916	148,694	1,568,827	254,785	69,952	36,364	17,209
Newark, N. J.	33,736	1,994,151	57,019	1,568,827	254,785	69,952	36,364	17,209
Buffalo, N. Y.	50,658	3,424,133	131,933	2,576,017	323,322	121,769	106,081	367,033
New York, N. Y.	703,807	41,578,897	1,646,166	34,987,182	448,077	104,863	73,077	404,087
Rochester, N. Y.	28,756	1,732,657	59,006	1,265,800	209,476	34,078	58,244	107,853
Syracuse, N. Y.	19,545	838,487	20,428	642,636	94,916	39,452	24,422	16,646
Cincinnati, Ohio.	41,352	2,913,577	81,259	2,047,213	338,045	149,476	23,620	299,964
Cleveland, Ohio.	94,167	6,254,322	659,211	3,908,404	758,079	330,209	124,628	553,794
Columbus, Ohio.	26,547	1,525,257	34,647	1,120,213	271,104	46,242	84,817	18,034
Portland, Oreg.	29,340	2,050,579	125,290	1,573,268	231,349	89,526	6,148	44,998
Philadelphia, Pa.	192,195	9,528,329	362,953	6,913,746	822,205	226,455	300,268	927,708
Pittsburgh, Pa.	68,861	4,914,585	242,672	2,987,388	668,697	425,233	26,003	537,322
Scranton, Pa.	19,897	947,874	42,049	620,247	109,514	71,146	11,229	99,690
Providence, R. I.	29,536	1,604,828	49,451	1,057,464	227,724	100,782	29,254	140,153
Memphis, Tenn.	14,865	861,021	19,562	663,511	65,080	115,337		97,531
Nashville, Tenn.	13,399	486,994	15,834	351,425	50,150	20,245	6,417	12,923
Richmond, Va.	20,280	847,180	20,765	686,015	93,448	26,367	14,611	5,754
Seattle, Wash.	33,906	2,689,194	84,402	1,778,262	279,798	115,862	142,918	267,932
Spokane, Wash.	15,149	1,045,898	27,007	723,915	120,395	42,454	12,598	116,529
Milwaukee, Wis.	48,339	2,928,567	77,508	1,964,659	875,125	237,814	56,896	213,866
Total	2,789,661	161,270,684	6,408,582	120,930,539	17,170,456	6,638,688	3,151,216	6,971,293
Average annual cost per pupil		57.63	2.30	43.36	6.18	2.36	1.13	2.50
Percent of total		100.0	2.0	78.1	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
Motale, 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	12,966	7,695	780	2,129
Little Rock, Ark.	8,325	200,308	8,949	174,663	9,857	2,421	.....	4,478
Berkeley, Calif.	7,336	533,981	11,492	435,553	30,610	26,185	9,685	456
Pasadena, Calif.	6,216	642,016	14,587	466,525	63,892	43,648	11,576	41,798
Hartford, Conn.	17,356	1,141,687	5,257	753,623	180,941	103,782	3,516	115,168
Meriden, Conn.	4,018	237,436	6,699	170,451	28,274	12,258	18,995	750
Savannah, Ga.	9,224	278,256	9,051	235,742	17,774	7,494	.....	8,195
Decatur, Ill.	5,859	260,894	14,349	171,637	34,148	19,397	2,107	2,256
Peoria, Ill.	9,313	509,836	16,628	346,346	86,737	22,781	4,625	32,717
Springfield, Ill.	7,720	460,579	17,563	306,872	65,658	23,537	6,268	40,661
Evansville, Ind.	9,102	498,854	10,812	382,668	66,159	23,782	3,028	12,405
Terre Haute, Ind.	9,955	499,863	14,470	380,120	59,422	19,883	20,121	5,845
Cedar Rapids, Iowa	6,447	358,002	12,097	247,892	62,052	10,394	528	25,039
Des Moines, Iowa	16,929	1,228,101	32,851	802,687	187,583	48,851	27,157	129,972
Kansas City, Kans.	12,556	682,015	27,386	339,865	87,541	50,147	24,891	52,185
Topeka, Kans.	6,501	415,321	11,145	266,027	51,413	55,235	3,434	28,067
Lexington, Ky.	4,789	183,798	7,589	130,056	25,258	10,132	100	10,573
Lynn, Mass.	11,707	573,877	20,332	383,548	93,588	22,695	4,475	49,239
Salem, Mass.	4,895	286,317	9,569	167,768	49,742	15,878	20,437	22,953
Bay City, Mich.	5,861	359,700	15,750	279,000	38,400	16,000	.....	10,350
Flint, Mich.	9,839	324,717	26,133	214,191	46,208	11,834	19,721	6,630
Duluth, Minn.	13,714	799,906	25,785	535,863	116,678	22,268	15,024	53,288
Springfield, Mo.	5,966	196,819	8,081	141,055	30,922	14,121	1,840	800
Butte, Mont.	6,945	727,486	59,627	477,678	138,992	34,722	4,474	11,993
Manchester, N. H.	6,388	305,451	10,706	231,726	42,128	3,212	3,651	14,028
Bayonne, N. J.	10,507	722,161	30,429	511,734	88,399	19,348	10,222	82,029
Elizabeth, N. J.	10,147	513,042	13,830	326,280	62,578	32,119	5,178	60,077
Binghamton, N. Y.	6,856	425,887	9,846	266,798	58,385	19,372	10,776	99,710
Utica, N. Y.	10,589	600,088	16,179	389,278	83,787	40,020	14,282	56,544
Charlotte, N. C.	5,368	121,971	6,636	97,964	10,618	3,240	46	8,375
Akron, Ohio	23,863	993,756	8,054	657,996	131,933	61,555	833	133,388
Canton, Ohio	9,590	541,841	14,281	348,951	64,282	15,241	7,685	86,401
Oklahoma, Okla.	11,946	625,297	15,149	343,895	56,733	14,511	3,699	91,310
Altoona, Pa.	8,115	356,219	15,620	240,604	56,767	24,818	8,270	15,290
Wilkes-Barre, Pa.	10,799	513,971	16,484	332,049	63,582	28,510	5,544	67,802
Pawtucket, R. I.	6,900	374,551	14,497	258,527	60,995	37,578	1,000	1,956
Charleston, S. C.	5,282	149,867	5,063	115,413	7,401	7,829	8,577	5,564
Chattanooga, Tenn.	6,150	179,998	6,281	150,796	9,712	784	2,152	1,273
Fort Worth, Tex.	10,842	463,997	25,581	336,710	34,320	5,972	999	60,415
Salt Lake City, Utah	19,605	1,178,088	34,286	842,483	109,469	110,201	1,859	79,670
Roanoke, Va.	6,656	162,020	5,364	135,994	17,139	2,176	430	917
Tacoma, Wash.	12,362	740,529	33,419	519,120	80,220	38,414	18,163	51,208
Wheeling, W. Va.	5,059	266,960	7,045	209,877	33,479	.....	2,599	13,690
Oshkosh, Wis.	4,210	194,878	7,932	137,206	42,774	3,967	1,438	1,541
Total.....	401,960	20,936,848	696,660	14,465,100	2,692,854	1,004,326	322,544	1,635,364
Average annual cost per pupil.....	.....	52.09	1.74	32.94	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.

City.	Average daily attendance.	Total current expenses (sum of columns 4, 5, 6, 7, 8, and 9).	GROUP III (45 CITIES).					
			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
Bessemer, Ala.....	2,524	\$59,832	\$2,873	\$45,852	\$5,351	\$5,544		5,212
Phoenix, Ariz.....	2,848	155,088	7,660	111,290	13,219	2,958	\$242	19,719
Fort Smith, Ark.....	4,086	142,320	8,611	110,025	11,481	2,700	379	9,104
Fresno, Calif.....	7,315	428,179	11,012	336,266	35,176	11,941	2,572	31,212
Colorado Springs, Colo.....	4,432	284,435	17,421	205,611	27,387	5,796	4,280	23,940
Norwalk, Conn.....	3,789	156,019	6,541	115,996	20,335	2,163	3,335	7,649
Columbus, Ga.....	3,621	103,690	8,795	80,698	7,043	3,517	1,675	1,972
Boise, Idaho.....	3,060	291,458	17,170	143,220	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.....	3,296	133,149	4,287	87,383	23,848	4,164	542	1,475
Clinton, Iowa.....	2,390	139,452	5,167	100,710	23,858	15,704	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	419	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	55,873	11,225	1,351	2,636	1,035
Cumberland, Md.....	2,952	73,471	4,077	55,236	9,989	4,129	40	
Brookline, Mass.....	4,036	346,957	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	10,088	10,888	4,161
Mankato, Minn.....	1,568	75,969	5,171	52,775	11,146	2,916	2,074	1,857
Jackson, Miss.....	2,719	85,071	3,600	59,068	7,793	8,110		6,400
Jefferson City, Mo.....	1,546	57,780	2,900	36,228	12,436	2,256	334	3,006
Great Falls, Mont.....	3,908	291,256	13,992	199,794	42,706	8,622	1,427	24,715
Grand Island, Nebr.....	2,279	110,069	3,090	78,084	15,564	6,528	350	6,483
Concord, N. H.....	2,351	139,797	6,461	103,304	11,699	4,810	5,634	7,489
Hackensack, N. J.....	2,978	247,255	9,317	158,802	25,998	12,678	1,593	38,807
Albuquerque, N. Mex.....	2,060	117,460	5,113	78,801	12,688	4,103	3,359	13,396
Ithaca, N. Y.....	2,270	114,299	7,780	77,293	17,736	3,344	3,967	4,139
Wilmington, N. C.....	2,973	74,229	3,267	57,692	9,594	2,934		742
Fargo, N. Dak.....	2,851	178,325	10,217	105,299	44,466	6,063	1,662	10,568
Lorain, Ohio.....	5,378	250,681	8,704	173,746	36,299	12,372	2,560	23,000
Muskogee, Okla.....	4,623	216,158	11,599	138,895	16,227	5,370	3,788	42,279
Salom, Ore.....	2,398	141,218	4,000	112,500	12,125	3,074	1,000	8,519
Wilkinsburg, Pa.....	3,211	223,946	11,450	136,454	32,070	4,761	1,633	37,378
Newport, R. I.....	3,433	188,445	5,679	135,332	22,465	21,327	3,082	
Spartanburg, S. C.....	3,228	66,231	3,140	51,814	2,326	2,043	757	6,151
Sioux Falls, S. Dak.....	3,010	213,755	13,663	133,460	37,861	11,603	3,795	13,373
Jackson, Tenn.....	2,561	62,364	1,800	42,067	5,913	2,014		590
Waco, Tex.....	6,307	271,051	15,241	186,810	24,860	11,500	1,200	31,440
Ogden, Utah.....	5,528	272,428	12,732	216,454	20,811	3,745	1,442	17,242
Burlington, Vt.....	2,198	114,519	6,001	78,968	23,232	3,624	1,928	758
Petersburg, Va.....	4,096	119,112	3,775	82,020	12,951	2,311	1,855	10,200
Bellingham, Wash.....	3,896	245,154	9,140	165,386	22,862	22,114	5,090	20,522
Parkersburg, W. Va.....	3,712	216,922	7,955	144,017	27,450	10,030	6,035	21,428
Madison, Wis.....	4,969	306,647	9,106	219,180	52,122	11,888	4,356	9,995
Cheyenne, Wyo.....	1,392	96,270	2,795	69,114	10,980	7,155	631	5,995
Total.....	153,287	7,654,138	346,598	5,335,671	992,218	334,994	101,012	543,645
Average annual cost per pupil.....		49.93	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

TABLE 53.—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	\$2,586	\$450	\$718
Bisbee, Ariz.....	2,267	133,329	3,600	90,076	22,445	14,412	93	2,303
Texarkana, Ark.....	1,107	52,924	3,060	30,990	4,104	3,200	200	11,370
Richmond, Calif.....	2,723	174,917	3,376	134,355	9,911	3,381	1,236	22,655
Grand Junction, Colo.....	1,639	76,890	7,424	49,041	6,085	4,568		9,772
East Hartford, Conn.....	1,979	74,991	2,472	46,991	11,191	3,443	1,955	8,939
Dublin, Ga.....	1,101	42,537	2,882	34,655	2,700	350		200
Pocatello, Idaho.....	2,012	103,743	5,361	63,402	13,708	2,499	4,666	1,750
DeKalb, Ill.....	1,402	65,360	1,425	48,450	12,245	1,025	1,544	14,107
Crawfordsville, Ind.....	1,626	85,132	5,697	57,958	11,252	4,763		1,475
Oskaloosa, Iowa.....	1,770	99,948	2,703	66,706	13,464	6,583		3,918
Salina, Kans.....	2,283	137,198	5,394	94,909	14,351	4,529	1,938	10,111
Bowling Green, Ky.....	1,198	44,879	3,803	31,396	4,669	2,037	100	12,177
La Fayette, La.....	1,125	27,355	3,250	17,605	1,500	5,000		2,814
Sanford, Me.....	1,327	56,894	3,047	35,732	10,651	4,363	2,855	806
Salisbury, Md.....	1,397	40,474	1,444	31,421	4,529	1,456		390
Braintree, Mass.....	1,750	74,886	2,586	53,696	11,812	4,422	2,370	
Iron Mountain, Mich.....	2,218	115,152	5,132	72,001	24,079	2,392	5,087	6,461
Eveleth, Minn.....	2,119	213,385	12,939	123,487	46,092	5,497	14,855	10,515
Greenville, Miss.....	1,580	45,172	2,725	32,005	4,717	583		892
Carthage, Mo.....	2,032	61,743	4,430	39,114	8,890	1,354	818	7,147
Kalspell, 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	720	7,112
Rochester, N. H.....	1,170	41,476	2,126	26,357	6,225	905	5,663	
Summit, N. J.....	1,270	107,468	6,404	68,597	10,494	6,168	2,857	12,948
Roswell, N. Mex.....	1,492	73,837	4,931	45,320	12,575	691	899	11,921
Herkimer, N. Y.....	1,525	69,663	4,486	43,742	11,411	2,547	897	6,600
Rocky Mount, N. C.....	1,644	42,600	2,842	27,635	5,528	3,195		3,400
Bismarek, N. Dak.....	954	49,697	4,169	36,800	4,218			4,512
Wellsville, Ohio.....	1,381	45,690	3,247	29,118	7,059	827		5,439
Ardmore, Okla.....	1,903	75,085	3,563	46,470	6,950	4,235	100	13,767
Emery, Oreg.....	1,607	94,168	4,812	64,519	10,691	3,314	298	10,534
Waynesboro, Pa.....	1,642	54,712	4,404	33,303	8,041	2,661	468	5,745
Bristow, Okla.....	1,618	57,504	3,168	39,020	11,862	3,004	400	110
Rock Hill, S. C.....	948	27,027	2,492	15,589	2,320	1,588	283	4,755
Lead, S. Dak.....	1,166	95,119	5,154	67,377	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	7,810	96,948	20,529	5,893	4,257	34,541
Logan, Utah.....	1,679	68,542	4,146	44,651	5,744	8,083		5,918
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	1,219	70	2,370
Vancouver, Wash.....	1,510	77,937	2,757	51,891	8,443	1,788	1,352	11,706
Grafton, W. Va.....	1,212	62,675	2,370	31,883	6,415	1,975		10,032
Waukesha, Wis.....	1,583	78,300	3,976	51,900	11,200	3,005	5,407	2,812
Sheridan, Wyo.....	1,578	91,139	4,852	64,173	14,279	6,687	797	851
Total.....	71,103	3,377,970	175,801	2,224,970	461,984	150,692	67,344	297,479
Average annual cost per pupil.....		47.51	2.47	31.29	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			
Cifton, Ariz.	1,223	65,935	4,881	45,084	8,724	\$773	\$262	\$6,211
Mena, Ark.	583	10,004	1,357	7,850	8,480	245		972
Monrovia, Calif.	778	79,896	3,550	53,439	8,077	4,346	967	9,508
Lamar, Colo.	794	40,702	3,312	28,179	6,771	2,626	76	2,738
Millford, Conn.	1,395	43,174	2,743	31,350	4,640	1,498	2,943	
Sanford, Fla.	860	30,440	1,000	15,789	3,961	378	3,405	6,227
East Point, Ga.	962	17,935	1,910	13,665	1,960	500		
Idaho Falls, Idaho.	1,560	73,078	4,346	43,904	12,703	1,023	1,092	10,010
Batavia, Ill.	944	48,766	2,369	28,273	8,729	5,884	630	4,891
Winchester, Ind.	960	37,305	2,204	25,184	5,195	1,781	1,767	1,174
Newton, Iowa.	1,036	71,724	3,907	41,006	12,340	2,051	179	12,241
Dodge City, Kans.	912	45,111	4,500	29,050	6,986	825	1,250	2,500
Synthiana, Ky.	529	21,272	3,363	14,574	2,560	450	305	
Jennings, La.	543	19,474	135	13,740	2,276	918	403	2,000
Millinocket, Me.	724	31,427	1,734	20,999	6,879	906		909
Easton, Md.	692	16,280	1,145	13,215	1,275	345	100	150
Barre, Mass.	526	26,110	1,048	17,822	4,709	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	56,531	3,512	35,630	12,067	2,499	585	2,238
Moss Point, Miss.	238	8,853	1,600	6,390	663			
Marshall, Mo.	913	36,750	2,519	25,465	5,346	1,587	630	1,203
Red Lodge, Mont.	906	49,427	3,150	37,377	6,900	1,400	300	300
Alliance, Nebr.	774	38,214	3,200	23,330	8,460	661	425	2,138
Goffstown, N. H.	111	8,041	142	5,295	562	269	1,773	
Collingswood, N. J.	1,335	70,720	3,259	47,771	9,271	2,419	97	7,903
Raton, N. Mex.	994	67,416	2,441	44,397	5,433	5,079	862	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	18,752	2,970	15,032	730			
Jamestown, N. Dak.	1,001	55,214	4,145	34,801	8,627	824	80	6,647
Medina, Ohio.	777	28,974	2,869	19,440	4,252	2,251	21	741
Hobart, Okla.	785	35,023	2,283	20,645	5,576	768	260	5,331
Oregon City, Oreg.	944	43,537	2,776	28,912	5,186	1,424	207	5,033
Stroudsburg, Pa.	792	30,320	2,871	21,853	3,330	679		1,587
East Greenwich, R. I.	405	15,898	445	10,098	1,836	964	2,615	40
Yankton, S. Dak.	859	51,659	4,011	31,949	8,124	2,298	205	5,072
Lenoir City, Tenn.	890	16,073	1,431	10,321	2,971			1,350
Bonham, Tex.	1,008	32,560	2,247	24,958	3,530	1,000	825	1,000
Teague, Tex.	791	18,664	2,379	10,515	1,920	800		3,050
Murray, Utah.	951	51,512	4,471	35,712	5,066	1,966	405	3,872
Springfield, Vt.	818	47,699	2,181	28,804	6,675	3,032	6,152	655
Harrisonburg, Va.	1,022	28,044	2,680	20,247	3,913	388	260	556
Ellensburg, Wash.	793	44,771	3,534	29,431	5,073	250	260	6,223
Williamson, W. Va.	763	26,866	1,080	20,157		624	654	4,350
Ripon, Wis.	703	33,059	2,179	20,094	6,422	2,658	534	872
Total.....	36,697	1,722,907	117,518	1,128,134	243,722	61,606	34,224	137,904
Average annual cost per pupil.....		44.52	3.04	29.15	6.30	1.59	0.98	3.56
Percent of total.....		100.0	6.8	63.5	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 59.—Analysis of the current expenses per student in average daily attendance in 225 city school systems, 1917-18.

GROUP I (45 CITIES).

City.	Totals 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.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.
Seattle, Wash.	\$79.23	1.37	\$2.45	1.21	0.88	\$8.23	1.34	0.98	\$3.42	1.44	1.03	\$4.22	3.73	2.72	\$8.43	3.40	2.48	2.72	3.40	2.48
Los Angeles, Calif.	77.21	1.34	3.03	1.33	0.99	6.23	1.01	1.75	1.80	2.00	1.03	1.80	1.40	1.04	3.20	1.28	0.96	1.04	1.28	0.96
San Francisco, Calif.	71.37	1.23	3.33	1.33	0.81	6.71	1.33	1.75	6.18	2.00	2.11	7.17	6.58	1.03	7.80	3.12	2.54	1.03	3.12	2.54
Washington, D. C.	70.40	1.22	1.97	0.90	1.00	8.17	1.33	1.09	3.61	1.52	1.25	5.51	5.01	2.80	6.03	2.65	2.17	2.80	2.65	2.17
Portland, Ore.	68.94	1.21	2.97	1.29	0.99	8.33	1.38	1.14	2.59	1.09	0.90	3.89	3.39	1.09	8.95	3.58	2.90	1.09	3.58	2.90
Grand Rapids, Mich.	68.29	1.21	4.27	1.94	0.88	7.09	1.28	1.28	2.37	1.00	0.83	2.21	1.19	1.09	1.53	0.61	1.38	1.09	0.61	1.38
Indianapolis, Ind.	67.99	1.19	1.74	1.04	0.92	9.49	1.33	1.28	2.60	1.09	0.91	1.73	0.90	1.09	4.36	1.66	1.38	1.09	1.66	1.38
Buffalo, N. Y.	67.59	1.18	2.60	1.13	0.97	7.99	1.28	1.23	3.25	1.37	1.17	1.41	1.27	1.09	7.84	3.19	2.72	1.09	3.19	2.72
Boston, Mass.	66.94	1.16	3.03	1.32	0.91	8.43	1.31	1.14	3.04	1.28	1.06	1.10	1.04	1.02	7.37	2.95	2.54	1.02	2.95	2.54
Cleveland, Ohio.	66.42	1.15	5.94	2.58	0.83	8.06	1.31	1.20	3.04	1.28	1.06	1.10	1.04	1.02	7.37	2.95	2.54	1.02	2.95	2.54
Omaha, Neb.	65.74	1.14	2.43	1.06	0.83	8.43	1.31	1.14	3.04	1.28	1.06	1.10	1.04	1.02	7.37	2.95	2.54	1.02	2.95	2.54
Newark, N. J.	64.21	1.11	2.37	1.12	0.84	5.67	0.92	0.80	2.14	1.30	0.84	1.73	1.17	1.02	7.90	3.18	2.79	1.02	3.18	2.79
Oakland, Calif.	63.99	1.09	2.09	0.91	0.83	5.34	0.87	0.80	2.14	1.30	0.84	1.73	1.17	1.02	7.90	3.18	2.79	1.02	3.18	2.79
Indianapolis, Ind.	63.96	1.09	2.70	1.17	0.83	7.01	1.14	1.05	2.99	1.26	0.84	1.61	1.15	1.02	4.91	1.84	1.60	1.02	1.84	1.60
Albuquerque, N. M.	61.80	1.07	2.02	0.91	0.83	8.19	1.33	1.24	3.28	1.38	1.20	2.03	1.10	1.05	4.83	1.82	1.59	1.05	1.82	1.59
Albuquerque, N. M.	60.58	1.04	2.00	0.89	0.86	7.75	1.28	1.20	4.01	2.06	1.04	2.03	1.10	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.25	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.11	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18	1.13	1.19	1.50	0.86	1.04	1.04	1.05	3.68	1.47	1.41	1.05	1.47	1.41
Washburn, Wis.	60.05	1.04	3.07	1.33	0.86	7.28	1.18													

Memphis, Tenn.	57.92	1.00	1.31	57.92	37.91	.87	.87	4.38	71	.71	7.79	3.20	3.26	1.12	6.50	2.62	2.62
St. Louis, Mo.	57.96	1.00	2.20	57.96	42.17	.97	.97	7.20	117	.71	1.17	4.04	1.72	1.12	6.50	2.62	2.62
Columbus, Ohio.	51.43	.94	1.74	57.80	42.20	.97	.96	10.21	166	.96	1.68	1.74	1.72	1.17	6.50	2.62	2.62
St. Paul, Minn.	54.83	.84	1.67	78.78	33.80	.80	.80	7.78	113	.13	1.04	1.69	1.74	1.10	2.98	1.19	1.23
Providence, R. I.	54.33	.84	1.67	73.78	33.80	.80	.80	7.78	113	.13	1.04	1.69	1.74	1.10	2.98	1.19	1.23
Providence, Mass.	52.83	.81	1.44	63.69	40.23	.93	.88	7.59	123	.23	1.33	2.83	1.20	.94	4.75	1.90	2.08
Chicago, Ill.	52.57	.91	2.10	91.50	38.71	.89	.89	7.99	130	.30	1.43	2.48	1.04	.65	.79	.23	.35
Chicago, Ill.	52.57	.91	2.10	91.50	38.71	.89	.89	7.99	130	.30	1.43	2.48	1.04	.65	.79	.23	.35
St. Paul, Minn.	52.26	.80	1.60	70.78	41.70	.86	.86	7.67	125	.25	1.39	3.00	1.47	.53	.08	.08	.08
St. Paul, Minn.	52.26	.80	1.60	70.78	41.70	.86	.86	7.67	125	.25	1.39	3.00	1.47	.53	.08	.08	.08
St. Paul, Minn.	50.59	.87	1.21	53.61	34.88	.80	.82	9.68	157	.57	1.80	1.08	1.45	1.12	.08	.08	.08
St. Paul, Minn.	49.59	.86	1.89	82.95	35.97	.83	.87	4.28	68	.80	1.80	1.18	1.50	1.61	4.70	1.80	2.19
St. Paul, Minn.	47.64	.82	2.11	92.96	31.17	.79	.88	5.50	89	.89	1.09	3.34	1.50	1.61	4.70	1.80	2.19
St. Paul, Minn.	45.15	.78	2.21	96.67	31.17	.79	.88	6.21	101	.01	1.28	2.25	1.95	.61	4.71	1.80	2.20
St. Paul, Minn.	43.63	.75	1.14	50.67	33.09	.76	.76	1.01	5.85	.95	1.27	2.27	1.27	.20	2.24	1.10	1.03
New Haven, Conn.	43.90	.74	1.04	45.61	32.88	.76	.76	1.03	4.86	.79	1.07	2.02	1.15	.20	1.11	.44	.59
New Haven, Conn.	43.90	.74	1.04	45.61	32.88	.76	.76	1.03	4.86	.79	1.07	2.02	1.15	.20	1.11	.44	.59
New Haven, Conn.	41.88	.72	1.03	45.63	33.91	.78	.78	1.08	4.62	.73	1.04	1.30	1.55	.76	1.85	.34	.46
New Haven, Conn.	41.88	.72	1.03	45.63	33.91	.78	.78	1.08	4.62	.73	1.04	1.30	1.55	.76	1.85	.34	.46
New Haven, Conn.	41.82	.71	1.25	54.76	32.10	.74	.74	1.04	5.64	.93	1.34	2.45	1.03	.23	2.29	1.17	1.17
New Orleans, La.	40.63	.70	3.19	1.39	33.15	.76	.76	1.09	3.18	.54	1.34	1.03	1.45	.18	2.11	.08	.11
New Orleans, La.	40.63	.70	3.19	1.39	33.15	.76	.76	1.09	3.18	.54	1.34	1.03	1.45	.18	2.11	.08	.11
Baltimore, Md.	38.28	.69	1.09	47.71	31.51	.73	.73	1.11	4.98	.79	1.20	6.22	1.07	.02	1.19	.08	.12
Baltimore, Md.	38.28	.69	1.09	47.71	31.51	.73	.73	1.11	4.98	.79	1.20	6.22	1.07	.02	1.19	.08	.12
Nashville, Tenn.	34.12	.59	1.18	61.86	26.23	.61	.61	3.73	61	.31	1.03	1.31	1.63	.42	3.60	1.44	2.33
Nashville, Tenn.	34.12	.59	1.18	61.86	26.23	.61	.61	3.73	61	.31	1.03	1.31	1.63	.42	3.60	1.44	2.33
Nashville, Tenn.	33.12	.57	1.07	59.81	23.58	.55	.55	3.24	38	.38	1.90	1.82	1.44	.71	3.60	1.44	2.33
Nashville, Tenn.	31.45	.54	.90	39.72	20.53	.51	.51	2.24	38	.38	1.15	1.48	1.44	.71	3.60	1.44	2.33
Atlanta, Ga.	31.45	.54	.90	39.72	20.53	.51	.51	2.24	38	.38	1.15	1.48	1.44	.71	3.60	1.44	2.33
Average	57.83	1.00	2.30	1.00	43.36	1.00	.91	6.16	1.00	.95	2.38	1.00	1.13	1.00	2.50	2.00	2.32
First quartile	57.83	1.00	1.10	.70	33.96	.90	.83	6.16	1.00	.83	2.38	1.00	1.13	1.00	2.50	2.00	2.32
Third quartile	57.83	1.00	1.10	.70	33.96	.90	.83	6.16	1.00	.83	2.38	1.00	1.13	1.00	2.50	2.00	2.32

TABLE 59.—Analysis of the current expenses per student in average daily attendance in 235 city school systems, 1917-18.—Continued.

GROUP II (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.			Fitted 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.								
				Positive.	Negative.		Positive.	Negative.		Positive.	Negative.		Positive.	Negative.		Positive.	Negative.										
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	
Butte, Mont.	8104.75	2.01	188.59	4.94	2.46	468.78	91	0.95	2.99	0.77	1.49	5.00	1.84	0.92	0.80	0.40	0.43	0.43	0.80	0.40	0.40	1.18	6.72	1.63	0.21	0.21	
Pasadena, Calif.	103.28	1.98	2.35	1.85	0.68	1.08	2.08	1.08	1.83	1.08	1.83	1.08	1.83	1.08	1.83	1.08	1.83	1.08	1.83	1.08	1.83	1.08	1.83	1.08	1.83	1.08	1.83
San Jose, Calif.	72.70	1.40	1.57	1.30	0.64	1.19	1.19	1.31	0.94	1.19	1.19	1.31	0.94	1.19	1.19	1.31	0.94	1.19	1.19	1.31	0.94	1.19	1.19	1.31	0.94	1.19	1.19
San Marcos, Iowa.	68.73	1.31	2.90	1.67	1.81	47.41	81	1.27	48.70	1.33	9.24	1.38	0.71	1.10	6.98	2.20	1.75	2.54	1.37	1.96	1.65	4.32	1.09	0.86	2.09	2.09	
Bay City, Mich.	61.37	1.18	2.69	1.55	1.31	47.60	112	1.12	42.84	1.19	6.57	0.94	0.88	2.73	1.01	0.86	1.79	1.01	0.86	1.79	1.01	0.86	1.79	1.01	0.86	1.79	1.01
Elizabeth, N. J.	59.91	1.15	1.74	1.00	0.87	41.99	117	1.35	41.99	1.17	5.61	2.06	0.96	3.11	1.14	0.96	1.14	0.96	1.14	0.96	1.14	0.96	1.14	0.96	1.14	0.96	1.14
St. Paul, Minn.	58.25	1.12	1.88	1.04	0.90	39.07	108	0.96	39.07	1.08	8.31	1.27	0.80	1.13	0.62	0.64	0.64	1.13	0.62	0.64	1.13	0.62	0.64	1.13	0.62	0.64	1.13
Chicago, Ill.	56.91	1.09	1.33	0.84	0.81	36.76	102	0.94	36.76	1.02	7.91	1.14	0.80	1.08	0.78	1.30	1.38	1.38	1.30	1.38	1.30	1.38	1.30	1.38	1.30	1.38	1.30
St. Louis, Mo.	55.23	1.07	1.88	1.08	0.79	33.45	100	0.91	33.45	1.09	6.51	1.09	0.85	1.04	0.61	0.90	0.91	1.04	0.61	0.90	0.91	1.04	0.61	0.90	0.91	1.04	0.61
Springfield, Ill.	54.81	1.05	1.89	1.08	0.71	42.04	117	1.11	42.04	1.17	7.27	1.09	0.85	1.32	0.41	0.80	0.81	1.32	0.41	0.80	0.81	1.32	0.41	0.80	0.81	1.32	0.41
Springfield, Ind.	54.74	1.05	1.78	1.02	0.97	37.19	103	0.98	37.19	1.03	9.31	1.39	0.81	1.27	0.41	2.00	1.72	1.4	1.4	1.72	1.4	1.72	1.4	1.72	1.4	1.72	1.4
Springfield, R. I.	54.28	1.04	2.10	1.21	1.16	37.47	104	0.98	37.47	1.04	11.4	1.32	0.98	3.17	1.11	1.31	1.31	1.11	1.31	1.31	1.11	1.31	1.31	1.11	1.31	1.31	1.11
Wilmington, W. Va.	52.72	1.01	1.30	0.80	0.79	41.40	115	1.14	41.40	1.15	6.62	0.99	0.98	1.14	0.99	0.98	1.14	0.99	0.98	1.14	0.99	0.98	1.14	0.99	0.98	1.14	0.99
Elizabeth, N. J.	50.56	0.97	1.36	0.78	0.87	33.43	93	0.96	33.43	0.93	5.17	0.92	0.93	3.17	1.11	1.31	1.31	1.11	1.31	1.31	1.11	1.31	1.31	1.11	1.31	1.31	1.11



Terre Haute, Ind.	30.21	1.45	.83	.86	1.04	32.78	1.01	.97	1.10	5.37	1.14	.94	1.35	1.31	.74	.77	2.35	2.64	59.14	1.15
Lynn, Mass.	49.02	1.74	1.04	.97	1.03	32.78	1.01	.97	1.10	7.99	1.14	.94	1.35	1.31	.74	.77	2.35	2.64	59.14	1.15
Manchester, N. H.	47.82	1.68	.97	.96	1.03	36.28	1.01	.97	1.10	6.30	1.08	.94	1.07	1.07	.87	.87	1.71	1.77	4.21	1.03
Wilkes-Barre, Pa.	47.59	1.52	.87	.84	1.01	30.07	.78	.84	1.01	2.07	1.01	.91	1.11	1.07	1.03	1.03	1.08	2.79	4.25	1.94
Kansas City, Kans.	46.35	2.58	1.23	1.04	1.21	32.50	.81	.92	1.01	10.16	1.32	1.02	1.11	1.03	1.31	1.31	2.34	2.79	4.25	1.94
Oakbrook, Wis.	46.22	2.88	1.27	1.04	1.64	28.79	.81	.92	1.01	5.82	1.27	.99	1.11	1.03	1.22	1.22	3.34	4.45	4.82	1.10
Oshtemo, Ill.	43.97	1.71	.71	.87	1.31	28.79	.81	.92	1.01	4.75	1.05	.99	1.25	1.39	1.44	1.44	3.34	4.45	4.82	1.10
Albany, Pa.	42.80	1.91	1.10	1.36	1.66	31.06	.86	.98	1.05	7.00	1.05	.99	1.25	1.39	1.44	1.44	3.34	4.45	4.82	1.10
Albany, N. Y.	41.64	1.84	1.34	1.20	1.31	29.65	.82	.98	1.05	3.17	1.05	.99	1.25	1.39	1.44	1.44	3.34	4.45	4.82	1.10
Albany, Ohio	41.64	1.84	1.34	1.20	1.31	29.65	.82	.98	1.05	3.17	1.05	.99	1.25	1.39	1.44	1.44	3.34	4.45	4.82	1.10
Lexington, Ky.	38.36	1.74	1.59	1.53	1.24	27.16	.75	.95	1.01	5.55	.83	.79	1.04	1.04	1.20	1.20	2.00	2.50	5.59	1.37
Springfield, Mo.	32.99	1.63	1.36	1.28	1.24	21.77	.66	.95	1.01	4.70	.77	.77	1.07	1.07	1.11	1.11	2.00	2.50	5.59	1.37
Flint, Mich.	31.82	1.61	1.26	1.28	1.18	22.21	.62	.95	1.01	5.18	.77	.64	1.22	1.22	1.27	1.27	2.00	2.50	5.59	1.37
Mobile, Ala.	30.17	1.58	1.28	1.28	1.18	22.21	.62	.95	1.01	4.70	.77	.64	1.22	1.22	1.27	1.27	2.00	2.50	5.59	1.37
Savannah, Ga.	29.37	1.56	1.02	1.02	1.05	25.56	.72	.95	1.02	2.58	.99	.64	1.04	1.04	1.04	1.04	3.06	3.83	6.28	1.09
Charleston, S. C.	28.37	1.54	1.02	1.02	1.05	25.56	.72	.95	1.02	2.58	.99	.64	1.04	1.04	1.04	1.04	3.06	3.83	6.28	1.09
Charleston, N. C.	28.37	1.54	1.02	1.02	1.05	25.56	.72	.95	1.02	2.58	.99	.64	1.04	1.04	1.04	1.04	3.06	3.83	6.28	1.09
Montgomery, Ala.	26.81	1.51	1.32	1.28	1.10	21.83	.56	.95	1.02	2.78	.81	.80	1.73	1.48	1.54	1.54	1.62	2.03	3.54	1.08
Roanoke, Va.	24.34	1.47	1.31	1.28	1.10	20.43	.57	.95	1.02	2.57	.81	.80	1.73	1.48	1.54	1.54	1.62	2.03	3.54	1.08
Little Rock, Ark.	24.06	1.46	1.08	1.08	1.35	20.98	.55	.95	1.02	1.18	.83	.80	1.25	1.12	1.24	1.24	1.01	1.02	3.53	1.13
Charlotte, N. C.	22.72	1.44	1.23	1.23	1.62	18.25	.51	.95	1.02	1.96	.90	.88	1.62	1.23	1.24	1.24	1.01	1.02	3.53	1.13
Average	52.09	1.09	1.74	1.09	1.09	36.06	1.00	.95	1.10	6.70	1.00	.79	2.72	2.72	1.00	1.00	.80	1.00	4.07	1.00
First quartile	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77
Third quartile	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31

Table 50—Analysis of the current expenses per student in average daily attendance in 225 city school systems, 1917-18—Continued.

GROUP III (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.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.
Balse, Idaho	\$35.25	1.91	35.61	2.48	1.30	40.81	1.34	0.70	13.99	3.04	1.59	8.84	4.06	2.13	40.61	0.77	0.40	13.79	3.88	2.03
Brookline, Mass.	85.97	1.72	2.92	1.29	0.75	62.90	1.80	0.70	13.37	2.06	1.20	8.08	2.53	1.35	1.35	0.77	0.40	1.70	2.20	0.12
Hackensack, N. J.	83.02	1.66	3.13	1.33	0.83	53.32	1.53	0.71	9.71	1.89	1.20	4.26	1.61	1.17	1.35	0.80	0.48	13.05	3.68	2.22
Great Falls, Mont.	74.83	1.49	3.59	1.58	1.06	51.12	1.47	0.80	10.94	1.69	1.12	2.26	1.71	1.08	0.83	0.86	0.38	4.32	1.78	1.19
Stout Falls, S. Dak.	71.02	1.42	4.54	2.01	1.42	44.34	1.27	0.60	12.58	1.94	1.37	3.80	1.71	1.25	1.26	0.77	0.55	6.32	1.78	0.81
Wilkinsburg, Pa.	66.75	1.40	3.63	1.61	1.15	42.50	1.22	0.87	9.94	1.54	1.10	1.48	1.68	1.25	1.36	0.77	0.55	11.64	3.26	2.34
Cheyenne, Wyo.	66.16	1.39	2.01	0.89	0.64	49.65	1.45	1.00	7.89	1.22	0.84	2.36	1.49	1.70	0.51	0.68	0.49	4.02	1.13	0.81
Colorado Springs, Colo.	63.88	1.28	3.91	1.73	1.35	46.18	1.33	1.04	6.15	0.95	0.74	3.00	1.47	2.07	1.31	0.45	0.49	5.38	1.49	1.19
Baltimore, Wash.	62.92	1.26	2.34	1.04	0.83	42.45	1.22	0.97	5.67	0.91	0.72	2.61	1.67	5.28	1.31	0.98	1.57	5.28	1.49	1.18
Paro, N. Dak.	61.71	1.24	3.56	1.58	1.26	36.94	1.06	0.85	15.80	2.41	1.63	2.13	0.86	2.07	1.31	0.98	1.57	3.72	1.05	0.84
London, W. Va.	58.40	1.19	2.75	1.22	1.03	44.11	1.27	1.06	10.49	1.62	1.33	2.13	0.78	8.84	1.33	0.88	7.0	2.91	0.57	0.46
Sanford, N. H.	58.34	1.18	1.67	0.74	0.83	43.69	1.26	1.14	4.97	0.78	0.68	1.09	0.89	2.40	3.64	2.06	3.39	0.65	0.80	
Princeton, N. C.	58.24	1.17	1.54	0.65	1.13	41.74	1.22	1.13	4.91	0.74	0.66	2.28	0.94	2.40	3.64	2.06	3.39	0.65	0.80	
Pasadena, Calif.	58.44	1.17	1.54	0.65	0.83	38.90	1.22	0.93	7.40	1.14	0.97	1.63	0.75	1.63	0.53	0.45	4.26	1.20	1.03	
Parkersburg, W. Va.	58.35	1.17	1.54	0.65	1.03	42.45	1.22	0.97	1.32	0.14	0.12	2.70	1.24	1.09	0.63	0.47	2.11	6.77	1.63	1.39
Albuquerque, N. Mex.	57.02	1.14	2.49	1.10	0.86	33.45	1.21	0.90	2.88	0.54	0.46	2.71	1.24	1.09	0.63	0.47	2.11	1.17	0.33	0.28
Newport, R. I.	54.89	1.10	1.65	0.73	0.86	33.45	1.21	0.90	6.19	0.85	0.73	0.99	0.91	1.63	0.29	0.25	2.17	6.60	1.83	1.61
Leevenworth, Kans.	54.64	1.09	1.07	0.39	1.25	38.72	1.11	1.02	6.21	0.65	0.58	0.21	0.65	2.59	1.90	1.36	1.24	1.17	0.33	0.30
Phoenix, Ariz.	54.45	1.08	2.99	1.19	1.03	39.08	1.12	1.03	8.71	1.23	0.92	0.41	0.68	1.60	2.42	1.39	1.90	0.72	1.16	1.79
Burlington, Vt.	52.10	1.04	2.73	1.21	1.16	31.63	1.03	0.99	4.64	0.70	0.66	1.15	1.04	3.87	2.82	1.63	0.87	6.72	1.63	1.0
Battle Creek, Mich.	50.26	1.02	2.27	1.00	0.96	34.02	0.96	0.96	10.57	1.63	1.50	1.65	0.78	2.08	3.12	1.77	1.27	6.71	1.63	1.0

Albany, N. Y.	50.53	1.01	3.45	1.32	1.56	34.05	1.13	.98	.97	1.74	7.91	1.21	1.58	1.20	1.47	.07	.09	1.75	2.05	2.02	1.92	.51	.60
Albany, N. Y.	44.87	1.04	2.87	1.56	1.63	32.17	1.13	.97	.97	1.74	7.71	1.58	1.58	1.13	1.04	.11	.31	2.25	2.05	2.02	3.12	.87	.89
Beckwith, Ill.	48.39	.97	1.31	.59	1.63	31.20	1.08	.97	.97	1.01	6.85	1.04	1.04	1.08	1.34	.20	.12	.46	.71	1.71	4.10	1.27	1.17
Grand Island, Nebr.	47.75	.95	3.23	1.43	1.51	32.94	1.00	.97	.97	1.00	6.72	1.08	1.08	1.14	1.84	.20	.18	.45	.71	1.71	4.28	1.21	1.26
Lebanon, Mo.	47.49	.94	2.51	1.11	1.51	29.61	1.00	.98	.98	1.00	6.51	1.08	1.08	1.14	1.61	.53	.88	.80	1.05	1.07	4.28	1.21	1.26
Manitowish, Minn.	46.78	.96	2.42	1.07	1.72	30.62	1.00	.98	.98	1.00	6.51	1.08	1.08	1.14	1.61	.53	.88	.80	1.05	1.07	4.28	1.21	1.26
Manitowish, Minn.	46.78	.96	2.42	1.07	1.72	30.62	1.00	.98	.98	1.00	6.51	1.08	1.08	1.14	1.61	.53	.88	.80	1.05	1.07	4.28	1.21	1.26
Waco, Tex.	42.98	.83	1.74	.77	1.83	30.77	1.00	.94	.94	1.00	5.40	1.12	1.12	1.00	1.57	.26	.31	.88	1.33	1.60	4.03	1.41	1.64
Morwalk, Conn.	41.39	.81	1.30	.36	1.72	24.51	1.00	.94	.94	1.00	5.40	1.12	1.12	1.00	1.57	.26	.31	.88	1.33	1.60	4.03	1.41	1.64
Wilmington, N. C.	40.38	.75	1.88	.83	1.11	23.43	1.00	.94	.94	1.00	7.24	1.24	1.24	1.05	4.76	.18	.76	.22	1.13	1.17	2.33	1.12	1.15
Edinburg, Ind.	37.36	.70	2.11	.83	1.33	24.93	1.00	.94	.94	1.00	8.04	1.43	1.43	1.05	1.46	.67	.86	.22	1.13	1.17	2.33	1.12	1.15
Edinburg, Ind.	37.36	.70	2.11	.83	1.33	24.93	1.00	.94	.94	1.00	8.04	1.43	1.43	1.05	1.46	.67	.86	.22	1.13	1.17	2.33	1.12	1.15
Port Smith, Ark.	34.83	.65	1.80	.60	1.23	23.98	1.00	.99	.99	1.00	4.80	1.74	1.74	1.14	2.98	.27	.42	.09	1.13	1.71	2.63	1.44	1.18
Auburn, Me.	32.63	.65	1.80	.60	1.23	23.98	1.00	.99	.99	1.00	4.80	1.74	1.74	1.14	2.98	.27	.42	.09	1.13	1.71	2.63	1.44	1.18
Jackson, Miss.	31.25	.63	1.32	.64	1.23	21.73	1.00	.92	.92	1.00	2.87	1.44	1.44	1.14	2.98	.27	.42	.09	1.13	1.71	2.63	1.44	1.18
Petersburg, Va.	29.08	.54	.92	.41	1.71	21.73	1.00	.92	.92	1.00	2.87	1.44	1.44	1.14	2.98	.27	.42	.09	1.13	1.71	2.63	1.44	1.18
Columbus, Ga.	28.61	.57	2.43	1.06	1.89	20.03	1.00	.98	.98	1.00	3.16	1.49	1.49	1.00	3.16	.28	.45	.45	1.00	1.17	3.06	1.12	1.03
Columbus, Ga.	28.61	.57	2.43	1.06	1.89	20.03	1.00	.98	.98	1.00	3.16	1.49	1.49	1.00	3.16	.28	.45	.45	1.00	1.17	3.06	1.12	1.03
Wilmington, N. C.	28.05	.54	1.78	.79	1.46	20.20	1.00	.94	.94	1.00	2.88	1.43	1.43	1.00	2.88	.44	.77	.14	1.13	1.14	3.54	1.15	1.23
Wilmington, N. C.	28.05	.54	1.78	.79	1.46	20.20	1.00	.94	.94	1.00	2.88	1.43	1.43	1.00	2.88	.44	.77	.14	1.13	1.14	3.54	1.15	1.23
Wilmington, N. C.	24.97	.50	1.10	.49	1.86	19.40	1.00	.95	.95	1.00	3.23	1.50	1.50	1.00	3.23	.45	.90	.01	1.02	1.39	4.65	1.13	1.24
Wilmington, N. C.	24.97	.50	1.10	.49	1.86	19.40	1.00	.95	.95	1.00	3.23	1.50	1.50	1.00	3.23	.45	.90	.01	1.02	1.39	4.65	1.13	1.24
Cumberland, Md.	24.97	.50	1.10	.49	1.86	19.40	1.00	.95	.95	1.00	3.23	1.50	1.50	1.00	3.23	.45	.90	.01	1.02	1.39	4.65	1.13	1.24
Cumberland, Md.	24.97	.50	1.10	.49	1.86	19.40	1.00	.95	.95	1.00	3.23	1.50	1.50	1.00	3.23	.45	.90	.01	1.02	1.39	4.65	1.13	1.24
Shawnee, Pa.	22.91	.46	1.35	.60	1.30	18.51	1.00	.93	.93	1.00	2.38	1.31	1.31	1.04	1.40	.64	.78	.24	1.13	1.35	1.91	1.02	1.04
Shawnee, Pa.	22.91	.46	1.35	.60	1.30	18.51	1.00	.93	.93	1.00	2.38	1.31	1.31	1.04	1.40	.64	.78	.24	1.13	1.35	1.91	1.02	1.04
Spartanburg, S. C.	20.52	.41	.97	.43	1.05	16.05	1.00	.93	.93	1.00	2.38	1.31	1.31	1.04	1.40	.64	.78	.24	1.13	1.35	1.91	1.02	1.04
Spartanburg, S. C.	20.52	.41	.97	.43	1.05	16.05	1.00	.93	.93	1.00	2.38	1.31	1.31	1.04	1.40	.64	.78	.24	1.13	1.35	1.91	1.02	1.04
Jackson, Tenn.	20.45	.41	.70	.31	.76	16.42	1.00	.93	.93	1.00	2.31	1.36	1.36	1.04	1.40	.64	.78	.24	1.13	1.35	1.91	1.02	1.04
Jackson, Tenn.	20.45	.41	.70	.31	.76	16.42	1.00	.93	.93	1.00	2.31	1.36	1.36	1.04	1.40	.64	.78	.24	1.13	1.35	1.91	1.02	1.04
Average	49.92	1.07	2.26	1.00	1.24	34.81	1.00	1.00	1.00	1.00	6.47	1.30	1.30	1.17	2.18	1.00	1.00	.66	1.00	3.55	1.00	1.00	1.23
First quartile	41.23	.95	1.26	.79	1.24	28.79	1.00	.97	.97	1.00	5.51	1.24	1.24	1.17	2.18	1.00	1.00	.66	1.00	3.55	1.00	1.00	1.23
Third quartile	50.65	1.06	2.87	1.43	1.51	32.94	1.00	.98	.98	1.00	6.72	1.08	1.08	1.14	1.61	.53	.88	.80	1.05	1.07	4.28	1.21	1.26

TABLE 59.—Analysis of the current expenses per student in average daily attendance in 225 city school systems, 1917-18—Continued.

GROUP IV (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.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	Geometrical deviation from total cost ratio.
1	\$100.70	2.12	86.11	2.47	1.17	88.28	1.86	0.88	82.75	3.35	1.36	82.59	1.22	0.58	87.01	7.38	3.48	84.96	1.19	0.56
2	84.62	1.78	5.04	2.04	1.15	54.01	1.73	0.97	16.22	2.50	1.45	4.86	2.20	1.28	2.25	2.33	1.33	10.19	2.44	1.37
3	81.98	1.72	4.42	1.79	1.04	49.21	1.57	0.91	7.34	1.13	1.15	5.32	2.51	1.46	3.1	3.33	1.19	6.52	1.96	0.85
4	64.23	1.35	1.24	1.50	0.37	43.70	1.58	0.41	3.64	0.56	1.05	1.24	0.58	0.43	4.5	4.7	0.35	3.37	1.98	1.47
5	63.40	1.33	1.11	1.45	0.34	41.53	1.39	0.53	7.34	1.24	1.06	6.44	2.87	1.83	2.44	2.57	1.33	5.33	1.28	1.02
6	60.09	1.26	2.36	1.96	0.78	40.67	1.35	0.74	8.04	1.24	1.06	1.98	2.83	1.74	8.85	8.89	0.71	5.33	1.54	1.11
7	57.76	1.22	2.76	1.12	0.92	37.69	1.20	1.07	7.81	1.17	1.14	4.24	1.76	1.48	5.01	2.22	1.18	5.41	1.37	1.15
8	56.47	1.19	1.53	0.62	0.52	38.06	1.22	1.01	6.36	1.07	1.24	3.72	2.87	2.41	0.04	0.04	0.03	5.41	1.23	1.19
9	55.48	1.17	2.84	1.15	0.96	38.02	1.22	1.04	6.36	1.07	1.24	3.72	2.87	2.41	0.04	0.04	0.03	5.41	1.23	1.19
10	54.74	1.15	2.52	1.02	0.89	31.22	1.00	0.87	6.61	1.02	1.07	1.95	2.62	1.79	1.37	1.44	1.15	6.30	1.48	1.26
11	53.19	1.12	1.13	1.07	1.04	34.96	1.16	1.04	7.81	1.30	1.04	1.04	0.90	0.78	1.37	1.44	1.25	11.12	2.06	2.31
12	52.35	1.10	3.20	1.42	1.23	33.64	1.14	1.04	6.92	1.06	1.07	1.77	1.44	1.75	0.92	0.92	0.91	3.07	1.73	0.63
13	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
14	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
15	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
16	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
17	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
18	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
19	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
20	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
21	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
22	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
23	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
24	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
25	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
26	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
27	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
28	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
29	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
30	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
31	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
32	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
33	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
34	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
35	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
36	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
37	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
38	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
39	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
40	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
41	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
42	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
43	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
44	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53
45	51.60	1.09	2.31	1.74	1.01	32.40	1.03	0.95	7.0	0.96	1.12	1.77	1.44	1.75	0.92	0.92	0.91	2.41	1.58	0.53

Franklin, N. Y.	15.45	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. V.	14.15	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	42.87	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	40.82	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	39.46	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	38.69	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	37.80	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	35.54	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	33.32	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	33.08	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	30.39	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	28.67	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	28.50	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	28.49	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	25.91	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	24.31	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Franklin, W. Va.	18.02	1.01	1.16	1.01	58.06	92	72	1.51	1.07	2.1	1.7	1.1	1.1	1.04	4.33	1.04	1.09
Average.....	47.51	1.00	2.47	1.00	31.29	1.00	1.18	1.00	2.12	1.00	1.33	1.00	1.00	4.18	1.00	1.00	1.36
First quartile.....	1.14	1.17	1.79	1.17	1.87	1.31	1.73	1.08	1.13	1.55	1.31	1.08	1.08	1.08	1.08	1.08	1.36
Third quartile.....	1.71	1.79	1.79	1.79	1.87	1.31	1.73	1.08	1.13	1.55	1.31	1.08	1.08	1.08	1.08	1.08	1.36

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.	Ratio to average.	(Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	(Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	(Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	(Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	(Geometrical deviation from total cost ratio.	Amount.	Ratio to average.	(Geometrical deviation from total cost ratio.		
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Monrovia, Calif.	\$102.69	2.31	\$4.57	1.50	0.68	468.69	2.36	1.02	10.38	1.65	0.71	85.59	3.52	1.52	1.24	1.41	0.61	\$12.22	3.45	1.46		
Newtown, N. H.	1.90	1.52	1.44	1.50	1.03	37.70	1.54	1.03	5.06	1.80	0.50	2.43	1.53	0.96	1.34	1.18	1.13	11.34	3.22	2.16		
Roseton, Pa.	87.82	1.92	1.54	1.50	0.87	42.40	1.67	1.10	1.91	1.91	0.57	1.98	1.25	0.80	2.11	1.19	1.25	1.13	3.22	0.86		
Yankton, S. Dak.	60.14	1.33	2.67	1.54	1.14	48.19	1.28	1.10	8.46	1.90	0.99	5.64	3.21	1.11	2.24	2.27	2.01	5.13	1.44	1.23		
Springfield, Vt.	58.31	1.31	2.67	1.54	1.14	35.21	1.24	1.00	8.15	1.30	0.99	3.71	2.53	1.11	1.74	1.01	1.80	5.04	1.20	1.23		
Manistique, Mich.	57.37	1.29	4.37	1.44	1.12	37.11	1.27	1.00	13.51	2.14	0.66	3.71	2.53	1.11	1.74	1.01	1.80	6.71	1.89	1.46		
Kilbuck, Wash.	55.16	1.27	4.46	1.47	1.16	37.11	1.27	1.06	8.62	1.37	0.86	3.71	2.53	1.11	1.74	1.01	1.80	7.85	2.21	1.74		
Hannestown, N. Dak.	54.66	1.26	3.48	1.14	0.93	41.25	1.42	1.15	7.62	1.21	0.68	1.55	1.97	0.79	1.07	0.88	0.67	0.04	1.87	1.51		
Bad Lodge, Mont.	54.17	1.25	3.79	1.55	1.27	37.55	1.29	1.04	5.35	0.85	0.70	2.07	1.30	0.33	1.07	0.43	0.40	4.07	1.14	0.93		
Murray, Utah.	53.91	1.21	3.99	1.31	1.08	36.86	1.26	1.03	7.13	1.13	0.93	6.95	1.14	0.96	3.38	0.67	0.76	5.08	1.64	1.18		
Clifton, Ariz.	53.91	1.21	3.99	1.31	1.08	36.86	1.26	1.03	6.95	1.14	0.92	1.81	1.14	0.96	3.38	0.67	0.76	5.08	1.64	1.39		
Collingswood, N. J.	51.66	1.16	2.91	1.37	1.19	31.71	1.23	1.04	8.33	1.56	1.04	1.27	1.21	0.98	1.81	0.69	1.00	3.45	0.97	0.84		
Lamar, Colo.	51.66	1.16	2.91	1.37	1.19	31.71	1.23	1.04	8.33	1.56	1.04	1.27	1.21	0.98	1.81	0.69	1.00	3.45	0.97	0.84		
Lawrence, Kans.	49.64	1.12	1.89	1.65	1.10	31.88	1.16	1.04	7.06	1.22	1.03	1.10	1.21	0.98	1.81	0.69	1.00	3.45	0.97	0.84		
Perre, Cal.	49.64	1.12	1.89	1.65	1.10	31.88	1.16	1.04	7.06	1.22	1.03	1.10	1.21	0.98	1.81	0.69	1.00	3.45	0.97	0.84		
Albany, N. Y.	49.64	1.12	1.89	1.65	1.10	31.88	1.16	1.04	7.06	1.22	1.03	1.10	1.21	0.98	1.81	0.69	1.00	3.45	0.97	0.84		
Albany, N. Y.	49.64	1.12	1.89	1.65	1.10	31.88	1.16	1.04	7.06	1.22	1.03	1.10	1.21	0.98	1.81	0.69	1.00	3.45	0.97	0.84		
Idaho Falls, Idaho	46.84	1.03	2.04	1.92	0.88	25.14	0.97	1.01	5.55	0.88	0.87	1.11	1.14	0.96	2.30	0.70	0.70	5.43	1.50	1.43		
Hannestown, N. Y.	46.84	1.03	2.04	1.92	0.88	25.14	0.97	1.01	5.55	0.88	0.87	1.11	1.14	0.96	2.30	0.70	0.70	5.43	1.50	1.43		
Oregon City, Ore.	46.12	1.04	1.94	1.92	0.88	25.14	0.97	1.01	5.55	0.88	0.87	1.11	1.14	0.96	2.30	0.70	0.70	5.43	1.50	1.43		
Thief River Falls, Minn.	46.04	1.03	2.85	1.94	1.31	29.01	1.00	1.01	9.83	1.30	0.84	1.31	1.04	1.28	1.24	0.25	0.24	1.82	1.50	1.44		

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Millrocker, Me.	98	2.40	7.21	51	29.01	1.31	1.54	1.26	1.21	70	.81	.25	.76	1.26	25	1.97	
Mosca, Ohio	43.41	98	2.61	7.21	51	29.01	1.31	1.54	1.26	1.21	70	.81	.25	.76	1.26	25	1.97
Mosby, Okla.	40.31	98	6.36	2.04	1.01	4.43	1.02	1.12	1.01	1.09	.41	.12	.91	1.32	37	.41	1.87
Cynthiana, Ky.	40.21	88	6.36	2.04	1.01	4.43	1.02	1.12	1.01	1.09	.41	.12	.91	1.32	37	.41	1.87
East Greenwich, R. I.	39.25	88	1.10	3.65	1.06	2.71	1.72	1.85	1.38	1.41	.59	.14	.65	1.91	15	1.16	.18
Winchester, Ind.	38.94	87	2.30	7.68	1.03	2.71	1.72	1.85	1.38	1.41	.59	.14	.65	1.91	15	1.16	.18
Brooksbury, Pa.	38.26	84	3.63	1.19	1.03	5.41	1.61	1.96	1.34	1.34	.63	.21	1.06	2.40	34	1.39	.65
Medina, Ohio	37.29	84	3.09	1.21	1.03	5.47	1.87	1.96	1.34	1.34	.63	.21	1.06	2.40	34	1.39	.65
Miss Point, Miss.	36.36	82	6.72	2.21	1.02	2.79	1.44	1.04	1.98	1.82	.04	.03	1.04	1.18	108	.06	1.05
Jennings, La.	35.99	81	.25	0.08	1.17	4.19	1.62	1.03	1.69	1.06	.13	.55	1.69	3.68	1.03	1.27	2.03
Williamson, W. Va.	35.21	79	1.41	4.65	1.15	26.47	1.91	1.12	1.89	1.92	.66	.88	1.24	5.70	1.61	.38	1.05
Bombard, Tex.	32.30	72	2.23	7.3	1.12	23.77	1.82	1.10	1.07	1.07	.66	.88	1.24	5.70	1.61	.38	1.05
Alford, Conn.	30.95	70	1.97	6.5	1.10	3.39	1.53	1.10	1.38	1.24	.39	.26	1.01	1.61	1.08	1.04	2.04
Durham, Va.	27.44	62	2.62	8.6	1.10	3.39	1.53	1.10	1.38	1.24	.39	.26	1.01	1.61	1.08	1.04	2.04
Durham, Tex.	23.60	53	3.01	9.9	1.87	13.29	1.68	1.87	1.01	1.64	1.21	.14	.16	.30	.22	.06	1.1
Fenton, Md.	23.45	53	1.65	1.54	1.25	1.94	1.37	1.54	1.01	1.64	1.21	.14	.16	.30	.22	.06	1.1
Monroe, N. C.	21.63	49	3.43	1.13	1.22	19.10	1.66	1.25	1.54	1.31	.58	.14	.16	.30	.22	.06	1.1
East Park, Ga.	18.64	32	2.32	7.6	1.19	13.43	1.46	1.81	1.22	1.84	1.13	.26	.62	1.66	.44	1.05	1.05
East Park, Ga.	18.64	32	2.32	7.6	1.19	13.43	1.46	1.81	1.22	1.84	1.13	.26	.62	1.66	.44	1.05	1.05
Lemoir City, Tenn.	18.06	41	1.01	5.8	1.17	14.28	1.31	1.26	1.52	1.31	.79	.07	1.52	1.52	.43	1.05	1.05
Oyelake, Ala.	17.86	40	1.86	6.1	1.23	14.15	1.46	1.29	1.52	1.31	.79	.07	1.52	1.52	.43	1.05	1.05
Average	44.52	1.00	3.04	1.00	6.30	1.00	1.00	1.00	1.00	1.00	.40	.88	1.00	3.56	1.00	1.00	1.00
First quartile	1.22	1.34	7.5	1.20	1.95	1.00	1.36	1.00	1.26	1.20	.40	1.08	1.00	1.00	1.00	1.15	1.43
Third quartile	1.79	6.9	1.34	1.82	1.10	3.50	1.12	1.12	.41	.41	1.24	1.08	1.08	1.19	1.12	1.12	1.43

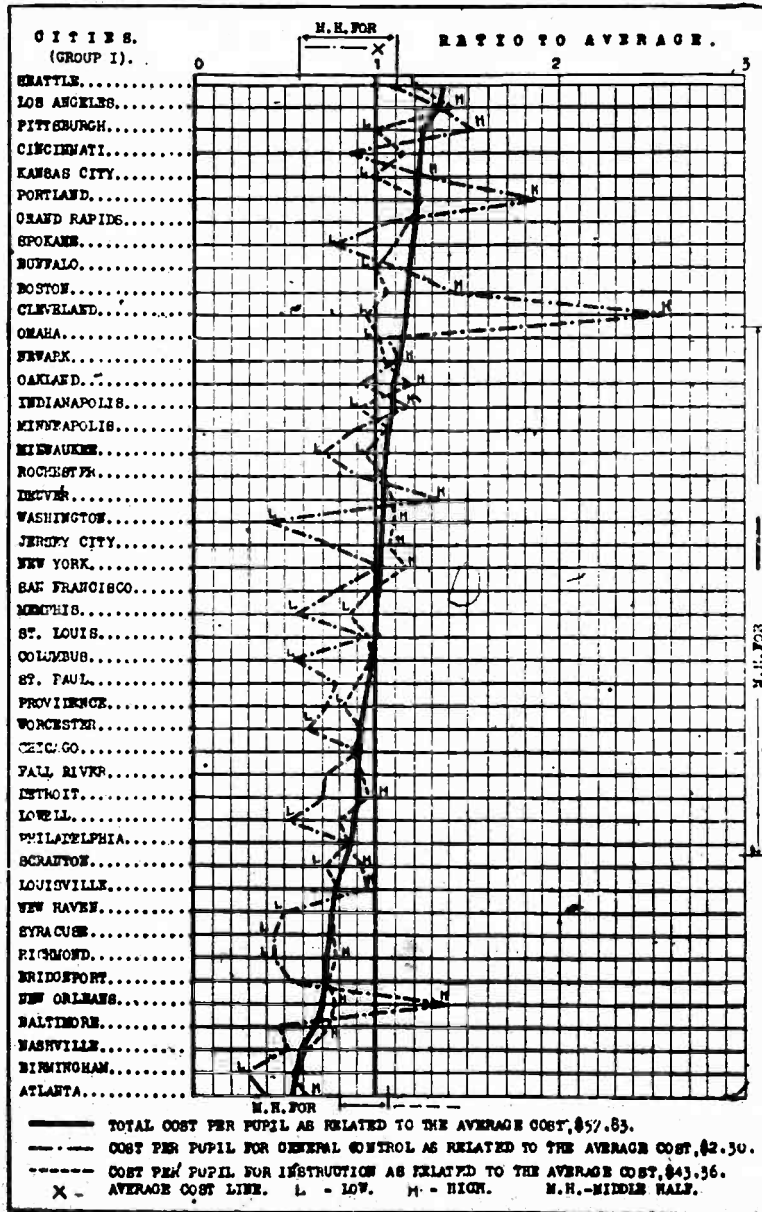


FIG. 37 (A).—An analysis of expenditures in 46 city school systems, Group I, 1917-18.





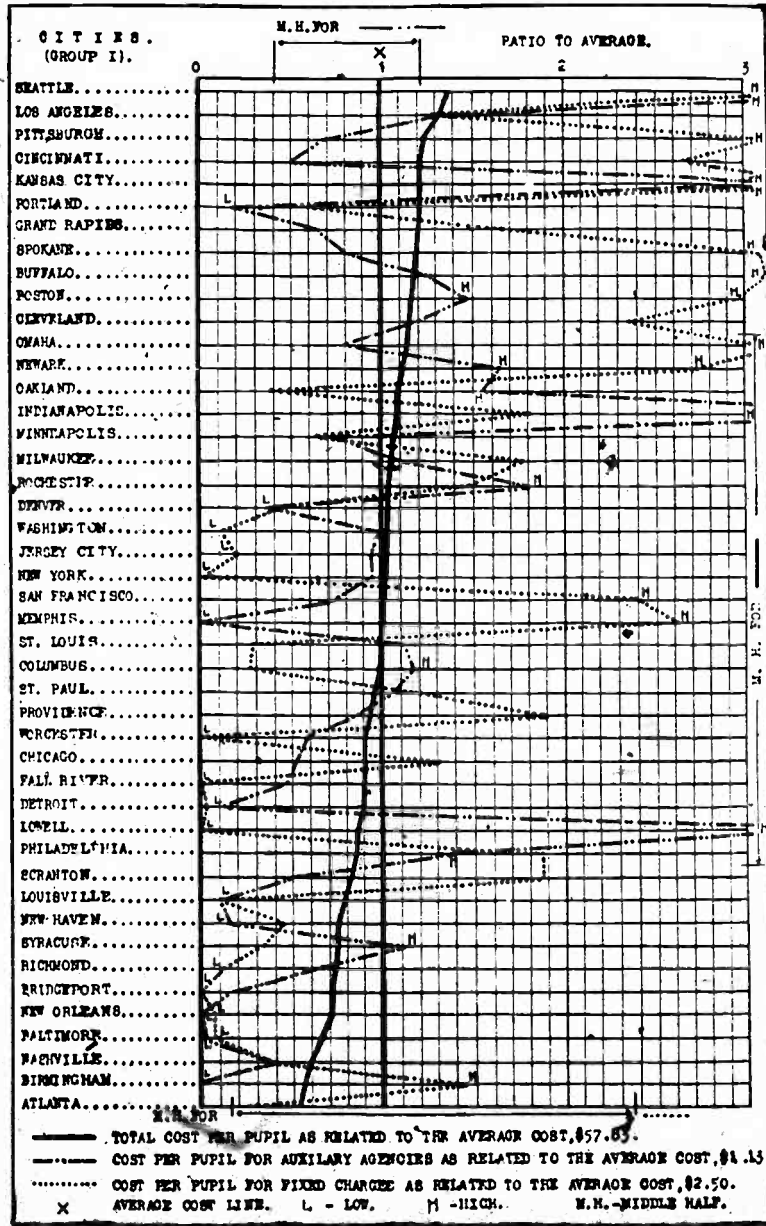


FIG. 27 (C).—An analysis of expenditures in 45 city school systems, Group I, 1917-18.

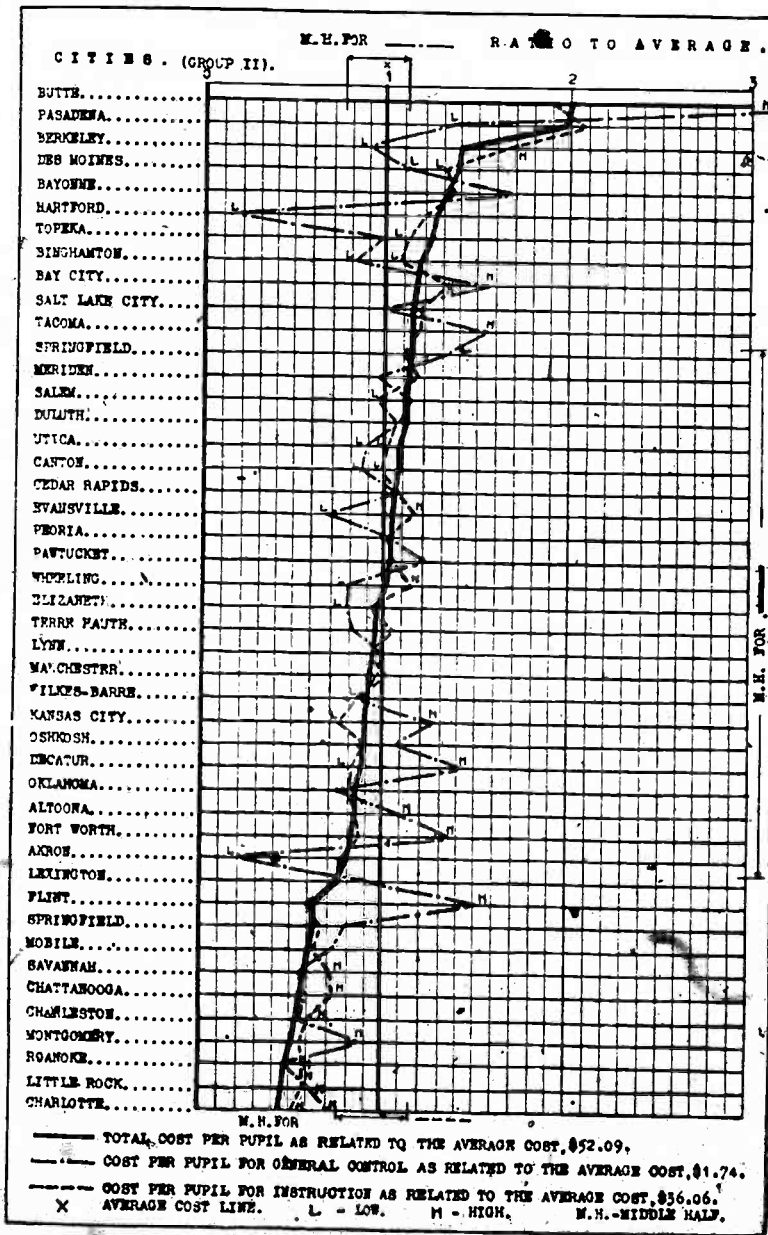


FIG. 38 (A).—An analysis of expenditures in 45 city school systems, Group II, 1917-18.

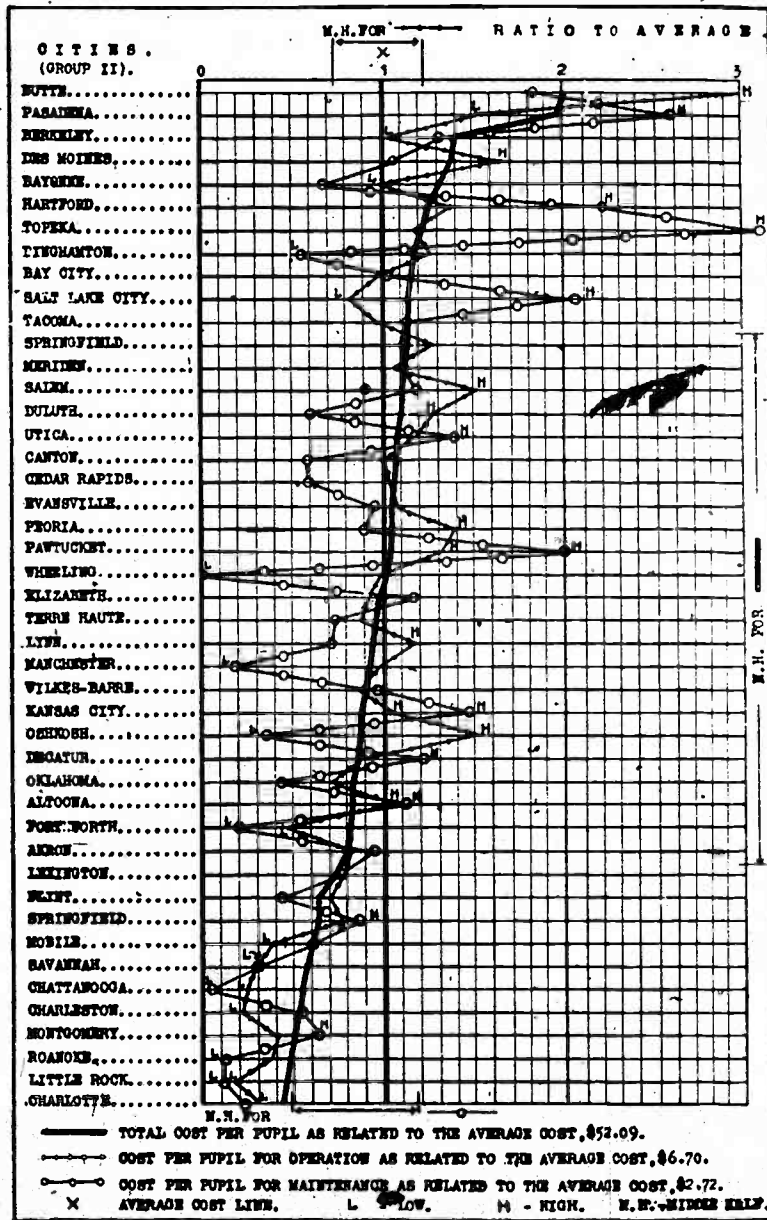


FIG. 38 (B).—An analysis of expenditures in 45 city school systems, Group II, 1917-18.

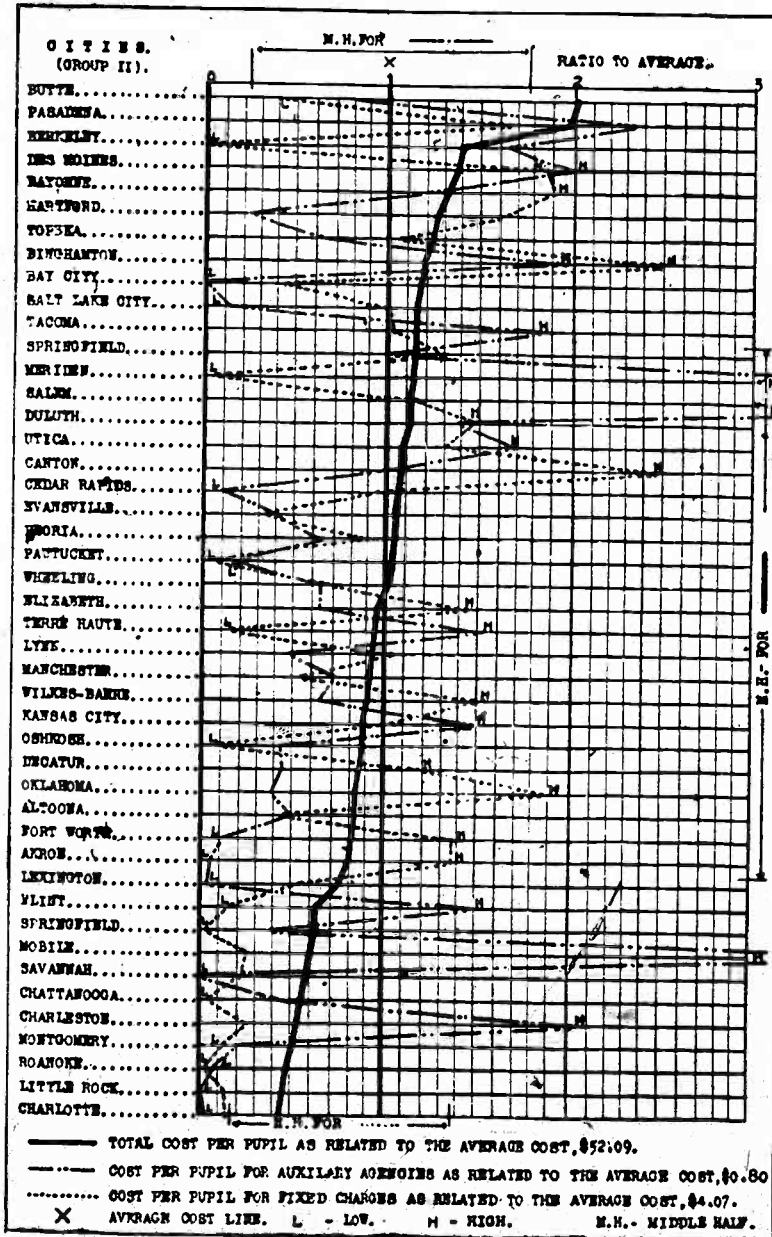


FIG. 38 (C).—An analysis of expenditures in 45 city school systems, Group II, 1917-18.

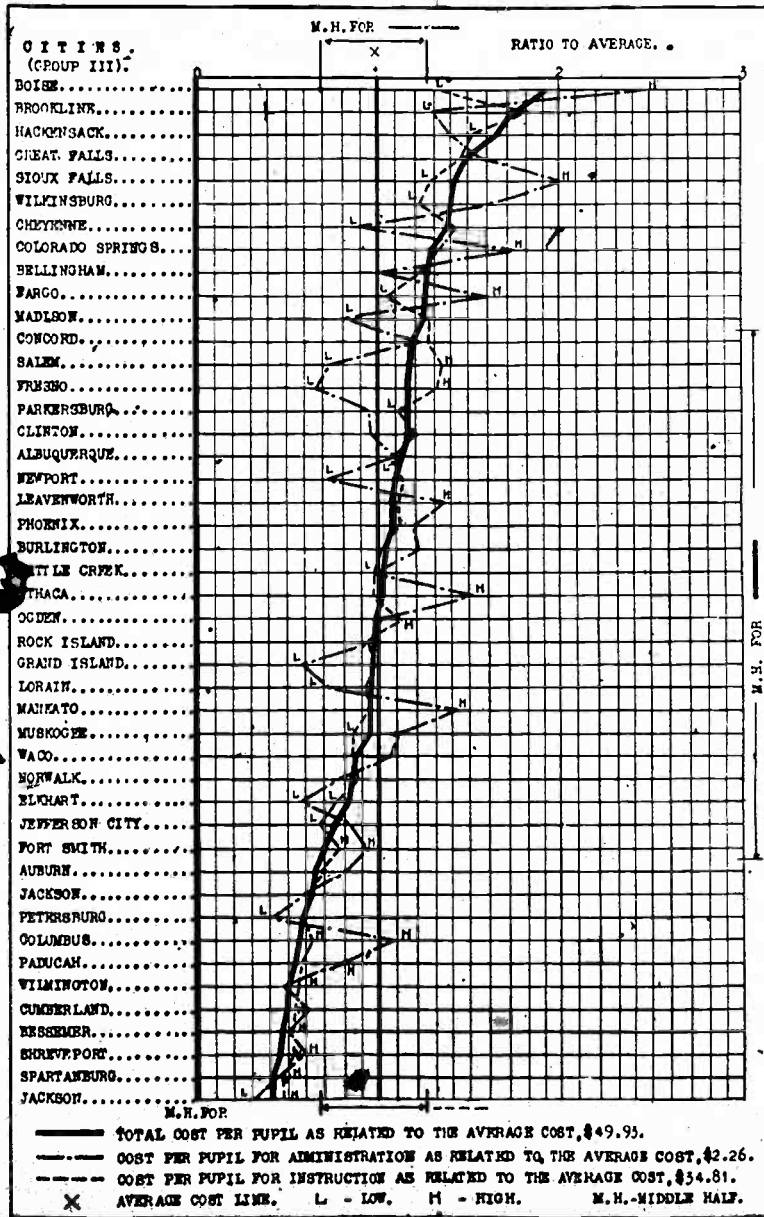


FIG. 30 (A).—An analysis of expenditures in 45 city school systems, Group III, 1917-18.

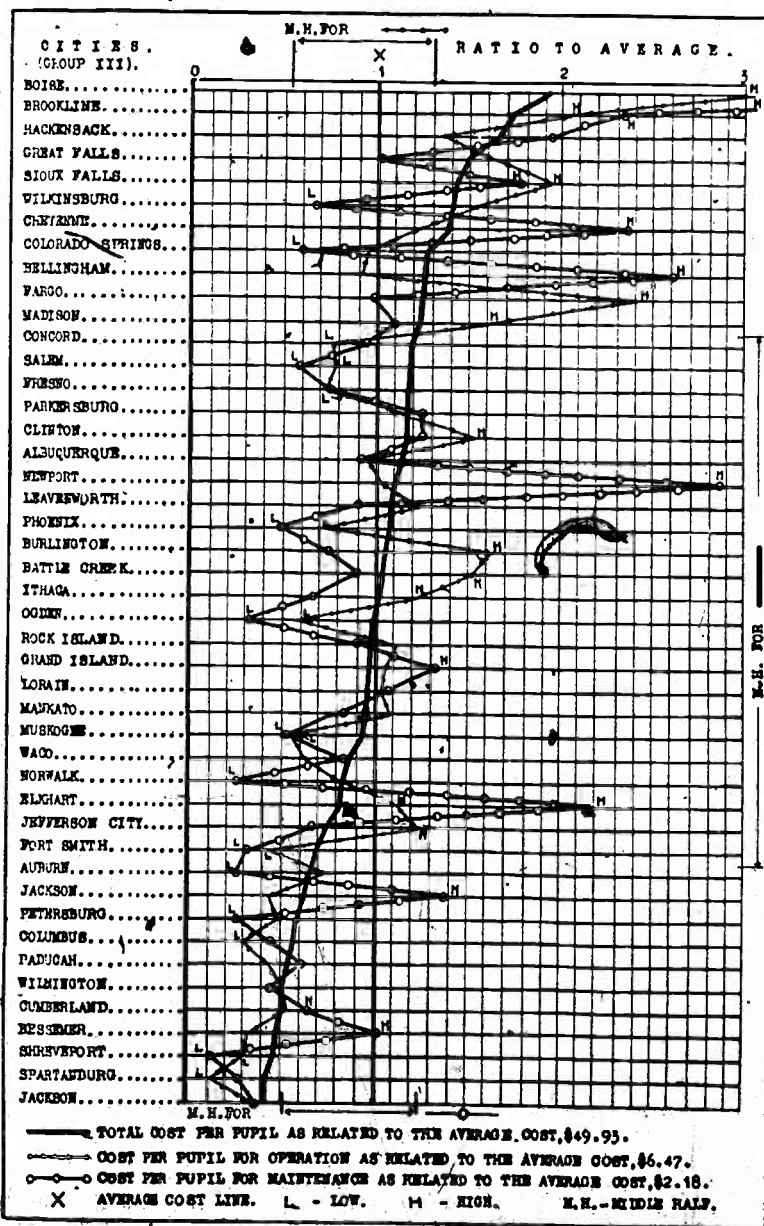


FIG. 39 (B).—An analysis of expenditures in 45 city school systems, Group III, 1917-18.

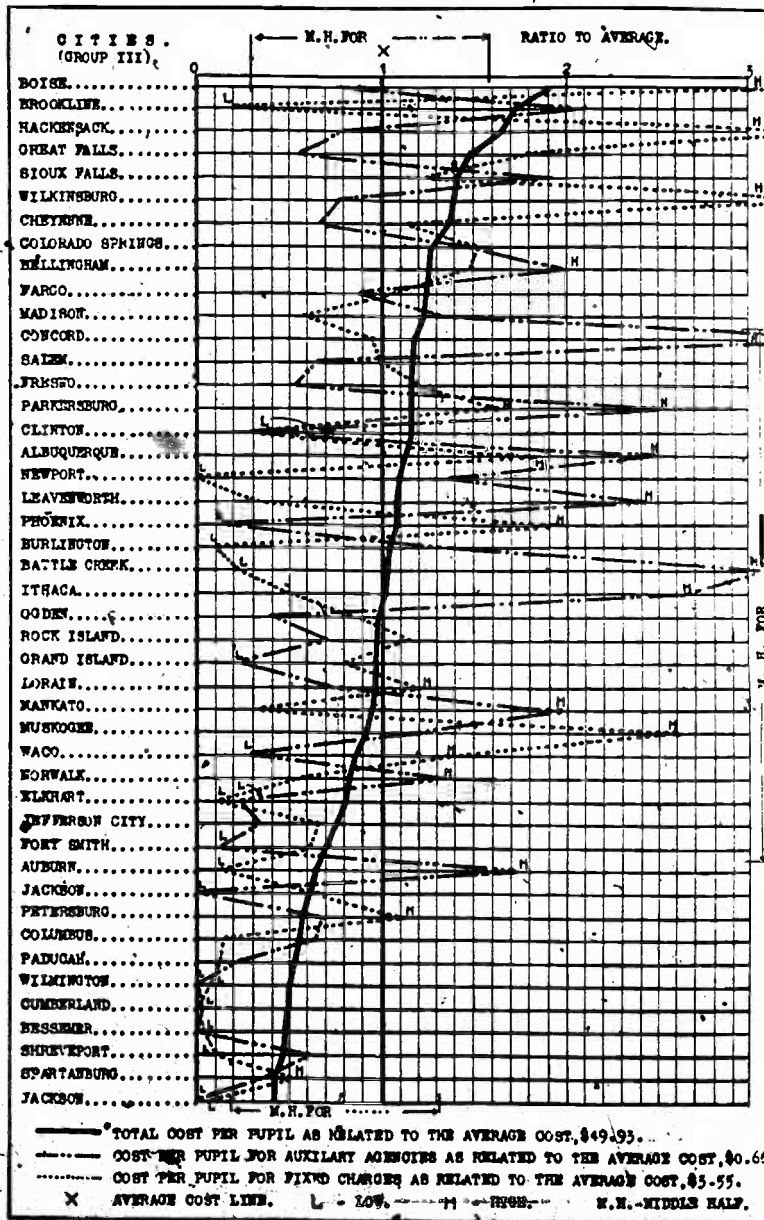


Fig. 39 (C).—An analysis of expenditures in 48 city school systems, Group III, 1917-18.



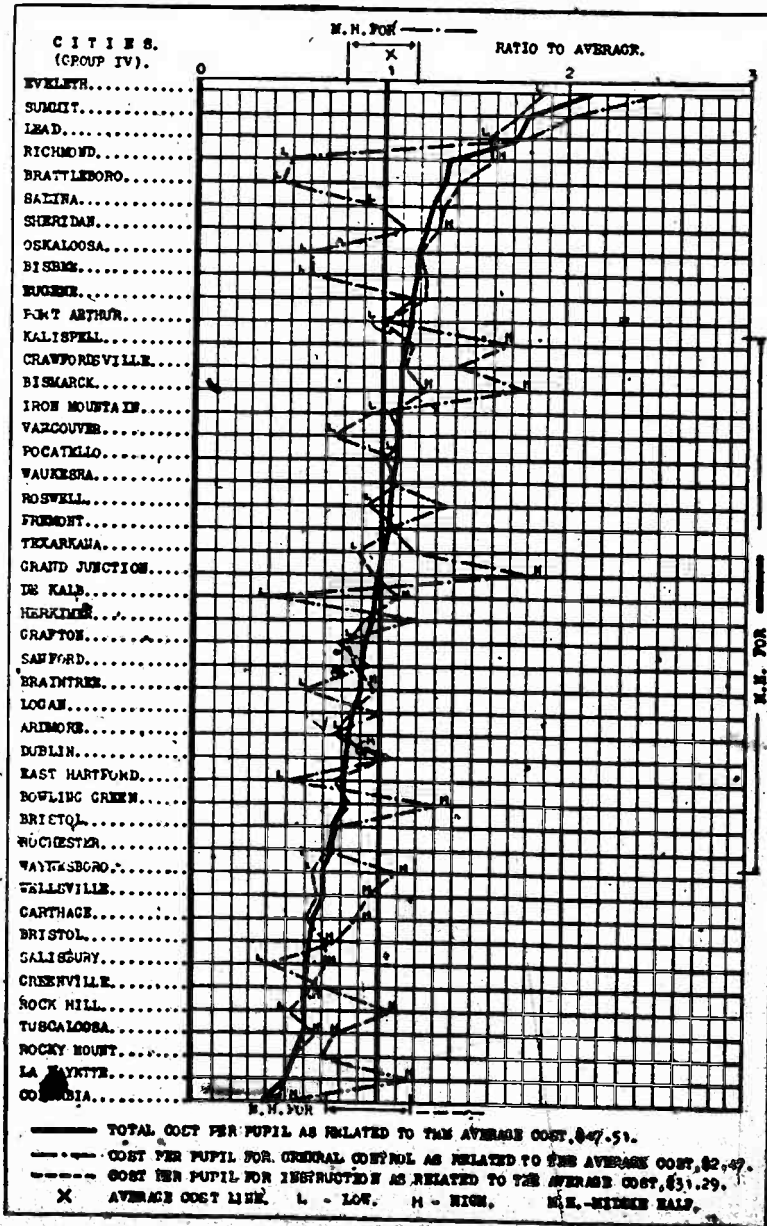


FIG. 40 (A).—An analysis of expenditures in 45 city school systems, Group IV, 1917-26.  
 9305°—20—11.

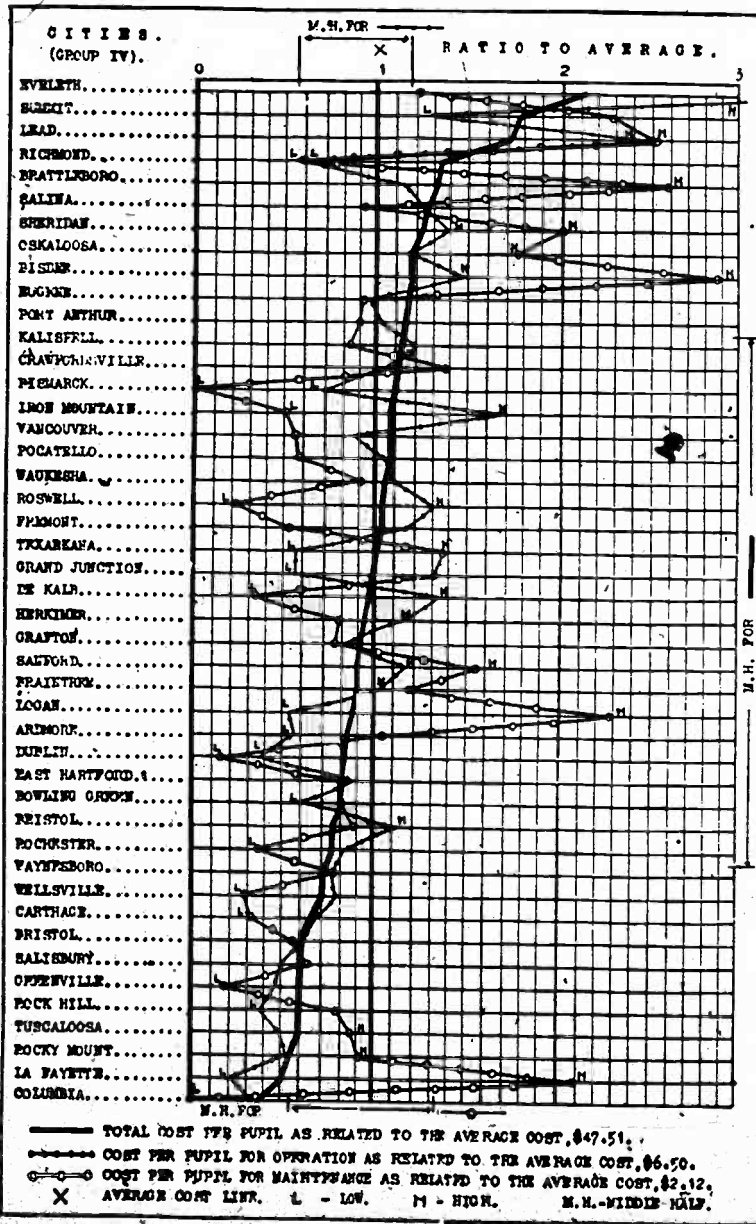


FIG. 40 (B).—An analysis of expenditures in 45 city school systems, Group IV, 1917-18.

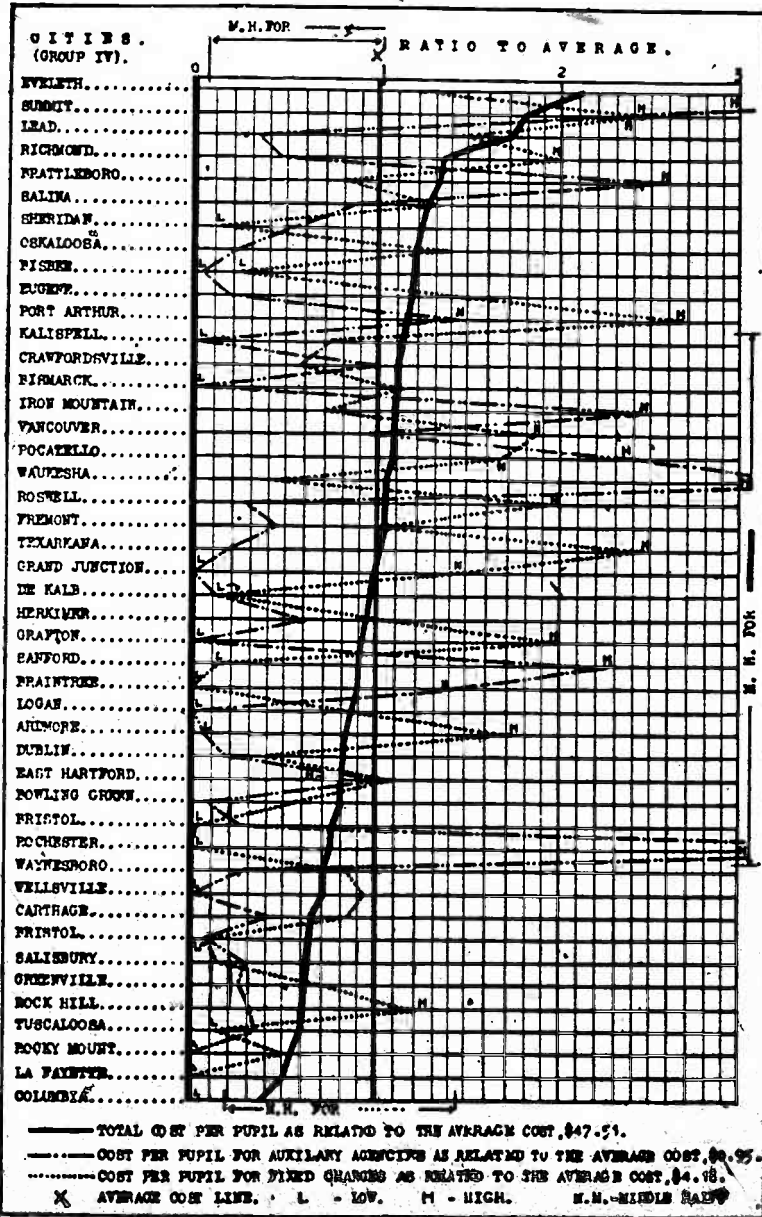


FIG. 40 (C).--An analysis of expenditures in 45 city school systems, Group IV; 1917-18.

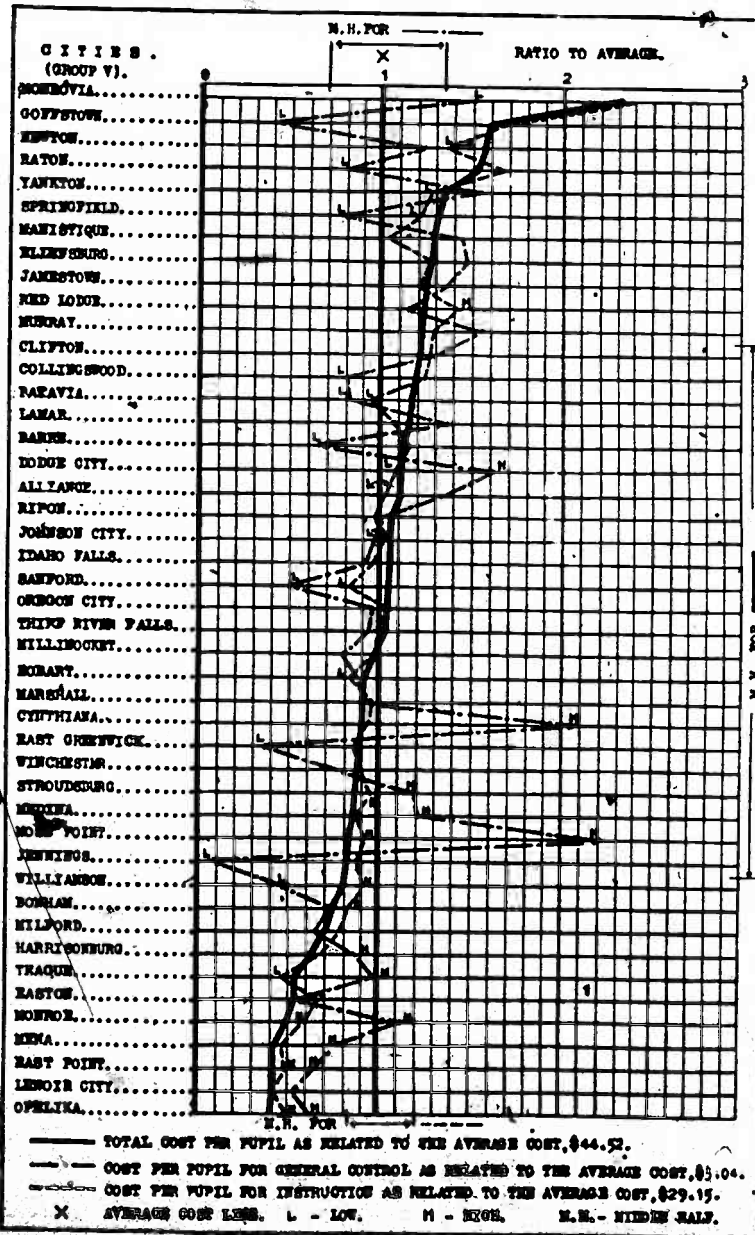


FIG. 41 (A).—An analysis of expenditures in 45 city school systems, Group V, 1917-18.

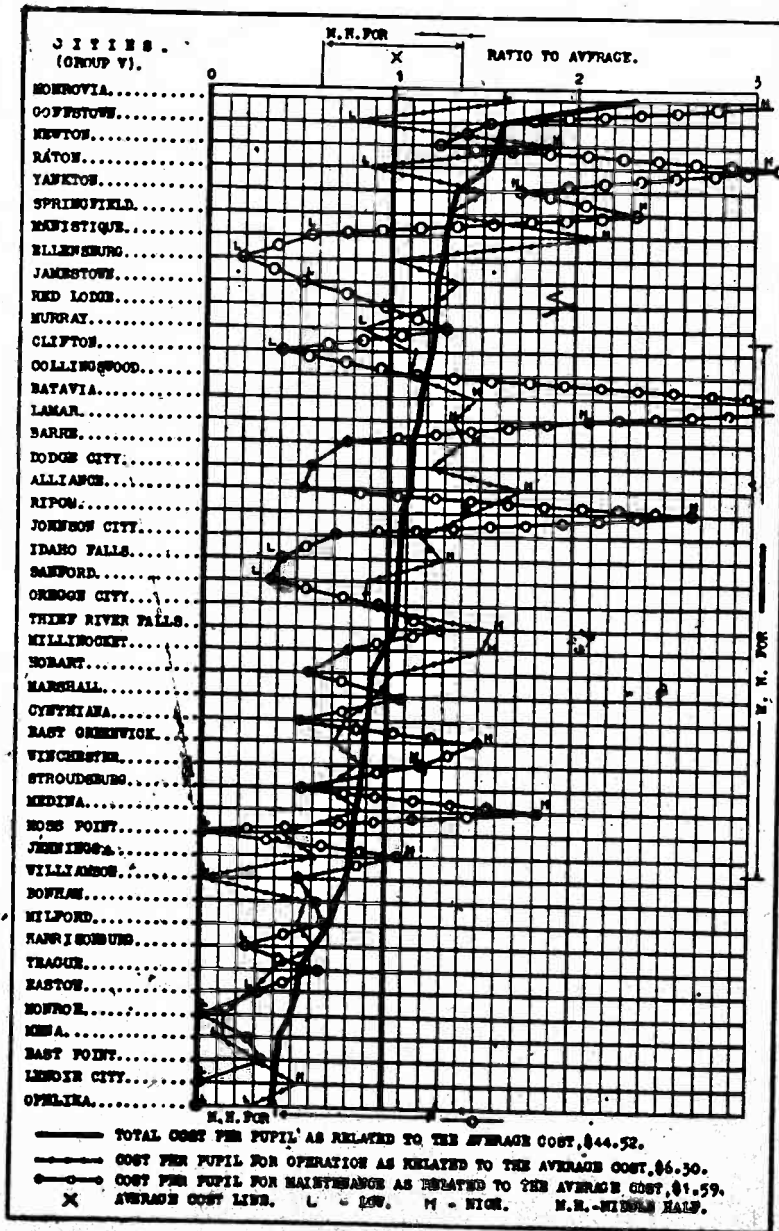


FIG. 41 (B).—An analysis of expenditure in 45 city school systems, Group V, 1917-18.

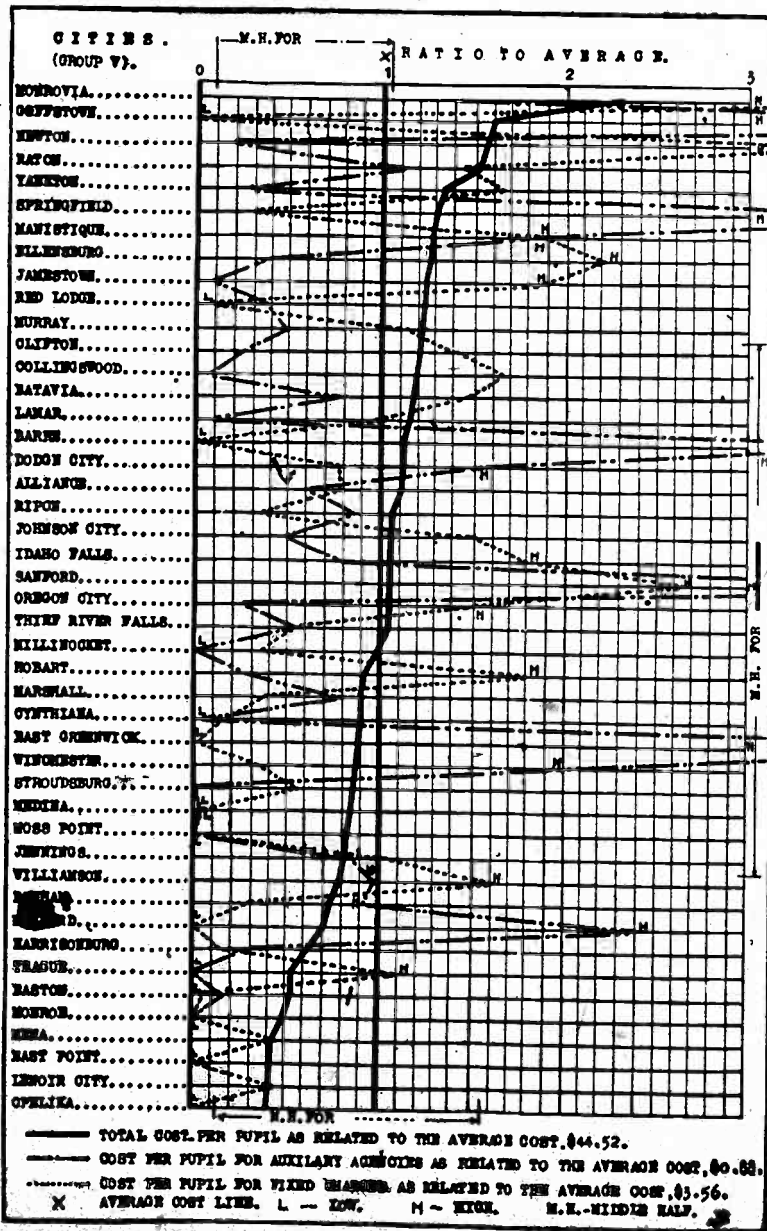


FIG. 41 (C).—An analysis of expenditures in 45 city school systems, Group V, 1917-18.

## 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 59 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:

$$(1) \quad 0.79 = \frac{1.08}{1.37} = \frac{\$2.49}{\$79.32} = \frac{\$2.49 \times \$57.83}{\$57.83 \times \$79.32}$$

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 one 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 80.—Annual cost of instruction per pupil in average daily attendance and the ratio of this average to the general average, 1917-18.

City.	GROUP I.														
	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.	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.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Los Angeles, Calif.	\$61.31	1.41	55,456	\$2,479,494	\$44.71	1.20	10,216	\$1,547,113	\$151.14	1.65	798	\$115,908	\$145.60	1.87	
Portland, Oreg.	53.62	1.24	23,810	1,067,423	44.83	1.21	4,733	399,947	82.37	1.03	173	48,928	286.81	3.60	
Austin, Wash.	52.45	1.21	28,131	1,200,655	42.64	1.15	7,598	529,079	94.51	1.03	173	48,928	286.81	3.60	
Oakland, Calif.	51.51	1.19	22,122	983,556	44.46	1.20	4,344	379,645	87.39	1.05	173	48,928	286.81	3.60	
Grand Rapids, Mich.	50.27	1.16	12,566	638,806	46.87	1.27	2,324	174,644	73.15	1.02	173	48,928	286.81	3.60	
New York, N. Y.	49.71	1.15	637,313	28,178,557	44.21	1.20	52,546	6,119,867	116.25	1.26	13,848	683,728	86.10	1.09	
Columbus, Ohio.	49.61	1.14	12,166	601,730	41.24	1.12	2,856	212,561	74.43	1.01	127	9,624	75.78	1.01	
Spokane, Wash.	47.79	1.10	41,623	1,577,094	37.89	1.02	5,865	598,033	106.02	1.12	410	92,086	200.11	2.37	
Washington, D. C.	47.19	1.09	23,944	1,054,047	44.02	1.19	4,655	366,332	79.04	1.06	2,072	11,697	5.65	0.07	
Indianapolis, Ind.	46.72	1.07	26,946	1,019,847	34.05	1.32	3,472	463,060	142.02	1.54	318	56,190	176.70	2.27	
Chicago, Ill.	46.31	1.07	46,184	1,719,832	38.24	1.06	7,873	604,089	76.73	1.03	408	14,025	107.90	1.38	
Boston, Mass.	45.37	1.03	80,394	3,719,793	38.31	1.04	14,000	604,089	55.41	0.93	5,862	261,888	46.25	1.09	
Newark, N. J.	45.18	1.04	51,078	1,837,939	39.32	1.08	8,819	963,947	123.60	1.37	1,118	124,201	111.09	1.43	
Columbus, Ohio.	44.19	1.02	25,469	884,968	34.75	1.04	2,715	213,620	89.76	1.06	34	6,084	178.94	2.30	
Richmond, N. Y.	44.02	1.02	45,715	1,996,507	37.06	1.00	4,329	375,120	96.43	1.08	571	137,210	240.30	3.08	
Buffalo, N. Y.	43.38	1.00	88,254	2,120,125	35.71	0.98	8,249	754,439	91.61	0.93	354	111,468	225.12	2.89	
Pittsburgh, Pa.	43.07	0.99	30,852	1,062,248	33.64	0.97	4,286	451,239	78.07	0.93	2,212	12,843	176.28	2.40	
Kansas City, Mo.	42.72	0.99	41,964	1,621,520	38.64	1.04	3,503	248,928	81.41	0.88	134	10,533	80.91	1.01	
Kansas City, Mo.	42.20	0.97	71,297	2,513,071	37.15	1.00	7,595	749,350	98.66	1.07	1,052	32,029	30.94	1.30	
Columbus, Ohio.	42.17	0.97	71,297	2,513,071	35.25	0.95	7,595	749,350	98.66	1.07	1,052	32,029	30.94	1.30	
St. Louis, Mo.	41.77	0.96	66,026	2,783,671	33.23	0.90	12,432	1,038,842	83.56	0.91	3,464	214,960	62.03	0.80	
Dayton, Ohio.	41.51	0.96	85,111	2,354,063	32.31	0.87	9,419	1,339,182	99.68	1.08	3,464	214,960	62.03	0.80	
Dayton, Ohio.	40.94	0.94	12,713	1,677,243	32.21	0.87	4,963	335,723	71.24	0.88	633	231,683	366.02	4.70	
Worcester, Mass.	40.54	0.93	19,685	824,362	32.96	0.89	2,940	259,719	88.36	0.96	633	231,683	366.02	4.70	
Indianapolis, Ind.	39.53	0.91	25,888	1,035,304	32.96	0.89	4,912	394,873	76.35	0.86	583	109,906	85.13	0.93	
Fall River, Mass.	38.40	0.89	17,643	707,467	34.72	0.84	1,254	109,906	76.79	0.83	158	22,321	111.27	1.81	
St. Paul, Minn.	38.71	0.89	262,002	9,661,462	34.26	0.83	31,738	2,411,758	76.93	0.84	4,378	209,721	47.90	0.61	
Chicago, Ill.	38.01	0.87	176,635	5,399,030	30.50	0.83	14,492	1,301,175	86.00	1.05	1,018	123,141	121.36	1.66	
Memphis, Tenn.	37.91	0.83	26,047	763,148	29.30	0.79	3,044	263,923	86.70	0.94	415	30,363	68.26	0.86	
Portland, Me.	35.80	0.83	26,047	763,148	29.30	0.79	3,044	263,923	86.70	0.94	415	30,363	68.26	0.86	

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.	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.
	Amount.	Ratio to average.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Lowell, Mass.	34.98	97	9,333	275,268	29.88	78	1,368	80,515	50.08	61	163	39,833	183.02	2.35	
Lebanon, Ky.	34.12	79	20,485	596,974	28.65	77	2,843	185,049	65.30	71	407	40,139	84.76	1.44	
Richmond, Va.	33.91	78	17,537	588,141	31.79	86	1,891	100,560	53.19	58	782	27,284	34.90	1.45	
New Orleans, La.	33.15	76	33,525	1,000,435	29.84	81	2,289	156,542	67.95	74	303	41,384	136.58	1.75	
New Haven, Conn.	33.09	76	21,225	583,387	27.40	74	2,464	196,547	64.43	59	167	50,170	302.27	3.48	
Pittsford, N. Y.	32.88	76	12,089	492,476	28.23	76	2,456	190,150	65.21	71	369	59,875	151.35	1.94	
Salisbury, Md.	32.10	74	17,229	464,191	26.91	73	1,726	97,759	50.61	62	278	27,270	96.80	1.34	
Washington, Pa.	31.17	72	54,478	1,526,123	27.40	73	4,900	328,803	68.50	74	278	15,107	26.60	1.04	
Atlanta, Ga.	28.33	61	17,529	480,857	27.41	74	1,900	124,183	68.99	75	568	120,675	92.60	1.04	
Memphis, Tenn.	28.23	61	12,709	379,001	27.66	57	1,343	77,025	57.85	62	1,461	5,120	92.12	1.05	
Mobile, Ala.	27.45	55	15,667	363,721	21.09	51	1,511	73,934	56.40	61	1,461	5,120	92.12	1.05	
Average or total	43.36	.....	2,404,337	98,903,021	36.98	( <sup>1</sup> )	279,737	25,740,833	92.01	( <sup>1</sup> )	47,133	3,672,070	77.91	.....	

GROUP II.

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.	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.
	Amount.	Ratio to average.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Pasadena, Calif.	\$75.05	2.08	4,722	\$296,112	636.36	1.79	1,494	\$200,413	\$134.15	2.04	133	\$18,399	\$138.34	1.59	
Boston, Mass.	68.78	1.91	6,055	379,647	62.70	1.99	890	98,031	110.15	1.67	133	18,399	138.34	1.59	
Berkeley, Calif.	59.37	1.65	5,938	309,325	51.92	1.65	1,378	126,228	91.60	1.39	133	18,399	138.34	1.59	
Bay City, Mich.	48.70	1.35	9,476	415,366	43.84	1.39	898	77,050	86.80	1.30	133	18,399	138.34	1.59	
Dayton, Ohio	47.40	1.32	5,091	219,800	42.64	1.33	1,900	63,200	79.00	1.20	133	18,399	138.34	1.59	
Dayton, Mich.	45.42	1.29	13,297	678,204	41.55	1.33	3,132	229,363	73.23	1.11	133	18,399	138.34	1.59	
Harvard, Conn.	42.84	1.20	17,107	694,102	39.83	1.25	2,334	156,341	67.15	1.25	133	18,399	138.34	1.59	
Salt Lake City, Utah	42.42	1.19	3,353	123,037	39.40	1.25	1,397	77,464	72.31	1.10	133	18,399	138.34	1.59	
Meriden, Conn.	42.42	1.18	7,805	303,032	39.08	1.24	1,397	77,464	72.31	1.10	133	18,399	138.34	1.59	
Evansville, Ind.	42.04	1.17	7,805	303,032	39.08	1.24	1,397	77,464	72.31	1.10	133	18,399	138.34	1.59	

<sup>1</sup> Estimated.

First quartile is 0.80; third quartile, 0.80.

First quartile is 0.98; third quartile, 0.75.





STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	41.99	1.17	10,355	360,292	34,79	1.10	1,091	154,066	77.88	1.19	21	4,162	198.19	2.00
Albany, Wash.	41.99	1.17	10,355	360,292	34,79	1.10	1,091	154,066	77.88	1.19	21	4,162	198.19	2.00
Albany, W. Va.	41.49	1.15	4,338	175,925	40.00	1.27	721	39,352	50.12	.82				
Albany, Mo.	40.92	1.13	5,283	200,981	37.97	1.21	1,218	65,446	53.73	1.09				
Albany, N. Y.	38.75	1.10	6,960	254,292	36.38	1.16	730	52,580	72.03	1.12				
Albany, N. C.	38.07	1.08	12,343	434,644	35.21	1.12	1,371	101,219	73.83	1.12				
Albany, N. H.	38.31	1.09	6,183	201,962	32.65	1.04	1,177	59,037	94.06	1.43	80	7,899	86.52	.90
Albany, N. J.	38.31	1.09	6,183	201,962	32.65	1.04	1,177	59,037	94.06	1.43	80	7,899	86.52	.90
Albany, N. D.	38.18	1.06	8,457	283,681	33.54	1.06	1,254	74,672	57.13	.87	202	20,296	100.33	1.01
Albany, S. D.	37.47	1.04	8,457	283,681	33.54	1.06	1,254	74,672	57.13	.87	202	20,296	100.33	1.01
Albany, Va.	37.19	1.08	8,129	259,857	33.35	1.00	1,098	51,366	71.66	1.13	244	21,367	67.57	.88
Albany, W. Va.	36.76	1.02	9,567	319,306	33.39	1.08	1,184	89,461	75.59	1.15				
Albany, W. Va.	36.28	1.01	5,465	169,498	31.08	1.08	1,022	69,650	69.44	1.04				
Albany, N. H.	35.87	1.00	8,318	267,570	30.87	.98	923	67,260	67.41	1.04				
Albany, N. J.	34.27	.99	4,067	116,323	29.09	.92	1,272	86,391	67.72	1.02				
Albany, N. C.	33.43	.93	9,110	270,833	29.73	.94	828	40,445	59.72	.91				
Albany, N. D.	32.76	.91	10,065	279,267	27.75	.96	1,037	68,427	65.99	1.00				
Albany, S. D.	32.59	.90	3,314	98,796	26.79	.88	1,642	104,281	63.61	.96	108	9,140	84.63	.85
Albany, Va.	31.09	.86	9,132	241,384	26.43	.84	758	39,270	48.84	.76				
Albany, W. Va.	30.75	.86	9,132	241,384	26.43	.84	758	39,270	48.84	.76				
Albany, N. J.	30.46	.82	6,766	184,227	27.23	.87	1,647	86,262	49.96	.85				
Albany, N. C.	29.23	.81	4,606	116,510	24.24	.77	1,278	53,982	42.16	.64	72	2,485	34.65	.35
Albany, N. D.	28.79	.80	10,300	259,385	25.20	.80	1,053	55,127	52.35	.80				
Albany, S. D.	27.57	.76	21,312	482,984	22.68	.72	2,328	170,062	67.82	.78	25	4,960	19.80	.20
Albany, Va.	27.07	.75	16,490	379,826	24.93	.79	459	22,127	48.21	.73				
Albany, W. Va.	25.98	.72	16,490	379,826	24.93	.79	459	22,127	48.21	.73				
Albany, N. C.	25.56	.71	8,450	183,698	22.84	.73	1,540	37,862	59.64	.80				
Albany, N. D.	23.61	.69	4,914	99,278	20.20	.64	774	42,073	54.36	.83				
Albany, S. D.	23.61	.69	4,914	99,278	20.20	.64	774	42,073	54.36	.83				
Albany, Va.	21.85	.62	4,778	95,179	19.92	.63	1,052	41,277	30.71	.60				
Albany, W. Va.	21.85	.62	4,778	95,179	19.92	.63	1,052	41,277	30.71	.60				
Albany, N. C.	21.77	.60	9,146	184,662	20.21	.64	433	18,140	41.80	.53				
Albany, N. D.	20.98	.56	7,220	125,133	17.33	.55	693	20,300	42.29	.64				
Albany, S. D.	20.43	.57	6,254	118,211	16.90	.60	1,105	49,530	44.82	.69				
Albany, Va.	20.13	.56	3,689	64,388	16.74	.53	402	17,783	44.24	.67				
Albany, W. Va.	18.25	.51	1,925	77,614	15.76	.50	443	20,350	45.94	.70				
Average or total	36.06		319,106	10,965,678	31.50	( <sup>1</sup> )	51,963	3,421,054	65.84	( <sup>1</sup> )	801	88,478	99.30	

\* First quartile is 1.12; third quartile, 0.77.

\* First quartile is 1.18; third quartile, 0.76.

\* 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.	Elementary schools and kindergartens.						Secondary (high) schools.						Vocational, normal, and special schools.					
	Total cost of instruction per pupil (day schools).		Average daily attendance.		Ratio to average.		Total cost of instruction.		Average daily attendance.		Ratio to average.		Total cost of instruction.		Average daily attendance.		Ratio to average.	
	Amount.	Ratio to average.	Average.	Ratio to average.	Average cost per pupil.	Ratio to average.	Average.	Ratio to average.	Average daily attendance.	Ratio to average.	Average cost per pupil.	Ratio to average.	Average.	Ratio to average.	Average daily attendance.	Ratio to average.	Average cost per pupil.	Ratio to average.
Lowell, Mass.	34.86	.97	9.345	75	28.88*	1.368	75	80,815	70.08	1.03	183	183.02	20,833	183	183.02	2.35		
Louisville, Ky.	34.12	.70	20,485	77	28.85	2,843	77	185,940	65.70	1.03	197	90.76	10,139	197	90.76	1.04		
Richmond, Va.	33.91	.78	17,557	84	31.70	1,891	84	100,590	53.70	1.03	252	34.80	47,284	252	34.80	1.15		
New Orleans, La.	33.15	.76	23,525	91	29.84	1,280	91	158,542	42.85	1.03	303	34.80	47,284	303	34.80	1.15		
New Haven, Conn.	33.09	.76	21,225	74	27.40	3,444	74	188,542	84.86	1.03	187	302.27	50,170	187	302.27	3.48		
Syracuse, N. Y.	32.88	.76	17,069	76	28.23	2,456	76	190,150	65.21	1.03	369	151.35	59,875	369	151.35	1.94		
Schillerport, Conn.	32.10	.74	17,229	73	26.91	1,726	73	97,759	56.61	1.03	278	27.270	27,270	278	27.270	1.37		
Baltimore, Md.	31.51	.72	54,178	73	27.90	4,800	73	328,803	65.50	1.03	588	26.60	15,107	588	26.60	1.34		
Baltimore, Pa.	31.17	.72	17,529	74	27.44	1,800	74	124,193	65.99	1.03	1,491	92.12	120,675	1,491	92.12	1.09		
Albany, Ga.	28.53	.61	22,709	57	27.65	1,343	57	77,025	57.35	1.03	66	92.12	5,120	66	92.12	1.03		
Albany, Ark.	27.22	.61	12,012	61	22.65	1,311	61	73,934	56.10	1.03	47	77.91	5,120	47	77.91	1.03		
Birmingham, Ala.	27.26	.58	18,667	57	21.09	2,655	57	110,820	52.05	1.03	47	77.91	5,120	47	77.91	1.03		
Average or total	43.26		2,404,337	(1)	36.98	279,737	(1)	25,740,833	92.01		47,133	9,672,070	77.91					

GROUP I—Continued.

\* First quartile is 0.98; third quartile, 0.75.

\* First quartile is 1.04; third quartile, 0.80.

GROUP II.

Presidents, Calif.	875.06	2.06	4,722	1.79	437.36	1,494	1.79	\$206,112	1.99	1,494	1.99	\$200,413	2.04	1,494	1.99	\$200,413	2.04
Butte, Mont.	68.78	1.91	6,055	1.99	67.70	860	1.99	379,647	1.09	860	1.09	99,031	1.07	860	1.09	110.15	1.07
Berkeley, Calif.	56.37	1.65	6,938	1.65	51.02	1,378	1.65	309,325	1.39	1,378	1.39	136,228	1.39	1,378	1.39	110.15	1.39
Bayonne, N. J.	48.70	1.32	9,476	1.39	43.64	886	1.39	415,385	1.35	886	1.35	77,950	1.32	886	1.35	818,399	1.32
Bay City, Mich.	47.60	1.31	5,091	1.35	42.64	1,600	1.35	216,600	1.20	1,600	1.20	63,200	1.20	1,600	1.20	86.80	1.20
East Dubuque, Iowa	47.41	1.31	13,797	1.32	41.55	3,132	1.32	573,304	1.20	3,132	1.20	229,363	1.25	3,132	1.20	78.23	1.25
East Dubuque, Iowa	42.82	1.16	15,704	1.20	37.50	2,152	1.20	376,107	1.25	2,152	1.25	177,416	1.25	2,152	1.25	82.44	1.25
Ball Lake, Wis.	42.42	1.18	17,307	1.25	36.35	2,358	1.25	684,187	1.16	2,358	1.16	159,341	1.02	2,358	1.16	67.15	1.02
Marquette, Conn.	42.42	1.18	5,363	1.16	36.80	663	1.16	131,087	1.16	663	1.16	17,394	1.10	663	1.16	7.31	1.10
Evansville, Ind.	42.04	1.17	7,803	1.14	39.08	1,397	1.14	345,632	1.14	1,397	1.14	77,636	1.01	1,397	1.14	50.86	1.01

\* 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.	Ratio to average.	4	5	6	7	8	9	10	11	12	13	14	15	Ratio to average.	Ratio to average.		
																		Average daily attendance.	Total cost of instruction.
Brookline, Mass.	\$62.60	1.80	1.80	3,341	\$174,715	\$52.26	1.75	695	\$76,174	\$109.00	1.77	58	\$10,565	\$182.16	1.52				
Burlington, N. J.	53.32	1.53	1.53	2,373	109,202	46.02	1.54	547	39,035	71.36	1.15								
Great Falls, Mont.	51.12	1.47	1.47	3,310	145,864	44.07	1.47	594	53,930	90.02	1.45								
Greenville, N. Y.	46.95	1.43	1.43	1,175	48,777	41.51	1.39	217	20,337	93.72	1.61								
Hannibal, Mo.	46.86	1.43	1.43	1,821	76,830	39.99	1.34	475	35,670	73.09	1.21								
Indianapolis, Ind.	46.81	1.43	1.43	2,721	90,119	38.93	1.30	739	33,107	71.86	1.16								
Colorado Springs, Colo.	46.18	1.39	1.39	2,421	146,024	40.53	1.30	877	60,287	68.74	1.11								
Pasadena, Calif.	45.96	1.37	1.37	2,145	123,051	37.87	1.27	1,130	101,335	66.95	1.44								
St. Louis, Mo.	44.24	1.27	1.27	3,576	128,107	35.13	1.11	988	70,019	72.82	1.19	114	19,069	167.18	1.49				
St. Paul, Minn.	43.94	1.26	1.26	3,867	126,040	32.87	1.11	821	43,546	72.85	1.17	19	719	37.84	1.32				
Medford, N. H.	42.50	1.22	1.22	2,626	90,231	34.36	1.15	585	46,223	79.01	1.27								
Wilmington, Pa.	42.45	1.22	1.22	3,014	104,236	34.58	1.16	862	61,150	69.33	1.12								
Birmingham, W. Va.	42.14	1.21	1.21	1,867	71,612	37.95	1.27	503	24,988	57.85	1.03								
Clinton, Iowa	39.50	1.14	1.14	2,912	93,987	32.28	1.06	521	41,945	80.51	1.30								
Newport, E. I.	39.17	1.13	1.13	5,043	170,352	33.78	1.13	483	40,102	65.45	1.54								
Ogden, Utah	38.96	1.12	1.12	2,848	111,280	39.08	1.13	723	49,986	68.19	1.10								
Phoenix, Ariz.	38.80	1.11	1.11	2,979	94,031	31.56	1.05	464	25,314	54.56	1.08								
Portsmouth, N. H.	38.72	1.11	1.11	1,662	37,006	34.30	1.15	285	72,801	80.32	1.29								
Lawrenceville, Ga.	38.75	1.10	1.10	1,775	55,910	31.50	1.05	265	72,801	80.32	1.29								
Richmond, Va.	38.41	1.06	1.06	2,172	73,775	32.87	1.10	439	26,023	59.28	1.05								
Burlington, Vt.	33.83	1.03	1.03	1,774	53,005	29.85	1.00	424	23,983	61.23	1.09								
Grand Island, Nebr.	31.98	0.98	0.98	1,674	37,361	28.13	0.97	365	20,583	67.49	1.09	25	4,830	193.20	1.61				
Battle Creek, Mich.	31.05	0.98	0.98	1,981	43,372	29.62	1.06	594	29,111	49.01	1.19								
St. Paul, N. D.	31.03	0.98	0.98	1,581	47,131	29.82	1.05	459	30,464	63.24	1.07								
Marquette, Minn.	32.90	0.95	0.95	1,730	31,781	19.43	0.85	459	30,464	63.24	1.07								
Rock Island, Ill.	32.81	0.95	0.95	3,421	97,378	28.46	0.95	636	35,844	57.56	1.02								
Lorain, Ohio	32.32	0.93	0.93	4,174	139,600	39.24	0.98	602	34,166	59.72	1.01								
Marshall, W. Va.	30.77	0.88	0.88	2,769	101,640	35.81	0.86	1,000	44,366	44.36	0.91								
Marion, Conn.	29.62	0.86	0.86	5,190	148,779	28.67	0.86	1,117	38,031	34.05	0.83								
Waco, Tex.	29.61	0.85	0.85	5,190	148,779	28.67	0.86	1,117	38,031	34.05	0.83								
Montgomery, Okla.	29.01	0.85	0.85	4,084	101,468	24.95	0.83	539	35,047	34.95	1.02								
Port Smith, Ark.	26.93	0.77	0.77	3,484	76,384	21.95	0.78	602	33,111	35.53	0.89								

GROUP III.

Albany, Ind.	20.51	2,757	93,481	23.01	77	519	17,982	44.35	71	103	11,240	68.81	57
Albany, Mo.	23.88	1,907	38,818	20.37	68	230	17,055	39.15	63				
Anderson City, Mo.	23.43	1,416	21,072	18.21	61	210	12,236	33.16	86				
Columbus, Ga.	22.39	3,112	57,755	18.56	62	316	11,723	43.88	55				
Columbus, Miss.	21.73	2,769	38,028	16.81	56	430	20,140	48.07	78				
Fredonia, Ky.	20.20	2,898	53,566	18.18	62	340	11,896	34.90	56				
Fredricksburg, Va.	20.03	3,647	59,921	16.43	55	449	27,069	49.22	79				
Wilmington, N. C.	19.40	7,905	43,163	16.58	55	347	12,051	34.73	56				
Chandler Island, Md.	18.71	3,408	55,660	13.43	52	823	26,315	32.00	52				
Stevenson, Ill.	18.17	2,207	33,053	14.99	50	317	12,759	40.25	65				
Stanton, Tenn.	18.42	47											
Springfield, S. C.	16.65	2,965	41,163	11.28	48	323	10,351	31.98	52				
Average	34.81	123,198	3,686,340	29.92	(9)	24,159	1,494,923	62.09	(7)	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.

Evleth, Minn.	\$58.28	1,86	\$97,651	\$52.33	1.94	233	\$25,830	\$102.12	1.80				
Summit, Mo.	64.01	1,041	51,647	49.61	1.87	229	16,830	71.02	1.31				
Richmond, Calif.	49.34	2,438	97,261	39.89	1.51	283	37,097	130.16	2.30				
Lead, Pa.	49.21	933	34,191	36.53	1.38	215	23,186	99.51	1.76				
Franklin, Va.	43.70	570	21,195	37.18	1.40	110	12,125	50.71	1.90				
Shelby, Ky.	41.33	1,843	64,973	35.09	1.33	110	30,131	68.48	1.21				
Shelby, N. Dak.	38.67	1,272	43,373	34.26	1.29	366	20,680	67.32	1.19				
Highland, Ala.	38.06	2,176	21,034	29.86	1.04	188	15,800	84.04	1.49				
Highland, Iowa	38.02	1,728	69,267	32.05	1.25	419	23,958	131.66	2.33				
Okemuncie, Mo.	36.36	1,492	44,920	32.05	1.21	348	22,772	58.17	1.05				
Okemuncie, Ind.	35.54	1,867	31,524	30.30	1.37	(9)	22,350	56.58	1.00				
De Kalb, Ill.	34.56	1,231	35,018	28.83	1.09	395	22,350	56.58	1.00				
Venueville, Wash.	34.56	1,492	34,450	27.43	1.04	(9)							
Freemont, N. C.	33.49	1,223	37,913	31.00	1.17	287	13,978	48.70	1.86				
Freemont, Wis.	33.21	1,367	40,254	29.45	1.11	311	15,941	51.26	1.91				
Iron Mountain, Mich.	32.46	1,211	35,159	29.03	1.10	352	16,741	47.56	1.84				
Freemont, Idaho	31.51	1,998	55,889	29.29	1.11	310	16,112	51.97	1.92				
Peru, Ark.	31.47	1,765	50,572	28.66	1.08	247	12,830	51.94	1.98				
Peru, Ark.	31.47	1,013	24,779	27.11	1.02	188	9,880	52.55	1.75				
Peru, Ark.	31.22	2,810	67,658	24.08	0.91	285	29,292	99.29	1.75				
Grand Junction, Colo.	30.68	1,491	42,102	28.24	1.07	239	11,694	44.76	1.79				
Grand Junction, Colo.	30.62	1,911	56,798	26.63	1.02	298	12,965	43.57	1.77				
Highland, N. Y.	29.64	1,212	36,750	24.68	0.96	210	13,391	48.54	1.86				
Highland, N. Y.	28.68	1,268	29,330	22.03	0.87	200	11,182	48.54	1.86				
Texasland, Ark.	28.00	1,268	19,885	22.03	0.87	200	11,182	48.54	1.86				
London, Mo.	26.93	1,139	29,091	21.54	0.86	188	6,044	35.32	1.02	32	3,240	101.88	
London, Mo.	26.60	1,679	44,651	21.54	0.86	188	6,044	35.32	1.02				
North Green, Ky.	26.43	1,023	24,532	23.86	0.91	165	6,841	41.60	1.74				
Green, W. Va.	26.30	99	20,530	20.57	0.78	211	11,353	53.05	1.94				

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.	3	4	5	6	7	8	9	10	11	12	13	14	15
Ardmore, Okla.	\$24.42	78	1,566	\$33,355	\$21.32	81	337	\$13,045	\$29.83	69					
Bristol, R. I.	24.11	77	1,749	33,531	20.81	73	359	8,149	33.13	94					
East Hartford, Conn.	23.74	76	1,728	33,348	19.41	72	352	7,490	34.66	101					
Roanoke, N. H.	22.70	73	1,948	18,867	19.80	75	222	7,690	34.64	61					
Rockbury, Md.	22.49	72	1,078	17,784	16.50	62	319	13,037	49.75	76					
Bristol, Va.	22.07	71	919	16,810	18.29	69	118	6,090	51.53	91					
Wesleyville, Ohio	21.06	67	1,156	20,389	17.64	67	225	8,720	38.90	60					
Tuscaloosa, Ala.	20.78	66	1,153	21,415	18.57	70	256	7,903	30.63	54					
Waynesboro, Pa.	20.34	65	1,402	23,396	16.69	63	240	9,997	41.65	74					
Greenville, Miss.	20.26	65	1,326	21,500	16.21	61	254	10,505	41.36	73					
Rocky Mount, N. C.	19.25	62	1,637	25,066	15.29	58	395	14,078	35.64	83					
Rock Hill, S. C.	18.81	54	1,472	22,090	15.01	57	172	5,545	32.24	57					
Laurens, S. C.	16.44	53	840	11,130	13.25	50	108	4,459	41.29	73					
Lawrence, La.	15.65	50	1,034	10,055	9.72	37	91	7,550	82.97	147					
Columbia, Tenn.	14.70	47	1,247	11,840	9.46	36	246	10,150	41.36	73					
Average.....	31.29		60,185	1,593,750	26.48	( <sup>10</sup> )	10,888	116,090	36.59	( <sup>11</sup> )					

\* Township high school.      † First quartile is 1.15, third quartile, 0.71.      ‡ First quartile is 1.03, third quartile, 0.73.

GROUP V.

Cities.	Township high school.			County high school.						
	Amount.	Ratio to average.	3	4	5	6	7			
Calhoun, Miss.	\$48.69	2.36	574	\$28,770	\$50.12	2.13	205	\$24,669	\$120.93	2.20
Montgomery, Ala.	48.69	1.87	827	35,986	43.41	1.84	167	12,501	74.86	1.38
N. H.	47.70	1.64	1,111	5,285	48.70	2.03				
Mont.	41.25	1.42	906	37,377	41.25	1.75				
W. Va.	39.54	1.36	751	18,853	24.61	1.05	282	22,453	79.02	1.45
Y. S. C.	37.35	1.29	891	29,725	33.36	1.12	160	5,987	99.78	1.81
Y. S. C.	37.19	1.28	663	18,366	27.70	1.15	166	13,543	69.30	1.26





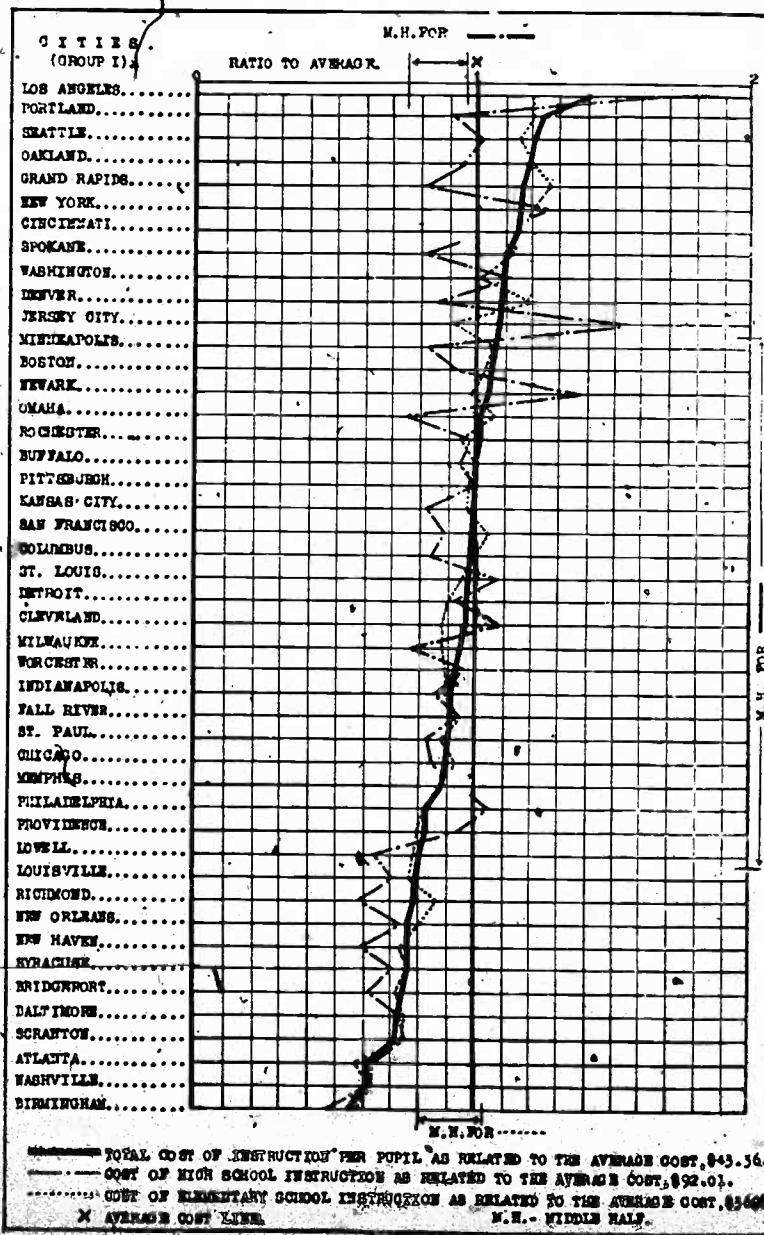


FIG. 42.—Annual cost of instruction per pupil in average daily attendance in elementary, in secondary, and in all schools in 48 cities of Group I, 1917-18.



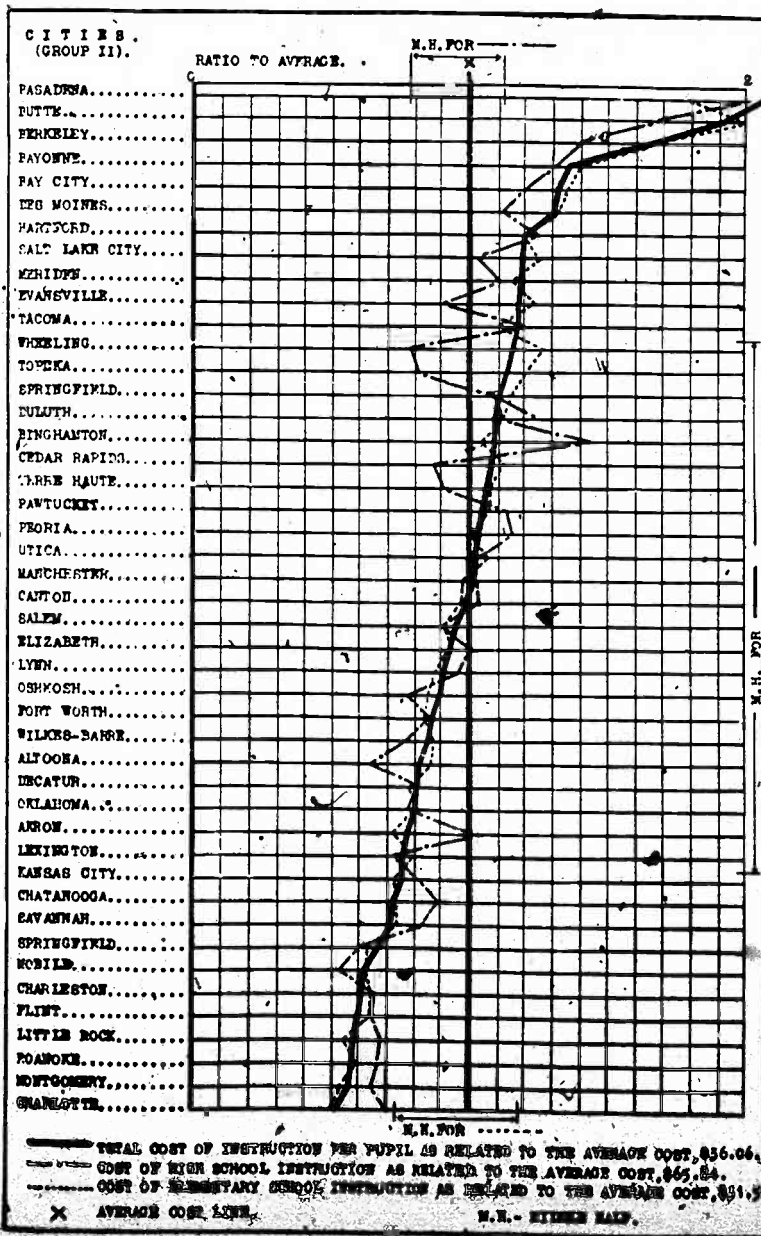


FIG. 23.—Annual cost of instruction per pupil in average daily attendance in elementary, in secondary, and in all schools in 45 cities of Group II, 1917-18.

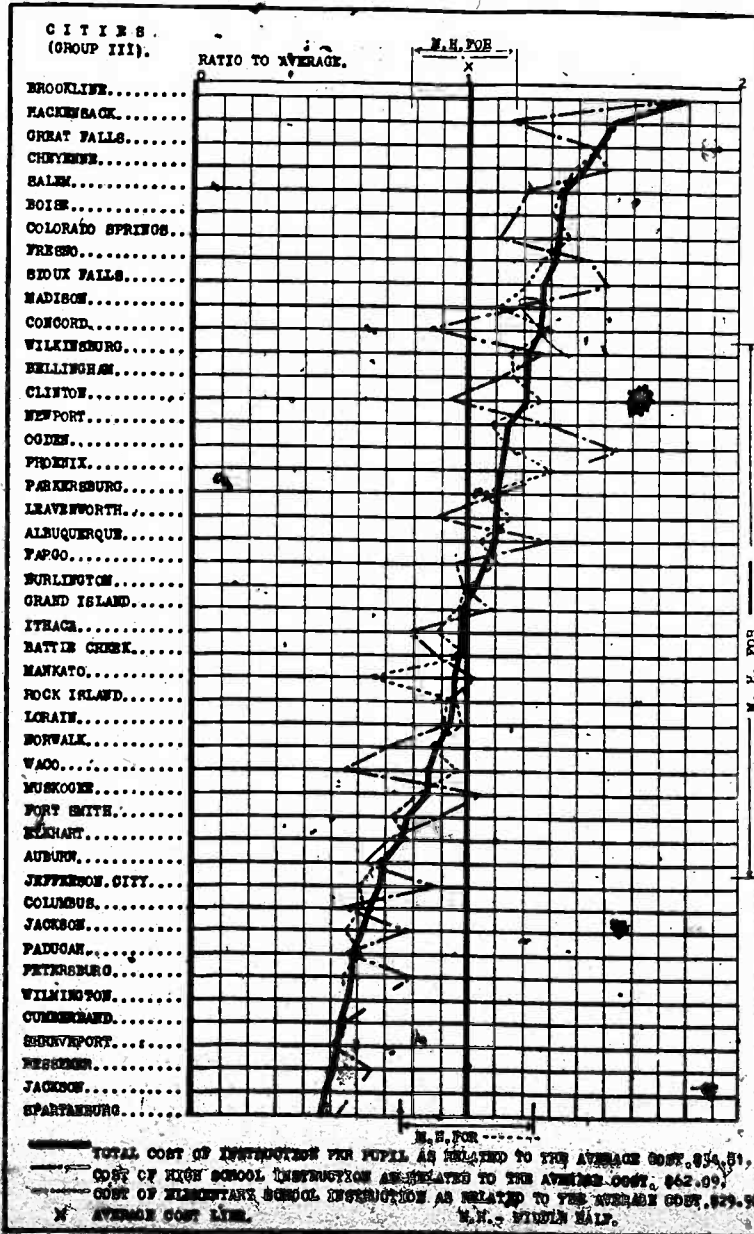


FIG. 44.—Annual cost of instruction per pupil in average daily attendance in elementary, in secondary, and in all schools in 45 cities of Group III, 1917-18.

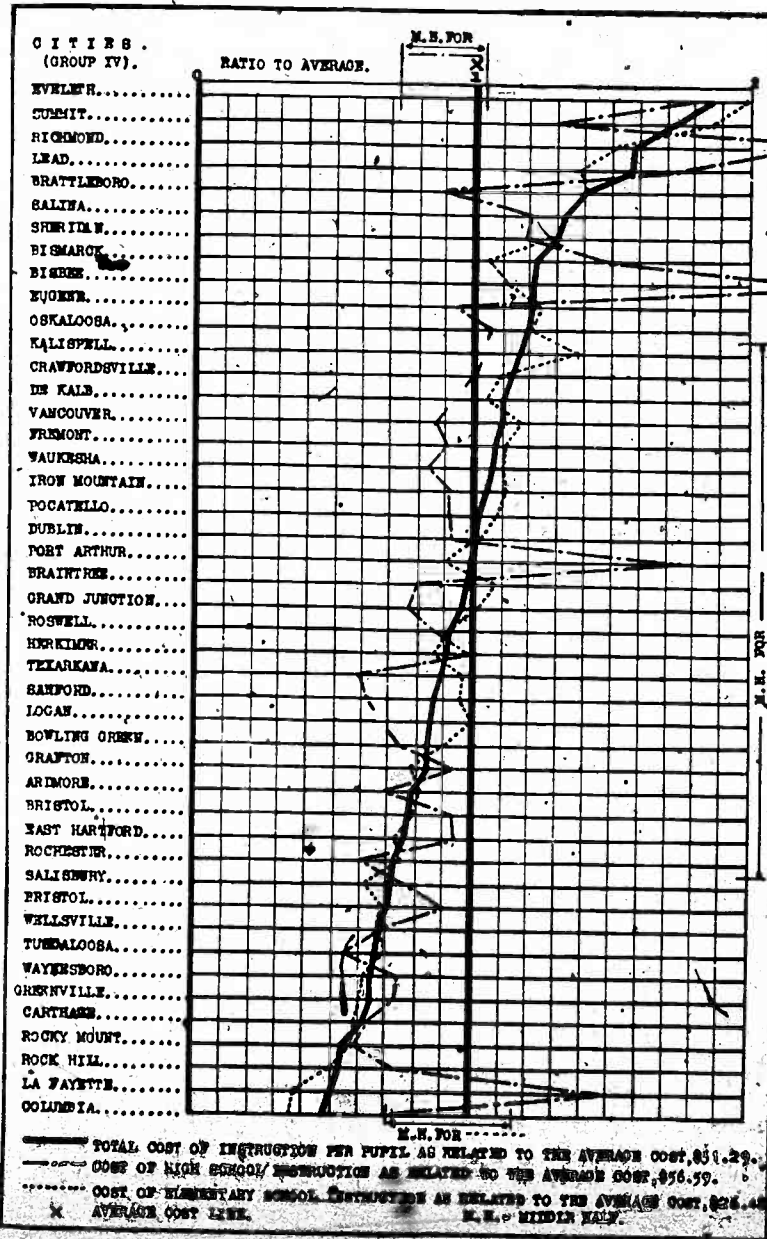


FIG. 44.—Annual cost of instruction per pupil in average daily attendance in elementary, in secondary, and in all schools in 46 cities of Group IV, 1917-18.

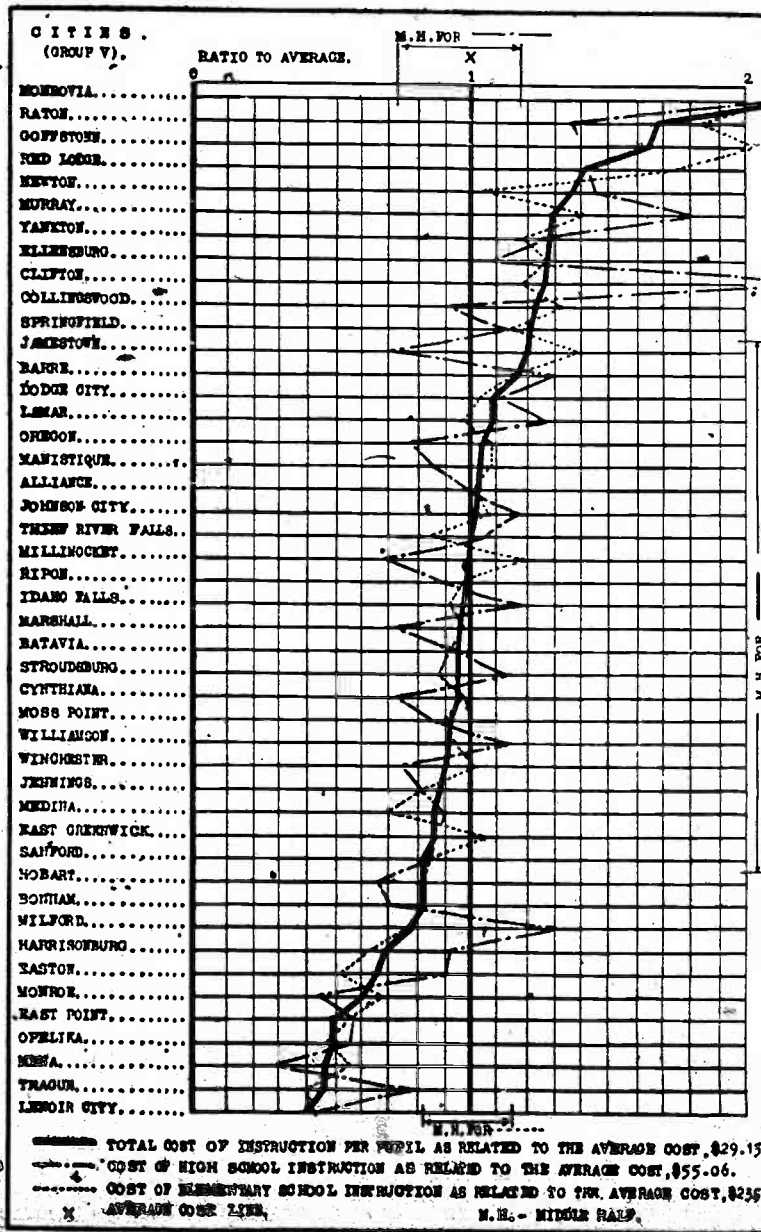


FIG. 46.—Annual cost of instruction per pupil in average daily attendance in elementary, in secondary, and in all schools in 45 cities of Group V, 1917-18.

## 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, \$85.87 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	\$1,055	\$1,063	\$1,769	\$1,695	\$1,722	\$1,701	\$1,104	\$1,140
Denver, Colo.	772	1,083	1,072	1,952	1,518	1,639	1,422	1,092	1,123
Bridgeport, Conn.		787	787	1,600	956	1,142	1,173		836
Louisville, Ky.	635	672	671	1,448	981	1,181	1,291		762
Cambridge, Mass.	1,039	915	918	1,590	1,106	1,262	1,498		1,002
Grand Rapids, Mich.	1,189	848	868	1,264	1,051	1,117	1,355		877
St. Paul, Minn.				1,279	1,323	1,308			
Kansas City, Mo.	834	924	920	1,564	1,287	1,413	1,361	982	1,037
Omaha, Nebr.		857	857	1,032	1,327	1,246	1,020		924
Paterson, N. J.	1,008	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	1,400	1,037	1,079

GROUP II (21 CITIES).

Montgomery, Ala.	\$690	\$525	\$529	\$1,000	\$899	\$830	\$907	\$572	\$598
Sacramento, Calif.	1,267	1,112	1,116	1,555	1,473	1,504	1,489	1,165	1,193
New Britain, Conn.	612	524	529	722	777	766	934	569	613
Jacksonville, Fla.	811	552	566	1,979	949	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	1,726	720	795
Decatur, Ill.	1,284	510	535	816	878	854	902	580	619
Topeka, Kans.	858	829	831	989	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	965	967
Schenectady, N. Y.	1,113	718	726	1,215	1,053	1,088	1,189	762	783
Akron, Ohio.		947	947	1,262	1,047	1,127	1,262	964	989
Allentown, Pa.	1,004	828	856	1,459	1,094	1,331	1,206	847	904
York, Pa.	1,106	483	534	1,152	574	806	1,164	472	588
Pawtucket, R. I.	984	649	651	1,187	878	972	1,158	673	698
Fort Worth, Tex.	764	687	691	1,162	844	936	1,017	718	751
San Antonio, Tex.	971	887	890	1,416	1,252	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	758	779
First quartile	788	529	540	1,140	798	922	998	675	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	\$637	\$517	\$541
Gadsden, Ala.	1,495	399	425	810	679	612	1,153	422	451
Santa Cruz, Calif.	1,350	851	872	1,438	1,283	1,342	1,420	947	1,016
Middletown, Conn.		782	782	1,233	973	1,002	1,233	852	899
Waycross, Ga.	585	599	597	1,100	747	806	843	584	594
Cairo, Ill.		631	631	1,000	827	814	939	646	676
Freeport, Ill.	1,100	685	691	1,288	727	814	939	646	676
Rock Island, Ill.	1,300	726	746	928	1,036	1,131	1,269	746	806
Mishawaka, Ind.		804	804	1,310	967	1,017	990	752	772
Iowa City, Iowa	1,900	682	690	914	866	863	925	648	678
Owensboro, Ky.	854	483	495	1,423	654	910	1,153	486	599
Monroe, La.	540	528	529	750	811	798	845	592	599
Clinton, Mass.		696	696	854	957	901	854	728	739
Gloucester, Mass.		614	614	1,070	855	891	1,070	686	674
Greenfield, Mass.	1,480	654	668	1,032	835	873	1,145	686	710
Medford, Mass.	900	642	645	1,255	713	822	1,221	658	717
Methuen, Mass.	1,200	694	701	1,400	986	1,052	1,388	713	784
Newburyport, Mass.		534	534	1,103	730	804	1,102	678	694
North Adams, Mass.		687	687	1,350	906	1,046	1,350	718	734
Alpena, Mich.	568	549	551	1,331	890	907	4,004	868	868
Ishteping, Mich.		794	794	1,104	967	1,013	1,104	826	864
Grand Island, Nebr.	900	693	697	1,164	815	832	1,136	699	727
Beaumont, N. H.	1,050	768	772	1,319	967	974	1,369	741	808
Bloomfield, N. J.	828	538	542	1,067	1,600	1,801	1,388	898	908

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.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
1	2	3	4	5	6	7	8	9	10
Montclair, N. J.	\$950	\$923	\$923	\$1,535	\$1,532	\$1,533	\$1,333	\$1,010	\$1,051
Albuquerque, N. Mex.	714	714	714	1,243	1,083	1,106	1,243	786	900
Winston-Salem, N. C.	412	412	412	1,042	800	840	1,042	453	468
Piqua, Ohio	700	627	629	816	643	736	804	633	657
Mount Carmel, Pa.	545	545	545	1,500	787	858	1,500	584	600
Plymouth, Pa.	818	539	553	766	532	571	805	578	556
Cleburne, Tex.	739	439	473	1,043	810	888	910	530	599
Paris, Tex.	1,035	523	589	1,108	823	872	1,037	594	659
San Angelo, Tex.	1,075	615	625	1,008	1,254	1,131	1,018	691	730
Ogden, Utah	850	578	584	1,334	934	1,102	1,200	645	647
Barre, Vt.	600	492	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	531	1,049	801	871	1,009	579	611
Fond du Lac, Wis.	540	540	540	1,167	768	847	1,167	583	610
Madison, Wis.	1,234	653	669	1,792	1,264	1,356	1,449	723	825
First quartile	818	534	540	1,008	727	814	990	583	600
Median	925	631	631	1,164	815	891	1,153	658	678
Third quartile	1,127	735	737	1,390	957	1,052	1,289	752	805

GROUP IV (45 CITIES).

Talladega, Ala.	\$580	\$580	\$580	\$988	\$988	\$988	\$1,144	\$648	\$648
Globe, Ariz.	927	927	\$1,144	1,082	1,087	1,087	\$1,144	932	967
Prescott, Ariz.	\$1,300	1,138	1,146	2,900	1,381	1,558	1,807	1,206	1,271
Gainesville, Ga.	700	346	359	1,100	833	967	1,000	507	470
Granite City, Ill.	576	575	575	1,196	949	1,019	1,196	628	659
Monmouth, Ill.	833	553	580	1,273	982	1,065	1,224	692	759
Alexandria, Ind.	717	432	493	893	722	779	757	506	592
Columbus, Ind.	1,131	545	605	1,186	729	889	1,131	585	702
Connersville, Ind.	847	750	766	1,513	833	1,059	1,143	770	848
Ottawa, Kans.	602	602	602	1,575	510	674	1,575	578	623
Presque Isle, Me.	408	408	408	725	699	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	805
Arlington, Mass.	844	844	1,200	757	807	1,200	633	653	653
Amherst, Mass.	1,350	557	587	1,500	847	1,034	1,470	638	739
Concord, Mass.	763	763	1,433	620	832	1,433	712	802	802
Easthampton, Mass.	1,408	590	650	817	765	770	1,261	624	674
Franklin, Mass.	686	686	686	950	678	708	950	684	691
Great Barrington, Mass.	687	687	925	856	871	925	715	725	725
Ipswich, Mass.	750	598	604	1,100	767	804	925	640	657
Ludington, Mich.	900	549	564	878	623	730	884	559	597
Mount Clemens, Mich.	518	518	518	820	578	664	820	584	610
Brookfield, Mo.	411	421	421	928	681	712	64	483	501
Kalspell, Mont.	1,375	903	936	.....	.....	.....	1,375	903	936
Hannamont, N. J.	1,500	670	688	1,179	899	944	1,335	692	716
South Amboy, N. J.	1,275	729	774	1,200	834	910	1,230	746	799
Santa Fe, N. Mex.	685	685	1,225	586	728	1,225	659	708	708
Norwich, N. Y.	606	606	1,450	880	927	1,450	674	692	692
Concord, N. C.	723	414	430	790	584	653	756	431	461
High Point, N. C.	492	492	760	480	812	780	490	501	501
Rocky Mount, N. C.	625	471	474	1,175	639	792	992	493	521
Delphos, Ohio	925	455	496	1,189	1,002	1,070	1,080	560	644
Troy, Ohio	900	669	677	854	804	831	945	708	740
Bristol, Pa.	577	577	1,000	568	629	1,000	575	588	588
Danville, Pa.	634	634	1,124	828	997	1,124	633	707	707
Kane, Pa.	508	508	1,260	1,108	1,102	1,250	609	666	666
Laporte, Pa.	748	587	595	1,166	745	850	1,026	623	664
Middletown, Pa.	806	806	624	794	646	720	609	638	638
North Providence, R. I.	675	662	569	.....	.....	.....	675	562	569
Lead, S. Dak.	623	623	1,113	828	908	1,113	691	723	723
Charlottesville, Tenn.	750	585	617	600	625	618	643	456	485
Montpelier, Vt.	559	559	1,833	1,091	1,272	1,833	709	797	797
St. Albans, Vt.	608	608	1,350	716	867	1,350	553	606	606
Grand Rapids, Wis.	608	608	1,575	1,068	1,172	1,590	706	791	791
Manasha, Wis.	664	664	894	896	655	818	547	698	698
First quartile	585	508	508	1,512	830	720	884	556	602
Median	647	584	587	1,188	768	857	1,128	625	664
Third quartile	1,275	670	682	919	689	997	1,325	669	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.	Wo-men.	Total.	Men.	Wo-men.	Total.	Men.	Wo-men.	Total.
1	2	3	4	5	6	7	8	9	10
Attala, Ala.	\$600	\$471	\$484				\$600	\$471	\$484
Enfanta, Ala.		420	420	\$1,300	\$1,275	\$1,281	1,300	591	635
Troy, Ala.		560	560	900	585	664	900	564	582
Conway, Ark.	810	465	491		513	513	810	471	494
Rogers, Ark.	480	323	335	580	480	496	520	363	380
Orange, Calif.	1,075	580	618				1,075	580	618
Longmont, Colo.		900	900	1,165	669	939	1,165	887	910
Seymour, Conn.		670	670	1,300	850	950	1,300	692	711
Windsor, Conn.	1,200	507	529	1,700	1,048	1,210	1,450	575	624
Bushnell, Ill.		501	501	1,133	723	899	1,133	548	628
Hillstone, Ill.		398	398	880	743	785	950	461	490
Naperville, Ill.		680	680	950	766	827	950	704	735
Garrett, Ind.		618	618	630	626	626	633	547	557
Kendallville, Ind.	673	618	627	1,144	842	976	1,144	702	765
Cherokee, Iowa.		631	631	724	608	659	724	624	644
Shenandoah, Iowa.		684	684	1,030			1,030	633	676
Beloit, Kans.		674	674		739	739		700	700
Shelbyville, Ky.		518	518		600	600		536	536
Jennings, La.		647	647	1,500	765	888	1,500	680	723
Bridgeton, Me.		476	476	1,200	554	716	1,200	437	521
Ellsworth, Me.		442	442	1,300	705	824	1,300	492	529
Ayer, Mass.		632	632	1,580	655	809	1,580	640	703
East Bridgewater, Mass.	1,000	515	541	1,600	611	752	1,300	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	794	807
Ely, Minn.	1,130	325	332	1,445	993	1,106	1,340	845	873
Luverne, Minn.		667	667	1,001	893	942	1,001	731	733
Fredericktown, Mo.	540	395	405	833	596	664	735	451	491
Alliance, Nebr.		649	649	1,100	900	929	1,100	630	648
Freshold, N. J.		743	743	1,316	1,081	1,171	1,316	839	911
Scotia, N. Y.		622	622	1,000	898	920	1,000	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	457	475
Blackwell, Okla.		403	403	790	439	497	790	416	442
Ambler, Pa.		580	580	775	667	710	775	599	616
Bellefonte, Pa.	610	509	573	1,029	727	710	926	621	674
Lenoir City, Tenn.		586	586	900	600	675	900	589	607
Brady, Tex.		551	551	974	735	835	974	594	666
Childress, Tex.	670	668	727	1,350	810	1,134	1,510	696	770
Davis, W. Va.		482	482		709	709		520	520
Jefferson, Wis.		565	565	1,105	898	947	1,105	632	746
Washburn, Wis.		586	585	899	791	819	899	643	674
Whitewater, Wis.		607	607	990	729	766	990	647	665
First quartile.....	570	474	484	900	611	709	900	528	533
Median.....	810	569	580	1,080	727	817	1,016	596	644
Third quartile.....	1,103	635	632	1,300	842	939	1,300	691	707

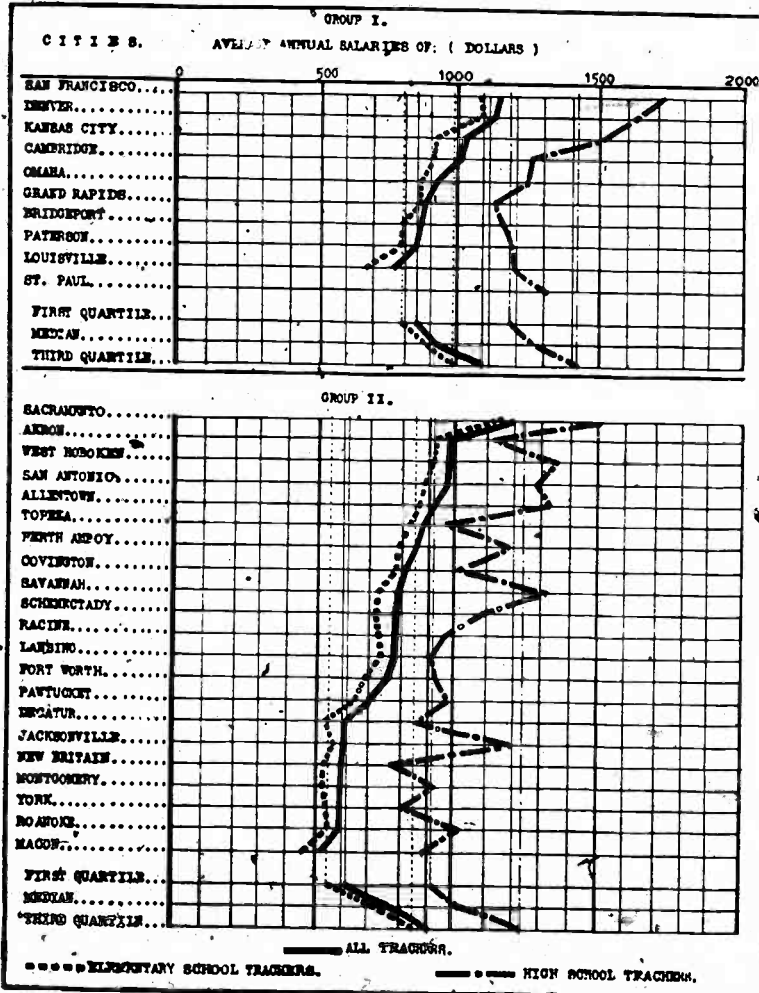


FIG. 47.—Average annual salaries of elementary-school teachers, of high-school teachers, and of all teachers in certain cities of Groups I and II, 1917-18.

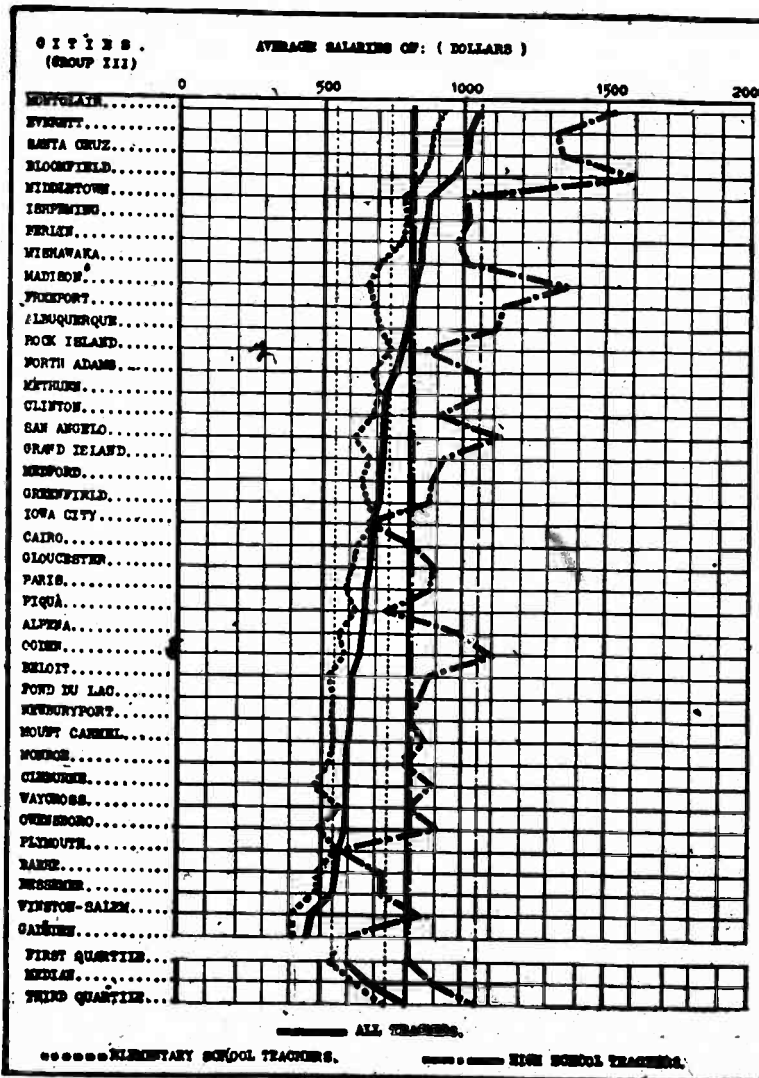


FIG. 48.—Average annual salaries of elementary-school teachers, of high-school teachers, and of all teachers in certain cities of Group III, 1917-18.

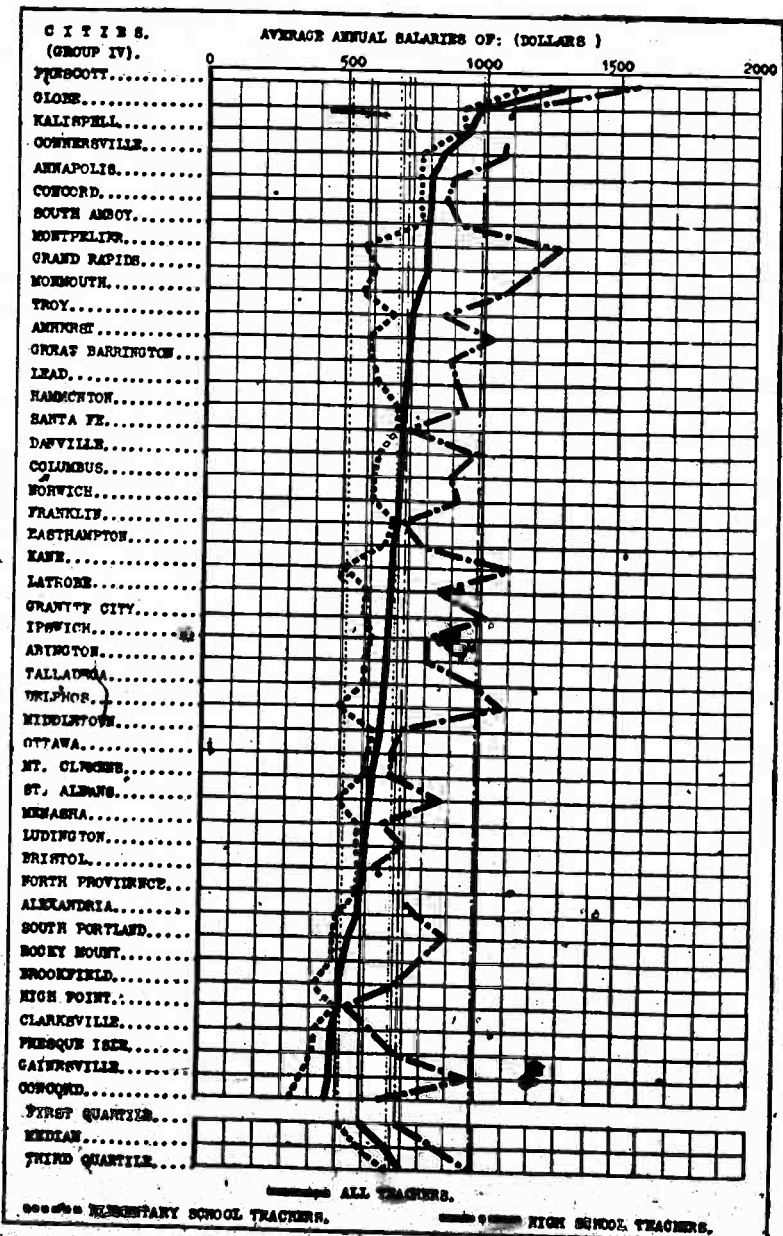


FIG. 40.—Average annual salaries of elementary-school teachers, of high-school teachers, and of all teachers in certain cities of Group IV, 1917-18.

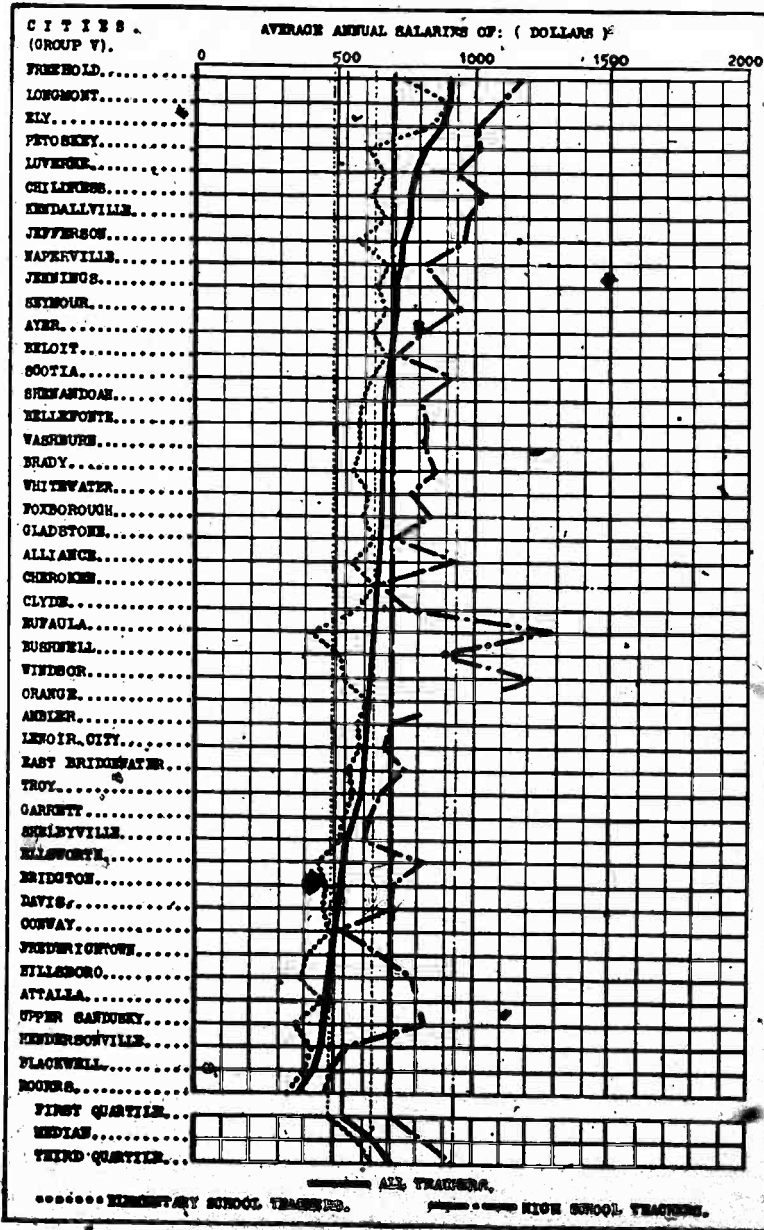


FIG. 60.—Average annual salaries of elementary school teachers, of high school teachers, and of all teachers in certain cities of Group V, 1917-18.

## 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 \$668; 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 12.—Combined summary of attendance, personnel, number of schools, and number of school buildings for the five groups of cities of 2,500

State	City school systems	Superintendents and assistants	Superintendents	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
United States	2,401	2,512	5,071	8,847	25,063	216,319	241,382	4,239,467	4,347,134	8,586,601	1,230,074,140	6,780,314	21,250	20,843	732	1,021,127
Alabama	28	30	22	56	168	1,587	1,755	30,945	41,541	78,506	9,354,157	54,061	65	168	3	0,463
Arizona	10	12	20	24	43	563	606	11,043	11,806	23,440	2,785,052	15,700	77	69	2	813
Arkansas	28	29	22	66	121	1,116	1,237	21,702	28,260	52,962	6,735,737	39,261	167	154	6	1,919
California	60	73	234	498	1,345	9,376	10,721	172,376	175,068	347,443	47,258,066	258,488	705	1,046	11	21,487
Colorado	29	31	36	114	1,286	2,356	2,660	46,187	47,549	93,738	12,506,975	69,620	771	267	6	21,981
Connecticut	74	78	186	164	438	5,934	6,372	107,203	112,404	219,607	32,070,560	177,186	807	831	27	32,252
Delaware	4	4	1	20	10	136	146	6,903	8,544	15,447	2,191,197	12,048	39	38	1	1,819
Dist. of Columbia	1	3	16	20	219	1,836	2,055	26,117	31,819	61,536	8,270,461	47,838	152	152	1	18,819
Florida	22	22	11	39	108	1,284	1,392	25,430	27,053	50,488	6,226,018	39,409	230	222	1	489
Georgia	45	42	24	134	247	2,527	2,774	64,780	67,151	131,931	16,601,790	94,407	308	345	7	2,114
Illinois	12	12	25	35	77	492	569	10,169	10,953	21,122	2,892,627	10,677	63	47	1	245
Indiana	146	167	243	622	1,375	14,137	15,512	313,541	311,390	624,927	96,207,619	528,200	1,146	1,118	65	198,848
Iowa	88	93	220	225	630	6,076	6,945	117,621	120,880	238,411	34,138,308	198,186	470	462	32	23,799
Kansas	70	72	209	269	459	4,829	5,288	76,874	81,391	158,265	22,535,817	127,463	464	462	8	5,214
Kentucky	53	54	81	108	326	2,168	2,294	50,681	60,847	117,528	15,914,632	90,495	377	337	8	5,233
Louisiana	40	47	55	113	196	2,162	2,348	41,277	44,247	86,524	11,837,405	64,321	243	217	15	16,755
Maine	26	26	11	76	122	1,967	2,089	36,141	42,909	81,060	10,392,876	59,662	176	190	3	1,013
Massachusetts	48	48	107	85	215	2,328	2,543	36,224	36,865	73,109	10,186,699	68,666	726	710	18	10,282
Michigan	151	170	456	677	1,947	15,709	17,286	286,952	286,294	573,246	84,326,988	478,004	1,962	2,136	69	109,601
Minnesota	79	88	200	371	926	8,646	9,372	164,904	167,429	332,423	47,401,701	256,919	798	760	37	68,817
Mississippi	48	43	124	231	502	4,622	5,124	96,803	97,738	194,541	24,862,318	136,801	414	414	16	23,994
Missouri	29	29	21	16	86	4,078	4,174	18,846	21,738	40,584	5,225,293	29,726	180	170	2	4,425
Montana	62	76	108	207	701	5,968	6,719	126,073	132,003	258,076	37,228,293	197,595	520	687	13	34,431
Nebraska	14	15	60	50	87	5,963	1,040	16,719	17,163	34,204	4,465,070	24,659	132	136	2	6,983



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Nebraska	25	4	74	117	155	2,024	2,179	35,193	36,377	71,571	10,317,122	57,297	290	198	8	636
Nevada	26	4	5	6	20	1,111	1,131	2,147	2,296	4,445	604,330	34,433	20	20	12	15,017
New Hampshire	26	86	309	441	1,041	10,554	11,593	296,868	295,237	36,049	4,978,906	28,683	253	263	31	42,716
New Jersey	10	10	20	7	37	367	394	7,033	6,487	13,520	1,920,301	320,137	701	634	3	11,600
New Mexico	160	177	636	1,545	4,222	34,494	38,727	678,555	672,028	1,350,581	196,422,475	1,049,806	1,533	1,508	52	86,070
North Carolina	39	42	20	53	123	1,089	1,811	36,103	40,600	76,708	9,728,760	56,650	202	101	7	1,708
North Dakota	10	20	20	16	45	415	469	7,159	7,700	14,919	2,228,854	12,283	53	48	1	120
Ohio	12	14	274	656	1,964	14,364	16,898	269,171	270,121	539,292	81,605,921	451,593	1,253	1,166	36	16,130
Oklahoma	46	46	75	122	330	2,316	2,630	49,178	52,564	101,732	12,878,959	73,046	286	263	6	1,516
Oregon	17	18	30	75	243	1,634	1,877	31,536	33,521	65,057	8,871,549	48,172	155	138	2	141
Rhode Island	25	27	394	665	2,682	19,737	22,490	427,201	440,674	878,196	131,062,865	702,192	1,921	1,630	93	163,276
South Carolina	25	25	50	57	208	2,369	2,597	51,643	56,299	112,577,952	98,586	398	392	13	15,646	
South Dakota	13	13	26	22	69	556	615	8,119	8,638	16,777	2,452,661	13,780	18	19	3	697
Tennessee	27	25	26	91	238	1,966	2,204	41,454	46,396	87,850	11,211,450	65,507	232	209	6	1,546
Texas	90	93	76	238	721	5,523	6,244	120,160	130,013	250,173	31,046,200	178,134	696	710	12	6,036
Utah	16	16	35	79	177	1,237	1,414	24,411	24,354	46,765	6,837,037	39,497	108	108	2	636
Vermont	22	22	46	82	82	947	1,079	14,168	14,745	28,913	4,250,971	24,283	205	196	6	146
Virginia	22	25	31	64	292	2,622	2,914	47,485	53,963	101,447	14,643,645	80,733	239	215	11	2,222
Washington	27	31	79	169	532	2,968	3,498	59,744	62,003	121,747	16,907,645	93,410	297	294	13	11,630
West Virginia	25	26	59	85	176	1,643	1,719	28,243	30,134	58,377	8,080,060	45,907	204	194	10	3,926
Wisconsin	74	77	135	193	563	4,907	5,470	94,064	97,156	191,819	27,844,021	161,911	546	493	47	59,060
Wyoming	7	7	21	17	19	227	246	4,503	5,076	9,579	1,311,512	7,468	47	44	1	143

\* Estimates are included for 988 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-intend-ants and act-ing super-intend-ants.	Super-visors.	Princ-ipals.	Teachers.			Enrollment.			Average daily attend-ance.	Aggregate attend-ance.	Num-ber of school-build-ings.	Enrollment in private schools (partly estimated).	
					Men.	Wom-en.	Total.	Boys.	Girls.	Total.				Cities.	Enroll-ment.
United States.....	51	220	935	3,868	11,204	99,412	1,845,212	1,842,260	3,687,472	534,235,769	2,877,418	4,505	4,970	30	893,728
Alabama.....	1	2	10	27	92	630	14,891	16,055	30,945	3,734,154	21,302	59	58		
Arizona.....	1	1	10	26	653	5,135	92,850	98,747	186,616	26,150,013	138,522	345	449	2	10,330
Arkansas.....	1	3	10	36	57	966	20,597	20,876	41,473	5,039,784	30,051	77	67		
California.....	3	7	28	26	176	1,824	1,437	26,887	26,901	8,345,005	45,328	89	95	1	5,060
Colorado.....	1	3	13	24	219	1,688	29,717	31,819	61,836	8,270,461	47,838	152	152	1	18,819
Connecticut.....	1	2	8	64	68	676	14,202	15,682	29,884	4,592,340	28,513	64	64		
Delaware.....	1	14	28	295	794	7,172	186,262	181,623	368,225	58,058,900	315,118	296	298	1	161,000
District of Columbia.....	1	1	6	19	145	1,144	1,230	21,204	21,866	6,068,100	33,960	77	75		5,651
Florida.....	1	5	11	51	75	782	15,769	16,039	32,296	4,375,371	29,825	66	63	1	12,000
Georgia.....	1	3	4	65	71	1,260	22,221	26,570	47,791	6,357,037	36,117	88	124		
Illinois.....	1	7	7	104	246	2,108	40,781	40,880	81,031	10,540,704	59,352	110	164		
Indiana.....	1	15	68	213	812	4,903	106,289	101,006	206,295	29,468,149	168,754	302	497	5	81,468
Iowa.....	2	6	29	109	349	3,090	68,373	68,008	137,295	19,137,028	108,604	192	176	2	43,131
Kansas.....	2	9	22	123	278	2,338	44,067	45,345	89,412	13,387,402	73,960	151	144	2	17,528
Kentucky.....	2	15	51	170	447	3,368	76,323	79,069	158,394	22,955,036	118,254	215	212	1	30,000

	1	2	10	14	50	915	963	15,063	15,415	30,796	4,612,105	21,451	37	50	16,835
Alabama	1														
Arizona	1														
Arkansas	1														
California	1														
Colorado	1														
Connecticut	1														
Delaware	1														
District of Columbia	1														
Florida	1														
Georgia	1														
Idaho	1														
Illinois	1														
Indiana	1														
Iowa	1														
Kansas	1														
Kentucky	1														
Louisiana	1														
Maine	1														
Maryland	1														
Massachusetts	1														
Michigan	1														
Minnesota	1														
Mississippi	1														
Missouri	1														
Montana	1														
Nebraska	1														
Nevada	1														
New Hampshire	1														
New Jersey	1														
New Mexico	1														
New York	1														
North Carolina	1														
North Dakota	1														
Ohio	1														
Oklahoma	1														
Oregon	1														
Pennsylvania	1														
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														

1 Does not include kindergartens.

2 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-intendents and assistant super-intendents.	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.	Wo-men.	Total.	Boys.					Girls.	Total.
United States.....	141	177	890	1,812	4,027	38,224	42,245	711,189	735,727	1,446,916	3,306	3,334	81	163,559
Alabama.....	2	2	7	7	23	351	374	6,402	7,027	14,029	29	30	2	5,963
Alaska.....	1	1	4	10	25	275	300	5,110	5,530	10,640	24	23	1	1,000
Arizona.....	4	5	40	69	158	1,186	1,347	20,536	20,958	41,394	100	161	1	500
California.....	2	2	12	14	26	259	284	4,646	4,798	9,447	22	24	2	1,500
Colorado.....	4	5	39	61	158	1,450	1,608	23,977	27,580	51,557	88	86	3	14,636
Connecticut.....	1	1	1	28	9	368	362	3,991	7,543	11,534	32	32	3	14,636
Delaware.....	1	1	1	28	9	368	362	3,991	7,543	11,534	32	32	3	14,636
District of Columbia.....	2	5	5	11	78	643	719	13,377	14,304	27,441	182	135	1	1,105
Florida.....	3	4	8	31	61	662	728	13,378	17,867	33,245	88	86	1	1,105
Georgia.....	7	8	40	89	197	1,667	1,864	30,448	30,968	61,416	151	155	4	9,370
Idaho.....	4	7	29	55	104	1,472	1,576	22,317	23,068	45,405	96	102	2	6,216
Illinois.....	5	6	50	111	154	1,763	1,917	29,454	30,245	59,699	139	134	1	1,087
Indiana.....	3	3	15	37	111	884	995	17,996	18,931	36,927	98	95	2	3,626
Iowa.....	3	9	16	27	22	433	455	7,499	7,963	15,462	37	34	1	1,641
Kansas.....	1	2	6	15	25	327	352	4,837	4,975	9,812	36	36	3	1,641
Kentucky.....	17	25	93	249	492	4,767	5,259	82,639	83,094	165,733	444	461	16	32,470
Louisiana.....	8	10	39	65	151	1,555	1,706	28,193	29,198	57,391	124	129	7	9,306
Maine.....	1	1	14	28	47	444	491	8,064	8,230	16,294	52	52	3	2,035
Massachusetts.....	3	4	16	50	80	840	920	14,232	14,812	29,044	82	76	3	2,035
Michigan.....	1	2	8	14	23	270	293	4,720	4,797	9,517	24	23	3	2,035
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.....														



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.	Supervisors.	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	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States.....	1,420	417	1,310	1,555	3,945	26,330	40,495	685,419	725,126	1,420,545	200,836,511	1,117,668	4,302	4,260	220	182,527
Alabama.....	4	4	4	9	19	216	235	5,810	6,785	12,695	1,467,926	8,412	30	29	1	610
Arizona.....	2	2	3	9	11	169	180	3,871	3,854	7,455	1,845,595	5,158	18	18	1	777
California.....	4	5	6	28	41	337	378	7,537	8,684	16,321	1,860,059	10,947	44	41	1	225
Colorado.....	3	3	3	6	308	1,662	1,868	32,686	33,668	66,354	8,439,677	47,963	154	206	2	284
Connecticut.....	16	17	42	57	95	1,494	1,899	25,876	26,444	52,320	7,549,248	42,203	208	202	10	9,359
Delaware.....	2	2	2	5	8	254	242	3,600	5,400	9,000	1,245,178	7,782	34	32	1	489
District of Columbia.....	5	5	5	8	41	323	364	7,020	7,940	14,960	1,968,139	11,092	48	53	3	449
Georgia.....	2	2	2	5	8	100	116	2,092	2,742	4,199	529,379	3,060	10	10	1	145
Idaho.....	26	25	23	76	191	1,713	2,067	41,742	41,742	83,484	12,432,000	68,023	254	282	21	18,745
Illinois.....	20	23	23	66	304	1,753	2,057	36,633	36,626	73,621	10,383,599	56,813	194	182	14	9,480
Indiana.....	13	14	14	39	102	1,330	1,432	22,076	22,743	44,751	6,449,042	36,143	134	143	9	1,294
Iowa.....	9	10	24	7	75	683	749	12,861	14,066	27,047	3,542,596	20,131	83	82	1	870
Kansas.....	4	5	15	5	33	287	320	5,192	5,661	10,853	1,492,068	8,046	38	35	3	1,267
Kentucky.....	4	4	6	11	26	269	365	7,446	8,875	16,320	1,896,025	11,211	32	30	2	865
Louisiana.....	6	6	6	22	41	480	521	8,388	8,388	16,777	2,340,638	13,259	128	114	5	6,677
Michigan.....	3	3	6	12	29	209	238	5,648	5,973	11,619	1,476,558	8,342	29	29	1	66
Minnesota.....	22	22	110	124	188	2,896	3,064	48,768	49,026	97,494	14,673,568	84,354	424	428	20	20,739
Mississippi.....	16	17	64	46	155	1,345	1,510	25,518	26,302	51,820	7,560,314	40,284	188	162	12	8,990
Missouri.....	5	5	20	17	27	333	380	5,228	5,584	10,812	1,711,344	9,328	42	41	3	3,826
Montana.....	5	5	5	6	34	322	356	8,084	8,084	16,168	2,111,314	11,306	46	42	4	502
Nebraska.....	5	5	5	10	37	359	396	7,420	7,921	15,341	2,039,853	11,306	46	44	4	502
Nevada.....	5	5	5	9	10	37	396	7,420	7,921	15,341	2,039,853	11,306	46	44	4	502
New York.....	5	5	25	22	43	424	467	7,180	7,571	14,751	1,932,134	10,838	51	57	2	893

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
Alabama	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Arizona	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Arkansas	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
California	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Colorado	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Connecticut	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Delaware	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
District of Columbia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Florida	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Georgia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Idaho	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Illinois	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Indiana	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Iowa	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kansas	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kentucky	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Louisiana	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maine	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maryland	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Massachusetts	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Michigan	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Minnesota	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mississippi	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Missouri	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Montana	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Nebraska	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Nevada	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Hampshire	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Jersey	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Mexico	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New York	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
North Carolina	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
North Dakota	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ohio	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Oklahoma	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Oregon	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Pennsylvania	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Rhode Island	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
South Carolina	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
South Dakota	1	1	1	1	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
Texas	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Vermont	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

\* Estimates are included for 25 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 IV.—CITIES OF 5,000 TO 10,000 POPULATION.

States.	City school systems.	Superintendents and assistant superintendents.	Superintendents.	Principal.	Teachers.			Enrollment.			Aggregate daily attendance.	Average daily attendance.	Num. of schools.	Num. of school buildings.	Enrollment in private schools (partly estimated).					
					Men.	Women.	Total.	Boys.	Girls.	Total.					Cities.	16.	17.			
United States.....	657	627	1,022	772	2,962	26,029	26,991	493,377	520,438	1,013,815	145,366,568	813,207	4,124	3,884	256	74,499	15	16	17	
Alabama.....	6	6	1	7	16	166	182	3,997	4,570	8,567	1,045,302	5,924	25	24	24	24	24	24	24	
Arizona.....	5	7	18	14	19	268	287	6,000	6,415	12,415	1,605,310	7,958	43	36	36	36	36	36	36	
Arkansas.....	4	4	3	7	19	111	130	3,632	3,632	6,842	850,166	4,968	26	22	22	209	2	2	2	
California.....	10	10	11	14	96	640	641	8,987	9,381	18,368	2,572,399	14,384	64	63	63	3	3	3	3	
Colorado.....	7	8	27	18	50	381	431	6,766	6,982	13,738	1,865,900	10,544	63	63	63	4	4	4	4	
Connecticut.....	19	19	20	12	42	841	883	15,472	16,065	31,537	4,536,447	28,086	209	214	9	9	9	9	9	
Delaware.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dist. Columbia.....	5	2	1	9	9	149	158	2,660	2,926	5,585	637,446	4,045	20	19	3	680	10	10	10	
Florida.....	14	14	1	9	51	466	517	10,165	11,962	22,127	2,898,467	16,801	81	68	3	680	68	68	68	
Georgia.....	4	4	8	20	29	190	219	3,865	4,117	8,012	1,132,866	6,658	28	25	25	245	25	25	25	
Illinois.....	44	47	53	37	161	1,690	1,841	31,610	32,476	64,085	9,755,173	64,175	230	212	28	8,229	212	212	212	
Indiana.....	26	26	20	18	106	999	1,197	20,775	21,459	42,234	6,143,345	34,408	160	146	11	2,160	146	146	146	
Iowa.....	9	9	20	17	37	444	481	6,852	7,367	14,199	2,074,792	11,520	51	50	1	255	50	50	50	
Kansas.....	13	13	24	21	70	625	696	12,862	13,663	26,524	3,520,863	19,942	80	86	3	667	86	86	86	
Kentucky.....	12	12	13	12	48	374	422	7,603	8,222	15,825	2,214,860	11,948	57	48	7	1,607	48	48	48	
Louisiana.....	16	16	23	10	75	712	787	13,004	13,728	26,732	3,844,436	23,054	19	15	1	150	15	15	15	
Maine.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maryland.....	4	4	2	5	12	182	194	2,787	2,981	5,768	805,096	4,782	26	26	10	2,962	26	26	26	
Massachusetts.....	49	49	101	80	178	2,012	2,190	34,689	35,183	69,872	10,606,764	60,366	428	423	19	4,138	423	423	423	
Michigan.....	23	23	56	39	141	1,083	1,224	17,886	18,840	36,726	6,763,960	30,102	151	136	12	6,061	136	136	136	
Minnesota.....	16	16	47	31	94	860	954	13,502	14,277	27,779	4,249,151	23,548	118	111	8	2,360	111	111	111	
Mississippi.....	10	10	13	10	29	456	485	8,532	9,072	18,504	2,318,860	13,033	65	61	2	425	61	61	61	
Missouri.....	17	17	23	17	66	641	727	14,013	15,151	29,164	4,101,746	22,724	110	109	2	205	109	109	109	
Montana.....	3	3	10	4	95	95	99	1,669	1,700	3,369	433,474	2,402	12	11	2	205	11	11	11	



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	9	9	22	9	43	416	459	7,621	6,170	15,691	2,135,701	2,181	58	56	4	499
Kentucky	6	21	11	19	112	41,109	1,221	2,925	3,020	5,945	841,877	4,945	57	57	5	2,417
New Hampshire	2	2	2	54	1	1,357	20,376	1,484	20,634	41,010	5,842,004	31,461	138	123	7	2,639
New Jersey	24	24	56	47	80	1,033	1,113	16,161	17,064	33,215	4,854,777	26,215	126	115	11	3,107
New Mexico	12	12	2	8	46	514	11,830	11,830	13,245	25,075	3,025,018	17,910	63	59	3	748
North Carolina	3	3	4	10	10	110	2,184	2,184	2,187	4,356	660,688	3,174	15	13		
North Dakota	43	44	76	43	284	1,835	2,139	34,117	35,106	69,222	10,371,143	59,407	262	223	16	3,450
Ohio	6	6	19	5	48	270	318	6,384	6,903	12,867	1,743,178	9,896	33	33	1	3,800
Oklahoma	5	5	12	14	42	255	297	4,644	5,039	9,693	1,283,949	7,134	81	81	1	130
Oregon	82	82	90	44	311	2,637	3,241	63,292	63,633	125,416	19,490,355	107,823	490	37	37	12,251
Rhode Island	9	9	14	12	20	217	337	6,073	6,343	12,415	1,887,969	10,101	66	66	1	1,240
South Carolina	9	9	2	5	35	340	384	7,078	8,157	15,235	2,107,100	11,818	64	47	1	40
South Dakota	4	4	11	9	24	182	208	2,812	2,805	5,717	880,718	4,732	25	23	1	225
Tennessee	5	5	1	6	35	178	213	4,063	4,773	8,836	1,283,030	7,298	21	20	1	55
Texas	19	19	11	16	157	897	1,054	20,922	22,548	43,470	5,499,496	31,844	120	118	3	838
Utah	2	2	4	2	27	86	113	2,049	2,041	4,090	575,313	3,424	15	14	2	538
Vermont	6	6	9	3	16	215	231	3,138	3,279	6,417	917,522	5,227	44	43	4	1,406
Virginia	7	7	6	19	579	298	298	4,186	4,784	8,950	1,284,983	7,253	42	29	1	60
Washington	4	4	8	3	41	166	197	3,668	3,994	7,682	1,028,635	5,723	26	26	3	328
West Virginia	4	4	6	17	45	300	405	6,831	7,207	14,038	2,050,272	11,625	58	58	4	469
Wisconsin	18	18	37	19	66	708	792	11,521	12,731	24,382	3,015,054	19,804	114	103	17	8,374
Wyoming	3	3	10	6	11	108	119	2,178	2,473	4,651	654,712	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.	Superintendents and assistant superintendents.	Superintendents.	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.
United States	1,162	1,941	935	720	2,911	27,328	30,239	494,277	523,583	1,017,853	144,134,960	812,778	5,013	4,385	145	26,804
Alabama	15	16	15	6	15	224	242	3,741	6,504	12,268	1,455,062	8,390	42	27	.....	.....
Arizona	1	3	3	1	12	96	96	1,741	1,807	3,578	444,317	2,644	16	15	.....	.....
Arkansas	10	10	10	7	15	347	395	8,745	10,314	19,159	15,023	172	68	68	.....	485
California	26	26	26	23	182	342	1,033	17,418	19,241	36,659	4,823,892	27,428	122	130	5	298
Colorado	16	15	33	20	88	454	539	9,418	10,063	19,481	2,325,944	14,383	81	70	2	229
Connecticut	32	30	33	6	30	825	855	14,991	15,474	30,465	4,063,429	22,662	213	234	4	128
Delaware	3	3	.....	.....	10	53	63	912	1,189	2,101	338,213	1,811	7	6	.....	.....
Dist. Columbia	13	22	4	20	12	268	280	4,028	4,404	8,432	1,066,864	14,705	44	36	.....	.....
Florida	22	17	.....	.....	26	400	426	7,965	9,200	17,265	2,019,652	14,705	87	74	.....	.....
Georgia	7	7	14	14	32	202	234	4,182	4,729	8,911	1,230,292	6,959	27	12	.....	.....
Idaho	65	70	35	23	112	1,438	1,560	23,657	24,348	48,005	7,393,758	40,478	215	270	11	1,974
Illinois	37	36	39	16	118	811	929	16,532	17,689	34,221	4,966,520	28,523	141	105	4	552
Iowa	43	43	40	67	166	1,303	1,469	18,890	21,036	39,926	5,811,767	33,770	180	163	1	148
Kansas	28	28	18	40	70	796	866	13,572	14,158	27,730	3,911,950	22,124	116	74	2	170
Kentucky	20	15	.....	18	18	276	294	5,244	5,772	11,016	1,440,393	5,178	45	39	3	240
Louisiana	15	17	.....	.....	7	226	243	4,871	5,128	10,000	1,201,778	3,370	38	24	.....	.....
Maine	33	18	.....	10	64	776	840	11,852	11,868	23,720	3,185,864	18,328	328	324	3	632
Maryland	7	3	.....	4	24	123	156	2,703	3,173	5,876	708,862	4,272	24	24	.....	.....
Massachusetts	48	49	62	13	77	1,120	1,207	17,697	17,985	35,682	5,288,764	30,332	356	337	9	1,089
Michigan	30	32	32	22	147	1,453	1,600	24,472	24,590	49,062	7,599,191	38,166	151	147	4	1,329
Minnesota	24	22	31	22	56	597	653	9,144	9,712	18,856	2,934,481	16,400	100	90	3	680
Mississippi	14	14	.....	.....	33	200	233	2,250	2,167	4,417	710,000	3,967	83	83	.....	.....
Missouri	33	33	.....	32	111	790	901	14,063	15,060	29,143	4,220,513	23,315	165	143	6	1,091
Montana	3	5	.....	10	17	164	181	3,150	3,417	6,567	862,033	4,776	45	45	.....	.....

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	1917	1918
Alaska	13	12	3	3	5,691	5,693	11,384	1,678,047	9,430	58	54	3	292									
Arizona	12	12	21	21	1,086	1,151	2,237	312,682	1,734	14	14	1	605									
California	12	12	217	224	3,414	2,894	6,310	872,051	5,155	89	87	1	565									
Colorado	35	35	958	1,033	17,472	17,691	35,163	4,961,130	27,236	111	93	3	568									
Connecticut	7	7	228	255	4,341	4,710	9,051	1,197,291	6,951	42	30	...	...									
Delaware	71	71	1,876	1,973	29,440	30,940	90,390	8,704,746	46,652	245	155	10	2,519									
District of Columbia	20	20	398	404	8,112	9,012	17,124	2,200,680	12,773	65	50	2	225									
Florida	5	5	157	2,022	2,263	2,263	4,265	676,287	3,757	20	20	...	...									
Georgia	54	50	46	16	1,438	22,487	44,527	6,703,060	38,272	212	184	7	1,634									
Idaho	33	33	938	1,063	19,228	20,643	39,871	5,069,953	28,618	143	120	2	276									
Illinois	10	10	365	365	5,725	6,022	11,747	1,602,448	9,302	44	35	1	11									
Indiana	102	102	2,525	2,525	49,426	47,674	93,360	14,157,498	79,170	383	284	23	3,986									
Iowa	17	17	248	248	3,098	3,098	5,910	1,523,019	2,828	48	47	2	53									
Kansas	17	17	162	176	2,305	2,664	4,969	1,432,300	8,114	57	38	1	200									
Kentucky	17	15	307	342	6,144	7,124	13,298	1,723,320	9,978	70	57	4	1,100									
Louisiana	51	51	1,248	1,248	24,895	27,864	52,749	6,527,040	37,794	228	210	3	542									
Maine	12	11	275	347	6,820	13,320	17,833,081	10,882	43	43	...	...										
Massachusetts	23	23	504	548	7,498	7,828	15,316	2,324,156	13,040	132	128	...	...									
Michigan	15	15	300	333	6,123	6,870	12,983	1,626,390	9,940	43	40	3	483									
Minnesota	15	15	398	457	6,901	7,213	14,114	1,942,777	10,968	64	60	3	221									
Mississippi	13	13	315	341	5,530	6,498	12,328	1,744,785	10,038	57	48	2	135									
Missouri	38	38	894	921	12,243	13,139	25,382	3,656,711	21,927	140	101	14	4,857									
Montana	3	3	67	71	1,329	1,353	2,892	402,094	2,282	13	13	...	...									

\* Estimates are included for 596 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.					The five groups combined.	Ratio of men teachers.		
	Group I.	Group II.	Group III.	Group IV.	Group V.		1889-90 <sup>1</sup>	1909-10 <sup>2</sup>	1917-18 <sup>3</sup>
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	66.8	69.1	67.3	68.9	18.7	7.4	9.6
Arizona.....	69.2	64.1	73.9	67.2	64.1	73.9	67.2	4.9	7.5
Arkansas.....	78.2	67.1	72.6	78.4	74.1	13.6	14.8	9.8	9.8
California.....	74.2	72.2	72.0	78.4	79.8	74.3	6.5	9.2	12.5
Colorado.....	73.9	72.2	76.8	63.8	74.3	10.4	9.1	11.1	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	76.2	78.0	2.2	3.5	4.5
District of Columbia.....	77.7	77.7	77.7	77.7	77.7	12.4	11.4	11.8	11.8
Florida.....	76.7	80.9	72.4	77.5	78.1	19.5	7.2	7.5	7.5
Georgia.....	85.4	80.3	74.1	75.1	85.2	80.6	14.7	10.1	8.9
Idaho.....	72.9	72.9	83.1	78.1	79.0	14.7	13.5	13.5	13.5
Illinois.....	86.4	77.2	81.8	84.8	84.3	84.5	6.4	7.5	8.9
Indiana.....	78.7	76.1	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	6.4	5.7	8.7	8.7
Kansas.....	76.6	74.4	75.2	81.8	77.0	10.7	10.7	9.9	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	7.3	3.1	5.8	5.8
Maine.....	79.0	91.2	79.1	77.3	80.1	8.4	7.2	8.0	8.0
Maryland.....	73.0	71.8	76.7	72.7	73.0	10.0	11.0	10.6	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	8.8
Mississippi.....	66.5	70.4	80.8	80.8	70.8	11.7	6.9	8.9	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	7.5	8.6	8.4	8.4
Nebraska.....	81.7	77.3	75.0	77.6	82.8	80.0	5.0	4.1	7.1
Nevada.....	76.9	76.9	77.5	77.2	77.2	9.1	15.3	15.3	15.3
New Hampshire.....	82.2	76.1	83.2	81.7	79.6	7.5	8.7	8.0	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	44.4	8.2	8.2	8.4	8.4
New York.....	77.3	79.8	80.0	78.9	77.3	77.7	5.7	9.3	10.9
North Carolina.....	70.2	77.1	71.0	74.6	73.9	25.3	11.4	6.8	6.8
North Dakota.....	85.3	85.3	72.9	87.7	82.3	2.6	5.7	9.8	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	9.5	9.5	12.3	12.3
Oregon.....	72.9	70.7	73.7	70.2	74.0	6.8	7.2	12.9	12.9
Pennsylvania.....	74.4	80.8	85.7	84.8	80.0	7.8	9.2	12.0	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	8.3	8.0	9.1	9.1
South Dakota.....	78.8	83.1	85.1	82.1	11.8	10.0	8.1	8.1	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	20.6	13.1	11.3	11.3
Utah.....	80.8	78.8	83.7	81.7	81.0	33.7	8.1	12.5	12.5
Vermont.....	83.8	81.5	85.1	84.0	6.7	8.3	8.0	8.0	8.0
Virginia.....	77.1	82.6	79.7	81.0	76.6	10.3	7.2	10.9	10.9
Washington.....	76.2	76.0	79.1	74.6	77.7	76.7	6.8	12.2	15.3
West Virginia.....	77.0	76.6	80.5	81.4	78.6	9.8	10.6	10.3	10.3
Wisconsin.....	79.0	76.9	78.9	80.9	86.4	79.2	8.4	8.8	10.3
Wyoming.....	68.4	81.6	78.9	78.0	8.7	8.7	7.7	7.7	7.7

<sup>1</sup> Cities of 4,000 population and over.  
<sup>2</sup> Cities of 8,000 population and over.

<sup>3</sup> Cities of 2,500 population and over.  
<sup>4</sup> 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.	Women.	Total.	Boys.	Girls.			
United States.....	3,686	6,844	7,709	153,428	161,137	3,077,504	3,083,956	6,141,460	4,926,602	14,134
Alabama.....	20	40	54	1,151	1,218	27,429	30,007	57,436	39,377	125
Arizona.....	16	34	370	8,954	8,873	17,829	17,890	35,719	11,860	52
Arkansas.....	15	31	640	6,325	6,677	14,218	15,148	29,366	20,657	80
California.....	173	317	355	1,443	1,504	121,593	126,418	237,711	183,351	997
Colorado.....	61	77	59	1,443	1,504	26,790	28,418	55,208	42,157	162
Connecticut.....	116	134	119	4,178	4,297	76,290	79,671	155,961	127,544	546
Delaware.....	1	2	0	308	308	5,415	6,670	12,083	9,268	30
District of Columbia.....	16	24	81	1,255	1,316	24,399	25,314	49,713	39,440	140
Florida.....	6	12	70	928	998	18,070	20,633	38,703	30,106	172
Georgia.....	23	97	43	1,877	1,920	41,495	47,077	88,572	70,440	235
Idaho.....	16	15	2	224	224	4,786	4,619	9,405	7,390	31
Illinois.....	188	444	429	10,466	11,292	236,784	231,668	468,450	411,269	851
Indiana.....	156	167	320	4,133	4,453	82,999	82,095	165,094	129,356	454
Iowa.....	106	173	57	2,692	2,749	46,185	45,926	92,111	73,399	260
Kansas.....	58	47	104	1,751	1,855	37,519	37,845	75,364	56,006	230
Kentucky.....	51	78	46	1,554	1,603	30,912	31,489	62,401	47,129	158
Louisiana.....	8	65	60	1,426	1,486	29,710	32,298	61,908	45,726	120
Maine.....	73	27	51	1,252	1,303	20,031	19,590	39,620	29,917	173
Maryland.....	9	12	13	2,276	2,413	44,670	44,707	89,377	64,707	139
Massachusetts.....	333	538	331	11,577	11,908	219,333	211,597	430,930	364,379	1,447
Michigan.....	167	258	175	5,191	5,366	103,190	103,043	206,233	164,027	545
Minnesota.....	97	176	113	2,988	3,101	54,866	53,398	108,264	93,527	301
Mississippi.....	20	6	18	610	628	14,518	16,408	30,926	20,775	86
Missouri.....	88	230	173	4,113	4,296	90,540	91,345	181,885	139,492	386
Montana.....	42	85	26	696	712	11,587	11,572	23,159	17,005	82
Nebraska.....	43	70	22	1,298	1,320	23,207	23,264	46,471	36,777	124
Nevada.....	5	9	0	37	37	11,700	11,700	23,400	18,399	5
New Hampshire.....	21	7	22	644	666	13,723	14,015	27,738	18,302	151
New Jersey.....	254	354	289	7,805	8,064	153,313	149,015	302,328	233,308	533
New Mexico.....	5	8	3	104	104	2,318	2,620	4,938	3,660	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.	10	11		
New York.....	483	1,355	1,827	26,844	29,671	525,951	513,890	1,039,841	159,817,924	852,870	1,172	
North Carolina.....	18	36	37	1,145	1,182	25,314	27,858	53,172	6,581,285	36,041	118	
North Dakota.....	11	7	2	219	221	4,377	4,465	8,842	1,284,216	7,905	37	
Ohio.....	214	466	648	11,494	12,142	206,818	192,173	407,991	62,120,777	342,808	487	
Oklahoma.....	36	64	78	1,102	1,180	35,292	25,993	50,985	6,424,378	36,944	125	
Oregon.....	19	35	53	1,040	1,093	21,771	21,324	42,805	5,828,195	31,134	96	
Pennsylvania.....	319	648	947	14,827	15,764	336,354	330,386	667,140	100,856,573	533,535	1,328	
Rhode Island.....	41	48	53	1,824	1,860	35,391	35,391	70,982	9,984,391	56,424	319	
South Carolina.....	10	17	23	827	860	19,650	17,650	33,378	4,306,177	24,545	65	
South Dakota.....	20	17	5	264	296	4,927	4,416	8,943	1,307,267	7,356	40	
Tennessee.....	22	76	103	1,429	1,532	32,284	34,589	66,873	8,344,054	46,833	140	
Texas.....	64	194	176	3,610	3,784	81,439	83,092	164,531	20,273,071	139,471	390	
Vermont.....	17	13	57	859	918	15,658	15,696	31,654	4,463,275	28,478	62	
Virginia.....	18	2	8	335	343	5,308	5,308	10,616	1,462,428	8,655	64	
Washington.....	16	55	154	1,951	2,105	36,904	40,017	76,921	11,339,323	61,647	185	
West Virginia.....	54	135	149	2,075	2,224	43,957	42,962	86,939	12,098,039	66,451	204	
Wisconsin.....	57	86	103	1,961	1,914	18,938	19,447	38,385	5,211,956	29,445	124	
Wyoming.....	12	142	103	2,821	2,924	55,714	51,208	110,922	17,458,817	93,909	309	
Total.....	12	5	2	130	132	2,774	2,929	5,703	770,485	4,397	29	

TABLE 16. 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.			Average daily attend- ance.	Number of schools.	
			Men.	Wom- en.	Total.	Boys.	Girls.	Total.			
United States.....	2	3	4	5	6	7	8	9	10	11	12
Alabama.....	818	3,573	4,237	72,194	76,417	1,491,419	1,466,575	2,857,991	114,623,696	2,394,056	3,969
Arizona.....	9	24	41	545	596	15,015	13,905	26,920	7,261,579	18,427	54
Arkansas.....	78	199	194	3,854	4,078	74,143	70,961	145,104	21,261,719	112,476	316
California.....	9	45	79	724	756	13,701	13,702	27,403	4,189,994	22,771	64
Colorado.....	21	25	20	1,075	1,095	21,897	21,516	43,413	6,793,156	36,771	82
Connecticut.....	16	15	91	1,235	1,316	24,399	23,311	47,710	6,823,203	39,440	140
District of Columbia.....	8	59	0	698	698	12,452	13,330	25,782	4,087,620	22,709	59
Florida.....	23	271	215	6,107	6,327	143,976	142,146	286,122	46,945,100	293,969	271
Georgia.....	7	16	56	994	1,040	16,596	16,745	33,341	5,186,952	26,989	72
Idaho.....	10	45	13	615	634	13,111	13,223	26,334	3,594,808	19,637	56
Illinois.....	11	60	40	1,021	1,061	19,762	21,957	41,719	6,607,836	31,861	83
Indiana.....	5	97	130	1,990	2,110	37,300	36,984	74,284	9,524,547	53,811	101
Iowa.....	54	180	131	3,787	3,858	79,299	74,790	154,089	22,843,403	127,323	263
Kansas.....	32	147	65	2,242	2,307	46,975	44,598	91,573	13,336,954	73,979	165
Kentucky.....	30	121	102	1,766	1,866	34,769	33,690	68,459	10,385,486	57,632	134
Louisiana.....	15	156	96	2,577	2,675	56,371	56,638	113,009	17,923,700	92,313	120
Maine.....	9	51	0	709	709	11,851	11,813	23,664	3,668,650	19,200	52
Massachusetts.....	49	104	82	2,629	2,710	57,809	55,874	113,683	17,279,695	90,803	116
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.			Aggregate attend- ance.	Average daily attend- ance. <sup>A</sup>	Number of schools.	
			Men.	Women.	Total.	Boys.	Girls.				Total.
1	2	8	4	5	6	7	8	9	11	12	
New York.....	233	1,071	1,680	21,288	22,978	430,997	421,363	862,330	131,193,972	699,130	666
North Carolina.....	71	263	402	6,320	6,722	105,891	102,326	209,217	31,864,463	173,645	260
Ohio.....	7	44	33	778	811	16,229	15,940	32,169	4,507,218	23,598	61
Oregon.....	64	340	523	6,838	7,366	101,983	157,675	319,658	49,559,207	241,377	383
Rhode Island.....	4	19	20	752	772	15,055	15,176	30,231	4,223,103	24,411	91
South Carolina.....	14	32	64	907	871	17,226	19,619	35,745	4,399,039	25,182	67
South Dakota.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

United States.....	797	1,594	1,281	31,461	32,742	692,057	597,216	1,189,273	171,240,968	950,065	2,960
Alabama.....	6	6	9	291	300	5,542	6,147	11,689	1,391,476	9,390	26
Arizona.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas.....	1	8	10	260	260	4,554	4,662	9,216	1,254,260	7,220	22
California.....	32	61	36	894	900	15,179	14,513	29,693	3,241,795	22,475	80
Colorado.....	12	12	2	233	205	3,694	3,641	7,335	1,036,117	5,079	20
Connecticut.....	37	56	53	1,195	1,248	19,721	24,251	42,972	6,328,317	35,176	80



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	1	24	0	306	306	5,415	6,670	12,085	1,677,867	9,208	30
District of Columbia	4	8	65	603	663	12,420	13,428	25,848	3,046,113	19,711	170
Florida	8	27	41	501	612	13,424	16,104	29,788	4,108,384	21,828	78
Georgia	38	83	77	1,433	1,510	26,119	25,783	51,902	7,484,194	40,770	141
Illinois	25	47	62	1,020	1,082	17,773	17,990	35,772	5,290,714	27,621	84
Indiana	11	102	33	1,342	1,375	22,918	22,723	45,641	6,375,415	36,117	127
Iowa	15	31	42	741	783	15,408	15,437	30,843	4,136,157	21,694	59
Kansas	16	83	7	357	364	6,338	6,545	12,883	1,969,020	10,483	31
Kentucky	6	11	5	243	246	3,510	3,388	6,898	1,122,421	6,782	34
Michigan	51	220	91	3,986	3,989	69,460	69,146	137,606	20,371,876	117,133	418
Minnesota	11	56	61	1,298	1,260	22,402	22,772	45,174	6,961,893	36,592	118
Mississippi	19	23	0	355	356	5,588	5,472	11,060	2,046,204	11,194	35
Missouri	16	41	31	740	771	12,405	12,757	25,162	3,383,842	18,845	74
Montana	7	13	8	233	241	4,014	3,912	7,926	1,016,784	5,903	23
Nebraska	8	17	11	242	253	4,146	4,171	8,317	1,135,778	6,453	18
Nevada	6	3	8	172	190	3,263	3,208	6,471	832,663	5,249	20
New Hampshire	68	127	70	2,542	2,612	47,663	46,107	93,770	13,839,014	73,969	136
New Jersey	70	139	63	2,479	2,542	41,246	39,397	80,643	12,352,654	66,593	172
New Mexico	3	3	3	146	149	3,384	3,660	6,994	765,186	4,623	10
New York	19	74	66	1,562	1,628	32,199	31,967	64,156	10,160,187	56,630	139
North Dakota	5	20	11	302	313	6,586	6,731	13,319	1,011,583	9,156	32
Ohio	83	76	203	2,911	3,114	61,834	61,038	122,872	18,762,275	90,321	303
Oregon	9	8	6	355	361	5,935	5,837	11,772	1,660,555	9,133	44
Rhode Island	2	9	2	130	132	3,007	3,122	6,129	877,669	4,849	7
South Carolina	6	35	23	431	459	10,068	10,561	20,619	2,544,215	16,704	63
South Dakota	26	135	74	1,966	2,060	41,352	42,119	83,471	10,276,191	58,270	161
Texas	10	135	29	571	600	10,913	10,774	21,687	3,080,710	17,507	34
Vermont	5	18	22	600	632	12,671	13,377	27,048	4,285,334	22,439	56
Virginia	8	26	18	315	323	6,605	6,540	13,145	1,876,450	10,310	30
Washington	10	26	17	319	328	5,600	5,947	11,547	1,551,992	8,738	30
West Virginia	12	20	47	465	512	8,381	8,756	17,139	2,694,818	14,282	45
Wisconsin											
Wyoming											

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.			
1	2	3	4	5	6	7	8	9	10	11	12
United States.....	1,171	1,203	1,235	29,257	30,492	578,145	579,910	1,158,055	164,296,304	914,960	3,762
Alabama.....	4	6	8	183	191	5,336	6,087	11,433	1,313,239	7,572	26
Arizona.....	5	8	8	155	163	3,617	3,359	6,955	790,901	4,826	17
Arkansas.....	3	21	18	281	299	6,871	7,438	14,329	1,602,764	6,283	68
California.....	53	91	111	1,218	1,285	29,400	24,433	49,533	6,860,797	37,570	128
Colorado.....	13	6	15	215	230	3,983	3,713	7,976	980,886	6,484	24
Connecticut.....	39	47	29	1,204	1,233	21,399	21,201	42,599	6,059,752	33,972	192
Delaware.....	2	4	4	206	210	3,312	3,812	8,162	1,120,368	7,032	32
District of Columbia.....	7	6	11	299	290	6,033	6,577	12,610	1,651,523	9,326	39
Florida.....	3	63	2	81	83	1,657	1,531	3,188	401,541	2,321	9
Idaho.....	76	77	52	1,892	1,914	36,021	35,114	71,135	10,676,796	68,330	224
Illinois.....	76	77	121	1,379	1,500	29,890	29,103	58,993	8,338,183	45,662	171
Indiana.....	47	61	16	1,064	1,060	17,996	17,644	35,640	5,110,489	28,615	121
Iowa.....	20	3	34	331	365	11,154	11,464	22,608	2,907,528	16,519	74
Kentucky.....	15	2	15	242	257	4,661	4,764	9,425	1,272,182	6,864	31
Louisiana.....	6	5	12	289	301	4,661	4,764	9,425	1,272,182	6,864	31
Maine.....	32	12	17	334	401	6,863	6,430	13,293	1,586,169	9,301	24
Maryland.....	2	2	11	162	163	5,634	5,281	10,915	1,264,673	10,241	119
Massachusetts.....	98	91	36	2,315	2,351	41,533	40,098	81,631	12,173,833	70,266	369
Michigan.....	59	31	31	1,000	1,031	19,934	19,876	39,810	5,792,050	30,832	136
Minnesota.....	20	285	3	285	288	3,798	3,779	7,577	1,223,369	6,619	36
Mississippi.....	8	2	9	266	276	7,253	8,217	15,470	1,794,707	9,968	33
Missouri.....	7	6	11	308	319	6,550	6,674	13,224	1,734,033	9,703	40
Montana.....	25	14	14	359	373	5,941	5,963	11,904	1,573,422	8,783	47
Nebraska.....	4	5	1	53	54	1,161	1,161	2,322	308,173	1,751	7
Nevada.....	5	4	7	900	917	1,789	1,789	3,578	241,748	1,399	6
New Hampshire.....	5	5	7	317	324	5,960	5,960	11,920	1,453,664	8,911	79
New Jersey.....	78	87	98	1,778	1,874	31,064	31,240	62,304	9,338,294	50,366	183
New Mexico.....	3	5	0	50	50	1,194	1,227	2,411	318,587	1,776	8

New York.....	128	113	56	2,304	2,360	40,988	80,029	12,408,908	96,301	237
North Carolina.....	13	31	6	553	559	11,220	17,373	17,821	17,821	57
North Dakota.....	7	7	2	137	139	2,524	2,728	3,107,990	4,453	15
Ohio.....	57	74	99	2,162	2,261	40,279	39,948	11,968,413	66,538	246
Oklahoma.....	22	41	51	576	630	13,134	13,489	3,356,347	19,026	66
Oregon.....	7	7	7	67	74	1,442	1,466	330,412	1,921	9
Florida.....	17	108	174	2,061	2,316	38,135	57,818	19,335,783	99,610	313
Idaho.....	16	3	19	122	131	8,074	8,379	2,246,078	13,268	26
Illinois.....	12	10	20	274	280	6,175	7,376	13,414,045	3,498	25
Indiana.....	1	1	4	156	160	2,321	2,324	6,064,994	3,783	19
Iowa.....	17	5	2	59	61	1,629	1,903	3,432	2,175	6
Kansas.....	17	50	39	905	944	22,002	22,288	44,270	5,394,283	131
Kentucky.....	3	31	6	205	210	3,040	2,990	859,178	4,854	14
Louisiana.....	9	1	4	170	174	2,812	2,657	5,069	4,709	26
Maine.....	11	12	24	418	440	9,302	10,896	20,108	2,874,279	35
Maryland.....	23	29	388	7,834	416	7,834	7,576	15,410	12,103	43
Massachusetts.....	13	20	24	367	391	7,509	7,448	14,857	2,002,447	46
Michigan.....	37	44	945	945	994	16,311	16,311	32,704	5,257,174	115
Minnesota.....	2	0	42	42	42	1,752	1,752	1,752	1,178	9
Mississippi.....										
Missouri.....										
Montana.....										
Nebraska.....										
Nevada.....										
New Hampshire.....										
New Jersey.....										
New Mexico.....										
New York.....										
North Carolina.....										
North Dakota.....										
Ohio.....										
Oklahoma.....										
Oregon.....										
Florida.....										
Idaho.....										
Illinois.....										
Indiana.....										
Iowa.....										
Kansas.....										
Kentucky.....										
Louisiana.....										
Maine.....										
Maryland.....										
Massachusetts.....										

GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

United States.....	630	474	960	20,626	21,486	415,883	420,253	836,138	1,118,942	687,521	3,433
Alabama.....	1	5	6	136	141	3,536	3,638	7,394	886,238	5,038	19
Alaska.....	11	11	6	215	221	5,837	5,837	10,874	1,341,039	7,064	35
Arizona.....	3	5	9	199	118	2,793	3,028	3,821	683,827	4,156	20
Arkansas.....	10	6	24	388	377	6,967	6,573	13,440	1,946,284	10,860	33
California.....	27	11	13	300	313	6,132	5,362	10,894	1,651,156	8,213	54
Colorado.....	19	6	17	704	721	13,683	13,703	27,298	3,907,654	21,026	192
Connecticut.....											
District of Columbia.....											
Florida.....	7	15	0	148	148	3,129	3,068	6,217	887,821	5,069	22
Georgia.....	51	27	85	1,461	1,546	26,668	26,623	57,291	8,683,032	48,180	205
Idaho.....	50	22	81	750	831	16,767	16,648	33,415	4,832,728	27,173	125
Illinois.....	18	10	8	316	324	5,271	5,559	10,800	1,522,548	8,657	43
Indiana.....	23	13	28	479	507	10,969	10,964	21,913	2,788,927	15,793	67
Iowa.....	10	8	14	310	324	6,782	6,867	13,739	1,897,099	10,246	40
Kansas.....	1	1	1	124	124	3,038	3,068	6,364	763,928	1,574	14
Kentucky.....	36	4	28	638	644	12,830	12,830	24,850	2,430,210	1,484	230
Louisiana.....	2	3	4	108	110	2,338	2,434	4,980	6,500,000	3,484	4
Maine.....	96	47	53	1,677	1,630	29,071	28,263	57,334	8,992,631	69,655	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.	Women.	Boys.	Girls.				Total.	
1	2	3	4	5	6	7	8	9	10	11	12
Michigan.....	45	22	18	741	759	13,870	13,807	27,686	4,348,130	22,664	126
Minnesota.....	46	17	8	632	640	10,711	10,448	21,159	3,225,069	17,878	96
Mississippi.....	12	4	9	344	353	7,265	8,191	15,456	1,922,220	10,807	53
Missouri.....	21	27	33	480	523	12,014	12,276	24,290	3,367,133	18,631	92
Montana.....	10	4	4	94	96	1,632	1,667	3,299	427,568	2,369	12
Nebraska.....	22	2	10	294	304	6,049	6,139	12,188	1,626,127	9,283	47
Nevada.....	10		7	156	163	2,449	2,467	4,916	681,722	4,042	52
New Hampshire.....	29	36	39	859	898	16,564	16,194	32,758	4,697,285	25,241	113
New Jersey.....	2		3	49	52	1,134	1,193	2,327	287,410	1,631	9
New Mexico.....	52	32	28	783	791	12,877	13,042	25,919	3,862,613	20,870	97
New York.....	2	5	28	446	474	10,740	11,825	22,565	2,705,900	15,985	51
North Carolina.....	4	5	0	82	82	1,833	1,737	3,570	458,155	2,600	12
North Dakota.....	67	25	81	1,451	1,531	27,459	27,032	54,491	8,107,712	46,482	218
Ohio.....	12	3	16	221	237	5,570	5,473	11,043	1,476,488	8,363	27
Oklahoma.....	13	11	13	195	208	3,900	3,928	7,828	989,565	5,615	26
Oregon.....	83	21	92	2,497	2,580	54,002	54,055	108,057	16,901,328	93,027	319
Pennsylvania.....	13	16	8	266	303	5,813	5,999	11,812	1,795,755	9,594	95
Rhode Island.....	2	4	5	270	275	6,206	6,962	13,168	1,813,272	10,198	35
South Carolina.....	8	7	1	138	139	2,206	2,092	4,298	642,273	3,543	21
South Dakota.....	1	4	9	132	141	3,381	3,716	7,097	1,019,300	5,792	14
Tennessee.....	11	9	63	719	782	15,065	15,705	30,770	4,622,605	26,645	93
Texas.....	4	2	23	163	166	1,968	1,964	3,932	3,300	3,307	14
Vermont.....	9	1	4	165	166	2,493	2,451	4,944	553,389	3,046	38
Virginia.....	10	5	3	230	236	3,667	3,598	7,265	983,796	5,749	33
Washington.....	7	11	21	103	124	3,141	3,067	6,208	829,751	4,616	22
West Virginia.....	14	8	22	275	297	5,829	6,052	11,881	1,654,516	9,353	49
Wisconsin.....	28	11	11	456	467	7,335	7,553	14,888	2,241,545	12,881	64
Wyoming.....	10	5	2	88	90	1,912	2,059	3,971	555,460	3,222	20

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.	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.....	322	1,148	13,177	24,645	37,822	410,108	512,023	922,131	135,732,039	745,733	1,650
Alabama.....	1	10	65	182	247	2,949	4,566	7,515	1,002,556	5,779	16
Arizona.....	7	4	16	53	69	1,965	2,756	4,721	109,842	953	9
California.....	20	86	87	119	107	1,739	2,093	3,832	615,904	3,081	14
Colorado.....	4	15	139	302	441	20,601	28,354	49,135	6,484,735	33,445	60
Connecticut.....	4	21	299	649	948	9,876	11,905	21,781	3,092,948	19,120	40
Delaware.....	1	7	47	101	148	1,071	1,471	2,542	375,369	1,871	7
District of Columbia.....	1	7	124	201	325	3,200	3,988	7,188	998,830	5,805	7
Florida.....	1	13	126	192	318	1,999	5,279	8,536	1,208,913	7,084	14
Georgia.....	1	6	43	64	107	1,201	1,605	2,806	402,893	2,338	7
Idaho.....	17	52	799	1,310	2,109	26,509	31,084	57,593	9,518,543	51,529	73
Illinois.....	19	43	463	873	1,336	13,737	16,512	30,249	4,596,473	23,245	66
Indiana.....	18	27	230	628	858	8,414	10,743	19,161	2,897,067	16,365	29
Iowa.....	5	18	152	438	590	5,413	7,949	13,262	2,006,414	11,422	31
Kansas.....	3	14	124	231	355	3,315	4,965	8,270	1,270,897	6,890	33
Kentucky.....	2	9	85	131	216	1,906	3,045	4,951	798,448	4,597	16
Louisiana.....	18	17	150	260	410	3,430	4,328	7,758	1,231,379	7,068	25
Maryland.....	34	111	1,007	1,498	2,505	3,748	4,828	8,576	1,424,078	7,068	25
Massachusetts.....	16	57	500	1,254	1,814	19,323	22,328	41,651	6,193,459	33,070	68
Michigan.....	1	31	330	716	1,046	10,182	13,846	24,028	3,540,844	19,444	42
Minnesota.....	5	10	45	142	187	1,702	2,777	4,479	652,865	3,634	17
Mississippi.....	5	32	451	645	1,096	12,150	16,717	28,867	4,407,995	21,405	46
Missouri.....	1	5	44	85	129	1,389	1,928	3,317	459,287	2,581	5
Montana.....	15	15	100	296	396	3,962	5,110	9,092	1,434,804	7,956	17
Nebraska.....	1	1	6	14	20	86	188	269	36,330	210	1
Nevada.....	1	1	5	17	22	86	188	269	36,330	210	1
New Hampshire.....	10	57	689	1,022	1,661	17,673	20,520	38,193	5,923,897	4,537	17
New Jersey.....	3	2	7	29	36	342	460	832	111,968	630	4
New Mexico.....	1	1	1	1	2	1	1	2	1	1	1

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.

State.	Super- visors.	Prin- cipals.	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
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	2,576	3,583	6,159	878,846	5,037	19
Ohio.....	20	69	1,065	1,585	2,650	28,436	33,633	62,069	9,784,384	1,471	6
Oklahoma.....	7	16	177	243	420	3,429	4,912	8,341	1,132,651	6,448	18
Oregon.....	9	9	122	224	346	3,130	4,867	7,997	1,250,378	6,728	12
Pennsylvania.....	27	86	1,379	1,811	3,190	38,684	46,965	85,579	13,289,178	70,406	175
South Carolina.....	4	9	131	247	378	3,397	4,199	7,596	1,167,277	6,467	15
South Dakota.....	3	3	44	124	168	1,336	2,435	3,771	530,292	3,028	23
Tennessee.....	3	3	40	87	127	1,059	1,349	2,408	339,377	1,900	6
Texas.....	9	9	98	219	317	2,888	4,619	7,507	1,120,320	9,533	21
Utah.....	4	4	48	778	826	12,100	17,273	29,373	3,971,530	29,750	66
Virginia.....	2	2	30	91	121	1,895	1,800	3,695	525,310	2,958	4
Washington.....	10	22	314	461	775	7,719	11,039	18,758	2,600,094	14,723	20
Wisconsin.....	7	18	267	364	631	3,475	4,189	7,664	1,133,316	6,424	23
Wyoming.....	11	31	269	650	919	11,196	13,344	24,540	3,740,166	20,661	47
		2	13	30	43	400	584	984	138,983	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.	Prin- cips.	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.....	54	320	6,060	8,615	14,674	175,065	204,961	380,026	55,036,773	286,799	282
Alabama.....	1	3	30	79	109	1,395	1,964	3,379	432,589	2,557	3
Arizona.....											
California.....	11	56	438	890	1,318	10,511	14,564	25,075	3,465,374	18,438	24
Colorado.....		5	56	145	201	2,438	2,816	5,254	832,840	4,635	5
Connecticut.....		1	68	131	199	2,832	3,190	6,012	961,977	5,190	2
District of Columbia.....		7	124	201	325	3,209	3,968	7,197	996,670	5,805	7
Florida.....		3	23	44	67	381	1,192	1,573	1,241,740	1,343	3
Illinois.....	5	22	478	619	1,097	15,954	17,555	33,509	5,034,940	31,738	22
Indiana.....		3	88	156	247	2,635	3,073	5,708	872,863	4,877	4
Iowa.....											
Michigan.....		3	57	75	132	1,376	1,955	3,331	514,563	2,843	3
Minnesota.....		3	31	89	120	854	1,764	2,618	402,864	2,289	3
Missouri.....		5	130	116	236	2,690	2,976	5,666	849,600	4,800	5
Montana.....		24	406	569	975	12,774	14,432	27,206	4,096,305	22,416	24
Nebraska.....	11										
Nevada.....											
New York.....	1	18	286	533	791	9,782	9,898	19,680	2,660,028	14,756	17
North Carolina.....		10	176	359	535	5,275	7,152	12,427	2,063,459	11,282	12
North Dakota.....											
Ohio.....	1	12	328	344	672	7,801	10,629	18,430	2,854,263	14,744	12

1 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.		Enrollm <sup>nt</sup> .		Aggregate attendance.	Average daily attende- ance.	Number of schools.		
			Men.	Women.	Boys.	Girls.				Total.	
Alabama.....	2	3	4	5	6	7	8	9	10	11	12
Arizona.....											
California.....											
Colorado.....											
Connecticut.....											
Delaware.....											
Florida.....											
Georgia.....											
Idaho.....											
Illinois.....											
Indiana.....											
Iowa.....											
Kansas.....											
Kentucky.....											
Louisiana.....											
Maine.....											
Massachusetts.....											
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.....											



GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

	64	195	2,500	5,000	7,500	79,409	100,612	1,801,081	29,251,676	145,216	237
United States.....											
Alabama.....											
Arizona.....											
Arkansas.....											
California.....											
Colorado.....											
Connecticut.....											
Delaware.....											
District of Columbia.....											
Florida.....											
Georgia.....											
Illinois.....											
Indiana.....											
Iowa.....											
Kansas.....											
Kentucky.....											
Louisiana.....											
Maine.....											
Massachusetts.....											
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.....											

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- visors.	Prin- cipals.	Teachers.		Enrollment.			Aggregate attendance.	Average daily attend- ance.	Number of schools.	
			Men.	Women.	Total.	Boys.	Girls.				Total.
Tennessee	2	8	4	5	6	7	8	9	10	11	12
Texas	1	2	26	53	79	804	1,256	2,040	241,311	1,635	7
Utah	4	1	172	269	541	5,320	7,746	13,046	1,747,405	9,001	20
Vermont	1	1	31	70	101	1,225	1,429	2,654	419,701	2,358	2
Virginia	3	3	34	114	148	1,133	1,824	2,957	498,223	2,573	5
Washington	4	4	40	62	102	1,199	1,663	2,862	341,380	1,966	2
West Virginia	5	5	46	121	167	1,392	1,523	2,915	120,420	2,351	8
Wisconsin	3	4	45	114	159	1,890	2,407	4,297	663,913	3,522	3
Wyoming											

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

United States:	122	340	2,642	6,014	8,656	89,168	117,640	246,828	30,771,422	171,119	476
Alabama	3	11	33	474	507	1,162	688	1,162	154,689	690	4
Arizona	1	12	148	148	296	1,168	1,316	2,486	37,235	221	1
Arkansas	4	9	56	73	129	1,392	1,521	2,913	1,445	1,445	6
California	15	23	293	498	791	5,181	7,373	12,554	1,500,048	8,358	16
Colorado	1	1	23	69	92	1,795	1,987	3,782	226,901	1,263	4
Connecticut	2	10	66	209	275	2,861	3,709	6,570	1,071,426	5,874	15
Dist. of Columbia	4	4	4	288	292	288	550	838	124,810	780	2
Florida	2	23	40	607	647	1,044	1,711	2,755	239,261	1,361	8
Georgia	1	14	19	435	454	1,011	576	1,011	121,838	1,218	1
Idaho	7	13	139	269	408	4,603	3,079	10,162	1,626,608	8,739	1
Illinois	14	21	183	306	489	3,282	6,376	11,656	1,626,608	8,739	1
Indiana	12	12	86	233	319	3,282	1,828	7,428	1,180,964	6,452	23
Iowa	4	4	41	140	181	1,335	2,343	3,678	1,580,864	6,452	13
Kansas											9

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	No. of cities	Total enrollment	Total teachers	Total value of property	Total value of equipment	Total value of furniture	Total value of other personal property	Total value of real estate	Total value of other personal property	Total value of other personal property	Total value of other personal property	Total value of other personal property
Kentucky	3	18	43	507	1,365	213,376	1,148					
Louisiana	9	24	77	1,146	2,305	313,071	1,826					
Maine	4	18	45	612	1,324	192,385	1,097					
Massachusetts	32	146	346	6,605	15,066	2,385,248	13,458					
Michigan	13	124	265	3,736	8,394	1,310,893	7,022					
Minnesota	4	24	80	871	2,316	363,283	1,985					
Mississippi	4	25	56	811	2,248	328,400	1,818					
Missouri	2	26	51	836	2,035	296,143	1,655					
Montana	4	29	85	909	2,180	304,221	1,691					
Nebraska	1	6	12	165	405	53,684	305					
Nevada	1	6	16	86	280	36,530	210					
New Hampshire	5	36	96	1,343	3,114	488,144	2,749					
New Jersey	19	141	283	4,319	9,620	1,447,784	7,974					
New Mexico	3	2	12	151	374	51,300	285					
New York	27	133	560	6,934	15,675	2,333,224	12,504					
North Carolina	4	40	59	1,274	3,018	490,550	2,079					
North Dakota	2	16	28	424	1,026	168,823	897					
Ohio	16	259	358	6,717	14,817	2,321,951	12,975					
Oklahoma	10	74	137	1,642	4,119	574,031	2,269					
Oregon	15	21	21	186	286	81,700	475					
Pennsylvania	26	227	425	8,086	10,698	2,681,185	15,631					
Rhode Island	1	26	74	889	2,204	356,083	1,928					
South Carolina	1	16	34	444	1,068	189,515	1,181					
South Dakota	1	17	44	478	560	126,212	720					
Tennessee	1	4	17	171	286	69,480	386					
Texas	17	102	240	4,144	5,967	1,258,366	7,802					
Vermont	1	13	18	317	701	85,401	483					
Virginia	1	18	48	670	1,381	202,931	1,208					
Virginia	2	25	83	1,037	2,758	408,833	2,262					
Washington	5	57	119	1,664	2,204	570,662	3,176					
West Virginia	5	28	61	861	2,192	317,140	1,788					
Wisconsin	2	14	26	3,909	4,662	1,261,980	7,492					
Wyoming	1	4	10	134	304	39,711	217					



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	
United States.....	82	263	1,966	4,996	6,962	66,356	88,810	155,166	23,672,168	132,629	858	
Alabama.....	2	3	10	31	41	461	712	1,173	157,064	686	6	
Arizona.....	7	3	13	44	57	417	606	1,023	130,572	715	8	
Arkansas.....	2	2	10	38	48	417	604	1,021	136,339	811	6	
California.....	1	5	12	141	213	1,629	2,269	3,898	540,775	3,069	11	
Colorado.....	1	7	37	77	114	1,133	1,562	2,635	365,261	2,245	9	
Connecticut.....	6	6	25	115	140	1,363	1,911	3,304	518,685	2,829	17	
Delaware.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
District of Columbia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Florida.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Georgia.....	4	4	8	28	36	261	540	831	103,021	644	9	
Idaho.....	1	5	29	45	74	766	1,029	1,795	275,045	1,599	6	
Illinois.....	5	11	66	216	282	2,664	3,566	6,260	1,006,177	6,604	25	
Indiana.....	3	15	115	237	352	3,668	4,396	8,064	1,222,719	6,851	33	
Iowa.....	2	8	29	114	143	1,267	1,534	2,801	436,354	2,488	9	
Kansas.....	1	1	4	137	179	1,729	2,480	4,219	663,418	3,927	13	
Kentucky.....	3	4	34	63	97	801	1,247	2,048	311,791	1,873	17	
Louisiana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Maine.....	4	6	42	116	158	246	322	568	80,568	480	5	
Massachusetts.....	4	2	12	46	58	1,353	1,924	3,277	698,625	2,868	15	
Michigan.....	5	33	126	413	539	5,202	6,556	11,757	1,827,269	10,186	49	
Minnesota.....	9	17	93	234	327	2,870	3,838	6,708	1,113,812	6,830	24	
Mississippi.....	1	14	85	227	312	2,287	3,299	5,686	963,122	4,806	20	
Missouri.....	6	6	20	86	106	891	1,340	2,231	327,466	1,836	12	
Montana.....	2	8	52	151	203	1,999	2,875	4,874	734,813	4,063	18	
Nebraska.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Nevada.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Hampshire.....	1	7	33	110	143	1,227	1,832	3,059	454,219	2,581	11	
New York.....	2	2	12	38	50	466	614	980	165,905	885	5	

New Jersey	18	73	192	2,170	3,297	5,997	927,438	5,038	22
New Mexico	1	5	17	191	287	458	141,088	247	2
New York	15	45	229	2,283	3,985	5,378	705,101	1,279	23
North Carolina	3	18	58	1,530	1,430	2,768	319,118	1,915	12
North Dakota	10	38	138	6,336	7,875	13,850	107,528	1,574	3
Ohio	16	263	386	6,372	7,875	13,850	2,180,566	12,440	46
Oklahoma	2	32	49	814	1,130	1,944	265,680	1,533	6
Oregon	3	29	60	744	1,111	1,855	264,494	1,519	5
Pennsylvania	22	212	409	6,976	9,080	16,056	2,557,161	14,108	79
Rhode Island	2	12	22	260	344	604	92,214	507	4
South Carolina	1	1	2	799	995	1,794	251,928	1,414	16
South Dakota	2	26	70	581	789	1,370	213,195	1,180	4
Tennessee	2	26	46	702	1,057	1,789	293,720	1,508	7
Texas	7	94	189	2,636	3,529	6,195	865,799	3,077	21
Utah	3	4	8	53	77	130	20,124	117	1
Vermont	2	12	48	568	749	1,337	208,131	1,186	9
Virginia	14	14	49	519	766	1,285	196,110	1,104	7
Washington	3	20	53	547	927	1,474	198,884	1,107	4
West Virginia	0	22	85	1,102	1,455	2,557	385,756	2,242	9
Wisconsin	0	62	174	2,249	2,892	5,141	849,000	4,654	18
Wyoming	1	9	20	266	414	680	99,252	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.	Prin- cips.	Teachers.			Enrollment.			Aggregate attend- ance.	Average daily attend- ance.	Num- ber of schools.		
			Boys.	Girls.	Total.					Men.	Women.	Total.	Boys.	Girls.	Total.					
1	8	8	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	53	135	1,266	2,903	2,903	57,017	46,305	103,322	11,378,099	453			
Alabama.....	1	21	241	268	509	42,021	257	.....	.....	21	6	6	481	166	647	19,986	2			
Arizona.....	14	14	303	368	671	46,993	273	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Arkansas.....	3	649	12,125	24,449	36,574	2,075,965	11,288	.....	.....	21	21	42	643	1,232	1,675	107,513	566			
California.....	1	104	2,904	3,109	6,013	356,523	1,953	.....	.....	12	50	62	2,209	1,963	4,169	351,243	2,072			
Colorado.....	3	229	5,177	5,047	10,224	1,277,742	7,127	.....	.....	3	53	56	869	307	1,176	145,588	733			
Connecticut.....	2	157	1,991	2,092	4,083	377,658	2,153	.....	.....	14	43	57	119	418	537	70,944	410			
Delaware.....	1	28	284	445	729	61,090	533	.....	.....	53	30	83	1,287	690	1,977	303,249	1,655			
Florida.....	2	484	21,287	21,240	42,527	3,718,635	20,444	.....	.....	35	42	77	6,304	2,948	8,252	848,371	4,489			
Georgia.....	4	163	3,960	4,155	8,115	869,741	4,578	.....	.....	29	35	64	303	539	842	87,085	484			
Illinois.....	1	177	3,537	3,466	7,003	672,775	3,791	.....	.....	6	29	35	168	216	374	56,208	308			
Indiana.....	3	83	877	975	1,852	163,956	943	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Iowa.....	1	67	1,602	1,724	3,326	300,968	1,627	.....	.....	5	24	29	304	397	611	91,448	497			
Kansas.....	1	91	2,664	1,645	3,213	307,624	1,746	.....	.....	0	33	33	0	372	372	54,373	303			
Kentucky.....	1	27	680	754	1,434	136,539	799	.....	.....	1	1	2	231	136	367	49,265	254			
Louisiana.....	5	47	625	626	1,251	117,705	685	.....	.....	1	15	16	7,486	5,774	13,160	1,263,010	6,907			
Maine.....	1	600	10,157	9,661	19,818	2,053,171	11,091	.....	.....	15	183	198	7,486	5,774	13,160	1,263,010	6,907			
Massachusetts.....	11	535	13,724	13,699	27,423	2,612,390	14,303	.....	.....	5	43	48	4,085	3,779	7,864	857,674	4,753			
Michigan.....	2	245	5,109	5,414	10,523	1,249,570	6,789	.....	.....	4	76	80	3,802	3,778	7,580	144,263	22			
Minnesota.....	1	26	376	441	817	69,174	330	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Mississippi.....	2	363	7,847	7,897	15,744	1,945,209	10,014	.....	.....	3	25	28	1,353	964	2,317	252,803	1,301			
Missouri.....	1	15	1,562	1,161	2,723	106,572	597	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Montana.....	2	121	2,258	2,260	4,518	59,243	3,090	.....	.....	1	4	5	56	0	56	6,290	34			
Nebraska.....	3	75	75	75	150	15,570	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	48	A24	590	1,114	131,338	760	2	6	0	1	2,010	1,410	3,120	1,364	10	1
New Hampshire.....	565	16,064	15,701	31,785	3,423,234	18,266			38	294	2,010	1,410	3,120	291,222	165	48
New Jersey.....	1	32	34	66	5,045	26										
New Mexico.....	1	32	34	66	5,045	26										
New York.....	9	48,254	47,813	96,087	8,141,897	44,085	17	32	471	1,096	12,628	10,537	23,163	3,135,366	16,158	53
North Carolina.....	13	101	147	248	37,886	199										
North Dakota.....	2	10,530	10,267	20,597	2,473,300	13,557										
Ohio.....	33	1,229	1,306	2,535	251,987	1,438	1	15	59	160	2,547	1,561	4,108	524,430	2,801	38
Oklahoma.....	1															
Oregon.....	8	268	241	509	40,492	212		2	23	32	842	1,057	1,899	152,036	796	3
Pennsylvania.....	5	10,619	11,065	21,684	2,368,339	12,178	6	0	64	167	5,878	4,554	10,432	1,319,260	6,905	54
Rhode Island.....	1	2,453	2,411	4,864	393,273	2,340			16	51	509	201	710	88,902	539	21
South Carolina.....	1	26	20	45	5,220	30			4	8	48	180	228	31,690	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.....	2	59	1,706	1,766	3,472	279,749			0	5	30	19	49	4,901	28	2
Vermont.....	12	158	146	304	33,362	189										
Washington.....	14	114	149	263	32,725	192										
West Virginia.....	2	20	412	467	96,654	534	1		5	39	489	642	1,131	141,542	782	5
Wisconsin.....	20	668	622	1,290	132,264	723	1		1	22	499	147	646	67,431	345	9
Wyoming.....	3	423	9,286	9,772	19,070	2,330,321	10	16	94	180	6,213	5,692	11,905	648,947	3,533	50
Wyoming.....	3	423	9,286	9,772	19,070	2,330,321	10	16	94	180	6,213	5,692	11,905	648,947	3,533	50

TABLE 69 (b).—Kindergartens in cities of 2,500 population and over 1917-18.

States.	Cities reporting.	Super-visors.	Princi-pals.	Teach-ers.	Enrollment.		Aggregate attendance.	Average daily attendance.
					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	552
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	1,058	165,680	1,022
Kentucky.....	5	1		67	1,502	1,724	300,968	1,627
Louisiana.....	3	1		91	1,664	1,548	307,624	1,746
Maine.....	6			37	690	754	136,849	799
Maryland.....	1			47	638	626	117,705	665
Massachusetts.....	30	5		604	10,238	9,713	2,093,107	11,749
Michigan.....	54	13	1	586	15,022	15,011	2,972,581	16,164
Minnesota.....	11	2		245	5,569	5,414	1,249,670	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	624	590	131,338	760
New Jersey.....	47			585	16,559	16,164	3,545,907	18,017
New Mexico.....	1	4		1	32	34	5,045	28
New York.....	67	9		1,023	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		393	10,430	10,375	2,503,016	13,723
Oklahoma.....	1	1		33	1,229	1,306	251,957	1,436
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	261	61,035	351
Tennessee.....	1			6	47	43	12,018	77
Texas.....	13	2		61	1,753	1,819	289,469	1,647
Utah.....	2			13	184	170	40,006	232
Vermont.....	3			14	114	149	32,729	192
Virginia.....	2	2		22	440	513	107,566	596
Washington.....	3			22	696	652	138,444	758
West Virginia.....								
Wisconsin.....	50	4		451	9,902	10,387	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.			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.	Total.	Boys.	Girls.	Total.								
I.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18					
United States.....	33	15,070	135,435	124,709	270,144	26,335,595	137,040	30	96	902	2,389	43,263	36,015	79,278	9,239,715	49,563	224					
Alabama.....										21	6	481	166	647	19,936	318	2					
Arkansas.....																						
Arizona.....																						
California.....	1	351	7,589	7,641	15,231	1,317,685	7,065		1	21	20	635	581	1,216	105,325	553	6					
Colorado.....	1	74	2,249	2,388	4,637	216,832	1,173		2	12	50	2,209	1,960	4,169	381,218	2,072	8					
Connecticut.....	1	75	1,991	1,905	3,896	605,119	2,811		2	28	43	467	300	767	115,333	555	5					
Delaware.....																						
District of Columbia.....	2	157	3,960	2,069	4,029	377,664	2,133		2	14	43	119	418	537	70,944	410	5					
Florida.....																						
Georgia.....																						
Idaho.....																						
Illinois.....		407	11,260	19,203	30,463	3,278,420	18,013		3	31	39	5,172	2,929	8,101	890,440	4,378	2					
Indiana.....										2	1	0	38	38	6,265	35	1					
Iowa.....																						
Kansas.....																						
Kentucky.....	1	38	978	1,144	2,122	174,432	945		2	5	24	304	307	611	91,448	497	7					
Louisiana.....	1	57	1,663	1,477	3,140	262,864	1,664		2	0	23	0	372	372	54,372	303	2					
Maine.....																						
Maryland.....																						
Massachusetts.....	4	400	6,720	6,265	12,985	1,416,545	7,871		3	58	147	6,526	5,519	12,045	1,120,195	6,142	4					
Michigan.....	4	300	8,468	8,508	16,976	1,374,554	7,653		2	35	175	3,650	3,515	7,165	765,890	4,266	15					
Minnesota.....	1	160	3,868	3,794	7,662	784,648	4,280		2	0	53	155	710	865	103,909	586	0					
Mississippi.....																						
Missouri.....	2	265	7,875	7,303	15,178	1,631,268	9,936		2	21	28	1,278	984	2,262	245,785	1,281	15					
Montana.....																						

1 Includes 6 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.						
Alabama.....	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
Nbraska.....	1	85	1,415	1,461	2,876	325,000	1,760	1	4	0	0	56	0	56	6,290	34	1			
Nevada.....	174	174	7,919	6,946	13,865	1,309,496	6,941	1	4	13	126	1,036	909	1,945	299,412	1,585	24			
New Hampshire.....	5	1,265	40,336	39,893	80,219	6,505,164	35,329	15	28	408	1,021	11,454	9,894	21,348	2,889,899	15,118	20			
New Jersey.....	2	264	7,129	7,025	14,152	1,863,252	10,164	1	14	59	156	2,547	1,536	4,083	519,855	2,776	37			
New Mexico.....	8	268	241	241	509	40,492	212	2	23	23	32	842	1,057	1,899	152,098	796	3			
New York.....	4	529	9,600	10,053	19,653	2,123,300	10,961	2	8	59	101	3,172	2,496	5,668	777,849	3,944	10			
North Carolina.....	1	60	1,785	1,783	3,569	274,848	1,636	1	16	16	44	420	132	552	71,223	445	19			
North Dakota.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Ohio.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Oklahoma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Oregon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Pennsylvania.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Rhode Island.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
South Carolina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
South Dakota.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Tennessee.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Texas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Utah.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Vermont.....	2	20	412	467	879	96,664	594	1	5	5	39	489	642	1,131	141,544	782	5			
Virginia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Washington.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
West Virginia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Wisconsin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Wyoming.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

	19	1,420	33,228	33,847	67,075	6,865,159	37,763	19	23	240	323	6,435	4,052	10,457	1,122,799	6,106	10
United States.....	1	21	241	298	539	42,071	257										
Alabama.....																	
Arizona.....																	
Arkansas.....																	
California.....	1	102	1,949	2,107	4,066	324,104	1,523	1	1	0	1	8	8	16	2,174	13	1
Colorado.....																	
Connecticut.....																	
Dakota.....																	
District of Columbia.....																	
Florida.....																	
Georgia.....	19	205	215	420	49,333	310	310			0	1	0	41	41	5,580	31	1
Idaho.....																	
Illinois.....	1	37	849	916	1,765	149,926	826	1	4	4	1	122	5	127	4,827	95	2
Indiana.....	1	88	1,868	2,082	4,060	428,868	2,229	1	4	25	20	246	402	571	65,034	348	4
Iowa.....	1	120	2,513	2,489	5,002	427,896	2,399	4	2	6	26	168	216	374	56,206	308	5
Kansas.....																	
Kentucky.....																	
Louisiana.....																	
Maine.....																	
Maryland.....																	
Massachusetts.....	1	143	2,683	2,668	5,149	476,086	2,731	1	7	71	38	748	285	1,003	128,035	710	11
Michigan.....	3	94	2,288	2,270	4,577	497,314	2,746	2	1	8	31	358	213	571	72,013	393	7
Minnesota.....	1	31	732	662	1,425	180,865	983	2	2	2	17	94	38	130	28,885	187	12
Mississippi.....																	
Missouri.....	1	8	226	238	464	7,239	40	1	1	4	0	75	0	75	7,108	40	1
Montana.....																	
Nebraska.....	17	468	458	926	139,040	700											
Nevada.....																	
New Hampshire.....	10	135	171	256	38,340	216											
New Jersey.....	166	4,413	4,390	8,772	1,109,503	5,909	1	1	18	45	45	615	235	860	114,129	609	14
New Mexico.....																	
New York.....	4	181	4,192	4,245	8,437	885,654	4,748	2	4	48	36	767	292	1,059	145,191	795	9
North Carolina.....																	
North Dakota.....																	
Ohio.....	49	2,218	2,223	4,440	337,223	2,146											
Oklahoma.....	1	28	687	1,022	1,698	201,441	1,144	1	1	0	4	0	25	25	4,375	25	1
Oregon.....																	
Pennsylvania.....	30	754	744	1,498	177,660	918											
Rhode Island.....	23	301	314	615	67,491	351											
South Carolina.....																	
South Dakota.....																	

TABLE 70.—Summary of public kindergartens, normal, vocational, and special schools, 1917-18—Continued.  
GROUP II.—CITIES OF 20,000 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.		
			Boys.	Girls.					Men.	Women.	Boys.	Girls.				Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Tennessee.....	2	6	47	43	90	12,018	77										
Texas.....	2	49	1,480	1,454	2,934	245,580	1,392		0	5	30	19	49		4,901	23	2
Utah.....																	
Vermont.....																	
Virginia.....																	
Washington.....		3	88	91	179	8,294	45		3	0	63	9	72		3,800	21	2
West Virginia.....	1	75	1,708	1,799	3,508	413,075	2,196	4	13	30	1,479	1,432	2,911		210,803	1,141	11
Wisconsin.....																	
Wyoming.....																	
United States.....	12	1,074	22,550	22,820	45,370	5,027,483	27,571	5	12	88	185	5,536	4,756	10,292	741,302	3,988	74
Alabama.....		5	106	96	202	15,394	94										
Arizona.....																	
Arkansas.....		75	2,125	2,162	4,287	348,832	2,035										
California.....	1	4	109	137	246	31,555	175										
Colorado.....																	
Connecticut.....	1	80	1,615	1,527	3,142	415,615	2,342			0	1	11	7	18	2,475	15	1
Delaware.....																	
District of Columbia.....		9	179	230	409	42,666	243			7	5	141	89	230	34,689	163	1
Florida.....																	
Georgia.....																	
Idaho.....		37	960	935	1,895	223,262	1,214										
Illinois.....	3	63	1,665	1,720	3,385	377,295	1,998			0	2	10	14	21	3,104	16	2
Indiana.....																	
Iowa.....		43	760	723	1,483	175,489	1,017										
Kansas.....		13	283	299	582	45,604	283										

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

States.	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.					Men.	Women.	Boys.	Girls.				Total.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Tennessee.....	2	6	47	43	90	12,018	77										
Texas.....	2	49	1,480	1,454	2,934	245,580	1,392		0	5	30	19	49		4,901	23	2
Utah.....																	
Vermont.....																	
Virginia.....																	
Washington.....		3	88	91	179	8,294	45		3	0	63	9	72		3,800	21	2
West Virginia.....	1	75	1,708	1,799	3,508	413,075	2,196	4	13	30	1,479	1,432	2,911		210,803	1,141	11
Wisconsin.....																	
Wyoming.....																	
United States.....	12	1,074	22,550	22,820	45,370	5,027,483	27,571	5	12	88	185	5,536	4,756	10,292	741,302	3,988	74
Alabama.....		5	106	96	202	15,394	94										
Arizona.....																	
Arkansas.....		75	2,125	2,162	4,287	348,832	2,035										
California.....	1	4	109	137	246	31,555	175										
Colorado.....																	
Connecticut.....	1	80	1,615	1,527	3,142	415,615	2,342			0	1	11	7	18	2,475	15	1
Delaware.....																	
District of Columbia.....		9	179	230	409	42,666	243			7	5	141	89	230	34,689	163	1
Florida.....																	
Georgia.....																	
Idaho.....		37	960	935	1,895	223,262	1,214										
Illinois.....	3	63	1,665	1,720	3,385	377,295	1,998			0	2	10	14	21	3,104	16	2
Indiana.....																	
Iowa.....		43	760	723	1,483	175,489	1,017										
Kansas.....		13	283	299	582	45,604	283										

State	No. of cities	Total enrollment	Total number of teachers	Total number of principals	Total number of principals	Total number of principals	Total number of principals	Total number of principals	Total number of principals	Total number of principals	Total number of principals	Total number of principals	Total number of principals	Total number of principals	Total number of principals	Total number of principals	
Kentucky	2	24	18	42	6,528	34											
Louisiana	4	59	71	130	14,760	82											
Maine	14	147	175	323	43,482	319											
Maryland																	
Massachusetts	25	498	465	903	100,705	575											
Michigan	184	1,777	1,723	3,500	440,595	2,337											
Minnesota	27	445	413	858	131,212	704											
Mississippi																	
Missouri	2	34	48	82	6,073	38											
Montana	9	330	297	627	74,511	412											
Nebraska	1	7	140	172	36,248	223											
Nevada	3	75	75	150	15,570	90											
New Hampshire	36	379	450	829	86,218	523											
New Jersey	166	3,522	3,554	7,076	796,190	4,213											
New Mexico																	
New York	124	2,904	2,905	5,809	594,970	3,185											
North Carolina	13	101	117	248	37,886	199											
North Dakota																	
Ohio	27	600	624	1,224	139,980	772											
Oklahoma	7	262	284	546	50,516	292											
Oregon																	
Pennsylvania	17	366	334	700	55,934	353											
Rhode Island																	
South Carolina																	
South Dakota	12	203	205	408	49,799	284											
Tennessee																	
Texas	1	25	28	53	3,068	17											
Utah	12	138	146	304	33,332	186											
Vermont	10	60	70	130	16,830	99											
Virginia																	
Washington																	
West Virginia	2	2,720	2,757	5,477	614,733	3,340											
Wisconsin																	
Wyoming																	

\* Includes 2 principals.

\* Includes 1 principal.

\* Includes 3 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.	Prin- cals.	Teachers.		Enrollment.		Aggregate attend- ance.	Average daily attend- ance.	Num- ber of schools.		
			Boys.	Girls.					Boys.	Girls.	Men.	Women.				Boys.	Girls.
1.	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
United States.....	6	453	9,255	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	273	518	39,599	179										
Arizona.....		21	471	539	1,010	85,340	485										
Arkansas.....		4	91	118	209	18,480	86										
California.....		22	486	441	927	110,108	602										
Colorado.....	1																
Connecticut.....		2	31	30	61	6,080	38										
District of Columbia.....																	
Florida.....																	
Georgia.....																	
Idaho.....		13	245	286	534	67,014	397										
Illinois.....		12	317	353	670	65,578	351			2	0	23	32	55	4,320	33	2
Indiana.....		14	254	254	518	65,960	375										
Iowa.....		9	274	218	392	38,518	223										
Kansas.....		1	20	18	38	6,000	30										
Kentucky.....		6	137	160	297	32,628	183			1	0	29	0	29	6,040	28	1
Louisiana.....		22	386	365	751	89,884	514										
Maine.....		57	1,181	1,189	2,370	299,908	1,567										
Maryland.....		27	463	515	978	153,645	817			0	1	6	6	12	2,112	11	1
Massachusetts.....		26	376	441	817	69,174	390			2	4	41	15	56	8,285	47	2
Michigan.....		1															
Minnesota.....			37	43	70	5,905	33										
Missouri.....																	
Montana.....																	
Nebraska.....																	



BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 71.—Combined summary of items relating to health, recreation, transportation, truancy 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 systems reporting.	Amount expended.	Number of truant officers employed.	City school systems reporting.	Teachers.			Enrollment.		
	Num. of school physicians.	City school systems reporting.	Num. of school nurses.	City school systems reporting.	City school systems reporting.	Amount expended.	City school systems reporting.	Amount expended.					Num. of junior high schools.	Men.	Women.	Total.	Boys.	Girls.
1	3	4	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
United States.....	305	465	1,362	811	\$1,639,763	254	\$337,112	420	\$890,435	1,589	292	431	1,077	4,468	5,545	75,013	83,065	158,108
Alabama.....	7	3	4	4	2,137	1	222	2	2,598	6	1	2	2	9	11	229	253	482
Arizona.....	3	3	3	3	2,115	1	222	2	2,598	6	1	2	2	9	11	229	253	482
Arkansas.....	3	3	3	3	2,115	1	222	2	2,598	6	1	2	2	9	11	229	253	482
California.....	12	15	58	26	98,218	15	23,767	29	41,915	38	7	20	110	376	486	6,166	6,344	12,510
Colorado.....	5	6	8	7	8,109	3	675	3	5,175	22	7	9	11	84	95	1,024	1,303	2,327
Connecticut.....	21	37	41	24	26,165	3	10,414	32	55,555	29	4	8	20	101	121	1,581	1,688	3,269
Delaware.....	1	1	1	1	17,941	1	100	1	325	3	1	2	6	36	42	573	694	1,267
District of Columbia.....	6	8	6	5	3,240	1	100	3	8,070	1	3	3	4	16	20	294	342	636
Florida.....	1	1	3	5	2,525	2	222	4	5,778	15	2	2	8	17	25	263	300	553
Georgia.....	18	123	41	57	54,652	21	5,345	7	41,540	125	12	20	30	180	210	2,674	2,924	5,608
Idaho.....	19	32	23	10	18,198	5	15,529	7	10,087	25	20	21	61	182	243	3,617	4,468	8,085
Illinois.....	9	10	20	10	8,172	6	2,543	4	3,357	31	19	23	40	167	207	2,826	3,307	6,133
Indiana.....	3	8	11	11	2,857	1	125	4	2,260	19	5	6	8	56	59	840	1,023	1,863
Iowa.....	4	8	7	6	1,181	3	365	4	2,260	4	4	4	1	15	16	262	296	558
Kansas.....	2	2	2	2	1,405	1	2,700	28	35,540	28	4	4	1	21	22	331	353	684
Kentucky.....	1	5	2	3	1,405	2	400	2	719	18	1	1	1	21	22	331	353	684
Louisiana.....	5	1	1	1	197,426	5	39,284	118	257,797	150	14	26	36	279	315	4,468	4,857	9,305
Massachusetts.....	95	310	62	127	197,426	5	39,284	118	257,797	150	14	26	36	279	315	4,468	4,857	9,305



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Michigan	16	19	22	31	28	31,656	16	14,351	13	14,365	72	21	28	67	376	463	5,611	5,777	11,838
Minnesota	9	17	18	39	24	77,380	12	10,053	12	37,510	23	15	18	59	317	210	3,633	3,392	7,616
Mississippi	3	14	4	28	4	42,828	4	14,299	2	14,932	38	7	9	22	85	107	1,464	1,505	2,999
Missouri	3	14	6	7	3	6,349	1	1,511	2	1,985	11	2	2	5	33	38	1,535	1,582	1,117
Nebraska	6	6	2	15	5	20,704	2	1,172	2	3,510	15	6	8	7	56	63	652	694	1,246
Nevada																			
New Hampshire	9	14	7	12	7	6,905	14	26,228	14	26,228	19	8	12	10	73	83	963	1,023	2,016
New Jersey	46	105	27	91	51	165,273	22	38,553	27	31,809	88	12	18	52	202	254	3,347	3,719	7,066
New Mexico																			
New York	72	231	57	335	182	201,166	60	34,671	23	154,033	260	14	27	120	307	427	5,580	6,851	12,441
North Carolina	4	4	4	9	4	1,403	2	2	2	977	3	2	2	2	23	25	467	530	997
North Dakota	12	51	28	75	28	10,294	8	13,050	12	28,134	92	17	38	134	420	654	9,867	10,460	20,377
Ohio	2	2	3	3	3	3,426	4	13,783	3	780	6	3	4	8	20	28	521	718	1,239
Oklahoma	4	7	4	4	5	1,338	2	432	2	603	10	7	9	17	58	75	1,065	1,281	2,346
Oregon	56	217	19	92	71	335,000	22	70,544	7	15,230	216	32	36	82	298	390	5,605	6,241	11,846
Rhode Island	12	37	8	16	13	22,908	1	2	10	10,618	21	1	1	1	6	6	123	120	243
South Carolina	1	2	2	2	3	751	2	112											
South Dakota	2	2	4	4	3	1,688	1	23			3	1	1	1	4	5	94	104	198
Tennessee	2	6	1	1	4	8,569	5	2,049	2	2,517	5	3	3	7	24	31	592	542	1,074
Texas	4	5	5	7	8	7,185	5	2,049	2	2,517	8	2	4	23	75	98	1,214	1,479	2,663
Utah	8	5	2	8	4	1,821	4	3,607	4	3,607	4	2	11	19	108	126	1,674	1,827	3,501
Vermont	2	3	3	3	5	3,092	2	964	5	8,068	8	3	3	5	19	24	308	292	600
Virginia	3	14	3	15	6	15,423	2	1,072	2	1,072	2	3	5	20	121	141	1,852	2,401	4,253
Washington	4	6	5	20	10	47,298	1	47	9	13,211	10	3	5	6	19	25	388	399	757
West Virginia	5	6	2	6	9	4,173	3	2,150	4	7,113	7	4	6	23	107	130	1,623	1,771	3,397
Wisconsin	11	26	20	41	25	47,929	2	17,406	11	7,246	43	10	15	22	79	101	1,234	1,318	2,552
Wyoming																			
Yielding																			

TABLE 72.—Summary of items relating to health, recreation, transportation, truant officers, and junior high schools, 1917-18.  
GROUP 1.—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 sys-tems report-ing.	Num-ber of truant officers em-ployed.	City Num-ber of junior 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 ex-pended.	City school sys-tems report-ing.	Amount ex-pended.				Men.	Wo-men.	Total.	Boys.	Girls.	Total.			
1	3	3	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	\$186,097	28	\$271,796	585	17	76	438	1,363	1,821	24,500	26,531	51,031	
Alabama.....	1	1	1	2																
Arizona.....																				
Arkansas.....	3	13	3	42	2	65,338	1	19,097	2	2,243	16	1	5	63	224	297	3,970	3,972	7,942	
California.....					1	5,243			1	2,884	4	1	2	4	33	37	397	468	866	
Colorado.....																				
Connecticut.....	2	3	2	22	1	200	1	45			5	1	4	3	31	34	619	599	1,218	
Delaware.....																				
District of Columbia.....	1	12	1	2	1	17,941			1	825	3									
Florida.....																				
Georgia.....																				
Illinois.....	1	100	1	110	1	10,166			1	40,348	55	1	3	5	18	23	118	219	337	
Indiana.....	1	5	1	9							8									
Iowa.....																				
Kansas.....																				
Kentucky.....	1	4	1	4																
Louisiana.....	1	3	1	1																
Maine.....																				
Maryland.....	1	5	1	10																
Massachusetts.....	5	88	5	48	4	75,024	1	37,764	5	9,912	45									

State	2	2	10	12	1	1	2	3	39	2	50,262	1	3,604	2	5,202	23	2	7	43	163	296	2,256	2,198	4,453
Michigan	2	10	2	1	2	36	1	3,604	2	5,202	23	2	7	43	163	296	2,256	2,198	4,453					
Minnesota	1	12	1	23	1	41,672	1	1,101	2	14,932	24	1	14	37	51	781	715	1,486						
Mississippi	1	1	1	13	1	19,380			2	2,790	2													
Montana	1	1	1	4	3	77,134	2	29,771	1	2,676	36	1	3	10	35	45	663	777	1,439					
Nebraska	3	28	3	44	3	77,134	2	29,771	1	2,676	36	1	3	10	35	45	663	777	1,439					
Nevada	4	138	4	255	4	77,192	3	7,915	3	142,325	195	1	14	107	203	310	4,229	5,262	9,481					
New Hampshire	3	53	5	64	4	74,428	2	8,430	4	23,639	30	3	22	110	405	616	7,847	8,356	16,203					
New Jersey	5	112	1	10	1	10,750	1	1,042	1	1,042	1	1	3	16	84	99	1,262	1,662	2,934					
New Mexico	1	5	1	1	1	6,417					4													
New York	1	4	1	1	1	6,417					4													
North Carolina	3	119	3	63	3	299,042	1	81,263	1	13,265	89	2	3	36	70	114	1,455	1,551	3,006					
North Dakota	1	9	1	8	1	15,234				1	1,767	1												
Ohio	1	5	1	1	1	6,417					4													
Oklahoma	1	5	1	1	1	6,417					4													
Oregon	1	12	1	10	1	10,750	1	1,042	1	1,042	1	1	3	16	84	99	1,262	1,662	2,934					
Pennsylvania	2	3	2	15	2	37,664				2	4,725	3	1	3	4	9	133	64	197					
Rhode Island	1	12	1	10	1	26,006				1	3,762	11												
South Carolina	1	12	1	10	1	26,006				1	3,762	11												
South Dakota	1	5	1	1	1	6,417					4													
Tennessee	1	5	1	1	1	6,417					4													
Texas	1	5	1	1	1	6,417					4													
Utah	1	5	1	1	1	6,417					4													
Vermont	1	5	1	1	1	6,417					4													
Virginia	1	5	1	1	1	6,417					4													
Washington	1	5	1	1	1	6,417					4													
West Virginia	1	5	1	1	1	6,417					4													
Wisconsin	1	5	1	1	1	6,417					4													
Wyoming	1	5	1	1	1	6,417					4													

GROUP II.—CITIES OF 20,000 TO 100,000 POPULATION.

State	86	244	90	214	104	\$332,479	41	\$94,461	52	\$84,292	163	38	90	219	1,096	1,355	16,550	19,232	35,782	
United States	86	244	90	214	104	\$332,479	41	\$94,461	52	\$84,292	163	38	90	219	1,096	1,355	16,550	19,232	35,782	
Alabama					2	1,437			1	1,678										
Arizona					4	19,636			3	3,579	4	3	8	33	97	130	1,439	1,645	3,084	
Arkansas	3	4	2	2	1	900	1	600	2	1,755	2	1	1	9	31	40	500	550	1,050	
California	1	1	2	2	1	606	1	9,901	2	1,755	2	1	1	9	31	40	500	550	1,050	
Colorado	2	5	2	3	3	6,865	1	9,901	2	1,755	2	1	1	9	31	40	500	550	1,050	
Connecticut																				
Delaware																				
District of Columbia																				

1 Nine of these are city physicians.

TABLE 72.—Summary of items relating to health, recreation, transportation, transient 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-tem report-ing.		Amount ex-pended.		Num-ber of transient officers employed.	City school sys-tem report-ing.	Num-ber of junior high schools.	Teachers.		Enrollment.	
	Num-ber of school phys-icians report-ing.	City school sys-tem report-ing.	Num-ber of school nurses report-ing.	City school sys-tem report-ing.	Amount ex-pended.	City school sys-tem report-ing.	Amount ex-pended.	City school sys-tem report-ing.	Amount ex-pended.	Men.	Wo-man.	Total.				Boys.	Girls.	Total.	
1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Florida	1	1	2	1	\$1,315			2	\$4,671	1	2	6	36	42	573	694	1,267		
Georgia	2	3	5	11	13,780	4	\$1,018	4	747	12	3	8	16	97	113	1,506	3,150		
Illinois	2	7	1	3	6,223	2	15,031	6	1,747	6	1	1	20	21	234	348	3,802		
Indiana	2	2	3	7	4,622	3	15,505	3	6,984	3	1	1	2	21	168	314	382		
Iowa	1	1	3	4	4,412	1	1,815	2	2,871	5	3	5	17	53	70	802	1,946		
Kansas	2	3	1	1	1,843					4	2	3	2	40	42	570	677		
Kentucky																			
Kentucky																			
Michigan	17	83	17	36	66,981	1	777	12	31,610	28	5	17	26	194	220	3,979	6,266		
Michigan	3	3	4	7	10,128	3	6,478	2	200	6	2	4	13	55	68	901	1,704		
Minnesota	1	1	1	4	4,969	1	4,852	1	3,866	1	1	4	18	63	81	972	1,067		
Mississippi																			
Missouri	1	1	2	4	833														
Montana					\$282														
Nebraska	1	1	1	2															
Nebraska	1	1	1	2															
New Hampshire	7	31	6	21	43,752	3	2,827	1	2,466	2	1	3	2	5	7	97	119		
New Jersey																			
New York																			
New York																			
New York																			

11	32	11	34	12	04,396	9	14,260	0	6,061	19	1	1	1	1	9	10	136	174	309
11	1	1	1	1	11,224	4	2,900	1	1,470	3									
11	1	1	1	1	1,411					1									
13	41	10	23	12	44,321	0	7,020	2	1,030	22	3	6	23	40	63	825	968	1,791	
2	8	1	1	2	2,823					2									
1	1	1	1	1	21														
1	3	4	6	2	2,002					1	1	1	5	12	17	229	226	456	
1	1	1	7	1	2,876	1	1,424	1	360	5	1	3	17	52	69	813	1,070	1,563	
1	1	1	1	1	1,011					1	1	8	12	70	82	1,121	1,179	2,300	
2	2	2	3	2	2,103					1	1	1	4	28	32	426	663	1,119	
1	2	1	3	1	5,669					1	1	3	19	49	65	695	735	1,430	
2	2	2	4	1	1,030					2	1	3	7	19	29	313	376	689	
1	1	1	9	1	3,302					2	1	3	7	19	29	313	376	689	
1	1	1	1	1															
1	1	1	1	1															

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

148	244	159	104	277	\$240,399	49	\$34,284	88	\$121,339	261	68	93	107	399	1,066	15,897	17,301	33,106	
1	1	1	1	1	113					2									
1	1	1	1	1	21,312	5	2,900	1	26	18	2	2	3	21	24	322	432	594	
2	2	6	7	8	10,861	1	52	1	600	13	7	6	32	71	103	1,382	1,913	3,241	
1	1	1	2	4	7,633				2	9	1	1	2	8	26	34	386	377	763
1	1	1	2	4	1,796	2	311	1	36	6	3	5	5	35	41	123	173	303	
8	17	9	11	12	17,458	1	378	6	10,339	9	1	2	7	26	43	406	485	891	
3	5	2	4	2	1,675														
5	10	18	20	21	21,312	5	2,900	1	26	18	2	2	3	21	24	322	432	594	
7	11	2	3	8	10,861	1	52	1	600	13	7	6	32	71	103	1,382	1,913	3,241	
5	6	8	8	8	7,633				2	9	1	1	2	8	26	34	386	377	763
1	1	1	2	4	1,796	2	311	1	36	6	3	5	5	35	41	123	173	303	
1	1	1	1	1	194				3	1	1	1	1	9	10	139	181	310	
1	1	1	1	1	1,181	2	215	3	1,830	1	1	1	1	15	16	262	395	638	
1	1	1	1	1	750	1	2,700	3	2,683	2	1	1	1	6	7	75	68	143	
24	56	18	19	26	27,650	1	566	23	45,867	25	3	3	2	61	63	1,009	1,026	2,035	

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.		City school systems reporting.	Number of truant officers employed.	Number of junior high schools.	Teachers.		Enrollment.		
	City school systems reporting.	Number of school physicians.	City school systems reporting.	Number of school nurses.	City school systems reporting.	Amount expended.	City school systems reporting.	Amount expended.	City school systems reporting.	Amount expended.				Men.	Women.	Total.	Boys.	Girls.
1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Michigan.....	5	6	7	8	\$11,368	4	\$5,968	4	\$537	12	5	5	5	50	55	1,038	1,042	2,080
Minnesota.....	1	3	3	3	4,212	1	913	2	7,256	3	2	2	2	19	21	330	455	785
Mississippi.....	1	1	1	2	142	1	75	1	965	1	1	3	3	19	22	222	254	476
Montana.....	1	2	2	1	1,867	1	150	1	.....	3	1	1	0	17	17	354	363	697
Nebraska.....	1	1	1	1	180	1	.....	1	.....	1	1	1	1	.....	.....	.....	.....	.....
Nevada.....	4	3	3	4	5,800	3	1,353	3	9,982	6	5	9	5	56	61	718	831	1,609
New Hampshire.....	13	10	18	11	20,070	3	2,159	7	11,194	12	5	8	18	74	92	1,330	1,339	2,669
New Jersey.....	1	1	1	1	900	1	.....	1	.....	1	1	1	1	.....	.....	.....	.....	.....
New Mexico.....	27	24	26	38	44,574	14	9,745	4	2,292	28	2	2	5	45	50	534	592	1,126
New York.....	3	3	8	2	1,334	1	2	1	41	3	1	2	1	14	15	363	400	763
North Carolina.....	2	1	1	1	1,350	1	1,120	3	1,176	14	1	3	3	10	22	290	465	755
North Dakota.....	2	7	7	10	8,373	1	1,120	3	1,110	14	2	3	6	17	23	410	627	1,037
Ohio.....	1	1	1	2	1,952	2	406	1	.....	2	1	3	11	17	28	426	490	916
Oregon.....	1	1	1	1	1,000	2	.....	3	1,097	1	1	3	3	11	17	28	426	490
Pennsylvania.....	12	23	4	15	10,954	2	406	3	1,097	31	9	9	10	83	93	1,623	1,818	3,441
Rhode Island.....	4	2	2	4	2,510	1	.....	1	.....	4	1	1	1	.....	.....	.....	.....	.....
South Carolina.....	1	1	1	2	1,321	1	.....	1	.....	1	1	1	1	.....	.....	.....	.....	.....
South Dakota.....	2	2	2	2	1,321	1	.....	1	.....	1	1	1	1	.....	.....	.....	.....	.....
Tennessee.....	1	1	1	3	3,064	1	500	1	.....	2	1	1	0	9	9	203	186	389
Texas.....	1	1	1	1	.....	1	.....	1	.....	2	1	1	0	23	29	401	409	810

Utah.....	1	3	1	1	1	285	1	139	1	664	1	1	3	6	38	44	553	648	1,201
Vermont.....	2	3	1	2	3	1,647	1	30	1	2,590	1	1	2	10	12	180	148	328	328
Virginia.....	1	1	1	2	3	2,970	1	1	1	4,988	3	1	1	0	6	6	88	110	198
Washington.....	1	2	2	2	3	1,847	2	1	2	1,113	2	4	6	49	55	757	837	1,664	1,664
West Virginia.....	4	8	6	11	7	9,158	1	81	1	558	1	2	3	8	30	38	495	478	973
Wisconsin.....	1	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	1

GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

United States.....	117	147	101	106	232	\$113,396	74	\$23,014	122	\$219,588	312	99	102	149	726	875	12,780	14,044	26,824
Alabama.....	2	2	3	3	2	450	1	222	1	93	1	1	1	2	9	11	220	253	453
Arizona.....	1	1	1	1	2	2,015	1	1	1	1	1	1	1	1	6	7	98	124	222
Arkansas.....	3	4	2	3	4	3,164	2	205	6	10,242	4	2	2	6	19	25	371	350	721
California.....	2	2	1	1	2	5,146	2	175	1	990	5	3	4	4	31	35	383	426	809
Colorado.....	6	6	4	4	6	1,475	14	24,130	14	24,130	6	6	6	13	50	63	909	1,049	1,968
Connecticut.....	2	2	2	2	1	200	1	125	1	290	1	2	2	0	7	7	141	165	306
Delaware.....	1	1	1	1	1	1,112	1	604	1	3,267	2	1	1	1	12	20	179	224	403
District of Columbia.....	1	1	1	1	1	6,293	1	710	1	604	24	3	3	4	37	41	523	549	1,072
Florida.....	8	8	1	1	11	2,798	2	24	1	1,699	17	11	11	27	88	115	1,699	1,853	3,552
Georgia.....	1	1	1	1	2	1,179	2	317	1	1,001	3	6	6	13	50	63	909	1,049	1,968
Iowa.....	2	2	3	4	2	1,001	1	317	1	1,001	3	6	6	13	50	63	909	1,049	1,968
Kansas.....	1	1	1	1	1	290	1	125	1	290	1	2	2	0	7	7	141	165	306
Kentucky.....	4	4	1	1	3	345	1	1	1	1	1	1	1	1	1	1	1	1	1
Louisiana.....	4	4	1	1	1	18,222	1	50	40	82,456	44	4	4	7	18	25	365	407	772
Maine.....	2	2	3	3	9	2,783	7	1,000	3	5,218	13	5	5	6	34	40	529	518	1,047
Maryland.....	5	5	7	8	12	15,732	6	6,467	3	34,730	8	8	8	12	70	82	1,373	1,408	2,781
Massachusetts.....	1	1	1	1	1	1,200	1	151	1	510	3	1	1	1	11	12	180	200	390
Michigan.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Minnesota.....	2	2	2	2	2	664	7	2,737	5	10,952	9	6	6	3	18	21	310	363	612
Mississippi.....	9	10	5	5	16	18,137	7	5,120	7	5,120	6	2	2	3	18	21	310	363	612
Missouri.....	2	2	2	2	2	145	1	145	1	145	1	1	1	1	1	1	1	1	1
Montana.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Nebraska.....	2	2	2	2	2	664	7	2,737	5	10,952	9	6	6	3	18	21	310	363	612
Nevada.....	9	10	5	5	16	18,137	7	5,120	7	5,120	6	2	2	3	18	21	310	363	612
New Hampshire.....	2	2	2	2	2	145	1	145	1	145	1	1	1	1	1	1	1	1	1
New Jersey.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
New York.....	2	2	2	2	2	664	7	2,737	5	10,952	9	6	6	3	18	21	310	363	612
North Carolina.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
North Dakota.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Ohio.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Oklahoma.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Oregon.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Pennsylvania.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Rhode Island.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
South Carolina.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
South Dakota.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Tennessee.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Texas.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Vermont.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Virginia.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Washington.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
West Virginia.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Wisconsin.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855
Wyoming.....	2	2	2	2	2	1,040	2	1,172	1	720	7	4	4	4	28	32	409	446	855

1 Teach in senior high school also.

2 Division as to sex estimated.

TABLE 72.—Summary of items relating to health, recreation, transportation, truant officers, and junior high schools, 1917-18—Continued.  
GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION—Continued.

State.	Health and recreation.										Transportation of pupils.			Junior high schools.						
	School physicians.		School nurses.		Promotion of health.		Recreation.		City school systems report- ing.		Amount expended.		Num- ber of truant officers employed.	City school systems report- ing.	Num- ber of junior high schools.	Teachers.			Enrollment.	
	City school systems report- ing.	Num- ber of school physi- cians.	City school systems report- ing.	Num- ber of school nurses.	City school systems report- ing.	Amount expended.	City school systems report- ing.	Amount expended.	City school systems report- ing.	Amount expended.	Men.	Wo- men.				Total.	Boys.	Girls.	Total.	
1	2	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
New York.....	11	12	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	1	25	1	20	2	1,533	28	10	10	10	87	106	1,550	1,967	3,247	
North Dakota.....	2	2	8	8	5	1,459	2	540	1	188	3	3	3	3	21	24	301	389	690	
Ohio.....	14	20	1	1	1	158	1	82	1	149	42	13	13	11	78	89	1,369	1,577	2,946	
Oregon.....	5	5	3	3	5	2,300	1	350	4	6,301	10	1	1	1	6	6	123	120	243	
Rhode Island.....	2	2	2	2	1	367	1	102	1	2	2	1	1	1	4	5	94	104	198	
South Carolina.....	1	1	1	1	1	150	1	82	1	188	3	3	3	3	21	24	301	389	690	
South Dakota.....	1	1	1	1	1	9,646	7	857	2	149	42	13	13	11	78	89	1,369	1,577	2,946	
Tennessee.....	1	1	2	2	3	1,445	1	325	3	7,268	6	2	2	2	9	10	128	144	272	
Texas.....	1	1	2	2	3	1,445	1	325	3	7,268	6	2	2	2	9	10	128	144	272	
Utah.....	1	1	2	2	3	1,445	1	325	3	7,268	6	2	2	2	9	10	128	144	272	
Vermont.....	1	1	2	2	3	1,445	1	325	3	7,268	6	2	2	2	9	10	128	144	272	
Virginia.....	1	1	2	2	3	1,445	1	325	3	7,268	6	2	2	2	9	10	128	144	272	
Washington.....	1	1	2	2	3	1,445	1	325	3	7,268	6	2	2	2	9	10	128	144	272	
West Virginia.....	1	1	2	2	3	1,445	1	325	3	7,268	6	2	2	2	9	10	128	144	272	
Wisconsin.....	3	3	5	5	6	3,863	2	1,159	5	1,958	8	2	2	1	10	11	155	179	334	
Wyoming.....	1	1	1	1	1	507	1	507	1	1,235	1	2	2	0	10	10	124	157	281	



GROUP V.—CITIES, TOWNS, AND VILLAGES OF 2,500 TO 5,000 POPULATION.

	109	129	71	75	212	\$69,126	75	\$8,656	130	\$183,420	278	70	70	64	394	428	5,376	3,087	11,343
United States.....	5	5	2	2	1	150			1	910	3								
Alabama.....						100			1	150									
Arizona.....						220													
Arkansas.....						1,741	7	551	11	11,432	7								
California.....	1	1	1	1	2	160													
Colorado.....																			
Connecticut.....	4	6	1	1	2	166			10	19,331	7	1	1	1	3	4	56	64	110
Delaware.....																			
District of Columbia.....																			
Florida.....	1	1			1	60	1	100	1	3,405									
Georgia.....																			
Idaho.....	5	5	1	1	2	1,200			3	2,439									
Illinois.....	1	1	7	8	13	2,275	6	728	3	1,226	10	2	2	0	5	5	74	76	150
Indiana.....	1	1			3	772	2	150	2	1,128	16	1	1	2	7	9	135	90	226
Iowa.....	2	2	1	1	4	862	2	150	2	1,128	10	1	1	2	3	4	41	49	90
Kansas.....	2	2	3	3	5	863	2	100	4	450	12	7	7	4	29	33	344	422	766
Kentucky.....																			
Louisiana.....																			
Maine.....	22	26	8	8	29	7,639	1	150	13	15,967	4	1	1	0	3	3	44	46	90
Maryland.....																			
Massachusetts.....																			
Michigan.....	4	5	8	11	5	2,370	2	85	2	3,009	19	7	7	20	74	94	1,097	1,068	2,075
Minnesota.....																			
Mississippi.....																			
Missouri.....																			
Montana.....																			
Nebraska.....	1	1			1	125													
Nevada.....																			
New Hampshire.....	2	4	1	1	1	432			3	2,448	2	2	2	3	12	15	138	63	191
New Jersey.....	14	15	3	3	13	6,180	7	1,865	9	9,449	13	2	2	0	11	11	183	119	262
New Mexico.....																			
New York.....	20	20	8	8	64	22,766	24	4,843	7	2,295	27	8	8	2	36	38	460	576	1,036
North Carolina.....																			
North Dakota.....	1	1			1	44			1	886	2	1	1	1	9	10	104	130	234
Ohio.....	2	2	4	4	6	5,863	2	253	2	430	17	3	3	2	9	11	180	202	362
Oklahoma.....																			
Oregon.....	2	2	1	1	2	180	1	350	1	405	3	3	3	3	20	23	338	402	74
Pennsylvania.....	14	14	1	1	8	1,057	6	968	2	695	32	5	5	3	18	21	333	329	662
Rhode Island.....																			
South Carolina.....																			
South Dakota.....																			

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.		City school sys-tems report-ing.		Num-ber of truant officers em-ployed.	Num-ber of junior high schools.	Teachers.		Enrollment.		
	Num-ber of school phys-icians report-ing.	City 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.	City school sys-tems report-ing.	Amount ex-pended.	City school sys-tems report-ing.	Amount ex-pended.	Men.			Women.	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			2	\$25	3	\$725	2	\$2,627									
Texas.....					1	405			2	900									
Utah.....																			
Vermont.....																			
Virginia.....																			
Washington.....	1	1			2	950	1	1,000	1	300									
West Virginia.....	2	2	6	6	10	3,780			2	865	11	5	5	6	20	28	271	315	586
Wisconsin.....																			
Wyoming.....																			

TABLE 73.—Combined summary of statistics of public evening schools for the five 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.	Boys.	Girls.	Boys.	Girls.
United States..	518	7,133	6,220	2,348	376	7,721	8,868	217,906	283,383	74,094	9,923	318,224	267,179	\$1,025,870	\$1,331,317	\$374,211	\$13,262,483	\$16,827	18	18	18
Alabama.....	2	11	4	14	1	19	7	245	267	8	8	260	160	450	450	450	2,121	2,121	18	18	18
Arizona.....	5	4	4	18	5	8	14	172	677	267	8	445	404	450	450	450	3,713	3,713	18	18	18
Arkansas.....	22	286	670	3	6	450	515	18,047	45,947	124	85	30,558	33,645	130,639	268,613	10,513	392,153	392,153	18	18	18
California.....	4	11	6	44	6	36	30	333	135	2,322	228	1,685	1,324	675	10,513	1,185	13,066	13,066	18	18	18
Colorado.....	23	273	122	53	14	178	294	7,724	2,749	1,222	213	8,021	3,887	1,697	18,385	723	75,538	75,538	18	18	18
Connecticut.....	1	2	2	3	0	3	3	65	32	33	32	4,262	4,306	24,322	18,385	4,500	42,617	42,617	18	18	18
Delaware.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	18	18
District of Columbia.....	3	41	11	11	11	23	2	1,204	619	11	113	12,368	8,922	24,167	104,859	4,577	5,316	5,316	18	18	18
Florida.....	3	41	11	11	11	23	2	1,204	619	11	113	12,368	8,922	24,167	104,859	4,577	5,316	5,316	18	18	18
Georgia.....	3	41	11	11	11	23	2	1,204	619	11	113	12,368	8,922	24,167	104,859	4,577	5,316	5,316	18	18	18
Illinois.....	19	458	708	196	0	684	682	14,284	28,570	23	188	21,802	17,772	118,700	120,563	781	240,044	240,044	18	18	18
Indiana.....	25	181	106	195	58	270	270	6,850	3,511	5,661	870	9,087	7,801	118,700	1,320	130	61,628	61,628	18	18	18
Iowa.....	12	88	75	11	14	91	94	1,684	1,805	457	224	2,085	2,053	118,700	204	1,178	14,287	14,287	18	18	18
Kansas.....	5	53	18	6	6	46	31	2,106	790	157	1,331	1,332	1,332	118,700	1,178	9,917	9,917	18	18	18	
Kentucky.....	2	25	31	7	7	12	20	685	132	132	132	507	320	1,200	1,200	6,778	6,778	18	18	18	
Louisiana.....	3	78	75	31	34	75	75	2,879	936	503	2,606	1,206	2,225	1,200	1,386	4,236	4,236	18	18	18	
Maine.....	8	73	20	20	60	60	77	997	260	503	1,042	718	3,052	3,052	1,386	17,977	17,977	18	18	18	
Maryland.....	2	68	26	22	4	61	27	2,543	2,241	2,241	116	2,447	2,453	9,126	8,927	18,053	18,053	18	18	18	
Massachusetts.....	78	1,161	644	228	5	688	1,345	25,473	19,851	5,380	307	27,750	23,160	144,775	119,684	42,017	306,476	306,476	18	18	18
Michigan.....	30	131	94	67	6	408	385	2,978	2,332	1,064	167	15,022	11,431	11,549	500	4,577	172,192	172,192	18	18	18
Minnesota.....	10	128	43	19	17	123	140	3,512	751	2,683	231	3,600	3,077	11,549	500	4,577	36,238	36,238	18	18	18
Mississippi.....	2	108	365	20	5	268	27	5,340	15,543	438	113	12,368	8,922	24,167	104,859	4,577	5,316	5,316	18	18	18
Montana.....	3	6	6	20	5	3	9	207	207	207	113	123	197	24,167	104,859	4,577	128,998	128,998	18	18	18

\* Includes 520 teachers reported in total only. \* Includes 20,108 pupils reported in total only. \* Includes \$972,167 reported in total only. \* 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.				
		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	
Massachusetts	4	66	48	.....	.....	62	62	1,663	1,716	.....	.....	1,645	1,734	\$3,508	\$11,180	.....	.....	\$21,688	
Nebraska	8	48	37	.....	.....	44	61	1,076	431	.....	.....	916	591	591	.....	.....	.....	7,727	
New Hampshire	29	420	367	109	73	478	491	13,967	12,931	3,570	1,903	18,411	13,800	53,519	53,979	\$46,768	\$676	222,350	
New Jersey	1	3	3	.....	.....	4	2	107	130	.....	.....	139	107	241	334	.....	.....	874	
New Mexico	45	1,908	1,247	548	25	1,875	1,853	56,606	62,960	19,726	392	77,120	76,574	396,187	559,796	211,821	594	1,158,398	
North Carolina	3	19	9	.....	.....	9	10	730	.....	.....	.....	357	373	1,446	.....	.....	.....	1,446	
North Dakota	3	9	.....	.....	.....	5	7	352	.....	42	.....	419	275	1,779	.....	214	.....	1,953	
Ohio	20	227	382	47	14	353	317	10,886	10,169	1,969	491	14,571	8,964	1,779	2,471	.....	.....	154,104	
Oklahoma	2	1	23	6	.....	16	13	40	700	435	.....	486	689	.....	.....	.....	.....	4,597	
Oregon	4	22	71	37	.....	59	71	961	4,054	1,958	.....	3,419	3,554	5,352	18,461	9,398	.....	33,555	
Pennsylvania	41	378	467	255	26	532	581	11,263	21,236	8,013	584	22,214	19,599	13,669	20,097	2,731	1,810	247,628	
Rhode Island	12	226	151	13	2	121	251	4,556	3,396	502	272	5,495	3,181	1,380	2,097	.....	.....	45,949	
South Carolina	4	5	.....	.....	.....	10	27	810	.....	20	.....	512	318	.....	.....	.....	.....	3,072	
South Dakota	4	2	6	8	.....	11	4	44	51	71	.....	71	95	.....	42	.....	.....	42	
Tennessee	2	5	10	14	.....	9	10	80	.....	.....	257	205	132	.....	.....	.....	.....	1,697	
Texas	6	150	17	4	.....	88	83	5,552	1,363	166	.....	3,793	3,318	.....	.....	397	.....	29,715	
Utah	1	10	.....	.....	.....	2	3	315	170	.....	.....	200	85	1,775	.....	.....	.....	1,716	
Vermont	1	9	.....	.....	.....	2	7	.....	.....	.....	.....	38	91	.....	1,000	.....	.....	1,000	
Virginia	7	92	30	39	6	77	90	3,265	1,122	1,914	247	3,100	3,538	16,976	6,099	4,911	634	33,507	
Washington	12	66	252	28	17	216	147	2,162	11,144	2,649	1,311	9,488	778	5,002	1,288	1,850	2,875	64,091	
West Virginia	6	29	13	13	20	37	38	572	197	731	685	778	407	47,659	13,192	37,699	.....	11,015	
Wisconsin	28	94	64	488	15	334	327	3,057	2,169	11,526	244	7,566	450	.....	.....	.....	.....	98,550	
Wyoming	2	7	.....	7	.....	6	9	38	.....	170	.....	92	16	375	.....	1,363	.....	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	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
United States	49	4,232	4,268	1,063	142	4,957	5,283	146,379	201,717	41,276	3,892	227,681	185,475	\$655,015	\$1,134,919	\$277,045	\$1,832	\$2,576,807
Alabama	1	11		13	1	18	7	245		234	8	327	160					1,671
Arizona																		
Arkansas																		
California	3	214	340	41	6	263	327	15,649	27,731	2,322	85	22,368	21,067	111,845	174,612	( <sup>1</sup> )	( <sup>1</sup> )	286,457
Colorado	1	6				23	23	232			36	1,520	1,090	1,563		10,512	522	12,028
Connecticut	2	65	40	37	5	66	81	2,747	1,138	925	69	3,471	1,468					19,948
Delaware																		
Dist. Columbia	1	79	99		19	72	115	2,208	5,748		812	4,262	4,906	24,322	18,296		( <sup>1</sup> )	42,617
Florida																		
Georgia	1	35				15	20	967				484	483					5,000
Idaho																		
Illinois	1	395	658			443	611	13,079	24,146			21,044	16,221	113,499	113,499			228,998
Indiana	1	32	37	61		69	57	1,083	984	1,174		1,599	1,642					20,442
Iowa																		
Kansas																		
Kentucky	1	21		7		12	16	633		132		465	300					5,578
Louisiana	1	74	31			32	73	2,524	956			2,664	1,196					4,011
Maine																		
Michigan	1	48	36			81	24	2,410	2,241		116	2,373	2,394	8,419	8,927		( <sup>1</sup> )	17,346
Maryland	1	285	281	83	5	303	459	10,252	10,676	2,061	397	12,182	11,154	73,562	64,964		( <sup>1</sup> )	152,268
Massachusetts	5	385	281	83	5	303	459	10,252	10,676	2,061	397	12,182	11,154	73,562	64,964		( <sup>1</sup> )	152,268

<sup>1</sup> This column and the column following include 495 teachers in Michigan not reported by sex below.  
<sup>2</sup> This column and the column following include 19 892 pupils in Michigan not reported by sex below.  
<sup>3</sup> Includes estimates for cities reporting night schools but not reporting the expenditure therefor; also includes \$608,056 reported in total only.  
<sup>4</sup> Included in preceding columns.  
<sup>5</sup> Division as to sex, estimated.  
<sup>6</sup> 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.	Men.	Women.	Total.	Elementary.	Secondary (high).	Vocational.	Other schools.	Boys.	Girls.	Total.	Elementary.	Secondary (high).	Vocational.	Other schools.	Total.
1	2	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
Michigan	2	12	14	47	4	261	234	432	188	2,392	96	11,625	8,267	11,625				\$143,745			
Minnesota	2	12	14	47	4	39	38	432	188	2,392	96	1,196	1,912	1,196				10,222			
Mississippi	2	38	365	20		286	227	5,340	15,542	438		12,398	8,922	\$21,167	(*)			128,996			
Missouri																					
Montana	1	29	48			36	41	714	1,716			1,289	1,141	6,568	11,180					17,778	
Nebraska																					
Nevada																					
New Hampshire	3	237	247	86	37	317	290	9,085	9,214	2,924	528	12,164	9,567	53,319	53,979	546,768	8678	184,942			
New Mexico																					
New York	5	1,670	1,608	397	16	1,609	1,482	51,565	56,483	16,330	242	68,898	55,812	360,320	530,449	189,061	(*)	1,079,880			
North Carolina																					
North Dakota	4	185	347	38	5	268	287	10,212	9,636	1,665	272	13,310	8,375							145,279	
Ohio																					
Oklahoma																					
Oregon	1	19	67	37		55	68	856	3,994	1,958		3,339	3,469	5,352	18,461	9,389				33,202	
Pennsylvania	3	261	319	166	18	333	431	7,430	16,281	6,472	362	17,369	13,156	8,366	16,323	2,731	(*)			197,146	
Rhode Island	1	82	86	9	1	63	96	1,821	1,776	382	214	2,613	1,980								
South Carolina																					
South Dakota																					
Tennessee	2	5			14	9	10	80			257	265	132								1,907
Texas																					
Utah																					
Vermont	1	60	24	38	2	53	71	2,146	974	1,867	58	1,920	3,075	15,794	6,009	4,851	634			27,268	
Virginia																					
Washington	2	39	213		4	156	100	1,513	10,250		430	6,800	5,393								53,097
West Virginia																					
Wisconsin	1	83	63			51	95	2,786	2,173			1,966	2,993	47,659	13,192						69,851
Wyoming																					

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

	108	1,651	1,092	508	107	71,469	1,886	44,087	36,919	16,726	3,285	\$54,105	47,105	\$108,476	\$117,866	\$39,794	\$2,473	\$512,856	
United States.....	108	1,651	1,092	508	107	71,469	1,886	44,087	36,919	16,726	3,285	\$54,105	47,105	\$108,476	\$117,866	\$39,794	\$2,473	\$512,856	
Alabama.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Arizona.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Arkansas.....	4	34	124	1	70	88	2,014	8,124	183	63	3,983	6,155	16,546	46,131	663	62,677	663	62,677	663
California.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Colorado.....	4	121	72	13	9	67	148	3,008	1,045	266	144	2,918	1,545	4,314	17,641	30,984	53,428	39,785	4,500
Connecticut.....	1	3	3	3	0	0	3	65	3	33	32	33	33	33	33	33	33	33	33
Delaware.....	2	11	11	11	3	8	283	218	65	5,316	218	65	5,316	218	65	5,316	218	65	5,316
Dist. Columbia.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Florida.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Georgia.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
I Idaho.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Illinois.....	6	42	34	43	36	40	898	1,137	1,137	2,601	540	1,313	722	4,169	5,157	9,326	9,326	9,326	9,326
Indiana.....	4	18	18	18	44	95	1,229	1,229	1,229	2,601	540	1,313	722	4,169	5,157	9,326	9,326	9,326	9,326
Iowa.....	4	18	18	18	44	95	1,229	1,229	1,229	2,601	540	1,313	722	4,169	5,157	9,326	9,326	9,326	9,326
Kansas.....	3	13	13	13	65	70	1,397	1,397	1,397	467	212	1,407	1,496	1,496	1,496	1,496	1,496	1,496	1,496
Kentucky.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Louisiana.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maine.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maryland.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Massachusetts.....	17	467	243	119	275	554	10,248	6,525	2,798	11,545	8,078	45,783	41,662	24,929	112,374	18,324	11,546	11,546	11,546
Michigan.....	8	76	68	5	73	76	1,997	1,596	64	1,830	1,827	1,301	1,040	11,549	11,549	11,549	11,549	11,549	11,549
Minnesota.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mississippi.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Missouri.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Montana.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Nebraska.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Nevada.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Hampshire.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Jersey.....	1	108	81	13	23	97	3,012	2,578	377	982	4,213	2,738	2,738	2,738	2,738	2,738	2,738	2,738	2,738
New Mexico.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New York.....	11	160	156	119	194	231	3,413	4,457	2,474	6,030	4,314	14,813	17,641	30,984	53,428	370	2,133	2,471	2,471
North Carolina.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
North Dakota.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ohio.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Oklahoma.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

\* 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 \$224,267 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.				Total.		
		Elementary.	Secondary (high).	Vocational.	Other schools.	Total.	Elementary.	Secondary (high).	Vocational.	Other schools.	Total.	Elementary.	Secondary (high).	Vocational.	Other schools.			
																	Men.	Women.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Oregon.....	12	73	100	41	2	133	90	2,600	4,379	935	106	3,413	4,820	86,156	\$1,574	1,810	\$34,366	
Pennsylvania.....	2	75	31	4	1	34	77	1,394	857	120	58	3,675	854	1,230	1,230	1,810	10,539	
Rhode Island.....	1	6	6	1	1	2	5	161	20	20	41	1,402	1,402	1,402	1,402	1,402	1,402	
South Carolina.....	1	6	6	1	1	2	5	161	20	20	41	1,402	1,402	1,402	1,402	1,402	1,402	
South Dakota.....	1	6	6	1	1	2	5	161	20	20	41	1,402	1,402	1,402	1,402	1,402	1,402	
Tennessee.....	5	150	17	1	1	85	83	5,552	1,393	105	189	3,732	3,318	1,775	1,775	1,775	28,628	
Texas.....	1	10	10	1	1	7	3	315	288	105	189	220	95	1,775	1,775	1,775	1,775	
Utah.....	1	10	10	1	1	7	3	315	288	105	189	220	95	1,775	1,775	1,775	1,775	
Virginia.....	2	15	15	1	1	13	12	703	288	105	189	893	357	1,775	1,775	1,775	4,977	
Washington.....	1	10	6	28	10	27	27	373	166	2,649	841	2,191	1,838	1,230	1,230	1,810	8,334	
West Virginia.....	2	10	12	13	13	12	13	177	177	731	364	1,364	1,364	1,230	1,230	1,810	3,380	
Wisconsin.....	3	10	12	13	13	12	13	177	177	731	364	1,364	1,364	1,230	1,230	1,810	3,380	
Wyoming.....	1	10	12	13	13	12	13	177	177	731	364	1,364	1,364	1,230	1,230	1,810	3,380	

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

United States.....	181	835	633	543	89	926	1,174	19,974	19,663	12,527	2,029	27,702	26,491	\$44,183	\$65,490	\$34,866	\$8,627	192,263,581
Alabama.....	1	1	1	1	1	1	0	32	32	124	32	0	450	450	450	450	450	450
Arizona.....	1	1	1	1	1	1	0	32	32	124	32	0	450	450	450	450	450	450
Arkansas.....	1	1	1	1	1	1	0	32	32	124	32	0	450	450	450	450	450	450
California.....	9	8	176	3	3	98	89	384	9,044	124	124	3,713	5,839	2,248	42,302	42,302	42,302	44,550
Colorado.....	1	1	1	1	1	2	3	135	135	135	135	35	100	675	675	675	675	675
Connecticut.....	12	70	50	3	3	42	51	1,727	566	31	31	1,492	832	1,492	1,492	1,492	1,492	14,128
Delaware.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
District of Columbia.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Florida.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	2	6	11	8	9	217	228	281	215	3,150	722	3,572
Georgia	1	1	1	1	0	25	138	351	245	840	581	2,623
Idaho	1	1	1	1	0	144	294	4,846	3,312	1,207	1,366	31,335
Illinois	1	1	1	1	0	17	183	625	258	0	651	2,412
Indiana	1	1	1	1	0	0	0	98	0	0	0	651
Iowa	1	1	1	1	0	0	0	0	0	0	0	0
Kansas	1	1	1	1	0	0	0	0	0	0	0	0
Kentucky	1	1	1	1	0	25	65	25	0	225	1,366	722
Louisiana	1	1	1	1	0	0	0	452	308	3,052	1,366	4,418
Maine	1	1	1	1	0	28	65	74	59	707	1,366	4,418
Maryland	1	1	1	1	0	3	132	2,948	2,812	19,491	3,308	32,160
Massachusetts	1	1	1	1	0	235	364	0	0	0	0	0
Michigan	1	1	1	1	0	0	0	0	0	0	0	0
Minnesota	1	1	1	1	0	50	640	952	831	500	60	7,582
Mississippi	1	1	1	1	0	16	48	252	100	500	60	5,137
Missouri	1	1	1	1	0	0	0	0	0	0	0	0
Montana	1	1	1	1	0	0	0	0	0	0	0	0
Nebraska	1	1	1	1	0	0	0	0	0	0	0	0
Nevada	1	1	1	1	0	0	0	0	0	0	0	0
New Hampshire	1	1	1	1	0	24	119	514	228	0	0	4,229
New Jersey	1	1	1	1	0	57	1,067	1,543	1,101	334	0	21,865
New Mexico	1	1	1	1	0	2	130	130	107	241	0	575
New York	1	1	1	1	0	119	872	2,082	2,290	9,265	1,676	22,846
North Carolina	1	1	1	1	0	5	10	133	248	11,111	594	1,078
North Dakota	1	1	1	1	0	2	379	80	228	1,078	0	1,199
Ohio	1	1	1	1	0	22	275	617	433	1,199	0	6,663
Oklahoma	1	1	1	1	0	8	40	200	337	0	0	2,128
Oregon	1	1	1	1	0	0	0	0	0	0	0	0
Rhode Island	1	1	1	1	0	45	849	992	1,317	0	0	13,101
South Carolina	1	1	1	1	0	18	780	897	474	0	0	5,264
South Dakota	1	1	1	1	0	0	0	216	130	700	42	5,790
Tennessee	1	1	1	1	0	0	27	12	15	0	0	42
Texas	1	1	1	1	0	0	0	0	0	0	0	0
Utah	1	1	1	1	0	7	129	38	91	1,000	0	1,000
Virginia	1	1	1	1	0	3	313	286	18	644	0	1,000
Washington	1	1	1	1	0	8	108	40	321	0	0	2,660
West Virginia	1	1	1	1	0	20	473	300	321	0	0	3,570
Wisconsin	1	1	1	1	0	16	136	685	513	695	2,875	25,678
Wyoming	1	1	1	1	0	171	128	3,091	3,652	0	0	1,363
Total	1	1	1	1	0	6	170	70	130	0	0	0

\* Included in preceding column.  
 \*\* Includes estimates for cities reporting night schools but not reporting the expenditure therefor; also includes \$109,415 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 systems reporting.	Teachers.						Enrollment.						Expenses of instruction.				Total.		
		Elementary.		Secondary (high).		Total.		Elementary.		Secondary (high).		Total.		Elementary.		Secondary (high).			Total.	
		Men.	Women.	Men.	Women.	Boys.	Girls.	Men.	Women.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.		Boys.	Girls.
United States	118	315	171	171	25	284	398	5,585	4,033	2,893	500	6,324	6,207	\$15,965	\$10,471	\$1,692	\$330	14,877	897	
Alabama																				
Arizona	4	3	18	14	7	14	140	677				413	604						3,263	
Arkansas																				
California	4	25				15	10	822				381	441						4,566	
Colorado																				
Connecticut	4	16				2	14	228				133	95						1,607	
Delaware																				
Dist. Columbia																				
Florida																				
Georgia																				
I Idaho	3	2	5		2	3	6	27	63			40	71						1,092	
Illinois	7	26	14		2	23	19	662	189			46	374						2,180	
Indiana	2	7				1	6	60				26	15						130	
Iowa	1					3	2					39	33						527	
Kansas																				
Kentucky	1	4				0	4	63				42	20						1,200	
Louisiana	1	3				3	30	10				20	10						0	
Maine	4	19	6	20		17	28	168	64	438		404	256						5,559	
Maryland																				
Massachusetts	22	75	31	5		28	83	1,091	724	57		879	993						8,738	
Michigan	6	16	2	20	1	22	17	249	50			319	306						2,931	
Minnesota	6	28	22	15		30	35	586	372	135		678	430						8,330	
Mississippi	1	3				1	2	28				28	0						200	
Montana																				



TABLE 74.—Summary of statistics of public evening schools, 1917-18—Continued.  
GROUP V.—CITIES, TOWNS, AND VILLAGES OF 2,500 TO 5,000 POPULATION.

State.	City school systems reporting.	Teachers.						Enrollment.						Expenses of instruction.						
		Elementary.		Vocational.		Other schools.		Elementary.		Vocational.		Other schools.		Elementary.		Vocational.		Other schools.		
		Men.	Women.	Men.	Women.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
1	2	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
United States.	62	100	46	43	13	85	117	1,883	1,031	672	237	1,922	1,901	\$2,231	\$1,571	\$824	13,855,628	450	90	
Alabama.	1	1	1	1	1	1	0	33	33	0	0	0	0	0	0	0	0	0	0	
Arizona.	1	1	1	1	1	1	0	113	113	0	0	0	0	0	0	0	0	0	0	
Arkansas.	2	5	5	5	0	81	0	226	226	0	0	0	0	0	0	0	0	0	0	
California.	1	5	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Colorado.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Connecticut.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Delaware.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
District of Columbia.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Florida.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Georgia.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Idaho.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Illinois.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Indiana.	2	7	7	7	0	111	0	111	111	0	0	0	0	0	0	0	0	0	0	
Iowa.	1	3	3	3	1	83	1	83	83	0	0	0	0	0	0	0	0	0	0	
Kansas.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Kentucky.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Louisiana.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Maine.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Maryland.	1	1	1	1	0	14	0	14	14	0	0	0	0	0	0	0	0	0	0	
Massachusetts.	4	13	3	3	3	13	13	306	66	66	66	197	175	711	235	946	1,000	1,000	1,000	
Michigan.	6	6	4	4	3	6	8	221	99	61	70	281	170	46	46	46	46	46	46	46
Minnesota.	4	12	1	1	12	13	141	22	108	108	108	113	123	137	137	137	137	137	137	137
Missouri.	3	6	6	6	5	2	9	207	113	123	137	137	137	137	137	137	137	137	137	137
Montana.	3	6	6	6	5	2	9	207	113	123	137	137	137	137	137	137	137	137	137	137



TABLE 75.—Combined 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.	Subventions and grants from States.	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.....	12,401	\$203,871	\$45,176,921	\$16,228,128	\$846,028	\$43,130,352	\$260,111,259	\$38,076,320	\$1,149,380	\$10,845,710	\$421,767,979
Alabama.....	28	568	130,169	637,702	398,054	398,697	128,269	171,186	1,702,685	1,158,798	1,158,798
Arizona.....	10	200	58,041	291,204	18,508	70,580	620,014	100,000	201,201	1,639,540	1,639,540
Arkansas.....	28	2,855	80,077	291,204	508,138	559,968	1,190,732	284,206	1,283	16,890	1,639,540
California.....	99	800	3,716,254	5,227,940	508,138	559,968	8,598,565	363,925	2,000	583,192	19,533,402
Colorado.....	29	2,246	483,324	784,261	29,263	29,263	3,018,961	266,317	1,899	200,690	4,738,971
Connecticut.....	74	19,607	480,428	65,638	2,108	5,285,606	2,647,146	605,745	3,834	701,466	9,801,578
Delaware.....	4	11,604	2,049,657	133,900	15,896	2,049,657	495,848	103,614	221	8,337	515,807
District of Columbia.....	1	70,130	592,733	133,900	15,896	1,074,358	1,098,846	103,614	221	59,654	1,574,386
Florida.....	43	3,348	165,939	274,186	11,881	9,300	1,010,330	25,000	1,790	146,104	2,871,301
Georgia.....	12	8,470	2,253,430	779,082	28,774	9,300	2,491,877	103,614	100	72,639	1,291,646
Illinois.....	146	11,462	1,773,688	779,082	6,468	21,125	6,704,798	1,538,788	30,879	2,131,064	34,601,986
Indiana.....	70	7,128	248,879	116,461	2,485	1,200	4,265,386	414,404	63,149	10,012	10,861,168
Iowa.....	53	815	213,446	217,886	.....	.....	1,200	414,404	4,842	146,115	5,284,684
Kansas.....	40	2,483	719,628	7,104	1,386	131,338	1,651,672	998,798	4,518	140,154	3,597,981
Kentucky.....	26	4,730	381,433	1,274,577	4,000	102,708	1,620,370	157,368	1,051	49,718	3,594,933
Louisiana.....	35	9,334	926,199	182,483	2,314	477,949	498,410	784,462	5,121	42,151	1,997,458
Maine.....	15	10,608	202,661	15,753	2,900	15,234,171	41,735,773	784,462	31,080	435,423	26,450,571
Maryland.....	131	2,470	3,080,808	36,061	4,744	3,630,941	8,100,229	4,317,876	23,431	941,785	20,638,365
Massachusetts.....	48	2,310	1,171,792	382,732	28,927	1,133,642	6,296,599	1,718,224	13,715	372,806	11,146,647
Michigan.....	20	2,788	1,636,184	112,410	1,900	118,644	9,338,415	352,654	22,933	69,840	11,902,844
Minnesota.....	62	2,788	1,636,184	112,410	1,900	118,644	9,338,415	352,654	22,933	69,840	11,902,844
Missouri.....	14	700	145,219	18,300	6,761	2,350	2,701,311	264,000	801	245,246	3,366,397
Montana.....	25	549	84,066	18,300	3,481	372,684	412,083	32,000	268	96,626	1,486,205
Nebraska.....	26	3,340	7,754,534	317,265	12,553	1,867,377	8,001,721	2,025,441	6,293	729,693	21,354,767
Nevada.....	91	171,098	171,098	105,072	12,553	1,867,377	8,001,721	2,025,441	6,293	729,693	21,354,767
New Hampshire.....	10	.....	.....	105,072	12,553	1,867,377	8,001,721	2,025,441	6,293	729,693	21,354,767
New Jersey.....	10	.....	.....	105,072	12,553	1,867,377	8,001,721	2,025,441	6,293	729,693	21,354,767
New Mexico.....	10	.....	.....	105,072	12,553	1,867,377	8,001,721	2,025,441	6,293	729,693	21,354,767

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New York	150	394	4,149,425	3,137	266,172	59,722,125	2,543,625	40,173	1,195,691	67,947,140
North Carolina	30	150	177,361	314,366	94,933	465,052	389,800	3,952	118,551	1,851,077
Ohio	134	27,459	1,457,659	390,635	72,116	22,514,725	6,285,490	19,432	1,385,772	854,161
Oklahoma	46	8,360	1,259,022	129,484	3,565	2,869,729	626,513	4,482	386,070	4,322,887
Oregon	17	485	145,856	587,541	9,707	2,576,114	61,027	643	112,575	3,483,928
Pennsylvania	258	40,448	5,071,515	26,324	4,439	29,704,197	4,757,117	499,309	2,406,036	40,480,116
Rhode Island	26	3,642	171,503	19,235	3,341,187	298,671	66,504	441	72,390	3,866,538
South Carolina	26	14,346	14,346	19,235	1,000	781,913	131,003	2,151	96,545	948,906
South Dakota	13	131,448	131,448	19,235	1,000	964,224	150,701	2,151	96,545	1,345,069
Tennessee	27	780	142,104	870,847	333,633	968,349	37,385	119	57,138	2,410,625
Texas	90	1,672	2,106,412	57,696	244,789	4,025,265	1,276,875	3,200	427,405	8,140,135
Vermont	16	1,740	752,363	181	1,911	1,080,540	214,963	15,068	44,451	2,740,994
Virginia	32	1,400	392,268	181	219,730	810,193	469,404	450	68,113	1,626,732
Washington	27	3,476	1,516,249	1,425,424	1,764,063	417,026	179,708	141	102,060	2,870,487
West Virginia	25	2,014	184,159	987,307	8,563	3,684,046	977,000	33,441	158,263	7,807,367
Wisconsin	74	11,858	1,243,927	987,307	3,536,733	2,313,888	87,128	13,033	149,199	2,749,901
Wyoming	7	349	140,226	41,344	6,427	2,479,117	1,231,015	48,931	471,297	10,041,410
						210,687	3,140	418	5,265	403,919

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	\$6,435,848	\$214,580	\$24,251,627	\$129,491,273	\$10,279,333	\$570,147	\$4,693,794	\$194,604,965
Alabama	1			453,647		145,759				73,572	672,918
Arizona	1										
Arkansas	3		2,030,866	2,054,528	178,638	90,855	6,141,713			241,539	10,744,139
California	1	1,783	127,658	646,911			1,255,060		737	41,907	2,074,686
Colorado	3	12,176	2,600			2,109,337	64,134			44,918	2,233,165
Connecticut	1		2,949,637			2,049,637				100,384	4,199,668
District of Columbia	1	923	126,273			792,314					921,512
Florida	1										
Georgia	1										
Idaho	1		1,498,968				17,187,112	1,440,000	42,139	1,456,313	22,022,854
Illinois	1		335,349	8,346			1,763,369			143,378	2,232,883
Indiana	1										
Iowa	1										
Kansas	1										
Kentucky	1	2,463	284,067				839,837		3,937	34,333	1,183,657
Louisiana	1	4,290	285,202	1,142,673		1,866	1,285,002			22,325	2,741,378
Maine	1										
Massachusetts	5	6,814	83,610			9,665,969	2,384,166		18,612	4,260	2,472,042
Michigan	2		124,139				1,899,805			67,972	11,792,211
Minnesota	2		1,319,089			3,745,278	1,002,140	2,092,444	14,214	345,176	8,519,341
Mississippi	2		557,636	119,194		1,150,896	2,901,254	771,844	747	75,947	6,477,496
Missouri	2		686,076				7,157,781	472,713	7,994	305,224	8,641,788
Montana	1		99,347				1,204,995		801	171,931	1,447,074
Nebraska	1										
Nevada	1										
New Hampshire	1										
New Jersey	1										
New Mexico	1										
New York	1										
North Carolina	1										
North Dakota	1										
Ohio	1										
Oklahoma	1										
Oregon	1										
Pennsylvania	1										
Rhode Island	1										
South Carolina	1										
South Dakota	1										
Tennessee	1										
Texas	1										
Vermont	1										
Virginia	1										
Washington	1										
West Virginia	1										
Wisconsin	1										
Wyoming	1										



State	No. of cities	Total enrollment	Total enrollment per city	Total enrollment per 100,000 population	Total enrollment per 100,000 population	Total enrollment per 100,000 population	Total enrollment per 100,000 population	Total enrollment per 100,000 population	Total enrollment per 100,000 population	Total enrollment per 100,000 population	Total enrollment per 100,000 population	Total enrollment per 100,000 population
New Hampshire	3	3,131,028	3,129	1,915,787	610,831	119	33,006	1,241,076	39,945	2,025	79,363	6,545,199
New Jersey	5	2,860,795	568,159	14,537,911	2,810,969	5,742	117,003	4,867,505	1,154,070	23,954	253,677	52,865,973
New Mexico	5	848,712	169,742	1,596,091	319,218	297,092	21,613	1,745,757	2,589,313	161,375	529,522	17,080,300
New York	1	90,064	90,064	3,129	3,129	639	48,236	2,396,861				
North Carolina	1	927,360	927,360	14,537,911	14,537,911	297,092	404,065	16,156,458				
Ohio	1	3,842	3,842	1,596,091	1,596,091	297,092	21,613	1,745,757				
Oklahoma	2	62,000	31,000	528,520	264,260	119	33,006	1,241,076				
Oregon	1	107,537	107,537	822,455	822,455	17,985	860,951					
Pennsylvania	2	300	150	800,028	400,014	1,980,000	74,504	3,709,341				
Rhode Island	1	2,674	2,674	107,537	107,537	822,455	17,985	860,951				
South Carolina	1	300	300	800,028	400,014	1,980,000	74,504	3,709,341				
South Dakota	1	44,104	44,104	400,723	400,723	1,980,000	74,504	3,709,341				
Tennessee	1	1141	1141	88,320,395	88,320,395	\$7,023,052	\$43,434,091	\$9,890,403	\$431,948	\$2,710,296	\$73,922,838	
Texas	2	160	80	62,554	31,277	57,300	28,650	10,220	200,908	8,361	369,703	
Utah	1	378	378	424,828	424,828	251,356	428,448	999,020	428,448	7,554	456,370	
Vermont	1	3,187	3,187	112,664	112,664	683,867	1,465,464	311,309	1,465,464	3,389	316,490	
Virginia	1	308	308	65,190	65,190	712,079	441,168	103,014	712,079	221	4,941	
Washington	1	265,411	265,411	5,054	5,054	15,936	568,868	826,707	23,063	129,391	4,161,763	
West Virginia	1	367,580	367,580	18,136	18,136	7,239	1,721,643	230,170	1,721,643	82,907	2,469,928	
Wisconsin	1	37	37	71,419	71,419	1,200	2,905,476	28,477	54,403	60,721	3,121,733	
Wyoming	1	31,373	31,373	31,373	31,373	1,786,565	1,786,565	28,477	54,403	60,721	3,121,733	

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

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.	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.
1	2	3	4	5	6	7	8	9	10	11	12
Kentucky.....	3		\$164,966			\$67,497	\$274,961	\$23,485		\$15,719	\$1,120,638
Louisiana.....	1		167,186				26,681				183,867
Massachusetts.....	17	\$2,063	22,560	\$5,001		3,129,286	3,984,208	459,182	\$11,881	116,656	7,630,857
Michigan.....	8		546,685	5,307		155,994	1,939,274	527,092	5,000	1,504	3,307,866
Minnesota.....	1		55,975	3,473			845,838	250,000	14,852		1,170,829
Mississippi.....	3		89,372	1,790			862,160		37	52,733	1,019,193
Montana.....	1		321,315				685,464			8,629	995,408
Nebraska.....	1		13,052				491,719			1,120	595,891
Nevada.....	1		5,391				233,000			2,221	300,604
New Hampshire.....	10		2,169,918			1,385,261	1,490,383	1,075,272	1,084	135,613	6,266,541
New Jersey.....	12	394	382,780			194,846	4,245,524	642,569	6,076	71,483	5,543,782
New Mexico.....	1		54,242				82,073	100,000		3,658	240,573
New York.....	4	874	112,585				2,847,968	1,421,543		303,437	4,687,969
North Carolina.....	1	60	30,525	32,963			138,723			15,732	735,543
Ohio.....	15	13,883	591,472	2,897	8,729	1,000	5,107,566	2,710,349	180,185	650,931	9,268,662
Oklahoma.....	2		24,400	500	1,000	588	17,777		441	8,203	640,403
Oregon.....	1					1,000	151,684				154,564
Pennsylvania.....	2		(1)	176,555		298,471	177,144			1,811	654,011
Rhode Island.....	6	1,065	929,395	9,481		225,400	1,851,420	480,000	1,500	179,291	3,617,791
South Carolina.....	1		367,404				1,037,241		11,029	6,650	1,423,328
South Dakota.....	3		100,088		16,148	389,085	144,421	72,531	141	5,542	734,959
Tennessee.....											
Texas.....											
Utah.....											
Vermont.....											
Virginia.....											

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

State	No. of cities	Population	Value of property	Value of school property	Value of school equipment	Value of school buildings	Value of school furniture	Value of school books	Value of school supplies	Value of school transportation	Value of school maintenance	Value of school salaries	Value of school other expenses	Total value	Total expenses
Washington	1	199,399	\$4,274,835	\$422,050	\$15,753,491	\$8,224,784	\$86,047	\$3,357,827	\$66,484,746	13,151	578,188	39,834	1,288,213	20,988	1,288,213
West Virginia	2	2,014	182,442	152,442	467,029	53,095	1,091	13,151	245,161	37,028	377,450	3,141	638,668	29,888	638,668
Wisconsin	4	169,837	136,000	329,500	178,475	4,283	31,834	3,425,822	24,011	467,467	283,579	2,417,807	304,243	2,417,807	
Wyoming	3	30,424	1,215,098	1,786	695,612	111,974	445	283,579	2,417,807	283,579	2,417,807	304,243	2,417,807		
United States	423	\$7,592,190	\$4,274,835	\$422,050	\$15,753,491	\$8,224,784	\$86,047	\$3,357,827	\$66,484,746	13,151	578,188	39,834	1,288,213	20,988	1,288,213
Alabama	4	10,000	13,347	36,492	37,028	40,000	40,000	7,634	245,161	37,028	377,450	3,141	638,668	29,888	638,668
Arizona	2	40,768	174,727	174,727	386,119	228,650	4,283	31,834	3,425,822	24,011	467,467	283,579	2,417,807		
Arkansas	4	57,375	1,249,781	329,500	383,652	178,475	4,283	31,834	3,425,822	24,011	467,467	283,579	2,417,807		
California	14	644,492	1,249,781	329,500	383,652	178,475	4,283	31,834	3,425,822	24,011	467,467	283,579	2,417,807		
Colorado	3	30,424	1,215,098	1,786	695,612	111,974	445	283,579	2,417,807	283,579	2,417,807	304,243	2,417,807		
Connecticut	16	159,463	1,786	1,786	695,612	111,974	445	283,579	2,417,807	283,579	2,417,807	304,243	2,417,807		
Delaware	1	40,000	160,000	160,000	166,205	166,205	12,275	45,189	465,368	4,107,003	3,792,846	2,588,953	1,214,837		
District of Columbia	2	66,846	83,800	83,800	160,000	166,205	12,275	45,189	465,368	4,107,003	3,792,846	2,588,953	1,214,837		
Florida	5	36,674	101,546	16,718	2,097,701	166,094	22,829	848	77,125	39,354	23,463	278,893	596,435		
Georgia	1	181,741	2,977	85	1,700,895	116,000	121	23,463	278,893	596,435	4,465,868	272,312	4,465,868		
Idaho	2	4,768	107,618	2,314	117,620	87,388	4,287	4,287	272,312	272,312	272,312	272,312			
Illinois	11	38,388	86,695	869	133,817	165,000	510	67,673	226,489	31,282	1,040,520	777,160	2,009,903		
Iowa	9	35,886	1,769	1,675,863	2,869,733	165,000	510	67,673	226,489	31,282	1,040,520	777,160	2,009,903		
Kansas	4	88,018	107,618	2,314	117,620	87,388	4,287	4,287	272,312	272,312	272,312	272,312			
Kentucky	5	55,517	1,769	1,675,863	2,869,733	165,000	510	67,673	226,489	31,282	1,040,520	777,160	2,009,903		
Louisiana	6	297,946	86,695	869	133,817	165,000	510	67,673	226,489	31,282	1,040,520	777,160	2,009,903		
Maine	3	4,800	1,769	1,675,863	2,869,733	165,000	510	67,673	226,489	31,282	1,040,520	777,160	2,009,903		
Maryland	3	10,150	1,769	1,675,863	2,869,733	165,000	510	67,673	226,489	31,282	1,040,520	777,160	2,009,903		
Massachusetts	32	503,556	7,358	50,771	1,712,274	177,650	273	226,489	31,282	1,040,520	777,160	2,009,903			
Michigan	16	88,617	45,484	50,771	1,712,274	177,650	273	226,489	31,282	1,040,520	777,160	2,009,903			
Minnesota	5	75,464	4,113	50,771	1,712,274	177,650	273	226,489	31,282	1,040,520	777,160	2,009,903			
Mississippi	5	46,119	5,366	1,248	271,424	43,941	7,842	67,015	450,903	4,744	1,099,565	119,529			
Missouri	5	112,238	215,650	1,696	507,568	125,000	171	4,744	1,099,565	119,529	90,544	638,668			
Montana	1	6,978	18,300	3,691	44,638	32,000	626	51,110	638,668	4,199,639	179,394	179,394			
Nebraska	7	10,750	89,885	12,472	262,482	47,000	371	175,966	4,199,639	179,394	179,394				
Nevada	1	1,463,379	181,631	54,212	34,212	41,500	1,751	432,045	5,133,747	46,550	46,550				
New Hampshire	2	394,665	2,804	93,226	3,739,760	464,811	6,466	432,045	5,133,747	46,550	46,550				
New Jersey	21	5,791	194,748	62,288	261,461	138,054	3,727	46,550	46,550						
New Mexico	1	(1)	181,631	54,212	34,212	41,500	1,751	432,045	5,133,747	46,550	46,550				
New York	38	394,665	2,804	93,226	3,739,760	464,811	6,466	432,045	5,133,747	46,550	46,550				
North Carolina	6	5,791	194,748	62,288	261,461	138,054	3,727	46,550	46,550						

\* Estimates are included for 33 city school systems not reporting.

† Included in column 5.

‡ Estimated.



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.	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.	
	1	2	3	4	5	6	7	8	9	10	11	12
North Dakota.	2	\$150	\$86,280	\$19,224	\$271,036	\$271,036	\$271,036	\$30,000			\$6,797	\$405,463
Ohio.	26	663	248,977	287,170	3,168,522	3,168,522	3,168,522	1,739,917	\$12,388		196,023	5,054,789
Oklahoma.	7	200	98,068	30,543	919,462	40,368	919,462	433,255	2,072		39,439	1,563,377
Oregon.	1		8,000	28,409	78,998	78,998	78,998	1,132,950			11,380	126,767
Pennsylvania.	45	10,675	569,370	13,332	3,869,268	2,465	3,869,268	15,000	10,292		467,961	6,106,323
Rhode Island.	6		41,040		715,660		715,660				29,030	6,814,872
South Carolina.	3		1,714		218,445		218,445				5,038	223,197
South Dakota.	2		48,969		333,021		333,021		1,334		10,114	390,068
Tennessee.	1		10,249	15,032	729,286	25,124	729,286	718,875	1,700		3,710	52,115
Texas.	14	537	469,397	15,960	144,227	19,180	144,227	190,475			79,621	2,034,556
Utah.	1		113,854		214,964		214,964				11,129	459,665
Vermont.	3		8,199		368,335		368,335	103,174			23,639	246,702
Virginia.	6		95,376								7,539	599,424
Washington.	5	1,300	269,067	240,540	518,436		518,436		437		6,219	1,018,993
West Virginia.	4		27,363		31,722		31,722		703		30,777	100,167
Wisconsin.	13	3,995	341,016	246,835	674,768	872,416	674,768	224,408	5,210		211,407	2,680,632
Wyoming.	1	349	29,611	18,300	44,638		44,638				628	93,544

GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.

States.	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.	
	1	2	3	4	5	6	7	8	9	10	11	12
United States.	627	\$32,708	\$5,199,240	\$1,914,299	\$71,064	\$2,806,481	\$25,094,837	\$4,280,512	\$91,389	\$2,568,640	\$12,059,190	
Alabama.	6		22,370	24,418		32,187	27,236	1,399		32,481	140,121	
Arizona.	5	200	5,000	71,812		70,560	478,793				626,865	
Arkansas.	4	850	30,211		431	109,583	246,094			718	141,803	
California.	10		280,838	456,772		60,523	493,171	185,206		8,423	1,052,750	
Colorado.	7	463	131,234						1,162	43,867	825,106	
Connecticut.	19	4,244	95,382		372	403,636	435,948	105,854		61,370	1,139,800	
District of Columbia.												

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Florida	5	32,900	119,479	150,000	25,000	5,000
Georgia	14	105,418	11,881	113,918	18,520	187,900
Idaho	4	13,290	15,083	203,724	100	442,335
Illinois	41	11,783	1,081	1,703	1,703	334,853
Indiana	26	274,242	1,161	583,793	63,265	2,286,384
Iowa	9	13,711	231,545	488,134	42,786	1,236,864
Kansas	13	124,331	161,842	611,303	25,000	1,536,076
Kentucky	12	106,124	64,441	182,126	236,773	983,783
Louisiana	5	30,000	35,000	70,000	460	621,731
Maine	16	261,141	183,331	149,255	30,112	170,000
Maryland	4	41,117	583,661	2,213,024	100,300	925,672
Massachusetts	49	7,527	49,424	1,085,802	182,000	1,442,645
Michigan	23	350,601	27,973	1,232,160	192,500	3,119,040
Minnesota	16	21,783	2,746	184,381	66,000	1,822,137
Mississippi	10	16,980	1,600	686,379	93,000	2,116,671
Missouri	17	104,702	1,633	110,322	83,000	346,822
Montana	3	28,465	1,271	532,353	226,500	978,811
Nebraska	9	29,462	1,984	90,471	415,160	289,157
Nevada	6	8,311	99,297	1,012,877	127,400	832,928
New Hampshire	22	624,209	16,490	30,301	17,400	268,600
New Jersey	2	31,625	1,162,164	1,162,164	51,147	2,318,056
New Mexico	2	160,963	117,250	183,312	30,000	2,212,356
New York	24	3,123	8,191	3,649,726	61,027	1,552,216
North Carolina	12	2,199	348	2,170,136	734,653	533,693
North Dakota	3	166,010	8,191	3,964,474	1,000	2,608,129
Ohio	43	45,399	700	272,256	61,027	3,372,339
Oklahoma	6	22,762	6,578	3,649,726	526,800	50,699,754
Oregon	5	526,426	3,439	263,426	7,500	26,783
Pennsylvania	82	48,414	1,080	263,426	7,500	600,893
Rhode Island	9	48,414	404	363,463	150,701	5,063,683
South Carolina	9	51,549	404	363,463	150,701	341,854
South Dakota	4	17,528	70,100	75,786	3,601	234,630
Tennessee	5	329,050	6,355	784,410	100,000	634,838
Texas	19	80,339	1,811	214,665	3,000	107,703
Utah	2	13,101	151	136,785	95,000	1,323,881
Vermont	6	36,500	4,965	110,502	51,221	223,362
Virginia	7	93,345	88,211	642,973	51,221	288,726
Washington	4	33,060	868	470,033	5,640	322,397
West Virginia	6	137,836	254,208	110,502	95,000	3,454
Wisconsin	13	89,322	23,044	470,033	51,221	17,175
Wyoming	3	89,322	23,044	61,661	5,640	706,128
						1,079,033
						187,428

\* Estimated. \* Estimates are included for 78 city school systems not reporting. \* Largely 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.	City school systems.	From the United States for vocational education.	Subven- tions from State.	Subven- tions and grants from county.	Subven- tions and grants from other civil divisions.	Appropri- ations from 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. &	1,162	\$48,565	\$5,120,743	\$2,040,228	\$87,130	\$1,746,766	\$28,337,567	\$5,402,228	\$97,839	\$3,485,163	\$44,306,237	
Alabama	15	428	35,285	46,280	18,508	54,110	12,805	76,650		49,198	174,722	
Arizona	2	3,333	7,323	44,665	18,508		86,208	55,386		5,453	154,913	
Arkansas	10	1,697	32,180	577,164	70	23,138	297,202	100,400	2,000	42,714	522,539	
California	438	400	80,808	37,970	29,283		576,015	111,111		66,719	1,500,900	
Colorado	10										901,801	
Connecticut	32		110,320	368		843,674	5,968	10,008		72,103	1,049,070	
Delaware	3		11,604				51,678			8,357	71,639	
District of Columbia	13		32,060	159,900			64,767			49,713	300,440	
Florida	22		85,348			106,765	141,239			36,374	371,726	
Georgia	7											
Idaho	7		15,975	157,577			296,064			18,759	471,425	
Illinois	66		120,760	25,817	2,165	9,830	1,768,145	17,045	1,065	105,920	2,023,892	
Indiana	27	4,418	682,045	34,052		730	1,603,116	962,559	7,202	199,473	1,110,879	
Iowa	43	6,941	56,861	56,044			1,530,783	273,404	3,034	191,096	2,783,522	
Kansas	28	84	21,856				875,212			38,578	1,268,212	
Kentucky	20		78,653	7,104	1,306		187,157	63,830		34,832	372,972	
Louisiana	15		40,714	24,296			182,757			27,392	245,160	
Maine	32	6,924	209,926	67,228	590	86,800	262,524		370	8,753	575,236	
Maryland	7		41,160	3,401	1,701	156,402	17,241			6,219	126,438	
Massachusetts	48		36,260	3,401	1,701	156,402	1,178,983		87	32,453	1,414,596	
Michigan	30	1,470	340,867	16,305	196	245	2,390,679	1,538,090	635	100,072	4,356,421	
Minnesota	24	627	265,561	2,802	654		845,303	203,360	785	23,817	1,341,128	
Mississippi	11		14,680	4,783		3,448	214,483			41,548	278,962	
Missouri	35	2,368	97,985	77,259	2,111	23,621	657,783	119,048	102	123,268	984,350	
Montana	5		51,981	86,431			150,966		4,762	1,219	416,327	
Nebraska	13		28,292		5,490	305	111,002	37,520	800	27,143	160,975	
Nevada	3	200	54,453							4,063	171,247	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918:

New Hampshire.....	12	779	9,213	35,325	1,217	290,100	31,000	384	32,772	343,439
New Jersey.....	35	.....	110,002	3,111	18,343	522,574	.....	.....	170,059	1,522,352
New Mexico.....	7	.....	112,353	.....	.....	372,718	.....	.....	381	118,653
New York.....	71	.....	312,200	333	32,613	2,020,300	231,024	2,328	283,241	2,849,423
North Carolina.....	20	.....	31,203	2,943	.....	205,174	.....	.....	31,387	342,102
North Dakota.....	3	.....	101,171	1,200	.....	1,092,070	300,570	1,911	31,397	320,539
Ohio.....	61	2,502	105,472	11,080	.....	1,092,070	300,570	17,215	194,145	2,294,088
Oklahoma.....	32	7,940	45,030	60,500	3,565	1,055,070	27,278	1,410	290,200	1,561,213
Oregon.....	10	.....	25,020	109,209	.....	309,073	387,023	13,371	28,171	489,476
Pennsylvania.....	113	5,100	67,152	3,600	6,420	2,099,731	.....	.....	850,770	3,883,190
Rhode Island.....	7	.....	20,843	.....	7,51,094	152,335	.....	.....	2,781	120,652
South Carolina.....	12	.....	7,253	.....	.....	152,335	.....	.....	118,085	277,605
South Dakota.....	7	.....	30,900	.....	.....	325,200	.....	.....	57,988	414,143
Tennessee.....	17	.....	58,327	74,610	12,338	98,588	37,385	.....	14,410	295,658
Texas.....	31	.....	378,600	261,700	.....	661,179	.....	.....	97,428	1,163,907
Utah.....	12	1,640	190,392	.....	.....	119,751	357	2,850	19,211	634,239
Vermont.....	23	1,000	37,968	.....	.....	645,528	404,104	.....	23,104	1,094,304
Virginia.....	15	.....	49,846	.....	51,050	135,559	.....	.....	65,190	302,756
Washington.....	13	1,876	171,410	154,424	.....	279,110	33,103	1,202	17,776	626,158
West Virginia.....	13	.....	18,430	108,850	6,242	348,272	101,383	32,551	29,412	321,179
Wisconsin.....	28	3,172	152,014	.....	.....	265,151	.....	.....	97,817	1,397,179
Wyoming.....	3	.....	21,283	.....	.....	99,308	.....	.....	2,266	1,122,647

\* Estimated.

† Estimates are included for 580 school systems not reporting.

TABLE 77.—Expenditure per capita for pupils in average attendance in city schools.

States.	Group I.		Group II.		Group III.		Group IV.		Group V.		Total.	
	1915-16	1917-18	1915-16	1917-18	1915-16	1917-18	1915-16	1917-18	1915-16	1917-18	1915-16	1917-18
	2	3	4	5	6	7	8	9	10	11	12	13
United States.....	\$31.28	\$55.53	\$41.46	\$47.88	\$37.68	\$44.81	\$33.61	51	\$41.57	\$44.60	\$49.41	
Alabama.....	26.20	30.04	21.20	28.33	23.91	21.17	21.47	43	27.38	23.98	27.40	
Arizona.....	.....	.....	.....	.....	44.07	43.30	54.81	60.05	54.57	52.44	53.63	
Arkansas.....	.....	.....	27.02	24.06	26.65	32.58	16.05	29.35	20.74	24.44	23.83	
California.....	67.40	67.03	71.83	81.16	56.85	62.25	64.37	69.79	64.12	65.98	66.55	
Colorado.....	51.67	60.53	53.32	51.37	41.14	58.10	47.78	54.23	47.74	52.39	55.75	
Connecticut.....	35.71	43.11	44.30	53.30	38.68	47.77	31.02	37.77	42.82	38.61	45.84	
Delaware.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
District of Columbia.....	49.12	60.79	.....	38.37	.....	.....	.....	.....	.....	.....	39.60	
Florida.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Georgia.....	31.80	31.45	21.38	25.14	28.77	25.73	19.08	51.03	34.07	18.62	29.40	
Idaho.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Illinois.....	49.42	52.18	44.64	52.41	58.77	81.83	48.91	44.08	62.09	51.81	58.52	
Indiana.....	53.26	61.60	47.91	52.40	38.10	43.53	29.80	35.77	44.78	41.36	46.36	
Iowa.....	.....	.....	51.44	59.82	38.70	43.44	37.78	39.70	34.77	42.86	48.51	
Kansas.....	.....	.....	42.57	46.58	33.53	41.58	32.64	39.40	45.23	46.21	50.04	
Kentucky.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Louisiana.....	39.21	45.89	34.03	38.74	29.67	33.92	27.58	29.33	46.41	36.52	39.83	
Maine.....	32.65	40.74	22.26	26.55	21.77	26.28	24.22	24.86	20.67	18.18	34.96	
Maryland.....	34.09	38.57	37.37	30.85	36.75	39.04	30.50	40.23	36.82	34.07	37.48	
Massachusetts.....	54.70	58.95	44.23	52.65	50.56	26.51	24.03	31.37	30.54	34.65	36.37	
Michigan.....	.....	.....	.....	.....	37.65	48.24	38.63	46.39	48.38	46.22	52.97	
Minnesota.....	48.27	55.78	41.88	48.23	40.01	51.83	38.03	46.08	52.51	43.85	52.18	
Mississippi.....	33.42	38.66	39.54	53.12	50.99	62.03	51.45	68.17	61.81	51.34	60.52	
Missouri.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Montana.....	52.21	59.76	32.70	34.07	28.91	34.18	22.07	20.32	29.64	21.97	31.42	
Nebraska.....	.....	.....	58.19	103.09	71.19	75.51	23.71	31.59	58.03	43.75	48.73	
Nevada.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Hampshire.....	52.13	61.16	50.46	46.28	36.14	45.52	37.14	45.18	44.02	47.08	52.12	
New Jersey.....	.....	.....	.....	.....	33.83	60.59	.....	.....	58.00	33.83	59.26	
New York.....	47.90	56.68	34.97	46.37	39.42	60.32	36.71	41.96	65.36	37.10	50.79	
North Carolina.....	.....	.....	49.56	53.67	52.02	61.77	47.98	58.89	48.38	46.23	56.03	
North Dakota.....	.....	.....	.....	.....	46.39	57.80	24.02	43.92	51.04	31.06	49.83	



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New York	53.31	45.59	38.48	47.55	34.08	53.90	45.53	64.02	55.78	32.46	65.74	49.50	53.31	57.55
North Carolina	20.37	21.15	18.28	26.06	24.09	22.18	17.56	64.02	55.78	32.46	65.74	49.50	53.31	57.55
North Dakota	47.00	48.45	45.78	57.92	47.78	47.78	47.78	64.02	55.78	32.46	65.74	49.50	53.31	57.55
Ohio	43.27	41.03	32.89	42.20	36.27	43.78	40.39	58.52	49.50	53.31	57.55	43.27	47.00	48.45
Oklahoma	28.10	30.72	23.32	39.73	28.17	37.00	31.13	58.52	49.50	53.31	57.55	28.10	20.37	21.15
Oregon	58.95	49.42	49.28	55.83	58.52	52.64	54.89	68.92	61.05	64.02	65.74	58.95	53.31	57.55
Pennsylvania	36.89	34.46	29.22	38.09	32.14	42.64	34.89	58.52	49.50	53.31	57.55	36.89	47.00	48.45
Rhode Island	40.53	38.20	30.70	40.40	38.40	51.75	42.86	50.77	48.91	45.01	43.74	40.53	43.27	41.03
South Carolina	21.31	22.04	13.60	20.92	13.73	26.66	28.50	50.58	43.74	31.50	31.50	21.31	20.37	21.15
South Dakota	54.83	61.23	51.55	67.28	58.41	58.41	58.41	68.92	61.05	64.02	65.74	54.83	53.31	57.55
Tennessee	28.07	21.47	18.44	20.45	18.77	26.83	25.43	43.26	32.46	32.46	32.46	28.07	20.37	21.15
Texas	32.80	31.92	27.43	32.40	25.96	42.19	37.45	64.02	55.78	32.46	65.74	32.80	47.00	48.45
Utah	41.92	36.15	30.57	46.35	30.57	56.19	48.51	64.02	55.78	32.46	65.74	41.92	43.27	41.03
Vermont	38.71	52.75	45.17	40.82	33.61	45.17	40.82	64.02	55.78	32.46	65.74	38.71	47.00	48.45
Virginia	22.48	30.39	17.87	27.41	21.11	25.47	16.46	43.26	31.50	31.50	31.50	22.48	20.37	21.15
Washington	50.88	44.74	40.39	55.52	50.51	64.76	52.71	64.02	62.02	62.02	62.02	50.88	53.31	57.55
West Virginia	34.46	38.92	38.72	38.26	34.84	47.45	38.96	64.02	62.02	62.02	62.02	34.46	47.00	48.45
Wisconsin	45.40	48.96	39.41	49.17	37.37	47.88	41.77	57.73	55.18	55.18	55.18	45.40	43.27	41.03
Wyoming	40.90	54.78	53.70	67.51	50.86	50.86	50.86	64.02	62.02	62.02	62.02	40.90	53.31	57.55

† Does not include capital outlays or expense of debt service.  
 ‡ 25,000 to 100,000 population.  
 § 10,000 to 25,000 population.  
 ¶ 30,000 to 100,000 population.  
 †† 10,000 to 30,000 population.  
 ††† Largely estimated.



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.	Expenses of instruction.										Expenses of operation.				Fixed charges, pensions, rents, taxes, etc.	Total current expenses.	Outlay, capital, acquisition, and construction.	Expenses of debt service.
	General control.					Day schools.					Night schools.	Wages of janitors and other employees.	Fuel, water, light, power, janitors' supplies, etc.	Maintenance, repairs, replacement of equipment, etc.				
	Business.	Educational.	Salaries and expenses of supervisors.	Salaries and expenses of principals.	Salaries of teachers.	Text-books, stationery, supplies, and other expenses of instruction.	Text-books, stationery, supplies, and other expenses of instruction.	Salaries of teachers.	Salaries of teachers.	Salaries of teachers.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
U. S.	34,022,788	59,516,605	\$1,089,647	\$21,501,359	\$296,085,137	\$13,854,547	163,710,431	\$21,511,829	\$21,309,779	\$15,358,385	\$3,842,114	\$3,844,641	\$331,018,175	\$61,489,536	735,590,356			
Ala.	12,482	67,684	22,316	108,228	941,083	29,471	2,340	71,891	67,068	120,718	22,088	17,098	1,481,285	62,898	197,679			
Ark.	17,054	39,226	17,007	38,673	533,973	32,744	2,875	45,147	54,374	120,546	5,401	27,519	1,841,350	98,400	187,648			
Calif.	299,846	60,585	19,386	79,989	693,754	18,385	401,927	830,867	467,125	640,024	358,104	146,896	17,201,570	483,762	1,872,694			
Conn.	115,325	101,599	107,072	277,080	2,398,974	151,872	14,829	233,728	243,580	187,683	24,734	59,507	3,881,621	407,882	1,238,657			
Del.	82,449	173,245	246,964	418,214	1,721,735	416,359	76,927	490,696	638,977	473,374	305,215	667,356	8,118,404	1,265,371	513,261			
Ill.	5,158	16,064	.....	.....	325,825	27,451	.....	85,256	6,246	7,754	.....	3,281	477,055	48,403	30,312			
Iowa	17,009	27,297	35,209	112,980	1,923,458	185,690	42,617	188,430	136,895	176,032	54,028	14,494	2,904,615	279,256	524,037			
Mo.	22,492	37,000	17,675	91,468	786,742	9,376	5,316	41,607	47,499	60,992	23,241	14,704	1,158,413	216,150	352,032			
N. C.	11,825	124,212	16,215	173,641	1,806,525	71,822	3,872	98,912	190,500	80,962	15,249	35,385	2,588,017	386,612	469,383			
N. D.	12,897	37,085	11,177	38,977	489,699	49,411	.....	61,812	184,184	52,739	29,583	9,275	975,969	164,717	131,180			
Ohio	456,228	295,848	223,820	1,578,067	18,194,164	619,241	239,413	2,128,734	1,943,661	1,318,683	280,285	306,098	26,232,407	5,273,825	1,143,991			
Pa.	86,123	208,823	148,546	352,842	3,892,379	217,707	19,917	132,959	172,854	281,812	327,269	188,253	9,128,858	1,691,327	844,978			
Tenn.	77,614	149,800	66,122	270,680	2,234,342	139,789	9,913	484,678	282,122	280,301	58,836	78,964	5,882,841	1,111,353	468,799			
Va.	57,023	102,300	52,412	223,929	1,567,529	71,121	8,778	198,146	169,667	102,581	8,574	11,133	2,561,662	529,623	111,650			
W. Va.	107,122	36,600	7,370	178,567	1,448,784	55,229	4,236	64,309	64,309	69,229	11,843	9,723	2,086,430	91,040	33,858			
Wyo.	8,980	81,161	66,335	77,580	1,250,978	134,939	13,366	135,732	239,029	91,177	72,551	23,042	2,194,784	73,003	41,502			
Total	29,799	59,500	17,354	214,750	1,920,253	118,184	18,053	188,317	157,829	20,392	2,549	13,743	2,798,734	27,436	13,894			
Total	307,440	643,119	168,653	1,138,235	15,005,783	1,223,373	306,191	1,607,085	1,349,817	1,211,372	776,576	203,797	27,318,012	3,070,076	2,780,008			

Mich.	205,936	372,083	759,773	7,980,918	1,079,007	1,138,579	530,382	218,715	111,903	13,333,907	5,785,024	1,656,913
Minn.	164,718	253,324	413,211	1,839,294	693,923	717,413	390,278	211,992	122,412	8,288,363	1,974,716	1,170,737
Miss.	2,746	56,546	47,303	651,182	309,857	431,117	30,179	6,211	10,346	9,911,310	427,114	84,565
Mo.	217,213	133,099	593,637	5,717,592	662,036	637,141	-80,779	241,278	9,050,603	1,616,443	845,200	
Mont.	31,057	71,980	92,952	1,076,202	184,143	144,868	94,347	16,549	1,901,248	391,475	131,074	
Nebr.	66,980	54,076	192,213	7,097,225	194,038	201,557	149,404	30,725	98,404	2,085,904	1,122,181	396,493
N.H.	2,987	13,509	98,800	807,229	108,505	129,521	55,470	-9,210	7,859	205,314	28,000	10,000
N.J.	38,419	371,090	1,148,353	10,968,472	1,008,150	1,035,354	771,003	393,584	96,232	17,337,549	3,402,740	2,272,602
N. Mex.	7,188	19,168	45,072	309,148	29,337	38,553	30,421	7,274	7,736	179,549,465	179,405	70,063
N.Y.	877,247	390,815	5,013,367	40,183,968	2,977,420	2,497,375	1,039,389	1,296,956	383,199	60,416,704	4,224,632	3,215,710
N.C.	16,031	10,300	64,371	17,826	75,649	48,076	48,076	11,770	20,704	1,332,514	402,366	252,668
N. Dak.	15,211	28,196	21,608	378,574	40,168	9,521	23,498	5,710	15,694	687,017	183,256	43,704
Ohio	612,037	605,946	1,229,249	13,546,325	153,640	1,744,245	1,117,102	435,321	337,107	22,959,192	7,278,065	3,888,400
Ore.	15,197	56,657	214,629	1,646,689	4,597	157,840	85,953	24,322	33,919	2,066,704	901,563	639,613
Ore.	108,869	66,971	182,394	1,946,188	184,327	174,821	103,145	12,232	21,884	2,839,378	627,455	298,774
Pa.	969,031	425,281	1,735,461	17,342,008	2,168,733	1,764,972	1,390,935	629,119	456,404	29,960,247	5,103,564	6,312,072
R.I.	44,608	60,543	115,843	1,929,656	290,913	249,379	223,740	101,866	11,007	3,262,048	371,522	280,134
S. Dak.	5,006	8,543	46,134	375,354	3,022	47,411	47,411	12,197	3,581	896,348	309,247	242,564
S. Dak.	16,661	31,309	44,282	473,148	62,219	111,818	64,481	7,197	3,581	896,348	309,247	242,564
Tenn.	25,207	61,973	172,644	1,401,396	37,277	37,277	161,313	11,369	40,201	2,127,041	528,363	161,660
Texas	69,400	261,079	486,837	4,263,091	29,015	336,530	268,018	92,095	78,790	6,261,776	1,535,725	816,465
Utah	46,139	47,233	140,349	1,170,134	108,746	97,009	762,833	15,860	13,436	2,009,664	417,631	139,120
Va.	5,836	33,706	48,322	1,570,064	68,643	126,385	166,870	55,189	11,584	1,103,610	411,680	71,569
Va.	20,443	30,360	1,710,097	1,710,097	33,352	126,439	93,029	30,869	19,017	2,489,708	534,899	80,918
Wash.	114,468	124,294	371,772	3,320,629	300,400	397,017	238,238	196,573	34,489	5,759,123	1,283,351	783,916
W. Va.	23,704	57,186	175,810	1,066,248	118,340	111,905	55,964	50,394	36,474	1,842,770	477,663	266,867
Wis.	77,226	156,013	466,075	4,433,408	467,350	792,358	437,739	149,644	944,557	7,794,765	1,664,345	978,030
Wyo.	4,922	14,166	28,308	236,161	26,271	26,271	34,320	4,271	0,212	424,544	16,860	10,674

\* 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.				Fixed charges, pensions, etc.	Total current expenses.	Outlay, capital, acquisition, and construction.	Expenses of debt service.
	Business.	Educational.	Day schools.				Text-books, stationery, supplies, and other expenses of instruction.	Night schools.	Wages of janitors, and other employees.	Fuel, water, light, power, janitors, supplies, etc.	Maintenance, repairs, replacement of equipment, etc.	Expenses of printing, etc.					
			Salaries and expenses of supervisors.	Salaries of principals.	Salaries of teachers.	Salaries of other employees.							9				
U. S.	83,289,760	83,282,778	\$1,309,000	\$11,381,168	\$105,162,281	\$6,065,630	\$2,870,437	\$9,963,532	\$7,712,673	\$6,780,067	\$1,425,383	\$3,253,568	\$1,425,383	\$162,666,467	\$22,067,498	\$11,681,946	
Ala.	5,810	9,450	11,961	44,396	433,361	14,639	1,071	41,793	27,153	41,704	8,721	839,849	8,721	639,849	33,070	135,713	
Calif.	214,794	121,800	138,138	651,947	6,328,479	254,483	296,457	476,063	281,901	284,656	59,813	489,142	59,813	9,283,545	798,784	968,809	
Conn.	68,713	28,287	16,624	121,540	1,225,177	68,735	12,028	89,549	96,975	78,937	35,033	12,967	35,033	1,855,155	257,727	968,809	
Del.	37,008	19,873	68,075	128,680	1,106,004	106,974	19,948	123,716	136,098	108,603	7,753	27,919	7,753	1,983,951	52,873	30,291	
D. C.	17,000	27,267	35,290	112,566	1,825,438	185,900	42,017	186,430	136,865	166,032	14,494	54,028	14,494	2,904,615	279,256	584,037	
Fla.	23,025	23,025	11,400	632,330	12,974	29,212	27,672	29,392	16,100	802,305	101,018	16,100	802,305	101,018	101,018	101,018	
Ill.	415,633	252,774	47,915	1,049,472	10,874,000	340,319	226,998	1,416,982	1,124,143	789,872	191,131	191,131	191,131	18,910,480	3,862,918	71,970	
Ind.	86,946	31,684	67,096	96,991	1,118,402	87,268	20,443	120,626	117,106	101,356	84,283	209,278	84,283	2,084,869	388,243	106,756	
Iowa	36,669	13,800	29,011	87,029	652,867	44,116	5,578	94,064	63,832	53,549	2,824	2,824	2,824	1,081,332	43,676	43,676	
Kent.	80,222	31,084	116,122	1,029,439	67,835	61,800	4,011	67,835	46,819	32,631	7,473	7,473	7,473	1,471,436	11,491	11,491	
Mass.	18,842	48,185	7,778	1,620,760	85,960	85,960	17,678	165,054	124,447	30,845	11,585	11,585	11,585	2,297,092	11,491	11,491	
Miss.	229,604	180,994	121,667	6,068,637	429,216	429,216	1,667,637	615,261	321,264	451,959	238,708	238,708	238,708	9,652,704	1,096,056	1,122,262	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mich.	70,436	108,256	69,750	410,416	3,683,125	170,409	145,755	611,764	290,019	134,238	21,075	10,615	5,611,440	2,372,107	613,455
Ill.	64,245	79,225	43,194	255,049	2,782,867	134,413	10,222	248,598	296,911	261,519	70,719	50,825	1,338,734	640,894	719,406
Ind.	106,312	120,743	97,210	447,820	4,199,261	285,786	128,966	474,925	426,457	427,918	245,230	51,753	7,497,419	1,230,197	471,686
Mass.	42,553	18,015	18,535	116,162	891,951	75,076	17,778	104,113	106,834	46,078	22,170	65,726	1,594,991	544,799	231,689
N. H.	110,345	112,946	71,396	416,911	4,012,516	281,988	164,942	383,026	285,734	194,586	145,927	22,161	6,192,358	1,474,927	691,891
N. J.	500,637	1,271,638	111,778	4,404,725	33,246,277	1,766,599	1,079,830	2,265,234	1,480,000	1,467,496	942,077	165,960	48,792,281	2,657,553	775,700
N. C.	467,188	369,668	41,660	671,197	7,267,024	561,848	145,279	782,712	816,654	630,805	241,641	189,915	12,105,491	2,963,027	1,527,353
N. Dak.	28,772	19,395	19,395	128,524	1,383,940	44,409	33,202	122,535	108,814	69,526	6,148	12,552	2,051,335	360,815	82,446
Ohio	369,573	385,071	18,188	1,022,264	8,599,565	705,343	197,146	1,006,209	694,207	722,834	364,483	209,136	14,263,302	1,917,321	2,236,864
Ore.	25,378	25,076	25,483	32,312	331,490	60,191	27,620	117,638	110,086	100,782	26,254	1,653	1,493,948	46,004	196,460
S. Dak.	17,844	17,833	21,467	46,723	625,094	27,632	477	66,154	47,076	135,582	6,417	19,862	1,227,900	345,213	135,562
Tenn.	12,179	12,179	18,220	58,757	661,961	27,177	27,288	48,470	44,372	26,367	14,811	5,754	674,448	66,502	194
Tex.	65,215	49,194	36,104	220,259	2,051,155	194,629	53,067	228,333	171,860	154,336	156,516	11,333	3,393,081	1,076,471	395,283
Va.	33,978	43,330	31,107	181,102	1,665,002	67,448	60,851	142,080	232,435	237,514	59,895	14,850	2,790,402	612,572	630,916
Wash.															
W. Va.															
Wyo.															

Table 79.—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.				Fixed charges, pensions, rents, taxes, etc.	Total current expenses.	Outlay, capital acquisition, and construction.	Expenses of debt service.				
	Business.	Educational.	Day schools.				Night schools.	Wages of janitors and other employees.	Fuel, water, light, power, janitors, supplies, etc.	Maintenance, repairs, replacement of equipment, etc.	Expenditures of auxiliary agencies.	10	11	12					13	14	15	16
			Salaries and expenses of supervisors.	Salaries and expenses of principals.	Salaries of teachers.	Text-books, stationery, supplies, and other expenses of instruction.																
U. S.	3,473	10,383	81,125,229	83,556,964	333,084,519	\$2,467,378	\$194,532	\$3,754,282	\$3,848,017	\$2,577,722	\$1,050,670	8,602,335	\$54,533,774	\$12,643,013	\$8,158,870							
Ala.	112	471	8,098	23,577	159,044	1,570,082	115,085	146,687	87,301	119,731	46,854	4,418	200,308	165,964	10,500							
Ark.	7,830	9,086	18,286	27,676	201,086	22,038	1,336	17,034	27,034	17,328	5,925	2,852	3,865,110	21,484	39,680							
Calif.	3,238	26,910	73,322	144,334	1,271,587	120,773	39,785	136,501	164,956	163,322	59,497	23,418	2,231,811	744,588	288,435							
Conn.	3,638	10,455	6,000	9,775	19,750	379,311	5,316	18,270	19,770	45,468	1,671	7,048	520,224	134,850	308,766							
D. C.	4,638	21,804	61,387	439,844	29,341	24,262	21,262	64,130	10,248	18,530	10,248	8,474	692,631	148,606	26,583							
Fla.	56,751	45,833	48,989	162,673	1,437,801	77,483	7,964	191,223	216,989	160,579	27,275	30,780	2,484,340	838,331	383,219							
Ill.	28,479	29,368	76,127	132,960	1,154,062	30,478	8,879	144,433	159,437	103,276	73,643	8,771	1,948,088	215,965	281,912							
Ind.	61,832	43,668	48,377	150,694	1,625,408	183,374	16,517	213,866	223,732	122,332	57,917	42,875	2,750,102	500,273	299,104							
Iowa	35,384	32,002	12,794	83,978	724,500	5,620	8,739	84,772	163,905	132,484	34,525	23,373	1,318,054	164,333	125,221							
Kan.	7,655	14,638	12,199	46,779	289,156	14,877	30,022	32,042	17,811	2,031	11,516	477,436	193,249	28,727								
Mass.	(C)	3,060	(C)	(C)	225,195	6,254	25,680	15,742	930	14,255	7,328,254	1,179,901	1,226,322									
Mich.	68,527	153,400	135,754	472,344	4,765,467	353,836	112,913	512,381	657,017	465,394	132,702	14,255	7,328,254	1,179,901	1,226,322							

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mich.	52,665	48,833	57,241	126,345	1,293,162	94,927	18,024	144,217	195,760	73,433	71,513	40,771	2,207,213	520,569	277,805
Minn.	16,210	9,375	19,923	46,804	429,629	36,307	11,519	55,964	61,011	22,288	15,024	1,383	728,540	328,439	81,963
Miss.	15,513	15,516	11,650	29,361	461,961	43,720	61,578	86,129	46,218	44,863	3,084	4,441	743,919	152,813	156,116
Mont.	24,942	24,635	10,341	36,726	385,670	46,041	86,129	19,885	24,266	34,722	4,474	264	715,757	324,330	11,729
Nebr.	12,460	7,633	12,069	21,830	237,508	19,631	19,631	19,631	24,266	30,183	3,081	2,041	391,737	606	42,464
Nev.	1,833	6,873	7,370	31,123	172,638	20,795	2,907	16,508	25,620	2,212	2,651	1,898	296,228	807,360	27,130
N. H.	86,947	77,437	104,710	335,346	2,970,686	270,343	42,873	312,624	286,447	299,857	75,171	32,004	4,788,790	807,360	640,358
N. J.	54,568	66,717	63,475	298,231	2,680,187	146,726	53,438	292,897	345,154	157,046	126,285	72,468	4,387,212	712,470	813,048
N. Y.	600	6,036	1,564	10,750	80,028	5,432	3,370	7,471	3,159	3,340	46	118,966	70,508	70,508	3,465
N. C.	29,111	38,697	30,912	173,983	1,808,630	94,950	2,132	234,923	249,126	142,208	26,580	66,834	2,903,115	1,435,357	572,822
Ohio	7,979	7,574	9,851	27,523	297,369	9,152	2,471	32,572	24,161	14,511	3,099	5,556	442,014	5,090	85,754
Ore.	171,308	87,061	121,670	286,432	2,812,667	390,020	26,626	357,859	357,913	192,440	106,378	89,194	5,006,815	1,622,123	1,528,888
Pa.	9,540	13,047	8,720	28,750	315,896	24,219	10,539	42,853	44,274	40,504	2,928	3,566	544,732	161,789	24,602
R. I.	1,577	3,506	3,185	16,309	93,135	2,784	1,492	2,860	4,541	7,629	8,377	5,364	151,359	9,780	9,780
S. Dak.	3,763	11,724	27,613	55,213	265,591	6,420	28,628	163,625	16,353	15,658	4,072	8,155	462,013	134,985	313,404
Tenn.	50,628	56,763	57,029	265,667	2,086,796	107,764	28,628	163,625	16,353	88,903	53,630	13,211	2,937,469	545,250	77,800
Tex.	22,041	12,245	21,840	76,533	666,343	3,867	1,475	68,339	43,680	110,301	1,859	4,844	1,105,037	88,701	77,800
Utah	9,294	8,829	472,474	24,223	472,474	21,063	4,977	38,632	26,363	18,092	8,191	4,703	637,001	79,887	79,887
Va.	19,060	14,369	11,538	42,877	431,791	33,264	8,334	43,963	36,257	39,414	19,153	3,957	701,617	64,843	87,754
Wash.	4,663	11,366	22,285	65,151	301,585	10,700	3,080	33,804	33,162	3,300	9,319	9,295	528,210	162,731	61,375
W. Va.	10,491	25,413	34,626	59,068	659,036	64,445	12,021	61,211	105,102	41,064	30,781	8,731	1,012,231	67,571	39,305
Wyo.															

\* Included in column 9.

\* Included in column 6.

\* Estimates are included for 4 city school systems not reporting expenditure.

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.				Fixed charges, pensions, rents, taxes, etc.	Total current expenses.	Outlay, capital acquisition, and construction.	Expense of debt service.			
	Business.	Educational.	Day schools.			Night schools.	Wages of janitors and other employees.	Fuel, water, light, power, janitors' supplies, etc.	Maintenance, repairs, replacement of equipment, etc.	Expenses of auxiliary agencies.	12	13	14					15	16	17
			Salaries and expenses of supervisors.	Salaries and expenses of principals.	Salaries of teachers.															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17				
U. S.	\$707,326	\$1,674,251	\$1,343,661	\$3,057,733	\$29,226,744	\$2,370,938	\$264,946	\$3,401,755	\$3,983,353	\$2,466,774	\$916,905	\$390,652	\$50,064,947	\$10,263,074	\$7,040,108					
Ala.	1,620	10,228	8,240	19,457	100,335	3,972	7,391	11,042	8,341	11,996	1,530	552	178,091	28,552	4,500					
Ark.	2,401	10,034	6,229	19,489	100,498	3,302	11,042	12,277	12,277	3,658	1,277	1,719	223,228	43,681	18,000					
Calif.	8,441	11,300	6,263	37,992	220,486	5,323	18,818	19,308	19,308	7,850	3,054	9,828	336,599	229,491	50,984					
Ill.	27,028	71,520	98,061	198,556	1,000,880	137,614	40,800	127,153	194,343	120,085	60,323	22,768	2,985,038	620,708	385,483					
Iowa	15,952	11,327	13,938	36,086	246,989	13,785	6,675	22,127	24,562	9,497	4,921	3,757	402,735	3,878	41,000					
Kans.	30,374	56,813	59,157	109,253	1,196,114	98,721	15,727	123,471	159,802	102,890	46,059	20,106	2,016,068	193,952	134,005					
Mich.	1,560	16,080	5,600	29,244	113,566	6,000	8,470	17,333	5,616	9,034	3,150	3,944	300,314	.....	.....					
Mo.	2,614	17,126	4,010	42,307	182,387	8,896	3,872	8,470	8,235	9,310	1,775	3,311	301,176	.....	6,000					
N. Y.	7,023	10,157	6,177	2,500	105,550	28,990	48,355	41,868	41,868	27,080	1,544	1,150	250,393	21,668	42,550					
Pa.	46,418	100,126	71,459	166,757	1,752,283	83,856	2,559	238,142	291,543	249,086	34,469	39,742	3,087,428	352,484	316,675					
Tenn.	27,028	84,726	117,067	170,547	1,469,611	109,810	30,335	195,248	278,640	155,438	34,194	31,944	4,752,239	338,178	318,763					
W. Va.	27,028	84,726	117,067	170,547	1,469,611	109,810	30,335	195,248	278,640	155,438	34,194	31,944	4,752,239	338,178	318,763					
Wis.	19,619	31,064	28,887	66,556	475,167	28,918	6,651	58,280	58,940	45,617	7,453	17,001	837,113	271,549	101,364					
Wyo.	2,597	15,284	6,447	20,675	162,474	6,353	19,941	18,837	18,837	14,587	1,466	4,346	272,917	3,322	745					
La.	1,100	12,800	6,570	31,072	202,600	33,051	5,428	5,080	5,080	4,168	6,528	1,575	294,869	22,540	23,868					
Me.	6,300	21,372	29,100	31,812	272,488	13,862	7,577	11,152	15,491	10,980	9,483	4,377	317,576	11,198	.....					
Mass.	6,050	2,919	4,657	22,132	132,488	13,862	7,707	11,152	15,491	10,980	9,483	4,377	317,576	11,198	.....					
Mean	27,863	131,081	108,000	218,153	2,356,404	214,791	31,780	278,530	365,190	202,161	114,063	19,167	4,069,233	431,322	150,461					



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mich.	21,515	69,488	60,763	71,344	1,176,903	147,459	48,109	28,571	2,091,798	311,960	275,082
Miss.	20,205	19,965	16,311	29,064	299,326	26,134	17,760	1,635	1,727,738	262,963	108,846
Minn.	2,255	13,100	2,700	3,500	222,477	13,740	10,700	1,645	284,084	333,071	33,125
Mo.	3,244	14,084	5,700	29,360	196,180	33,179	18,550	1,670	333,271	20,602	38,300
Mont.	19,147	22,541	36,505	39,755	486,659	61,317	7,337	13,629	818,203	158,940	92,675
Nabr.	500	2,500	3,150	5,878	57,483	6,528	350	163	103,749	.....	6,320
Nev.	2,400	2,400	6,300	9,000	5,000	4,000	1,400	1,400	102,936	.....	50,715
N. H.	2,623	26,373	8,877	38,222	342,383	52,785	19,567	1,832	616,450	2,568	458,662
N. J.	66,411	109,465	136,154	245,731	2,175,208	283,005	88,602	18,760	3,982,488	536,757	458,662
N. S.	1,048	4,048	8,860	15,352	51,197	5,160	3,359	2,075	106,714	11,767	20,710
N. Y.	39,639	168,513	106,974	205,763	2,257,708	226,446	113,270	78,940	3,912,815	572,520	767,532
N. C.	3,640	19,040	5,235	27,171	373,066	7,076	18,490	6,021	339,380	169,442	154,540
N. Dak.	6,650	9,565	10,496	12,786	164,031	50,781	2,453	4,258	310,013	131,637	10,840
Ohio	42,193	102,046	62,269	199,432	2,031,786	268,573	86,192	23,535	3,392,393	1,132,692	919,899
Ola.	18,265	26,365	25,009	76,163	572,137	48,085	8,060	19,765	897,358	845,518	344,205
Oreg.	4,000	4,000	108,600	199,124	1,084,600	6,016	1,000	1,916	134,015	10,550	71,203
Pa.	139,921	149,246	78,813	199,124	2,328,640	326,647	18,490	6,021	4,206,344	712,626	1,077,533
R. I.	3,027	23,864	10,352	34,190	438,378	51,689	23,251	72,303	4,770,920	61,811	17,480
S. C.	1,819	8,238	5,335	24,285	148,864	57,264	3,569	82	223,354	.....	6,110
S. Dak.	1,537	11,668	13,283	21,500	170,520	21,122	4,925	925	322,722	1,074	41,925
Tenn.	1,800	1,800	42,067	115,322	42,067	3,379	2,534	590	52,394	.....	286,960
Tex.	19,171	46,188	11,791	115,322	848,135	65,813	39,578	19,098	1,259,599	584,914	16,501
Utah	6,436	6,436	18,600	18,600	163,768	10,808	1,442	642	256,126	213,712	12,700
Va.	17,017	7,004	10,349	10,349	138,647	32,133	2,165	1,799	245,532	7,560	17,560
Vt.	1,636	14,012	10,630	45,390	327,794	28,254	6,980	1,158	501,593	175,855	19,280
Wash.	14,361	22,251	26,365	62,891	517,652	51,773	12,740	10,565	849,617	72,891	158,227
W. Va.	6,020	14,761	12,637	30,119	326,039	31,642	16,947	11,552	514,808	234,342	169,301
Wis.	10,538	57,292	51,938	156,715	1,099,184	204,921	83,595	47,243	1,998,319	350,409	188,111
Wyo.	1,091	1,704	3,205	8,676	51,920	5,965	631	1,935	93,978	.....	3,660

\* 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.				Outlays, capital acquisition and construction.	Total current expenses.	Fixed charges, pensions, taxes, etc.	Expenses of auxiliary agencies.	Maintenance, repairs, replacement, etc.	Total current expenses.	Outlays, capital acquisition and construction.	Expenses of debt service.
	Business.	Educational.	Day schools.				Night schools.	Wages of janitors and other employees.	Fuel, light, power, janitors' supplies, etc.	11.	12.	13.	14.								
			Salaries and expenses of supervisors.	Salaries and expenses of principals.	Salaries of teachers.	Text-books, stationery, supplies, and other expenses of instruction.															
	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.						
U. S.	\$498,420	\$1,810,290	\$716,266	\$1,708,738	\$19,134,076	\$1,476,743	\$83,210	\$2,242,024	\$2,749,916	\$1,500,795	\$749,656	\$494,164	\$32,942,419	\$6,394,857	\$4,462,663						
Ala.	2,678	12,735	8,215	11,297	90,464	4,174	2,423	5,481	5,881	6,511	450	1,172	139,345	13,670	2,480						
Ark.	7,063	19,894	2,250	15,743	88,877	14,984	4,122	27,597	39,028	44,122	4,066	6,752	177,938	13,670	52,164						
Cal.	1,063	5,624	2,008	15,743	88,877	14,984	4,122	27,597	39,028	44,122	4,066	6,752	177,938	13,670	52,164						
Ill.	15,450	23,417	22,409	42,220	646,393	43,127	4,568	61,672	35,916	24,103	3,242	8,414	1,036,574	4,079	93,825						
Ind.	7,081	40,005	23,743	25,338	574,316	44,419	1,207	54,552	62,391	40,298	4,103	7,877	946,256	142,080	64,401						
Mass.	1,260	13,160	6,076	28,075	136,625	2,500	2,500	6,250	7,250	1,750	1,000	2,500	206,435	82,500	6,250						
Mich.	2,032	26,214	2,480	24,482	273,931	12,589	13,235	13,235	12,772	15,878	1,213	3,510	391,306	48,256	7,780						
Ohio	2,806	15,740	4,860	18,452	166,209	8,471	892	19,094	22,182	2,279	19,098	3,124	263,456	30,218	57,875						
Pa.	22,890	106,940	37,104	95,274	1,128,299	56,480	892	154,955	147,250	42,308	16,213	29,869	1,837,573	225,806	184,062						
Tex.	16,207	70,675	85,249	106,129	797,228	30,901	2,080	94,823	138,066	61,649	9,460	44,532	1,966,279	87,139	132,151						
Wash.	2,217	21,743	12,147	22,021	222,021	22,888	527	40,377	52,648	20,970	2,962	3,021	502,182	186,134	63,288						
W. Va.	8,217	36,086	9,001	40,660	482,179	26,968	527	53,762	60,284	43,250	6,414	18,410	786,086	291,867	130,950						
Wyo.	4,069	25,996	2,955	19,254	235,224	4,327	1,200	18,151	22,755	10,185	1,320	5,009	350,465	168,983	61,466						
U. S.	4,800	2,080	2,800	10,120	75,375	39,855	5,489	6,000	1,500	25,000	24,846	13,223	123,845	71,000	29,200						
Ala.	2,312	32,967	25,805	27,558	392,589	87,653	6,454	43,055	96,129	31,921	24,846	13,223	725,445	35,265	13,644						
Ark.	1,479	18,392	1,720	18,392	87,653	10,872	1,152	9,345	263,173	110,391	140,637	13,798	2,800,488	539,572	262,120						
Cal.	21,935	196,579	61,428	124,014	1,596,436	157,039	8,738	194,362	263,173	110,391	140,637	13,798	2,800,488	539,572	262,120						

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mich.	15,438	63,229	19,000	71,175	762,014	55,721	1,373	103,062	130,324	63,208	47,115	12,157	1,357,033	188,733	100,790
Minn.	40,918	62,545	44,086	50,851	784,670	88,520	8,024	140,088	220,991	32,627	71,906	30,724	1,628,883	618,916	132,327
Mo.	25,012	6,905	12,503	37,033	227,218	7,443	200	14,750	18,215	5,378	3,184	2,955	343,033	92,744	27,390
Mass.	9,272	29,732	12,503	24,318	434,827	27,598	...	51,220	59,992	37,287	6,303	10,508	715,822	206,508	97,639
Me.	2,485	6,765	6,481	8,150	78,883	10,709	...	11,899	10,718	5,991	2,200	5,207	156,480	87,290	15,058
Mont.	6,265	23,519	12,647	27,106	286,778	45,655	60	36,042	41,355	52,163	3,149	12,679	530,333	448,117	47,692
N. H.	1,117	10,031	3,601	13,350	108,591	97,768	439	12,002	17,035	7,175	12,345	3,142	207,628	17,377	13,286
N. J.	20,856	82,457	60,166	98,850	1,008,243	99,303	3,650	114,212	119,038	87,457	40,160	13,816	1,738,208	522,028	268,271
N. Y.	1,264	6,462	1,800	8,200	49,612	477	...	4,364	12,015	1,861	680	1,861	86,025	121,638	12,561
N. C.	11,068	78,436	33,268	33,711	703,765	44,380	2,389	70,004	114,373	47,295	34,313	22,080	1,194,871	56,789	279,240
N. D.	4,144	22,990	2,900	13,450	189,973	9,400	...	17,870	25,218	16,076	377	2,250	376,648	57,786	95,533
N. Dak.	2,234	10,212	2,900	4,000	40,400	7,438	...	6,808	11,736	5,723	766	2,634	153,768	12,369	9,444
Ohio	28,035	114,217	57,016	102,227	1,017,360	7,638	36	123,888	227,782	88,925	47,340	65,502	2,437,292	631,565	607,256
Ore.	8,672	16,816	10,402	24,181	179,133	5,019	...	20,259	16,415	13,725	2,211	10,270	307,106	1,848	53,216
Pa.	6,788	13,300	8,658	21,870	217,514	9,270	353	25,890	25,117	18,062	2,437	3,316	352,562	123,167	62,541
R. I.	181,785	205,634	60,787	151,932	2,026,953	298,572	3,015	289,207	272,805	174,652	51,756	55,185	3,742,500	495,607	911,374
S. C.	2,235	17,047	7,769	14,080	100,202	18,638	2,801	28,392	34,629	16,625	28,743	5,312	366,543	81,688	1,250
S. Dak.	1,809	24,900	7,769	5,540	194,520	4,398	550	10,738	16,631	8,205	28,740	5,388	271,159	794	53,469
Tenn.	6,474	12,403	12,260	15,117	185,405	13,394	271	22,457	34,768	12,250	1,289	1,863	280,931	141,413	33,816
Tex.	1,100	9,892	675	13,420	104,167	1,125	...	9,559	8,129	5,254	680	2,512	156,703	4,800	4,800
Va.	11,134	53,342	12,988	73,426	672,491	19,223	387	59,071	43,314	31,759	14,146	25,814	1,076,172	198,351	92,005
Wash.	6,230	3,807	10,824	10,824	66,862	12,453	...	6,064	6,171	8,739	543	1,076	123,702	69,712	16,731
W. Va.	2,660	11,657	9,940	9,829	137,688	17,423	...	16,236	27,405	19,768	21,601	9,591	275,710	13,133	13,133
Wis.	1,220	11,720	11,720	9,990	184,083	858	250	6,894	10,029	7,830	140	2,522	226,434	10,232	9,911
Wyo.	2,447	11,282	5,410	18,990	156,052	9,780	...	20,494	13,398	9,576	3,639	4,019	256,036	38,864	27,099
W. Va.	2,980	12,148	12,148	41,783	282,814	9,839	4,228	35,804	34,023	16,200	16,512	8,127	464,028	10,290	70,221
W. Va.	4,155	21,580	21,580	57,583	513,468	44,865	7,503	65,400	125,705	49,662	20,025	14,957	972,542	115,915	67,901
Wyo.	2,611	9,612	1,800	16,932	107,150	15,722	375	16,712	12,355	17,523	2,888	4,133	207,843	15,640	2,250

\*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 2,000 TO 5,000 POPULATION.\*

State.	General control.		Expenses of instruction.				Expenses of operation.				Fixed charges, pensions, rents, taxes, etc.	Total current expenses.	Outlays, capital acquisition and construction.	Expenses of depot service.	
	Business.	Educational.	Salaries and expenses of supervisors.	Day schools.			Salaries of janitors and other employees.	Fuel, water, light, power, janitors' supplies, etc.	Maintenance, repairs, replacement of equipment, etc.	Expenses of auxiliary agencies.					
				Salaries and expenses of principals.	Salaries of teachers.	Text-books, stationery, supplies, and other expenses of instruction.									Night schools.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
U. S. ....	\$310,771	\$1,956,763	\$385,301	\$1,596,756	\$19,457,537	\$1,473,658	\$17,396	\$3,015,535	\$1,733,017	\$841,415	\$162,090	\$3,790,508	\$4,331,096	\$1,345,760	
Ala. ....	375	25,900	2,567	7,024	127,048	2,572	675	9,941	43,631	2,010	1,222	228,049	3,000	13,190	
Ark. ....	2,528	9,391	3,409	10,220	84,674	9,688	8,508	6,689	7,785	1,167	1,779	22,249	37,627	13,845	
Calif. ....	3,357	34,507	55,567	30,102	178,661	7,327	1,305	14,298	12,177	1,375	8,239	311,534	7,627	51,000	
Conn. ....	7,179	50,057	39,435	92,592	938,734	57,284	1,305	57,772	91,439	31,541	15,654	1,500,541	300,576	88,800	
Colo. ....	7,860	32,642	39,435	50,159	391,215	27,463	1,305	30,715	31,400	943	6,001	630,777	16,809	93,576	
Del. ....	9,210	31,644	23,067	10,500	313,624	45,105	270	92,730	58,701	125,637	7,296	970,500	71,910	5,368	
D.C. ....	1,200	5,629	.....	4,660	4,660	5,046	.....	6,246	7,754	.....	3,261	81,290	8,324	8,324	
Fla. ....	2,543	33,043	.....	14,400	157,240	676	.....	8,908	6,740	14,420	1,192	222,540	800	39,016	
Ga. ....	3,118	11,188	.....	17,255	217,840	11,941	.....	21,363	13,400	8,950	4,311	432,110	112,891	59,955	
Ill. ....	16,217	118,785	18,243	101,830	982,812	61,293	.....	127,432	127,488	20,297	2,423	1,677,343	163,803	177,845	
Ind. ....	18,386	65,098	39,000	78,530	542,360	14,511	255	58,514	97,380	28,875	8,423	1,677,343	163,803	177,845	
Iowa ....	14,041	89,434	42,811	83,800	834,400	56,205	464	120,120	117,409	11,611	30,000	1,527,322	1,015,525	208,691	
Kans. ....	13,394	52,464	14,960	76,396	532,346	22,378	.....	57,864	59,152	10,444	2,184	631,518	398,664	132,264	
Ky. ....	4,368	32,541	1,800	50,892	227,808	2,049	.....	16,068	32,211	943	4,398	379,512	120,393	20,712	
La. ....	1,268	23,778	11,430	16,250	141,160	2,050	.....	6,975	14,650	5,315	075	194,680	20,000	10,000	
Me. ....	2,775	4,917	3,201	12,496	369,598	55,770	.....	38,822	73,599	39,668	5,140	671,876	15,000	12,302	
Mich. ....	9,452	66,545	41,177	68,061	713,368	96,491	1,261	97,131	142,233	149,724	6,750	1,467,353	124,085	27,883	



Mich.....	16,900	87,257	39,624	1,032,404	104,231	197,663	287,787	126,852	40,333	22,661	2,056,431	2,078,855	299,400
Minn.....	25,140	12,570	24,263	528,452	34,890	73,350	114,766	38,710	33,510	5,900	1,013,684	137,900	38,250
Miss.....	12,533	5,850	17,590	352,452	17,590	51,471	41,386	10,100	2,833	6,919	276,278	335,000	25,750
Mo.....	61,800	59,800	5,164	445,343	17,590	51,471	41,386	31,161	5,864	9,711	770,173	7,333	81,400
Mont.....	4,832	15,148	19,553	145,090	21,000	14,270	20,000	13,682	2,584	1,880	270,583	20,916	11,662
Nebr.....	4,052	26,807	7,155	223,525	23,212	28,118	49,468	14,720	1,075	15,795	415,074	129,245	38,318
Nev.....	1,886	9,000	.....	63,509	7,296	6,381	4,552	5,824	875	1,279	100,582	26,000	10,000
N. H.....	3,700	14,651	.....	184,816	20,627	19,345	33,645	11,675	23,647	4,533	338,924	6,703	8,155
N. J.....	28,000	70,000	4,673	802,471	84,700	91,051	88,130	62,130	43,724	9,511	1,317,705	61,656	218,020
N. Mex.....	4,881	18,213	8,908	208,350	20,979	18,645	21,378	24,687	3,285	3,810	354,756	45,000	36,792
N. Y.....	32,317	108,680	31,370	1,306,200	60,161	123,000	206,656	84,161	51,011	44,141	2,119,525	22,300	590,000
N. C.....	4,347	28,642	2,700	196,153	4,735	13,828	11,432	10,170	1,088	10,333	297,620	104,525	18,875
N. Dak.....	6,300	13,940	14,800	109,983	11,128	13,000	28,000	3,870	2,491	8,954	223,236	39,250	17,300
Ohio.....	24,310	101,530	28,404	985,685	62,818	137,084	192,100	100,080	33,559	11,321	1,724,901	1,046,054	271,130
Ore.....	28,706	66,842	11,386	698,060	77,535	67,060	69,175	40,002	10,352	18,328	1,019,228	19,570	4176,440
Oreg.....	5,673	20,890	7,814	236,734	11,636	30,198	34,893	12,481	2,967	4,700	401,666	132,923	72,884
Pa.....	87,368	189,077	9,623	1,673,633	247,171	184,212	273,833	126,445	41,822	31,327	2,742,286	358,187	537,873
R. I.....	4,750	6,502	4,781	139,015	4,500	4,620	15,113	5,000	2,190	643	108,866	186,190	20,635
S. C.....	28,500	7,645	.....	144,223	12,841	18,600	30,000	40,665	1,273	1,043	282,675	166,760	160,823
S. Dak.....	10,318	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tenn.....	2,000	23,715	13,288	144,477	2,100	12,222	17,432	2,805	.....	9,082	238,041	18,168	21,288
Tex.....	14,469	102,786	4,456	732,669	15,634	45,144	51,120	25,294	12,723	21,627	1,068,231	298,310	172,128
Utah.....	15,643	17,226	17,471	273,171	45,812	23,445	36,975	40,128	11,940	7,650	521,709	45,467	28,068
Vt.....	2,240	24,004	16,860	295,448	37,624	33,676	66,416	40,928	29,364	7,264	552,368	403,408	45,738
Va.....	6,683	11,063	2,100	156,883	2,010	10,537	19,367	13,303	967	4,880	247,232	192,333	60,500
Wash.....	12,408	30,287	1,097	363,879	27,641	42,322	33,729	13,230	5,525	4,615	558,772	30,282	115,533
W. Va.....	9,440	24,215	9,815	196,870	6,400	17,000	16,090	19,117	11,300	7,500	335,724	70,320	30,000
Wis.....	7,081	69,430	11,687	566,718	52,264	68,213	124,195	45,901	13,351	18,776	1,021,301	317,878	190,297
Wyo.....	1,220	2,850	2,300	77,061	5,226	6,386	11,232	9,642	752	3,144	1,122,723	1,220	4,984

\* Estimates are included for 664 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	\$3,798,682	\$557,834	\$83,019	\$4,504,213	\$15,065,574	\$4,139,760	\$467,216	\$19,904,556	
Alabama.....	680	19,109	2,547	.....	22,316	70,222	19,978	.....	89,200	
Arizona.....	.....	12,000	2,460	.....	14,460	20,803	7,650	.....	28,453	
Arkansas.....	.....	2,718	3,210	.....	5,928	10,877	6,520	.....	17,397	
California.....	3,565	241,898	34,340	.....	279,703	822,904	223,342	1,140	1,097,185	
Colorado.....	1,800	61,222	4,545	.....	67,567	174,644	51,862	1,028	227,431	
Connecticut.....	3,002	202,808	16,653	1,434	223,897	313,596	79,671	14,547	407,714	
Delaware.....	.....	35,209	.....	.....	35,209	70,622	31,243	10,731	112,586	
District of Columbia.....	.....	17,675	.....	.....	17,675	50,719	22,750	3,600	77,089	
Florida.....	.....	15,365	300	.....	16,215	102,676	30,300	6,600	139,576	
Georgia.....	550	.....	.....	.....	.....	.....	.....	.....	.....	
Idaho.....	.....	11,127	.....	.....	11,127	13,334	7,618	.....	20,952	
Illinois.....	1,010	181,692	22,700	.....	205,402	1,258,845	191,663	25,529	1,476,178	
Indiana.....	3,308	236,570	60,434	255	316,942	384,015	111,940	9,792	606,647	
Iowa.....	3,637	60,976	13,585	6,100	106,283	268,324	96,768	3,550	368,622	
Kansas.....	.....	44,670	862	.....	46,732	139,653	59,159	.....	194,184	
Kentucky.....	1,190	46,859	2,063	470	50,612	126,728	40,798	5,511	173,027	
Louisiana.....	.....	6,390	.....	.....	6,390	136,162	30,469	3,628	169,317	
Maine.....	.....	46,391	8,514	.....	54,905	31,000	25,460	2,820	89,370	
Maryland.....	.....	11,153	3,000	.....	14,153	161,120	32,660	8,465	202,234	
Massachusetts.....	2,787	351,939	69,197	3,265	427,478	980,446	336,367	52,769	1,369,574	
Michigan.....	10,413	109,453	22,863	5,645	209,754	476,019	184,774	17,890	679,288	
Minnesota.....	2,750	114,845	4,089	1,440	123,724	297,329	89,257	5,162	381,748	
Mississippi.....	.....	8,405	840	.....	9,245	27,063	14,450	.....	41,453	
Missouri.....	3,138	112,690	7,743	4,038	127,609	425,765	97,592	10,540	533,857	
Montana.....	1,000	48,027	3,600	.....	53,627	68,227	12,404	.....	80,631	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Nebraska.....	2,307	38,294	2,915	16,410	46,321	124,026	42,210	1,830	171,076
Nevada.....		6,300			6,300	6,440	2,100		9,040
New Hampshire.....	915	17,121	1,742		19,868	54,640	28,048		82,688
New Jersey.....	514	336,724	24,928	4,240	284,626	812,492	379,655	21,691	1,116,838
New Mexico.....		5,630	4,530		10,360	18,776	4,776		23,552
New York.....		249,320	69,792	16,410	358,512	3,819,379	966,392	136,602	4,942,363
North Carolina.....		6,929	1,471		8,400	36,514	12,837		51,371
North Dakota.....		9,721	4,371		14,092	59,239	24,467		122,796
Ohio.....	4,300	152,754	21,663	3,200	181,857	728,531	196,368	24,925	1,151,699
Oklahoma.....	1,200	39,046	5,016		44,062	169,239	23,028		132,967
Oregon.....		18,702	7,645	704	27,051	103,227	34,919	10,218	145,394
Pennsylvania.....	1,200	357,924	43,903	12,011	415,638	1,345,579	321,917	21,857	1,672,343
Rhode Island.....	1,283	53,776	5,484		60,543	78,477	30,864		109,341
South Carolina.....		5,486	3,054		8,540	34,628	9,506		44,134
South Dakota.....		20,233	5,300		25,533	21,807	12,810		38,617
Tennessee.....		26,875	10,995		40,777	92,457	15,749	1,150	109,356
Texas.....		78,666	3,222		81,788	352,831	91,586		444,417
Utah.....		27,892	1,639		29,531	91,901	14,056		105,957
Vermont.....		18,454	2,392		17,846	10,790	9,398		27,178
Virginia.....	592	23,553	4,073	632	28,650	108,871	26,273	3,216	138,360
Washington.....		61,719	13,099	4,220	79,038	264,792	76,615	3,260	344,657
West Virginia.....		32,598	14,374		47,972	80,492	76,543		157,035
Wisconsin.....	840	90,670	31,683	18,065	140,570	315,147	89,391	49,850	454,988
Wyoming.....		4,003	1,000		5,003	18,958	6,650		25,608

\* Includes \$211,980 not itemized.

\* Includes \$20,637 not itemized.

\* Includes estimates as indicated in following tables.

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.	Other schools.	Total.	Elementary (including kindergarten and elementary grades in junior high schools).		Secondary (high).	Vocational.	Other schools.	Total.
	11	12	13	14	15	16	17	18	19	20	21			
United States.....	\$2,832,618	\$132,233,170	\$44,899,057	\$1,633,639	\$2,321,506	\$186,007,000	\$9,223,443	\$3,401,854	\$333,709	\$203,004	\$12,380,889			
Alabama.....	3,451	607,821	201,823	813,065	449,125	22,977	3,992	25,909						
Arizona.....	7,205	351,848	87,372	439,120	16,915	6,065	24,056							
Arkansas.....	331,660	153,433	87,372	439,120	16,915	6,065	24,056							
California.....	460,284	6,480,327	3,484,292	9,907	8,409	2,029	11,038							
Colorado.....	71,267	1,350,947	573,176	2,334	10,454,780	308,622	241,067	560,321						
Connecticut.....	99,328	3,039,872	946,839	2,534	2,007,759	90,081	29,914	124,409						
Delaware.....	.....	.....	.....	64,039	37,333	4,204,111	264,153	26,280	1,899	368,887				
District of Columbia.....	.....	.....	.....	20,539	49,380	1,527,225	170,317	8,407	1,043	186,996				
Florida.....	.....	.....	.....	15,000	1,000	1,628,402	17,640	240	.....	8,500				
Georgia.....	17,043	1,126,883	287,561	116,176	1,300	1,848,512	40,755	12,413	710	64,000				
Idaho.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Illinois.....	41,509	175,437	96,322	2,269	103,481	271,759	23,655	13,815	37,470					
Indiana.....	110,075	11,836,030	3,167,907	2,269	15,211,292	360,445	158,995	558,335						
Iowa.....	61,084	2,995,104	1,326,902	64,536	13,006	4,510,223	159,695	57,029	228,474					
Kansas.....	13,391	2,006,105	817,740	18,221	42,729	2,944,879	162,017	95,414	260,902					
Kentucky.....	33,929	1,219,022	448,715	.....	628	1,681,950	74,857	33,549	108,406					
Kentucky.....	33,929	966,019	313,224	8,880	27,659	1,339,721	48,473	14,279	69,072					
Maine.....	2,820	1,024,821	244,479	14,206	21,358	1,307,684	44,001	6,385	53,190					
Maryland.....	12,817	620,578	235,077	1,800	11,200	881,392	50,206	27,719	79,160					
Massachusetts.....	2,698	1,465,672	536,907	17,524	1,640,801	68,025	41,378	1,281	110,684					
Massachusetts.....	105,623	9,944,844	3,866,863	178,948	100,374	14,322,334	686,498	39,572	1,186,862					
Michigan.....	374,863	4,180,682	2,035,520	48,716	297,199	6,937,404	290,400	107,295	415,029					
Minnesota.....	184,047	2,831,393	1,214,012	48,783	28,257	4,804,492	182,017	1,976	294,203					
Mississippi.....	7,000	2,296,745	1,140,979	48,783	28,257	4,804,492	5,808	3,546	9,483					



Missouri.....	218,080	3,504,543	1,378,841	13,767	157,012	5,272,249	267,084	87,982	15,752	370,828
Montana.....	13,120	735,967	182,025			931,112	71,297	32,946		104,263
Nebraska.....	76,264	985,509	330,985		3,580	1,473,700	90,732	52,017	724	154,580
Nevada.....	2,803	437,740	134,610		710	554,460	3,300	31,970		8,378
New Hampshire.....	4,372	437,740	134,610			654,407	3,300	31,970		8,378
New Jersey.....	198,535	7,255,838	2,484,178	69,982	156,488	10,108,007	683,836	215,482	8,604	921,460
New Mexico.....	650	67,422	32,726			100,798	3,169	1,000		4,168
New York.....	12,048	30,835,558	7,175,222	430,075	434,765	38,857,688	1,170,288	494,283	24,782	2,097,621
North Carolina.....		534,815	187,252			722,067	9,955	3,116		13,071
North Dakota.....		179,931	85,660			265,611	13,067	9,656		23,743
Ohio.....	227,799	7,426,838	2,849,043	61,278	334,367	12,582,840	481,284	198,517	24,547	876,777
Oklahoma.....	24,110	725,202	299,327			1,048,039	24,597	15,403		40,000
Oregon.....	6,287	1,156,914	452,517	63,988	29,748	1,709,454	30,024	10,945	9,308	58,179
Pennsylvania.....	44,340	11,881,430	3,792,983	141,002	209,300	15,799,055	1,210,287	455,802	31,867	1,730,583
Rhode Island.....	79,965	1,362,073	403,922	2,523	27,571	1,676,056	107,678	43,527	3,214	184,887
South Carolina.....	540	308,291	99,031			386,519	9,538	4,488		14,228
South Dakota.....		212,880	116,045			328,925	19,357	6,321		23,678
Tennessee.....	2,422	547,120	179,738		4,270	1,256,919	9,733	4,207		35,177
Texas.....	27,048	2,375,905	1,121,219		6,250	3,530,422	99,054	24,005		83,059
Utah.....		731,014	165,949			890,943	90,004	29,988		119,972
Vermont.....	3,650	171,767	99,219			274,636	22,685	7,198		29,823
Virginia.....	13,612	1,231,208	282,855	1,602	20,939	1,600,214	43,481	9,923	5,673	58,710
Washington.....	19,480	2,090,697	991,276		55,197	3,156,050	155,019	113,930	2,985	272,534
West Virginia.....		630,900	259,548			880,448	28,510	10,777		39,287
Wisconsin.....	109,399	2,348,708	1,006,048	288,976	73,559	3,836,680	136,248	85,836	13,405	285,245
Wyoming.....		109,751	49,349			159,100	13,272	7,763		21,685

! Includes estimates as indicated in following tables.

\* Includes \$2,687,610 not itemized.

\* Includes \$219,270 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.				
	2	3	4	5	6	7	8	9	10	
United States.....	\$23,844	\$1,092,040	\$118,460	\$62,749	\$1,309,000	\$8,969,369	\$2,057,946	\$351,428	\$11,581,168	
Alabama.....		10,257	1,704		11,961	39,900	5,466		44,366	
Arizona.....										
Arkansas.....	460	118,949	18,729		136,138	522,415	125,392	4,140	651,947	
California.....	1,800	14,824			16,624	94,400	26,115	4,025	121,540	
Colorado.....										
Connecticut.....	1,500	67,175			68,675	106,900	12,275	9,425	128,600	
Delaware.....	(1)	35,209			35,209	70,622	31,243	10,731	112,596	
District of Columbia.....		(1)			(1)		6,600	4,800	11,400	
Florida.....										
Georgia.....										
Idaho.....										
Illinois.....		39,865	8,060		47,915	925,246	103,908	20,318	1,048,472	
Indiana.....		62,299	1,200	4,000	67,499	81,581	13,410	2,000	96,991	
Iowa.....										
Kansas.....										
Kentucky.....	1,190	26,782	569	470	29,011	61,777	19,741	5,511	87,029	
Louisiana.....										
Maine.....										
Massachusetts.....	1,175	94,500	3,000	2,531	101,606	134,946	18,310	8,465	161,730	
Michigan.....	6,706	65,719	1,825	5,500	69,750	408,099	113,103	33,921	585,033	
Minnesota.....	200	41,534		1,440	43,134	303,182	94,471	12,783	410,416	
Mississippi.....						283,917	45,970	5,102	289,089	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Missouri.....	3,138	88,372	1,712	4,058	97,210	367,037	70,223	19,560	447,820
Montana.....									
Nebraska.....	1,700	14,280	2,555		18,535	97,516	26,816	1,800	116,162
Nevada.....									
New Hampshire.....									
New Jersey.....		61,786	6,700	2,900	71,386	266,677	138,990	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	19,248	126,524
Pennsylvania.....	1,200	139,944	9,653	3,391	154,188	907,338	132,598	22,329	1,062,265
Rhode Island.....	1,283	29,597	2,801		33,481	11,907	20,505		32,312
South Carolina.....									
South Dakota.....									
Tennessee.....		8,618	962		21,487	36,580	2,993	1,150	40,723
Texas.....									
Utah.....									
Vermont.....									
Virginia.....	692	15,633	1,363	632	18,220	48,449	7,092	3,216	58,757
Washington.....		27,795	4,089	4,220	36,104	171,040	46,390	2,810	220,259
West Virginia.....									
Wisconsin.....		14,286		16,821	31,107	146,999	26,493	10,700	181,102
Wyoming.....									

\* Includes \$11,907 not itemized.      † Includes \$20,428 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
United States	\$1,617,196	\$75,456,811	\$22,738,946	\$1,070,815	\$2,019,941	\$105,162,261	\$4,003,687	\$1,482,852	\$228,000	\$167,981	\$46,065,630
Alabama		380,397	102,954			433,351	14,145	696			14,839
Arkansas		3,598,334	2,077,891			6,328,479	148,238	105,664			254,496
California	288,134	827,686	329,348	2,534	6,120	1,225,177	53,452	10,899	3,119	563	68,735
Colorado	69,935										
Connecticut	54,525	777,745	232,299	47,621	33,904	1,168,094	66,838	21,732	16,668	1,836	106,974
Delaware											
District of Columbia	(*)	1,294,946	558,353	20,539	49,580	1,923,458	176,317	8,407	193	1,043	185,960
Florida											
Georgia		477,030	69,425	106,875		652,330	1,974	1,000	40,000		12,974
Idaho											
Illinois		8,497,964	2,220,033		156,892	10,874,909	198,047	109,761		32,811	340,319
Indiana		769,266	314,279	34,407		1,118,402	42,158	9,450	5,677		57,265
Iowa											
Kansas											
Kentucky	22,886	444,271	155,945	8,880	20,875	652,867	30,658	9,654	2,598	1,805	44,115
Louisiana	(*)	856,182	143,662	14,206	21,358	1,029,439	43,901	5,705	1,627	567	51,800
Maine											
Maryland	20,898	1,301,096	281,242		17,524	1,629,760	58,407	26,242		1,281	85,930
Massachusetts	44,277	4,113,296	1,698,645	92,603	156,036	6,003,857	258,889	132,214	27,349	10,764	429,216
Michigan	258,941	2,128,063	1,067,388	34,405	177,148	3,855,125	130,789	29,892		9,818	170,499
Minnesota	124,150	1,827,528	772,543	39,973	18,672	2,782,967	83,999	47,355		1,069	134,443
Mississippi											

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Missouri.....	214,046	2,737,944	1,002,544	13,767	157,012	4,189,291	203,909	66,126	15,762	285,796
Montana.....	70,445	609,924	206,052	3,530	891,951	43,894	30,458	724	75,076	
Nevada.....	23,340	2,813,170	1,006,574	27,209	142,223	4,012,516	187,761	69,931	8,821	281,968
New Hampshire.....	26,805,785	5,705,189	322,420	412,883	33,246,277	1,255,594	404,992	91,533	24,480	1,756,599
New Jersey.....	189,243	3,789,083	1,254,966	61,279	328,867	7,287,024	255,420	109,452	24,547	561,846
New Mexico.....	6,297	934,354	349,537	63,988	29,748	1,383,940	21,590	11,600	9,308	44,409
New York.....	21,702	204,098	1,973,788	59,670	141,016	8,599,343	526,520	154,157	12,183	703,343
North Carolina.....	46,073	6,636,783	213,612	2,523	23,476	931,430	35,602	22,205	2,216	60,701
North Dakota.....										
Oregon.....	222,403	68,054	4,270	825,094	4,470	1,925	1,925			27,632
Texas.....										
Utah.....	13,612	463,376	87,792	1,662	16,479	581,961	17,479	4,333	4,732	27,177
Vermont.....	17,943	1,371,663	613,737	48,212	2,051,155	114,315	77,434	2,910	194,659	
Virginia.....	139,434	1,036,599	320,632	117,315	49,022	1,665,002	37,925	11,988	7,062	87,448
Washington.....										
West Virginia.....										
Wisconsin.....										
Wyoming.....										

\* Included in column 12.

• Includes \$2,213,882 not itemized.

† Includes \$192,510 not itemized.

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.				
	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.	
1	2	3	4	5	6	7	8	9	10	
United States.....	\$12,429	\$971,877	\$134,009	\$16,914	\$1,135,229	\$2,824,571	\$665,519	\$46,844	\$3,536,864	
Alabama.....	660	5,440	800		6,900	19,200	4,860		24,060	
Arizona.....		8,065			8,065				(c)	
Arkansas.....	1,905	21,612			23,517	135,942	23,102		159,041	
California.....		12,986	2,270		15,256	21,064	6,612		27,676	
Colorado.....										
Connecticut.....	512	99,915	11,461	1,434	78,322	109,084	30,128	5,122	144,334	
Delaware.....									(c)	
District of Columbia.....		6,000			6,000	11,800	7,950		19,750	
Florida.....		3,775			3,775	35,337	6,050		41,387	
Georgia.....										
Idaho.....										
Illinois.....		46,855	1,870	255	48,980	142,584	28,478	1,611	172,673	
Indiana.....	970	62,364	11,063	2,100	76,127	108,369	16,819	7,792	132,980	
Iowa.....	1,600	44,497	2,300		48,397	123,224	24,010	3,460	150,864	
Kansas.....		12,794			12,794	60,411	23,567		83,978	
Kentucky.....		12,199			12,199	38,445	7,634		46,079	
Louisiana.....									(c)	
Maine.....										
Massachusetts.....	1,612	130,604	12,314	1,024	135,754	369,360	86,359	16,625	472,344	
Michigan.....	1,590	48,192	7,231	165	57,181	88,855	33,890		128,345	
Minnesota.....	1,750	13,734	2,119		17,603	10,237	6,367	4,127	28,361	
Mississippi.....										

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Missouri.....	11,479	171	11,650	30,037	9,304	29,361
Montana.....	9,041	300	10,341	31,025	1,701	35,726
Nebraska.....	12,089		12,089	17,864	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	333,346
New Jersey.....						
New Mexico.....						
New York.....	69,656	11,450	83,475	232,791	50,470	288,231
North Carolina.....	1,554		1,554	9,200	1,550	10,750
North Dakota.....						
Ohio.....	30,912	3,263	30,912	146,637	30,606	176,993
Oklahoma.....	5,398		9,351	23,813	3,710	27,523
Oregon.....						
Pennsylvania.....	100,385	13,278	121,870	231,598	63,588	296,452
Rhode Island.....	6,716	2,024	8,740	23,432	2,386	25,818
South Carolina.....	2,928	259	3,186	14,163	2,366	16,529
South Dakota.....						
Tennessee.....	17,582	10,033	27,615	48,487	6,726	55,213
Texas.....	53,807	3,222	57,029	212,728	42,939	255,667
Utah.....	19,901	1,639	21,840	66,227	10,306	76,533
Vermont.....						
Virginia.....				20,812	3,411	24,223
Washington.....	10,457	1,061	11,538	33,007	9,070	42,627
West Virginia.....	9,670	12,615	22,285	30,451	54,700	85,151
Wisconsin.....	19,132	15,794	34,928	43,485	9,361	59,008
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 kindergarten and elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.	
1	11	12	18	14	15	16	17	18	19	20	21	
United States.....	8561,656	\$22,794,128	\$7,911,153	\$350,041	\$190,316	\$33,084,619	\$1,624,233	\$735,911	\$64,916	\$20,713	\$2,467,578	
Alabama.....	3,451	128,338	47,856			179,945	2,676	1,208			3,984	
Arizona.....		117,068	49,530			166,598						
Arkansas.....	80,858	961,154	525,165		2,885	1,570,062	67,814	47,252		19	115,065	
California.....		137,142	57,822		6,122	201,086	13,974	8,064			22,038	
Colorado.....		961,839	276,530		2,600	1,271,587	92,946	19,013	9,712		130,773	
Connecticut.....						277,225					21,805	
Delaware.....												
District of Columbia.....												
Florida.....		341,906	37,406			379,311						
Georgia.....	14,100	323,443	101,001		1,300	439,544	21,940	6,891		710	29,541	
Idaho.....												
Illinois.....	14,795	1,114,293	319,915	2,399	6,349	1,457,801	62,982	14,614		187	77,483	
Indiana.....	55,385	773,473	289,632	26,624	9,426	1,151,662	17,227	7,178			30,478	
Iowa.....	34,144	1,128,354	419,137	18,221	41,552	1,723,406	96,310	62,193	2,045	826	163,374	
Kansas.....	4,446	575,537	143,779		828	724,390	34,429	17,091			51,520	
Kentucky.....	10,533	220,365	51,474		6,784	289,156	10,281	2,079		1,917	14,277	
Louisiana.....												
Maine.....		156,222	69,973			226,195		6,254			6,254	
Maryland.....												
Massachusetts.....	87,485	3,042,528	1,143,074	83,369	9,151	4,365,607	211,896	110,879	42,102	959	335,556	
Michigan.....	36,517	913,698	302,869	13,111	17,369	1,263,402	56,869	31,745	3,171	142	94,927	
Minnesota.....	23,669	328,663	77,207			429,629	24,571	14,036			37,607	



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mississippi.....	350,176	111,805	461,981	34,069	9,714	43,729
Missouri.....	304,628	71,342	385,970	24,356	21,085	46,041
Montana.....	.....	.....	.....	.....	.....	.....
Nebraska.....	218,987	18,571	237,558	12,161	7,670	19,831
Nevada.....	124,510	47,928	172,438	9,833	10,902	20,765
New Hampshire.....	.....	.....	.....	.....	.....	.....
New Jersey.....	2,254,334	624,080	2,970,030	210,738	51,729	270,343
New Mexico.....	.....	.....	.....	.....	.....	.....
New York.....	1,997,418	590,634	2,680,187	105,440	28,385	146,728
North Carolina.....	62,598	17,430	80,028	4,262	1,370	5,632
North Dakota.....	.....	.....	.....	.....	.....	.....
Ohio.....	1,325,407	440,225	1,808,630	68,586	38,384	94,960
Oklahoma.....	206,404	73,955	287,369	5,780	3,372	9,152
Oregon.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	1,968,044	700,499	2,813,667	249,033	119,133	360,000
Rhode Island.....	239,305	84,303	315,890	18,421	6,800	24,219
South Carolina.....	77,782	13,353	88,135	2,462	322	2,784
South Dakota.....	.....	.....	.....	.....	.....	.....
Tennessee.....	225,555	57,014	285,591	5,038	1,382	6,427
Texas.....	1,375,711	607,647	2,008,708	37,086	14,778	52,764
Utah.....	.....	.....	.....	.....	.....	.....
Vermont.....	645,739	126,564	666,303	57,275	20,532	77,807
Virginia.....	391,801	76,413	472,474	18,056	2,086	21,068
Washington.....	297,159	129,127	431,791	17,832	15,368	33,264
West Virginia.....	220,548	81,947	301,565	6,355	4,345	10,700
Wisconsin.....	383,041	165,014	599,056	30,838	30,457	64,446
Wyoming.....	.....	.....	.....	.....	.....	.....

\* Includes \$21,805 not itemized.

† Includes \$277,225 not itemized.

‡ Estimate also 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.

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.	
United States.....	\$14,955	\$1,114,334	\$208,791	\$3,221	\$1,343,691	\$2,217,838	\$783,036	\$40,278	\$2,941,152	
Alabama.....	3,240	6,330	1,919		11,489	16,517	5,890		22,407	
Arizona.....	4,343	84,730	12,127		101,199	28,042	4,840		104,032	
California.....	1,200	12,988	350		14,538	143,176	52,390		205,744	
Colorado.....	990	55,113	3,064		60,167	20,300	6,795		67,402	
Connecticut.....						87,081	26,301		113,382	
Dist. of Columbia.....	550	5,800	300		6,650	22,044	3,600		25,644	
Florida.....		3,100			3,100	32,107	8,400	1,800	42,307	
Georgia.....		6,177			6,177	120,693	2,500		123,193	
Idaho.....	1,010	61,147	9,302		71,459	120,463	35,484		155,947	
Illinois.....	1,718	92,416	22,033		116,167	127,406	43,142		170,548	
Indiana.....	4,067	41,861	11,438		57,366	79,582	16,309	370	96,261	
Iowa.....		23,300	637		23,937	55,521	14,032		69,553	
Kansas.....		5,923	524		6,447	14,400	6,275		20,675	
Kentucky.....		5,580	990		6,570	23,170	12,945		36,115	
Louisiana.....		25,644	3,456		29,100	15,628	13,364	2,800	31,812	
Maine.....		4,857			4,857	13,682	8,450		22,132	
Massachusetts.....		84,620	23,989		108,609	139,685	76,275	2,213	218,173	
Michigan.....	1,404	43,669	10,040		55,113	42,293	10,051		52,344	
Minnesota.....	800	11,711	10,370		23,881	14,374	10,100		24,474	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mississippi.....	2,700	1,985	2,700	2,000	1,740	3,500
Montana.....	4,425	3,500	5,700	12,600	7,100	20,360
Nebraska.....	33,905	3,650	36,565	32,055	7,100	39,755
Nevada.....	697	2,853	3,650	4,278	1,600	5,878
New Hampshire.....	945	6,300	6,300	6,000	2,400	9,000
New Jersey.....	514	6,150	8,837	20,276	17,945	38,222
New Mexico.....	4,030	120,002	130,154	205,339	60,392	265,731
New York.....	7,680	28,065	106,924	142,008	62,502	206,763
North Carolina.....	4,225	1,011	5,236	22,124	5,047	27,171
North Dakota.....	6,121	4,375	10,496	10,299	2,487	12,786
Ohio.....	46,911	5,358	52,269	133,196	46,266	199,432
Oklahoma.....	23,256	1,733	25,009	61,735	14,428	76,163
Oregon.....	60,015	17,785	78,813	133,150	59,188	199,124
Pennsylvania.....	10,000	2,573	10,582	30,419	3,771	34,190
Rhode Island.....	2,560	2,785	5,355	18,385	5,900	24,285
South Carolina.....	11,833	1,350	13,283	15,700	5,900	21,600
South Dakota.....	11,771	11,771	11,771	88,622	26,700	115,322
Tennessee.....	4,384	4,384	16,100	2,600	18,000	18,000
Texas.....	7,906	7,906	7,326	3,023	10,349	10,349
Utah.....	7,920	2,710	10,630	31,660	13,700	45,360
Vermont.....	20,557	5,829	26,386	48,182	14,739	62,921
Virginia.....	12,194	7,543	19,737	20,814	9,025	29,739
Washington.....	39,563	10,520	51,083	93,517	37,576	131,093
West Virginia.....	2,205	1,000	3,205	6,976	1,700	8,676
Wisconsin.....	800	800	800	25,323	25,323	25,323
Wyoming.....						

u Estimates are included for 47 city school systems not reporting.

u Includes \$5,360 not itemized.

u Includes \$6,580 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.					
	11	12	13	14	15	16	17	18	19	20	21	
United States.....	\$172,517	\$19,996,176	\$8,434,473	\$143,815	\$89,339	\$29,229,744	\$1,604,413	\$722,397	\$28,086	\$13,385	\$2,370,938	
Alabama.....		81,726	27,610			109,335	3,528	444			3,972	
Arizona.....		147,148	13,350			160,498	5,162	200			5,362	
Arkansas.....		152,162	77,498			229,660	7,647	2,129			9,776	
California.....	57,751	1,197,116	654,111	902		1,809,890	73,462	64,152			137,614	
Colorado.....	4,322	1,164,210	78,467			246,999	8,901	4,834			13,735	
Connecticut.....	27,108	875,626	292,664		710	1,196,114	71,907	24,780		34	94,721	
Delaware.....												
District of Columbia.....		75,720	19,246	18,640		112,567	5,160	400	240		6,000	
Florida.....	3,543	126,426	43,118	9,300		182,387	6,127	2,649	180		8,866	
Georgia.....												
Idaho.....		64,392	41,158			105,550	19,550	9,440			28,990	
Illinois.....	23,959	1,346,665	381,029			1,727,293	64,741	19,115			83,856	
Indiana.....	52,182	961,557	431,754	1,200		1,409,611	83,069	26,741			109,810	
Iowa.....	21,416	674,546	300,311		1,177	997,450	50,409	24,281			74,690	
Kansas.....	2,000	312,999	160,188			473,187	22,607	7,311			29,918	
Kentucky.....		115,960	46,614			162,474	5,065	1,288			6,353	
Louisiana.....	2,420	125,364	74,696			202,870	700	680			1,340	
Maine.....	9,616	48,471	31,631		9,840	273,638	23,385	9,666			33,051	
Maryland.....		63,431	39,631			103,062	3,730	8,132			13,862	
Massachusetts.....	26,331	1,669,867	654,633	2,676	2,367	2,356,494	131,640	82,767	121	283	214,791	
Michigan.....	53,083	648,529	375,116		9,651	1,176,803	57,168	29,801		1,540	91,172	
Minnesota.....	20,403	157,342	119,401		1,520	1,290,326	19,213	12,520			31,733	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mississippi	144,837	77,640	222,477	1,050	1,000	2,070
Missouri	144,672	51,568	196,140	9,438	4,284	13,724
Montana	344,456	110,153	454,609	36,235	11,281	47,516
Nebraska	39,114	16,750	55,864	8,979	2,214	11,193
Nevada	1,890	28,416	30,306	14,100	1,000	15,100
New Hampshire	4,317	112,506	116,823	29,102	15,000	44,102
New Jersey	93,800	590,673	684,473	202,273	67,555	269,828
New Mexico	35,712	15,485	51,197	2,662	1,000	3,662
New York	1,568,968	661,838	2,230,806	100,839	46,849	149,688
North Carolina	263,969	109,077	373,046	5,433	1,606	7,039
North Dakota	121,171	42,960	164,131	9,742	3,656	13,398
Ohio	1,367,729	654,563	2,022,292	110,279	31,774	142,053
Oklahoma	394,432	170,605	565,037	15,394	10,435	25,829
Oregon	75,330	32,670	108,000	1,500	3,000	4,500
Rhode Island	1,915,203	616,745	2,531,948	227,272	100,731	328,003
South Carolina	117,446	32,218	149,664	3,265	1,848	5,113
South Dakota	112,715	57,865	170,580	8,023	3,661	11,684
Tennessee	38,847	3,220	42,067	5,578	5,404	11,072
Texas	561,853	265,712	827,565	20,268	9,436	29,704
Utah	129,602	34,166	163,768	11,000	1,400	12,400
Vermont	83,690	50,637	134,327	6,208	3,404	9,612
Virginia	252,032	75,762	327,794	6,208	3,404	9,612
Washington	313,949	200,486	514,435	16,365	18,426	34,791
West Virginia	244,069	81,940	326,009	14,924	3,824	18,748
Wisconsin	655,759	331,680	987,439	45,809	24,375	70,184
Wyoming	36,198	15,724	51,922	3,400	1,913	5,313

4 Included in column 12.  
 11 Estimates are included for 47 city school systems not reporting.  
 12 Includes \$80,424 not itemized.  
 13 Includes \$2,657 not itemized.  
 14 Estimated.

TABLE 81.—Summary of expenses of instruction in public day schools, 1917-18—Continued.

GROUP IV.—CITIES OF 5,000 TO 10,000 POPULATION.<sup>11</sup>

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 kindergarten and elementary grades in junior high schools).	Secondary (high).	Other schools.	Total.	
United States.....	2	3	4	5	6	7	8	9	10	
Alabama.....	\$2,813	\$610,431	\$89,407	\$135	\$716,256	\$1,073,798	\$623,293	\$8,666	\$1,708,735	
Arizona.....		172	43		215	7,515	3,772		11,287	
Arkansas.....		6,660	1,450		8,110	13,753	4,460		18,213	
California.....		1,350	900		2,250	4,620	4,220		8,840	
Colorado.....		16,605	5,450		22,055	61,427	24,320		85,747	
Connecticut.....		20,764	1,925		22,689	28,880	12,340		41,220	
Delaware.....		21,605	2,138		23,743	14,471	10,867		25,338	
District of Columbia.....		6,075			6,075	16,875	11,200		28,075	
Florida.....		2,430			2,430	15,232	9,250		24,482	
Georgia.....		4,950			4,950	13,334	5,118		18,452	
Idaho.....		33,725	3,469		37,194	71,462	23,812		95,274	
Illinois.....	990	38,001	19,238		57,229	66,660	36,469		103,129	
Indiana.....		8,776	228		9,004	5,758	6,389		12,147	
Iowa.....		1,935	1,000		2,935	23,100	17,560		40,660	
Kentucky.....		800			800	12,108	7,146		19,254	
Louisiana.....		20,717	5,058		25,775	47,470	1,480		48,950	
Maine.....		1,720			1,720	15,482	12,060		27,542	
Maryland.....		32,130	9,298		41,428	12,462	60,630		73,092	
Massachusetts.....	425	14,873	3,704		19,002	63,384		1,000	64,384	
Michigan.....		42,736	1,300		44,036	42,787	27,372		70,159	
Minnesota.....						24,811	26,020		50,831	

\*.

Mississippi.....	5,765	900	6,665	25,003	12,670	37,653
Montana.....	9,380	3,883	13,263	24,071	12,245	36,316
Nebraska.....	8,917	360	12,647	14,397	9,728	27,106
Nevada.....	3,601		3,601	6,650	6,700	13,350
New Hampshire.....	57,276	2,600	60,166	65,425	33,425	98,850
New Jersey.....	1,860		1,860	5,300	2,900	8,200
New Mexico.....	24,240	9,028	33,268	17,618	16,093	33,711
New York.....	2,900		2,900	7,180	6,270	13,450
North Carolina.....	45,781	9,835	57,016	67,112	35,145	102,257
Ohio.....	10,402		10,402	23,691	5,490	29,181
Oklahoma.....	5,801	2,855	8,656	10,975	10,985	21,870
Oregon.....	57,580	3,127	60,707	64,549	66,533	131,082
Pennsylvania.....	7,454	806	7,760	11,039	3,000	14,039
Rhode Island.....	8,300	3,850	12,250	8,107	7,010	15,117
South Carolina.....	675		675	7,390	6,030	13,420
South Dakota.....	12,988		12,988	51,481	21,947	73,428
Tennessee.....	3,607		3,607	9,574	1,250	10,824
Texas.....	7,548	2,392	9,940	3,454	6,375	9,829
Utah.....	2,910		2,910	7,920	2,070	9,990
Vermont.....	2,910		2,910	12,354	6,428	18,780
Virginia.....	10,732	1,416	12,148	29,547	12,236	41,783
Washington.....	17,689	4,775	22,599	30,846	19,051	57,863
West Virginia.....	1,800		1,800	11,962	4,950	16,932
Wisconsin.....						
Wyoming.....						

Estimates are included for 93 cities not reporting.

Includes \$3,370 not itemized.

Includes \$2,861 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 kindergarten and elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.	
1	11	12	13	14	15	16	17	18	19	20	21	
United States.....	\$181,249	\$12,988,055	\$5,769,815	\$68,968	\$21,910	\$19,134,076	\$991,110	\$460,694	\$12,107	\$1,525	\$1,476,743	
Alabama.....		67,161	23,303			90,464	2,630	1,544			4,174	
Arizona.....	7,205	204,700	74,022	2,700		288,627	11,753	5,885			18,638	
California.....	23,521	335,723	287,125			646,369	19,762	500	1,046		1,262	
Colorado.....		226,959	107,538			334,497	19,768	24,019			43,787	
Connecticut.....	4,166	444,563	125,446		113	574,316	13,754	6,147			19,901	
Delaware.....							33,360	11,030		29	44,419	
District of Columbia.....												
Florida.....		98,425	38,200			136,625	2,500				2,500	
Georgia.....		199,934	74,017			273,951	10,714	1,375			12,089	
Idaho.....												
Illinois.....	2,755	111,045	55,164			166,209	4,105	4,366			8,471	
Indiana.....	3,168	877,154	246,137			1,126,299	40,975	15,505			56,480	
Iowa.....	5,524	470,908	209,137	2,075		707,228	17,241	13,560			30,801	
Kansas.....	6,945	209,205	107,292			322,021	13,868	8,940			22,808	
Kentucky.....		330,486	144,748			452,179	17,821	9,147			26,968	
Louisiana.....	500	175,523	59,201			235,224	3,060	1,258			4,327	
Maine.....		49,275	26,100			75,375						
Massachusetts.....	2,521	275,965	100,873	1,300	1,400	382,500	26,821	11,709	817		39,347	
Michigan.....	7,532	61,139	36,514			105,185	3,586	4,084			7,670	
Minnesota.....	27,142	1,119,053	469,851			1,596,046	94,073	62,968			157,041	
Missouri.....		490,494	270,147	1,200	3,031	764,872	42,574	15,947			58,521	
Montana.....	16,735	617,359	244,711	8,810	8,038	794,670	52,844	33,462	1,976		88,280	



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Mississippi.....	7,000	151,999	63,339	222,248	4,848	2,585	7,434
Missouri.....		271,847	132,980	424,827	19,742	7,846	27,588
Montana.....		86,883		86,883	10,706		10,706
Nebraska.....	4,229	117,534	87,593	286,778	25,798	11,675	48,581
Nevada.....		78,392	30,199	108,591	15,403	3,305	18,798
New Hampshire.....	26,286	686,119	292,838	1,008,243	73,038	26,245	99,303
New Jersey.....	650	31,710	17,241	49,601	477		477
New Mexico.....							
New York.....		493,487	217,661	703,496	28,415	14,057	44,380
North Carolina.....		268,745	60,745	268,973	260	140	400
North Dakota.....		42,800		42,800	3,345	5,840	9,145
Ohio.....	11,522	941,619	484,239	1,455,400	56,969	20,927	77,928
Oklahoma.....		124,366	54,767	179,133	3,423	1,586	5,019
Oregon.....		147,200	70,314	217,514	6,925	2,345	9,270
Pennsylvania.....	6,188	1,506,035	499,950	2,026,983	213,422	81,811	288,573
Rhode Island.....		168,570	21,632	190,202	17,475	1,213	18,688
South Carolina.....	540	113,863	51,460	165,323	1,760	2,318	4,298
South Dakota.....		100,165	58,240	158,405	10,734	2,660	13,394
Tennessee.....		60,317	43,850	104,167	225	900	1,125
Texas.....	4,320	435,311	222,860	672,491	15,480	3,733	19,223
Utah.....		80,673	-6,219	66,892	12,463	*	12,463
Vermont.....	1,360	88,077	48,662	137,889	11,625	5,798	17,423
Virginia.....		125,197	42,888	168,085	738	100	1,838
Washington.....		108,128	47,626	156,052	7,107	2,682	9,789
West Virginia.....		166,253	99,541	262,814	7,231	2,008	9,839
Wisconsin.....	9,471	291,399	188,121	513,408	21,619	19,316	44,865
Wyoming.....		73,555	33,625	107,180	9,872	5,850	15,722

\* Estimates are included for 93 cities not reporting.

\* Includes \$106,079 not itemized.

\* Includes \$11,307 not itemized.

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.

States.	Taxation.							Bonds and sinking funds (hundreds of dollars).				Expenses of debt service.						Value of school properties (thousands of dollars).	
	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.	Redemption of bonds by payment from—			Payments to sinking funds.	Redemption of short-term loans.	Payment of interest on indebtedness.	Refunds.	18	19
											Current funds.	Sinking funds.	Issue of new bonds.						
U. S. . . . .	1,300	\$44,195,356	\$59,081,348	75	\$300,997,090	5.09	1,283	\$6,201,333	\$1,260,082	\$854,431	\$6,469,384	\$4,499,236	\$1,936,851	\$4,038,667	\$5,694,067	\$14,635,004	\$318,208	\$1,268,933	
Ala. . . . .	10	213,747	421,116	51	1,054,994	2.51	0	33,375	2,085	1,311	29,000	25,000	75,000	67,776	47,000	77,733	120	5,039	
Ark. . . . .	8	136,967	233,967	59	878,274	3.75	1	14,550	1,060	40	29,000	5,000	5,000	5,000	5,000	75,248	200	3,382	
Ark. . . . .	13	80,460	183,785	44	912,848	4.37	13	13,285	673	40	29,000	1,000	2,000	2,000	4,250	39,027	200	5,151	
Calif. . . . .	40	1,748,706	3,022,238	58	14,274,922	4.72	41	241,101	323	24,953	793,176	92,176	323	78,278	20,235	829,183	94	56,864	
Calif. . . . .	21	535,964	545,369	98	3,510,333	6.44	18	20,480	3,476	734	38,000	46,532	207,000	25,167	20,500	110,732	5,797	10,370	
Conn. . . . .	34	1,169,830	1,309,035	89	6,337,122	4.94	18	94,087	1,984	1,684	136,175	48,000	207,000	25,167	20,500	276,427	684	28,965	
Del. . . . .	1	67,459	67,459	100	440,793	3.04	1	3,765	10	623	10,000	12,500	14,000	72,354	523,630	16,988	1,270		
D. C. . . . .	4	41,611	618,822	67	2,048,178	3.31	4	14,517	51,730	1,161	70,000	12,500	14,000	72,354	523,630	16,988	1,270		
Fla. . . . .	4	27,070	488,531	67	991,368	3.43	4	49,625	2,198	1,200	10,000	10,000	14,000	6,000	15,000	119,191	401	13,682	
Fla. . . . .	17	424,670	688,783	62	2,002,806	2.93	7	49,625	2,198	1,200	10,000	10,000	14,000	6,000	15,000	119,191	401	13,682	
Idaho . . . . .	6	45,513	66,477	68	419,307	3.21	7	11,010	191	960	9,000	9,000	16,000	22,653	4,800	78,490	3,371	2,212	
Ill. . . . .	81	390,329	4,401,777	32	28,050,227	6.31	7	11,010	191	960	376,282	54,870	16,000	39,227	138,337	418,927	12,682	108,447	
Iowa . . . . .	56	751,585	1,643,387	46	8,546,238	5.20	59	85,858	6,038	6,938	262,034	287,709	75,000	28,256	217,748	288,243	8,096	33,530	
Iowa . . . . .	31	170,794	733,374	23	7,089,152	9.66	37	82,990	2,331	1,978	46,000	45,000	221,900	25,000	15,120	388,958	332	22,574	
Kans. . . . .	28	489,585	538,212	88	4,021,144	7.20	33	47,167	2,544	4,233	34,083	149,047	17,968	128,988	17,968	218,011	6,622	13,062	





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 property value.	Amount derived from tax on property.	Average rate of taxation for all school purposes (mills per dollar).	School systems reporting.	School bonds outstanding.	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	51	827,731,813,834,888,089	79,8165,372,829	4.74	49,83,899,546	81,137,297,966	919,181,305,250	1,201,500,1150,000	82,437,727	31,821,727	53,725,836	1,07,937	1,566	847,731,619	2,56					
Alabama	1	104,000	186,091	55	599,040	3.17	1	12,335	807	1,311	25,000	44,000	25,000	1,67,776						
Arizona	1																			
Arkansas	3	1,221,778	2,073,723	59	9,374,273	4.52	3	142,611	1,318											
California	1	331,091	331,091	100	1,834,110	5.60	3	19,420												
Colorado	3	365,664	369,477	99	2,223,914	6.02	3	19,420												
Connecticut	1	44,011	618,822	67	2,048,178	3.31	1	47,259												
Delaware	1	188,454	314,056	60	921,442	2.93	1	47,259												
Dist. Columbia	1	1,062,960	3,188,840	33	19,558,481	6.13	1	804,832												
Florida	1	252,498	420,830	60	1,767,486	4.30	1	23,598												
Georgia	1																			
Idaho	1																			
Illinois	1																			
Indiana	1																			
Iowa	1																			
Kansas	1																			

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Kentucky.....	220,620	220,620	100	838,358	3.80	1	9,673															4,047	
Louisiana.....	337,627	450,169	75	1,181,695	2.63	1	11,320															4,318	
Maine.....																						6,992	
Maryland.....	804,433	804,433	100	2,469,609	3.07	1	33,000															29,784	
Massachusetts.....	2,726,157	2,064,160	97	9,722,626	4.64	5	212,733	1,111,297	446,573					485,063	607,445	29,784						38,745	
Michigan.....	1,548,777	2,138,481	72	8,790,335	4.11	2	133,680	17,122	83,000						61,540	1,976						21,257	
Minnesota.....	352,662	881,730	40	4,104,563	4.72	2	97,895	2,300						150,000	626,607	14,241						14,241	
Mississippi.....																							
Missouri.....	571,910	1,072,665	53	5,025,770	4.69	2	86,615	19,978						135,140	336,329	226						29,830	
Montana.....																							
Nebraska.....	49,958	249,760	20	1,748,530	7.00	1	29,150	2,337					0,000	92,974	4,233	132,905	1,557					5,660	
Nevada.....																							
New Hampshire.....																							
New Jersey.....	987,498	1,226,881	76	6,991,601	5.65	3	163,402	14,322	100,736	20,000			10,000	196,967	475,024	23,307							
New Mexico.....																							
New York.....	9,629,351	9,928,710	98	49,041,332	4.94	5	1,315,292	4,167	179,500					76,500	100,000	419,740	50	178,875					
North Carolina.....																							
North Dakota.....																							
Ohio.....	2,776,399	2,978,823	93	13,090,130	1.32	5	230,138	30,432	154,700	120,000				382,241	736,162	568						46,314	
Oklahoma.....																							
Oregon.....	288,901	411,463	79	1,972,156	4.55	1	8,185	2,709						50,000	32,446	7,791							
Pennsylvania.....	2,532,344	2,793,458	92	14,223,838	5.09	3	292,413	3,941	318,500					600,739	100,012	1,324,632	13,102					62,890	
Rhode Island.....																							
South Carolina.....	402,565	402,565	100	1,566,091	3.96	1	36,990	14,516						57,960	139,500	4,666							
South Dakota.....																							
Tennessee.....	200,549	334,248	60	811,638	2.43	2	31,653	2,535						58,000	90,592	4,210							
Texas.....																							
Utah.....																							
Vermont.....																							
Virginia.....	186,000	196,000	80	869,000	4.40	1	22,931																
Washington.....																							
West Virginia.....	312,586	646,036	48	2,603,512	4.01	2	87,890	2,149	2,163	281,000					395,126	155						12,134	
Wisconsin.....																							
Wyoming.....	539,457	539,457	100	1,946,991	3.70	1	45,138	1,990	3,200	320,000				331,000	196,016	7,724							

\* 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.

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 value of property.	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.						
United States.	141	\$7,682,857	\$10,547,887	73	\$17,969,281	5.50	135	\$1,012,034	\$76,276	\$72,269	\$2,179,080	\$1,455,604	\$624,500	\$1,138,474	\$672,138	\$3,532,213	\$73,722	\$226,252					
Alabama.	2	69,972	133,520	45	249,510	1.87	2	18,250	140						47,000	2,836			1,141				
Arizona.	1	40,400	80,800	50	404,000	5.00	1	4,485			10,500	29,000	207,000	15,700	5,000	99,596			1,352				
Arkansas.	4	229,411	372,961	62	2,083,765	5.61	4	35,203	272	1,832	135,403	29,000	4,000	17,883	17,883	17,883			7,269				
California.	2	41,890	41,890	100	364,862	8.71	1	2,580	1,160	17									832				
Colorado.	4	427,098	502,290	85	1,969,647	3.72	4	55,940	10	1,496	84,000		207,000	15,700	5,000	198,738			8,922				
Delaware.	1	87,459	87,459	100	440,783	5.04	1	3,765	10	623						16,968			1,270				
Dist. Columbia.	2	68,541	97,631	70	544,518	6.56	2	13,627	51,620	1,099	70,000	12,500	14,000	72,354	15,000	109,412	40,000		2,433				
Florida.	3	143,514	239,357	60	734,092	3.07	1	800*	2,188		10,000					16,559			1,270				
Georgia.	4	116,107	452,446	26	3,038,403	6.71	4	24,452	5,003	2,152	99,477	19,870		39,250	91,683	143,445	12,354		12,991				
Idaho.	7	165,440	372,326	44	1,912,620	6.14	4	37,941	1,570	7,290	84,100	19,000		25,000	120,618	77,194			7,781				
Illinois.	5	91,601	376,316	24	3,593,796	9.53	3	47,445	1,245	1,405	48,000	13,000		25,000	184,224	184,224	277		0,302				
Iowa.	3	244,322	244,322	100	2,050,130	8.39	3	17,852	1,148	1,472	52,000			39,323	298	85,000			4,238				
Kansas.	3																						

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	3	76,822	96,040	80	348,196	3.83	3	6,927	2,142	697	600	17,400	11,178	50	2,053
Kentucky	1	76,927	96,159	80	103,856	2.02	1	10,130							
Maine	17	1,129,503	1,129,503	100	6,743,589	5.97	17	122,731							
Maryland	8	306,337	411,921	74	2,278,828	5.53	7	20,190							
Massachusetts	1	65,287	195,851	33	955,802	4.88	1	16,410							
Michigan	3	84,367	176,534	48	982,158	5.56	3	22,738							
Minnesota	1	33,000	100,000	50	652,500	6.25	1	2,200							
Mississippi	1	13,794	68,970	20	504,998	7.32	1	4,628							
Montana	1	79,520	78,560	100	437,580	5.50	1	2,962							
Nebraska	10	665,102	683,102	100	3,139,643	7.73	10	128,133							
Nevada	12	594,605	701,094	85	4,755,770	6.78	12	74,714							
N. Hampshire	1	25,002	85,540	30	97,516	1.14	1	2,400							
N. Jersey	6	702,640	77,379	100	3,755,223	5.00	6	53,137							
New Mexico	1	77,379	77,379	100	680,161	8.79	1	18,157							
New York	12	576,941	691,054	67	5,421,750	6.29	15	118,754							
North Carolina	2	112,822	113,922	100	588,616	5.17	2	11,830							
North Dakota	1	28,000	54,762	42	184,000	3.36	1	230							
Ohio	1	77,379	77,379	100	680,161	8.79	1	18,157							
Oklahoma	1	77,379	77,379	100	680,161	8.79	1	18,157							
Oregon	12	576,941	691,054	67	5,421,750	6.29	15	118,754							
Pennsylvania	2	112,822	113,922	100	588,616	5.17	2	11,830							
Rhode Island	1	28,000	54,762	42	184,000	3.36	1	230							
South Carolina	1	77,379	77,379	100	680,161	8.79	1	18,157							
South Dakota	1	77,379	77,379	100	680,161	8.79	1	18,157							
Tennessee	2	81,500	198,333	41	655,200	3.30	2	4,640							
Texas	6	567,403	538,353	67	2,044,122	2.92	6	59,070							
Utah	1	178,000	178,000	100	1,097,350	5.94	1	17,140							
Vermont	2	150,026	228,483	65	547,062	2.39	3	12,173							
Virginia	1	57,346	114,092	50	487,441	4.25	1	9,000							
Washington	1	114,913	138,297	83	717,202	5.19	2	10,840							
West Virginia	4	152,735	178,929	85	1,014,047	5.07	4	11,796							
Wyoming	1	77,379	77,379	100	680,161	8.79	1	18,157							

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).								
	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 bonds outstanding.		Total amount in sinking funds.		Redemption of bonds by payment from—		Issue of new bonds.		Payments to sinking funds.		Redemption of short-term loans.		Payment of interest on indebtedness.		Refunds.		Value of school properties (thousands of dollars).						
	10	9	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	18	19	15	16	17	18	19	18	19	18	19						
United States.....	331,485,063	579,437,048,759	664,843,924,199	66	843,924,199	5.75	270	\$616,553	\$20,775	\$46,617	\$1,260,462	\$848,012	\$598,346	\$509,898	\$1,779,430	\$2,603,280	\$101,288	\$211,999	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....					
Alabama.....	4	27,175	83,605	51	150,844	2.81	1	700	240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....					
Arizona.....	2	44,500	32,000	74	299,500	4.83	2	9,100	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Arkansas.....	2	14,500	27,000	47	174,000	5.04	1	2,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
California.....	12	102,918	377,638	57	1,021,278	3.06	11	37,172	22,862	22,862	78,225	48,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Colorado.....	3	51,465	51,465	100	335,471	6.52	3	6,480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Connecticut.....	13	261,149	319,437	88	1,639,789	5.13	8	13,877	1,226	12	41,175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
Delaware.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Dist. Columbia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Florida.....	5	90,500	84,228	71	225,045	2.67	1	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Georgia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho.....	1	19,000	19,000	100	152,000	8.00	1	4,050	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Illinois.....	24	127,822	446,323	28	3,940,345	7.46	21	26,507	1,099	3,889	155,100	25,750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	17	227,060	606,641	26	3,517,150	5.81	17	22,755	523	1,374	91,720	129,820	75,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	11	39,647	208,545	22	2,925,624	9.78	11	23,999	244	305	24,000	24,000	173,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas.....	7	114,427	102,520	76	839,798	5.17	9	12,250	260	1,940	14,068	28,022	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Kentucky.....	4	35,330	4,53,012	67	163,050	3.06	1	20	0	21,000							745	1,144
Louisiana.....	2	20,117	54,221	37	158,250	2.91	1	2,170	21,000								845	1,055
Maryland.....	2	32,822	75,168	76	249,477	3.32	1	1,250									668	1,938
Massachusetts.....	28	641,471	675,785	95	3,944,813	6.83	90	16,124	828	1,148	95,650	2,631	7,500	38,670	105,996	1,726	39,670	16,455
Michigan.....	14	254,220	284,619	95	2,269,734	8.34	10	14,248	449	305	57,209	15,000	10,000	10,000	77,276	1,726	105,996	8,900
Minnesota.....	1	63,089	145,922	43	629,734	5.83	1	9,300	2,860	38	10,500	11,000	11,000	6,651	90,503	85,740	90,503	2,637
Mississippi.....	1	14,609	20,714	76	58,000	5.83	1	8,100		1,933	6,000	6,000	6,000	5,000	32,825	535	32,825	1,203
Missouri.....	5	20,947	58,142	34	311,277	5.35	5	10,200		760	8,000	10,000	10,000	4,778	39,859	36,859	39,859	1,761
Montana.....	3	48,671	109,502	44	691,627	6.32	3	750		10	9,000				6,320		6,320	2,608
Nebraska.....	1	2,700	12,500	20	124,200	9.20	1	3,345	58	3,260	57,500	4,500	4,500	2,000	28,944	28,944	28,944	2,567
Nevada.....	4	54,475	65,757	98	383,121	6.91	4	2,340	179	331	57,500	4,500	4,500	9,489	11,321	11,321	11,321	13,326
N. Hampshire.....	1	15,746	15,746	100	125,929	8.00	1	2,340		179	57,500	4,500	4,500	9,489	11,321	11,321	11,321	13,326
New Jersey.....	22	408,574	538,780	72	3,844,648	6.89	34	50,488	70	1,068	232,947				222,948	2,655	222,948	15,704
New Mexico.....	1	70,088	190,013	44	275,864	1.72	3	8,485	13	1,068	9,000	9,000	9,000	1,425	26,875	23,471	26,875	2,159
New York.....	1	523,715	623,053	83	2,749,800	5.23	18	65,446	69	7	15,000	15,000	15,000	5,000	6,340	6,340	6,340	1,262
North Carolina.....	18	94,052	116,050	81	1,069,779	9.19	5	16,122	3,284	7,478	142,000	40,167	40,167	53,000	303,312	2,363	303,312	18,813
Ohio.....	5	94,052	116,050	81	1,069,779	9.19	5	16,122	2,781	1,994	235,362				217,287		217,287	5,680
Oklahoma.....	1	12,600	18,579	68	91,980	4.95	1	1,210	395	5,655	58,300				54,000	7,203	54,000	418
Oregon.....	24	297,798	525,919	57	3,364,301	6.40	33	79,685	5,841	6,555	95,300	85,029	160,279	140,917	431,837	286,450	4,609	20,203
Pennsylvania.....	5	145,015	168,645	86	866,197	3.56	2	6,495	410	4,317	5,500	3,000	3,000	2,000	10,990	6,110	10,990	2,886
Rhode Island.....	1	7,051	22,953	33	61,204	2.67	1	1,220	645	1,565					26,865		26,865	1,370
South Carolina.....	2	44,590	44,590	100	364,867	8.18	2	4,405							12,000		12,000	1,088
South Dakota.....	1	12,600	18,579	68	91,980	4.95	1	1,210	395	5,655	58,300				54,000	7,203	54,000	418
Tennessee.....	9	140,914	207,917	68	755,029	3.63	10	30,500	2,000	1,322	16,500	16,500	16,500	54,816	102,099	102,099	7,632	
Texas.....	1	28,393	35,874	93	182,829	5.10	1	3,800		1,071	7,000				16,300	201	16,300	901
Utah.....	3	26,108	61,610	75	241,518	4.73	3	5,285							5,700		5,700	970
Virginia.....	3	49,378	94,117	99	191,611	2.28	1	4,000		770	7,000				16,200		16,200	2,407
Washington.....	4	42,926	102,140	63	497,703	4.87	4	15,870	1,811	231	17,000	13,000	13,000	40,945	78,745	78,745	3,239	
West Virginia.....	3	96,226	102,200	92	715,224	5.62	2	13,192	120	2,566	38,890	10,966	10,966	11,250	47,757	47,757	2,670	
Wisconsin.....	12	205,139	320,597	92	1,512,621	5.43	1	10,880		1,116	37,069	50,000	50,000	19,500	90,481	90,481	41,041	7,586
Wyoming.....	1	12,300	18,579	75	42,365	2.63	1	880							3,600		3,600	2,715

\* 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 \$2,039,417,000, the estimated true value of the 89 cities of this group which did not report this item.  
 \* Not including \$11,726,643, 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.

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 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.			
United States.	448	\$2,702,491	\$4,266,478	63	\$23,915,921	5.61	381	\$405,434	\$12,494	\$24,774	\$1,035,817	\$555,068	\$163,405	\$516,165	\$566,865	\$1,652,600	\$43,089	\$110,738		
Alabama.	3	22,607	44,000	50	53,600	1.24	2	570	25	40	24,000	4	2,460	2,460	2,460	20	982			
Arizona.	2	6,372	144,707	4	136,880	2.23	3	5,450			19,000		28,104		28,104		1,485			
Arkansas.	3	9,752	26,464	37	136,880	5.18	3	12,510			28,250		1,000		4,250		688			
California.	9	59,043	108,506	54	562,591	5.18	6	12,510		69	31,000	4,000			61,631		3,010			
Colorado.	7	70,324	78,012	90	562,522	7.61	0	3,865	721	643	11,000	8,000			31,170		1,778			
Connecticut.	13	90,668	112,498	81	562,522	5.18	2	2,850	668			4,000			500		3,367			
Delaware.																				
Dist. Columbia.																				
Florida.																				
Georgia.	6	28,677	40,483	71	104,502	2.58	3	750												
I Idaho.	2	16,503	25,857	64	146,777	5.77	2	3,510		547	74,260	4,000	15,683		17,777		799			
Illinois.	22	87,308	241,808	27	1,566,481	6.58	29	13,206	427	326	40,339	7,000	1,793		5,000		161			
Indiana.	22	87,308	241,808	27	1,566,481	6.58	29	13,206	183	961	40,339	101,234	21,894		1,883		8,068			
Iowa.	5	5,043	32,179	23	110,375	9.65	5	7,350	225	383	14,000	22,000			35,763		5,044			
Kansas.	10	94,843	108,461	87	783,161	7.31	9	10,094	599	383	7,369	41,643	46,257		49,079		6,580			

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	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
Kentucky	31,973	67,210	183,265	3,381	7	4,510	13,000	5,700	21,984	13	1,580																																																																																																																																																																																							
Louisiana	3,500	10,500	21,000	2,000	3	700	10,000	1,417	3,200	1,600	2,360																																																																																																																																																																																							
Maine	63,814	89,136	352,901	3,966	3	950	10,000	1,417	3,200	1,600	2,360																																																																																																																																																																																							
Maryland	23,731	72,733	273,306	3,068	1	243	5,580	1,417	68,929	4,098	10,464																																																																																																																																																																																							
Massachusetts	387,376	2,531,456	6,533	22	20,155	188,085	1,100	9,400	42,806	1,804	5,424																																																																																																																																																																																							
Michigan	113,488	136,072	863,026	6,341	19	9,000	63,176	2,337	43,441	1,300	7,033																																																																																																																																																																																							
Minnesota	30,666	230,798	358,420	6,983	14	21,735	46,500	29,922	18,100	1,536	3,886																																																																																																																																																																																							
Mississippi	42,028	178,725	4,283	4	462	2,700	2,000	7,347	33,416	3,886	5,843																																																																																																																																																																																							
Missouri	27,427	60,762	492,986	5,49	10	9,800	17,750	3,000	6,898	2,580	6,638																																																																																																																																																																																							
Montana	7,412	20,168	74,980	3,72	2	1,485	3,000	3,000	6,898	2,580	6,638																																																																																																																																																																																							
Nebraska	12,091	63,455	573,762	9,04	7	10,361	2,000	30,000	36,386	57	2,580																																																																																																																																																																																							
Nevada	30,181	30,181	159,041	5,27	18	33,827	2,000	20,794	1,673	669	6,638																																																																																																																																																																																							
N. Hampshire	145,496	186,094	1,201,807	6,49	2	2,835	67,894	711	140,413	11,890	408																																																																																																																																																																																							
New Jersey	...	...	...	...	...	...	...	...	...	...	...																																																																																																																																																																																							
New Mexico	...	...	...	...	...	...	...	...	...	...	...																																																																																																																																																																																							
New York	97,523	145,699	1,007,074	6,91	22	17,399	88,937	1,000	907,145	79,140	2,998																																																																																																																																																																																							
North Carolina	33,504	118,030	131,776	1,12	6	3,135	20,807	7,477	7,477	1,400	5,286																																																																																																																																																																																							
North Dakota	2,625	10,500	58,275	5,58	1	900	10,000	1,000	1,000	1,333	1,239																																																																																																																																																																																							
Ohio	302,981	398,897	1,830,537	3,84	30	51,378	82,292	162,374	39,438	223,638	142	13,615																																																																																																																																																																																						
Oklahoma	24,756	47,262	248,064	5,25	4	7,964	1,483	7,500	33,297	1,785	1,785																																																																																																																																																																																							
Oregon	28,310	40,123	218,639	5,45	4	7,128	5,000	3,000	39,041	1,432	1,432																																																																																																																																																																																							
Pennsylvania	248,696	477,524	3,088,685	7,97	66	68,602	133,519	152,389	258,766	12,094	17,479																																																																																																																																																																																							
Rhode Island	18,000	51,000	362,671	6,58	1	1,000	80,421	207,094	1,222	1,222	1,222																																																																																																																																																																																							
South Carolina	12,859	51,730	145,010	2,85	4	3,800	7,072	13,651	15,625	1,267	1,267																																																																																																																																																																																							
South Dakota	41,734	87	418,717	9,98	4	3,800	5,500	1,396	28,057	1,110	1,110																																																																																																																																																																																							
Tennessee	7,564	14,232	60,512	4,25	4	1,900	10,250	1,396	4,800	865	865																																																																																																																																																																																							
Texas	37,322	76,622	312,699	9,06	2	10,833	2,250	1,127	46,022	1,755	4,194																																																																																																																																																																																							
Utah	6,500	6,500	62,400	7,60	2	1,750	1,000	7,958	6,008	821	821																																																																																																																																																																																							
Vermont	35,454	46,709	267,277	5,72	3	2,210	2,000	1,250	9,808	78	1,099																																																																																																																																																																																							
Virginia	10,689	20,638	75,317	3,65	1	40	800	800	144	1,099	1,099																																																																																																																																																																																							
Tennessee	7,564	14,232	60,512	4,25	4	1,900	10,250	1,396	4,800	865	865																																																																																																																																																																																							
Texas	37,322	76,622	312,699	9,06	2	10,833	2,250	1,127	46,022	1,755	4,194																																																																																																																																																																																							
Utah	6,500	6,500	62,400	7,60	2	1,750	1,000	7,958	6,008	821	821																																																																																																																																																																																							
Vermont	35,454	46,709	267,277	5,72	3	2,210	2,000	1,250	9,808	78	1,099																																																																																																																																																																																							
Virginia	10,689	20,638	75,317	3,65	1	40	800	800	144	1,099	1,099																																																																																																																																																																																							
Washington	16,081	34,627	142,048	4,10	4	6,515	5,000	20,875	27,098	1,070	1,070																																																																																																																																																																																							
West Virginia	61,117	83,158	396,339	6,93	5	10,635	40,802	500	46,328	18	2,170																																																																																																																																																																																							
Wisconsin	104,960	126,456	727,615	6,80	10	6,940	27,000	21,482	18,768	18	4,158																																																																																																																																																																																							
Wyoming	31,603	26,354	171,040	4,70	3	2,568	3,000	2,500	2,500	1,067	1,067																																																																																																																																																																																							

\* Not including \$99,554,000, the estimated assessed valuation of the 181 cities of this group which did not report this item.  
 † Not including \$1,000,760,000, the estimated true value of the 181 cities of this group which did not report this item.  
 ‡ Not including \$9,085,937, 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).	
	1	2	3	4	5	6	7	8	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 and dividends.	Refunds.	18	19	
United States.	331	\$1,014,883	\$9,725,155	68	11	\$9,814,880	5.66	428	\$267,766	\$14,250	\$23,839	\$679,775	\$409,053	\$400,600	\$286,398	\$623,907	\$1,031,081	\$52,376	\$62,088			
Alabama.	1	7,196	7,196	100	100	50,064	6.98	3	1,400	1,600	1,600	19,320	1,000	75,000	5,000	5,100	100	623				
Arizona.	7	15,778	42,021	38	38	197,868	4.71	10	3,015	675	675	15,500	15,000	1,000	1,000	14,495	200	274				
California.	12	45,658	89,396	51	51	324,016	3.62	15	13,259	62	130	15,500	15,000	12,000	12,000	25,735	20	768				
Colorado.	8	41,154	42,911	96	96	362,038	8.44	8	5,500	277	31	7,000	13,532	13,276	28,738	1,500	1,249					
Connecticut.	1	4,260	6,313	80	80	21,250	4.00	1	2,000							1,796		1,019				
Delaware.																						
Dist. Columbia.																						
Florida.	2	5,950	10,900	36	36	46,850	4.30	2	800	110	62											
Georgia.	2	5,546	5,500	64	64	17,726	3.19	1	575		50											
Idaho.	3	10,010	21,620	47	47	117,520	5.46	4	4,360	191	403	47,445	5,000		7,000	4,800	10,649	1,896				
Illinois.	18	18,812	71,920	24	24	527,472	4.26	19	5,611	409	26	47,445	5,250		2,000	2,000	25,267	76				
Indiana.	12	18,853	38,841	49	49	245,472	4.22	17	3,764	55	250	15,125	8,645		6,362	17,877	75,680	1,762				
Iowa.	10	11,443	56,341	20	20	558,357	9.87	15	14,000	78	28	8,000	10,000	13,500								
Kansas.	8	35,983	42,909	84	84	338,055	7.68	12	6,973	537	438	12,000	33,900		27,072		27,072					

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	5	8,865	14,383	62	44,110	3,07	7	1,675	94	115	1,000	4,975	4,071	1,000	1,738	563
Kentucky.....	2	3,004	4,604	75	24,028	6,00	2	470			3,500				2,000	182
Louisiana.....															1,650	870
Maryland.....															308	308
Massachusetts.....	12	31,385	34,171	92	269,820	7,90	7	2,665	277		17,225				3,665	4,021
Michigan.....	13	126,637	157,263	81	917,780	5,84	17	34,332	371	280	40,500	4,000	4,000	1,300	154,677	113
Minnesota.....	12	22,064	58,542	38	508,637	8,65	12	11,153	680	17	8,519	5,000	1,054	532	13,611	2,351
Mississippi.....	3	10,635	14,470	73	60,040	3,46	1	50							7,125	337
Missouri.....	17	25,708	73,280	35	325,868	4,45	13	3,981	333	333	3,000	33,100	11,676		19,105	1,353
Montana.....	3	8,982	26,510	35	75,770	2,89	2	1,695		158	2,000	5,000			4,475	4,422
Nebraska.....	5	3,068	20,340	18	167,246	8,22	3	1,410	370	19		9,012	4,000		2,227	315
Nevada.....																
N. Hampshire.....																
N. Jersey.....	5	17,441	24,370	71	117,008	4,76	18	14,568	158	54	41,600	2,900	5,878	6,395	76,619	175
New Mexico.....	1	5,473	7,500	75	68,438	9,38	4	3,110	50	62			1,500		10,764	2,115
New York.....	21	56,137	92,884	60	668,177	7,09	59	27,081	10		183,970	500	372,013		129,687	3,433
North Carolina.....	6	18,954	49,596	38	67,455	1,36	3	880	110	80			500	1,483	4,173	4,474
North Dakota.....	2	3,833	13,979	27	92,799	6,41	2	28,276	1,296	14,063	36,360	12,100	1,914	29,061	6,040	420
Ohio.....	25	170,283	238,922	71	838,943	3,41	30	41,876	1,296	2,850	3,120	12,733	10,960	4,908	48,853	3,861
Oklahoma.....	7	16,283	30,865	53	220,316	7,14	11	11,876							51,584	1,438
Oregon.....	5	16,817	27,332	62	207,172	7,58	7	6,455	437	30	4,000	3,000	67,502	2,651	11,068	1,022
Pennsylvania.....	48	90,781	162,668	56	1,125,154	6,92	58	26,010	3,274	977	63,147	57,888	86,853	86,853	102,135	6,749
Rhode Island.....	2	3,478	11,487	30	21,257	1,85	2	390		20		2,062	2,062		2,045	173
South Carolina.....	2	8,683	10,678	82	115,602	10,93	4	2,435	844	401	51,429	29,500	11,890	3,115	26,801	602
South Dakota.....																
Tennessee.....	3	2,856	13,324	22	24,914	1,87	4	1,150	85	7					6,100	338
Texas.....	13	11,928	70,147	56	262,736	3,60	15	6,835	40	690	12,900	9,384	28,797	2,000	22,811	1,819
Utah.....	3	1,705	14,376	19	79,197	5,32	4	2,635	138	138	4,000	6,000			488	488
Vermont.....	3	3,006	14,376	43	72,171	2,79	3	1,546	85	600	4,000				2,349	565
Virginia.....	3	8,762	16,857	52	46,000	2,37	2	480			14,448		125	5,000	85	261
Washington.....	8	16,877	34,123	49	199,472	5,85	9	6,507	1,375	214	18,000	11,000	19,411	6,777	32,847	1,107
West Virginia.....	5	21,343	24,004	89	151,970	6,33	5	1,759	67	37		16,800	6,000		7,836	716
Wisconsin.....	12	42,997	50,045	86	322,334	6,44	14	5,115	680	126	43,667	16,865	8,000	73,637	15,819	2,528
Wyoming.....																

\* Not including \$2,609,699,000, the estimated assessed valuation of the 831 cities of this group which did not report this item.  
 † Not including \$4,514,129,000, the estimated true value of the 831 cities of this group which did not report this item.  
 ‡ Not including \$25,556,069, 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.	Population, 1910.		School census.		School census age.	Super-intendents.	Super-visors.	Principals.	Teachers.				Enrollment.			Aggregate attendance.	Average daily attendance.	Number of schools (kindergarten not included).	Number of private schools (partly estimated).			
	Male.	Female.	Male.	Female.					Male.	Female.	Male.	Female.	Male.	Female.	Male.					Female.	Male.	Female.
Alabama:																						
Birmingham.....	132,685		19,704	20,786	7-21	2	10	27	92	630	14,891	16,085	3,754,154	21,302	59	58						
California:																						
Los Angeles.....	379,198					4	65	137	449	2,805	45,361	45,328	12,149,416	65,672	283	302						
San Francisco.....	150,174					3	15	39	111	884	16,675	18,008	5,002,113	26,464	52	52						
Columbia:																						
Columbia.....	416,912					6	10	80	93	1,446	30,853	30,411	8,998,484	46,384	92	92						
Connecticut:																						
Bridgeport.....	213,381		27,529	28,947	6-21	3	10	55	97	696	20,597	20,876	5,639,784	30,651	77	67						
Illinois:																						
New Haven.....	102,061		17,140	17,154	4-16	2	8	28	30	563	17,555	11,326	3,511,613	19,344	34	37		5,060				
Westville district.....	133,665		17,530	17,531	4-16	4	12	.....	80	725	14,732	14,879	4,625,317	24,856	52	55						
District of Columbia:																						
District of Columbia.....	331,069		32,349	33,478	5-17	3	18	24	219	1,636	29,717	31,819	8,270,461	47,838	182	182						
Georgia:																						
Atlanta.....	154,839		13,081	13,081	6	2	8	64	68	676	14,202	15,882	4,592,340	25,513	64	64						
Illinois:																						
Chicago.....	2,185,283		379,434	392,514	1-21	14	28	296	728	7,172	186,392	181,833	58,038,900	318,118	296	298		161,000				
Indiana:																						
Indianapolis.....	233,650		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.....	221,928		27,973	28,281	6-20	6	11	51	75	782	15,769	16,629	4,375,271	23,825	66	63		12,000				
Louisiana:																						
New Orleans.....	339,075		40,416	41,773	6-18	3	2	65	71	1,230	22,221	25,370	6,457,637	36,117	88	124						
Maryland:																						
Baltimore.....	388,485		49,681	50,374	6-18	7	7	104	246	2,198	40,751	40,890	10,546,704	59,552	110	164						
Massachusetts:																						
Boston.....	686,092		68,378	68,379	5-16	6	45	88	435	2,799	69,367	64,481	18,660,852	102,464	91	283		27,467				
Cambridge.....	104,839		7,118	7,459	5-21	2	2	32	46	484	7,755	7,604	2,432,474	13,652	32	33		4,585				
Fall River.....	119,265		12,742	12,868	5-16	2	2	32	41	544	8,511	8,511	2,530,984	13,827	56	53		6,855				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

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Lowell	106,204	7,246	7,301	7-11	4	7	11	27	332	6,745	6,450	1,906,550	11,065	45	51	6,947
Worcester	145,686	15,077	14,940	5-16	4	7	46	61	774	13,881	13,737	4,007,589	22,715	75	75	5,311
Detroit	465,764	93,022	92,232	5-20	4	24	138	282	2,582	96,280	98,552	15,455,804	84,922	145	138	35,084
Grand Rapids	112,571	16,962	17,100	5-20	2	15	43	77	668	9,615	9,657	2,681,622	15,682	47	38	7,437
Minneapolis	301,408	32,716	33,423	6-16	5	7	76	173	1,462	28,533	29,880	8,817,069	49,448	88	82	7,970
St. Paul	214,744	15,514	15,465	6-16	4	15	57	108	876	15,514	15,463	4,726,333	25,515	66	62	9,558
St. Louis	245,381	30,433	30,321	6-20	10	12	60	223	1,168	24,177	25,583	7,053,940	37,128	88	85	10,000
St. Paul	687,029	79,643	79,643	6-20	5	39	110	214	2,200	52,148	53,466	15,901,086	81,128	127	127	30,000
Omaha	150,355	20,538	20,909	5-20	2	10	56	50	915	15,088	15,418	4,612,605	24,833	57	59	.....
New Jersey	267,779	.....	.....	.....	2	10	41	82	882	21,510	20,944	6,527,531	33,736	39	37	.....
Jersey City	247,469	.....	.....	.....	4	23	52	222	1,721	38,014	37,208	10,964,186	56,997	74	70	12,835
Newark	125,600	.....	.....	.....	1	22	25	59	561	11,620	11,264	3,287,112	18,676	37	28	4,000
Paterson	.....	.....	.....	.....	1	10	28	35	381	6,560	6,298	1,964,044	10,152	25	24	7,099
New York	100,233	10,055	9,452	4-18	1	15	28	32	1,994	35,068	33,533	9,776,994	50,655	74	80	32,197
Albany	423,715	57,944	57,338	4-18	7	15	47	212	1,894	47,839	45,506	13,203,287	703,807	547	633	19,685
Buffalo	4,786,883	29,492	29,222	4-18	3	19	83	153	21,343	16,584	16,259	5,076,538	28,755	48	46	.....
New York	218,146	16,287	15,863	4-17	2	5	38	70	567	11,991	11,818	3,479,010	19,545	38	38	.....
Rochester	137,249	.....	.....	.....	2	5	38	70	567	11,991	11,818	3,479,010	19,545	38	38	.....
Syracuse	.....	.....	.....	.....	2	5	38	70	567	11,991	11,818	3,479,010	19,545	38	38	.....
Ohio	368,784	46,010	47,748	6-21	3	11	66	320	1,318	26,901	26,755	7,732,824	41,352	76	76	.....
Cincinnati	566,476	103,999	99,818	6-20	7	43	122	324	3,828	57,012	55,304	17,036,394	94,167	120	115	.....
Cleveland	181,511	21,668	21,760	6-21	2	10	60	122	878	15,337	15,756	3,355,709	26,244	63	60	.....
Columbus	116,577	16,475	16,210	6-21	1	9	29	85	512	10,839	10,403	2,858,570	17,484	40	41	.....
Dayton	168,467	26,675	25,472	6-21	2	15	45	78	888	17,017	16,579	5,031,585	27,493	54	50	.....
Toledo	.....	.....	.....	.....	2	15	45	78	888	17,017	16,579	5,031,585	27,493	54	50	.....
Oregon	207,214	24,863	25,255	4-19	3	7	32	134	974	19,539	20,698	5,603,940	29,340	70	61	.....
Portland	.....	.....	.....	.....	3	7	32	134	974	19,539	20,698	5,603,940	29,340	70	61	.....
Pennsylvania	1,549,008	158,121	156,141	6-16	15	63	205	810	5,397	131,545	131,146	36,901,440	192,185	216	308	74,154
Philadelphia	533,905	51,791	50,781	6-16	10	10	128	308	2,066	45,567	44,263	13,772,265	68,841	140	134	30,241
Pittsburgh	129,867	16,504	16,505	6-16	1	11	28	73	597	12,562	12,422	3,879,915	19,897	71	46	6,071
Scranton	.....	.....	.....	.....	1	11	28	73	597	12,562	12,422	3,879,915	19,897	71	46	6,071
Rhode Island	224,320	28,374	28,261	4-17	4	5	24	111	984	19,081	18,966	5,107,962	29,538	114	101	7,683
Providence	.....	.....	.....	.....	4	5	24	111	984	19,081	18,966	5,107,962	29,538	114	101	7,683
Tennessee	131,105	18,948	19,286	6-21	1	6	34	64	597	9,932	11,297	2,527,050	14,865	37	34	.....
Memphis	110,364	15,260	16,259	6-21	1	8	34	44	318	8,586	9,263	2,396,523	13,389	36	36	.....
Nashville	127,628	16,635	18,309	7-20	3	3	27	135	770	12,043	14,200	3,661,630	20,220	49	45	1,960
Virginia	237,194	30,681	31,160	4-21	4	13	65	204	1,092	21,994	22,436	6,212,121	33,905	84	84	6,484
Richmond	104,462	12,373	12,526	5-21	1	8	27	83	459	9,670	10,238	2,724,148	15,149	58	58	1,747
Washington	373,857	63,429	62,892	4-19	3	9	69	90	1,266	30,864	30,310	9,232,749	48,339	75	71	25,838
Spokane	.....	.....	.....	.....	3	9	69	90	1,266	30,864	30,310	9,232,749	48,339	75	71	25,838
Wisconsin	.....	.....	.....	.....	3	9	69	90	1,266	30,864	30,310	9,232,749	48,339	75	71	25,838
Milwaukee	.....	.....	.....	.....	3	9	69	90	1,266	30,864	30,310	9,232,749	48,339	75	71	25,838

1 Excluding pupils enrolled in other schools within the State during the year.  
 2 Division as to sex estimated.  
 3 Includes Westville district in population only.  
 4 Reported in 1916; division as to sex estimated.  
 5 Reported in 1916.



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.	Super-intendents.	Super-visors.	Prin-cipals.	Teachers.				Enrollment.		Aggregate attendance.	Aver-age daily attend-ance.	Num-ber of schools (kindergartens not includ-ed).	Num-ber of school build-ings.	Enroll-ment in private schools (partly esti-mated).						
	2	3	Male.	Female.					Male.	Female.	Male.	Female.	Male.	Female.						Male.	Female.	14	15	16	17
Alabama:																									
Mobile.....	51,521	5,950	6,575	7-21	1	5	6	8	9	10	11	12	13	14	15	16	17	2,529							
Montgomery.....	36,136	4,410	5,148	7-21	1	2	1	1	10	130	2,816	3,335	4,292	747,125	5,646	14	14	2,529							
Arkansas:																									
Little Rock.....	45,941	7,297	7,691	6-21	1	4	1	10	25	275	5,110	5,530	5,398	1,448,550	8,325	24	23	1,000							
California:																									
Perris.....	40,434				1	3	1	18	44	286	5,213	5,398	4,292	1,378,662	7,336	19	44								
San Bernardino.....	30,291				1	9	10	10	39	279	4,024	5,213	5,497	1,030,570	6,216	25	50	500							
Sacramento.....	44,686				2	8	17	17	35	337	5,474	5,497	5,497	1,374,250	7,943	27	35								
San Diego.....	39,378				1	20	24	24	40	287	5,725	5,849	5,849	1,501,558	8,396	29	32								
Colorado:																									
Fountain.....	41,385	3,095	3,251	6-21	1	7	6	6	17	113	1,960	2,060	2,060	623,376	3,281	9	12								
District No. 1.....					1	5	8	8	8	146	2,689	2,738	2,738	673,639	3,877	13	12								
District No. 20.....					1	15	21	21	76	597	8,597	12,850	12,850	3,124,060	17,356	18	18								
Connecticut:					1	6	6	6	13	156	2,757	2,579	2,579	719,877	4,018	18	18								
Hartford.....	98,915	11,568	17,351	4-16	1	15	17	17	36	284	4,972	5,062	5,062	1,346,540	7,500	17	16	4,516							
Meriden.....	32,066	3,778	3,764	4-16	1	3	3	3	33	431	7,681	7,639	7,639	2,351,340	13,063	35	34	4,000							
New Britain.....	43,916	7,040	7,040	4-16	1	13	13	13	23	33	9	353	5,991	7,355	10,237	32	32								
Waterbury.....	73,141	11,475	11,478	4-14	1	1	1	1	9	9	26	26	26	1,852,994	10,237	32	32								
Delaware:																									
Wilmington.....	87,411	7,250	8,068	6-14	1	3	3	3	23	287	5,900	6,797	6,797	1,586,668	9,334	32	31								
Florida:																									
Tallahassee.....	57,699																								
Winnipegville.....	37,782																								
Georgia:																									
Atlanta.....	41,040	6,578	7,231	6-18	1	2	2	2	25	237	4,111	5,435	5,435	1,375,480	8,650	16	19	1,105							
Macon.....	40,685	9,170	9,582	6-18	1	3	3	3	20	225	5,571	6,109	6,109	1,517,760	8,252	54	49								
Savannah.....	65,664	6,181	7,881	6-18	2	3	3	3	16	200	5,696	6,323	6,323	1,641,672	9,224	18	18								





TABLE 81.—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	Popu- lation, 1910.	School census.		School census age.	Super- inter- nents.	Super- visors.	Prin- cips.	Teachers.				Enrollment.		Aver- age daily attend- ance.	Num- ber of schools (kinder- garden not includ- ed).	Num- ber of school build- ings.	Enroll- ment in private schools (partly attend- ed).	
		Male.	Female.					Male.	Female.	Male.	Female.	Male.	Female.					
																		9
Michigan:																		
Bay City	45,166	7,207	6,864	5-19	2	8	18	25	216	3,381	3,819	3,819	3,819	20	18	2,877		
Calumet	32,945	3,740	3,968	5-19	1	3	11	23	192	2,841	2,919	2,919	2,919	20	23	1,893		
Flint	38,430	7,186	7,229	5-19	1	2	14	19	320	5,824	5,961	5,961	5,961	14	13	1,524		
Jackson	41,835	4,035	4,125	5-19	2	4	4	15	165	3,460	3,514	3,514	3,514	19	19	1,522		
Kalamazoo	39,437	5,232	5,232	5-19	1	9	10	34	231	3,867	3,799	3,799	3,799	15	13	1,300		
Leaning	31,220	5,155	5,232	5-19	1	2	2	12	200	4,167	4,228	4,228	4,228	19	17	745		
Stow	50,510	4,473	4,520	5-19	1	7	7	20	130	2,645	2,557	2,557	2,557	14	13	900		
East side	3,613	3,613	3,529	5-19	1	7	7	6	101	4,968	2,401	2,401	2,401	10	11	900		
West side	78,466	5,487	8,455	6-16	1	14	28	47	444	8,064	8,229	8,229	8,229	52	38			
Minnesota:																		
Duluth	32,073	4,265	4,472	6-20	1	2	10	21	155	4,272	4,441	4,441	4,441	118	18	190		
Maple	77,403	11,000	8,164	6-20	1	5	38	41	381	6,115	6,393	6,393	6,393	43	38	1,865		
St. Joseph	35,201	4,341	4,543	6-20	2	9	2	18	294	3,893	3,860	3,860	3,860	21	20	580		
St. Cloud	39,105	11,423	11,366	6-21	2	8	14	23	270	4,720	4,797	4,797	4,797	24	24			
Nebraska:																		
Lincoln	43,973	6,455	6,502	4-20	1	8	20	26	312	5,428	5,523	5,523	5,523	19	19			
New Hampshire:																		
Manchester	70,063	7,579	7,588	5-16	1	6	4	15	221	3,841	3,928	3,928	3,928	23	27	7,585		
New Jersey:																		
Atlantic City	46,150				1	10	12	31	263	4,450	4,398	4,398	4,398	13	13	773		
Bayonne	55,545				1	6	13	42	340	6,616	6,387	6,387	6,387	13	13			
Camden	94,538				1	2	24	16	462	8,626	8,499	8,499	8,499	38	36	3,216		
East Orange	34,371				1	5	10	21	277	4,121	4,041	4,041	4,041	10	10			
Elizabeth	73,409	12,524	12,196	6-18	1	19	19	312	6,232	6,020	6,020	6,020	6,020	20	19	5,087		
Hoboken	70,324				1	1	10	25	306	5,623	5,421	5,421	5,421	10	10	2,443		

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Pasaic	54,773	3,303	3,191	4-18	1	1	1	23	305	5,812	5,083	1,692,582	9,300	12	3,046
Perth Amboy	32,127	3,822	3,759	4-18	1	1	1	14	182	4,115	3,916	1,173,180	6,481	15	1,492
Trenton	96,815	3,707	3,500	7-16	1	1	1	41	509	8,898	8,898	2,462,952	12,964	33	7
West Hoboken	35,403	3,852	3,852	4-18	1	1	1	8	156	3,511	3,412	1,080,927	5,515	7	
New York:															
Amsterdam	31,267	3,303	3,191	4-18	1	1	1	12	121	2,234	2,127	737,280	3,850	13	
Auburn	34,668	3,759	3,822	4-18	1	1	1	17	179	2,414	2,524	750,533	4,014	15	1,792
Binghamton	48,443	3,707	3,500	7-16	1	1	1	25	319	4,480	4,379	1,282,121	6,856	16	
Elmira	37,176	2,682	2,606	7-16	1	1	1	15	172	3,239	3,117	861,817	4,723	12	
Jamestown	31,297	3,852	3,852	4-18	1	1	1	18	225	3,475	3,541	1,066,264	5,566	16	
Mount Vernon	30,919	4,307	4,345	4-18	1	1	1	14	221	3,475	3,524	1,193,672	6,546	14	409
Saugerties	30,445	3,015	3,966	4-18	1	1	1	16	215	3,756	4,373	1,141,500	5,914	14	
Schenectady	72,826	10,402	10,475	4-18	1	1	1	26	483	7,844	7,973	2,433,421	13,074	24	
Trenton district:															
Union district	78,813	5,215	5,408	5-18	1	1	1	17	205	2,871	2,628	882,266	4,902	15	
Utah:															
LaSangburgh district	78,813	3,378	3,285	6-18	1	1	1	4	61	915	973	284,053	1,518	6	425
Yonkers	14,530	12,528	12,428	4-18	1	1	1	27	391	7,588	7,403	2,011,974	10,589	24	
North Carolina:															
Charlotte	34,014	5,969	6,944	6-21	2	4	4	54	521	8,731	8,596	2,498,367	14,155	23	
Ohio:															
Akron	68,067	16,068	16,037	6-21	1	5	5	11	161	3,564	4,081	837,397	5,368	11	38
Canton	60,217	9,597	8,818	6-21	1	5	5	49	526	13,273	13,360	4,346,929	23,953	32	
Hamilton	38,279	4,511	4,428	6-21	1	8	8	21	311	5,998	5,636	1,726,192	9,580	28	
Lima	30,508	7,831	7,659	6-21	1	6	6	28	130	2,642	2,690	785,156	4,405	13	1,764
Springfield	46,921	11,333	11,237	6-21	1	4	4	33	215	4,651	5,149	1,369,369	8,145	23	1,400
Youngstown	79,066	8,989	9,547	6-20	1	6	6	72	487	9,454	9,458	2,847,174	15,906	42	
Oklahoma:															
Okmulgee	64,205	6,161	6,358	6-16	1	6	6	32	385	8,328	9,058	2,104,314	11,946	34	
Atoka	51,912	5,458	5,415	6-16	1	5	5	20	218	6,085	6,109	1,790,785	9,166	26	1,324
Broken Arrow	52,177	4,483	4,483	6-16	1	4	4	36	242	4,940	4,916	1,428,401	8,115	28	
Bethlehem	34,527	4,178	4,178	6-16	1	6	6	13	141	3,293	3,411	985,850	5,202	18	2,481
Chester	64,526	5,840	5,840	6-16	1	6	6	19	200	3,419	3,483	1,055,972	6,924	22	
Enid	64,198	3,633	3,633	6-16	1	3	3	39	353	6,575	6,766	2,038,808	10,194	21	5,585
Harrisburg	30,167	6,452	6,199	6-16	1	3	3	24	272	6,268	6,358	1,832,362	10,276	32	
Haskell	55,482	5,468	5,362	6-16	1	3	3	24	124	3,994	3,421	1,073,420	5,620	13	
Johnstown	47,227	4,388	4,388	6-16	1	9	9	44	268	4,748	4,799	1,491,893	8,292	25	
Lancaster	42,664	3,800	3,800	6-16	1	16	16	25	154	3,620	3,567	1,134,879	5,760	20	4,169
McKeesport	36,290	3,966	3,966	6-16	1	10	10	36	205	4,194	4,304	1,236,120	6,884	16	1,561
New Castle	86,071	9,866	9,810	6-16	1	12	12	13	207	4,192	4,357	1,243,620	6,909	14	800
Reading	67,106	7,840	8,163	6-16	1	10	10	57	317	6,378	6,017	2,012,578	13,194	48	3,026
Wilkes-Barre	31,860	2,921	3,104	6-16	1	4	4	27	134	3,122	3,045	2,031,620	10,799	25	2,010
Williamsport	44,750	4,086	4,086	6-16	1	10	10	39	194	3,823	3,807	1,119,680	6,075	14	852
Yonkers	51,622	3,832	3,774	5-17	1	6	6	15	292	4,466	4,390	1,215,826	6,800	24	
Yonkers	38,125	4,861	5,186	5-17	1	5	5	9	143	2,344	2,402	707,070	3,626	22	3,436
South Carolina:									150	3,007	3,938	955,042	5,292	8	
Charleston	56,833							4							

\* Estimated.

\* Statistics of 1915-16.



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.	Super-intendents.	Super-visors.	Prin-cipals.	Teachers.		Enrollment.		Aggregate attendance.	Aver-age daily attendance.	Num-ber of school build-ings.	Enroll-ment in private schools (nearly esti-mated).		
		Male.	Female.					Male.	Female.	Male.	Female.						
		3	4					5	6	7	8					9	10
Tennessee:																	
Chattanooga	44,804	6,307	6,817	6-21	1	0	16	15	207	4,189	4,614	1,051,783	6,150	17	16	391	
Knoxville	36,346	12,532	13,827	6-21	1	0	23	39	283	6,730	7,216	1,768,764	11,266	43	39		
Texas:																	
Dallas	82,104	13,500	13,790	7-17	1	8	34	51	651	10,551	11,556	2,686,816	15,266	34	34		
El Paso	39,279	7,060	7,916	7-17	2	6	4	29	306	6,125	6,856	1,532,092	8,528	17	15	3,000	
Ft Worth	73,312	7,873	7,874	7-17	2	6	22	14	348	7,408	8,250	1,867,256	10,842	28	28		
Galveston	36,981	4,302	4,434	7-17	1	6	10	12	142	2,768	2,948	716,022	4,091	11	10		
Houston	78,800	13,370	13,381	7-17	2	11	33	62	430	11,981	11,981	2,674,463	13,439	55	51	1,000	
San Antonio	96,614	16,720	15,757	7-17	1	5	34	45	449	11,512	11,889	2,747,407	15,435	38	96		
Utah:																	
Salt Lake City	92,777	14,594	14,590	6-18	2	14	1	60	641	12,138	12,203	3,500,414	19,665	36	36		
Virginia:																	
Norfolk	67,432	9,801	9,800	7-20	1	0	0	39	448	7,921	7,920	2,797,200	13,988	120	120		
Portsmouth	54,190	3,864	3,938	7-20	1	0	6	11	124	2,087	3,021	821,560	4,370	17	16	760	
Rosemead	34,874	4,490	4,631	7-20	1	5	14	6	202	4,186	4,500	1,164,800	6,656	14	14	1,076	
Washington:																	
Tacoma	83,743	11,658	11,989	6-21	2	12	27	58	383	7,955	8,303	2,249,894	12,362	34	32	1,341	
West Virginia:																	
Huntington	31,161	5,479	5,408	6-21	1	9	9	40	246	4,035	4,390	1,044,556	6,073	23	23	2,800	
Wheeling	41,641	5,011	5,162	6-21	1	6	10	13	194	2,837	3,080	690,856	5,059	14	14		
Wisconsin:																	
La Crosse	30,417	4,335	4,588	4-20	1	5	8	24	130	2,682	3,001	822,092	4,512	14	14	1,535	
Onitash	33,062	4,744	4,775	4-20	1	4	13	30	157	2,869	3,112	821,026	4,210	14	13	2,122	
Racine	38,002	6,667	6,744	4-20	1	7	13	11	214	4,823	5,115	1,355,681	7,020	19	17	1,777	
Superior	40,384	5,381	5,381	4-20	1	4	0	40	183	3,362	3,650	1,025,810	7,399	14	11	4,727	



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.	Population, 1910.	School census.		School census age.	Super-intendents.	Super-visors.	Prin-cipals.	Teachers.				Enrollment.				Average daily attendance.	Number of schools (kindergarten not included).	Number of private schools (partly estimated).
		Male.	Female.					Male.	Female.	Male.	Female.	Male.	Female.	Total.	Total.			
Connecticut—Continued.																		
Torrington	16,840	2,532	2,532	4-16	1	2	7	9	83	1,940	1,985	1,985	1,985	3,229	14	13	897	
Wallingford	11,155	1,132	1,185	4-16	1	4	4	7	67	1,457	1,378	1,378	1,378	1,888	16	16	310	
Windsor	12,004	1,378	1,010	4-16	1	1	2	3	50	791	832	832	1,380	7	7	1,124		
Florida:																		
Loy West	19,845	2,720	3,832	6-20	1	1	4	4	117	1,800	2,700	2,700	622,589	17	17	699		
Georgia:																		
Altoona	14,913	2,300	1,763	6-18	1	1	4	8	79	1,441	1,504	1,504	2,120	11	12	459		
Barnesville	10,125	1,617	1,828	6-18	1	1	4	8	38	984	1,012	1,012	1,574	6	4	15		
Columbus	20,628	2,669	2,832	6-18	1	4	17	17	96	2,330	2,546	2,546	3,621	13	16	300		
Rome	12,609	1,335	1,340	6-18	1	1	6	6	60	1,145	1,511	1,511	324,316	10	13	94		
Waycross	14,468	1,357	1,246	6-18	1	1	8	2	50	1,120	1,367	1,367	1,945	9	8	0		
Iowa:																		
Boke	17,358	2,622	2,802	6-21	1	3	1	16	100	2,092	9,107	9,107	529,379	10	10	0		
Illinois:																		
Alton	17,528	4,208	4,048	6-21	1	3	7	9	107	1,904	1,815	1,815	556,608	15	15	1,235		
Aurora	29,807	3,582	3,680	6-21	1	4	3	14	93	1,804	1,541	1,541	473,622	11	10	1,988		
East side	21,122	1,716	1,828	0-21	1	1	1	9	54	908	1,008	1,008	268,554	5	6	320		
West side	21,122	4,692	4,661	0-21	2	3	1	7	62	1,507	1,449	1,449	499,474	5	9	1,332		
Bloomington	25,768	4,609	4,669	0-21	1	5	1	12	113	1,949	2,087	2,087	571,216	12	12	1,107		
Chicago	14,548	2,124	2,381	6-21	1	2	1	7	61	1,274	1,307	1,307	359,055	12	12	503		
Clinton	10,433	1,488	1,445	6-21	1	3	1	12	55	1,194	1,230	1,230	339,789	10	10	122		
Campan	12,421	1,730	1,669	6-21	1	8	1	9	78	1,411	1,453	1,453	414,782	7	7	841		
Chicago Heights	14,521	1,680	1,669	6-21	1	4	1	0	61	1,483	1,429	1,429	456,379	12	12	2,017		
Chicago	14,521	1,680	1,669	6-21	1	4	1	8	110	2,718	2,451	2,451	830,946	12	12	507		
Crown	27,871	4,094	4,190	0-21	1	2	4	2	10	2,004	2,117	2,117	600,943	9	9	1,124		
Danville	25,976	3,647	3,913	0-21	2	4	12	19	138	2,133	2,140	2,140	713,360	12	12	1,124		

## STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

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City	Enrollment	Teachers	Salaries	Expenses	Income	Property	Land	Buildings	Equipment	Other	Notes							
Evansville	21,978	2,304	2,405	6-21	4	8	3	58	1,371	1,513	453,797	2,521	8	4	9	12	9	570
Dist. No. 78	17,667	1,267	1,414	6-21	1	1	0	34	1,339	1,548	280,142	1,612	4	4	9	12	9	350
Dist. No. 76	22,098	2,303	2,302	6-21	1	1	13	115	2,040	2,241	469,901	2,611	9	9	13	12	9	600
Chicago	15,226	2,859	2,823	6-21	1	6	4	63	1,367	1,560	312,928	1,778	13	13	10	10	10	700
Jacksonville	13,895	2,260	2,339	0-21	2	4	2	77	1,397	1,380	449,122	2,470	10	10	10	10	10	1,240
Kankakee	11,507	2,738	2,457	0-21	1	1	2	34	1,697	1,845	291,439	1,070	5	5	5	5	5	1,230
La Salle	10,802	2,286	2,238	6-21	1	3	4	49	787	846	404,415	1,515	4	4	4	4	4	718
Lawrence	11,165	1,914	1,914	6-21	1	1	4	64	1,284	1,429	447,288	2,189	8	8	8	8	8	1,041
Macon	21,198	4,171	4,665	6-21	1	8	8	123	2,493	2,515	708,898	3,157	13	13	14	14	14	919
Moline	19,444	3,471	3,642	6-21	1	2	4	139	2,545	2,454	771,328	3,197	8	8	13	14	14	718
Oak Park	21,535	3,921	3,921	6-21	1	6	4	131	2,589	2,601	667,899	4,047	14	14	15	15	15	1,041
Rock Island	14,252	3,023	3,023	6-21	1	5	2	58	1,055	1,137	318,004	1,653	14	14	15	15	15	919
Streator	16,000	2,641	2,842	6-21	1	3	3	63	1,429	1,330	432,742	2,339	7	7	10	10	10	919
Wheaton	22,478	4,024	3,831	6-21	1	4	14	106	2,302	2,228	669,591	3,783	12	12	12	12	12	905
Indianapolis	19,098	4,465	3,783	6-21	1	7	22	120	2,171	2,075	612,551	3,174	8	8	16	16	16	1,760
East Chicago	19,292	2,728	2,566	6-21	1	5	9	98	1,869	1,774	568,370	3,286	11	11	10	10	10	308
Elkhart	11,028	1,807	1,697	5-21	1	2	0	49	1,194	1,277	359,946	2,000	6	6	6	6	6	308
Garfield	16,807	5,856	5,281	6-21	1	5	23	115	3,965	3,833	1,025,005	5,324	13	13	11	11	11	1,502
Hammond	20,925	4,855	4,470	6-21	1	5	13	150	2,970	2,788	799,710	4,209	12	12	12	12	12	1,800
Harrisburg	16,772	1,613	1,689	6-21	1	1	6	42	1,203	1,244	324,352	1,857	6	6	6	6	6	450
Jeffersonville	10,412	1,330	1,441	6-21	1	2	6	42	1,203	1,244	324,352	1,857	6	6	6	6	6	450
Kokomo	20,010	2,982	2,899	6-21	1	10	19	100	2,615	2,419	625,828	3,438	10	10	10	10	10	334
Lebanon	17,645	2,787	2,787	6-21	1	4	16	83	1,610	1,500	364,400	1,601	4	4	4	4	4	500
Lepore	10,524	1,654	1,662	6-21	1	5	7	43	908	1,000	204,400	1,601	4	4	4	4	4	500
Madison	19,650	2,321	2,319	6-21	1	3	8	96	1,728	1,829	507,890	3,203	13	13	13	13	13	160
Marion	19,027	2,871	2,871	6-21	1	3	8	100	2,073	2,072	507,890	3,203	13	13	13	13	13	160
Michigan City	11,866	2,054	2,054	6-21	1	5	11	77	1,301	1,314	418,128	1,724	14	14	14	14	14	160
Missawauke	21,005	4,298	4,298	6-21	1	6	6	63	1,012	1,020	244,800	1,724	9	9	9	9	9	500
Muncie	20,629	3,825	3,453	6-21	1	10	26	138	2,577	2,607	571,089	3,173	9	9	9	9	9	332
New Albany	10,910	1,444	1,444	6-21	1	2	9	88	1,707	1,740	512,614	2,890	14	14	14	14	14	330
Peru	28,324	2,731	2,731	6-21	1	10	34	103	2,164	2,231	597,020	3,320	8	8	7	7	7	500
Richmond	14,895	2,312	2,312	6-21	1	6	22	74	1,694	1,712	450,104	2,501	10	10	11	11	11	450
Rock	10,347	1,372	1,331	5-21	1	1	7	71	1,214	1,248	360,141	2,046	8	8	8	8	8	450
Boonville	24,324	2,905	3,013	5-21	1	1	14	161	1,020	1,068	633,713	3,462	13	13	13	13	13	457
Clinton	25,577	2,948	2,948	5-21	1	1	5	161	1,020	1,068	633,713	3,462	13	13	13	13	13	457
Council Bluffs	29,292	3,947	4,072	5-21	1	2	4	183	3,465	3,465	911,600	5,300	16	16	16	16	16	457
Fort Dodge	18,643	1,299	1,354	5-21	1	1	8	67	702	702	238,374	1,394	9	9	10	10	10	286
Iowa City	10,091	1,354	1,354	5-21	1	1	3	70	1,163	1,260	338,374	1,394	9	9	10	10	10	286
Kearney	13,863	1,597	1,597	5-21	1	3	3	70	1,163	1,260	338,374	1,394	9	9	10	10	10	286
Marshalltown	13,878	2,063	2,063	5-21	1	1	9	92	1,837	1,877	445,128	2,917	11	11	11	11	11	286
Mason City	11,230	2,150	2,150	5-21	1	2	10	108	2,143	2,000	584,260	2,917	9	9	11	11	11	286
Muscatine	10,178	1,943	2,032	5-21	1	2	8	91	1,345	1,345	398,646	2,215	9	9	12	12	12	368
Ottumwa	22,012	3,348	3,348	5-21	1	5	11	153	2,548	2,632	784,546	4,123	10	10	10	10	10	368
Waterloo	26,080	2,653	2,724	5-21	1	9	5	110	1,702	1,756	523,100	2,828	9	9	9	9	9	100
West side	1,943	1,726	1,726	5-21	1	4	4	84	1,371	1,437	425,076	2,420	7	7	7	7	7	100

\* 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.	Popu- lation, 1910.	School census.		School census age.	Super- intend- ents.	Super- visors.	Primar- y schs.	Teachers.				Enrollment.	Average daily attend- ance.	Num- ber of schools (kind- ergar- dens not includ- ed).	Enroll- ment in private schools (partly esti- mated).
		Male.	Female.					Male.	Female.	Male.	Female.				
<b>Kansas:</b>															
Atchison.....	18,429	1,538	1,601	5-21	1	2	2	7	63	1,025	1,137	278,908	1,610	8	7
Coffeyville.....	12,627	1,835	1,837	5-21	1	2	2	4	82	1,690	1,751	427,869	2,433	12	12
East Boonville.....	10,463	2,768	2,858	5-21	1	4	1	10	35	1,346	1,609	312,729	1,767	11	11
Hinsdale.....	16,364	2,768	2,858	5-21	1	4	1	12	107	2,039	2,313	586,034	3,407	11	10
Independence.....	10,460	1,741	1,820	5-21	1	4	2	8	32	1,072	1,148	312,907	1,739	5	6
Lawrence.....	12,374	1,863	1,929	5-21	1	4	1	6	33	1,231	1,316	362,425	2,071	0	11
Leaworth.....	19,373	1,934	1,818	4-21	1	6	4	10	61	1,228	1,443	378,362	2,126	11	870
Parsons.....	12,463	1,724	1,851	5-21	1	4	1	14	59	1,222	1,443	328,948	1,863	7	8
Pittsburg.....	14,735	2,637	2,564	5-21	1	3	3	5	91	1,302	1,876	523,364	2,863	9	8
<b>Kentucky:</b>															
Frankfort.....	10,465	1,860	1,075	.....	1	7	3	2	61	680	884	277,868	1,189	9	8
Henderson.....	11,452	1,412	1,421	.....	1	2	2	13	61	1,135	1,260	303,772	1,631	7	7
Owensboro.....	16,011	1,815	1,924	6-17	1	3	1	12	67	1,311	1,552	367,960	1,948	10	9
Paducah.....	23,780	3,144	3,255	.....	2	3	1	6	98	2,026	2,016	592,338	3,238	12	11
<b>Louisiana:</b>															
Alexandria.....	18,213*	2,201	2,460	6-18	2	2	3	7	63	1,315	1,513	275,272	1,811	3	3
Baton Rouge.....	14,897	1,066	1,140	.....	1	1	1	1	53	885	1,035	245,344	1,394	6	6
Shreveport.....	16,849	1,277	1,277	.....	1	1	2	6	40	1,001	1,177	305,557	1,704	5	3
Monroe.....	20,209	3,861	4,435	6-18	2	7	3	5	150	2,929	3,617	797,660	4,431	15	15
<b>Mississippi:</b>															
Meridian.....	13,084	2,337	2,380	5-21	1	14	4	10	80	1,411	1,442	408,967	2,339	25	28
Augusta.....	13,211	3,087	3,263	5-21	1	5	5	13	131	2,285	2,404	462,510	3,739	30	30
Bangor.....	24,803	3,100	3,115	5-21	1	2	1	4	41	1,650	1,650	179,298	1,652	33	33
Biddeford.....	17,079	5,350	5,514	5-21	1	8	4	2	86	1,640	1,536	383,018	2,152	23	21
Lewisport.....	26,247	1,883	1,947	5-21	1	5	4	2	62	1,008	1,015	286,973	1,673	10	10
Waterville.....	11,438	1,883	1,947	5-21	1	5	4	2	62	1,008	1,015	286,973	1,673	10	10



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	City	Enrollment	Teachers	Salaries	Expenditures	Value of Property	Value of Land	Value of Buildings	Value of Equipment	Value of Inventory	Value of Stocks	Value of Bonds	Value of Other Assets	Value of Other Liabilities	Value of Other Liabilities	Value of Other Liabilities	Value of Other Liabilities	Value of Other Liabilities	Value of Other Liabilities	
Maryland:	Cumberland	21,830	2,014	2,013	6-20	2	1	2	1	1	1	1	1	1	1	1	1	1	1	
	Frederick	10,411	1,274	1,283	6-20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Massachusetts:	Haverstown	16,507	1,374	1,283	6-20	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		Adams	13,026	1,475	1,481	5-16	5	5	5	5	5	5	5	5	5	5	5	5	5	5
		Arlington	11,187	1,644	1,644	5-16	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		Attleboro	16,215	1,638	1,737	5-16	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		Beverly	18,650	2,034	1,923	5-16	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		Brockton	27,792	2,390	2,390	5-16	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		Burlingame	25,801	2,677	2,616	7-14	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		Canton	18,073	1,999	1,899	5-21	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		Framingham	14,843	1,999	2,054	5-21	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		Gardner	14,899	1,139	1,133	5-21	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		Gloucester	24,325	2,334	2,432	5-16	13	13	13	13	13	13	13	13	13	13	13	13	13	13
		Greenfield	10,427	1,454	1,452	5-16	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		Leominster	17,580	1,833	1,829	5-16	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		Marlboro	14,570	1,332	1,260	5-16	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		Medford	21,150	3,176	3,029	5-16	12	12	12	12	12	12	12	12	12	12	12	12	12	12
		Metrowe	15,715	1,829	1,666	5-16	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		Methuen	11,448	1,633	1,600	5-16	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		Milford	13,065	1,478	1,478	5-16	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		Newburyport	14,949	1,385	1,400	5-16	11	11	11	11	11	11	11	11	11	11	11	11	11	11
North Adams		22,019	2,343	2,385	5-16	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
Northampton		19,431	2,981	2,081	5-16	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
Northfield	15,721	1,680	1,675	5-16	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
Plymouth	12,151	1,284	1,284	5-16	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
Raymond	15,819	2,156	2,214	7-14	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
Berthbridge	17,582	1,543	1,542	5-16	12	12	12	12	12	12	12	12	12	12	12	12	12	12		
Ware	17,684	1,307	1,307	5-16	12	12	12	12	12	12	12	12	12	12	12	12	12	12		
Wareham	17,875	1,781	1,781	5-16	12	12	12	12	12	12	12	12	12	12	12	12	12	12		
Wareham	17,875	1,468	1,488	5-16	12	12	12	12	12	12	12	12	12	12	12	12	12	12		
Webster	17,509	1,468	1,488	5-16	12	12	12	12	12	12	12	12	12	12	12	12	12	12		
Westfield	16,044	2,129	2,129	5-16	14	14	14	14	14	14	14	14	14	14	14	14	14	14		
Westport	12,885	1,364	1,288	5-16	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
Whitthrop	10,482	1,180	1,164	5-16	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
Woburn	16,306	1,883	1,667	5-16	12	12	12	12	12	12	12	12	12	12	12	12	12	12		
Michigan:	Adrian	10,763	1,317	1,310	5-20	2	2	2	2	2	2	2	2	2	2	2	2	2		
	Alpena	12,706	1,690	1,733	5-20	2	2	2	2	2	2	2	2	2	2	2	2	2		
	Ann Arbor	14,817	1,892	2,020	5-20	14	14	14	14	14	14	14	14	14	14	14	14	14		
	Battle Creek	26,267	3,856	3,947	5-20	23	23	23	23	23	23	23	23	23	23	23	23	23		
	Eastland	13,194	2,024	2,042	5-20	6	6	6	6	6	6	6	6	6	6	6	6	6		
	Eastland	10,490	1,763	1,736	5-20	6	6	6	6	6	6	6	6	6	6	6	6	6		
	Eastland	12,631	2,182	2,274	5-20	10	10	10	10	10	10	10	10	10	10	10	10	10		
	Eastland	12,648	1,786	1,664	5-20	8	8	8	8	8	8	8	8	8	8	8	8	8		
	Eastland	12,648	1,786	1,664	5-20	8	8	8	8	8	8	8	8	8	8	8	8	8		
	Eastland	12,648	1,786	1,664	5-20	8	8	8	8	8	8	8	8	8	8	8	8	8		
	Eastland	12,648	1,786	1,664	5-20	8	8	8	8	8	8	8	8	8	8	8	8	8		
	Eastland	12,648	1,786	1,664	5-20	8	8	8	8	8	8	8	8	8	8	8	8	8		
	Eastland	12,648	1,786	1,664	5-20	8	8	8	8	8	8	8	8	8	8	8	8	8		
	Eastland	12,648	1,786	1,664	5-20	8	8	8	8	8	8	8	8	8	8	8	8	8		
	Eastland	12,648	1,786	1,664	5-20	8	8	8	8	8	8	8	8	8	8	8	8	8		

\* 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 (kinders- gartens not includ- ed).	Num- ber of private schools (partly esti- mated).		
		Male.	Female.					Male.	Female.						Male.	Female.
		3	4					5	6						7	8
Michigan—Continued.																
Ann Arbor.....	14,632	3,142	3,043	5-20	1	1	7	9	119	3,580	3,521	722,260	3,611	9	456	
Dearborn.....	18,863	3,331	3,240	5-20	1	1	8	4	100	1,673	1,769	585,640	1,586	15	1,000	
East St. Louis.....	12,615	1,766	1,968	5-20	1	1	8	9	67	1,346	1,438	494,270	2,253	9	7	
Traverse City.....	12,115	1,147	1,146	5-20	1	1	5	5	54	1,037	1,182	367,444	1,638	7	5	
Minnesota.																
St. Cloud.....	10,365	1,194	1,158	5-16	1	4	1	4	58	839	967	287,722	1,900	7	5	
St. Paul.....	10,600	1,195	1,098	6-16	1	4	4	4	53	737	810	223,360	1,241	6	6	
St. Thomas.....	10,198	1,336	665	6-16	1	4	1	4	47	659	818	217,289	1,227	6	6	
Virginia.....	10,473	1,619	1,892	6-16	1	4	1	7	119	1,681	1,698	573,142	3,050	13	13	
Wadena.....	16,883	1,734	1,734	6-16	1	3	7	8	76	1,310	1,291	429,035	2,211	11	1,900	
Mississippi.																
Hattiesburg.....	11,723	2,416	2,416	5-21	1	1	1	9	44	1,546	1,634	113,720	2,067	7	7	
Jackson.....	21,262	3,835	3,735	5-21	1	3	2	5	93	1,858	2,349	489,420	2,719	9	9	
Meridian.....	22,265	1,701	1,701	5-21	1	1	1	1	1	1	1	1	1	1	1	
Natchez.....	11,701	1,701	1,701	5-21	1	1	1	1	1	1	1	1	1	1	1	
Vicksburg.....	20,814	2,867	2,946	5-21	1	1	1	0	48	1,256	1,688	387,136	2,214	6	6	
Missouri.																
Hamilton.....	18,341	2,877	2,297	6-20	1	1	6	10	96	1,704	1,868	473,100	2,673	10	9	
Jackson City.....	11,650	1,378	1,430	6-20	1	2	1	7	55	1,087	1,102	273,089	1,846	10	10	
Robbery.....	10,923	1,276	1,355	6-20	1	2	2	6	54	1,092	1,211	321,885	1,755	8	8	
Spokane.....	17,822	2,261	2,223	6-20	1	5	2	11	91	1,845	1,940	551,884	3,075	13	14	
St. Louis City.....	11,617	1,831	1,811	6-20	1	1	1	3	63	1,791	1,748	414,865	2,305	6	6	
Montana.																
Anaconda.....	10,134	1,486	1,970	6-21	1	3	3	6	79	1,287	1,434	327,548	1,835	10	10	
Billings.....	10,031	2,503	2,539	6-21	1	6	10	11	143	2,516	2,547	707,365	3,008	14	14	
Great Falls.....	13,476	1,736	1,736	6-21	1	7	6	12	68	1,020	1,088	283,008	1,567	8	8	
Helena.....	12,869	1,636	1,781	6-21	1	6	6	8	55	1,070	1,068	306,085	1,691	9	9	
Missoula.....	12,869	1,636	1,781	6-21	1	6	6	8	55	1,070	1,068	306,085	1,691	9	9	

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	Per Capita
<b>Nebraska:</b>																				
Grand Island	10,326	1,080	1,725	5-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	205
<b>Nebraska:</b>																				
New Jersey:																				
Albany Park	10,160																			
Bridgeton	15,070																			
Camden	10,213																			
Garfield	10,213																			
Hackensack	14,050																			
Harrison	14,498																			
Irrington	11,877																			
Kearny (P. O., Arlington)	15,059																			
Lang Branch	12,268																			
Millville	12,451																			
Monclair	21,550																			
Morrisown	12,507																			
New Brunswick	23,388	8,238	2,233	5-18	1	2	7	8	8	8	8	8	8	8	8	8	8	8	8	1,041
North Bergen	16,062																			
Orange	26,080																			
Plainfield	13,973																			
Plainfield Union (P. O., Newark)	20,560	2,341	4,375	5-10	1	4	5	5	5	5	5	5	5	5	5	5	5	5	5	464
Westfield	21,023																			
West Orange	13,460																			
West Orange	10,980																			
<b>New Mexico:</b>																				
Albuquerque	11,020	2,601	2,707	5-21	1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	500
<b>New York:</b>																				
Batavia	11,013	1,025	1,408	5-18	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	350
Beacon	10,029	1,052	1,131	5-18	1	2	4	2	2	2	2	2	2	2	2	2	2	2	2	26
Coboes	24,709	2,480	2,505	5-18	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	300
<b>District No. 9:</b>																				
Cortland	13,720	1,029	1,050	4-17	1	5	2	1	1	1	1	1	1	1	1	1	1	1	1	769
District No. 13:																				
Albany	11,694	1,046	1,273	5-18	1	2	4	4	4	4	4	4	4	4	4	4	4	4	4	350
Albany	17,221	2,770	2,660	5-17	1	6	10	10	10	10	10	10	10	10	10	10	10	10	10	2,208
Albany	10,440	1,250	1,960	5-18	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	300
Albany	12,446	1,600	1,610	4-18	1	2	4	4	4	4	4	4	4	4	4	4	4	4	4	850
Albany	5,243																			
Albany	20,642	1,873	1,873	5-18	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	69
Albany	15,017	1,619	1,735	4-18	1	10	6	6	6	6	6	6	6	6	6	6	6	6	6	69

\* Estimated per Jackson.

\* Statistics of 1918-19.

\* 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.	Population, 1910.		School census.		Sched. census.	Superintendents.	Supervisors.	Principals.	Teachers.				Enrollment.	Aggregate attendance.	Average daily attendance.	Number of schools (kindergarten not included).	Number of private schools (partly estimated).
	Male.	Female.	Male.	Female.					Male.	Female.	Male.	Female.					
<b>New York—Continued.</b>																	
Hudson.....	11,417	1,021	1,028	1,021	5-21	1	4	1	50	960	984	290,939	1,528	5	4	396	
Ithaca.....	14,688	1,657	1,657	1,660	5-18	1	10	60	60	1,973	1,988	344,947	2,270	8	6	6	
Johnstown.....	10,447	1,035	1,035	1,091	4-18	1	4	105	105	1,837	1,867	318,308	1,719	6	6	6	
Kingston.....	25,808	2,894	2,894	2,857	4-18	1	11	105	105	1,837	1,867	318,308	1,719	6	6	6	
Lackawanna.....	14,546	2,445	2,445	2,476	5-14	4	5	56	56	1,054	1,012	247,703	1,353	3	6	1,100	
Little Falls.....	12,273	924	924	852	5-14	1	2	39	39	744	766	241,685	2,415	12	18	800	
Lockport.....	17,970	2,053	2,053	2,059	5-18	1	8	107	107	1,679	1,615	476,984	2,201	12	18	800	
Middletown.....	15,313	1,908	1,908	1,901	4-18	1	7	68	68	1,292	1,343	398,068	2,201	7	8	8	
Newburgh.....	27,805	3,478	3,478	3,274	4-18	1	11	172	172	2,282	2,169	728,788	4,049	12	12	12	
New Rochelle.....	26,867	5,082	5,082	4,617	4-18	1	4	206	206	3,418	3,268	941,482	5,310	17	16	940	
North Tonawanda.....	11,853	2,064	2,064	1,851	4-18	1	7	52	52	943	975	316,309	1,685	9	9	862	
Ogdensburg.....	11,823	2,632	2,632	2,602	5-18	1	6	60	60	875	830	301,451	1,996	9	9	862	
Olean.....	14,743	2,457	2,457	2,457	5-18	1	4	14	14	2,038	2,106	655,669	3,433	11	10	517	
Oswego.....	11,480	1,078	1,078	1,124	4-17	1	4	54	54	895	1,011	288,707	1,552	5	4	507	
Owego, N. Y.....	23,368	2,585	2,585	2,756	4-17	1	4	111	111	1,324	1,409	406,417	2,183	11	11	507	
Poughkeepsie.....	15,245	779	779	753	5-18	1	2	35	35	646	610	182,245	990	3	3	650	
District No. 7.....	632	672	672	672	5-18	1	0	40	40	570	567	185,973	1,035	3	2	650	
District No. 8.....	11,138	1,084	1,084	1,296	5-18	1	2	48	48	750	807	252,026	1,168	3	2	650	
Pittsburg.....	12,800	1,562	1,562	1,685	4-18	1	4	138	138	1,902	1,803	531,137	3,138	9	8	1,045	
Port Chester.....	27,936	2,770	2,770	2,782	5-18	1	7	118	118	2,770	2,732	804,725	4,374	11	11	1,500	
Poughkeepsie.....	10,711	864	864	863	5-18	1	5	51	51	1,802	1,806	540,214	1,285	4	3	1,638	
Rensselaer.....	20,497	1,756	1,756	1,659	5-18	1	6	101	101	1,802	1,806	540,214	1,285	4	3	1,638	
Rome.....	12,083	1,064	1,064	1,300	5-18	1	4	68	68	881	1,103	338,430	1,800	6	6	242	
Watkins Springs.....	25,720	2,951	2,951	3,110	4-18	1	0	162	162	2,983	3,233	967,104	5,037	14	13	1,207	
Watertown.....	15,749	1,800	1,800	1,800	5-18	1	1	67	67	1,047	1,083	321,669	1,675	7	7	1,207	
White Plains.....	15,949	2,310	2,310	2,198	4-18	1	10	110	110	1,965	1,859	549,617	2,943	12	11	1,579	

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
North Carolina:																		
Ashville.....	18,762	4,833	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Durham.....	18,241	4,155	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Greensboro.....	15,885	3,725	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Raleigh.....	19,218	2,411	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Wilmington.....	25,748	4,044	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Winston-Salem.....	22,700	3,123	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
North Dakota:																		
Fargo.....	14,331	2,452	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Forks.....	12,478	2,215	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ohio:																		
Akron.....	15,083	1,928	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Cincinnati.....	12,946	2,806	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Cleveland.....	11,327	1,851	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Columbus.....	14,208	1,875	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dayton.....	14,825	2,087	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
East Liverpool.....	14,858	1,830	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Findlay.....	13,147	1,989	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fremont.....	15,181	3,074	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Lakewood.....	13,083	2,018	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Lancaster.....	20,883	3,850	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Lorain.....	20,768	4,097	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mansfield.....	12,922	1,837	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Marion.....	18,232	3,238	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Milwaukie.....	13,879	2,202	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Middletown.....	13,152	2,770	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Newark.....	25,404	3,283	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Newport.....	16,185	2,466	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Parma.....	13,888	1,738	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Piquette.....	15,481	4,012	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sandusky.....	22,309	2,821	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Stambsville.....	11,894	1,635	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tiffin.....	11,081	2,471	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Warren.....	28,026	3,138	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Zanesville.....	10,320	1,288	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Oklahoma:																		
Chickasha.....	13,799	1,314	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Enid.....	11,654	1,415	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Guthrie.....	12,964	4,092	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
McAlester.....	26,278	1,838	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Stratford.....	12,474	6,089	6-21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Shawnee.....	18,182	2,026	4-20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tulsa.....	14,004	1,126	6-16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Oregon:																		
Salem.....	12,191	1,266	6-16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Pennsylvania:																		
Beaver Falls.....	10,899	1,267	6-16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Easton.....	16,357	2,353	6-16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

\* Statistics of 1915-16.

\*\* Included with teachers.

\*\*\* Statistics of 1916-17.



TABLE 84.—Summary of census, personnel, and number of day schools and school buildings, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 39,000 POPULATION—Continued.

City.	Popu- lation, 1910.	School census.			School census age.	Super- inten- dents.	Super- visors.	Prin- cips.	Teachers.				Enrollment.				Aggregate attendance, daily.	Aver- age daily at- tend- ance.	Num- ber of schools (kind- er- garden not includ- ed).	Num- ber of schools (partly privately estab- lished).		
		Male.		Female.					Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.					Male.	Female.
		3	4	5					6	7	8	9	10	11	12	13					14	15
Pennsylvania—Continued.																						
Beaumont	14,544	1,406	1,536	6-16	1				12	69	1,268	1,421	307,219	2,207	8	8	580					
Bethlehem	20,728	2,520	2,521	6-16	1			4	8	108	2,405	1,520	770,392	3,107	8	7	852					
Carlisle	10,040	825	931	6-16	1			12	11	80	1,819	1,013	530,800	1,575	14	13	50					
Chambersburg	10,009	1,366	1,407	6-16	1			1	13	39	1,040	1,040	286,800	1,575	10	7	50					
Cherryton	11,080	1,123	1,122	6-16	1			1	9	53	1,268	1,314	403,707	2,253	9	8	100					
Columbia	11,454	1,123	1,122	6-16	1			2	2	40	903	940	310,140	1,723	6	7	325					
Cornellville	12,845	1,535	1,563	6-16	1			2	4	74	1,250	1,341	438,060	2,437	6	6						
Dubois	12,623	2,268	2,327	6-16	1			5	12	79	1,498	1,483	497,935	2,766	8	6						
Duquesne	15,777	3,213	3,047	6-16	2			1	30	120	2,811	2,821	994,060	5,074	15	15	550					
Easton	28,523	1,297	1,366	6-16	1			1	12	79	1,498	1,483	497,935	2,766	8	6						
Ferrill	10,190	2,066	2,103	6-16	2			1	13	80	1,539	1,604	451,948	2,505	9	9	377					
Greensburg	13,012	1,700	1,806	6-16	1			1	13	77	1,843	1,938	514,620	2,659	8	7						
Harrisburg	18,713	1,972	2,008	6-16	1			1	13	77	1,843	1,938	514,620	2,659	8	7						
Lebanon	19,240	1,700	1,806	6-16	1			1	13	77	1,843	1,938	514,620	2,659	8	7						
Lockport	14,702	1,850	1,885	6-16	1			1	13	77	1,843	1,938	514,620	2,659	8	7						
McKees Rocks	15,936	1,723	1,185	6-16	1			1	13	77	1,843	1,938	514,620	2,659	8	7						
Manassas	12,790	1,969	1,953	6-16	1			1	13	77	1,843	1,938	514,620	2,659	8	7						
Manassas Park	11,775	2,415	2,122	6-16	1			1	13	77	1,843	1,938	514,620	2,659	8	7						
Mount Pleasant	17,872	2,415	2,463	6-16	1			1	13	77	1,843	1,938	514,620	2,659	8	7						
Nantuxton	15,871	2,819	3,011	6-16	1			1	13	77	1,843	1,938	514,620	2,659	8	7						
Norristown	27,875	1,560	1,621	6-16	1			1	13	77	1,843	1,938	514,620	2,659	8	7						
North Braddock (P. O.)	11,824			6-16					14	99	2,325	2,368	703,453	3,517	8	11						
North Braddock (C. O.)	15,857			6-16					5	61	1,197	1,180	395,464	2,197	4	5	690					
Oil City	15,857			6-16					5	61	1,197	1,180	395,464	2,197	4	5	690					
Old Forge	11,324			6-16					5	61	1,197	1,180	395,464	2,197	4	5	690					

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Phoenixville	10,743	920	915	6-16	1	2	1	4	12	815	255,225	1,360	5	5	430
Pittston	16,267	2,159	1,839	6-16	1	1	1	2	79	1,485	492,000	2,460	8	7	
Plymouth	16,986	1,787	1,658	6-16	1	1	1	4	58	1,441	470,890	2,616	8	8	
Portsmouth	15,569	1,659	1,879	6-16	1	2	1	9	72	1,334	482,120	2,415	22	22	180
Portville	20,236	1,783	2,428	6-16	1	2	7	10	10	1,637	590,120	2,948	13	12	386
Shamokin	19,588	2,440	2,000	6-16	1	5	10	10	85	1,972	673,482	3,741	8	8	
Sharon	15,270	2,000	3,254	6-16	2	2	3	3	86	1,900	590,980	3,061	9	12	903
Stamford	25,774	3,114	1,314	6-16	1	1	9	7	66	1,545	469,413	2,559	12	12	
Stamton	13,770	1,330	1,639	6-16	1	4	6	16	67	1,543	489,720	2,704	9	9	
Uniontown	13,844	1,339	1,288	6-16	1	4	6	7	83	1,466	397,080	2,206	8	8	
Warren	11,869	1,296	2,005	6-16	2	2	8	4	102	2,075	603,540	3,353	10	8	327
Washington	18,775	2,289	986	6-16	1	1	1	7	53	1,064	344,400	1,722	5	5	
West Chester	11,715	1,281	1,897	6-16	1	3	6	14	105	1,849	577,980	3,211	6	5	
Wilkinsburg	18,924	1,897	1,800	6-16	1	3	6	4	8	1,168	317,003	1,758	11	10	2,802
Rhode Island:															
Central Fall	22,754	1,424	1,400	5-18	1	4	4	9	150	2,819	736,290	4,292	23	23	19
Providence	21,107	2,902	2,933	5-18	1	5	5	2	44	595	227,983	1,193	16	18	828
Cumberland (P. O., Man- ville)	10,107	1,263	1,244	5-18	1	1	1	2	6	91	2,630	1,836	22	22	
East Providence	15,808	3,210	3,105	5-18	1	3	1	18	135	2,047	555,208	3,453	14	15	
Newport	27,149	3,785	1,520	5-18	1	4	3	6	63	1,293	322,340	2,002	18	18	
Newark	26,029	1,785	1,520	5-18	1	3	6	8	107	2,800	684,227	4,223	11	10	
South Carolina:															
Columbia	25,219	3,990	3,990	6-21	1	2	5	16	77	2,226	565,000	3,228	9	8	417
Greenville	15,711	2,794	2,893	6-21	1	2	13	13	65	1,072	312,649	1,787	8	8	
Spartanburg	17,617	2,794	2,893	6-21	1	2	13	10	117	1,970	528,346	3,010	13	13	827
South Dakota:															
Aberdeen	10,753	1,432	1,541	6-21	1	4	2	10	65	1,072	1,080	1,787	8	8	
Sioux Falls	14,094	2,540	2,667	6-21	1	8	9	11	76	1,800	460,980	2,561	8	7	
Tennessee:															
Jackson	15,779	2,741	2,898	6-21	1	1	6	6	151	3,363	839,164	4,795	18	18	
Texas:															
Austin	29,890	4,173	4,156	7-18	1	17	20	3	143	3,230	829,844	4,782	13	12	175
Beaumont	20,640	3,713	3,679	7-18	1	2	12	8	73	1,928	583,102	2,989	9	10	
Brownsville	10,517	1,790	1,790	7-18	1	3	1	1	68	1,554	415,875	2,194	10	10	
Corpus Christi	10,364	1,892	1,927	7-18	1	3	3	8	61	1,072	301,293	1,542	10	10	215
Dallas	13,632	2,265	2,166	7-18	1	3	3	12	45	1,060	455,990	2,597	12	12	
Denton	14,855	3,159	3,158	7-18	1	1	1	7	80	1,831	284,272	1,542	10	10	
El Paso	11,433	2,237	2,386	7-18	1	1	1	6	51	1,010	1,110	1,540	8	8	
Galveston	10,482	1,102	1,102	7-18	1	1	1	7	73	1,476	430,414	2,459	8	8	
San Antonio	17,269	2,140	2,387	7-18	1	2	2	6	57	1,224	1,314	1,897	10	10	
San Marcos	19,471	1,115	1,100	7-18	1	2	2	2	10	1,237	337,574	1,908	8	8	
Sherman	10,933	1,228	1,228	7-18	1	2	2	10	15	1,391	332,213	1,908	8	8	
Temple	10,400	1,600	1,600	7-18	1	4	10	15	187	4,471	1,091,065	6,307	18	18	101
Tyler	10,400	3,980	4,202	7-18	1	4	10	15	187	4,471	1,091,065	6,307	18	18	195
Waco	26,423	3,980	4,202	7-18	1	4	10	15	187	4,471	1,091,065	6,307	18	18	
Utah:															
Ogden	25,580	4,488	4,413	6-18	1	3	12	18	235	3,524	978,049	5,526	15	15	

\* 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.	Population, 1910.		School census.		School census age.	Public schools.										Enroll- ments in private schools (esti- mated).
	Male.	Female.	Male.	Female.		Super- inter- den- ts.	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aver- age daily attend- ance.	Num- ber of schools (kind- ergar- ten not includ- ed).	Num- ber of school build- ings.	
									Male.	Female.	Male.	Female.				
Vermont:	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Barré.....	1,304	1,297	6-18	1	3		4	63	1,163	1,179	325,980	2,102	9	8		
Burlington.....	20,468	1,887	6-18	1	6	2	9	105	1,352	1,441	373,660	2,198	10	10		
Stonard.....	13,546	1,379	5-16	1			60	60	997	1,018	306,873	1,716	10	10	740	
Virginia:																
Danville.....	15,329	2,151	7-20	1		1	7	46	1,143	1,336	373,464	1,978	2	1	375	
Danville, S. V.....	16,020	2,574	7-20	1			7	86	1,689	1,912	577,262	3,318	8	8	754	
Norfolk.....	26,494	2,480	7-20	1	3	7	9	112	2,305	2,617	604,604	3,322	8	8		
Roanoke.....	20,125	2,446	7-20	1	2	5	9	99	2,309	2,850	737,280	4,096	11	5	553	
Roanoke News.....	20,174	2,446	7-20	1	2	2	3	35	632	793	204,120	1,134	5	5	1,201	
Staunton.....	10,604	1,499	7-20	1	2	2	3	3								
Washington:																
Aberdeen.....	13,660	1,921	5-21	1	3	3	8	64	1,321	1,254	358,680	1,980	9	9	378	
Bellingham.....	24,268	4,073	4-21	1	9	7	25	129	2,212	2,343	693,580	3,896	13	13	315	
Everett.....	24,814	3,515	4-21	1	8	8	21	132	2,649	2,780	744,940	4,139	13	14	314	
Walla Walla.....	19,364	2,002	4-21	1	3	4	12	94	1,653	1,782	476,755	2,663	7	9		
Yakima.....	14,062	1,985	5-21	1	4	7	11	96	1,701	1,662	476,015	2,645	9	9	575	
West Virginia:																
Bluefield.....	11,188	2,011	6-21	1	3	4	5	64	1,466	1,886	474,014	2,663	12	12	28	
Charleston.....	22,996	4,973	6-21	1	6	6	16	202	3,553	3,566	952,760	5,414	19	19	263	
Martinsburg.....	10,998	1,237	6-21	1	1	1	9	39	848	827	220,941	1,323	6	6	183	
Farmersburg.....	17,942	3,250	6-21	1	4	9	22	123	2,323	2,360	671,872	3,712	15	14		
Wisconsin:																
Appleton.....	16,773	2,533	4-20	1		6	19	107	1,630	1,648	442,255	2,517	12	10	1,630	
Appleton.....	11,562	2,243	4-20	1	1	4	17	57	1,001	1,040	331,582	1,827	7	7		
Bellevue.....	14,123	2,264	4-20	1	2	2	10	105	2,260	2,288	703,193	3,968	10	9		
East Chicago.....	18,310	2,892	4-20	1	3	2	19	123	2,370	2,370	612,345	2,265	13	11	668	
Fond du Lac.....	18,797	2,963	4-20	1	3	5	5	102	1,490	1,922	612,345	2,265	13	11	668	
Green Bay.....	23,236	4,191	4-20	1	3	3	21	114	2,510	2,799	721,487	4,068	17	15	1,944	



Janesville.....	73,801	1,678	1,740	4-20	1	4	2	7	70	1,115	1,302	337,787	1,965	11	10	1,908
Kenya.....	21,371	4,162	4,350	4-20	1	7	10	10	158	3,290	2,871	783,623	4,296	15	13	1,912
Madison.....	25,531	4,276	4,466	7-20	3	5	13	10	122	2,967	3,222	899,983	4,969	18	16	1,335
Manitowoc.....	13,027	2,898	2,943	4-20	1	3	4	17	77	1,350	1,550	394,861	2,157	9	7	1,090
Muskegon.....	14,610	2,381	2,521	4-20	1	3	2	15	63	1,380	1,553	406,195	2,213	9	7	1,031
Stoughton.....	28,898	4,668	4,324	.....	1	6	11	28	138	2,830	2,831	767,947	3,917	11	12	2,087
Wausau.....	16,560	2,029	3,087	4-20	2	3	4	10	101	1,915	1,871	561,456	3,119	12	8	1,068
Wisconsin.....	11,320	1,470	1,494	7-21	1	2	1	4	52	996	1,040	254,756	1,382	10	10	.....

\* Division as to sex, estimated.

\* Statistics of 1915-16.

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.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Super- visors.	Prin- cipals.	Teach- ers.	Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.					
				Male.	Fe- male.						Male.	Fe- male.								
Alabama:	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17				
Birmingham.....																				
California:	1		287	5,198	5,168	991,729	4,874	9	24	41	545	13,015	13,905	3,261,579	18,427	54				
Los Angeles.....			42	11,542	11,502	272,128	1,440	58	92	140	1,902	34,224	32,822	9,357,644	50,582	188				
Oakland.....			21	833	831	143,728	741	12	32	30	668	12,681	12,313	3,906,822	20,671	44				
San Francisco.....			74	2,510	2,398	215,832	1,173	8	75	24	1,298	27,228	25,826	7,997,283	41,223	84				
Colorado:	1		21	498	474	124,214	708	9	48	29	727	13,701	13,702	4,199,864	22,771	64				
Denver.....			51	1,407	1,349	384,680	1,961	8	25	0	455	9,820	9,570	2,997,562	16,521	29				
Connecticut:	1		3	96	82	26,215	142	11	12	17	537	11,253	11,332	3,583,104	19,284	50				
Bridgport.....			157	1,990	2,099	377,684	2,183	2		3	33	314	614	182,400	966	3				
New Haven.....			407	19,290	19,203	3,278,620	18,013	16	15	81	1,235	24,399	25,314	6,823,203	39,440	140				
Westville district.....								8	59	0	608	12,675	13,930	4,087,620	22,709	59				
District of Columbia:	2							23	271	215	6,107	145,976	142,146	49,045,100	263,969	271				
Washington.....								5	18	56	984	16,569	16,745	5,198,852	28,988	72				
Georgia:								10	45	13	645	13,114	13,223	3,594,808	19,337	56				
Atlanta.....								1	60	40	1,021	19,762	21,957	5,607,536	31,861	83				
Illinois:								5	97	120	1,990	37,300	36,964	9,524,547	53,911	101				
Chicago.....								34	68	127	2,138	49,537	45,979	13,998,530	76,915	68				
Indiana:								8	28	8	329	5,190	5,612	1,929,354	10,539	28				
Indianapolis.....								7	30	11	450	7,388	7,270	2,170,354	10,539	28				
Kentucky:	1							6	11	2	260	5,583	5,344	1,610,350	6,202	43				
Louisville.....								7	12	3	610	10,833	10,655	3,230,397	18,600	71				
Louisiana:	1							6	42											
New Orleans.....								6												
Maryland:								34												
Baltimore.....								7												
Massachusetts:								6												
Boston.....								6												
Cambridge.....								6												
Fall River.....								6												
Lowell.....								6												
Worcester.....								6												

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	City	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918
Michigan	Detroit	225	7,254	1,090,362	5,991	20	113	34	1,799	40,738	40,003	11,472,370	43,033	126					
	Grand Rapids	75	1,214	294,202	1,662	12	34	31	443	6,237	6,585	1,864,584	10,904	39					
	Ann Arbor	55	2,865	515,044	2,830	6	69	57	1,105	22,048	21,127	6,794,924	37,334	76					
Minnesota	St. Paul	79	1,003	289,804	1,450	14	52	45	661	12,721	12,562	3,790,562	20,498	58					
	St. Louis	104	2,405	511,670	2,083	10	53	07	886	18,343	18,340	5,399,210	28,259	78					
Missouri	St. Louis	281	5,470	1,419,628	7,283	35	103	31	1,691	41,028	41,288	12,554,490	64,084	102					
	St. Joseph	85	1,415	325,600	1,760	9	51	0	709	11,851	11,813	3,568,660	19,290	52					
	St. Charles	6	284	45,896	237	10	38	0	771	19,112	18,361	5,748,704	29,709	35					
New Jersey	Newark	142	5,569	955,570	4,964	23	43	74	1,378	28,840	28,331	8,576,897	46,114	54					
	Paterson	26	1,146	308,030	1,750	16	23	8	479	9,317	9,182	2,654,094	15,080	25					
	Elizabeth	27	484	113,280	590	6	15	21	294	5,255	4,912	1,592,629	8,259	22					
New York	Albany	122	2,658	585,984	3,068	10	55	44	1,498	28,722	28,220	8,232,901	42,637	62					
	Buffalo	922	33,522	33,008	27,604	196	928	1,533	18,116	373,607	365,977	14,538,899	609,709	507					
	Syracuse	134	2,727	486,444	2,703	10	38	59	945	33,946	13,162	3,990,353	22,706	40					
Ohio	Cincinnati	34	945	228,562	1,284	5	35	23	445	9,467	9,083	2,813,200	15,805	35					
	Cleveland	175	4,297	1,176,250	6,463	11	59	208	1,172	24,274	23,800	6,879,917	36,791	59					
	Columbus	12	291	60,074	1,313	43	109	95	3,297	47,292	46,133	14,313,537	76,648	106					
Oregon	Portland	20	618	207,072	1,353	6	24	44	745	12,471	12,350	4,116,901	21,068	54					
	Medford	87	1,723	427,122	2,384	9	40	36	404	15,340	8,188	2,632,987	13,857	24					
	Astoria	8	268	40,492	212	7	44	33	778	16,229	15,940	4,507,218	23,598	61					
Pennsylvania	Philadelphia	294	5,004	1,233,984	6,427	48	190	402	4,649	116,857	114,452	32,989,536	170,258	201					
	Pittsburgh	204	4,119	752,621	3,763	8	125	91	1,682	55,083	53,255	10,898,211	54,491	125					
	Scranton	31	477	136,665	701	10	25	35	507	10,033	9,968	3,281,440	16,828	67					
Rhode Island	Providence	60	1,786	274,848	1,636	4	19	20	752	15,055	15,476	4,223,103	24,411	91					
	Woonsocket	2	412	67,654	634	6	32	39	531	9,307	10,199	2,298,900	13,170	34					
	Warwick	17	580	124,000	678	12	56	75	970	18,448	17,870	5,024,550	27,486	75					
Tennessee	Memphis	157	3,038	884,903	4,033	9	60	6	955	23,605	22,586	7,273,280	38,080	65					
	Nashville	2	412	67,654	634	6	32	39	531	9,307	10,199	2,298,900	13,170	34					
	Richmond	17	580	124,000	678	12	56	75	970	18,448	17,870	5,024,550	27,486	75					
Virginia	Richmond	2	412	67,654	634	6	32	39	531	9,307	10,199	2,298,900	13,170	34					
	Roanoke	17	580	124,000	678	12	56	75	970	18,448	17,870	5,024,550	27,486	75					
	Spartanburg	157	3,038	884,903	4,033	9	60	6	955	23,605	22,586	7,273,280	38,080	65					

‡ Excluding pupils enrolled in other schools within the State during the year.  
 § Not including Westville district.  
 \* 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.		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.							
Alabama:																				
Mobile.....	1	3	4	5	298	42,071	257	4	5	6	177	2,998	3,252	741,431	1,521	13				
Montgomery.....								2	3	3	114	2,544	2,865	684,045	3,869	13				
Arkansas:																				
Little Rock.....								4	8	10	250	4,554	4,662	1,256,280	7,220	22				
California:																				
Berkeley.....			17	407	426	73,873	391	3	17	13	217	3,782	3,633	1,046,652	5,567	18				
Pasadena.....			28	352	360	62,026	376	2	9	14	183	2,836	2,801	717,104	4,346	23				
Sacramento.....			27	524	533	78,428	456	7	15	8	245	4,253	3,943	1,067,003	6,167	22				
San Diego.....			30	666	786	108,540	600	20	20	1	219	4,308	4,138	1,151,037	6,395	27				
Colorado:																				
Pueblo.....			8	138	131	32,716	172	7	5	2	187	1,561	1,604	501,178	2,638	8				
District No. 1:			14	317	325	60,940	346	5	7	0	116	2,133	2,037	635,239	3,041	12				
Connecticut:																				
Hartford.....			21	600	700	110,100	612	5	15	3	130	2,320	11,442	2,736,720	15,204	17				
New Britain.....			31	475	474	136,800	760	6	23	0	196	3,020	3,210	1,011,977	3,363	17				
Waterbury.....																				
Delaware:																				
Wilmington.....								13	23	0	352	6,163	5,864	1,472,440	10,938	32				
Florida:																				
Jacksonville.....								1	24	0	306	5,415	6,670	1,677,585	9,268	30				
Georgia:																				
Augusta.....			19	205	215	49,333	310	3	8	16	268	5,589	6,318	1,473,889	8,670	31				
Savannah.....										49	335	6,831	7,110	1,594,224	11,071	98				
Illinois:																				
East St. Louis.....								2	7	2	203	3,641	4,931	1,240,244	7,800	14				
Evanston.....								3	6	5	211	5,087	5,423	1,364,040	7,578	48				
Lisle.....								3	14	4	187	4,896	6,810	1,504,100	8,450	16				
Peoria.....								3	2	5	150	2,989	3,030	653,937	4,806	15				
Rockford.....								3	12	17	212	4,923	4,816	1,440,044	7,426	29				
St. Louis.....								4	3	13	181	3,182	3,432	868,327	4,067	23				
Tulsa.....								1	21	3	217	3,183	4,330	1,348,277	7,477	21				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	1	21	42	4,493	24	4	7	19	12	3	103	1,069	1,890	548,434	2,949
Quincy															
Rockford															
Springfield															
Indiana:															
Evansville	11	583	629	122,054	636	6	6	14	35	301	3,988	4,902	1,376,448	7,169	
Fort Wayne	28	545	553	98,496	513	8	8	16	0	203	3,050	3,557	1,113,548	5,982	
South Bend	32	451	484	114,800	574	2	2	17	2	254	4,157	4,125	1,415,800	6,579	
Terre Haute	17	389	416	93,518	506	5	5	4	25	262	4,978	5,015	1,470,886	7,931	
Iowa:															
Cedar Rapids	44	484	532	168,702	907	5	5	16	1	181	2,920	3,031	848,718	4,563	
Davenport	11	335	306	56,205	329	7	7	13	5	211	3,066	3,539	941,867	5,025	
Des Moines	54	1,359	1,345	146,784	834	8	8	41	21	484	8,421	8,193	2,231,488	12,963	
Sioux City	14	411	416	93,518	506	14	14	19	1	255	4,365	4,421	1,321,505	7,341	
Kansas:															
Kansas City	8	284	306	52,500	300	4	4	5	15	324	6,884	6,968	1,826,750	10,610	
Wichita	157	157	152	27,358	158	4	4	9	12	174	3,278	3,383	888,625	5,125	
Wisconsin:															
Covington	8	244	305	53,098	289	5	5	12	8	126	2,607	2,735	788,772	4,106	
Lexington	18	226	229	60,310	326	6	6	11	0	131	2,244	2,313	740,740	4,004	
Newport	17	406	418	60,739	367	6	6	11	5	243	4,567	4,497	1,451,108	2,373	
Maine:															
Portland	17	406	418	60,739	367	6	6	11	5	243	4,567	4,497	1,451,108	2,373	
Massachusetts:															
Brockton	2	35	33	6,185	35	8	8	30	7	262	4,356	4,756	1,686,473	8,683	
Chelsea	4	87	95	26,219	157	3	3	7	0	154	3,509	3,533	922,935	5,494	
Everett	19	206	274	49,449	273	5	5	11	7	138	2,056	2,012	1,002,646	5,654	
Haverhill	4	87	95	26,219	157	3	3	7	0	154	3,509	3,533	922,935	5,494	
Holyoke	19	206	274	49,449	273	5	5	11	7	138	2,056	2,012	1,002,646	5,654	
Lawrence	4	87	95	26,219	157	3	3	7	0	154	3,509	3,533	922,935	5,494	
Melrose	11	533	419	87,549	462	5	5	30	0	144	3,241	2,973	837,940	4,740	
New Bedford	23	313	318	71,662	391	4	4	11	0	309	5,400	5,265	1,456,318	8,320	
Newton	14	111	126	31,200	194	3	3	10	0	310	5,701	5,794	1,650,640	10,045	
Quincy	10	125	145	26,034	187	3	3	10	0	310	5,701	5,794	1,650,640	10,045	
Salem	10	125	145	26,034	187	3	3	10	0	310	5,701	5,794	1,650,640	10,045	
Somerville	10	125	145	26,034	187	3	3	10	0	310	5,701	5,794	1,650,640	10,045	
Springfield	50	1,057	977	147,041	855	11	11	21	37	517	8,940	8,760	2,459,047	14,023	
Taunton	13	173	217	54,900	300	2	2	3	4	167	2,311	2,205	721,821	4,067	
Michigan:															
Bay City	13	173	217	54,900	300	2	2	3	4	167	2,311	2,205	721,821	4,067	
Calumet	15	213	231	65,062	346	8	8	17	11	160	2,713	3,072	854,793	4,671	
Flint	24	615	521	153,893	894	3	3	10	7	143	2,122	2,022	711,287	3,613	
Kalamazoo	17	321	335	46,065	239	4	4	12	13	271	4,969	4,569	1,471,217	8,262	
Lansing	13	455	478	83,862	468	1	1	9	16	135	2,737	2,713	821,541	4,213	
Saginaw	13	455	478	83,862	468	1	1	9	16	135	2,737	2,713	821,541	4,213	
East side	5	67	84	16,800	84	4	4	5	7	99	2,185	2,099	581,525	3,323	
West side	5	67	84	16,800	84	4	4	5	7	99	2,185	2,099	581,525	3,323	

\* 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.		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.							
Mississippi:																				
Dunn.	1		31	733	692	180,885	988	11	25	0	355	5,588	5,472	2,049,206	11,198	35				
Joplin.								2	9	14	146	3,911	3,905	1,024,470	5,692	18				
St. Joseph.			1	28	41	7,239	40	5	32	10	229	6,352	5,441	1,474,812	4,239	37				
Springfield.								9		7	263	3,342	3,321	884,520	4,914	19				
Montana:																				
Butte.	1		8	226	298	26,155	152	7	12	8	233	4,014	3,912	1,016,788	5,003	23				
Lincoln.			17	468	458	139,040	790	8	17	11	242	4,146	4,171	1,135,728	6,453	18				
New Hampshire:																				
Manchester.			10	125	121	38,340	216	6	3	8	172	3,293	3,298	852,693	5,249	20				
New Jersey:																				
Atlantic City.			21	351	346	59,083	240	12	11	0	201	3,445	3,347	879,136	5,001	11				
Bayonne.			12	614	544	126,100	680	6	11	22	297	5,410	5,257	1,712,258	8,826	11				
Camden.								8	23	4	457	8,238	8,026	2,362,075	12,236	33				
East Orange.								2	18	5	170	3,037	2,936	904,700	4,787	9				
Elizabeth.								8	18	4	290	5,093	5,296	1,796,025	9,675	18				
Hoboken.			18	416	363	89,200	472	16	16	15	260	4,912	4,967	1,414,861	7,112	9				
Passaic.			19	440	435	72,683	395	6	10	7	219	4,384	4,501	1,403,609	7,712	11				
Perth Amboy.			18	679	664	130,003	715	5	6	10	277	3,529	3,277	967,453	5,335	13				
Trenton.			63	1,267	1,366	418,702	2,204	9	25	10	329	3,899	5,023	1,690,137	8,738	32				
West Hoboken.			8	284	280	112,700	575	5	6	0	153	2,973	2,857	873,160	4,460	7				
New York:																				
Amsterdam.	1		7	212	166	60,490	315	5	8	0	98	1,796	1,705	597,504	3,112	11				
Auburn.			10	425	233	47,872	256	10	12	4	160	1,822	1,874	352,694	3,116	14				
Binghamton.	1		18	474	381	106,560	570	4	14	5	246	3,405	3,459	1,041,054	5,583	14				
Elmira.								7	10	0	7	2,580	2,447	701,968	3,709	10				
Jamestown.			13	320	289	64,787	339	1	9	3	145	2,064	2,550	838,312	4,389	10				
Mount Vernon.			15	408	390	69,494	361	1	11	2	174	3,204	3,008	837,707	5,121	14				
Niagara Falls.			20	327	347	91,824	512	2	6	6	161	3,073	2,573	918,717	4,769	14				
Schenectady.			21	501	472	91,541	511	5	22	5	398	6,459	6,402	2,099,148	11,076	22				

### STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	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	28	29	30	31	32	33	34	1917		1918				
																																			Enrollment	Teachers	Enrollment	Teachers			
Texas Union district	1	213	220	45,324	252	11	2	159	2,238	2,023	707,251	3,929	13																												
Lansingburgh district																																									
Dallas		4	34	18,700	100	3	3	47	699	777	1,189	1,189	4																												
El Paso		26	879	111,570	963	30	6	320	6,066	5,043	6,616,259	8,664	4																												
Fort Worth		27	681	115,000	683	18	3	434	7,190	6,846	2,090,589	11,912	5																												
Houston							3	146	3,334	3,660	788,390	4,925	10																												
San Antonio							5	411	10,263	10,086	3,646,837	19,039	27																												
San Antonio							5	17	2,282	2,282	1,496,032	8,145	26																												
San Antonio							5	4	2,282	2,282	1,496,032	8,145	26																												
San Antonio							5	1	1,117	1,117	711,240	3,119	22																												
San Antonio							4	27	8,452	8,452	2,596,812	14,228	46																												
Ohio							3	302	6,588	6,731	1,611,533	9,156	32																												
Canton							5	20	1,144	1,144																															
Cincinnati							6	1																																	
Cleveland							6	1																																	
Cleveland							5	12																																	
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STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	City	1917	1918	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19
California	Alameda	169	238	189	30,763	103	5	5	2	14	100	2,012	1,994	560,143	3,132	7					
	Bakersfield	7	238	255	39,183	245	5	5	2	7	77	1,638	1,816	385,181	2,453	12					
	Burbank	4	181	202	31,963	178	7	8	12	12	172	903	918	314,148	1,671	13					
	French Beach	15	457	476	72,324	428	8	7	12	12	132	3,643	3,503	1,075,370	6,007	13					
	Fullerton	9	143	135	24,012	138	11	7	4	4	61	5,900	5,900	765,323	4,529	9					
	Redlands	6	68	79	16,306	95	2	2	4	4	45	747	636	189,248	1,457	7					
	Riverside	10	171	138	31,505	181	3	3	0	0	132	2,845	2,845	362,195	2,087	14					
	San Jose	9	241	279	49,408	230	3	3	2	2	46	744	744	717,989	2,076	7					
	Santa Cruz	3	142	108	17,676	98	3	3	33	33	135	2,852	2,735	318,001	1,153	7					
	Stockton	1	37	29	6,819	34	1	1	1	1	40	911	889	249,499	1,455	6					
	Vallejo	4	109	137	31,855	175	5	5	7	7	132	2,278	2,246	611,902	3,400	13					
Colorado	Colorado Springs	1	37	29	6,819	34	1	1	1	1	20	388	335	77,880	1,440	6					
	District No. 1	1	37	29	6,819	34	1	1	1	1	63	1,197	1,132	291,104	1,654	6					
Connecticut	Bridgeport	9	158	133	40,915	227	2	2	0	0	67	1,350	1,346	436,600	2,425	6					
	Danbury	1	135	126	29,004	191	1	1	0	0	46	1,294	1,413	363,082	2,101	12					
	Greenwich	18	208	198	39,765	241	4	4	0	0	66	1,295	1,483	379,016	2,049	14					
	Manchester	9	158	133	40,915	227	2	2	0	0	107	1,412	1,527	156,216	2,504	19					
	Middletown	1	135	126	29,004	191	1	1	0	0	31	822	746	226,706	1,726	8					
	New London	1	135	126	29,004	191	1	1	0	0	41	799	746	226,706	1,726	8					
	Norwalk	18	208	198	39,765	241	4	4	0	0	60	1,145	1,145	316,346	1,726	11					
	Norwich	13	208	198	39,765	241	4	4	0	0	114	1,710	1,697	407,573	2,498	18					
	South Manchester	13	208	198	39,765	241	4	4	0	0	88	1,490	1,519	414,643	2,512	19					
	Stamford	17	339	305	86,624	498	2	2	4	4	96	1,548	1,501	451,984	2,512	20					
	Waterbury	17	339	305	86,624	498	2	2	4	4	51	951	947	286,621	1,549	8					
	Wallingford	4	84	68	22,630	126	3	3	1	1	208	2,731	2,700	873,745	4,881	18					
	Windsor	4	84	68	22,630	126	3	3	0	0	82	9,760	1,760	515,663	2,865	13					
Florida	Windsor	4	84	68	22,630	126	3	3	4	4	52	1,229	1,123	267,440	1,458	15					
Georgia	Waycross	1	17	23	3,306	19	1	1	1	1	37	662	696	181,694	1,004	6					
	Waycross	1	17	23	3,306	19	1	1	2	2	103	1,656	2,425	560,184	3,501	16					
	Waycross	1	17	23	3,306	19	1	1	2	2	64	1,238	1,246	319,116	1,834	9					
	Waycross	1	17	23	3,306	19	1	1	2	2	33	572	689	209,380	1,391	4					
	Waycross	1	17	23	3,306	19	1	1	2	2	75	1,891	2,032	520,380	2,462	10					
	Waycross	1	17	23	3,306	19	1	1	2	2	52	1,005	1,177	260,274	1,730	8					
	Waycross	1	17	23	3,306	19	1	1	2	2	45	1,027	1,232	314,670	1,730	8					
	Waycross	1	17	23	3,306	19	1	1	2	2	81	1,657	1,631	401,541	2,321	9					
	Waycross	1	17	23	3,306	19	1	1	2	2	91	1,704	1,589	482,112	2,511	14					
	Waycross	1	17	23	3,306	19	1	1	2	2	66	1,239	1,125	387,025	1,836	8					
	Waycross	1	17	23	3,306	19	1	1	2	2	38	647	708	189,858	1,026	4					
	Waycross	1	17	23	3,306	19	1	1	2	2	69	1,442	1,364	477,355	2,423	9					
	Waycross	1	17	23	3,306	19	1	1	2	2	100	1,640	1,684	474,144	2,695	11					
	Waycross	1	17	23	3,306	19	1	1	2	2	51	1,112	1,100	300,300	1,658	12					

\* Not including district No. 1.

\* 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.		Aver- age daily attend- ance.	Num- ber of schools.	
				Male.	Fe- male.				Male.	Fe- male.	Male.	Fe- male.			
1	2	8	4	5	6	7	9	10	11	12	13	14	15	16	17
Illinois—Continued.															
Canton							3		5	45	1,023	1,013	2,285,244	1,585	6
Chicago							8		1	58	14,103	1,071	313,837	1,788	9
Chicago Heights						98			0	59	1,414	1,366	437,370	2,254	7
Cicero			2	69	63	19,049			8	110	2,718	2,451	820,846	4,254	12
Dearborn							2		3	78	1,727	1,705	489,840	2,717	6
Evanston							5	11	2	115	1,646	1,650	554,260	2,966	11
District No. 75			7	184	170	32,815			3	81	1,387	1,343	419,982	2,333	8
District No. 76			4	143	132	37,800	1	8	0	50	1,631	1,703	252,342	1,402	4
Freeport									1	67	1,242	1,176	371,256	2,063	8
Galesburg							2		0	53	1,669	1,684	460,660	2,680	11
Jacksonville							3		1	49	897	888	246,048	1,388	8
Joliet							3		2	96	1,131	1,100	380,395	2,090	9
La Salle									0	24	667	643	204,439	1,070	5
Madison							3		0	44	682	680	227,386	1,256	8
Moline							1		0	54	1,123	1,173	349,854	2,968	7
Oak Park	1		11	216	237	54,200		7	0	83	1,820	1,773	519,854	2,985	14
Rock Island			4	99	95	25,576		9	2	135	2,446	2,369	745,782	3,421	9
Sibley							4	9	2	108	2,225	2,165	584,546	3,421	13
Streator							3	5	2	58	1,055	1,137	318,004	1,653	10
Walkegan							3		3	63	1,459	1,359	432,742	2,339	7
Indiana															
East Chicago			6	120	132	29,143		3	13	96	1,797	1,721	566,816	2,621	6
Elkhart							7		4	82	1,579	1,440	496,314	2,757	10
Elwood							3		3	41	994	1,057	299,718	1,665	6
Gary			14	508	445	87,024		3	8	75	3,185	3,065	850,635	4,407	11
Hammond			13	392	356	99,546		10	2	117	2,214	2,018	560,520	3,108	11
Huntington			3	91	120	16,112		2	5	30	698	777	255,060	1,417	6
Kokomo							2		8	82	2,123	2,048	520,344	2,931	8
Le Fayette							4		4	71	1,313	1,230	372,541	2,781	9

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Leopold							32	702	731	228,780	1,204	3
Leopold							76	1,976	1,480	515,805	2,888	11
Madison							65	1,062	1,154	392,650	2,674	13
Madison							6	1,002	1,124	237,206	1,296	9
Madison							49	785	708	257,206	1,296	8
Madison							107	1,929	1,961	387,404	2,041	8
Madison							2	1,571	1,617	450,670	2,522	12
Madison							45	800	842	246,810	1,364	10
Madison							18	1,609	1,566	440,043	2,472	10
Madison							50	1,345	1,282	358,253	1,963	8
Madison							2	968	925	282,168	1,603	7
Madison							95	1,670	1,611	478,689	2,630	12
Madison							81	1,295	1,238	349,085	1,887	10
Madison							140	1,716	2,741	723,776	4,208	15
Madison							37	898	971	157,149	919	8
Madison							57	1,037	1,037	260,345	1,496	6
Madison							61	1,167	1,067	308,184	1,771	8
Madison							90	1,173	1,400	376,280	2,646	8
Madison							74	1,173	1,105	307,844	2,188	8
Madison							120	2,243	2,192	642,336	3,510	15
Madison							90	1,471	1,445	432,540	2,338	8
Madison							64	1,073	1,076	324,275	1,853	6
Madison							43	783	783	206,924	1,196	7
Madison							62	1,380	1,365	336,948	1,937	11
Madison							81	1,169	1,296	242,886	1,372	10
Madison							89	1,767	1,953	485,728	2,824	9
Madison							64	1,072	1,168	312,967	1,739	5
Madison							64	1,155	1,149	300,626	1,576	8
Madison							70	1,119	1,147	280,014	1,662	10
Madison							44	1,119	1,117	285,014	1,639	6
Madison							77	1,713	1,729	433,635	2,574	8
Madison							65	880	718	183,118	954	7
Madison							53	1,045	1,054	265,288	1,442	6
Madison							55	1,170	1,228	293,438	1,670	8
Madison							88	1,966	1,764	530,338	2,888	10
Madison							49	1,169	1,296	240,098	1,579	3
Madison							40	801	877	262,576	1,151	5
Madison							19	1,109	1,296	240,098	1,579	2
Madison							30	876	982	246,517	1,436	3
Madison							121	2,565	2,794	640,060	3,556	12
Madison							64	1,157	1,129	315,379	1,823	23
Madison							107	2,000	1,938	480,499	3,000	28
Madison							35	469	440	146,411	839	14
Madison							61	1,196	1,115	271,160	1,525	21
Madison							53	903	891	261,154	1,471	9

Division as to sex estimated.

Statistics of 1915-16.

Estimated.



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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.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Maryland:																
Cumberland.														458,480	2,605	7
Frederick.														280,638	1,581	6
Hagerstown.														544,587	3,089	11
Massachusetts:																
Adams.														181,542	1,273	8
Arlington.														415,567	2,745	6
Attleboro.				16	18	3,174	17							477,461	2,745	15
Brockley.														535,151	3,023	12
Brockton.			17	254	238	49,132	284							528,881	3,057	12
Chicago.			2	32	30	8,272	44							648,445	3,449	12
Clinton.														237,384	1,334	11
Frammingham.														383,656	2,180	15
Gardner.				20	23	6,336	36							292,148	1,641	10
Greenfield.														606,130	3,641	21
Greenfield.			3	40	42	8,281	49							318,623	1,821	15
Leominster.			1	20	9	4,045	23							360,262	2,047	12
Marlboro.														697,822	1,837	5
Medford.														317,664	1,880	8
Needham.														497,237	2,314	16
Needham.														321,313	1,968	16
Needham.														342,729	2,054	11
Newburyport.				116	105	21,463	122							402,709	2,322	15
North Adams.														331,418	2,071	15
Peabody.														708,126	4,202	20
Plymouth.														174,180	944	10
Revere.														303,528	1,734	9
Southbridge.														440,526	2,296	14
Wakfield.														390,873	2,196	9
Waltham.														131,826	437	7
Woburn.																
Woburn.																
Webster.																

### STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

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City	1917	1918	Total	1917	1918	Total	1917	1918	Total	1917	1918	Total	1917	1918	Total
Westfield	38	57	95	1,512	1,430	2,942	496,279	2,522	2,022	4,544	1,101	1,101	2,202	1,858	4,060
Weymouth	60	60	120	1,143	1,165	2,308	342,799	2,053	2,053	4,092	571	571	1,142	908	2,050
Wichitop	43	43	86	941	941	1,882	282,868	1,631	1,631	3,262	581	581	1,162	908	2,043
Woburn	53	53	106	1,210	1,255	2,465	362,517	2,120	2,120	4,240	1,101	1,101	2,202	1,858	4,060
Michigan															
Adrian	37	37	74	770	802	1,572	217,900	1,171	1,171	2,342	708	708	1,416	1,086	2,504
Albion	38	38	76	708	708	1,416	217,900	1,171	1,171	2,342	708	708	1,416	1,086	2,504
Ann Arbor	64	64	128	1,096	1,133	2,229	325,834	2,174	2,174	4,348	1,096	1,096	2,192	1,889	4,081
Battle Creek	137	137	274	2,506	2,686	5,192	631,638	4,176	4,176	8,352	2,686	2,686	5,372	4,975	10,347
Eastland	80	80	160	1,140	1,040	2,180	371,202	2,120	2,120	4,240	1,101	1,101	2,202	1,858	4,060
Holland	53	53	106	916	900	1,816	273,642	1,816	1,816	3,632	916	916	1,832	1,816	3,648
Ironwood	54	54	108	1,272	1,225	2,497	408,388	2,115	2,115	4,230	1,096	1,096	2,192	1,889	4,081
Isaacson	48	48	96	871	789	1,660	273,559	1,457	1,457	3,114	708	708	1,416	1,086	2,504
Marquette	41	41	82	575	702	1,277	306,076	1,457	1,457	2,914	634	634	1,268	1,029	2,297
Mason	44	44	88	658	684	1,342	180,137	1,059	1,059	2,118	634	634	1,268	1,029	2,297
Port Huron	118	118	236	3,001	2,904	5,905	824,510	4,829	4,829	9,658	2,095	2,095	4,190	3,990	8,180
Sault Ste. Marie	96	96	192	2,307	2,292	4,599	696,660	3,598	3,598	7,196	2,095	2,095	4,190	3,990	8,180
Traverse City	82	82	164	3,092	2,932	6,024	991,000	3,955	3,955	7,910	2,095	2,095	4,190	3,990	8,180
Verona	83	83	166	1,433	1,481	2,914	509,350	2,671	2,671	5,342	1,096	1,096	2,192	1,889	4,081
Wisconsin	43	43	86	922	1,003	1,925	294,860	1,532	1,532	3,064	708	708	1,416	1,086	2,504
Mississippi	33	33	66	722	678	1,400	206,800	1,100	1,100	2,200	571	571	1,142	908	2,050
Missouri															
Minneapolis	32	32	64	477	532	1,009	182,034	1,011	1,011	2,022	477	477	954	722	1,676
St. Cloud	33	33	66	564	576	1,140	184,473	1,086	1,086	2,172	564	564	1,128	908	2,036
St. Paul	34	34	68	499	533	1,032	148,374	1,032	1,032	2,064	499	499	998	722	1,720
Verona	83	83	166	3,313	1,248	4,561	435,074	2,318	2,318	4,636	1,248	1,248	2,496	2,318	4,814
Wisconsin	53	53	106	945	888	1,833	295,985	1,568	1,568	3,136	571	571	1,142	908	2,050
Nebraska															
Lincoln	78	78	156	1,674	2,022	3,696	413,820	2,799	2,799	5,598	1,121	1,121	2,242	1,858	4,060
Omaha	38	38	76	1,121	1,363	2,484	324,547	1,858	1,858	3,716	708	708	1,416	1,086	2,504
Missouri															
St. Louis	82	82	164	1,559	1,612	3,171	425,790	2,406	2,406	4,812	1,096	1,096	2,192	1,889	4,081
St. Joseph	47	47	94	810	883	1,693	228,221	1,278	1,278	2,556	571	571	1,142	908	2,050
Webb City	45	45	90	942	990	1,932	260,445	1,455	1,455	2,910	708	708	1,416	1,086	2,504
Missouri	81	81	162	1,638	1,674	3,312	464,244	2,579	2,579	5,158	1,096	1,096	2,192	1,889	4,081
Nebraska	51	51	102	1,601	1,505	3,106	367,338	1,985	1,985	3,970	1,101	1,101	2,202	1,858	4,060
Illinois															
Springfield	67	67	134	1,071	1,107	2,178	290,432	1,459	1,459	2,918	708	708	1,416	1,086	2,504
Great Falls	116	116	232	1,948	1,735	3,683	504,297	3,029	3,029	6,058	1,096	1,096	2,192	1,889	4,081
Habersham	54	54	108	763	778	1,541	186,176	1,095	1,095	2,190	571	571	1,142	908	2,050
Missouri	55	55	110	1,070	1,068	2,138	306,086	1,661	1,661	3,322	708	708	1,416	1,086	2,504
Nebraska	53	53	106	1,101	1,101	2,202	308,173	1,751	1,751	3,502	571	571	1,142	908	2,050
Kansas															
New Hampshire	37	37	74	571	525	1,096	161,820	899	899	1,798	571	571	1,142	908	2,050
Portland	31	31	62	871	817	1,688	248,077	1,394	1,394	2,788	571	571	1,142	908	2,050
Concord	34	34	68	553	558	1,111	155,400	925	925	1,840	571	571	1,142	908	2,050
Lowell	41	41	82	693	684	1,377	186,490	1,097	1,097	2,194	571	571	1,142	908	2,050
Kansas	37	37	74	571	525	1,096	161,820	899	899	1,798	571	571	1,142	908	2,050

\* 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.		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.							
New Hampshire—Continued.																				
Laconia.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17				
Nashua.	18	189	213	36,540	235	0	30	3	74	1	48	563	525	159,300	921	9				
Portsmouth.	4	61	69	17,072	97	3	74	1	1	1	48	1,479	1,306	371,952	2,268	18				
New Jersey.																				
Asbury Park.	8	163	180	22,060	122	4	66	8	84	4	84	984	965	264,711	1,471	8				
Bloomfield.	19	389	421	115,649	615	4	52	2	96	4	96	1,185	1,183	349,800	1,861	8				
Garfield.	11	180	204	57,864	203	3	89	3	89	3	89	1,000	1,000	601,860	3,220	5				
Hoboken.	5	270	280	44,343	236	3	104	3	104	3	104	1,200	1,200	406,700	2,170	4				
Irvington.	9	185	191	43,003	229	3	68	3	68	3	68	1,745	1,745	619,051	3,258	7				
Keany (P. O., Arlington).	4	123	117	19,172	104	3	63	3	63	3	63	1,232	1,232	534,533	2,820	8				
Millville.	18	226	236	43,617	237	2	137	2	137	2	137	1,521	1,521	313,273	1,871	9				
Montclair.	10	236	216	47,921	274	0	46	0	46	0	46	1,721	1,721	560,140	3,044	7				
Morrisville.	11	373	359	82,025	425	8	117	8	117	8	117	2,251	2,251	210,391	1,185	3				
New Brunswick.	13	277	252	50,537	276	4	53	4	53	4	53	1,157	1,157	390,226	2,313	7				
Plainfield.	8	256	245	78,900	400	4	82	4	82	4	82	1,789	1,789	619,108	2,837	11				
Elizabeth.	10	229	217	44,880	240	4	118	4	118	4	118	2,526	2,526	284,811	1,461	3				
West New York.	5	115	90	23,920	130	3	50	3	50	3	50	1,048	1,048	328,589	1,737	9				
West Orange.	4	72	70	16,821	89	5	47	5	47	5	47	878	711	280,416	1,524	6				
New Mexico.																				
Albuquerque.	5	115	90	23,920	130	3	50	3	50	3	50	1,048	1,048	328,589	1,737	9				
New York.																				
Eastville.	4	72	70	16,821	89	5	47	5	47	5	47	878	711	280,416	1,524	6				
Beacon.	3	66	66	1,090	666	3	33	3	33	3	33	972	972	287,091	1,519	8				
Colosse.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Corning.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
District No. 9.	2	22	22	412	412	2	22	2	22	2	22	460	412	127,185	689	3				
District No. 13.	4	41	41	689	689	4	41	4	41	4	41	401	431	123,356	651	3				

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	1917	1918	
Cortland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dunkirk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fulton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geneva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gloversville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hammond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ilwaco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Johnson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kingston	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Little Falls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lockport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Middletown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Newburgh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Rochelle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Tonawanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ogdensburg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Olean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oswego	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peabody	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District No. 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District No. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plattsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Port Chester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rocheester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saratoga Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Watertown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Watervliet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Plains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Carolina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ashville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Durham	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Winston-Salem	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fargo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Fortis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allahabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bellairs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cambridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chillicothe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Liverpool	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elmira	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Findlay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ironton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Statistics of 1915-10.

Division as to sex estimated.

Statistics of 1915-10.

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.					
	2	3	4	Male.	Fe- male.	7	8	9	10	Male.	Fe- male.	11	12	13	14	15	16	17		
Ohio—Continued.																				
Lakewood			9	205	204	37,904	206	5	7	0	140	11	12	13	14	15	16	17		
Lancaster			5	145	153	52,852	292	3	4	3	58	0	0	0	0	0	0	0	0	
Lorain										8	102	8	8	8	8	8	8	8	8	
Mansfield										4	108	4	4	4	4	4	4	4	4	
Marion										6	100	6	6	6	6	6	6	6	6	
Massillon										2	67	2	2	2	2	2	2	2	2	
Middletown										1	100	1	1	1	1	1	1	1	1	
Newark										13	67	13	13	13	13	13	13	13	13	
Newark										1	52	1	1	1	1	1	1	1	1	
Piquet										2	71	2	2	2	2	2	2	2	2	
Parsonsouth										2	110	2	2	2	2	2	2	2	2	
Shadyside										4	36	4	4	4	4	4	4	4	4	
Stamilton										6	114	6	6	6	6	6	6	6	6	
Tiffin										4	97	4	4	4	4	4	4	4	4	
Warren										4	41	4	4	4	4	4	4	4	4	
Zanesville										2	47	2	2	2	2	2	2	2	2	
Ohio—Continued.										2	10	2	2	2	2	2	2	2	2	
Chickasha										1	41	1	1	1	1	1	1	1	1	
Gruthrie										2	47	2	2	2	2	2	2	2	2	
McAlester										6	10	6	6	6	6	6	6	6	6	
Muskogee										2	10	2	2	2	2	2	2	2	2	
Shawnee										2	24	2	2	2	2	2	2	2	2	
Tulsa										10	21	10	10	10	10	10	10	10	10	
Oregon:										7	67	7	7	7	7	7	7	7	7	
Salem										1	51	1	1	1	1	1	1	1	1	
Pennsylvania:										3	48	3	3	3	3	3	3	3	3	
Beaver Falls										0	68	0	0	0	0	0	0	0	0	
Bradford										2	56	2	2	2	2	2	2	2	2	
Bradford										4	87	4	4	4	4	4	4	4	4	
Butler										1	963	1	1	1	1	1	1	1	1	



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Carbondale	68	1,584	1,565	488,480	2,571	13
Carlisle	20	1,700	1,703	1,310	1,310	7
Chambersburg	41	1,068	1,053	328,736	1,820	6
Columbia	35	818	832	270,136	1,521	5
Dubuque	60	1,126	1,124	381,960	2,151	6
Duquesne	79	1,373	1,337	453,656	2,520	9
Easton	108	2,446	2,469	837,140	4,408	17
Greensburg	49	1,289	1,215	343,210	1,906	8
Hickory	71	1,685	1,545	445,320	2,474	10
Indianapolis	69	1,414	1,529	492,864	2,567	11
Jackson	38	984	907	292,000	1,480	4
Knox	34	1,319	1,417	455,940	2,533	6
Madison	83	1,873	1,821	575,443	1,530	4
Madison Park	47	1,657	1,628	570,369	3,169	6
Marietta	43	1,632	1,633	342,940	1,903	7
Memphis	89	2,071	2,073	681,442	3,367	5
Meriden	89	2,071	2,073	681,442	3,367	5
Milwaukee	57	1,104	1,049	379,042	3,045	10
Minneapolis	36	713	689	211,874	2,070	3
Missouri	72	1,358	1,327	440,844	2,404	4
Montgomery	51	1,372	1,409	440,280	2,446	7
Morrisville	63	1,138	1,106	402,921	2,019	21
North Braddock (P. O. Braddock)	61	1,401	1,401	482,220	2,538	12
Northampton	64	1,490	1,502	507,261	2,818	12
Northampton	77	1,684	1,638	485,960	2,667	8
Northampton	76	1,753	1,837	599,000	3,331	11
Northampton	57	1,322	1,278	378,738	2,104	8
Northampton	68	1,199	1,170	378,540	2,103	8
Northampton	78	1,500	1,407	554,780	1,971	7
Northampton	37	849	773	239,600	2,537	7
Northampton	83	1,541	1,468	472,080	2,626	4
Northampton	70	1,087	1,023	286,241	1,589	9
Northampton	130	2,331	2,331	597,112	3,112	22
Northampton	39	540	585	204,178	1,049	13
Northampton	104	1,695	1,631	434,813	2,754	13
Northampton	64	1,284	1,237	314,650	1,934	18
Northampton	83	2,505	2,704	797,454	3,688	9
Northampton	67	2,105	2,251	546,380	2,905	7
Northampton	50	794	819	215,674	1,494	7
Northampton	108	1,527	1,563	419,320	2,389	12
Northampton	59	1,629	1,803	991,500	2,175	6

Statistics of 1916-17.

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.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Super- visors.	Prin- cipals.	Teach- ers.	Enrollment.		Aggre- gate attend- ance.	Aver- age daily attend- ance.	Num- ber of schools.					
				Male.	Fe- male.					Male.	Fe- male.	Male.	Fe- male.							
Texas:	2	3	4	5	6	7	8	9	10	12	13	14	15	16	17					
Austin																				
Beaumont			1	25	28	3,038	17													
Brownsville																				
Cleburne																				
Deason																				
Marshall																				
Paducah																				
San Angelo																				
Sherman																				
Temple																				
Tyler																				
Waco																				
Utah:			12	138	146	33,382	189	3	11	5	205	3,049	2,960	4,854	14					
Ogden																				
Vermont:																				
Barre																				
Burlington																				
Rutland																				
Virginia:																				
Alexandria																				
Danville																				
Newport News																				
Richmond																				
Staunton																				
Washington:																				
Albany																				
Bellingham																				
Everett																				
Walla Walla																				
Yakima																				



TABLE 86.—Personnel and number of secondary, normal, vocational, and special schools, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

Cities.	Secondary.										Normal, vocational, special.														
	Super- visors.		Prin- cipals.		Teachers.		Enrollment.		Aver- age daily attend- ance.		Num- ber of schools.		Super- visors.		Prin- cipals.		Teachers.		Enrollment.		Aver- age daily attend- ance.		Num- ber of schools.		
	8	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Alabama:																									
Birmingham.....	1	3	30	79	1,395	1,984	452,589	2,557	3			21	6	431	106	19,096	314	2							
California:																									
Los Angeles.....	6	45	309	616	5,928	7,338	1,900,143	10,216	15																
Oakland.....	3	6	60	146	2,059	3,649	743,824	3,936	4			21	10	393	454	79,338	410	2							
San Francisco.....	2	5	69	118	2,524	3,577	831,567	4,298	5			0	10	242	127	25,996	134	3							
Colorado:																									
Denver.....	5	5	56	145	2,438	2,816	852,840	4,635	5			2	12	50	2,209	381,248	2,072	8							
Connecticut:																									
Hartford.....	1	1	22	54	956	1,034	317,050	1,726	1			8	33	281	248	72,137	399	4							
New Haven.....			46	77	1,876	2,146	644,377	3,464	1			17	10	186	52	43,186	167	1							
Westville District																									
Dist. Columbia:																									
Washington.....	7	124	201	3,209	3,988	998,630	5,805	7				2	14	43	418	70,944	410	5							
Georgia:																									
Atlanta.....	3	23	44	381	1,192	1,192	241,749	1,343	3			3	45	24	1,146	282,090	1,461	2							
Illinois:																									
Chicago.....	5	22	478	619	15,954	17,555	5,804,940	31,738	22			31	39	5,172	2,929	890,440	4,378	3							
Indiana:																									
Indianapolis.....	3	85	139	2,635	3,873	872,983	4,877	4				2	2	1	0	38	6,265	35	1						
Kentucky:																									
Louisville.....	3	57	75	1,376	1,955	514,583	2,943	3				3	5	24	304	91,448	407	7							
Louisiana:																									
New Orleans.....	3	31	89	854	1,764	402,964	2,299	3				2	0	33	372	54,373	303	2							
Maryland:																									
Baltimore.....	5	120	116	2,976	2,976	849,000	4,800	5				2	6	15	123	48,832	276	4							
Massachusetts:																									
Boston.....	9	15	263	296	8,120	9,299	2,629,095	14,406	15			5	45	101	6,138	5,179	1,635,685	5,662	8						
Cambridge.....	1	2	43	1,312	1,458	432,822	2,418	2				2	0	0	40	17,266	67	2							
Fall River.....	1	1	30	741	801	226,440	1,264	2				0	0	30	241	38,720	220	4							
Lowell.....	1	1	15	40	741	801	226,440	1,264	2			1	10	8	107	29,525	163	1							
Worcester.....	1	4	58	116	1,933	1,979	561,373	2,940	4																

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	City	12	216	438	8,327	8,202	2,292,024	12,432	12	2	1	32	120	2,041	3,055	630,448	3,792	7
Michigan	Detroit	6	42	83	1,452	1,696	397,464	2,324	5		3	3	55	700	4,420	115,432	3,464	3
Minnesota	Grand Rapids	6	116	231	3,640	5,184	1,432,798	7,872	8		1	0	34	6	645	74,305	408	1
	Minneapolis	4	60	121	1,635	2,018	630,063	3,408	4	1	1	0	19	155	65	29,304	158	4
Missouri	St. Paul	6	152	161	3,193	4,631	1,127,080	5,932	6	2	1	14	17	236	200	45,980	242	4
	Kansas City	6	176	183	4,608	5,978	1,727,175	8,812	6	1	1	7	65	1,042	694	190,805	1,019	10
Nebraska	St. Louis	6	46	121	1,766	2,144	712,065	3,849	4		1	4	0	56	0	6,200	34	1
New Jersey	Omaha	2	82	78	1,943	2,131	671,928	3,475	2		1	0	27	194	194	61,003	318	2
	Jersey City	7	136	128	2,747	2,891	919,462	4,801	7		2	12	73	775	999	212,257	1,118	11
	Newark	1	60	40	1,060	965	298,836	1,697	1	1	1	1	16	67	116	26,152	149	11
New York	New York	1	10	53	738	827	226,123	1,188	1	3	1	4	7	105	60	29,012	115	2
	Albany	1	7	265	2,843	2,711	835,497	4,329	1	4	1	4	169	875	64	112,712	384	2
	Buffalo	1	38	139	40,863	43,237	9,713,596	52,646	24	7	17	228	806	10,007	9,284	2,649,888	13,878	10
	New York	3	1,315	1,427	1,743	1,743	491,464	2,715	4	1	3	27	39	467	468	102,277	571	4
	Rochester	2	67	68	1,378	1,766	497,166	2,468	3		3	0	32	379	126	66,612	386	6
	Syracuse	3	47	68	1,378	1,766	497,166	2,468	3		3	0	32	379	126	66,612	386	6
Ohio	Cincinnati	7	105	117	2,213	2,765	771,375	4,125	7		7	7	29	474	190	81,532	436	10
	Cleveland	9	215	310	4,692	4,661	1,532,258	8,410	10		4	34	46	737	365	115,933	637	4
	Columbus	4	44	87	1,985	2,372	665,494	3,503	3		5	4	13	470	144	54,017	277	5
	Dayton	3	62	73	1,231	1,557	468,730	2,467	2		2	4	13	470	144	54,017	277	5
	Toledo	2	42	67	1,461	1,758	497,028	2,716	2	1	3	0	32	379	126	66,612	386	6
Oregon	Portland	6	78	153	2,200	3,460	904,194	4,734	6		2	23	32	842	1,057	132,036	706	3
Pennsylvania	Pittsburgh	11	376	601	8,847	10,746	2,762,464	14,492	11	1	3	32	63	937	667	186,456	1,018	4
	Philadelphia	12	197	146	5,037	5,503	1,649,800	9,249	10	1	3	20	34	1,318	1,927	171,533	2,558	4
	Scranton	2	31	45	1,035	1,358	351,000	1,800	3		1	7	14	1,017	642	169,760	368	6
Rhode Island	Providence	5	75	108	1,820	1,915	538,798	3,044	4		1	16	44	420	132	71,223	445	1
Tennessee	Memphis	2	25	66	675	1,097	268,150	1,695	3		1	5	5	91	21	11,738	66	1
	Nashville	2	18	37	586	913	234,646	1,311	2		1	5	39	489	642	141,542	782	5
Virginia	Richmond	2	27	66	878	1,645	342,271	1,891	5	1	5	8	8	260	22	39,080	173	3
Washington	Seattle	9	129	167	2,706	4,013	1,024,491	6,598	6	1	1	1	8	138	75	20,204	127	2
Wisconsin	Spokane	2	68	60	1,603	2,232	514,117	2,856	2		0	0	8	138	75	20,204	127	3
	Madison	2	64	110	3,146	3,963	953,663	4,993	7		3	20	44	493	558	120,903	633	3

1 Excluding pupils enrolled in other schools within the State during the year.  
 2 Not including Westville district.  
 3 Estimated.  
 4 Secondary includes junior high school and junior college.

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.	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.			
Alabama:	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Mobile.....		1	7	22	347	712	141,134	868	2									
Montgomery.....		1	7	19	272	470	97,060	578	1									
Arkansas:																		
Little Rock.....		2	15	25	556	868	192,270	1,105	2									
California:																		
Berkeley.....		1	31	62	1,024	1,339	259,137	1,378	1									
Pasadena.....	7	1	25	68	836	1,053	251,000	1,494	2									
Sacramento.....		1	27	44	680	1,011	226,140	1,307	4	1	0	1	8	8	2,178	13	1	
San Diego.....		4	39	48	751	925	242,281	1,401	2									
Colorado:																		
Fruita.....		1	15	18	261	325	89,482	471	1									
District No. 1.....		1	8	16	239	376	77,550	440	1									
District No. 2d.....																		
Connecticut:																		
Hartford.....	2	3	39	80	938	1,408	337,360	2,152	1									
Meriden.....			428	25	344	17,900	655	1										
New Britain.....			12	4	57	27,460	1,097	2										
Waterbury.....		1	19	39	813	701	226,140	1,323	2	1	11	0	161	0	23,800	140	1	
Delaware:																		
Wilmington.....		2	9	47	576	685	175,399	969	2									
Florida:																		
Jacksonville.....		1	6	19	311	479	112,969	664	1									
Tampa.....	1	2	5	21	406	397	92,446	642	2									
Georgia:																		
Augusta.....		2	13	15	265	289	85,903	540	2									
Macon.....		1	15	23	494	645	146,140	823	2									
Savannah.....		1	12	13	800	513	137,772	774	2									
Illinois:																		
Decatur.....		1	21	35	566	739	187,434	1,053	1									
East St. Louis.....		1	19	28	459	580	145,366	739	2									
Joliet.....																		
Peoria.....		2	22	41	655	842	216,742	1,184	2									

STATISTICS OF CITY SCHOOL SYSTEMS,,1917-1918.

Quincy	12	271	392	112,039	692	1	1	0	1	14	5	2,976	16	1
Rockford	28	796	933	255,401	1,410	1	1	4	0	108	0	1,831	79	1
Springfield	14	628	778	134,356	730	1	1							
Ladies	28	649	843	249,139	1,287	2	2	13	22	80	103	19,968	104	2
Evansville	15	547	669	184,928	859	1	1							
Fort Wayne	27	547	669	184,928	859	1	1							
South Bend	20	546	669	184,928	859	1	1							
Terre Haute	15	678	946	232,101	1,254	2	2	12	7	106	299	45,066	244	2
Iowa:														
Cedar Rapids	9	382	551	144,150	775	1	1							
Davenport	17	546	620	158,391	928	1	1	5	15	96	136	37,372	202	1
Des Moines	36	1,601	2,117	551,232	3,132	3	3	0	2	23	12	3,737	22	1
Sioux City	16	810	909	278,483	1,547	4	4	1	10	12	50	11,100	62	2
Kansas:														
Kansas City	46	825	1,163	288,050	1,646	4	4							
Topeka	19	620	815	210,714	1,218	4	4							
Wichita	20	704	1,068	224,368	1,282	4	4							
Kentucky:														
Covington	10	206	345	76,448	411	2	2							
Lexington	28	215	289	84,915	459	2	2							
Newport	4	210	240	69,776	356	2	2							
Mahe:														
Fertland	20	921	1,168	297,404	1,797	2	2							
Massachusetts:														
Brockton	14	689	1,086	285,397	1,368	1	1							
Chelsea	5	580	688	175,541	982	1	1							
Feverett	31	497	510	145,948	824	1	1							
Fitchburg	17	488	569	160,748	888	1	1							
Haverhill	30	475	564	146,540	862	1	1							
Holyoke	27	383	444	130,144	700	1	1	8	0	74	0	8,370	45	1
Lawrence	15	640	803	174,384	991	2	2							
Lynn	28	905	1,015	270,930	1,642	2	2							
Malden	54	541	568	171,776	976	1	1							
New Bedford	37	471	617	188,135	985	1	1	11	6	135	42	18,185	94	1
North Attleboro	26	646	825	233,089	1,383	1	1	25	19	270	114	64,231	267	2
Pittsfield	4	483	588	146,832	834	2	2							
Quincy	35	483	588	146,832	834	2	2							
Salem	17	493	580	165,351	899	1	1	10	4	98	37	18,344	100	2
Somerville	25	815	1,170	327,611	1,731	1	1	7	9	79	62	17,283	105	4
Springfield	64	815	1,170	327,611	1,731	4	4	10	0	92	0	12,690	69	1
Tyngsboro	118	1,022	1,220	324,638	1,739	3	3							
Tyngsboro	17	347	471	124,638	725	1	1							
Michigan:														
Bay City	34	416	471	146,400	800	1	1	0	9	79	69	16,470	80	2
Calumet	16	506	606	184,446	936	1	1							
Flint	6	330	451	123,365	693	2	2							
Jackson	25	402	466	138,188	709	1	1							
Kalamazoo	9	448	521	156,517	899	1	1	3	12	110	69	23,091	131	2
Lansing	16	439	504	156,029	941	1	1	0	1	4	6	1,352	8	1
East side	25	439	504	156,029	941	1	1							
West side	13	434	443	126,175	721	1	1	0	3	28	15	5,600	32	1
West side	15	100	312	74,000	373	1	1	5	6	139	64	26,400	132	1

\* 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.	Secondary.														Normal, vocational, special.			
	Super- visors.	Prin- cips.	Teachers.		Enroll- ment.	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.				
1	3	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	250,980	1,371	5	2		2	17	94	38	28,665	157	12
Missouri:																		
St. Joseph.....		1	7	19	311	446	101,700	565	1									
Springfield.....		5	27	51	650	959	231,926	1,296	5		1	4	0	75	0	7,108	40	1
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:																		
Manchester.....		1	7	39	413	599	167,625	923	3									
New Jersey:																		
Atlantic City.....		3	24	31	559	629	156,175	909	1			7	10	95	76	12,803	73	1
Bayonne.....		1	15	26	460	596	174,228	898	1			5	4	132	0	25,732	131	1
Camden.....		1	12	25	388	473	120,275	626	1									
East Orange.....		1	16	39	668	722	218,743	1,163	1									
Elizabeth.....		1	15	30	605	716	202,246	1,037	1			0	2	34	8	6,925	35	1
Hoboken.....		1	15	21	371	299	108,666	591	1									
Passaic.....		1	9	31	409	437	133,800	736	1			6	7	140	33	25,169	138	2
West Hoboken.....		1	12	28	286	192,342	965	565	1			0	1	8	7	2,353	13	1
New York:																		
West Hoboken.....		1	31	72	1,178	1,501	344,813	1,815	1			0	20	194	108	39,300	207	7
Alexandria.....		1	8	14	230	352	92,129	470	1			0	1	12	3	1,947	10	1
Auburn.....		1	4	14	190	240	68,995	369	1			2	2	60	16	10,330	54	1
Elghamilton.....		1	13	29	387	417	115,897	642	1									
Elmira.....		1	10	46	385	539	115,468	617	1			10	7	128	0	19,099	89	1
Jamesstown.....		1	7	33	518	670	178,910	941	1			2	3	132	47	13,245	75	1
Mount Vernon.....		2	12	30	459	655	151,920	799	2			1	1	32	6	32,630	179	1
Niagara Falls.....		2	10	33	444	566	156,461	873	2			6	6	151	70	32,630	179	1
Schenectady.....		1	17	63	884	977	271,271	1,466	1			0	2	0	34	5,221	28	1





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:		Aver- age daily attend- ance.	Num- ber of schools.	Super- visors.	Princi- pals.	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	18	19
Virginia:																		
Norfolk.....			20	82	741	1,127	328,800	1,644	2									
Portsmouth.....		1	5	19	315	99,076	70,357	402	2									
Washington.....		1	3	13	177	315	70,350	402	1									
Texas:																		
Waco.....		4	40	62	1,199	1,663	361,380	1,986	2									
West Virginia:																		
Huntington.....		5	33	93	1,637	1,072	267,756	1,673	6									
Wheeling.....		2	13	28	335	451	132,664	731	2									
Wisconsin:																		
La Crosse.....		3	15	28	491	601	160,679	878	1									
Oshkosh.....		2	8	26	438	558	153,706	788	1									
Racine.....		1	6	28	411	571	147,488	763	1									
Superior.....			16	32	550	677	201,970	1,063	2									

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Alabama:																		
Anniston.....			2	6	46	107	19,775	113	1									
Bessemer.....		3	12	178	266	317	56,792	317	1									
Opelika.....		1	6	120	135	32,630	185	185	1									
Selma.....		1	5	130	180	46,192	275	1	1									
Arizona:																		
Tucson.....		1	3	9	148	150	30,270	238	1									
Arkansas:																		
Fert Smith.....		1	6	23	321	441	102,942	602	1									
Hot Springs.....		1	6	19	255	358	87,536	504	1									
North Little Rock.....		1	3	5	50	212	37,840	220	2									
Pine Bluff.....		1	8	10	140	215	58,975	337	2									

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	City	Divisions	Enrollment	Teachers	Salaries	Buildings	Land	Other	Notes	
California:	Alameda	1	983	1,570	145,610	772				
	Alameda	1	182	284	75,704	403				
	Alameda	1	782	808	201,046	1,180				
	Long Beach	1	486	1,041	220,610	1,220				
	Pomona	3	47	40	124,410	715				
	Redlands	1	27	41	72,027	432				
	Elvertide	2	11	47	154,368	173				
	San Jose	1	37	53	184,368	1,078				
	Santa Cruz	1	17	42	154,368	1,078				
	Stockton	2	8	13	71,243	377				
Colorado:	Vallejo	1	438	575	144,537	808				
	Vallejo	2	113	229	38,380	210				
	Colorado Springs	16	549	682	157,903	877				
	District No. 1	3	4	49	10,974	62				
	Trinidad	1	13	197	248	57,024	324			
	Connecticut:	Bridgeport	4	15	172	67,800	372			
		Bridgeport	1	1	102	59,452	323			
		Danbury	1	11	228	74,978	459			
		Greenwich	6	13	223	72,080	402			
		Middletown	3	3	20	105,312	349			
Newtown		2	10	144	199	55,312	349			
Norwalk		8	35	471	190,485	1,000				
South Manchester		1	15	150	61,041	330				
Stamford		18	28	394	146,174	778				
Torrington		9	11	180	225	65,539	304			
Florida:	Wallingford	1	3	144	185	54,180	301			
	Windham	1	2	13	189	256	67,991	370		
	Florida	2	14	144	275	62,405	380			
	Georgia	8	14	186	235	46,458	267			
	Atlanta	4	6	112	123	32,940	183			
	Brunswick	5	8	217	60,663	346				
	Columbus	5	8	334	94,080	360				
	Rome	2	1	83	135	35,120	186			
	Waycross	1	14	435	576	127,838	739			
	Idaho:	Boise	1	14	19	127,838	739			
Idaho		1	4	16	74,496	388				
Alton		1	4	200	246	74,496	388			
Alton		1	4	200	246	74,496	388			
Alton		1	4	200	246	74,496	388			
Alton		1	4	200	246	74,496	388			
Alton		1	4	200	246	74,496	388			
Alton		1	4	200	246	74,496	388			
Alton		1	4	200	246	74,496	388			
Alton		1	4	200	246	74,496	388			
Illinois:	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
Indiana:	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			
	Alton	1	4	200	246	74,496	388			

\* Not including district No. 1.

† Statistics of 1915-16.

‡ 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.	Princi- pals.	Teachers.		Enrollment.		Aver- age atend- ance.	Num- ber of schools.	Super- visors.	Princi- pals.	Teachers.		Enrollment.		Aver- age daily attend- ance.	Num- ber of schools.		
			Male.	Fe- male.	Male.	Fe- male.					Male.	Fe- male.	Male.	Fe- male.				
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Illinois—Continued.</b>																		
Galesburg.....		1	13	22	380	557	142,072	806	1									
Jacksonville.....		1	3	16	148	265	64,880	326	1									
Kankakee.....		1	5	11	176	280	68,727	380	1									
Lancaster.....			4	8	104	170	46,579	257	1									
Mattoon.....			4	10	171	238	58,671	321	1									
Moine.....		3	8	19	457	505	134,747	758	1									
Rock Island.....		2	10	23	364	436	103,353	626	1									
<b>Indiana</b>																		
East Chicago.....		2	9	18	245	222	77,592	402	2									
Elkhart.....			45	16	290	334	97,056	539	1									
Ellettsville.....		1	2	8	200	220	60,228	335	1									
Georgetown.....			15	26	272	323	87,126	459	2									
Hammond.....		1	11	20	394	412	109,630	577	1									
Hamlet.....			10	11	216	247	63,180	351	1									
Jacksonville.....			11	11	200	191	53,640	296	1									
Kokomo.....		5	11	12	297	271	76,448	390	1									
La Fayette.....			12	12	297	271	76,448	390	1									
Lafayette.....			7	7	145	140	53,770	283	1									
Lebanon.....			5	19	220	294	84,009	483	1									
Marion.....			9	14	285	318	90,825	510	1									
Michigan City.....		1	5	10	131	235	53,230	298	1									
Mishawaka.....			5	7	139	142	55,600	278	1									
Muncie.....		7	6	31	598	706	203,685	1,132	1									
New Albany.....		2	7	16	196	223	61,944	348	2									
Perrysville.....			5	9	145	210	56,450	313	1									
Richmond.....		1	16	19	360	417	119,877	672	1									
Vincennes.....		2	16	16	202	265	62,560	349	1									
<b>Iowa</b>																		
Boone.....		2	5	18	248	390	77,973	413	1									
Burlington.....		1	13	19	293	370	110,043	608	1									
Clinton.....		4	2	20	221	321	83,053	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.				
Massachusetts—Con.																			
Leicester.....	1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Medford.....	1	1	17	17	230	305	81,496	480	1	1	1	1	1	1	1	1	1	1	
Methuen.....	1	1	19	15	170	434	57,789	304	1	1	1	1	1	1	1	1	1	1	
Milford.....	1	1	2	4	42	349	105,099	1,044	1	1	1	1	1	1	1	1	1	1	
Newburyport.....	1	1	2	2	22	111	32,118	152	1	1	1	1	1	1	1	1	1	1	
North Adams.....	1	1	2	6	99	111	60,284	377	1	1	1	1	1	1	1	1	1	1	
Northampton.....	1	1	3	10	170	207	62,744	356	1	1	1	1	1	1	1	1	1	1	
Peabody.....	1	1	3	12	185	240	59,017	324	1	1	1	1	1	1	1	1	1	1	
Plymouth.....	1	1	3	13	146	233	55,353	296	1	1	1	1	1	1	1	1	1	1	
Revere.....	1	1	3	13	116	193	71,474	433	1	1	1	1	1	1	1	1	1	1	
Southbridge.....	1	1	3	19	270	234	48,866	278	1	1	1	1	1	1	1	1	1	1	
Waltham.....	1	1	6	33	150	172	111,719	677	1	1	1	1	1	1	1	1	1	1	
Woburn.....	1	1	2	16	80	207	88,888	494	1	1	1	1	1	1	1	1	1	1	
Worcester.....	1	1	3	17	229	300	81,961	460	1	1	1	1	1	1	1	1	1	1	
Wrentham.....	1	1	6	20	220	354	88,888	494	1	1	1	1	1	1	1	1	1	1	
Windsor.....	1	1	2	5	99	89	28,068	157	1	1	1	1	1	1	1	1	1	1	
Woburn.....	1	1	2	14	130	221	62,546	336	1	1	1	1	1	1	1	1	1	1	
Worcester.....	1	1	2	11	151	214	94,423	527	1	1	1	1	1	1	1	1	1	1	
Worcester.....	1	1	3	22	264	333	94,423	527	1	1	1	1	1	1	1	1	1	1	
Worcester.....	1	1	3	19	265	340	91,105	533	1	1	1	1	1	1	1	1	1	1	
Michigan:																			
Adrian.....	1	1	6	15	210	275	85,374	459	1	1	1	1	1	1	1	1	1	1	
Alpena.....	1	1	4	8	100	172	41,284	236	1	1	1	1	1	1	1	1	1	1	
Ann Arbor.....	1	1	12	30	268	430	130,156	646	1	1	1	1	1	1	1	1	1	1	
Battle Creek.....	1	1	16	27	458	626	152,151	909	1	1	1	1	1	1	1	1	1	1	
East Lansing.....	1	1	6	11	187	218	72,400	367	1	1	1	1	1	1	1	1	1	1	
Holland.....	1	1	4	11	162	199	62,008	344	1	1	1	1	1	1	1	1	1	1	
Ipsworth.....	1	1	4	15	176	278	73,117	379	1	1	1	1	1	1	1	1	1	1	
Ironwood.....	1	1	4	13	176	278	73,117	379	1	1	1	1	1	1	1	1	1	1	
Shenandoah.....	1	1	4	13	281	292	81,705	435	1	1	1	1	1	1	1	1	1	1	
Manistee.....	1	1	2	13	110	205	58,995	301	1	1	1	1	1	1	1	1	1	1	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	1917	1918	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19
Marquette	1	1	1	1	314	314	57,402	57,402	203	160	271	338
Menominee	1	1	1	1	205	205	66,766	66,766	203	190	271	338
Muskegon	2	2	2	2	340	340	97,900	97,900	382	368	489	524
Pontiac	1	1	1	1	218	218	86,480	86,480	268	288	465	465
Port Huron	4	4	4	4	280	280	79,800	79,800	420	420	420	420
Sault Ste. Marie	6	6	6	6	322	322	72,380	72,380	355	355	355	355
Traverse City	5	5	5	5	179	179	52,456	52,456	203	179	322	355
Michigan	2	2	2	2	338	338	96,857	96,857	353	353	353	353
St. Clair	4	4	4	4	172	172	63,223	63,223	239	239	239	239
St. Ignace	4	4	4	4	145	145	65,977	65,977	238	238	238	238
Stillewater	5	5	5	5	21	21	91,740	91,740	483	483	483	483
Virginia	7	7	7	7	184	184	75,600	75,600	420	420	420	420
Winona	10	10	10	10	247	247	62,609	62,609	358	358	358	358
Mississippi	1	1	1	1	327	327	47,310	47,310	267	267	267	267
Jackson	1	1	1	1	325	325	40,803	40,803	220	220	220	220
Vicksburg	2	2	2	2	161	161	60,800	60,800	310	310	310	310
Missouri	3	3	3	3	225	225	89,040	89,040	488	488	488	488
Hannibal	6	6	6	6	316	316	57,527	57,527	320	320	320	320
Jefferson City	1	1	1	1	243	243	67,116	67,116	376	376	376	376
Moberly	5	5	5	5	327	327	108,268	108,268	598	598	598	598
Scotts	8	8	8	8	188	188	61,721	61,721	311	311	311	311
Webb City	2	2	2	2	240	240	53,684	53,684	305	305	305	305
Montana	1	1	1	1	185	185	57,600	57,600	320	320	320	320
Billings	6	6	6	6	181	181	147,530	147,530	920	920	920	920
Great Falls	9	9	9	9	390	390	33,000	33,000	400	400	400	400
Nebraska	1	1	1	1	105	105	73,060	73,060	153	153	153	153
Hastings	8	8	8	8	237	237	61,428	61,428	377	377	377	377
Grand Island	1	1	1	1	164	164	83,304	83,304	468	468	468	468
Nevada	6	6	6	6	285	285	78,872	78,872	438	438	438	438
Reno	14	14	14	14	271	271	83,700	83,700	450	450	450	450
New Hampshire	1	1	1	1	237	237	102,451	102,451	547	547	547	547
Berlin	8	8	8	8	196	196	49,800	49,800	273	273	273	273
Concord	5	5	5	5	212	212	84,777	84,777	150	150	150	150
Dover	3	3	3	3	380	380	84,777	84,777	150	150	150	150
Durham	1	1	1	1	105	105	47,371	47,371	271	271	271	271
Keene	3	3	3	3	201	201	508	508	672	672	672	672
Lebanon	4	4	4	4	92	92	123,667	123,667	672	672	672	672
Manchester	7	7	7	7	164	164	153,783	153,783	803	803	803	803
Nashua	1	1	1	1	237	237	107,835	107,835	618	618	618	618
Portsmouth	6	6	6	6	220	220	83,304	83,304	468	468	468	468
New Jersey	6	6	6	6	271	271	78,872	78,872	438	438	438	438
Albany Park	12	12	12	12	196	196	72,881	72,881	388	388	388	388
Bedford	4	4	4	4	212	212	83,700	83,700	450	450	450	450
Belmont	2	2	2	2	270	270	102,451	102,451	547	547	547	547
Essex	7	7	7	7	145	145	49,800	49,800	273	273	273	273
Irvington	0	0	0	0	188	188	61,721	61,721	311	311	311	311
Keans (P. O.)	4	4	4	4	392	392	84,777	84,777	150	150	150	150
Arlington	1	1	1	1	277	277	47,371	47,371	271	271	271	271
Long Branch	4	4	4	4	130	130	508	508	672	672	672	672
Milville	1	1	1	1	419	419	123,667	123,667	672	672	672	672
Montclair	1	1	1	1	214	214	53,783	53,783	303	303	303	303
Morrisstown	1	1	1	1	156	156	107,835	107,835	618	618	618	618
New Brunswick	8	8	8	8	344	344	107,835	107,835	618	618	618	618

\* Statistics of 1915-16.

\* 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.	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.				
<b>New Jersey—Contd.</b>																			
Orange.....	1			7	11	157	157	273	1			1	5	9	121	109	35,538	184	2
Phillipsburg.....				6	9	176	245	65,205											
Fairfield.....				14	28	329	411	112,030											
West New York.....				2	3	43	46	17,444											
West Orange.....				3	8	115	126	29,990											
New Mexico.....								160											
New Albany.....	3			2	12	151	223	51,300											
New York.....																			
Babson.....	1			1	12	172	171	56,072											
Beacon.....	1			1	12	172	171	56,072											
Cobleskill.....	1			0	9	73	100	21,003											
Corning.....																			
District No. 9.....	1			2	11	137	174	47,287											
District No. 13.....				3	10	103	152	36,956											
Cortland.....				3	10	149	215	58,263											
Dunkirk.....				2	13	159	206	60,960											
Fulton.....				6	16	170	235	81,270											
Geneva.....				3	9	153	197	51,134											
Glens Falls.....				3	19	203	254	46,250											
Gloversville.....				2	14	116	157	70,456											
Hornell.....				3	10	116	157	70,456											
Ilion.....				2	14	216	270	76,901											
Rodion.....				3	10	116	157	39,051											
Shackleton.....				8	39	332	436	116,359											
Ticonderoga.....				3	11	150	175	45,296											
Watkinsville.....				3	2	357	392	74,979											
Watsonville.....				8	2	60	91	16,347											
Watsonville.....				1	8	60	91	16,347											
Watsonville.....				1	8	60	91	16,347											
Little Falls.....				1	8	60	91	16,347											
Lockport.....				4	19	252	327	80,259											
Middletown.....				6	19	407	513	61,661											
Newburgh.....				6	19	407	513	61,661											
New Rochelle.....				21	24	300	318	91,219											
New Rochelle.....				21	24	432	458	129,177											





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.	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.	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	20	21	22	23	24	25	26	27	28	29	30			
Alabama:																																
Chickasha.....	1	1	6	8	170	185	46,900	284	1																							
Guthrie.....	1	1	9	10	189	286	72,632	416	2																							
McAlister.....	1	1	10	11	125	158	51,026	320	2																							
McAlister.....	1	1	16	23	325	428	81,026	520	2																							
Shawnee.....	1	1	7	23	287	358	84,575	489	2																							
Tulsa.....	2	2	24	44	468	712	163,428	945	1																							
Oregon:																																
Salem.....	2	2	15	21	186	296	81,700	475	1																							
Pennsylvania:																																
Beaver Falls.....	2	2	3	12	177	214	52,380	291	1																							
Beavertown.....	1	1	6	8	124	194	48,245	268	1																							
Bradford.....	4	4	7	9	149	166	45,237	251	1	2																						
Bradford.....	1	1	8	13	219	352	79,869	444	1																							
Burlington.....	1	1	7	20	261	371	131,635	742	1																							
Carlisle.....	1	1	8	12	255	348	101,650	555	2																							
Carlisle.....	1	1	7	9	179	221	62,700	350	2																							
Carlisle.....	1	1	5	9	187	197	58,311	325	1																							
Carlisle.....	1	1	1	2	86	108	30,460	172	1																							
Carlisle.....	1	1	1	1	10	113	36,270	248	1																							
Carlisle.....	1	1	1	1	11	146	48,020	318	1																							
Carlisle.....	1	1	13	13	335	362	126,020	668	1																							
Carlisle.....	1	1	7	11	200	369	107,738	599	1																							
Carlisle.....	1	1	15	18	226	253	69,300	385	2																							
Carlisle.....	1	1	9	8	251	262	88,512	461	1																							
Carlisle.....	1	1	2	4	80	61	23,270	116	1																							
Carlisle.....	1	1	2	6	119	179	47,340	263	1																							
Carlisle.....	1	1	2	13	140	341	85,117	462	1																							
Carlisle.....	1	1	4	12	171	178	47,899	266	1																							
Carlisle.....	1	1	4	9	121	171	47,160	262	1																							
Carlisle.....	1	1	8	9	138	171	43,020	226	1																							
Carlisle.....	1	1	5	10	254	285	94,411	472	1																							

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

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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	Total
North Braddock (P. O., Braddock)	83	21,780	421																
Phoenixville	6	119	158																
Pittston	7	103	168																
Plymouth	5	69	104																
Poetstown	9	212	228																
Pottsville	6	236	236																
Shamokin	7	230	251																
Sharon	8	204	234																
Somerset	8	204	234																
Stonewall	2	183	193																
Sunderby	9	223	267																
Union	6	147	183																
Warren	11	844	313																
Washington	9	185	126																
Westchester	4	257	165																
Wilkesburg	1	166	268																
Wilkesburg	3	308	896																
Rhode Island																			
Central Falls	1	89	23,613	129															
Cranton (P. O., Cranton)	3	8																	
Fryeburgh (P. O., Fryeburgh)	5	14	270	392															
Newport	1	53	75	23,884	124														
O. Manville	11	21	253	375	97,427	521													
South Carolina																			
Spartanburg	1	10	14	295	460	86,771	335												
Columbia	3	10	121	242	56,610	323													
South Dakota																			
Spearfish	9	162	196	50,550	289														
Sioux Falls	8	32	316	364	75,952	431													
Tennessee																			
Jackson	4	171	296	69,680	398														
Texas																			
Austin	16	898	1,097	254,122	1,452														
Beaumont	2	27	398	679	13,025	749													
Brownsville	1	6	54	1,025	749														
Cleburne	9	18	261	398	91,728	556													
Denslow	1	7	345	81,775	492														
Marshall	2	13	246	398	85,229	358													
Palmetto	7	10	176	294	62,558	497													
Paris	4	19	232	364	87,306	491													
San Angelo	6	6	152	278	49,019	290													
Garland	2	6	226	309	78,815	450													
Temple	1	8	234	349	83,764	470													
Waller	1	6	185	296	68,091	391													
Waco	15	34	619	917	193,225	1,117													
Utah																			
Ogden	1	13	317	384	85,491	483													
Vermont																			
Barr	3	14	280	380	63,550	410													
Burlington	1	8	250	263	72,080	424													
Rutland	2	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.	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		
Virginia:																				
Alexandria.....		1	3	8	122	150	34,209	181	1											
Danville.....			3	14	186	223	82,302	473	2											
Newport News.....			5	15	178	273	65,870	340	1											
Petersburg.....			7	18	221	368	80,820	449	2											
Staunton.....			2	7	72	133	29,340	163	1											
Washington:																				
Aberdeen.....		1	3	42	168	212	53,436	292	2											
Baltimore.....		4	2	18	29	336	157,048	862	1											
Everett.....			1	16	29	481	145,727	810	1											
Walla Walla.....			1	11	22	388	124,136	683	1											
Yakima.....			1	9	27	301	89,815	499	1											
West Virginia:																				
Charleston.....		1	2	13	147	204	50,196	252	1											
Chesapeake.....		2	10	22	307	397	101,873	579	2											
Martinsburg.....			1	3	110	143	32,368	194	1											
Parsons.....		2	12	23	417	497	132,673	733	2											
Wisconsin:																				
Appleton.....			9	19	233	304	89,690	513	1											
Ashland.....		1	7	20	221	319	84,829	467	1											
Beloit.....			7	18	350	456	112,457	635	1											
Eau Claire.....		1	12	18	273	335	95,691	548	1											
Fond du Lac.....			5	20	300	348	107,108	584	1											
Green Bay.....		2	10	30	410	465	140,558	781	2											
Janesville.....			4	15	250	335	91,673	475	1											
Kenosha.....			3	17	288	257	9,077	470	3											
Madison.....			8	499	623	178,828	968	623	2											
Manitowoc.....		1	8	38	469	623	178,828	968	2											
Marquette.....		2	7	11	225	251	81,757	514	1											
Menomonie.....		1	7	11	225	251	81,757	514	1											
Wausau.....		1	14	22	341	442	109,832	560	1											
Wisconsin:			6	21	291	332	86,358	583	1											
Wyoming:																				
Cheyenne.....		1	4	10	134	170	39,711	217	1											

\* Statistics of 1915-16.

\* Estimated.

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

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
San Francisco.....	194	194	194		199	199	194
Colorado:							
Denver.....	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		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		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	188	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.....	168	173	177		39	173	173
Tennessee:							
Memphis.....		179	179				179
Nashville.....		179	179				179
Virginia:							
Richmond.....	181	181	181	181	181	181	181
Washington:							
Seattle.....	183	183	183			226	183
Spokane.....		180	180			180	180
Wisconsin:							
Milwaukee.....	191	191	191		191	191	191

<sup>1</sup> 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	190				190
District No. 20.....	178	178	176				176
Connecticut:							
Hartford.....		180	180				180
Meriden.....		179	180				179
New Britain.....	180	180	180				181
Waterbury.....	180	180	180		170		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	174	(?)			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
Iowa:							
Cedar Rapids.....	186	186	186		186		186
Davenport.....	171	171	171			171	171
Des Moines.....	176	176	176				176
Dubuque.....							
Sioux City.....		180	180	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	178				171
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.....		175	181		181		176
Salem.....	176	172	178				173
Somerville.....	189	186	189		168	161	188
Springfield.....	172	174	176		184		174
Taunton.....		177	172				176

\* Township high school.

\* 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.
Michigan:							
Bay City.....	183	183	183				183
Calumet.....	197	197	197			183	197
Flint.....	178	178	178				178
Jackson.....	195	195	195				195
Kalamazoo.....	176	176	176		176		176
Lansing.....	169	169	169				169
Saginaw.....							
East side.....		175	175				175
West side.....	200	200	200		200		200
Minnesota:							
Duluth.....	183	183	183				183
Missouri:							
Joplin.....	179	179	179		179		179
St. Joseph.....	180	180	180				180
Springfield.....							
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
Hoboken.....	184	184	184				184
Passaic.....	182	182	182		182		182
Perth Amboy.....	181	181	181			181	181
Trenton.....	190	190	190			490	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		187
Jamestown.....	191	191	190		186		190
Mount Vernon.....	183	183	178		183		181
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	196
Altoona.....		177	177			64	176
Bethlehem.....		190	190			190	190
Chester.....		185	185		190		185
Erie.....	200	200	200	200			200
Harrisburg.....		190	190	190			190
Hazleton.....		191	191			191	191
Johnstown.....	180	180	180		40		180
Lancaster.....		197	197				197
McKeesport.....		180	180				180
New Castle.....		180	180				180
Reading.....	198	198	198				198
Willies-Barre.....	190	190	190			198	190
Williamsport.....		185	185				185
York.....		180	180		180		180

No report.

TABLE 87.—The average length of the school term in days, 1917-18—Continued.

## GROUP II.—CITIES OF 33,000 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
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				175
Houston.....	173	173	173			173	173
San Antonio.....	178	178	178				178
Utah:							
Salt Lake City.....		178	178				178
Virginia:							
Norfolk.....							200
Portsmouth.....		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	183		182	182	182
Oshkosh.....	195	195	195		195	195	195
Racine.....	186	186	186		186	186	186
Superior.....							

## 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	174	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
Windham		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:							
Alton		192	192				192
Aurora—							
East side	194	194	194			194	194
West side	184	184	184				184
Bellefonte	197	197					197
Bloomington		(*)	174				(*)
Calro		181	181				181
Canton		(*)	175				(*)
Champaign		179	179				179
Chicago Heights	194	194					194
Cicero		190					190
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
Streator		189					189
Waukegan		185					185
Indiana:							
Anderson		193	193				193
East Chicago	193	180	180				180
Elkhart		180	180				180
Elwood		180	180				180
Gary	192	193	190				193
Hammond	190	180	180				190
Huntington	180	180	180				180
Jeffersonville		180	180				180
Kokomo		180	180				180
La Fayette		180	180				180
Laporte	190	190	190				190
Logansport		178	178		160		178
Marion		185	185				185
Michigan City	200	200	200				200
Mishawaka		180	180				180
Muncie		178	178				178
New Albany		180	180				180
Peru		178	178				178
Richmond		180	180				180
Vincennes	180	180	180			180	180
Iowa:							
Boone		176	176				176
Burlington	183	183	183				183

\* 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
Iowa—Continued.							
Clinton.....		185	185				185
Council Bluffs.....	172	172	172				172
Fort Dodge <sup>2</sup> .....							
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	182				182
Waterloo—							
East side.....		185	185				185
West side.....	175	175	175				175
Kansas:							
Atchison.....	173	173	173				173
Coffeyville.....	175	175	179				177
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 <sup>2</sup> .....							
Monroe.....	180	172	180				177
Shreveport.....	180	180	180				180
Maine:							
Auburn.....	173	173	183				175
Augusta <sup>4</sup> .....							
Bangor <sup>2</sup> .....							
Biddeford.....		177	178				177
Lewiston.....	178	178	178	178			178
Waterville <sup>2</sup> .....							
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
Brookline.....	173	173	173				173
Chicopee.....	188	188	189				188
Clinton.....		178	182				179
Frammingham.....	176	178	178				176
Gardner.....		178	188				176
Gloucester.....		167	174				168
Greenfield.....	169	175	190				177
Leominster.....	176	176	176				176
Marlboro.....		179	190				181
Medford.....		159	180		190		170
Melrose.....		169	175				167
Methuen.....		176	186				177
Milford.....		172	186				174
Newburyport.....		171	178				172
North Adams.....	176	176	182				177
Northampton.....		173	187				175
Peabody.....		160	165				161
Plymouth.....		162	176				164
Riverside.....		165	165				165
Southbridge.....		185	185				185
Wakfield.....		175	178				176
Waltham.....		178	180				179
Watertown.....		178	174				177
Webster.....		177	179				177
Westfield.....		182	186				184

<sup>2</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
Massachusetts—Continued.							
Weymouth		167	171				167
Whitrop		173	176				175
Woburn		171	171				171
Michigan:							
Adrian		188	186				186
Alpena		175	175				175
Ann Arbor	186	188	186				186
Battle Creek	168	168	168				168
Eschschbach						168	168
Holland	182	182	182				182
Ironwood	193	193	193				193
Ishpeming	188	188	188				188
Manistee	196	196	196				196
Marquette	183	183	183			196	196
Menominee							183
Muskegon	195	195	195				195
Pontiac	200	200	200				200
Port Huron		191	186				190
Sault Ste. Marie	190	190	190				190
Traverse City	188	188	188			190	188
Minnesota:							
Mankato	180	180	180			180	180
St. Cloud		180	180				180
Stillwater		177	177				177
Virginia	188	188	187				188
Winona	190	190	190				190
Mississippi:							
Hattiesburg		180	180				180
Jackson							
Meridian							
Natchez							
Vicksburg							
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							
Billings							
Great Falls	181	181	181				181
Helena	181	181	181				181
Missoula		181					181
Nebraska:							
Grand Island	176	176	176				176
Nevada:							
Reno							
New Hampshire:							
Berlin		180	180				180
Concord	178	178	179				178
Dover		168	168			178	168
Keene	170	170	180				173
Leconia							
Nashua	164	164	164				164
Portsmouth	176	175	178				176
New Jersey:							
Asbury Park	180	180	180				180
Bloomfield	183	183	183				183
Bridgeton		186	180			188	186
Garfield	188	187					187
Hackensack	187	187	187				187
Harrison						187	187
Irvington		190	190				190
Kearny (P. O. Arlington)	183	189	186				189
Long Branch	184	184	184				184
Millville		176	176			175	175
Montclair	184	184	184				184
Morristown							
New Brunswick	175	175	175				175
North Bergen						175	175
Orange	193	193	193		193	193	193
Phillipsburg		179	179				179
Plainfield	183	183	184				183

\* 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
New Jersey—Continued.							
Town of Union (P. O. Weehawken) <sup>a</sup> .....							
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	190				192
Glens Falls.....	189	189	189				189
Gloversville.....	192	192	192		192		192
Hornell.....		185	185				185
Hudson.....	191	191	188		193		191
Ithaca.....	196	196	196		196		196
Johnstown.....	191	191	191				191
Kingston.....		185	185				185
Lackawanna.....	189	189	189				189
Little Falls.....	186	186	186				186
Lockport.....	191	191	181				190
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
Ossining.....	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
Rensselaer.....	187	187	187				187
Roseton.....		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
Bellaire.....							172
Cambbridge.....		177	177				177
Chillicothe.....		182	190				183
East Liverpool.....		170	170				170
Elyria.....	183	183	183				183
Findlay.....		175	175				175
Ironton.....		170	170				170
Lakewood.....	184	184	184				184
Laureate.....		180	180				180
Lorain.....	181	181	181				181
Manabald.....							178
Marietta.....		180	180				180
Marion.....		186	186				186

<sup>a</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.	Kinder- garten.	Elemen- tary.	Secund- 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
Norwood.....		183	183				183
Piqua.....		178	178				178
Portsmouth.....		190	190				190
Sandusky.....		183	183				183
Steubenville.....							190
Tiffin.....		178	178				179
Warren.....		190	190				178
Zanesville.....		182	183				190
Oklahoma:							
Chickasha.....		175	175				175
Enid.....							180
Guthrie.....							180
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
Bradford.....		180	180			180	180
Butler.....		180	180				180
Carbondale.....		190	190			180	180
Carlisle.....		190	190				190
Carnegie.....						190	190
Chambersburg.....		180	180				180
Coatesville.....					180	180	180
Columbia.....		180	180				180
Connellsville.....							180
Dubois.....		180	180				180
Dunmore.....							180
Duquesne.....		180	180				180
Easton.....		190	190				190
Farrell.....							180
Greensburg.....		180	180				180
Homestead.....		180	180				180
Lebanon.....		192	192			192	192
McKees Rocks.....		200	200				200
Mahanoy City.....		180	180				180
Meadville.....		180	180				180
Monessen.....		180	180				180
Mount Carmel.....		180	180				180
Nantlooke.....		190	190			180	180
Norristown.....		200	200		190	190	190
North Braddock (P. O., Braddock).....		180	180				200
Oil City.....							180
Old Forge.....							180
Phoenixville.....		187	186				187
Pittston.....		200	200				200
Plymouth.....		180	180				180
Pottstown.....		200	200				180
Shamokin.....		190	190				200
Sharon.....		180	180		180		180
Shenandoah.....		180	180				180
Steelton.....		180	180				180
Sunbury.....		180	180				180
Uniontown.....							180
Warren.....		180	180				180
Washington.....		180	180		180	180	180
West Chester.....		200	200		200		200
Wilksburg.....		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.	Kindergarten.	Elementary.	Secondary.	Normal schools.	Vocational schools.	Special and other schools.	Total average.
1	2	3	4	5	6	7	8
Rhode Island:							
Central Falls.....		180	183				180
Cranston (P. O., Providence)	172	170	180				172
Cumberland (P. O., Manville).....		191	191				191
East Providence.....		187	187				187
Newport.....	145	158	187				162
Warwick.....	161	161					161
South Carolina:							
Columbia.....		162	162				162
Greenville.....							
Spartanburg.....		175	175				175
South Dakota:							
Aberdeen.....	175	175	175				175
Sioux Falls.....	170	178	178				176
Tennessee:							
Jackson.....		180	180				180
Texas:							
Austin.....	175	175	175				175
Beaumont.....		175	175				175
Brownsville.....		167	167				167
Cleburne.....		165	165				165
Danlon.....		176	176				176
Laredo.....							
Marshall.....		175	175				174
Palestine.....		176	176				175
Paris.....		178	178				176
San Angelo.....		169	169				178
Sherman.....		175	175				169
Temple.....		178	178				175
Tyler.....		174	174				178
Waco.....		173	173				174
Utah:							
Ogden.....	177	177	177				173
Vermont:							
Barre.....		155	155				177
Burlington.....	170	170	170				155
Rutland.....		180	180				170
Virginia:							
Alexandria.....		189	189				180
Danville.....		174	174				189
Lynchburg.....							174
Newport News.....		182	182				182
Petersburg.....		180	180				182
Staunton.....		180	180				180
Washington:							
Aberdeen.....		183	183				180
Bellingham.....		178	178				183
Everett.....		180	180				178
Walla Walla.....		179	179			180	180
Yakima.....							179
West Virginia:							
Bluefield.....		178	178				178
Charleston.....		176	176				178
Martinsburg.....							
Parkersburg.....		181	181				176
Wisconsin:							
Appleton.....	175	175	175		200	175	181
Ashland.....	182	182	182				175
Beloit.....	177	177	177		192		182
East Chicle.....	175	175	175		175	175	177
Fond du Lac.....	190	190	190				175
Green Bay.....	180	180	180		180	180	190
Janesville.....	172	172	172		180	180	180
Kenosha.....	195	195	195		196	195	172
Madison.....	181	181	181		193	181	195
Manitowoc.....	183	183	183		183		181
Martinetto.....	185	185	185		180	185	183
Sheboygan.....	196	196	196		196	196	185
Wausau.....	180	180	180		180	180	196
Wyoming:							
Cheyenne.....		183	183				180

\* 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.				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
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	26,538			2						
Colorado:												
Denver.....			5,343		2,884	4	2	7-9	4	33	397	469
Connecticut:												
Bridgeport.....	1	15	( <sup>1</sup> )	( <sup>2</sup> )		3	4	6-8	3	31	619	509
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	118	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	4,695		650	4						
Michigan:												
Detroit.....	1				4,278	19	3	7-9	12	68	1,061	940
Grand Rapids.....	1	3			924	6	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	14,938			1						
Missouri:												
Kansas City.....			971	1,161	1,268	6						
St. Louis.....	12	23	40,701		13,564	18	1	7-9	14	37	781	715
Nebraska:												
Omaha.....	1	13	19,380		2,260	2						
New Jersey:												
Jersey City.....	14	14	24,306	10,520		15						
Newark.....	8	26	69,516	19,245	2,676	17	3	7-9	10	35	662	777
Paterson.....	6	4	3,220			4						
New York:												
Albany.....	1	8	9,627	651	220	3						
Buffalo.....	25	21	47,243			17						
New York.....	100	218	249	116	141,888	173	14	7-9	107	203	4,229	5,252
Rochester.....				7,148	217							
Syracuse.....	12	8	20,078			3						
Ohio:												
Cincinnati.....	15	12	771		5,793	7	1	7-9	14	14	222	210
Cleveland.....	30	32	54,665	7,064	13,978	14	12	7-9	55	252	4,259	4,274
Columbus.....	1	4	12,011		2,363	2	9	7-9	41	139	3,366	3,672
Dayton.....	1	3	6,961	1,366	1,366	2						
Toledo.....	5	5				5						
Oregon:												
Portland.....	4	1				3						
Pennsylvania:												
Philadelphia.....	66	41	200,710	61,393	13,356	53	1	7-9	15	26	653	654
Pittsburgh.....	32	18	60,428			22	3		20	33	802	897
Scranton.....	21	4	7,904			4						

<sup>1</sup> Under department of health.

<sup>2</sup> 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.				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	
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	7,236		2,131	1	3	7-9	4	9	133	64	
Wisconsin:													
Milwaukee.....	12	10	28,008	16,555	3,782	11							

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

Alabama:													
Mobile.....			\$862		\$1,078								
Montgomery.....			675										
California:													
Berkeley.....		1	2,457			1	4	7-9	14	63	953	1,112	
Pasadena.....	2	2	6,160		111	1	1	7-9	6	23	242	208	
Sacramento.....	1		7,612		3,262	1	3	7-9	13	11	244	325	
San Diego.....	1	2	3,417	\$63	206	1							
Colorado:													
Pueblo—													
District No. 1.....		1	980	500		1							
District No. 20.....	1	1				1							
Connecticut:													
Hartford.....			879										
Meriden.....		1	4,135	9,991	1,578								
New Britain.....	3	1	7,832		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.....	1	2	1,315		7,494	1							
Illinois:													
Decatur.....		1	933		47	1	1	7, 8	2	17	352	385	
East St. Louis.....						5							
Joliet.....		3	2,601	44	641	1							
Peoria.....	1	2	2,490	325	25	2							
Quincy.....				318		1	3	7-9	4	20	271	285	
Rockford.....	2	3	6,088		34	1							
Springfield.....	2	2	2,559	331		1	4	7-9	10	60	883	974	
Indiana:													
Evansville.....			3,028										
Fort Wayne.....	3		1,164	3,800		2							
South Bend.....		3	3,031	11,231		2	1	7, 8	19	20	254	348	
Terre Haute.....	4					2							
Iowa:													
Cedar Rapids.....			164										
Davenport.....	1	1	3,747	913	180	1							
Des Moines.....	1	8	818	2,638	2,975	1							
Sioux City.....	1	1	198	11,967	3,529	1	1	7-9	2	21	168	314	
Kansas:													
Kansas City.....	2				969	3	1	7-9	7	20	354	428	
Topeka.....	1	1	3,434			1	3	7-9	8	19	345	437	
Wichita.....	1	1	978	1,815	1,913	1	1	7-9	2	14	160	222	
Kentucky:													
Owington.....	1		818			1	2	7, 8	2	18	286	334	
Lexington.....						2							
Newport.....	2	1	1,066			1	1	7-9	22	23	284	323	

\* Nine of these are city physicians.



TABLE 88.—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.....						1							
Massachusetts:													
Brockton.....	4	3	\$5,477		\$1,590	1	8	8-9		46	200	771	
Chelsea.....	4	1	1,900			1	3	7-9	7	54	784	846	
Everett.....	3	2	1,675			2							
Fitchburg.....	3	2	4,682		4,534	1							
Haverhill.....	3	1	2,200		3,864	1							
Holyoke.....	3	1	4,004		4,443	2	1	7-9	2	11	140	192	
Lawrence.....	3	1	4,320			4							
Lynn.....	3	4			759	2	2	7, 8	6	25	517	625	
Malden.....	3	1	1,766			1							
New Bedford.....	11	4	7,252		1,949	3							
Newton.....	6	4	6,085		2,941	1							
Pittsfield.....	3	2	2,520		6,103	1							
Quincy.....	6	2	4,673	\$777	2,103	1							
Salem.....	1	1	1,672		650	1							
Somerville.....	8	2	4,687			4	3	7-10	11	58	638	936	
Springfield.....	13	4	10,202		2,610	4							
Taunton.....	1	1	2,567		3,064	1							
Michigan:													
Calumet.....					280								
Flint.....		2	459	5,251		1	1	7-10	3	15	176	228	
Jackson.....	1	2	2,869	794	140	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	4,659	4,852	3,006	1	4	7-9	18	63	972	1,067	
Missouri:													
St. Joseph.....	1	3				2							
Springfield.....		1	633			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	198	
New Hampshire:													
Manchester.....	1	6			2,466	2	1	7-9	2	5	97	119	
New Jersey:													
Bayonne.....	2	3	7,774	1,828	15	5							
East Orange.....	2	2	3,232		588	1							
Elizabeth.....	5	4	5,178			2							
Hoboken.....	4	2	10,986	867	2,767	5	1	7, 8	1	3	60	40	
Passaic.....	5		2,425			2							
Perth Amboy.....			1,658										
Trouton.....	10	9	10,326			5	2	7-9	20	61	813	1,131	
West Hoboken.....	3	1	2,173	182		1							
New York:													
Amsterdam.....	1	1	2,537	1,331		1							
Auburn.....	1	1	2,268	200		1							
Binghamton.....	3	3	5,082	3,231	1,554	1							
Elmira.....	3	2	3,506	99	79	1							
Jamestown.....	3	1	2,264	1,550		1							
Mount Vernon.....	3	3	5,628	788	325	2	1	7, 8	1	9	135	174	
Niagara Falls.....	5	2	3,630	500	101	1							
Schenectady.....	6	13	18,251	6,480	22	3							
Troy.....													
Union district.....	2	3	4,842	30		2							
Lansingburgh district.....													
Utica.....	3	3	795										
Yonkers.....	6	2	7,448			3							
North Carolina:													
Charlotte.....	6	2	6,115		3,970	3							

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	\$5,848	1,292		1						
Hamilton.....				475		1						
Springfield.....		1	850	300		1						
Youngstown.....			4,826		\$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
Altoona.....	2		1,200	1,117		2						
Bethlehem.....	1	2	2,280			1	1	7-9	3	8	162	232
Chester.....			834	675								
Erie.....	1	4	7,653	2,381		2						
Harrisburg.....	2	2	3,539			3						
Hazleton.....						1						
Johnstown.....	1	2	5,816			1						
Lancaster.....	2		958	100		2	1	7-9	5	14	196	232
McKeesport.....	14	1	2,457		400	2						
New Castle.....	1		1,135			1						
Reading.....	3	4	5,806			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.....			88	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	2,888			1						
Utah:												
Salt Lake City.....	1	7	1,011			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	49	695	735
Wheeling.....	1	4				1						
Wisconsin:												
La Crosse.....	1	3				1	3	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	870		840		1	7-9	3	3	70	61
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.	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
California:												
Alameda	1		\$1,277	\$3,097	\$600	1						
Bakersfield			51	175								
Eureka					3,377	1						
Fresno	1		1,062		120	1						
Pomona	1		390			1	2	7-10	8	26	386	377
Redlands	1				2,662							
Riverside	1		1,196	61	3,392	1						
San Jose	1		1,800			1						
Santa Cruz			138		1,400							
Stockton	2		2,406	538	1,868	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	47							
Naugatuck	4		400			1						
New London	1	2				1						
Norwalk	1		978		1,350	1	2	7-9	7	36	406	488
Norwich	1		1,386		1,718							
Orange					4,337							
South Manchester			2,910									
Stamford	2					1						
Torrington	1	2	2,516			1						
Wallingford	5		1,250			1						
Windham	1		445		1,942	1						
Georgia:												
Brunswick	2	2					1	7-9	4	5	112	123
Columbus	2	2	1,575									
Home	1											
Waycross			100				1	6,7	0	7	112	139
Idaho:												
Boise			113			2						
Illinois:												
Alton			1,260									
Aurora—												
East side	1		750									
West side	1		359									
Belleville	3		875			1	1	7,8	2	10	243	306
Cairo	2		1,366			1						
Champaign	1		1,068			1						
Chicago Heights	1		490			1						
Cicero	3		1,600			1						
Danville	1		1,055			1						
Elgin	1					1						
Evanston—												
District No. 75	1		3,947	2,478		1						
District No. 76	1		213	50		1						
Freeport			900		25							
Jalesburg			810									
Jacksonville	1					1	1	7,8	1	11	140	125
Kankakee	1					1						
La Salle	2		65			1						
Lincoln			450	150		1						
Mattoon	1		900			1						
Moine	1		1,232			1						
Oak Park	2		1,270	116		1						
Rock Island	1		1,460	105		1						
Streator	1		1,008			1						
Waukegan	1		236			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 physician.	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
<b>Indiana:</b>												
East Chicago	3		\$1,881			1	7-9	3	12		328	293
Elkhart	3					1	6-8	2	15		261	296
Gary	1	2	5,013		\$500	2						
Huntington			410									
Kokomo	1		338			1	7, 8	2	8		331	328
Laporte						1						
Logansport						1						
Michigan City	1		1,500			1	7, 8	5	7		* 193	* 215
Mishawaka	1	1	1,051			1						
Muncie			558									
New Albany				\$52		1						
Peru						1	7, 8	3	7		123	161
Richmond	2					1	7, 8	11	12		290	306
Vincennes	1		100			1	7, 8	6	10		297	321
<b>Iowa:</b>												
Burlington		1	1,329			1						
Clinton			250		202							
Council Bluffs	1	1	2,000		2,268	1						
Iowa City	1	1				1						
Keokuk	1	1				1						
Marshalltown			850			1						
Mason City			862									
Muscatine	1		394			1						
Ottumwa	1	1	968			1						
Waterloo—												
East side	1	1	900			1	7-9	2	9		125	175
West side	1	1				1						
<b>Kansas:</b>												
Coffeyville				175		1						
Fort Boott				136		1						
Hutchinson						1	7-9	3	9		142	212
Lawrence	1		70			1	7, 8	3	11		* 200	* 225
Leavenworth	3		1,726		36	1	7, 8	0	15		229	191
Parsons						1						
Pittsburg						1						
<b>Kentucky:</b>												
Frankfort			175									
Henderson	1	1				1						
Owensboro			18			1						
Paducah						1	7, 8	1	9		129	181
<b>Louisiana:</b>												
Alexandria					450							
Monroe		1	281	65	1,290	1						
Shreveport	1		900	150	540		7, 8	1	15		203	396
<b>Maine:</b>												
Auburn	1	1	350		2,018		8, 9	1	6		75	68
Biddeford					545							
Lewiston					120	1						
Waterville			400	2,700								
<b>Maryland:</b>												
Cumberland						1						
Frederick			1									
Hagerstown						1						
<b>Massachusetts:</b>												
Adams	4	1	1,408		263	1						
Arlington	1	1	2,149	595		1	7, 8	1	15		225	215
Attleboro	3	1	634		3,851	1						
Beverly	1	1	1,174		3,993	1						
Brockline	11	1	2,016		3,180	1						
Chelsea	1	1			3,437	1						
Clinton	1	1	94		1,398	1						
Frammingham	1	1	4,008		4,184	1						
Gardner	1	1	1,216		2,078	1						
Gloucester	1	1	800		3,595	1						
Greenfield	1	1	611		1,008	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	\$422		\$3,052	1	1	7,8	0	8	133	129
Marlboro.....	1	1	571		2,635	1						
Medford.....	1		206			1						
Mulrose.....			490		834							
Methuen.....	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.....	2	1	1,575		2,546	1						
Revere.....	2	1	1,230		57	1	1	7-9	1	37	661	662
Southbridge.....	1	1				1						
Wakefield.....			980									
Watertown.....	3		1,398			1						
Webster.....	1	1	1,068		880	1						
Weymouth.....			275		2,911							
Winthrop.....	1		200		725	1						
Woburn.....	1		300		120	1						
Michigan:												
Adrian.....						1	1	7-9	1	11	188	223
Ann Arbor.....	1	1	3,315	\$1,108		1						
Battle Creek.....		2	1,914			1	1	7,8	1	15	296	259
Holland.....						1	1	7,8	0	10	183	180
Ironwood.....					124	2	1	7,8	2	7	199	195
Ishpeming.....			3	100		1						
Marquette.....	1	1				1						
Muskegon.....	3	1	3,258	2,349	124	1						
Pontiac.....	1	1	2,250	2,821		1						
Port Huron.....			18									
Sault Ste. Marie.....	1	1	10		8	1	1	7,8	1	7	172	185
Traverse City.....	1		600		281	1						
Minnesota:												
Mankato.....		1	800		60	1	1	7-9	1	10	174	258
Virginia.....	1	1	2,477	918	7,176	1						
Winona.....		1	935			1	1	8,9	1	9	156	197
Missouri:												
Hannibal.....							3	7-9	3	19	222	254
Jefferson City.....	1					1						
Sedalia.....			50									
Webb City.....			92	75								
Montana:												
Great Falls.....		1				1	1	7,8	0	17	334	363
Helena.....		1	1,867		455	1						
Missoula.....					540	1						
Nebraska:												
Grand Island.....	1		150			1						
New Hampshire:												
Berlin.....	3		159		1,125	1	1	7,8	0	8	110	120
Concord.....		1	1,175		5,151	2	5	7,8	0	19	184	249
Dover.....	1				2,771	1						
Keene.....	1	1	800		1,918	1	1	7,8	2	9	141	123
Nashua.....	2	1	3,066		967	1	1	8,9	1	10	171	169
Portsmouth.....						1	1	7,8	2	10	152	181
New Jersey:												
Asbury Park.....	2	1				1						
Bloomfield.....	2				880	1	1	7,8	0	8	224	205
Bridgeton.....	1	1	1,020			1	1	8,9	2	11	179	219
Garfield.....	1				1,301	1						
Hackensack.....	4		1,136			1	1	7,8	3	17	208	241
Irvington.....			1,630	103	15							
Kearny (P. O.).....												
Arlington.....	1	3	4,309			1						
Long Branch.....			300									
Milville.....	1		837		5,611							
Montclair.....	3	3	2,624	940	147		1	7-9	7	27	467	563

\*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			\$132	1							
Phillipsburg			757										
Plainfield	2	1	2,954			1							
West New York	2	2	3,244	\$310		1							
West Orange	1	2			3,138	1	2	7-9	1	11	206	236	
New Mexico:													
Albuquerque		1	900	2,150		1							
New York:													
Batavia	1	1	889			1							
Beacon			776	3									
Cohoes	1	1	568			1							
Corning—													
District No. 9	1	1	884			1							
District No. 13			350										
Cortland	1	1	1,489			1							
Dunkirk	1	1	2,740	198		1							
Fulton			875										
Geneva		1	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	390	278		1							
Ithaca	1	2	1,666	829		1	1	7-9	3	28	334	370	
Johnstown			1,347										
Kingston			1,629										
Lackawanna	1	1	812			1							
Little Falls			244										
Lockport	1	1	973	140		1							
Middletown	1	1	1,133	615		1							
Newburgh			1,511	2,360									
New Rochelle			4,070	857									
North Tonawanda	1	1	1,439		1,415	1							
Ogdensburg	1	1	339			1							
Olean	1	1	1,267		201	1							
Ossining	2	1	1,497	111	482	1							
Oswego			886										
Pekskill—													
District No. 7	2	1	1,163			1							
District No. 8	1	1	824			1							
Plattsburg	1		446	35		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	1,259	2									
Winston-Salem	1	4				1							
North Dakota:													
Fargo	1		1,350		41	1	2	7-9	1	14	363	400	
Ohio:													
Allanahoe	1		1,440			1							
Cambridge						1							
Chillicothe			300										
East Liverpool			850		968	1							
Elyria			890			1							
Findlay						1							
Ironton						1							
Lakewood			1,280		84	1							
Lancaster						1							

\* Figures are not estimated.

† Same 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.				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—Continued.												
Lorain.....			\$2,326		\$134							
Marion.....			5			1						
Massillon.....						1						
Newark.....				\$1,120								
Norwood.....	1		342			1						
Piqua.....	1	1	360			1						
Portsmouth.....	1	1				1						
Warren.....	1	1	580			1	3	7-9	8	19	290	205
Oklahoma:												
Muskogee.....	1		1,496			1	2	7-9	5	10	294	465
Shawnee.....		1	436		10	1	1	7-9	1	7	116	162
Oregon:												
Salem.....	1	1	1,000			1	3	7-9	11	17	428	490
Pennsylvania:												
Clear Falls.....			1,516			1						
Braddock.....	5		440			1						
Bradford.....	1	1	728			1						
Butler.....	1			250		1						
Carlisle.....	2		269			5						
Chambersburg.....						1						
Columbia.....			250			1	1	7, 8	3	6	168	181
Dubois.....						1	1	8, 9	1	4	97	105
Duquesne.....						1						
Easton.....	3	1	1,643			1						
Greensburg.....	1					1	1	7, 8	2	6	169	200
Homestead.....	1					1	1	7, 8	0	11	157	175
Lebanon.....	1	1				1						
McKees Rocks.....						1						
Mahanoy City.....						1	1	7, 8	0	9	210	268
Meadville.....	1					1						
Monessen.....	1	1	1,032			1	1	7, 8	1	11	188	190
Nanticoke.....	3		760			1						
Norristown.....	3		900			1						
Phoenixville.....	1		253			1	1	7, 8	0	6	120	135
Pfifstun.....	1					1	1	7-9	2	11	210	231
Plymouth.....						1						
Pottsville.....						1						
Shamokin.....			500			1						
Sharon.....						1						
Shenandoah.....			1,000			1						
Sunbury.....			675			1						
Warren.....			450			1						
West Chester.....	1		568			1						
Wilkinsburg.....				156		1	1	7, 8	1	19	300	320
Rhode Island:												
Central Falls.....	4		719			1						
Cranston (P. O. Providence).....	3		800		212	1						
Cumberland (E. O. Manville).....					814							
Newport.....	4	1	250			1						
Warwick.....	3	2	780		71	1						
South Carolina:												
Columbia.....	3	1	720			1						
Spartanburg.....						1						
South Dakota:												
Aberdeen.....	1	1	1,130			1						
Sioux Falls.....	1	1	191			1						
Tennessee:												
Jackson.....							1	7, 8	0	9	208	196

\* 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		\$834			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	553	648
Vermont:												
Burlington.....	2	1	1,410	189		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		1,322		697	1						
Walla Walla.....	1		470			1	1	7,8	0	6	38	110
West Virginia:												
Bluefield.....	1	1	165			1						
Charleston.....	1	1	992		593	1	3	7,8	2	82	441	447
Parkersburg.....	1		200		900	1	1	7,8	4	17	316	350
Wisconsin:												
Appleton.....			85		116	1						
Beloit.....	1		490			1						
Eau Claire.....	1					1						
Green Bay.....	1					1						
Janesville.....				851		1						
Kenosha.....	1	3	3,200			2	2	7-9	6	26	433	410
Madison.....	1	3	771			2	1	7-9	2	4	62	68
Manitowoc.....			840									
Marinette.....			24			1						
Shaboygan.....			748			1						
Wausau.....	2	2				1						
Wyoming:												
Cheyenne.....	1				558	1						



TABLE 89.—Statistics of evening schools, 1917-18.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.

Cities.	Number of teachers.						Number of pupils.						Expenses of instruction.				
	Elementary, including elementary grades in junior high schools.		Vocational schools.		Normal and special schools.		Total.		Elementary, including elementary grades in junior 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
Alabama:																	
Cullman	11		13	1	18	7	245		234	8	327	160					81,671
Los Angeles	153	115			109	171	10,975	12,424			11,956	11,443	84,575	800,600			125,175
Oakland	32	189			108	102	1,320	10,390			4,988	16,732	10,315	65,924			78,939
San Francisco	41	58		6	49	54	3,344	4,917		95	5,424	2,922	36,955	45,368		(*)	82,343
Colorado:																	
Denver	6	1	44	1	28	23	252	2,322	2,322	36	1,520	1,080	1,593	816,513			12,628
Connecticut:																	
Bridgeport	20	11	9	5	16	29	1,390	285	362	69	1,714	382	7,173	3,365	2,742		6,668
New Haven	45	29	28		50	52	1,367	883	563		1,757	1,026	24,322	18,288			13,280
District of Columbia:																	
Washington	79	89		10	72	115	2,526	5,748		812	4,282	4,508	113,499	113,499		(*)	42,617
Georgia:																	
Atlanta	35				15	20	967				1,484	1,483					6,000
Illinois:																	
Chicago	396	659			443	611	13,079	24,186		21,044	16,221	16,221	113,499	113,499			226,998
Indiana:																	
Indianapolis	33	32	91		69	57	1,083	984	1,174	1,599	1,042	1,042					20,442
Kentucky:																	
Louisville	21		7		12	16	633		133		465	300					5,578
Louisiana:																	
New Orleans	74	31			32	73	2,894	936			2,564	1,198					4,011
Maryland:																	
Baltimore	65	36		4	81	24	2,410	2,241		116	2,373	2,394	8,419	8,927		(*)	17,346

\* Division as to sex estimated.

† Included in column 16 and 18.

‡ State enrollment.

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, 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	
<b>Massachusetts:</b>																			
Boston.....	146	148	32	.....	165	161	4,094	6,104	.....	.....	5,700	6,164	\$43,086	\$45,380	.....	.....	.....	.....	\$86,000
Cambridge.....	44	31	9	.....	23	81	1,339	1,114	.....	.....	1,368	1,261	4,128	2,975	.....	.....	.....	.....	8,663
Fall River.....	79	35	.....	5	25	81	1,573	.....	.....	.....	1,693	1,474	.....	.....	.....	.....	.....	.....	8,904
Lowell.....	39	39	42	.....	53	86	1,450	.....	.....	.....	1,493	1,482	.....	.....	.....	.....	.....	.....	13,718
Worcester.....	66	38	.....	.....	53	50	1,100	1,542	.....	.....	1,750	982	10,117	14,156	.....	.....	.....	.....	24,275
<b>Michigan:</b>																			
Detroit.....	27	319	.....	.....	195	151	925	16,222	.....	.....	10,193	6,655	18,471	104,609	.....	.....	.....	.....	123,080
Grand Rapids.....	.....	.....	.....	.....	66	83	.....	.....	.....	.....	1,433	1,612	.....	.....	.....	.....	.....	.....	20,675
<b>Minnesota:</b>																			
St. Paul.....	12	14	47	4	22	25	432	188	.....	.....	710	1,092	.....	.....	.....	.....	.....	.....	8,572
<b>Missouri:</b>																			
Kansas City.....	20	122	20	.....	97	74	2,140	3,461	438	.....	4,798	1,241	10,274	15,008	.....	.....	.....	.....	25,283
St. Louis.....	99	243	.....	.....	189	153	3,200	12,081	.....	.....	7,661	7,661	13,893	89,821	.....	.....	.....	.....	103,714
<b>Nebraska:</b>																			
Omaha.....	29	48	.....	.....	36	41	714	1,716	.....	.....	1,289	1,144	6,598	11,180	.....	.....	.....	.....	17,778
<b>New Jersey:</b>																			
Newark.....	55	52	8	.....	55	60	1,704	2,523	453	.....	2,770	1,910	7,174	7,358	.....	.....	.....	.....	23,190
Paterson.....	152	177	46	37	223	189	6,078	6,075	1,480	628	8,010	6,161	37,137	46,621	.....	.....	.....	.....	116,690
<b>New York:</b>																			
Albany.....	30	18	32	.....	39	41	1,313	610	.....	.....	1,384	1,528	9,208	.....	.....	.....	.....	.....	14,756
Albany.....	20	18	34	.....	51	41	490	912	1,156	.....	1,359	1,180	3,619	4,882	.....	.....	.....	.....	16,872
Buffalo.....	330	180	44	16	254	316	7,746	5,958	874	242	7,008	7,812	38,583	43,344	.....	.....	.....	.....	134,486
New York.....	1,230	784	282	.....	1,263	1,013	41,048	48,775	13,846	.....	58,779	45,620	280,873	473,703	.....	.....	.....	.....	892,957
Rochester.....	150	10	57	.....	1,46	71	4,592	289	615	.....	5,948	5,18	22,228	5,545	.....	.....	.....	.....	87,750

State	40	16	15	41	799	549	714	634	6,017	2,055	8,972
Ohio:											
Cincinnati	66	145	107	111	2,852	5,122	3,918	4,106	34,060	37,089	85,855
Cleveland	106	172	137	140	6,885	3,524	7,945	2,741	9,380	2,196	73,768
Dayton	4	10	31	28	88	105	1,220	352	9,380	2,196	11,576
Toledo	10	20	20	10	279	618	467	430	9,380	2,196	4,080
Oregon:											
Portland	19	67	55	68	856	3,094	3,330	3,469	5,352	18,461	33,202
Pennsylvania:											
Philadelphia	49	161	120	108	4,374	9,618	176	8,953	21,988	50,223	83,994
Pittsburgh	178	138	170	288	1,968	5,412	5,050	5,167	62,224	35,940	98,173
Scranton	37	30	34	37	1,088	1,251	1,136	1,262	6,012	7,367	14,978
Rhode Island:											
Providence	82	66	62	96	1,821	1,776	352	214	1,580	16,523	27,620
Tennessee:											
Memphis											
Nashville	5		7	3	80		257	158	99	33	41,430
Virginia:											
Richmond	60	24	53	71	2,146	924	1,887	58	3,075	13,794	27,288
Washington:											
Seattle	29	137	114	56	1,167	6,512	430	5,228	2,871	13,707	37,798
Spokane	10	76	42	44	358	3,738	1,572	2,522	1,302	13,707	15,299
Wisconsin:											
Milwaukee	83	63	51	95	2,796	2,173	1,980	2,983	47,659	13,102	60,881

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

State	15	14	11	18	170	649	372	447	44,723	54,052	88,775
California:											
Berkeley	15	14	11	18	170	649	372	447	44,723	54,052	88,775
San Diego	6	44	22	28	219	1,860	713	1,366	1,235	10,732	18,987
San Francisco	13	24	15	22	1,625	1,654	1,116	2,133	10,588	13,083	23,687
San Jose	42	42	22	20	1,972	3,061	1,752	2,209	18,254	18,254	18,254
Colorado:											
Denver											
Fort Collins	5		1	4			103	180			963
Connecticut:											
Hartford	41	20	25	46	650	350	800	200	7,087	7,156	14,843
Meriden	15	18	11	22	226	383	408	213	2,912	3,811	3,495
New Britain	16	13	10	20	1,156	1,156	1,000	418	5,642	5,642	6,723
Waterbury	40	24	22	60	972	312	1,712	716	9,062	9,062	14,704
Delaware:											
Wilmington	3		0	3	65		32	36			4,500
Florida:											
Jacksonville	7		0	7	222		180	62	4,508		4,806
Tampa	4		3	1	54		38	13	810		4,810
Illinois:											
Decatur	8		1	7	87		23	64	638		638
Joliet	4		2	2	64		61	3	260		260

\* Included in preceding column.

† Estimated.

‡ Included in columns 14 and 15.



TABLE 39.—Statistics of evening schools, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities.	Number of teachers.						Number of pupils.						Expenses of instruction.														
	Elementary including elementary grades in junior high schools.		Vocational (high) schools.		Normal and special schools.		Total.		Elementary including elementary grades in junior high schools.		Vocational (high) schools.		Normal and special schools.		Total.		Elementary including elementary grades in junior high schools.		Vocational (high) schools.		Normal and special schools.		Total.				
	Elementary	Total	Elementary	Total	Elementary	Total	Male	Female	Elementary	Total	Elementary	Total	Elementary	Total	Elementary	Total	Elementary	Total	Elementary	Total	Elementary	Total	Elementary	Total			
Illinois—Continued.																											
Peoria.....	9	5	4	189	4	189	87	102	81,098	87	102	81,098	87	102	81,098	87	102	81,098	87	102	81,098	87	102	81,098	87	102	81,098
Quincy.....	10	18	16	400	16	400	682	455	1,362	682	455	1,362	682	455	1,362	682	455	1,362	682	455	1,362	682	455	1,362	682	455	1,362
Springfield.....	11	5	6	158	6	158	60	98	202	60	98	202	60	98	202	60	98	202	60	98	202	60	98	202	60	98	202
Indiana—																											
Eveshamville.....	23	25	15	1,646	15	1,646	300	200	862	300	200	862	300	200	862	300	200	862	300	200	862	300	200	862	300	200	862
Fert Wayne.....	18	14	9	291	9	291	716	1,200	464	716	1,200	464	716	1,200	464	716	1,200	464	716	1,200	464	716	1,200	464	716	1,200	464
South Bend.....	11	18	15	95	15	95	58	208	1,004	58	208	1,004	58	208	1,004	58	208	1,004	58	208	1,004	58	208	1,004	58	208	1,004
Terre Haute.....	6	10	17	174	17	174	435	433	1,876	435	433	1,876	435	433	1,876	435	433	1,876	435	433	1,876	435	433	1,876	435	433	1,876
Utah—																											
Utah Rapids.....	17	11	6	360	6	360	120	240	1,876	120	240	1,876	120	240	1,876	120	240	1,876	120	240	1,876	120	240	1,876	120	240	1,876
Utah Valley.....	40	36	34	963	34	963	744	778	1,876	744	778	1,876	744	778	1,876	744	778	1,876	744	778	1,876	744	778	1,876	744	778	1,876
Utah City.....	12	8	13	360	13	360	182	273	1,876	182	273	1,876	182	273	1,876	182	273	1,876	182	273	1,876	182	273	1,876	182	273	1,876
Kansas—																											
Kansas City.....	35	34	20	1,581	20	1,581	1,161	1,210	1,127	1,161	1,210	1,127	1,161	1,210	1,127	1,161	1,210	1,127	1,161	1,210	1,127	1,161	1,210	1,127	1,161	1,210	1,127
Lawrence.....	11	4	7	201	7	201	158	166	1,087	158	166	1,087	158	166	1,087	158	166	1,087	158	166	1,087	158	166	1,087	158	166	1,087
Wichita.....	6	4	2	324	2	324	186	184	1,087	186	184	1,087	186	184	1,087	186	184	1,087	186	184	1,087	186	184	1,087	186	184	1,087
Massachusetts—																											
Ferndale.....	10	8	16	144	16	144	696	697	1,129	696	697	1,129	696	697	1,129	696	697	1,129	696	697	1,129	696	697	1,129	696	697	1,129
Brockton.....	24	16	47	749	47	749	289	241	1,842	289	241	1,842	289	241	1,842	289	241	1,842	289	241	1,842	289	241	1,842	289	241	1,842
Chelsea.....	24	8	16	530	16	530	583	333	2,277	583	333	2,277	583	333	2,277	583	333	2,277	583	333	2,277	583	333	2,277	583	333	2,277
Beverly.....	9	22	20	300	20	300	401	195	1,087	401	195	1,087	401	195	1,087	401	195	1,087	401	195	1,087	401	195	1,087	401	195	1,087
Richmond.....	44	15	35	513	35	513	338	279	2,580	338	279	2,580	338	279	2,580	338	279	2,580	338	279	2,580	338	279	2,580	338	279	2,580

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Hayesville	12	5	28	262	185	721	256	191	1,961	826	6,060	2,887
Havre	43	32	23	756	678	870	999	1,056	4,133	4,017	14,210	14,097
Lawrence	23	40	27	701	870	980	965	2,685	1,339	3,494	4,903	4,903
Lynn	17	25	27	701	870	980	965	2,685	1,339	3,494	4,903	4,903
Madison	49	12	12	1,182	517	338	740	412	5,497	2,595	5,467	5,467
New Bedford	71	21	21	1,897	427	424	900	7,098	1,357	4,394	9,963	9,963
Newton	10	20	20	828	44	24	371	1,357	1,062	4,394	6,813	6,813
Princeton	3	8	8	333	111	146	397	83	1,508	48	1,548	1,548
Stamford	10	10	10	276	118	146	254	140	1,328	500	3,589	3,589
Stamfordville	7	12	12	276	118	146	254	140	1,328	500	3,589	3,589
Syracuse	20	34	34	469	783	193	845	600	2,914	4,198	7,945	7,945
Trenton	37	31	31	860	1,202	1,205	2,197	1,070	3,986	6,419	20,724	20,724
Union	47	60	60	860	1,202	1,205	2,197	1,070	3,986	6,419	20,724	20,724
Washington	3	22	22	335	25	25	194	186	2,177	140	2,317	2,317
Washburn	10	5	5	242	491	491	137	106	2,500	738	2,500	2,500
Waukegan	14	14	14	476	476	476	267	224	1,797	1,797	1,797	1,797
Waukesha	8	14	14	476	476	476	267	224	1,797	1,797	1,797	1,797
Wauwatosa	10	8	8	253	440	440	346	347	2,548	2,548	2,548	2,548
Wausau	15	16	16	50	525	525	230	345	6,730	6,730	6,730	6,730
Wauwatosa	12	13	13	945	472	472	472	473	6,730	6,730	6,730	6,730
Westfield	6	4	4	140	140	140	76	64	175	738	738	738
Westside	2	2	2	31	31	31	60	35	175	294	294	294
Winona	36	38	38	2,341	916	916	1,301	1,040	11,549	11,549	11,549	11,549
Wisconsin	12	21	21	916	916	916	333	583	3,000	3,000	3,000	3,000
Worcester	28	27	27	354	241	241	308	287	2,907	2,907	2,907	2,907
Wyandotte	34	19	19	734	522	192	907	481	4,134	2,819	8,460	8,460
Wyandotte	18	21	21	444	583	583	657	370	3,477	4,015	7,492	7,492
Wyandotte	4	4	4	199	426	186	252	252	0	3,835	3,835	3,835
Wyandotte	11	5	5	119	627	627	108	11	990	735	5,984	5,984
Wyandotte	46	18	18	1,431	421	421	1,296	789	2,429	2,760	5,984	5,984
Wyandotte	2	12	12	88	421	421	401	255	1,296	735	9,900	9,900
Wyandotte	6	4	4	208	46	46	172	293	335	244	13,420	13,420
Wyandotte	21	8	8	331	322	322	357	126	1,415	658	3,122	3,122
Wyandotte	8	7	7	194	222	222	357	126	1,415	658	3,122	3,122
Wyandotte	14	12	12	194	222	222	357	126	1,415	658	3,122	3,122
Wyandotte	14	9	9	91	277	277	408	232	1,744	972	1,956	1,956
Wyandotte	6	18	18	197	246	246	283	161	927	1,631	3,132	3,132
Wyandotte	13	13	13	189	348	348	383	386	1,264	1,831	3,249	3,249
Wyandotte	14	23	23	470	1,072	1,072	780	782	1,824	1,630	4,913	4,913
Wyandotte	43	43	43	578	1,100	1,100	1,332	728	3,180	3,088	7,968	7,968
Wyandotte	21	14	14	136	208	208	1,730	326	1,087	1,044	3,708	3,708
Wyandotte	37	37	37	502	698	698	623	565	1,207	1,683	5,816	5,816
Wyandotte	15	15	15	431	252	252	641	642	1,718	4,888	2,900	2,900
Wyandotte	17	17	17	431	252	252	641	642	1,718	4,888	2,900	2,900
Wyandotte	6	3	3	287	192	192	192	96	370	10,660	17,266	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 30,000 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	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Ohio: Akron.....	18	3				21	351	74			403	22					\$2,132	
Oklahoma: Oklahoma.....						8	5	548			196	352		\$2,471			2,471	
Texas: Abilene.....	4	2		2	16	3	252	185	106	2-6	257	918	\$3,796	280		(*)	4,067	
Allen.....	6	23			3	13	319	1,225		546	914	5,440					5,440	
Amarillo.....	17	13	35		3	4	130			83	130						7,819	
Cherokee.....	3	12	1		35	30	498	936	758	927	965	2,776	1,411	\$3,345			7,732	
El Paso.....	3	12	1		4	0	70	447	102	131	41	534					2,300	
Fort Worth.....	5	8			4	4	245	332		194	309	1,583					2,300	
Galveston.....	13	7			9	6	265	32		85	181	1,583					2,300	
Houston.....	3	7	4		5	9	75	260	45	138	212	1,170	660	0-40			1,488	
New Castle.....	15	20			25	3	802	436		502	808	2,079	2,013				1,999	
San Antonio.....	4	10			14	3	197	367		302	284	2,467					2,467	
Waco.....	3	5	1		5	74	367	30		118	353						2,467	
Wichita.....	42	27		1	23	37	1,024	539	58	1,068	553	3,136	2,316		\$1,810		7,262	
Wichita Falls.....	33	54	4		11	40	370	318	120	567	301	2,010	1,268	(*)			3,277	
Wichita Falls.....	6		1		2	5	161		20	140	41						1,492	
Wichita Falls.....	18	7			18	7	362	829		529	692	1,924					5,191	
Wichita Falls.....	12	10			7	16	321	564	105	569	623	1,924					4,877	
Wichita Falls.....	13				4	9	614			490	134	2,310					2,310	

90	Houston.....	17	47	3,293	1,589	1,504	12,436	12,436	1,775	1,517	12,436
17	San Antonio.....	13	4	750	485	285	3,814	3,814	1,775	1,517	3,814
10	Utah: Salt Lake City.....	7	3	315	220	05	1,775	1,775	1,775	1,517	1,775
7	Virginia: Portsmouth +.....	6	6	387	139	37	765	765	155	1,517	765
8	.....	7	6	376	441	166	.....	.....	.....	1,517	3,460
10	West Virginia: Huntington.....	27	27	373	2,649	841	1,538	1,538	.....	8,334	1,538
	Wheeling.....	7	5	.....	177	731	.....	.....	1,230	1,850	1,230
	Wisconsin: La Crosse.....	17	14	.....	.....	1,467	.....	.....	4,715	1,850	4,715
	Oshkosh.....	12	12	.....	.....	428	.....	.....	2,408	2,408	2,408
	Racine.....	25	16	.....	.....	1,234	.....	.....	4,900	4,900	4,900

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

1	Arizona: Phoenix.....	1	0	32	32	0	850	850	0	850	850
1	California: Alameda.....	9	13	152	1,109	541	610	610	85,884	2,340	6,474
	.....	3	1	210	1,318	45	165	165	3,240	2,340	2,340
2	.....	16	8	89	1,633	663	744	744	558	7,296	7,296
	.....	10	20	.....	480	196	234	234	1,705	1,705	1,705
	.....	14	4	.....	124	98	177	177	.....	.....	.....
2	.....	4	4	50	1,599	228	408	408	328	2,822	2,822
	.....	12	17	.....	150	551	1,048	1,048	9,901	9,901	9,901
3	.....	8	17	63	2,012	738	1,397	1,397	8,813	9,567	9,567
	.....	23	19	.....	135	35	100	100	675	675	675
	.....	2	3	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	0	1	62	.....	62	0	0	280	280	280
6	.....	1	5	169	.....	73	94	94	1,060	1,060	1,060
2	.....	1	1	44	.....	36	6	6	354	354	354
2	.....	1	1	66	.....	18	16	16	188	188	188
4	.....	2	3	247	.....	169	78	78	1,118	1,118	1,118
4	.....	2	5	73	.....	149	105	105	.....	.....	.....
10	.....	8	5	181	.....	64	81	81	1,418	1,418	1,418
6	.....	4	11	67	.....	130	29	29	590	590	590
12	.....	1	5	180	.....	467	225	225	4,014	4,014	4,014
12	.....	14	7	374	.....	112	12	12	711	711	711
6	.....	4	4	24	.....	97	123	123	1,670	1,670	1,670
11	.....	6	3	220	.....	79	63	63	786	786	786
5	.....	2	3	142	.....	155	215	215	3,150	3,150	3,150
6	.....	2	0	237	.....	126	0	0	219	219	219
	.....	6	6	.....	.....	.....	.....	.....	503	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 30,000 POPULATION—Continued.

City.	Number of teachers.					Number of pupils.					Expense 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.	Male.	Female.	Elementary grades in junior high schools.	Secondary (high) schools.	Vocational schools.	Normal and special schools.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Illinois—																	
Aurora	1				0	1	20					7	309				608
East St. Louis					2	1	108			56	13	35				\$130	130
East St. Louis (Dist. No. 70)	3				0	0	73				20	48	0				30
Elmhurst					0	3					48	23	321				321
LaSalle					1	0					103	0				451	451
Oak Park	2				2	0	24				0	15	212				212
Rock Island		11			2	0	168				0	66		\$1,207			1,207
Shelburne	6				1	5	57				40	17	238				238
Indianapolis—																	
East Chicago	16	3			5	14	396	40		293	153	170	514	608			1,116
Mishawaka			4		4	5	38		100	38	170						535
Marion	104	20			55	68	5,113	344		3,393	2,084	1,054					18,494
Terre Haute	8				3	5	157				66	25	335	591			591
Lafayette	5				1	4	90				65	102					335
Logansport	1				3	4	13		154	65	102	146					667
Muncie					12	15	60		553	407	146		720	\$2,132			2,132
New Albany	4				1	3				41	19			881			881
Peru		11			1	4				45	30						1,845
Vincennes			19		16	11		75		375	176			2,919			2,919
Lowell—																	
Burlington		8			5	3		165		78	87			340			340
Clinton		5			3	2		218		76	142			768			768





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			
1																				
Michigan—Continued.																				
Fort Huron.....	11	8				5	6				60	38								\$657
Fort St. Vrain.....						5	3				94	39								654
Minnesota																				
Manitowish.....						4	1				43	5								60
Virginia						4	0				124	11								4,577
Washington						4	2				183	84								1,500
New Hampshire																				
New Hampshire																				
Basin.....	4	7				3	8				175	50								1,532
Concord.....	2	4				1	1				44	0								243
Dover.....	4	4				2	2				40	20								337
Nashua.....	10	5				5	10				235	138								1,990
New Jersey																				
New Jersey																				
Portsmouth.....	4					1	3				20	0								227
New Jersey																				
Bloomfield.....	2	10	3			12	3				24	24								3,685
Bridgeton.....	1	1				2	0				22	15								200
Garfield.....	1	1				1	0				15	23								100
Hackensack.....	2	4	1			5	5				26	0								655
Irvington.....	2	4	1			1	1				25	18								317
Millburn (P. O., Arlington).....	1	1				0	1				12	20								2,710
Montclair.....	1	3				1	4				14	9								74
New Brunswick																				
New Brunswick																				
Orange.....	2	3	4	5		10	17				348	100								3,285
New Mexico																				
New Mexico																				
Albuquerque.....	6	6	2	2		7	9				206	187								607
New York																				
New York																				
Batavia.....	3	3				4	2				107	138								334
Cohoes.....	16					6	10				165	130								1,130
Dunkirk.....	2	3	14			6	4				35	20								494
Dunkirk.....	2	3				6	13				38	60								100
Dunkirk.....																				894



TABLE 89.—Statistics of evening schools, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION—Continued.

City.	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.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
South Dakota:																	
Aberdeen						7											1,842
Verdeburg																	
Verdeburg						2	7	129	27		38	91					1,000
Newport News.	7				7	0	272			272	0		\$500				1,500
Spartanburg	4				1	3	51			13	18	344					450
Washington																	
Washington	3	15			18	6	57	356		40	184	0				\$304	1,882
Washington	2	5			7	2	81	117		31	137	0					304
Wash. Falls.																	
West Virginia	4				4	3	44			36	8	180					180
Wheat Ridge	7				7	5	92			42	50	515					515
Wheat Ridge						9	11		685	230	455						2,875
Wheat Ridge																	
Wheat Ridge						10	8		629	300	329				2,363		2,363
Wheat Ridge						15	11		528	294	234				1,821		1,821
Wheat Ridge						9	7		231	48	183				1,924		1,924
Wheat Ridge						38	12		804	432	372				3,485		3,485
Wheat Ridge						11	13		591	144	447				2,196		2,196
Wheat Ridge						22	14		782	208	574				2,127		2,127
Wheat Ridge						12	11		763	243	520				4,849		4,849
Wheat Ridge						12	13		428	103	531				1,914		1,914
Wheat Ridge						20	16		1,146	544	602				2,392		2,392
Wheat Ridge						0	0		1,538	223	315				1,684		1,684
Wheat Ridge						2	5		170	70	100				1,363		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 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.
1	2	3	4	5	6	7	8	9	10	11
Alabama:										
Birmingham			\$453,647		\$145,759				\$73,512	\$672,918
California:										
Los Angeles		\$922,754	1,419,919	\$39,655	\$3,229,162				65,040	5,671,580
Oakland		377,741	635,009	139,953	90,855				15,715	1,887,132
San Francisco		736,371			2,149,239				160,764	3,185,427
Colorado:										
Denver		127,658	646,911			1,255,090		\$737	41,907	2,074,066
Connecticut:										
Bridgport					835,552				1,135	836,687
New Haven		(*)			1,260,685				45,343	1,322,304
District of Columbia:					7,000	64,134			440	74,174
Florida:										
Washington		2,049,657			2,049,657				100,584	4,199,896
Georgia:										
Atlanta	923	128,275			792,314					921,512
Illinois:										
Chicago		1,496,968							1,456,315	22,022,964
Indiana:										
Indianapolis		335,346	8,386			1,763,569			145,579	2,252,883
Iowa:										
Cedarville		294,067				838,837		3,937	34,333	1,163,657
Louisiana:										
New Orleans	2,463	285,262	1,142,673		1,866	1,285,002			22,325	2,741,378
Maryland:										
Baltimore		83,610				2,384,166			4,266	2,472,042
Massachusetts:										
Boston		121,909			8,348,671	153,024		18,612	29,798	8,674,014
Cambridge					770,294	595,300			14,635	790,763
Fall River	5,814								11,454	66,764
Lowell					566,904					566,904
Michigan:										
Grand Rapids		230			1,141,481				12,063	1,153,776
Minnesota:										
St. Paul		1,085,366			3,745,278		1,953,159	8,192	294,430	7,086,405
Wisconsin:										
Madison		233,733			1,002,140		139,285	6,022	50,756	1,431,833

\* 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.
1	2	3	4	5	6	7	8	9	10	11
Illinois:										
St. Paul		174,185	\$119,194		\$1,150,806	\$2,739,944	\$771,844	\$747	\$75,722	\$3,970,514
Missouri:										
St. Louis		299,325				2,549,780	30,063	1,575	104,001	2,965,654
St. Louis		408,751				4,607,991	452,650	6,410	200,323	5,676,134
Michigan:										
Detroit		69,347				1,304,965		801	171,931	1,447,074
New Jersey:										
Jersey City		1,045,860				899,383	18,970		13,927	1,978,210
Newark		1,672,841				2,031,311		1,820	41,240	3,746,082
Paterson		412,255				349,244	11,975		24,198	797,887
New York:										
Albany		55,372				305,074			433	360,879
Buffalo		283,462				3,131,284	554,070		157,536	4,086,364
New York		2,322,432				47,637,497	600,000	23,468	4,571	51,141,885
Rochester		167,344				1,907,497			4,571	2,480,805
Syracuse		67,344				905,644		80	23,238	996,306
Ohio:										
Cincinnati	812,945	204,477				3,396,977	392,504	1,500	167,405	3,965,798
Cleveland		441,559				6,498,666	1,765,000	83,817	196,082	9,053,681
Columbus	2,310	88,077		87,537	71,220	1,258,302		50,000	12,149	1,427,545
Dayton	4,390	65,774		16,713		739,321		12,000	81,198	902,893
Toledo		46,875				1,041,847	521,869	14,258	72,694	1,700,383
Oregon:										
Portland		90,064	339,016	3,129		1,915,787		639	46,236	2,396,861
Pennsylvania:										
Philadelphia		463,427				8,784,496		6,287	53,361	9,307,574
Pittsburgh		361,787				4,752,789		280,905	335,302	5,730,683
Scranton		102,146				1,000,626			13,425	1,116,201
Rhode Island:										
Providence	3,842	36,988			1,500,091	41,219	46,004		21,613	1,745,757
Tennessee:										
Memphis		(1)	267,930			506,430			23,774	818,124
Nashville		62,000	240,500			110,411		119	9,832	422,852

	2,674	107,837	508,621	8,563	822,455	\$179,843	\$10,220		17,465	930,381
Virginia: Richmond			546,507			1,534,697	722,000		87,001	3,433,431
Washington: Seattle	300	233,619	400,753			736,272	160,000	5,712	30,962	1,434,074
Wisconsin: Milwaukee		444,104			1,990,000		800,000		74,304	3,709,341
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.										
Alabama: Mobile	\$160	\$35,199			\$57,500	128,448			\$1,560	\$226,782
Montgomery		27,355				51,325			6,801	142,961
Arkansas: Little Rock	338								7,584	436,370
California: Berkeley		105,063	\$183,207		251,336				5,298	546,924
Pasadena		90,822	158,544			480,451			34,816	764,653
San Francisco		114,113	226,479			314,010			171,392	836,034
San Diego		114,500	309,135			204,529			27,776	636,240
Colorado: Pueblo (District No. 6)		31,601				150,815			11,788	224,201
Connecticut: Hartford		17,519	65,270		323,927	618,396	311,309		340,187	1,626,997
Meriden		32,130			359,940	242,239			1,767	251,525
New Britain	2,415	63,005				604,919		\$1,389	4,544	394,485
Waterbury	772									676,629
Delaware: Wilmington		30,987				411,168				411,168
District of Columbia: Washington		31,203				376,562	35,000		2,937	415,602
Florida: Jacksonville		63,712				335,517	68,614		1,984	440,413
Georgia: Augusta	308	67,783				180,153			28,178	374,073
Macon		71,373				119,844			14,339	245,980
Savannah				\$15,938		228,641		1,790	11,418	311,632
Illinois: Decatur		22,979				315,712		\$14,801	55,156	408,741
East St. Louis		46,677				415,156	135,670		2,416	560,918
Peoria		37,225				575,439		106	425	407,613
Quincy		21,935	3,054			272,153	54,537		15,184	562,879
Springfield		28,157				488,308	636,500		18,184	1,179,537
Springfield		89,438				539,863		3,615	13,330	1,162,785
Illinois: Evanston		105,975	18,135	429		391,788	31,000		15,378	567,705
North Chicago	655	98,713		6,810		432,620			6,374	548,434
Northbrook		97,215			6,351	590,277	199,170		12,644	815,637
Northbrook		87,683				396,919			48,311	532,913

\* 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.

City.	Receipts										
	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.	
Iowa											
Cedar Rapids.....		819,142				\$467,952	\$28,477		\$6,281	\$520,852	
Des Moines.....		25,465				415,577		\$2,783	20,206	473,041	
Dubuque.....	537				81,200	1,207,870		81,610	19,385	1,280,102	
Sioux City.....		28,812				200,144			200,144	200,144	
Keosauqua.....						613,953			6,849	647,594	
Kansas											
City											
Topeka.....		12,999				781,113			9,572	770,885	
Wichita.....		18,374				403,189		400	12,720	423,398	
Kentucky											
Covington.....		82,213				138,554	414,985		5,202	641,084	
Washington.....		40,987				136,407	191,500		7,272	365,168	
Newport.....		32,816							3,145	103,458	
Massachusetts											
City											
North Andover.....		167,186			67,497	26,681				193,867	
Shelton.....						488,937			1,308	488,937	
Clinton.....						239,550			486	240,838	
Franklin.....						269,794				270,190	
Harvard.....						251,423				251,423	
Everett.....						284,717		11,500	3,408	299,625	
Essex.....	1,035	13,008	81,441		395,107	491,701			397	411,076	
Leverett.....						49,701			80,584	130,285	
Lynn.....		99			4,598	49,701			6,497	64,495	
Malden.....					31,592	399,467			6,497	417,546	
New Bedford.....			3,560		603,575	381	3,800			614,313	
Newton.....					501,476	270,465			3,755	505,078	
Fittonfield.....						2,575				274,220	
Quincy.....		150			266,900	2,575				269,475	
Salem.....					265,501				1,150	266,651	
Southwick.....						532,752			39,120	571,872	
Ware.....	1,048	9,215			1,080,627	315,176	109,000		7,692	1,496,544	
Wareham.....										1,426,868	



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Albany	96,500	1,832	260,750	21,536	357,250
Albany	85,905	1,832	209,057	23,225	288,000
Albany	80,475	1,344	348,942	11,419	898,000
Albany	85,640	1,344	303,038	7,948	569,801
Albany	70,466	2,008	384,415	6,000	428,470
Albany	67,798	425	89,654	14,306	481,100
Albany	64,987	3,473	845,563	14,952	234,767
Albany	49,944	7,255	105,120	7,256	146,312
Albany	55,975	7,835	435,705	33,153	1,170,829
Albany	30,306	7,835	291,336	12,324	299,680
Albany	40,719	665,454	665,454	8,029	995,428
Albany	19,278	491,719	491,719	1,120	595,801
Albany	321,315	283,000	283,000	2,223	300,604
Albany	13,052	352,423	352,423	16,431	563,636
Albany	5,361	339,148	339,148	4,025	882,303
Albany	195,082	381,000	381,000	4,913	606,309
Albany	325,243	1,513	431,553	6,991	494,467
Albany	218,883	154,855	154,855	3,770	431,447
Albany	53,923	301,998	301,998	75,330	1,571,830
Albany	272,722	246,019	246,019	1,853	447,322
Albany	285,325	377,000	377,000	15,803	245,209
Albany	199,478	191,160	191,160	15,803	245,209
Albany	100,134	81,885	81,885	5,599	273,191
Albany	360,361	148,991	148,991	3,342	244,403
Albany	185,067	188,946	188,946	11,256	242,150
Albany	16,070	336,703	336,703	5,444	536,050
Albany	19,537	229,635	229,635	12,059	277,877
Albany	32,409	294,366	294,366	11,901	339,444
Albany	21,869	292,957	292,957	5,849	336,257
Albany	21,869	274,107	274,107	2,363	302,205
Albany	25,733	716,534	716,534	4,133	945,202
Albany	56,216	6,000	199,057	3,588	381,891
Albany	31,902	74,107	74,107	1,906	81,106
Albany	10,063	500,850	500,850	2,622	571,058
Albany	43,185	1,016,927	1,016,927	7,023	1,200,693
Albany	65,694	26,733	26,733	96	240,573
Albany	54,242	82,673	82,673	3,638	240,573

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 20,000 TO 100,000 POPULATION—Continued.

Cities.	From the United States for vocational education.	From the State.	From the county.	From other city divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.
	3	8	4	5	6	7	8	9	10	11
Ohio:										
Alton.....		828,679				898,313	\$787,610		\$171,724	\$1,966,326
Canton.....		1,550				512,514	432,521		46,115	1,012,700
Hamilton.....	770	16,061				211,510			6,095	1,214,858
Springfield.....	804	26,620		8,729		321,051			45,060	383,535
Youngstown.....		23,644				563,890	201,412		27,443	846,389
Oklahoma:										
Oklahoma.....	600	50,325	\$32,963			638,723			15,732	738,543
Pennsylvania:										
Allentown.....		44,647	2,897			509,657	98,000		40,122	704,623
Altoona.....		44,929				307,208	150,254	\$950	79,968	583,309
Bethlehem.....		25,126				187,226	233,733	675	31,746	498,706
Chesler.....		33,960		8,729		230,283	340,464			613,810
Elphinstown.....	1,654	51,528				565,056	706,633	165,000		1,524,885
Harrisburg.....		46,323				325,138	671,000		27,292	1,239,753
Johnstown.....	5,000	38,485				447,174	400,000		54,867	1,229,529
Lancaster.....	6,843	34,981				447,174	35,200	10,310	9,681	292,791
McKeesport.....		32,117				212,919			20,852	361,190
New Castle.....	701	27,534				276,451			12,864	337,750
Reading.....		71,300			81,000	406,515	55,000		258,656	704,226
Wilkes-Barre.....	1,983	49,341				542,074			7,120	596,633
Williamsport.....		23,547				201,169			9,460	234,176
York.....		38,443				187,694		3,050	9,833	240,020
Rhode Island:										
Providence.....		13,520			418,780	9,133			3,274	444,637
South Carolina:		10,868			171,164	8,264			4,979	193,746
Charleston.....		400	500	1,000	1,000	151,664		441		154,564
Tennessee:										
Chattanooga.....			176,585		180,000					180,000
Knoxville.....				1,000	118,471	177,144			1,811	474,011
Dallas.....		197,557				326,045	60,000	804	96,385	850,801
El Paso.....	314	301,872	4,019		225,009				10,732	371,566

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.									
	1915-16	1916-17	1917-18	1915-16	1916-17	1917-18	1915-16	1916-17	1917-18	1915-16
Fort Worth	118,113	543	322,477	400,000	369	27,272	848,784			
Dallas	68,733	1,721	178,022			10,419	175,885			
Houston	201,445	3,178	418,302			24,473	622,499			
San Antonio	210,675		491,583				780,236			
St. Louis	347,808		1,037,241		11,029	6,650	1,432,328			
Portland	48,983					1,852	347,468			
Portland, Me.	34,231					477	378,714			
Rosario	26,864					63	180,777			
Washington	199,369	300,000	144,421			3,413				
Tacoma	49,900		465,629			13,151	878,158			
West Virginia	49,900		270,645			4,674	388,414			
Huntington	55,396		260,324			34,860	352,324			
Wisconsin										
La Crosse	34,942	27,765	162,657			10,119	235,782			
Duluth	30,061	28,662	130,249			6,831	195,873			
Racine	51,834	37,010	100,000			12,619	423,945			
Superior	52,000	42,633	10,336,020				432,673			
Alabama										
Anniston		\$32,000								
Decatur		70,847								
Greenville		10,500								
Shelby										
Arizona										
Phoenix		105,357								
Tucson		99,370								
Arkansas										
Fort Smith		18,264								
Hot Springs		17,000								
North Little Rock		15,650								
Pine Bluff										
California										
Alameda		58,900								
Bakersfield		38,219								
Fresno		31,480								
Long Beach		106,378								
Pomona		81,412								
Redlands		34,765								
Riverside		5,407								
San Jose		115,870								
San Francisco		172,541								
San Diego		25,001								

\* Statistics of 1915-16. † In-luded in column 4. ‡ Statistics of 1916-17. § 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 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.	
California—Continued.											
Stockton.....		74,136	813,880			179,075			83,065	1,076,166	
Vallejo.....		3,275				98,560				101,835	
Colorado											
Colorado Springs <sup>18</sup> .....		17,900	75,892			208,253			20,153	322,198	
District No. 1.....		17,524				30,168			284	32,976	
Trinidad.....		( <sup>1</sup> )	21,468			104,631			4,174	132,293	
Connecticut											
Bridgeport.....		10,642				310,453				321,095	
Danbury.....		8,446				45,714			909	54,069	
Greenwich.....		11,678				100,635			1,349	112,022	
Manchester.....		11,522				228,189				239,711	
Middletown.....		6,883				30,285			72,344	109,512	
Naugatuck.....		6,080				21,126			6,463	33,675	
New London.....		12,753				19,780	\$22,000	\$445	4,917	54,875	
Norwalk.....		14,229				528			4,455	15,212	
Norwich.....		14,180				131,150			1,430	146,760	
South Manchester.....		7,046				24,111			1,430	32,617	
Stamford.....		20,868				69,049			7,992	97,917	
Torrington.....		1,255				297,939			124,880	424,074	
Wallingford.....		7,255				153,549	89,974		13,247	264,025	
Waterbury.....		6,820				71,206			13,247	81,273	
Connecticut—Continued.											
Atlanta.....		12,328				44,406			3,201	59,955	
Baltimore.....		15,109				57,004			570	72,683	
Birmingham.....		1,830				34,517			29	36,376	
Columbus.....		18,914				74,054			2,983	95,951	
Evansville.....		11,577				25,000			2,983	39,560	
Weymouth.....		11,918				28,800			5,452	46,170	
Illinois											
Alton.....		36,674	101,540			283,050	903		43,189	465,308	
East side.....		14,572				133,911			32,767	181,250	
West side.....		19,823				154,114		300	5,057	177,294	
West side.....		3,300				95,030			50,000	148,330	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	Enrollment	Teachers	Salaries	Operating Expenses	Capital Expenses	Other	Total
Baltimore	8,688	1,057	87,758	225,429	1,057	3,622	98,046
Birmingham	118	11	91,040	14,422	11	705	253,169
Butte	7,045	70	15,281	17,770	70	684	99,789
Camden	11,915	220	212,000	251,023	220	9,814	146,105
Chicago Heights	7,015		212,846	251,023		75,000	271,208
Chicago	4,483		79,461	116,872		223,753	223,753
Cincinnati	4,226		177,535	177,535		4,491	267,459
Dayton	8,520		84,392	84,392		3,000	223,081
Des Moines	8,962		86,077	86,077		6,861	271,888
Detroit	9,306		48,020	48,020		7,352	185,512
Evansville	11,644		107,049	107,049		8,848	93,570
Indianapolis	15,978		200,517	200,517		1,407	105,290
Jefferson	35,097		229,517	229,517		2,706	75,470
Los Angeles	11,721		218,253	218,253		38,850	115,859
Madison	8,518		84,908	84,908		1,981	330,230
Memphis	116,633		5,128	5,128		12,902	246,498
Minneapolis	32,469		253,494	253,494		13,624	128,124
Missouri	9,058		90,436	90,436		13,940	157,960
New York	142,650		55,405	55,405		2,609	292,426
Philadelphia	16,550		483,013	483,013		5,864	276,173
Pittsburgh	46,026		103,375	103,375		4,917	76,672
Portland	12,486		66,581	66,581		3,815	296,500
San Francisco	26,611		35,357	35,357		4,070	157,557
Seattle	25,038		6,538	6,538		9,912	57,765
St. Louis	23,730		106,943	106,943		9,284	193,128
St. Paul	15,843		185,347	185,347		2,138	139,568
St. Petersburg	23,730		41,070	41,070		36,720	158,000
St. Vincent	28,305		31,616	31,616		9,775	154,258
St. Yvette	48,563		41,070	41,070		4,473	218,125
Springfield	21,957		135,901	135,901		2,610	159,080
Union City	26,563		21,471	21,471		6,168	102,494
Wichita	33,549		67,363	67,363		2,967	230,770
Winnipeg	13,568		180,212	180,212		56,165	104,653
Yonkers	27,583		94,966	94,966		16,306	81,079
Albany	27,583		77,354	77,354		204,111	204,111
Albany	27,583		12,457	12,457		17,000	147,200
Albany	27,583		11,504	11,504		3,769	86,814
Albany	27,583		26,877	26,877		5,362	373,887
Albany	27,583		750	750		10,408	149,833
Albany	27,583		4,941	4,941		8,232	294,165
Albany	27,583		12,457	12,457		5,222	271,846

\* Not including district No. 1.

\* Included in column 4.

\* 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 cities or divisions.	Appropriations from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.	
<i>Iowa</i> —Continued.											
Escalante		8760				\$113,041		5154	\$2,160	\$117,014	
Marshalltown		750				143,697			8,831	152,528	
Mason City		10,507				286,534	\$215,250	367	8,603	461,281	
Musselwhite		7,835	\$99,276				18,000		7,568	114,479	
Ottumwa		8,000				169,299			6,203	201,511	
Waterloo		10,564				127,695	18,000	615	2,422	196,296	
West side						94,930			5,990	100,920	
<i>Kansas</i>											
Atchison		3,704				68,248			1,391	73,343	
Coffeyville		4,681				109,877			20,962	135,520	
Fort Scott						87,519	91,000		2,338	180,857	
Hirshman		5,813				177,629			6,245	183,877	
Independence		1,910				12,360			1,433	15,703	
Lawrence		3,725				123,552			3,363	130,660	
Lawrence		5,467				131,086	25,000		2,325	164,881	
Pittsburg		4,457				163,363			1,122	173,342	
Pittsburg		6,457								111,025	
<i>Kentucky</i>											
Frankfort		11,551				28,962			11,277	51,524	
Henderson		18,689				42,422			4,249	65,410	
Owensboro		23,690				43,517			6,196	73,352	
Paducah		33,070				53,960	1,700	117	1,751	90,607	
<i>Louisiana</i>											
Alexandria		9,000	12,300			35,350				57,100	
Monroe		4,000	7,000			1,050				46,956	
Shreveport		29,067	69,018			41,520	87,358			230,293	
<i>Maine</i>											
Bangor		679							1,455	78,627	
Biddeford		38,412							377	66,380	
Lewiston		73,809								141,800	
Waterville		25,000		1,157						65,000	
<i>Maryland</i>											
Cumberland			88,685							88,685	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Frederick	4,800				58,130	56,130
Hagerstown					77,687	82,487
Massachusetts:						
Adams					64,156	64,156
Arlington	683				143,845	156,720
Ashboro					120,200	120,700
Beverly	3,074				4,151	200,085
Brookline	3,800				16,537	360,052
Chapin					177,102	177,102
Clinton					75,404	77,967
Frammingham					117,879	120,864
Gloucester					84,500	140,500
Greenfield					141,573	320,793
Haverhill	137				1,712	1,712
Medford	217				1,428	1,428
Medford	885				1,428	1,428
Methuen	1,284				87,976	230,344
Milford	2,072				217,059	3,300
Milford	655		626		128,970	3,300
Newburyport					87,175	92,211
North Adams					70,000	800
Northampton	142				113,771	5,502
Northampton	555		1,143		128,401	1,806
Peabody					125,810	1,019
Plymouth					219,999	402
Riverside					45,247	229
Southbridge	76				176,896	45,999
Warefield					89,007	100,671
Wareham					114,532	177,644
Weston					74,770	174,770
Westfield					115,841	127,271
Weymouth	225				89,000	89,000
Weymouth					96,017	86,000
Woburn					97,790	96,715
Michigan:						
Adrian	1,138				1,781	100,709
Alpena	17,791				64,107	88,591
Ann Arbor	24,408				31,078	78,148
Battle Creek	20,328				146,585	197,341
Eastland	34,870		894		285,376	360,519
Eastland	23,875				47,881	80,678
Eastland	32,543				55,000	78,875
Eastland	25,511			910	146,073	212,536
Eastland	25,473			551	24,563	4,144
Eastland	25,471			551	73,182	1,875
Eastland	24,561			404	72,598	2,300
Eastland	55,914			437	181,297	471,863
Eastland	34,199			4,162	187,452	371,786
Eastland	46,800				96,892	228,674
Eastland					96,892	473,624

\* 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.	Appropriation from city treasury.	General property taxes.	Loans and bond sales.	Sales of property.	All other receipts.	Total receipts.	
Michigan—Continued.											
Sault Ste. Marie.....		228,119	21,248			\$124,837			\$4,506	\$157,503	
Traverse City.....		17,390	26,349			60,783		\$42	1,969	86,000	
Wisconsin:											
Madison.....		4,811	26,349			76,622		200	1,486	95,668	
St. Cloud.....		13,436	30,137			69,890	\$100,000	1,859	600	185,499	
Stevens Point.....		20,494	6,866			283,244	490		877	386,119	
Wausau.....		26,224	6,866			92,848	200,000	749	12,735	339,181	
Madisonville.....		11,353	3,941			23,675			819	35,847	
Harrisburg.....		17,553	3,941			32,060			712	76,766	
Johnson.....		20,845	1172			6,278			79,631	79,631	
Meridian.....		14,360				33,663			1,046	49,060	
Missouri:											
Hamilton.....		20,023				86,252			2,964	109,269	
Jefferson City.....		4,888	1,083		1,248	11,555	43,941		19,612	82,367	
St. Louis.....		7,105	(1)	800		44,990		7,000	19,767	78,852	
St. Charles.....		9,349	1,666	3,526		75,576		10	21,886	114,042	
Webb City.....		6,754	2,637	32		53,052		832	2,756	66,063	
Montana:											
Butte.....		29,177	83,865			90,520			486	113,177	
Great Falls.....		34,424	89,525			84,768			1,189	465,209	
Helena.....		17,331	92,628		1,626	196,918	125,000	171	1,358	465,202	
Missouri:											
Nebraska:											
Grand Island.....		6,978				123,346			1,576	144,676	
New Hampshire:											
Berlin.....		2,131				108,077			4,474	119,529	
Concord.....		960	6,349			35,000			1,100	65,540	
Dover.....		2,270	124,356			184,356			9,964	146,590	
Roseton.....		450	737			48,309				50,435	
Keosauqua.....		2,106	3,691			42,340	32,000		28,901	109,038	
Leominster.....		2,460	34,000			40,403			1,000	35,000	
Nashua.....		1,521	94,000			76,430			7,973	144,856	
Portsmouth.....									4,172	82,123	



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

New Jersey:	20,642	34,506	52,300	10,343	117,851
Asbury Park	68,573	99,100	25,358	1,817	192,848
Bloomfield	32,415	50,828	55,488	10,258	100,181
Bridgeton	63,910		176,006	24,982	237,562
Camden	62,573		101,914	18,082	203,823
Camden, N. J.	94,945		85,031	5,463	244,415
Camden (P. O., Arlington)	82,977	28,197	76,828	5,627	244,415
Camden Branch	61,297		67,426	5,673	143,798
Clinton	32,588		284,707	1,259	101,570
Montclair	127,793	(*)	127,776	6,535	663,528
New Brunswick	32,264		58,791	15,363	370,478
Plainfield	77,668	27,223	152,730	6,820	105,406
Plainfield, N. J.	41,726	12,472	172,039	12,915	270,536
West New York	30,730	(*)	101,866	859	127,066
West Orange	66,106		102,484	1,057	265,343
West Orange, N. J.			30,435	1,564	200,589
New Mexico:		101,831	34,212	1,751	179,384
Albuquerque	9,491		70,967	43,228	123,686
Albuquerque, N. M.	6,475		32,434	59,644	74,677
Albuquerque, N. M.	8,491		60,943	735	
Albuquerque, N. M.	4,971		42,176	378	69,675
Albuquerque, N. M.	7,275		34,906	3,409	45,690
Albuquerque, N. M.	5,617		62,000	948	61,565
Albuquerque, N. M.	16,126		137,223	44,316	195,104
Albuquerque, N. M.	9,422		60,000	1,864	72,307
Albuquerque, N. M.	7,301		86,273	33,453	112,251
Albuquerque, N. M.	12,220		132,358	48,690	141,539
Albuquerque, N. M.	10,478		129,735	14,331	279,315
Albuquerque, N. M.	9,108		56,590	4,459	96,898
Albuquerque, N. M.	13,381		134,453	4,806	75,211
Albuquerque, N. M.	8,646		70,083	17,030	164,864
Albuquerque, N. M.	16,289		151,443	1,989	80,428
Albuquerque, N. M.	6,209		83,668	11,636	198,968
Albuquerque, N. M.	8,618		68,024	10,776	179,776
Albuquerque, N. M.	12,020		112,453	925	74,726
Albuquerque, N. M.	18,911		102,633	7,473	147,929
Albuquerque, N. M.	24,381		146,722	3,509	116,033
Albuquerque, N. M.	8,258		332,383	6,216	209,298
Albuquerque, N. M.	8,200	2,804	125,224	11,028	403,027
Albuquerque, N. M.	13,099		6,500	3,424	124,744
Albuquerque, N. M.	7,348		86,974	2,435	78,300
Albuquerque, N. M.	11,473		80,286	2,522	148,303
Albuquerque, N. M.	5,648		85,000	97,948	185,535
Albuquerque, N. M.	5,448		52,513	2,463	98,997
Albuquerque, N. M.	5,448		40,114	5,190	63,351
Albuquerque, N. M.				46,224	46,286

\* Included in column 3.

\* Included in column 4.

\* Statistics of 1915-16.

TABLE 90.—Receipts of city school systems, 1917-18—Continued.  
GROUP III.—CITIES OF 10,000 TO 20,000 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>New York—Continued.</b>											
Plattsburgh.....		\$7,506				\$62,498			\$15,245	\$85,249	
Port Chester.....		12,108				159,308			4,137	214,660	
Poughkeepsie.....		17,436				134,920	50,000		15,937	218,313	
Roseton.....		7,422				55,095			1,333	63,850	
Rome.....		10,481				141,000	28,586		5,019	185,086	
Saratoga Springs.....		9,853				76,460		158	1,580	88,051	
Watertown.....		17,190				162,780		4,984	3,103	188,017	
Whitehall.....		8,865				80,679			1,568	71,108	
White Plains.....		15,653				194,986			8,222	312,067	
<b>North Carolina:</b>											
Durham.....		5,191	\$22,917			59,089	21,000		38,184	153,546	
Greensboro.....		17,794	37,794		1,753	64,031			2,384	109,600	
Raleigh.....		11,000	11,000			48,333	43,900		1,736	105,469	
Wilmington.....		26,807	26,807			58,459	38,500	2,539	4,146	120,151	
Winston-Salem.....		600	\$42,000			\$31,620				74,229	
<b>North Dakota:</b>											
Grand Forks.....	\$150	54,774	19,224			177,312	30,000		2,072	266,961	
<b>Ohio:</b>											
Alliance.....		7,098				175,915	81,897		25,305	288,677	
Beaufort.....		7,627				78,197	35,200		5,372	126,577	
Chambridge.....		7,000	86,293			100,000			7,642	191,763	
Chardon.....		11,862	108,680						3,000	110,000	
East Liverpool.....		1,787				137,023	181,427	443	2,038	284,970	
Euclid.....		7,980			548	140,635	50,000		13,429	212,767	
Franklin.....		18,742				17,000	25,800		3,825	181,282	
Lakewood.....		6,185				366,337	710,000		3,966	1,080,483	
Lorain.....	360	7,586	90,569			164,227	31,341	3,300	1,591	203,444	
Mansfield.....		10,254			\$253	114,308	26,234		1,601	215,421	
Marion.....		7,379				90,463		200	2,516	100,718	
Mason.....		11,553				117,384	45,989		2,220	177,146	
Mason-Dixon.....		8,008				146,715	8,900		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	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551
Maryland	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551
Maryland	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551
Maryland	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551
Maryland	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551	117,551

\* Estimated.

\* 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.					Fixed charges, pensions, rents, taxes, etc.	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 ex-penses of in-struction.	Wages of janitors and other em-ployees.	Fuel.	Water, light, power, jan-itors' sup-plies, etc.	Main-tenance, re-pairs, re-placement of equip-ment, old.	Ex-penses of library ac-tivities.						
			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	
Alabama:																		
Birmingham.....	\$5,810	\$4,450	\$11,961	\$44,390	\$433,351	\$10,738	\$4,011	\$1,671	\$11,767	\$17,054	\$10,069	\$11,704		\$8,721	\$630,849	\$3,070	\$135,713	
California:																		
San Francisco.....	134,342	64,486	90,157	375,660	3,399,154	5,431	161,726	123,176	283,033	58,188	57,081	122,264	\$103,686	17,622	5,012,185	501,887	397,378	
Oakland.....	27,023	26,200	28,177	104,824	1,174,880	1,431	49,720	78,800	78,100	21,955	11,369	37,594	46,376	18,416	1,742,131	201,264	6,478	
San Francisco.....	53,418	26,264	17,804	171,863	1,754,445	1,902	35,587	62,343	136,838	28,706	10,731	121,887	30,078	21,363	2,540,920	64,083	564,653	
Colorado:																		
Denver.....	68,713	25,257	16,623	121,540	1,225,177	23,366	43,346	12,628	80,540	50,528	10,447	78,957	12,967	35,633	1,855,155	237,727		
Connecticut:																		
Bridgeport.....	15,700	8,500	20,200	53,925	505,607	4,061	30,942	6,668	48,077	51,857	13,007	47,463	3,444		815,637			
New Haven.....	21,002	7,306	39,525	71,700	611,817	38,751	30,450	13,290	73,330	53,270	18,824	56,540	4,147	7,353	1,075,180	31,758	20,320	
Westville dist.....	900	3,065	2,850	2,875	18,500	1,190	1,590		2,300	1,200	848	4,600	20,328	398	60,834	21,115	9,971	
District of Columbia:																		
Washington.....	17,609	27,297	35,200	112,596	1,021,458	36,063	149,897	42,617	188,400	105,376	31,500	196,032	54,028	14,494	2,904,615	279,236	524,037	
Georgia:																		
Atlanta.....		20,025		11,400	652,339	172	12,802		29,212	22,039	5,833	29,392		10,100	802,305	101,018		
Illinois:																		
Chicago.....	415,053	292,774	47,915	1,069,472	10,874,009	25,067	317,252	226,008	1,416,082	879,262	217,881	789,872	191,131	169,312	16,910,460	3,033,916	71,870	
Indiana:																		
Indianapolis.....	50,649	31,963	67,492	96,991	1,118,402		57,284	20,412	129,026	83,231	33,574	101,356	204,278	81,283	2,081,900	356,243	100,750	
Kentucky:																		
Louisville.....	38,660	13,900	20,011	87,028	652,807	3,970	40,145	5,528	81,464	47,435	16,397	51,540	2,821	5,861	1,481,332	43,676		

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

95,222	20,064	1,022,430	1,272	30,528	9,011	67,945	25,946	24,570	32,331	7,473	1,471,106
18,842	46,188	1,620,760	58,479	30,451	17,346	165,054	106,432	18,015	36,843	11,585	2,307,092
198,454	113,638	3,973,480	68,371	208,495	96,000	347,747	219,640	73,001	311,398	147,565	6,347,428
10,874	21,266	71,684	27,272	27,251	8,563	50,067	20,800	4,061	21,925	2,208	770,416
7,862	11,672	440,596	10,030	27,251	8,563	60,288	30,379	8,123	11,531	1,750	732,769
4,324	9,018	302,013	4,049	38,113	13,518	60,288	30,379	8,123	11,531	1,750	573,205
13,079	22,800	781,710	19,204	24,703	24,273	82,824	89,088	21,748	64,068	13,140	1,228,869
53,874	81,660	3,032,300	33,593	98,069	123,067	448,805	169,747	37,857	81,480	6,808	4,560,983
16,544	21,587	652,735	3,026	35,691	20,675	62,959	62,401	21,924	40,758	3,717	1,050,437
36,558	61,205	1,939,005	33,318	75,333	8,572	203,905	103,906	29,045	138,832	56,940	2,982,677
27,665	17,971	843,862	3,257	22,535	1,650	84,683	81,453	14,607	102,707	2,888	1,358,081
71,987	39,001	1,356,822	47,571	61,421	105,292	142,747	145,392	26,620	142,213	44,867	2,334,681
97,225	81,743	2,897,439	44,963	151,801	103,714	332,178	162,066	90,359	331,596	103,023	4,787,738
42,553	18,015	891,951	23,399	51,677	17,778	104,113	82,239	24,505	46,078	65,726	1,524,901
14,986	42,028	1,352,819	25,552	55,009	22,190	140,028	87,130	27,629	69,952	36,364	2,014,122
54,632	62,082	2,127,343	112,240	116,998	193,108	183,108	89,678	61,536	121,709	106,081	3,392,101
10,727	8,758	1,527,354	11,707	22,254	14,756	59,892	22,368	8,393	12,865	3,482	786,134
6,004	8,738	333,152	12,900	16,039	16,872	33,888	41,315	11,399	17,101	10,715	576,080
80,058	51,875	1,872,491	39,984	81,290	13,445	274,000	134,161	58,016	144,863	73,019	3,228,271
380,258	1,263,908	3,683,400	702,292	842,759	862,957	844,174	644,354	33,359	124,072	76,219	42,456,854
7,437	31,516	1,056,597	2,809	67,778	36,543	69,172	76,945	33,359	34,402	18,500	204,090
6,890	13,596	5,027,571	12,473	30,026	8,972	54,100	36,736	4,078	39,432	24,422	166,900
42,487	34,776	1,663,515	26,741	134,532	55,855	169,413	127,676	40,956	149,476	23,620	5,425
388,729	170,482	3,398,436	106,147	164,460	73,768	370,061	322,427	56,594	330,206	124,625	5,478,473
19,074	15,773	12,900	100,947	14,800	18,207	120,437	126,929	23,738	46,242	34,817	1,525,257
10,744	13,043	489,876	20,580	30,336	11,576	50,052	30,283	12,086	22,552	12,416	4,834
26,158	13,727	15,715	72,753	24,862	4,060	65,749	35,887	12,071	52,326	16,163	842,020
98,518	28,772	1,383,940	586	43,823	33,202	122,535	60,600	47,864	69,526	6,148	1,123,696
195,552	167,901	5,098,592	154,052	308,169	83,994	565,708	240,147	16,290	226,455	309,622	2,051,335
164,179	76,688	2,416,432	33,273	156,446	28,173	379,240	179,270	110,167	425,233	103,103	8,814,344
29,942	12,107	12,368	65,925	48,411	14,979	61,201	37,652	10,631	71,149	4,228	651,441
29,375	20,076	831,490	18,408	41,723	27,620	117,638	89,261	23,825	100,792	29,254	901,530
9,717	9,845	630,367	21,237	477	6,365	39,637	(1)	25,443	115,337	6,930	1,403,948
7,807	8,007	294,727	6,365	477	6,365	28,517	15,515	6,118	20,245	6,417	70,020
8,568	12,170	18,885	14,262	27,268	48,876	29,197	15,375	26,367	14,811	5,754	184,319
											874,446

\* Included in column 12.

\* Statistics of 1915-16.

\* Included in column 5.

\* Included in 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 debt service.
	Board-ness.	Educa-tional.	Day schools.				Station-ery, sup-plies, and other ex-penses of in-struc-tion.	Night schools, etc.	Wages of janitors and other em-ployees.	Fuel.	Water, light, power, etc.	Mainte-nance, re-pair, re-placement of equip-ment, etc.	Ex-penses of aux-iliary insti-tutes, etc.	Fixed charges, ven-ues, rents, taxes, etc.			
			Salaries and ex-penses of super-visors.	Salaries and ex-penses of teachers.	Text-books.												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Washington:																	
Seattle.....	\$48,575	\$35,827	\$23,144	\$148,080	\$1,455,530	\$41,971	\$108,578	\$37,798	\$185,341	\$72,585	\$43,869	\$15,892	\$142,918	\$10,129	\$2,449,159	\$735,482	\$277,858
Spokane.....	16,640	10,367	12,660	72,170	585,616	12,681	30,479	15,289	64,869	31,970	19,496	42,454	13,968	1,204	943,872	340,969	117,325
Waco.....																	
Wynnton.....	33,978	43,530	31,107	181,102	1,665,002	3,642	83,808	60,851	142,660	137,872	71,563	237,514	59,895	14,850	2,790,402	612,572	530,016

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

Alabama:																	
Mobile.....	\$2,328	\$4,713	\$4,235	\$11,861	\$107,037		\$2,256		\$5,484	\$2,352	\$6,279	\$9,181	\$17,268	\$3,302	\$176,811	\$18,366	\$49,836
Montgomery.....	1,080	5,670	2,668	12,199	72,908		1,728		5,465	5,601	1,280	7,665	790	2,129	119,220	18,366	10,500
Arkansas:																	
Little Rock.....	4,175	4,774	8,065	(*)	166,598				9,857			2,421		4,418	200,308	185,664	10,500
California:																	
Berkeley.....	6,429	5,063	6,105	36,583	372,508		20,357	88,775	33,327	9,308	7,975	28,185	9,685	458	512,756	6,628	89,403
San Francisco.....	9,218	5,399		35,737	379,301		51,487	11,967	31,917	8,715	20,250	43,648	11,576	20,519	632,163	26,002	29,280
Sacramento.....		10,170	1,500	42,031	444,580		19,136	23,651	34,214	8,435	13,005	23,153	17,505	4,775	642,185	115,708	97,833
San Diego.....	12,141	6,400	15,912	44,683	373,673		24,105	18,254	44,199	3,997	15,616	26,745	8,088	14,502	688,325		41,475
Chicago:																	
Forest Park.....	3,665	4,543	7,633	13,838	100,543	\$2,335	8,684	963	15,584	5,900	7,611	8,604	1,460	1,426	182,555	10,712	19,840





TABLE 91.—Expenses, outlays, and other payments, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

City	General control.			Expenses of instruction.								Expenses of operation.						Total current expenses.	Outlay—capital acquisition and construction.	Expenses of debt service.
	Busi-ness.	Educa-tional.	Total.	Day schools.				Station-ery, sup-plies, and other ex-penses of in-struction.	Night schools and other total.	Wages of janitors and other employes.	Fuel.	Water, light, power, jan-itors' sup-plies, etc.	Main-tenance, re-pairs, re-placement of equip-ment, etc.	Ex-cesses of aux-iliary agen-cies.	Fixed charges, pen-sions, rents, taxes, etc.					
				Salaries and ex-penses of super-visions.	Salaries of ex-ecutive prin-cipals.	Salaries of teachers.	Text-books.									Salaries of teachers.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
Massachusetts—Con-																				
Lyons	\$10,268	\$9,944		\$5,063	\$31,728	\$35,410	\$8,207	\$4,803	\$4,893	\$44,683	\$42,818	\$8,087	\$22,905	\$4,475	\$2,525	\$41,508	\$125,464			
Madison	2,350	13,259		5,578	24,867	175,385	7,805	9,407	18,328	18,328	29,031	3,877	2,658	2,658	305,222	120,289	168,002			
New Bedford	5,315	13,837		18,223	44,565	380,228	4,853	9,813	45,226	53,835	8,701	21,074	11,759	11,759	609,322	3,600	191,614			
Newton	4,407	10,518		11,437	23,333	297,084	8,020	15,085	29,960	39,980	2,360	8,820	8,820	786	501,476	8,600	77,453			
Fitchburg	2,062	5,726		6,832	22,963	180,720	5,298	6,946	18,507	7,345	3,729	7,844	7,844	1,120	283,161		77,453			
Quincy	3,836	7,071		7,966	19,770	172,370	10,284	3,539	15,507	18,858	3,729	7,844	7,844	2,156	277,947	43,904	90,686			
Salem	2,478	7,091		4,530	25,968	125,902	3,229	11,449	1,567	24,583	21,531	3,008	15,678	20,437	267,087	120,190	64,707			
Essexville	12,377	6,835		36,014	349,767	7,149	21,912	7,845	36,902	35,566	9,681	30,136	30,136	5,669	550,782	98,687	278,070			
Springfield	20,571	20,273		62,237	712,280	26,118	56,362	20,724	86,233	110,183	17,452	74,374	13,757	13,757	1,235,379	285,776	278,070			
Westfield	3,194	4,260		3,911	8,564	145,227	4,036	4,319	12,573	17,008	1,972	11,362	5,682	92	224,025	204,844	37,181			
Worcester	9,790	9,000		19,000	25,000	222,000	8,000	2,000	20,007	9,000	9,400	16,000	16,000	5,600	337,230	10,000	28,850			
Waltham	2,428	8,116		3,618	18,161	141,869	11,564	2,207	15,848	16,648	2,430	7,541	7,541	1,000	16,075	298,624	28,850			
Woburn	19,073	7,060		7,060	18,848	208,848	3,892	1,561	15,848	16,648	7,014	1,744	1,744	19,721	6,650	282,836	97,735			
Wrentham	4,868	6,425		12,056	24,550	130,798	4,048	1,785	17,450	19,031	4,051	7,014	6,741	2,023	238,970	299,239	75,332			
Weymouth	8,011	6,949		6,949	18,707	201,382	9,384	2,867	19,533	23,194	4,051	7,014	7,014	21,408	308,649	330,649	13,419			
Weymouth	2,000	2,750		5,700	8,200	162,550	2,364	23,046	21,704	22,818	21,474	14,540	14,540	1,660	309,090	265,209	7,489			
Weymouth	6,128	4,432		4,087	22,902	120,107	11,213	738	18,348	16,654	2,374	5,855	7,156	2,518	225,883	5,827	6,334			
West side	1,477	3,121		6,150	8,825	78,469	5,060	468	11,771	10,341	3,173	5,110	3,904	1,436	142,47	32,439	31,905			
Weymouth	16,210	9,575		19,023	46,934	429,029	7,862	31,698	51,664	47,922	13,692	22,268	15,024	1,283	728,550	325,439	81,905			



TABLE 91.—Expenses, outlays, and other payments, 1917-18.—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

City.	General control.		Expenses of instruction.								Expenses of operation.				Total expenses.	Outlay—capital acquisition and construction.	Ex-penses of auxil-iary and debt service.
	Busi-ness.	Educa-tional.	Day schools.				Night schools, other total.	Wages of janitors other employees.	Fuel.	Water, light, heat, telephone, equip-ment, etc.	Main-tenance, repairs, place-ment of equip-ment, etc.	Ex-penses of auxil-iary asen-ction.	Fixed charges, per-centage, etc.				
			Salaries and ex-penses of super-visors.	Salaries and ex-penses of prin-ci-pals.	Salaries of teachers.	Text-books.								Station-ery, sup-plies, and other ex-penses of in-struction.			
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
Albany	12,777	8,822	38,988	271,064	812,312	837,509	\$334	\$30,700	\$23,305	\$14,201	\$20,318	\$8,747	\$8,838	\$493,397	\$108,893	\$141,715	
Albany	5,885	4,288	6,650	106,276	4,325	10,132	.....	10,754	8,902	3,856	8,145	7,500	1,188	186,261	24,845	17,493	
Albany	18,706	6,988	14,438	29,565	232,079	9,419	27,287	30,061	12,388	8,969	10,863	5,978	8,421	411,752	120,675	94,822	
Albany	6,644	4,722	3,100	19,304	4,633	6,231	2,306	13,928	9,261	2,478	6,886	4,058	2,602	197,641	96,732	66,890	
Albany	14,744	8,461	8,809	22,780	6,822	18,754	1,863	21,814	14,515	7,127	3,691	5,562	1,880	306,103	4,857	50,546	
Albany	9,772	5,422	3,886	12,981	3,991	17,602	1,488	17,438	15,868	6,389	8,143	1,135	3,116	248,699	33,029	43,886	
Albany	2,272	9,231	10,086	12,981	12,442	20,174	4,992	40,386	17,961	4,837	11,359	6,320	9,119	476,966	36,130	273,660	
Albany	8,472	9,941	6,480	38,027	252,773	11,442	20,174	37,807	17,470	8,485	28,510	5,844	23,178	471,554	36,130	93,624	
Albany	8,268	4,388	3,746	16,970	113,717	3,604	10,108	12,800	15,174	5,067	6,182	2,144	2,161	272,973	40,398	35,423	
Albany	8,049	3,146	9,800	137,046	10,613	9,910	676	17,028	17,287	9,087	11,182	1,770	1,934	231,860	43,046	13,128	
Albany	7,386	7,111	6,570	28,235	5,843	10,680	7,262	31,213	23,833	5,949	37,576	1,000	1,956	311,813	114,228	114,228	
Albany	2,163	5,886	2,150	106,697	2,287	5,389	3,277	11,640	11,233	3,259	2,925	1,828	1,600	162,919	47,561	24,602	
Albany	1,877	8,506	3,185	16,309	172	4,612	1,492	2,860	2,748	1,763	7,829	8,577	5,564	151,359	9,790	.....	
Albany	1,896	4,686	22,105	112,343	.....	3,066	.....	8,439	.....	1,273	784	2,152	1,273	179,988	.....	.....	
Albany	2,166	7,088	6,510	32,963	(*)	3,322	.....	19,010	10,788	4,297	14,874	1,920	6,882	282,015	134,985	.....	
Albany	10,005	12,890	9,908	60,122	511,400	14,922	7,678	34,751	17,025	6,638	27,771	49,725	8,324	770,260	44,780	1,107	
Albany	6,405	9,647	6,260	23,709	260,044	1,117	8,980	15,961	11,211	1,328	9,671	1,965	1,965	369,969	60,251	60,251	
Albany	16,863	9,199	4,360	36,068	284,377	1,168	4,877	18,286	11,901	4,223	5,972	999	719	404,361	290,044	86,491	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

California	1,332	7,181	16,150	109,342	8,871	150	2,310	7,422	2,023	6,503	13,625	340	1,441	170,470	11,613
Colorado	3,870	20,230	58,176	350,650	8,453	12,436	47,422	11,400	13,258	8,108	11,400	7,218	1,739	547,828	153,942
Illinois	12,574	8,070	61,085	483,763	34,628	3,814	42,172	6,360	6,360	8,472	17,154	1,969	4,844	674,063	209,478
Indiana	22,041	21,840	76,533	660,303	43,179	1,775	65,539	22,947	21,003	110,201	1,969	1,969	1,105,037	88,701	77,900
Iowa	3,851	3,200	9,000	266,885	6,435	12,734	26,125	6,367	7,071	12,150	6,088	6,088	768	350,634	1,157
Michigan	2,872	2,780	9,000	84,579	121	1,422	4,943	3,730	3,730	3,790	1,673	2,988	2,988	120,887	65,928
Minnesota	2,801	2,863	14,623	121,000	276	96	8,864	6,283	1,862	2,176	430	430	917	168,480	12,977
Missouri	19,080	14,369	42,527	431,791	13,494	19,770	43,963	19,987	16,280	48,414	18,153	3,967	3,967	701,617	64,843
Montana	3,123	16,243	68,908	119,184	1,901	1,230	19,178	11,266	3,045	3,300	6,720	2,130	2,130	266,195	119,381
Nebraska	1,581	6,042	18,186	182,411	3,268	1,850	14,628	10,681	3,045	3,300	2,569	2,569	1,166	262,015	43,360
Nevada	3,720	4,821	15,664	105,878	2,075	10,644	14,117	14,809	5,413	7,114	4,806	4,806	1,542	207,953	4,919
New York	4,416	7,516	16,171	106,933	2,040	4,719	20,474	8,118	8,118	2,987	1,438	1,438	1,541	197,284	197,284
Ohio	3,625	7,185	8,878	180,817	1,471	7,445	17,012	20,316	3,313	17,485	17,802	5,648	5,648	337,770	30,305
Oregon	3,000	5,000	15,000	150,000	34,681	15,000	15,000	15,000	15,000	12,478	6,135	6,135	296,224	57,578	

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Alabama	8356	22,528	85,767	223,238	9661	3,862	4,500	1,500	1,500	700	2,958	212	1,719	137,538	43,481
Arizona	373	2,500	5,055	37,342	1,835	1,500	3,000	2,701	2,701	2,701	2,701	2,701	2,701	85,700	200
California	1,100	2,700	2,625	22,522	478	998	1,302	1,081	841	2,773	520	520	349	34,844	84,500
Colorado	1,501	6,159	3,780	86,818	3,862	4,500	7,642	5,577	1,881	1,880	1,220	1,220	349	41,843	118
Florida	600	3,675	5,900	61,680	1,500	1,500	3,000	6,000	700	700	35	35	1,719	86,700	18,000
Georgia	5,411	3,200	14,767	99,285	3,336	3,336	6,973	1,592	2,918	2,780	379	379	9,034	142,320	25,491
Illinois	800	2,025	8,040	17,540	40	40	4,000	2,500	2,650	1,000	1,715	1,715	1,715	85,300	28,984
Indiana	720	2,400	10,085	51,750	6,400	6,400	4,843	3,000	3,250	3,180	800	800	794	40,625	2,500
Iowa	1,410	2,700	10,085	51,750	6,400	6,400	4,843	3,000	3,250	3,180	800	800	794	88,204	204,000
Missouri	274	6,617	16,066	155,359	8,492	6,474	12,224	2,454	4,688	15,268	6,098	6,098	1,651	248,015	328,428
Nebraska	685	5,270	6,546	80,359	8,221	8,221	10,224	1,332	3,270	8,193	1,476	1,476	2,128	138,465	62,250
Nevada	865	4,574	12,440	67,764	3,340	3,340	8,178	1,332	2,441	6,190	4,637	4,637	2,241	123,483	9,480
New York	4,627	6,385	40,867	267,961	21,915	21,915	20,607	8,058	9,511	11,841	2,572	2,572	712	401,305	636
Ohio	16,781	2,227	14,008	298,549	20,105	7,299	22,010	10,989	16,284	3,059	4,386	4,386	3,059	403,280	50,235
Oregon	3,660	3,000	11,590	118,721	10,080	1,705	11,430	1,999	4,415	1,598	2,897	2,897	1,664	180,802	24,882
Texas	3,860	3,200	3,700	90,359	6,226	8,006	8,530	4,231	3,411	1,598	5,833	5,833	2,048	215,493	11,445
Virginia	1,045	3,200	3,413	132,788	831	6,199	16,237	3,424	3,688	3,502	4,398	4,398	2,048	38,739	38,739
Washington	200	8,453	29,615	213,073	6,226	2,832	6,226	5,695	7,456	5,074	4,398	4,398	2,048	321,476	1,242
West Virginia	741	2,713	4,400	27,046	92	4,688	25,641	5,695	3,881	2,143	2,536	2,536	1,273	180,843	1,587
Wisconsin	4,000	27,423	3,420	217,537	19,674	9,567	7,406	2,357	3,881	2,143	2,536	2,536	1,273	180,843	1,587
Wyoming	600	4,300	9,460	36,241	3,376	3,376	29,503	5,486	9,001	24,206	6,232	6,232	225	68,634	28,230

<sup>a</sup> Statistics of 1915-16. <sup>b</sup> Included in column 11. <sup>c</sup> Includes water, light, and power. <sup>d</sup> Statistics of 1916-17. <sup>e</sup> Estimated.



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.						Expenses of operation.					Fixed charges—rents, taxes, etc.	Total current expenses.	Outlay—capital construction.	Ex-penses of debt service.		
	Busi-ness.	Educa-tional.	3	Day schools.			Night schools, total.	Wages of janitors and other employees.	Fuel.	Water, light, fuel, etc.	Main-tenance, repairs, etc.	14	15	16					17	18
				4	5	6														
<b>California</b>																				
Concord																				
Concord																				
Danville																				
Trinidad																				
<b>Connecticut</b>																				
Ansonia																				
Bristol																				
Danbury																				
Greenwich																				
Manchester																				
Middletown																				
Naugatuck																				
New London																				
Norwalk																				
Stamford																				
South Manchester																				
Waterbury																				
Wallingford																				
Windham																				
<b>Georgia</b>																				
Athens																				
Brunswick																				

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	780	8,015	3,350	14,622	50,726	3,700	4,235	2,505	(2)	3,517	1,375	1,972	103,600
Columbus.....	780	2,550	660	5,400	26,845	400	1,725	1,207	2,000	1,161	1,575	1,972	41,567
Evans.....	250	2,800	6,675	6,675	30,869	1,941	1,700	681	805	576	200	54	46,012
Chicago.....	7,013	10,157	6,177	2,500	105,580	7,403	18,355	21,875	20,000	27,060	1,544	1,150	256,333
Illinois.....	3,511	6,015	2,953	-40,984	87,220	188	11,518	5,487	9,686	9,990	1,889	608	151,885
Alton.....	750	5,440	3,600	12,300	73,396	4,003	12,580	7,214	3,577	16,797	1,260	947	141,858
East side.....	490	3,353	3,625	6,350	37,405	2,501	7,365	8,673	(1)	6,055	1,731	2,416	80,640
West side.....	1,478	2,200	2,515	1,500	47,943	855	6,074	3,614	3,654	10,716	307	4,816	88,780
Rockford.....	1,220	4,139	9,945	12,248	75,637	6,512	8,573	6,547	4,955	8,537	244	1,686	136,677
Rockton.....	1,831	3,270	2,673	1,700	46,001	347	6,288	4,011	3,583	5,521	135	135	84,953
Chicago Heights.....	4,640	2,600	2,001	1,700	42,154	1,157	6,484	7,058	3,127	4,109	2,130	1,275	68,496
Chicago.....	3,890	4,640	5,363	9,202	57,522	363	10,055	10,058	3,127	4,109	2,130	1,275	73,237
Chicago.....	2,020	3,020	1,195	47,023	232	1,115	17,828	10,000	3,585	15,182	2,412	2,276	160,269
Chicago.....	3,020	5,020	4,192	9,033	89,550	455	17,429	10,000	3,585	15,182	2,412	2,276	160,269
Chicago.....	1,200	2,020	4,192	9,033	89,550	455	17,429	10,000	3,585	15,182	2,412	2,276	160,269
Chicago.....	5,620	5,020	4,192	9,033	89,550	455	17,429	10,000	3,585	15,182	2,412	2,276	160,269
Chicago.....	9,905	4,020	4,192	15,986	121,838	700	15,022	16,504	2,204	7,802	1,326	1,921	197,247
Illinois.....	4,182	13,233	4,292	6,267	80,057	884	8,780	14,477	7,241	16,298	7,828	4,110	180,337
District No. 75.....	2,002	4,816	1,265	3,267	38,847	151	5,083	3,000	2,033	2,928	2,683	765	66,201
District No. 76.....	1,245	2,700	3,030	3,000	74,009	75	7,603	8,981	6,160	7,962	1,475	2,962	119,516
Princeton.....	203	4,200	3,106	12,898	72,217	2,658	10,811	11,950	3,227	10,458	810	3,310	140,275
Channahon.....	1,620	2,300	8,775	4,628	46,428	2,436	8,084	6,452	3,264	4,345	2	3,369	92,564
Rockton.....	870	3,300	4,600	63,270	30	3,019	8,084	6,452	3,264	4,345	2	3,369	92,564
Rockton.....	925	2,775	1,715	4,750	24,677	639	4,160	2,835	1,328	7,851	85	634	100,651
Rockton.....	975	2,625	4,775	35,235	150	1,600	4,935	2,818	1,238	7,851	85	634	100,651
Rockton.....	4,063	4,076	6,797	16,135	44,265	1,640	4,555	5,823	(1)	18,493	800	55,581	24,830
Rockton.....	2,528	2,528	2,528	98,980	1,622	1,622	14,670	12,816	6,496	11,466	3,208	2,060	109,958
Rockton.....	445	2,528	2,528	18,222	64,185	451	14,670	12,816	6,496	11,466	3,208	2,060	109,958
Rockton.....	2,175	2,977	2,075	2,900	110,334	328	19,603	17,394	6,880	11,784	1,868	1,823	240,770
Rockton.....	2,175	2,100	1,400	2,900	46,425	200	11,835	11,717	5,013	7,975	1,872	7,567	180,836
Rockton.....	3,557	5,279	8,390	10,361	56,577	2,263	6,400	5,400	4,620	7,201	1,750	80,505	17,348
Rockton.....	450	3,847	9,625	10,575	113,753	4,887	15,006	13,366	3,886	17,397	8,166	2,077	88,336
Rockton.....	440	2,000	3,140	5,737	64,185	535	11,743	11,332	773	15,704	542	21,902	19,605
Rockton.....	29,096	10,467	8,255	12,388	147,580	19,708	3,754	5,405	2,138	6,510	8,491	132,760	8,491
Rockton.....	925	15,649	5,000	12,119	127,228	27,706	20,283	8,423	18,396	6,395	6,579	64,020	39,607
Rockton.....	2,250	2,000	8,475	7,255	39,806	800	24,246	14,037	13,996	6,395	6,579	70,728	19,418
Rockton.....	3,263	1,800	1,665	1,100	31,663	1,440	4,183	3,029	1,188	6,774	790	252,283	7,106
Rockton.....	1,448	3,203	9,513	9,478	61,128	5,107	7,172	9,340	2,905	3,094	35	86,532	141,000
Rockton.....	600	2,890	4,136	4,601	86,261	2,600	9,720	2,217	3,340	1,947	300	46,968	3,664
Rockton.....	300	3,891	3,319	4,601	42,034	600	6,014	2,217	2,479	15,246	522	116,016	30,368
Rockton.....	4,245	4,122	2,676	4,875	82,821	13,876	6,014	2,479	2,479	6,433	1,750	144,111	42,678
Rockton.....	4,245	2,125	12,265	12,265	66,963	500	9,000	10,301	3,200	0,086	14	136,827	2,100
Rockton.....	2,080	2,080	5,094	9,271	40,392	644	10,089	9,063	15,173	8,060	2,742	119,623	41,037
Rockton.....	4,004	2,080	7,111	9,271	57,211	312	5,753	6,746	2,504	1,907	1,449	106,325	8,899
Rockton.....	10,004	5,178	15,626	15,626	108,725	1,122	16,954	24,749	5,558	1,158	2,222	196,958	14,274
Rockton.....	4,117	3,330	5,443	9,212	58,038	104	6,903	4,694	5,558	1,160	1,000	6,416	2,341
Rockton.....	1,380	3,330	5,443	9,212	58,038	104	6,903	4,694	5,558	1,160	1,000	102,267	9,572

\* Statistics of 1918-19. \* Included in column 8. \* Included in column 10. \* Included in column 11. \* Includes water, light, and power. \* Not including district No. 1.



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, repairs, etc.	Total current expenses.	Outlay—capital acquisition and construction.	Ex-penses of debt service.
	Educa-tional.	Educa-tional.	Day schools.				Text-books.	Station-ery, sup-plies, and other ex-penses of in-struction.	Night schools, total.	Wages of janitors and other em-ployees.	Fuel.	Water, light, janit-ory, sup-plies, etc.	Main-te-nance, re-pair, re-plac-ement of equip-ment, etc.	Ex-penses of aux-iliary agen-cies, etc.				
			Salaries and ex-penses of super-visions.	Salaries and ex-penses of teachers.	Salaries and ex-penses of prin-cipals.	Station-ery, sup-plies, and other ex-penses of in-struction.												
Indiana—Continued.																		
Berea	825	82,922	83,359	87,905	838,097	\$1,130	\$1,239	881	85,861	\$7,706	\$1,184	\$5,672	8230	891	\$76,624		89,040	
Michigan	1,250	4,638	5,864	14,929	12,228	925	4,007	1,945	13,324	12,153	5,698	6,996	3,147	1,839	176,155	1,530	27,785	
Wisconsin		4,312	1,483	8,213	52,071	45	1,105	2,919	6,931	7,963	2,548	559		240	92,876			
Iowa																		
Des Moines	300	2,400	2,400	17,570	53,570		875		7,190	4,250	2,106	2,298	150	2,225	75,354		6,840	
Harrison	1,582	4,625	9,037	108,146	108,146	364	1,711	340	10,128	1,622	9,967	8,278	2,356	1,378	186,496	22,150	9,222	
Clinton	1,347	8,922	8,922	9,925	73,885	2,323	5,555	763	10,128	9,748	2,561	19,375	4,352	1,419	136,743		8,992	
Council Bluffs	3,059	5,291	17,465	139,223	3,834	1,297	1,297	763	13,265	13,844	2,561	19,375	4,352	1,419	235,743		7,970	
Iowa City	1,359	3,101	2,100	50,830	3,500	4,062	4,062		7,306	9,357	4,054	6,056	141	3,167	82,633	38,657	20,485	
Maquokette	708	3,441	4,723	8,627	45,530	53	662		6,917	6,185	4,135	6,056	141	3,167	82,633	162,000	27,426	
Muscatine	415	3,441	8,627	81,898	1,941	1,941	6,755		10,709	8,619	2,159	11,662	1,263	1,649	144,813	4,274	6,000	
Newton	2,355	7,877	4,290	9,546	85,971	2,628	5,514	1,194	10,083	11,559	4,605	6,749	862	2,395	155,578	394,814	29,103	
Sheldahl	943	2,500	7,877	7,856	68,052	4,467	6,116	1,115	6,867	7,522	1,682	5,659	801	1,592	106,328	30,818	9,885	
Wasson	2,124	5,663	7,450	15,329	96,556	3,427	3,554	1,115	13,757	10,134	3,936	6,120	1,202	8,796	178,228	5,062	5,551	
West side	4,083	3,726		9,259	77,996	828	281		8,949	5,439	3,899	11,545	1,021	2,779	129,795	130,172	15,794	
West side 2	8,813	2,700	10,018		51,841	1,614	2,106		5,000	3,619	9,974	3,078	1,169		90,837	41,000		
West side 3	660	2,165	935	6,050	42,873	61	1,319		6,299	3,298	2,504	2,799	198	289	69,318	1,350	8,811	
Cedarville	1,152	2,759	8,381	64,159	64,159	1,651	1,651		6,299	3,518	3,540	4,494	1,335	963	94,278	322	7,832	
Fort Boon	2,794	2,665	1,725	8,381	28,745	1,117	3,292		5,893	3,604	1,243	3,422		908	63,759	87,933	8,402	
Hutchinson	2,301	3,929	2,697	9,988	85,813	340	4,338		8,884	7,705	2,564	4,185	1,470	2,867	136,381	170,644	17,313	



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918

City	1917	1918	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	
Independence	388	4,205	5,954	7,319	651	5,110	2,083	3,017	1,400	3,410	79,125	5,980	12,438	1,010	3,410	1,010	12,740	1,118	1,118	1,118	1,118
Lawrence	3,828	2,327	16,012	2,102	1,062	9,578	4,927	1,118	1,118	1,118	112,783	16,315	16,184	1,010	1,010	1,010	12,740	1,118	1,118	1,118	1,118
Lawrence	2,204	3,448	17,235	2,102	1,062	9,578	4,927	1,118	1,118	1,118	112,783	16,315	16,184	1,010	1,010	1,010	12,740	1,118	1,118	1,118	1,118
Lawrence	1,870	3,690	17,235	2,102	1,062	9,578	4,927	1,118	1,118	1,118	112,783	16,315	16,184	1,010	1,010	1,010	12,740	1,118	1,118	1,118	1,118
Lawrence	3,842	3,880	8,702	2,070	183	4,000	4,026	4,026	4,026	4,026	69,544	20,002	21,085	3,020	3,020	3,020	69,544	20,002	21,085	21,085	21,085
Lawrence	697	2,556	975	1,924	3,060	3,060	3,570	776	2,426	639	46,525	5,980	95,800	639	639	639	46,525	5,980	95,800	95,800	95,800
Lawrence	350	3,302	7,200	1,157	1,157	3,960	3,960	3,960	3,960	3,960	46,525	5,980	95,800	3,960	3,960	3,960	46,525	5,980	95,800	95,800	95,800
Lawrence	801	4,420	1,800	1,362	1,362	6,200	4,852	1,348	1,348	1,348	46,525	5,980	95,800	1,348	1,348	1,348	46,525	5,980	95,800	95,800	95,800
Lawrence	789	5,016	10,700	1,766	150	5,066	3,063	1,201	1,201	1,201	46,525	5,980	95,800	1,201	1,201	1,201	46,525	5,980	95,800	95,800	95,800
Lawrence		1,440	6,980	680	225	2,340	1,984	1,984	1,984	1,984	46,525	5,980	95,800	1,984	1,984	1,984	46,525	5,980	95,800	95,800	95,800
Lawrence	80	2,175	3,615	1,984	325	1,984	325	1,984	325	1,984	46,525	5,980	95,800	325	325	325	46,525	5,980	95,800	95,800	95,800
Lawrence	1,000	3,000	14,925	680	225	6,700	1,400	800	1,150	1,150	46,525	5,980	95,800	800	800	800	46,525	5,980	95,800	95,800	95,800
Lawrence	1,150	4,150	5,636	1,841	1,841	3,688	6,476	1,061	1,061	1,061	46,525	5,980	95,800	1,061	1,061	1,061	46,525	5,980	95,800	95,800	95,800
Lawrence	3,000	8,000	9,486	2,400	1,066	6,077	9,550	2,423	2,423	2,423	46,525	5,980	95,800	2,423	2,423	2,423	46,525	5,980	95,800	95,800	95,800
Lawrence	2,680	4,466	10,452	3,470	751	5,318	3,311	1,360	1,360	1,360	46,525	5,980	95,800	1,360	1,360	1,360	46,525	5,980	95,800	95,800	95,800
Lawrence	775	1,100	6,560	1,472	707	3,387	5,765	1,401	1,401	1,401	46,525	5,980	95,800	1,401	1,401	1,401	46,525	5,980	95,800	95,800	95,800
Lawrence	3,204	4,122	5,130	3,074	707	3,387	5,765	1,401	1,401	1,401	46,525	5,980	95,800	1,401	1,401	1,401	46,525	5,980	95,800	95,800	95,800
Lawrence	448	2,904	6,050	783	1,973	3,970	5,263	789	2,132	2,132	46,525	5,980	95,800	789	789	789	46,525	5,980	95,800	95,800	95,800
Lawrence	200	2,515	9,750	3,483	6,337	9,578	10,738	4,342	2,622	2,622	46,525	5,980	95,800	4,342	4,342	4,342	46,525	5,980	95,800	95,800	95,800
Lawrence	2,092	2,609	7,551	1,135	6,400	10,271	10,738	4,342	2,622	2,622	46,525	5,980	95,800	2,622	2,622	2,622	46,525	5,980	95,800	95,800	95,800
Lawrence	828	6,050	16,235	2,864	5,583	14,107	17,638	2,578	9,009	9,009	46,525	5,980	95,800	2,578	2,578	2,578	46,525	5,980	95,800	95,800	95,800
Lawrence	36	10,986	24,985	6,560	11,265	23,443	23,245	7,059	20,514	20,514	46,525	5,980	95,800	7,059	7,059	7,059	46,525	5,980	95,800	95,800	95,800
Lawrence	928	4,565	14,652	2,110	4,055	8,939	8,939	2,823	14,600	14,600	46,525	5,980	95,800	2,823	2,823	2,823	46,525	5,980	95,800	95,800	95,800
Lawrence	1,238	3,293	12,119	1,724	1,961	6,155	7,124	1,133	3,903	3,903	46,525	5,980	95,800	1,133	1,133	1,133	46,525	5,980	95,800	95,800	95,800
Lawrence	390	2,750	7,081	2,149	1,300	7,959	10,877	2,523	5,887	5,887	46,525	5,980	95,800	2,523	2,523	2,523	46,525	5,980	95,800	95,800	95,800
Lawrence	321	3,324	4,418	3,822	1,580	7,891	8,959	1,063	4,672	4,672	46,525	5,980	95,800	1,063	1,063	1,063	46,525	5,980	95,800	95,800	95,800
Lawrence	1,001	5,903	4,313	2,081	7,999	13,450	15,257	1,762	3,137	3,137	46,525	5,980	95,800	3,137	3,137	3,137	46,525	5,980	95,800	95,800	95,800
Lawrence	1,179	3,939	7,700	2,974	1,944	10,329	9,398	9,398	2,963	2,963	46,525	5,980	95,800	2,963	2,963	2,963	46,525	5,980	95,800	95,800	95,800
Lawrence	11,275	4,554	1,800	3,425	802	8,871	1,703	1,703	3,291	3,291	46,525	5,980	95,800	3,291	3,291	3,291	46,525	5,980	95,800	95,800	95,800
Lawrence	450	3,488	7,010	2,883	585	4,871	7,689	1,818	2,867	2,867	46,525	5,980	95,800	2,867	2,867	2,867	46,525	5,980	95,800	95,800	95,800
Lawrence	1,228	4,109	9,230	3,410	3,502	10,692	11,156	5,138	5,138	5,138	46,525	5,980	95,800	5,138	5,138	5,138	46,525	5,980	95,800	95,800	95,800
Lawrence	2,419	4,110	13,641	3,410	3,410	9,192	11,156	5,138	5,138	5,138	46,525	5,980	95,800	5,138	5,138	5,138	46,525	5,980	95,800	95,800	95,800
Lawrence	1,542	2,564	7,944	4,489	1,007	17,370	19,040	1,818	18,339	18,339	46,525	5,980	95,800	1,818	1,818	1,818	46,525	5,980	95,800	95,800	95,800
Lawrence	1,542	2,564	7,944	4,489	1,007	17,370	19,040	1,818	18,339	18,339	46,525	5,980	95,800	1,818	1,818	1,818	46,525	5,980	95,800	95,800	95,800
Lawrence	2,500	1,800	10,942	2,981	1,912	3,205	4,135	897	2,531	2,531	46,525	5,980	95,800	2,531	2,531	2,531	46,525	5,980	95,800	95,800	95,800
Lawrence	1,500	3,000	7,227	1,753	1,753	10,438	18,336	2,239	18,121	18,121	46,525	5,980	95,800	1,753	1,753	1,753	46,525	5,980	95,800	95,800	95,800
Lawrence	2,200	4,625	7,227	2,944	801	8,632	9,017	2,030	2,642	2,642	46,525	5,980	95,800	2,642	2,642	2,642	46,525	5,980	95,800	95,800	95,800

Statistics of 1915-16. \* Included in column 6. \*\* Included in columns 10 and 11. † Furnished by city. ‡ Estimated part of total expenditure for general control.





STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	City	Enrollment	Total Expenditure	Per Pupil	Salaries	Books	Supplies	Travel	Transportation	Repairs	Utilities	Interest	Other	Total
Minnesota	Mankato	1,362	3,800	2,790	1,200	100	100	100	100	100	100	100	100	3,800
	St. Cloud	1,459	5,000	3,428	1,500	100	100	100	100	100	100	100	100	5,000
	Willmar	1,011	2,800	2,000	1,000	100	100	100	100	100	100	100	100	2,800
	Virginia	8,367	25,000	18,000	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	25,000
	Wadena	8,800	25,000	18,000	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	25,000
	Wadena	648	2,400	1,800	900	100	100	100	100	100	100	100	100	2,400
	Hutchinson	600	2,300	1,800	900	100	100	100	100	100	100	100	100	2,300
	Meridian	360	1,200	900	450	100	100	100	100	100	100	100	100	1,200
	Hannibal	565	2,535	1,900	950	100	100	100	100	100	100	100	100	2,535
	Redburn City	600	2,300	1,800	900	100	100	100	100	100	100	100	100	2,300
Missouri	Meridian	600	2,300	1,800	900	100	100	100	100	100	100	100	100	2,300
	Webb City	1,124	3,152	2,300	1,000	100	100	100	100	100	100	100	100	3,152
	St. Louis	840	2,700	2,000	900	100	100	100	100	100	100	100	100	2,700
	St. Louis	2,825	11,500	8,500	3,000	300	300	300	300	300	300	300	300	11,500
	St. Louis	3,417	18,585	13,500	4,500	500	500	500	500	500	500	500	500	18,585
	St. Louis	3,114	3,960	6,420	12,300	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	3,960
	St. Louis	500	2,500	3,650	5,878	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,500
	St. Louis	3,400	3,400	9,000	63,960	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	3,400
	St. Louis	175	4,963	41,249	23,810	2,837	3,829	243	1,532	2,171	1,245	1,582	3,015	4,963
	St. Louis	1,465	2,850	30,551	1,049	3,806	337	5,122	2,871	5,842	2,842	2,842	2,842	2,850
New Hampshire	Concord	140	2,433	1,742	3,500	1,963	5,122	1,550	900	1,800	1,800	1,800	1,800	2,433
	Dover	375	2,300	2,000	77,440	2,828	12,158	1,800	3,282	1,175	5,862	5,862	5,862	2,300
	Leeds	61	4,201	2,400	4,000	7,440	48,182	1,552	3,282	3,015	5,025	5,025	5,025	4,201
	Nashua	22	3,421	4,170	7,115	48,182	1,552	3,282	3,015	5,025	5,025	5,025	5,025	3,421
	Nashua	156	4,398	5,000	15,400	13,026	4,723	4,723	4,723	4,723	4,723	4,723	4,723	4,398
	Nashua	5,901	3,805	3,000	6,000	46,526	3,012	3,012	3,012	3,012	3,012	3,012	3,012	3,805
	Nashua	917	3,550	8,593	79,814	3,270	7,001	2,419	2,419	2,419	2,419	2,419	2,419	3,550
	Nashua	1,275	6,162	17,539	125,594	3,270	7,001	2,419	2,419	2,419	2,419	2,419	2,419	6,162
	Nashua	2,572	3,431	3,300	11,900	99,912	4,552	8,981	3,317	4,552	4,552	4,552	4,552	3,431
	Nashua	1,729	4,802	15,928	17,630	119,975	4,474	6,249	2,089	4,474	4,474	4,474	4,474	4,802
New York	Albany	2,037	4,800	3,700	7,751	83,516	1,871	4,408	2,089	4,474	4,474	4,474	4,474	4,800
	Albany	1,013	2,572	2,500	3,375	53,517	2,474	5,999	710	5,671	5,671	5,671	5,671	2,572
	Albany	4,290	10,930	14,900	30,730	217,547	8,139	26,545	9,237	2,474	2,474	2,474	2,474	10,930
	Albany	4,975	3,572	6,950	14,000	119,445	6,086	9,237	2,474	2,474	2,474	2,474	2,474	3,572
	Albany	7,419	2,838	8,600	8,400	43,830	4,669	4,669	4,669	4,669	4,669	4,669	4,669	2,838
	Albany	7,223	9,688	8,400	6,630	166,422	4,054	11,500	1,500	1,500	1,500	1,500	1,500	9,688
	Albany	2,751	1,362	6,400	6,400	99,173	1,251	4,184	1,184	4,184	4,184	4,184	4,184	1,362
	Albany	1,738	2,037	4,800	3,700	7,751	83,516	1,871	4,408	2,089	4,474	4,474	4,474	2,037
	Albany	1,013	2,572	2,500	3,375	53,517	2,474	5,999	710	5,671	5,671	5,671	5,671	2,572
	Albany	4,290	10,930	14,900	30,730	217,547	8,139	26,545	9,237	2,474	2,474	2,474	2,474	10,930

Estimated part of total expenditure for general control.

Included in column 6.

Statistics of 1915-16.





STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

902	Lackawanna.....	3,905	1,011	2,111	37,313	1,172	2,198	5,224	6,087	1,316	2,570	1,178	1,310	67,090	41,115	12,178
333	Little Falls.....	3,068	5,018	4,653	28,697	1,094	1,094	3,937	3,937	3,937	3,937	3,937	3,937	139,463	6,080	8,422
1,104	Lockport.....	6,746	1,238	2,436	31,804	904	1,005	9,186	11,551	3,981	4,634	1,111	1,111	139,463	6,080	8,422
1,080	Middletown.....	4,067	4,271	10,482	53,407	2,117	5,917	4,751	5,952	2,296	3,884	3,083	3,083	104,534	2,128	1,185
2,985	Newburgh.....	8,157	4,707	11,640	212,325	4,524	4,546	23,363	14,628	3,482	11,226	12,259	7,917	389,029	40,531	18,004
2,489	North Tarrytown.....	3,259	4,056	4,970	31,014	1,820	2,758	2,801	3,909	3,480	9,101	7,452	1,863	105,855	3,895	18,164
1,679	Ogdensburg.....	2,552	4,023	7,960	31,104	1,224	302	3,907	7,432	2,980	4,988	2,364	1,985	69,543	2,217	7,564
1,294	Olean.....	5,114	3,912	8,797	76,887	1,374	3,280	3,907	10,700	2,450	4,988	2,364	1,985	133,738	1,467	11,705
1,943	Oranville.....	3,379	2,000	3,229	47,561	1,535	2,649	3,901	10,700	2,450	4,988	2,364	1,985	85,000	3,093	90,534
3,442	Oswego.....	2,886	4,152	1,149	64,513	149	1,346	6,972	2,445	2,170	2,170	2,329	897	97,079	2,759	5,112
269	Peekskill.....	3,259	608	1,491	30,915	634	719	4,163	2,977	3,904	575	1,421	700	48,026	397	14,514
207	District No. 7.....	3,251	3,211	1,031	30,214	1,031	663	2,159	2,307	1,661	467	850	427	49,735	362	8,423
578	District No. 8.....	2,944	560	2,114	31,741	1,031	1,031	2,159	2,307	1,661	467	850	427	49,735	362	8,423
3,780	Plattsburgh.....	4,555	10,920	10,920	104,792	4,224	4,013	6,234	5,062	2,159	1,449	533	762	180,103	2,072	26,070
2,442	Port Chester.....	7,862	6,100	7,904	97,417	1,507	1,847	11,333	12,198	5,174	19,882	4,326	3,394	176,930	37,812	33,354
3,315	Poughkeepsie.....	2,808	1,058	3,367	35,360	1,949	1,949	3,081	2,259	3,262	3,008	1,322	2,020	60,261	1,523	26,024
266	Rensselaer.....	4,050	1,683	8,063	69,400	2,300	2,300	6,786	9,269	3,262	3,078	1,544	2,247	112,236	47,111	17,526
170	Saratoga Springs.....	3,807	3,419	3,419	57,359	1,305	1,305	4,308	7,869	1,896	2,641	1,042	780	80,110	253	4,438
686	Watertown.....	3,674	4,060	12,600	101,332	2,131	1,447	13,634	14,872	3,263	9,359	7,015	3,923	178,800	63,777	13,138
941	Watervliet.....	3,394	1,742	1,148	43,595	266	1,124	4,404	7,505	1,374	2,684	1,677	1,217	70,729	2,455	7,564
2,787	White Plains.....	7,284	5,397	13,321	112,740	1,551	9,454	13,303	12,862	7,143	5,989	6,760	5,178	204,836	59,245	36,226
390	North Carolina:	4,931	1,026	9,914	67,069	969	2,983	4,318	4,954	4,954	4,954	5,049	3,460	111,622	107,989	29,062
328	Durham.....	4,077	3,800	7,157	56,771	265	2,822	4,461	4,461	2,974	2,974	1,574	728	89,761	2,517	13,064
927	Greensboro.....	2,400	.....	.....	53,597	.....	.....	6,707	(*)	4,274	1,801	4,333	268	11,925	3,787	51,725
1,142	Raleigh.....	2,400	.....	.....	71,028	.....	.....	8,977	(*)	6,545	1,801	30	742	91,951	3,119	31,239
1,130	Wilmington.....	2,129	.....	.....	67,682	.....	.....	7,667	(*)	1,927	2,634	742	742	74,229	.....	.....
1,130	Winston-Salem.....	3,407	10,100	.....	64,999	.....	.....	4,400	4,012	3,214	4,322	1,818	96,102	32,020	9,625	.....
4,430	North Dakota:	5,787	10,498	12,786	75,770	2,082	4,265	10,883	14,521	19,069	6,083	1,062	4,258	173,184	131,637	11,340
2,260	Fargo.....	3,778	.....	.....	84,381	2,815	4,436	9,477	9,621	7,577	7,723	791	4,258	130,829	.....	5,620
3,960	Ohio:	5,179	1,340	20,859	108,376	10,427	4,505	14,983	12,803	8,224	4,411	4,572	380	210,277	46,739	20,300
450	Alliance.....	2,960	.....	.....	56,960	250	960	7,535	3,065	3,784	4,635	0,200	1,080	69,420	.....	.....
.....	Cambridge.....	4,380	8,650	6,700	49,775	2,940	2,180	12,085	3,801	(*)	6,068	1,838	127	137,002	30,659	12,441
.....	Chillicothe.....	3,891	3,744	3,375	96,749	1,221	1,161	12,151	13,068	6,069	7,428	1,132	1,493	92,964	33,959	92,979
.....	East Liverpool.....	2,960	.....	.....	78,553	1,221	691	6,936	4,700	3,100	7,428	1,493	92,964	33,959	92,979	
.....	Euclid.....	2,960	.....	.....	53,860	1,226	691	6,936	4,700	3,100	7,428	1,493	92,964	33,959	92,979	
.....	Findlay.....	2,960	.....	.....	49,553	1,226	691	6,936	4,700	3,100	7,428	1,493	92,964	33,959	92,979	
.....	Lancaster.....	2,960	.....	.....	186,340	6,959	2,000	17,201	11,300	7,426	17,352	17,352	69,063	540	47,354	
.....	Lorain.....	4,976	.....	.....	63,895	2,227	1,074	7,020	2,600	2,050	12,372	8,622	304,701	440,068	18,640	
.....	London.....	4,640	0,941	15,048	128,780	12,580	5,787	16,269	15,894	4,144	1,000	580	85,005	270,000	30,000	
.....	Mansfield.....	5,403	.....	.....	90,665	60	161	13,658	5,908	4,144	2,560	358	234,039	11,074	56,042	
.....	Marion.....	4,097	.....	.....	80,665	246	1,550	10,869	2,702	2,257	4,563	1,602	281	11,703	23,910	33,619
.....	Marion.....	3,720	1,328	3,833	57,178	780	1,374	13,658	5,908	4,144	2,560	358	234,039	11,074	56,042	
.....	Massillon.....	4,697	5,380	11,800	67,771	5,080	3,120	18,084	11,923	4,791	11,123	1,719	478	143,430	1,248	5,394
.....	Middletown.....	3,625	2,800	4,760	57,534	732	3,983	10,213	10,142	(*)	5,901	731	1,000	120,068	40,538	99,943
.....	Newark.....	4,820	10,078	15,298	81,081	393	4,474	11,591	9,952	4,355	7,013	1,175	316	148,200	4,877	68,367

\* Included in column II. \* Included in column I. \* Including water, light, power, and janitors' supplies.



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.	Fixed charges, repairs, etc.	Outlay—capital acquisition and construction.	Expenditures of debt service.	
	Busi-ness.	Educa-tional.	Day schools.			Night schools total.	Wages of janitors and other employees.	Fuel.	Water, light, power, janitors' supplies, etc.	Main-tenance—repairs, re-placement of equipment, etc.	Ex-penses of auxiliary ac-cen-tions.	Fixed charges, repairs, etc.	Total current expenses.	Outlay—capital acquisition and construction.					Expenditures of debt service.
			Salaries and ex-penses of in-structors.	Salaries of teachers.	Text-books.														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
<b>Ohio—Continued.</b>																			
Columbus	82,738	84,321	82,875	89,775	89,619	\$2,811	\$5,794	\$870	\$12,334	\$9,736	\$2,291	\$6,175	\$8,412	\$3,963	\$132,797	\$110,334	\$59,443		
Dayton	650	3,160	1,850	2,650	47,315	7,745	2,892	830	7,138	8,622	383	3,108	1,215	810	52,500	50,500	8,204		
Findlay	2,311	3,820	3,500	4,466	84,283	3,488	3,350	.....	8,400	3,813	.....	2,081	1,272	802	110,493	18,045	29,071		
Hamilton	1,079	3,500	.....	.....	72,177	2,083	816	.....	4,860	5,438	641	11,118	1,200	2,014	109,828	64,882	64,479		
London	794	2,455	.....	5,275	32,515	.....	.....	.....	12,760	3,500	9,380	14,845	1,002	.....	107,977	58,540	11,100		
Warren	2,476	4,320	.....	13,300	114,898	476	16,940	4,540	15,378	8,000	(9)	5,550	20,106	1,468	157,939	.....	96,626		
Zanesville	1,900	3,700	.....	.....	92,972	1,800	1,005	.....	15,378	8,000	.....	5,550	20,106	1,468	157,939	.....	61,751		
<b>Oklahoma.</b>																			
Chickasha	530	2,400	3,862	5,066	46,650	1,428	359	.....	4,837	1,425	908	3,290	563	646	69,502	90,827	10,000		
Claremore	961	1,500	2,802	4,800	24,917	1,428	256	.....	2,652	1,960	348	1,578	367	373	37,500	37,500	10,000		
Claremore	463	1,800	2,802	4,800	36,038	1,428	256	.....	4,815	2,307	2,309	1,252	367	373	50,288	50,288	10,000		
Mustoge	4,432	6,757	5,043	10,059	105,498	241	10,051	.....	11,814	1,907	2,440	3,370	3,788	6,494	179,943	2,478	71,165		
Shawnee	448	3,128	787	9,158	62,692	130	2,195	.....	5,012	2,083	5,181	2,259	382	1,037	85,439	60,000	199,340		
Tulsa	9,337	8,117	11,665	28,861	264,063	146	9,359	2,126	22,207	11,132	7,869	2,744	3,240	11,272	392,368	662,213	63,700		
Okmulgee	.....	4,000	.....	.....	108,000	.....	4,500	.....	6,216	4,200	1,700	3,074	1,000	1,316	134,015	10,550	71,203		
<b>Pennsylvania.</b>																			
Beaver Falls	1,268	4,239	.....	1,200	50,715	1,114	4,110	.....	6,280	3,328	2,156	2,606	6,205	3,575	85,826	303	44,008		
Beaver Falls	1,466	2,111	.....	1,200	10,690	633	2,266	.....	1,800	1,824	760	713	440	128	32,702	9,910	9,910		
Bradford	6,866	2,867	6,031	6,031	61,357	1,444	10,820	755	8,745	6,400	2,006	8,162	440	128	116,015	294	14,633		
Bradford	3,853	3,641	2,115	7,362	44,626	1,785	4,969	325	5,650	6,462	1,623	2,037	6,104	1,516	61,968	1,142	16,567		
Butler	1,206	4,068	7,172	7,172	72,050	1,785	4,969	325	7,816	10,508	5,793	14,968	750	1,680	126,511	206,436	18,567		







STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

Washington.....	3,277	2,524	2,024	1,676	2,998	1,852	1,252	2,981	2,301	2,412	3,182	553	98,755	41,791	14,327
Aberdeen.....	3,952	5,178	2,520	1,619	3,338	1,852	13,704	4,021	4,477	22,111	2,774	2,774	28,284	11,791	34,284
Baltimore.....	2,797	4,016	3,957	2,471	4,867	304	13,342	8,948	5,572	5,278	2,937	6,175	243,631	13,522	29,601
Walla Walla.....	2,099	4,268	2,099	2,471	4,867	304	9,074	3,094	2,073	2,013	561	1,041	157,080	3,400	29,601
Walla Walla.....	2,226	4,268	2,099	2,471	4,867	304	9,074	3,094	2,073	2,013	561	1,041	157,080	3,400	29,601
West Virginia.....	268	3,620	2,250	5,025	1,486	150	4,305	3,770	2,055	1,914	349	42	71,803	22,185	466
Charfield.....	1,578	5,267	6,237	11,475	3,838	515	12,621	1,019	3,444	3,444	6,968	8,048	203,677	129,271	68,160
Chattanooga.....	869	1,774	4,434	13,019	7,913	2,875	2,650	1,908	1,019	1,357	251	32	37,481	1,682	7,425
Washington.....	3,843	4,100	4,434	13,019	7,913	2,875	12,057	8,823	6,772	10,067	6,053	1,428	201,797	81,204	29,250
Wisconsin.....	230	1,676	1,676	385	8,710	2,363	10,157	10,721	6,606	14,351	972	3,567	161,663	2,204	9,688
Appleton.....	1,632	4,800	4,732	2,370	4,909	1,821	7,253	6,281	4,581	4,581	297	3,567	132,755	102,755	28,012
Ashland.....	1,632	4,800	4,732	2,370	4,909	1,821	7,253	6,281	4,581	4,581	297	3,567	132,755	102,755	28,012
Beloit.....	2,361	3,271	3,169	1,614	3,115	1,924	8,408	10,843	3,231	6,385	5,117	1,703	144,426	61,014	18,959
East Troy.....	648	4,007	4,007	2,117	7,238	3,483	7,980	6,924	3,573	4,932	1,811	1,692	112,626	4,644	18,959
Fond du Lac.....	3,017	4,007	4,007	2,117	7,238	3,483	7,980	6,924	3,573	4,932	1,811	1,692	112,626	4,644	18,959
Green Bay.....	303	4,200	4,010	12,153	49,926	2,189	7,956	6,445	2,081	3,147	851	4,821	104,040	7,624	32,236
Janesville.....	2,184	6,854	3,078	18,341	132,901	2,189	19,518	15,161	5,007	8,254	4,827	5,713	237,220	50,813	41,111
Kenosha.....	2,147	6,854	3,078	18,341	132,901	2,189	19,518	15,161	5,007	8,254	4,827	5,713	237,220	50,813	41,111
Madison.....	1,094	4,000	7,023	10,091	56,038	1,013	6,968	8,248	2,334	6,410	1,812	1,610	114,516	55,573	29,820
Manitowoc.....	454	4,985	2,000	3,270	50,818	619	6,608	6,353	2,334	5,982	1,570	1,233	91,314	81,604	2,660
Marquette.....	1,045	4,785	6,412	17,161	106,682	2,392	6,608	6,353	2,334	5,982	1,570	1,233	91,314	81,604	2,660
Sheboygan.....	329	4,785	4,785	1,237	5,027	1,684	9,334	12,643	7,677	2,111	730	2,550	131,710	57,717	354
Wisconsin.....	1,091	1,704	3,205	8,676	2,865	1,343	5,955	3,871	1,129	7,155	631	1,035	93,678	14,828	3,620
Weyburn.....	1,091	1,704	3,205	8,676	2,865	1,343	5,955	3,871	1,129	7,155	631	1,035	93,678	14,828	3,620
Weyburn.....	1,091	1,704	3,205	8,676	2,865	1,343	5,955	3,871	1,129	7,155	631	1,035	93,678	14,828	3,620

Statistics of 1913-16. 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 grades in junior high schools).	Secondary (high).	Other schools.	Total.	Total.	Kindergarten.	Elementary (including elementary high schools).	Secondary (high).	Vocational.	Other schools.	Total.	Elementary (including kindergarten and elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.						
Alabama:																							
Birmingham.....	1,800	14,824	15,604	2,200	34,428	111,981	838,550	85,466	\$44,396	\$102,034	\$53,351	\$11,143	\$696				\$11,839						
California:																							
Los Angeles.....	80,938	9,219	292,000	83,500	465,657	1,171,890	1,782,198	1,350,035	3,399,174	87,427	74,290	3,399,174	87,427	74,290			161,726						
Oakland.....	22,407	5,310	78,892	25,923	132,532	171,563	104,824	42,183	325,814	32,731	22,510	32,731	22,510				55,280						
San Francisco.....	15,604	2,200	151,523	15,900	184,227	171,563	1,407,143	322,012	\$6,120	1,754,445	\$493	28,060	8,816				37,489						
Colorado:																							
Denver.....	1,800	14,824	94,400	26,115	1,025	121,540	64,935	822,636	320,318	\$2,531	1,225,177	53,432	10,860	\$3,119	1,295		98,735						
Connecticut:																							
Bridgport.....	26,200	28,200	39,825	7,175	6,825	53,925	16,925	338,840	86,790	11,991	545,697	23,332	3,189	6,350	1,836		35,003						
New Haven.....	1,350	38,176	64,100	1,800	2,800	71,790	36,150	492,185	165,599	32,139	611,867	40,786	18,217	10,218			69,201						
Westville dist.....	190	2,800	2,975			2,975	2,000	16,150			18,500	2,770					2,770						
Dist. of Columbia:																							
Washington.....	(1)	35,200	70,622	31,243	10,731	112,596	(+)	1,284,056	588,363	20,539	49,580	1,923,458	176,317	8,407	193	1,043	185,960						
Georgia:																							
Atlanta.....	(+)	(+)	6,600	4,800	11,400	47,030	69,425	105,575			632,330	1,974	1,000	20,000			12,974						
Illinois:																							
Chicago.....	38,865	8,080	925,246	103,008	318,1,049,472	6,407,984	2,220,033	156,862	10,874,909	198,047	109,761	32,511	340,319				57,285						
Indiana:																							
Indianapolis.....	62,850	1,200	81,381	13,410	2,000	96,991	708,266	314,370	31,407	350	1,118,402	42,158	0,450	5,677			44,115						
Iowa:																							
Des Moines.....	1,190	28,783	61,777	19,741	5,511	87,020	22,808	414,271	155,915	8,880	20,873	30,056	0,654	2,568	1,803		34,115						
Kentucky:																							
Louisville.....	1,190	28,783	61,777	19,741	5,511	87,020	22,808	414,271	155,915	8,880	20,873	30,056	0,654	2,568	1,803		34,115						

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	City	1917-18	1916-17	(1)	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
Louisiana	New Orleans	4,776	3,000		108,332	6,111	3,626	116,122	116,750	854,182	113,663	114,296	21,338	1,029,439	63,901	5,705	1,837	1,261	51,840		51,840
New Orleans		63,107	15,025	2,331	131,946	18,319	8,465	318,032	318,032	2,708,055	1,081,182	61,866	13,377	1,620,760	38,407	26,242		1,261	83,830		83,830
Maryland	Baltimore	1,178	3,500	2,448	7,063	9,724	3,860	50,014	50,014	397,514	150,487	4,842	18,103	348,053	12,241	18,513	2,287		276,866		276,866
Baltimore		9,968	1,983	10,000	11,961	23,100	3,600	29,650	29,650	357,924	84,878	17,895	102,013	410,369	22,619	10,621			33,041		33,041
Massachusetts	Boston	5,420	1,387		67,650	12,600	165	80,415	80,415	347,701	230,453	3,356		781,710	28,029	10,354	8,788		12,162		12,162
Boston		4,808	38,975	5,300	241,766	82,187	12,763	348,716	348,716	1,998,568	151,328	34,405	133,638	3,032,900	100,000	22,229			131,692		131,692
Massachusetts	Cambridge	2,000	18,109		61,416	12,284		74,700	74,700	43,175	132,862		23,510	682,735	29,880	7,513			38,717		38,717
Cambridge		18,308	15,834	27,385	128,834	27,385	4,052	158,081	158,081	1,300,045	535,732	39,973	1,439,835	97,700	40,942				108,431		108,431
Massachusetts	Fall River	1,440	24,886		77,383	18,375	1,110	96,968	96,968	527,351	228,791		1,439,835	18,280	9,413				25,792		25,792
Fall River		3,025	25,029	28,296	100,000	28,296		128,307	128,307	915,922	402,770	13,707	1,356,822	67,888	20,191				913		913
Massachusetts	Worcester	3,138	66,873	1,712	267,028	41,925	10,560	319,513	319,513	1,821,926	689,778	152,649	2,832,430	136,020	45,035				11,839		11,839
Worcester		14,280	2,555		87,516	28,816	1,830	116,162	116,162	689,924	248,062		3,330	891,851	13,891	30,158			73		73
Massachusetts	Worcester	16,856	41,190		14,960	103,602		118,561	118,561	430,418	367,537		51,861	1,325,819	37,281	21,451			1,326		1,326
Worcester		3,730	6,700	2,900	180,850	28,068	31,070	220,018	220,018	1,508,776	513,588	26,230	2,137,310	115,461	41,328	5,022			3,990		3,990
Massachusetts	Worcester	11,466	796		39,336	5,894	2,177	47,219	47,219	240,072	77,637	8,796	6,947	351,153	17,745	5,789	7,728		1,835		1,835
Worcester		26,306	33		111,866	19,890	10,070	174,764	174,764	1,442,700	355,418	50,561	43,871	1,872,901	81,481	10,828	30,378		2,328		2,328
Massachusetts	Worcester	30,631	2,539	5,016	52,016	19,123	9,252	110,410	110,410	24,010,324	949,247	107,317	668,291	841,466	1,081,477	370,201	43,312	21,221	300,351		300,351
Worcester		9,484	17,442		38,266	12,361		70,639	70,639	376,921	125,630		502,571	37,883	1,891				1,002		1,002
Ohio	Cincinnati	11,000	8,655		169,823	45,159	9,317	271,822	271,822	1,177,715	2,229,948	739,402	288,371	3,306,438	185,515	13,600			21,301		21,301
Cincinnati		12,901	704		80,035	14,202	6,650	100,247	100,247	3,380	665,705	11,129	9,572	973,260	24,412	1,307	3,000		1,378		1,378
Ohio	Cincinnati	8,655	6,410		38,050	10,170	5,800	53,248	53,248	18,000	49,819	15,681	189,876	19,169	21,109	8,154			50,016		50,016
Cincinnati		12,901	704		54,336	15,739	2,678	72,753	72,753	380,358	12,230		743,928	26,387	18,436			1,121	45,946		45,946
Ohio	Cincinnati	12,901	704		92,232	21,024	10,248	126,324	126,324	631,381	319,330	63,988	29,718	1,383,940	21,500	11,000	9,308	1,932	14,400		14,400
Cincinnati		57,131	3,391		602,278	80,137	11,964	691,382	691,382	4,329,188	1,237,712	73,117	79,345	5,691,562	380,112	71,326	5,132	4,011	162,621		162,621
Ohio	Cincinnati	11,000	8,655		249,771	41,824	10,363	301,595	301,595	1,982,420	637,202	17,833	21,603	2,160,342	113,349	66,156	2,634	8,089	190,179		190,179
Cincinnati		11,000	8,655		55,288	10,637		65,925	65,925	330,100	98,871	6,888	1,680	351,411	33,059	11,673	4,667	82	32,545		32,545
Ohio	Cincinnati	1,283	29,397	2,601	11,807	20,503		32,312	32,312	636,743	218,012	2,323	25,476	631,450	55,602	22,203	168	2,216	60,191		60,191
Cincinnati		11,000	8,655		38,580	2,963	1,150	40,728	40,728	222,403	68,051		4,270	330,367	4,470	1,025			21,217		21,217
Ohio	Cincinnati	502	15,633	1,363	18,230	48,440	7,092	3,216	38,737	13,612	462,379	87,702	1,602	16,176	361,861	17,470	4,333	633	4,732		4,732
Cincinnati		1,283	29,397	2,601	11,807	20,503		32,312	32,312	636,743	218,012	2,323	25,476	631,450	55,602	22,203	168	2,216	60,191		60,191
Ohio	Cincinnati	8,618	962		9,597	38,580	2,963	1,150	40,728	222,403	68,051		4,270	330,367	4,470	1,025			21,217		21,217
Cincinnati		502	15,633	1,363	18,230	48,440	7,092	3,216	38,737	13,612	462,379	87,702	1,602	16,176	361,861	17,470	4,333	633	4,732		4,732

Statistics of 1915-16. In column 16. In column 12. In column 3. Not including Westville district.



TABLE 97.—Expenses of instruction, 1917-18.—Continued.  
GROUP I.—CITIES OF 100,000 POPULATION AND OVER.—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).		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.		
	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
Washington:																											
Seattle:																											
Spokane:																											
Winnipeg:																											
Milwaukee:																											
Alabama:																											
Mobile:																											
Montgomery:																											
Arkansas:																											
Little Rock:																											
California:																											
Berkeley:																											
Pasadena:																											
San Antonio:																											
San Diego:																											

GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

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).		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.		
	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
Alabama:																											
Mobile:																											
Montgomery:																											
Arkansas:																											
Little Rock:																											
California:																											
Berkeley:																											
Pasadena:																											
San Antonio:																											
San Diego:																											

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	District No. 1	6,498	1,135	7,633	10,572	3,408	14,838	68,571	28,911	3,601	109,545	7,087	4,632	11,010
Colorado:	Pueblo (District No. 1).....	6,498	1,135	7,633	10,572	3,408	14,838	68,571	28,911	3,601	109,545	7,087	4,632	11,010
Connecticut:	Hartford.....	34,315	18,038	52,353	70,396	22,800	93,194	445,232	152,032	2,800	602,864	47,240	9,684	66,924
Delaware:	New Britain.....	6,864	3,728	10,592	14,320	4,872	19,192	92,745	46,201	2,800	134,646	5,428	3,472	8,902
Florida:	Wausonville.....	12,010	2,800	14,810	17,610	5,010	22,620	111,106	46,201	2,800	150,306	4,004	39,712	26,680
Georgia:	Wilmington.....	4,825	1,175	6,000	7,175	2,000	9,175	312,854	34,800	2,800	377,224	2,370	1,007	29,377
Illinois:	Jacksonville.....	1,175	1,175	2,350	3,525	1,175	4,700	169,866	29,900	2,800	198,771	.....	.....	21,905
Indiana:	Chicago.....	3,475	3,600	7,075	10,675	3,600	14,275	191,040	7,600	.....	198,640	.....	.....	.....
Iowa:	Des Moines.....	3,700	3,700	7,400	11,100	3,700	14,800	89,644	38,000	1,300	141,744	1,555	1,523	3,888
Kansas:	Topeka.....	4,775	312	5,087	5,399	3,710	9,107	138,911	37,235	.....	171,616	20,285	5,306	25,653
Kentucky:	Covington.....	4,478	4,478	8,956	13,434	4,478	17,912	82,858	47,847	.....	130,705	12,812	3,298	16,070
Massachusetts:	Boston.....	9,857	6,346	16,203	22,549	8,066	30,615	170,702	59,112	.....	229,814	9,063	2,839	9,902
Michigan:	Lansing.....	2,000	2,000	4,000	6,000	2,000	8,000	173,023	77,833	.....	250,856	1,801	4,086	9,466
Minnesota:	St. Paul.....	10,861	10,861	21,722	32,583	10,861	43,443	196,572	77,833	.....	274,405	1,801	4,086	9,466
Missouri:	St. Louis.....	8,468	8,468	16,936	25,404	8,468	33,872	102,771	19,880	.....	122,651	0,983	2,069	5,477
Nebraska:	Omaha.....	8,468	8,468	16,936	25,404	8,468	33,872	173,749	76,040	.....	249,789	12,883	2,927	7,046
North Carolina:	Raleigh.....	7,468	7,468	14,936	22,404	7,468	29,872	202,728	39,383	.....	242,111	13,312	1,411	14,892
Ohio:	Cincinnati.....	9,650	9,650	19,300	28,950	9,650	38,600	257,889	68,838	.....	326,727	9,658	4,778	15,010
Oklahoma:	Oklahoma City.....	14,019	14,019	28,038	42,057	14,019	56,076	148,394	66,047	.....	214,441	2,514	808	14,834
Oregon:	Portland.....	20,719	20,719	41,438	62,157	20,719	82,876	241,547	86,246	.....	327,803	2,054	1,000	9,325
Texas:	Dallas.....	7,976	7,976	15,952	23,928	7,976	31,904	185,610	40,871	.....	226,481	9,959	3,804	2,045
Virginia:	Richmond.....	8,199	8,199	16,398	24,597	8,199	32,796	148,394	66,047	.....	214,441	2,514	808	14,834
Washington:	Seattle.....	13,460	13,460	26,920	40,380	13,460	53,840	184,870	49,614	.....	234,484	14,474	8,963	23,440
Wisconsin:	Madison.....	14,539	14,539	29,078	43,617	14,539	58,156	228,047	70,014	.....	298,061	11,862	8,149	20,002
West Virginia:	Charleston.....	4,018	4,018	8,036	12,054	4,018	16,072	57,337	8,700	.....	66,037	10,581	4,596	15,157
Wyoming:	Cheyenne.....	4,478	4,478	8,956	13,434	4,478	17,912	102,771	19,880	.....	122,651	0,983	2,069	5,477

Statistics taken from report of State office for year 1918-17.

Included in column 18.



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).	Other schools.	Total.	Total.	Kindergarten.	Elementary (including elementary high schools).	Secondary (high).	Other 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.		
Massachusetts—Continued.																							
Holyoke.....	\$7,766	4,979	1,500	968	\$7,834	\$24,055	\$4,027	\$27,769			\$40,831	\$12,982	\$151,055	\$73,805	\$8,921	\$167	\$227,000	\$8,035	\$4,554	\$2,649		\$15,238	
Lawrence.....	4,979	5,063	3,390	390	13,822	24,028	7,102	31,130			31,728	242,287	242,287	321,128	119,587	1,928	335,370	7,276	2,058			15,075	
Lynn.....	5,188	3,990	3,320	8175	13,313	24,897	3,818	30,715			24,897	119,587	119,587	55,998	2,948	175,585	9,640	2,998				1,447	
Malden.....	14,728	9,753	545	563	15,893	40,505	4,069	44,565			44,565	8,873	300,247	68,472	3,648	389,238	14,818	1,904	5,131	\$303		17,025	
Newton.....	\$572	1,040	668		1,680	6,832	18,737	4,228			22,963	6,900	136,591	17,329	3,648	180,720	12,832	5,773		269		24,055	
Pittsfield.....	7,986	4,520	3,390		15,896	12,210	3,360	4,200			19,770	2,195	122,072	38,871	11,427	180,720	8,227	2,057				12,144	
Quincy.....	4,520	2,753	832		8,105	22,027	3,941	25,968			25,968	2,195	82,224	38,183		122,072	8,227	2,057				10,284	
Spencerville.....	2,753	2,753			5,506	26,408	5,939	32,347			38,314	5,345	232,994	97,372	12,248	349,767	13,798	11,982	1,412	11		29,061	
Waltham.....	2,650	2,650	291		5,591	49,312	15,963	65,275			81,237	36,164	453,202	211,376	11,288	712,239	52,281	24,269	2,920			79,480	
Worcester.....	19,000	3,018			22,018	21,000	0	42,018			8,354	119,120	28,088	119,120		145,827	4,701	4,144				8,945	
Worcester—East side.....	19,000	3,018			22,018	21,000	0	42,018			8,354	119,120	28,088	119,120		145,827	4,701	4,144				8,945	
Worcester—West side.....	3,018				3,018	15,000	3,130	18,148			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—North side.....						15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—South side.....						15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845	167,500	54,500		222,000	8,300	4,700				13,000	
Worcester—Total.....	3,018				3,018	15,000	3,130	18,130			18,148	8,845											

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

	4,000	2,419	6,134	3,423	1,700	1,700	5,824	2,124	12,820	7,276	1,188	78,469	3,115	1,730	2,966	8,181
West side.....	1,750	2,419	19,923	40,237	6,547	1,700	1,700	19,904	325,063	77,297	1,188	129,620	21,071	1,730	2,966	8,181
Minnesota.....	15,754	2,419	2,475	17,900	2,001	1,700	1,700	19,991	62,083	14,336		76,410	9,994	1,434	39,377	
Duluth.....	3,566	171	3,965	2,067	4,083	1,700	1,700	6,150	202,556	82,461	(*)	286,037	14,851	4,711	11,428	
Wisconsin.....	5,580		5,580	3,220	3,220	1,700	1,700	3,220	84,968	34,968		119,225	9,161	3,569	19,562	
Illinois.....	1,000	300	10,341	31,022	4,704	1,700	1,700	35,726	304,628	71,342		385,570	24,358	21,685	46,041	
North Carolina.....	12,088		12,088	17,864	4,066	1,700	1,700	21,930								
Ohio.....	7,370		7,370	27,723	3,406	1,700	1,700	31,122	124,510	47,928		172,438	3,893	10,002	20,765	
Michigan.....	11,207		11,207	32,561	3,417	1,700	1,700	65,758	325,358	63,944	13,180	402,453	28,316	3,969	1,799	32,314
Indiana.....	13,820		13,820	37,830	3,420	1,700	1,700	41,250	309,570	49,711		359,500	14,450	8,019	43,069	
California.....	7,078		7,078	20,055	5,789	1,700	1,700	30,852	171,770	59,088		253,270	11,824	5,720	24,244	
Alabama.....	19,671		19,671	33,629	4,839	1,700	1,700	38,268	185,652	50,088		265,740	11,824	5,720	24,244	
Georgia.....	2,309		2,309	24,867	4,242	1,700	1,700	29,109	284,612	50,154		365,209	21,207	13,180	29,231	
Florida.....	13,969		13,969	26,380	6,160	1,700	1,700	32,540	284,612	50,154		365,209	21,207	13,180	29,231	
Arizona.....	1,300		1,300	9,750	42,600	1,700	1,700	12,350	126,971	28,378		165,046	13,910	1,831	23,110	
Idaho.....	12,000		12,000	38,689	4,700	1,700	1,700	42,889	338,521	126,448	(*)	464,969	31,512	5,566	15,781	
Montana.....	5,528		5,528	14,846	2,600	1,700	1,700	17,446	124,840	29,840	1,025	181,923	10,556	5,736	16,403	
Wyoming.....	2,100		2,100	11,405	2,514	1,800	1,800	15,699	81,771	16,297	3,381	81,975	3,005	1,158	4,894	
Nebraska.....	5,529		5,529	10,253	4,251	1,800	1,800	17,690	81,772	35,992	5,328	124,283	5,002	1,258	7,100	
Oklahoma.....	4,520		4,520	19,283	3,289	1,800	1,800	24,364	172,704	50,216	5,314	228,224	3,531	894	5,948	
Arkansas.....	4,520		4,520	12,968	1,163	1,800	1,800	20,000	104,240	40,036	10,340	154,766	5,429	684	7,212	
Louisiana.....	8,721		8,721	19,569	6,837	1,800	1,800	26,541	101,078	41,335	4,022	148,363	8,315	4,625	13,931	
Texas.....	5,296		5,296	16,710	3,672	1,800	1,800	20,362	120,897	38,201	13,174	148,557	10,913	5,314	18,994	
Virginia.....	15,625		15,625	35,710	3,550	1,800	1,800	39,915	310,794	85,927	2,060	398,781	10,704	1,826	10,537	
Troy.....	8,418	1,000	10,770	16,103	3,577	1,800	1,800	19,770	133,390	31,712	10,330	175,472	19,300	297	1,320	20,928
Union District.....	2,319	968	3,287	3,285	4,292	1,247	1,247	5,874	32,886	9,074	877	42,837	1,698	1,316	3,242	
Langstonburg District.....	8,806		8,806	27,460	4,418	1,800	1,800	31,878	278,780	64,069		340,840	6,280	1,403	7,743	
Utica.....	7,177	5,453	12,630	47,161	6,410	6,298	6,298	59,869	432,052	116,758	26,034	578,802	23,072	7,107	33,562	
North Carolina.....	1,654		1,654	9,200	1,550	1,550	1,550	10,750	62,588	17,430		80,028	4,262	1,370	5,63	
Charlotte.....	7,097		7,097	27,706	8,100	750	750	46,556	391,141	148,738		568,754	22,412	13,224	35,636	
Asheboro.....	6,681		6,681	24,404	6,148	1,500	1,500	30,500	210,106	73,940		284,035	11,690	6,295	17,985	
Hamilton.....	10,300		10,300	28,850	2,010	1,500	1,500	13,464	86,451	22,960		113,733	8,683	1,298	6,968	
Springfield.....	6,881		6,881	28,349	6,750	1,500	1,500	43,099	359,548	118,527		512,925	14,781	18,850	30,331	
Greensboro.....	1,200		1,200	23,813	3,710	1,500	1,500	27,523	206,404	73,955		287,369	5,780	3,372	9,153	
Oklahoma.....	7,553		7,553	1,623	2,535	1,500	1,500	4,058	206,416	62,500		268,916	27,052	6,298	33,278	
Pennsylvania.....	6,721	450	6,721	16,268	3,720	1,500	1,500	18,988	138,287	44,902	2,465	188,774	23,401	5,720	26,121	
Alabama.....																

\* Included in column 12.

\* Statistics of 1918-19.

\* Included in column 12.

TABLE 92.—Expenses of instruction, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Continued.

Cities	Salaries and expenses of supervisors.						Salaries and expenses of principals.						Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.						
	10	9	8	7	6	Total	10	9	8	7	6	Total	11	12	13	14	15	16	17	18	19	20	21	Total	
Pennsylvania—																									
Continued.																									
Philadelphia	85,246	82,634	6,519	15,483	12,341	12,341	7,346	1,438	83,518	10,042	1,925	31,252	89,145	101,348	36,087	46,400	700	289,017	16,006	20,131	10,167	557	33	18,303	19,479
Quebec	8,988	27,661	9,015	27,661	8,988	8,988	27,661	9,015	27,661	8,988	27,661	8,988	27,661	172,638	71,192	18,477	6,887	289,017	16,006	20,131	10,167	557	33	18,303	19,479
Warrenburg	6,950	14,438	25,832	9,350	3,100	3,100	6,950	2,110	11,460	11,460	2,110	11,460	11,460	81,042	21,079	3,908	11,234	271,064	11,169	11,169	3,086	208	4,379	49,821	49,821
Honolulu	12,800	2,178	3,100	15,904	3,100	3,100	12,800	3,613	29,565	19,319	21,095	29,565	19,319	72,175	35,450	3,563	1,992	232,079	19,387	9,340	7,878	243	36,706	36,706	
Johnstown	8,809	19,006	4,744	19,006	8,809	8,809	19,006	4,744	23,796	23,796	4,744	23,796	23,796	111,532	57,823	1,558	2,978	171,337	15,909	9,679	1,772	172	25,780	25,780	
Rocky Mount	3,886	11,170	2,711	11,170	3,886	3,886	11,170	2,711	17,887	106,859	33,267	17,887	106,859	242,835	53,267	8,294	2,978	301,441	16,091	10,028	819	519	26,967	26,967	
New Castle	14,269	1,322	3,200	1,322	14,269	14,269	1,322	3,200	16,970	16,970	3,200	16,970	16,970	144,176	9,746	8,294	8,294	193,475	27,074	3,823	122	31,216	31,216		
Williamsport	3,744	1,088	2,827	14,076	3,744	3,744	1,088	2,827	16,970	16,970	3,200	16,970	16,970	101,831	24,137	6,688	4,260	137,046	4,124	4,757	306	1,043	20,229	20,229	
Y. et. c.	4,000	1,800	2,385	14,076	4,000	4,000	1,800	2,385	2,385	2,385	2,385	2,385	2,385	101,831	24,137	6,688	4,260	137,046	4,124	4,757	306	1,043	20,229	20,229	
Islands—																									
Pawtucket	4,833	1,747	25,162	25,162	4,833	4,833	1,747	3,073	28,235	149,907	41,779	28,235	149,907	149,907	17,057	2,085	2,085	198,087	11,756	4,767	998	16,523	16,523		
Worcester	4,833	257	2,150	2,150	4,833	4,833	257	515	89,545	89,545	17,057	89,545	89,545	89,545	17,057	2,085	2,085	108,687	4,635	2,033	322	7,693	7,693		
North Carolina—																									
Charlotte	2,927	259	14,103	14,103	2,927	2,927	259	2,206	16,309	16,309	15,353	16,309	16,309	77,732	15,353	2,085	2,085	93,135	2,462	322	982	3,784	3,784		
Tennessee—																									
Chattanooga	12,072	10,033	19,805	19,805	12,072	12,072	10,033	2,445	22,250	94,136	19,207	22,250	94,136	94,136	19,207	2,445	2,445	112,343	2,116	982	982	3,093	3,093		
Knoxville	5,510	28,652	28,652	28,652	5,510	5,510	28,652	4,281	32,963	131,418	39,407	32,963	131,418	131,418	39,407	4,281	4,281	173,248	2,922	401	401	3,322	3,322		



Texas:	9,808	68,122	351,047	148,551	511,408	19,100	3,590	22,000
Dallas.....	6,155	23,799	209,017	46,510	290,044	10,405	1,300	1,188
El Paso.....	4,890	36,085	203,792	70,785	204,577	7,089	179	1,480
Fort Worth.....	6,269	16,450	88,581	20,781	109,302	4,494	4,387	8,871
Galveston.....	20,230	68,176	188,255	152,165	350,650	3,538	5,320	9,858
Houston.....	7,466	61,085	357,419	143,855	487,763	16,273	20,532	27,807
San Antonio.....	21,840	76,533	540,759	125,564	666,303	17,297	1,872	19,169
Utah:	1,550	9,600	222,765	44,130	266,895	121,000	308	1,543
Salt Lake City.....	13,262	14,627	64,258	15,861	84,579	371	214	371
Virginia:	10,467	42,627	297,189	129,127	431,791	17,832	15,398	33,284
Richmond.....	11,588	450	71,944	47,240	119,184	4,000	3,240	7,432
West Virginia:	3,628	18,156	148,004	33,807	182,411	2,285	1,063	3,288
Huntington.....	6,042	15,664	70,208	31,204	106,678	5,818	5,027	569
Wisconsin:	13,704	15,664	65,675	32,237	108,933	3,202	3,378	7,789
La Crosse.....	7,343	27,173	125,050	44,690	196,817	3,150	4,001	8,916
Madison.....	8,878	4,296	102,101	57,507	159,008	1,615	1,615	36,651
Superior.....	5,000							

GROUP III.—CITIES OF 10,000 TO 30,000 POPULATION.

Alabama:	\$1,620	\$4,567	\$19,218	\$4,050	\$23,260	\$60	\$100	\$251
Anniston.....	900	3,375	20,467	10,875	37,392	1,031	204	1,835
Bessemer.....	720	2,625	18,287	4,285	22,552	478	140	478
Gadsden.....	1,000	6,010	17,773	8,400	26,173	858	140	998
Arizona:	4,830	3,750	98,818	13,350	98,818	2,802	200	2,802
Phoenix.....	1,500	5,000	48,300	13,350	61,680	1,300	200	1,400
Prescott.....	2,000	14,760	61,812	27,473	90,285	1,727	1,000	3,336
California:	11,000	10,084	80,438	20,700	71,125	24	30	40
East Bay.....	1,218	8,040	30,000	7,000	17,000	5,000	700	6,400
East San Jose.....	1,319	10,084	29,828	21,825	51,384	5,000	700	6,400
North Little Rock.....	1,000	16,066	109,475	41,481	155,339	5,075	3,417	8,492
Pine Bluff.....	11,000	6,898	48,300	32,260	90,300	981	7,240	8,201
Alabama:	5,200	12,440	39,678	28,086	67,764	2,354	4,261	6,615
Bakersfield.....	5,403	40,987	182,535	80,236	262,061	14,401	7,514	21,915
California:	14,008	19,083	150,436	102,845	258,549	13,440	6,650	20,105
Fresno.....	2,800	11,580	36,272	74,134	118,721	6,020	4,070	10,090
Long Beach.....	8,100	3,700	32,167	33,499	60,359	1,643	4,583	6,226
California:	8,910	20,413	56,431	69,179	102,788	3,258	3,779	7,039
San Francisco.....	15,070	5,340	26,431	69,179	95,610	3,258	3,779	7,039

† Included in column 12.

‡ Statistics of 1915-16.

§ Statistics of 1917-18.

¶ Estimated.

\*\* 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.					
	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.	Elementary (including kindergarten and elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total.	
California—Con.																					
San Jose.....	64,587.80	81,309	85,412	29,815	224,403	131,611	81,462	28,186	2,400	213,569	41,961	28,186	1,121	739	70,048	1,059	739			1,840	
San Francisco.....	27,228	3,420	3,420	3,420	17,088	135,963	59,124	2,800	2,800	217,537	17,088	4,740	2,800		21,890	17,088	4,740			21,890	
Colorado.....	1,410	7,040	2,400	9,440	21,244	110,479	53,015	23,000	5,440	167,816	7,315	4,180	305		11,495	7,315	4,180			11,495	
Colorado Springs in District No. 1.....	5,056	18,152	3,082	21,244	4,322	110,479	53,015	23,000	5,440	167,816	7,315	4,180	305		11,495	7,315	4,180			11,495	
Trinidad.....	1,607	3,030	1,400	4,550	10,401	12,070	4,425	1,400	10,401	16,545	1,100	305			1,414	1,100				1,414	
Connecticut.....	6,326	8,098	2,363	10,401	20,777	41,961	20,777			62,638	41,961	20,777			4,620	41,961				4,620	
Arizona.....	2,000	2,000			2,000	60,741	25,239			85,980	60,741	25,239			3,408	60,741				3,408	
Bristol.....	6,000	4,900	2,550	7,450	4,900	37,933	10,150			48,083	37,933	10,150			970	37,933				970	
Denver.....	2,550	3,700	2,100	4,800	50,216	16,432	16,432			66,648	16,432	16,432			3,467	16,432				3,467	
Greenwich.....	6,000	10,200	3,360	13,560	87,455	27,952	27,952			110,407	27,952	27,952			14,174	27,952				14,174	
Manchester.....	6,000	1,600		1,600	18,654	18,654				37,308	18,654				2,543	18,654				2,543	
Manchester.....	1,600	1,600		1,600	30,668	27,045				57,713	30,668	27,045			3,043	30,668				3,043	
Manchester.....	2,660	1,200	2,200	2,200	4,318	46,398	12,612			59,010	46,398	12,612			4,470	46,398				4,470	
New York.....	2,000	17,000	5,118	17,000	21,244	66,740	37,102			103,842	66,740	37,102			6,142	66,740				6,142	
New York.....	2,000	3,500	5,118	8,638	17,000	4,625				21,625	4,625				2,138	4,625				2,138	
Newark.....	2,000	3,500	5,118	8,638	17,000	4,625				21,625	4,625				2,138	4,625				2,138	
Newark.....	2,000	3,500	5,118	8,638	17,000	4,625				21,625	4,625				2,138	4,625				2,138	
South Manchester.....	2,000	3,500	5,118	8,638	17,000	4,625				21,625	4,625				2,138	4,625				2,138	
Stamford.....	18,013	18,371	3,300	8,771	45,455	14,350				63,805	14,350				6,016	63,805				6,016	

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	Total
Torrington	1,585	1,700	1,871	1,954	2,027	2,100	2,173	2,246	2,319	2,392	2,465	2,538	2,611	2,684	2,757	2,830	2,903	2,976	2,048
Washington	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800
Windham	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900
Georgia																			
Atlanta	1,585	1,700	1,871	1,954	2,027	2,100	2,173	2,246	2,319	2,392	2,465	2,538	2,611	2,684	2,757	2,830	2,903	2,976	2,048
Brownsville	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
Camden	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Concord	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
Waynesville	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177
Waynesville	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083
Aurora	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Easton	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625	3,625
West side	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515	2,515
Bellefonte	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145	8,145
Bloomington	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373	1,373
Oshtemo	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343	5,343
Campan	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195
Chicago Heights	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150	5,150
Chicago	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192	4,192
Marionville	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892
Dunbar	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252
District No. 75	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592
District No. 76	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252
Freeport	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105	3,105
Galesburg	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978	8,978
Jacksonville	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800	8,800
Kankakee	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750	4,750
La Salle	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715
Lincoln	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787
Matttoon	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818	2,818
Melrose	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838
Oak Park	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075
Rock Island	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Streator	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Washington	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300
West Chicago	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083
Elkhart	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140	3,140
Elwood	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265	8,265
Gay	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Hammond	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475	8,475
Huntington	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665	1,665
Jeffersonville	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200
Kokomo	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130	4,130
La Fayette	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319	3,319
Laport	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715

Not included in column 11.

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.

Cities	Salaries and expenses of supervisors.						Salaries and expenses of principals.						Salaries of teachers.						Textbooks, supplies, and other expenses of instruction.						
	10	11	12	13	14	15	16	17	18	19	20	21	Total	Elementary (including kindergarten grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total	Elementary (including kindergarten and elementary grades in junior high schools).	Secondary (high).	Vocational.	Other schools.	Total		
	Kindergarten.	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Kindergarten.	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).	Elementary (including elementary grades in junior high schools).
New Jersey—Con.	82,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500	81,500
Albuquerque, N. M.	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900	14,900
Albuquerque, N. M.	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601	3,601
Albuquerque, N. M.	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450	5,450
Albuquerque, N. M.	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175
Albuquerque, N. M.	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853	10,853
Albuquerque, N. M.	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Albuquerque, N. M.	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249	2,249
Albuquerque, N. M.	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496
Albuquerque, N. M.	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217	2,217
Albuquerque, N. M.	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835	835
Albuquerque, N. M.	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Albuquerque, N. M.	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
Albuquerque, N. M.	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820	2,820
Albuquerque, N. M.	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455	1,455
Albuquerque, N. M.	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	1917	1918	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19	1917-18	1918-19
Albany	506	627	1,017	1,017	1,531	10,250	9,218	9,218	30,437	3,298
Albany, N. Y.	1,621	1,821	1,921	1,921	2,276	24,511	24,511	24,511	51,512	5,512
Albany, N. Y.	2,057	2,198	6,122	6,122	6,407	22,823	22,823	22,823	3,990	3,990
Albany, N. Y.	1,415	1,615	4,405	4,405	4,752	24,780	24,780	24,780	4,453	4,453
Albany, N. Y.	2,109	2,109	5,916	5,916	6,111	28,403	28,403	28,403	7,623	7,623
Albany, N. Y.	1,228	1,228	1,228	1,228	3,438	13,521	13,521	13,521	3,370	3,370
Albany, N. Y.	3,738	3,738	4,271	4,271	10,482	37,171	37,171	37,171	1,950	1,950
Albany, N. Y.	3,947	3,947	9,524	9,524	11,440	39,123	39,123	39,123	4,222	4,222
Albany, N. Y.	3,917	3,917	4,707	4,707	23,278	83,373	83,373	83,373	8,610	8,610
Albany, N. Y.	3,136	3,136	4,852	4,852	1,070	35,254	35,254	35,254	4,598	4,598
Albany, N. Y.	2,974	2,974	3,912	3,912	8,747	22,117	22,117	22,117	4,654	4,654
Albany, N. Y.	1,181	1,181	2,017	2,017	3,225	24,344	24,344	24,344	4,084	4,084
Albany, N. Y.	3,408	3,408	5,385	5,385	4,182	43,597	43,597	43,597	1,495	1,495
Albany, N. Y.	606	606	606	606	1,491	21,128	21,128	21,128	1,353	1,353
Albany, N. Y.	730	730	874	874	1,917	19,472	19,472	19,472	1,694	1,694
Albany, N. Y.	4,416	4,416	5,638	5,638	2,118	20,716	20,716	20,716	1,376	1,376
Albany, N. Y.	4,527	4,527	6,103	6,103	10,223	31,995	31,995	31,995	8,237	8,237
Albany, N. Y.	1,206	1,206	1,668	1,668	7,884	64,430	64,430	64,430	8,354	8,354
Albany, N. Y.	1,687	1,687	3,331	3,331	3,397	27,126	27,126	27,126	2,797	2,797
Albany, N. Y.	3,500	3,500	4,050	4,050	8,052	33,660	33,660	33,660	2,170	2,170
Albany, N. Y.	3,742	3,742	4,742	4,742	3,419	39,108	39,108	39,108	3,601	3,601
Albany, N. Y.	5,397	5,397	9,750	9,750	12,090	79,816	79,816	79,816	3,678	3,678
Albany, N. Y.	1,427	1,427	1,826	1,826	1,148	34,636	34,636	34,636	1,390	1,390
Albany, N. Y.	2,781	2,781	3,300	3,300	10,101	31,362	31,362	31,362	3,952	3,952
Albany, N. Y.	6,121	6,121	10,286	10,286	12,786	49,874	49,874	49,874	3,087	3,087
Albany, N. Y.	1,340	1,340	1,740	1,740	20,879	58,210	58,210	58,210	6,347	6,347
Albany, N. Y.	3,630	3,630	16,266	16,266	20,879	34,182	34,182	34,182	15,022	15,022
Albany, N. Y.	3,375	3,375	4,810	4,810	6,700	38,006	38,006	38,006	7,300	7,300
Albany, N. Y.	7,678	7,678	9,438	9,438	8,686	72,888	72,888	72,888	5,120	5,120
Albany, N. Y.	4,646	4,646	7,965	7,965	9,135	47,626	47,626	47,626	5,382	5,382
Albany, N. Y.	6,541	6,541	12,257	12,257	17,536	81,230	81,230	81,230	1,817	1,817
Albany, N. Y.	1,326	1,326	2,078	2,078	6,330	131,650	131,650	131,650	1,500	1,500
Albany, N. Y.	5,397	5,397	6,541	6,541	15,018	36,426	36,426	36,426	18,377	18,377
Albany, N. Y.	1,326	1,326	11,488	11,488	18,000	100,020	100,020	100,020	1,880	1,880
Albany, N. Y.	5,397	5,397	9,430	9,430	41,833	35,678	35,678	35,678	2,334	2,334
Albany, N. Y.	1,340	1,340	16,266	16,266	20,879	42,431	42,431	42,431	8,300	8,300

\* Statistics of 1915-16. \* Estimated.





STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Baker	171	940	1,125	4,300	7,172	10,868	15,818	22,782	30,908	40,870	50,774	61,444	73,457	86,027	100,000	111,841	125,000	138,000	150,000	165,000	180,000	200,000	220,000	240,000	260,000	280,000	300,000	320,000	340,000	360,000	380,000	400,000	420,000	440,000	460,000	480,000	500,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Camden	748	718	1,101	3,021	4,050	5,848	7,818	10,000	12,500	15,000	17,500	20,000	22,500	25,000	27,500	30,000	32,500	35,000	37,500	40,000	42,500	45,000	47,500	50,000	52,500	55,000	57,500	60,000	62,500	65,000	67,500	70,000	72,500	75,000	77,500	80,000	82,500	85,000	87,500	90,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Chambersburg	1,459	1,000	1,429	4,401	6,394	8,425	10,496	12,608	14,761	16,946	19,163	21,412	23,693	26,006	28,351	30,727	33,134	35,572	38,041	40,541	43,072	45,634	48,227	50,851	53,506	56,192	58,909	61,657	64,436	67,246	70,087	72,959	75,862	78,796	81,761	84,757	87,784	90,842	93,921	97,021	100,142	103,284	106,447	109,631	112,836	116,062	119,309	122,577	125,866	129,176	132,507	135,859	139,232	142,626	146,041	149,477	152,934	156,412	159,911	163,431	166,972	170,534	174,117	177,721	181,346	184,992	188,659	192,347	196,056	199,786	203,537	207,309	211,102	214,916	218,751	222,607	226,484	230,382	234,301	238,241	242,201	246,182	250,184	254,207	258,251	262,316	266,402	270,509	274,637	278,786	282,956	287,147	291,359	295,592	299,846	304,121	308,417	312,734	317,072	321,431	325,811	330,212	334,634	339,077	343,541	348,026	352,532	357,059	361,607	366,176	370,766	375,377	380,009	384,662	389,336	394,031	398,747	403,484	408,242	413,021	417,821	422,642	427,484	432,347	437,231	442,136	447,062	452,009	456,977	461,966	466,976	471,997	477,039	482,102	487,186	492,291	497,417	502,564	507,732	512,921	518,131	523,362	528,614	533,887	539,181	544,496	549,832	555,189	560,567	565,966	571,386	576,827	582,289	587,772	593,276	598,801	604,347	609,914	615,502	621,111	626,741	632,392	638,064	643,757	649,471	655,206	660,962	666,739	672,537	678,356	684,196	690,057	695,939	701,842	707,766	713,711	719,677	725,664	731,672	737,701	743,751	749,822	755,914	762,027	768,161	774,316	780,492	786,689	792,907	799,146	805,406	811,687	817,989	824,312	830,656	837,021	843,407	849,814	856,242	862,691	869,161	875,652	882,164	888,697	895,251	901,826	908,422	915,039	921,677	928,336	935,016	941,717	948,439	955,182	961,946	968,731	975,537	982,364	989,212	996,081	1,002,971	1,009,882	1,016,814	1,023,767	1,030,741	1,037,736	1,044,752	1,051,789	1,058,847	1,065,926	1,073,026	1,080,147	1,087,289	1,094,452	1,101,636	1,108,841	1,116,067	1,123,314	1,130,582	1,137,871	1,145,181	1,152,512	1,159,864	1,167,237	1,174,631	1,182,046	1,189,482	1,196,939	1,204,417	1,211,916	1,219,436	1,226,977	1,234,539	1,242,122	1,249,726	1,257,351	1,264,987	1,272,644	1,280,322	1,288,021	1,295,741	1,303,482	1,311,244	1,319,027	1,326,831	1,334,656	1,342,502	1,350,369	1,358,257	1,366,166	1,374,096	1,382,047	1,390,019	1,398,012	1,406,026	1,414,061	1,422,117	1,430,194	1,438,292	1,446,411	1,454,551	1,462,712	1,470,894	1,479,097	1,487,321	1,495,566	1,503,832	1,512,119	1,520,427	1,528,756	1,537,106	1,545,477	1,553,869	1,562,282	1,570,716	1,579,171	1,587,647	1,596,144	1,604,662	1,613,201	1,621,761	1,630,342	1,638,944	1,647,567	1,656,211	1,664,876	1,673,562	1,682,269	1,690,997	1,699,746	1,708,516	1,717,307	1,726,119	1,734,952	1,743,806	1,752,681	1,761,577	1,770,494	1,779,432	1,788,391	1,797,371	1,806,372	1,815,394	1,824,437	1,833,501	1,842,586	1,851,692	1,860,819	1,869,967	1,879,136	1,888,326	1,897,537	1,906,769	1,916,022	1,925,296	1,934,591	1,943,907	1,953,244	1,962,602	1,971,981	1,981,381	1,990,802	2,000,244	2,009,707	2,019,191	2,028,696	2,038,222	2,047,769	2,057,337	2,066,926	2,076,536	2,086,167	2,095,819	2,105,492	2,115,186	2,124,901	2,134,637	2,144,394	2,154,172	2,163,971	2,173,791	2,183,632	2,193,494	2,203,377	2,213,281	2,223,206	2,233,152	2,243,119	2,253,107	2,263,116	2,273,146	2,283,197	2,293,269	2,303,362	2,313,476	2,323,601	2,333,737	2,343,884	2,354,052	2,364,241	2,374,451	2,384,682	2,394,934	2,405,207	2,415,501	2,425,816	2,436,152	2,446,509	2,456,887	2,467,286	2,477,706	2,488,147	2,498,609	2,509,092	2,519,596	2,530,121	2,540,667	2,551,234	2,561,822	2,572,431	2,583,061	2,593,712	2,604,384	2,615,077	2,625,791	2,636,526	2,647,282	2,658,059	2,668,857	2,679,676	2,690,516	2,701,377	2,712,259	2,723,162	2,734,086	2,745,031	2,756,007	2,767,014	2,778,042	2,789,091	2,800,161	2,811,252	2,822,364	2,833,497	2,844,651	2,855,826	2,867,022	2,878,239	2,889,477	2,900,736	2,912,016	2,923,317	2,934,639	2,945,982	2,957,346	2,968,731	2,980,137	2,991,564	3,003,012	3,014,481	3,025,971	3,037,482	3,049,014	3,060,567	3,072,141	3,083,736	3,095,352	3,106,989	3,118,647	3,130,326	3,142,026	3,153,747	3,165,489	3,177,252	3,189,036	3,200,841	3,212,667	3,224,514	3,236,382	3,248,271	3,260,181	3,272,112	3,284,064	3,296,037	3,308,031	3,320,046	3,332,072	3,344,119	3,356,187	3,368,276	3,380,386	3,392,507	3,404,649	3,416,812	3,428,996	3,441,201	3,453,427	3,465,674	3,477,942	3,490,231	3,502,541	3,514,872	3,527,224	3,539,597	3,551,991	3,564,406	3,576,842	3,589,300	3,601,779	3,614,279	3,626,800	3,639,342	3,651,905	3,664,489	3,677,094	3,689,720	3,702,367	3,715,035	3,727,724	3,740,434	3,753,165	3,765,917	3,778,690	3,791,484	3,804,299	3,817,135	3,829,992	3,842,870	3,855,769	3,868,689	3,881,630	3,894,592	3,907,575	3,920,579	3,933,604	3,946,650	3,959,717	3,972,805	3,985,914	3,999,044	4,012,195	4,025,367	4,038,560	4,051,774	4,065,009	4,078,265	4,091,542	4,104,840	4,118,159	4,131,499	4,144,870	4,158,272	4,171,695	4,185,139	4,198,604	4,212,090	4,225,597	4,239,125	4,252,674	4,266,244	4,279,835	4,293,447	4,307,080	4,320,734	4,334,409	4,348,105	4,361,822	4,375,560	4,389,319	4,403,099	4,416,900	4,430,722	4,444,565	4,458,429	4,472,314	4,486,220	4,500,147	4,514,095	4,528,064	4,542,054	4,556,065	4,570,097	4,584,150	4,598,224	4,612,319	4,626,435	4,640,572	4,654,730	4,668,909	4,683,109	4,697,330	4,711,572	4,725,835	4,740,119	4,754,424	4,768,750	4,783,097	4,797,465	4,811,854	4,826,264	4,840,695	4,855,147	4,869,620	4,884,114	4,898,629	4,913,165	4,927,722	4,942,299	4,956,897	4,971,516	4,986,156	5,000,817	5,015,499	5,030,202	5,044,926	5,059,671	5,074,437	5,089,224	5,104,032	5,118,861	5,133,711	5,148,582	5,163,474	5,178,387	5,193,321	5,208,276	5,223,252	5,238,249	5,253,267	5,268,306	5,283,366	5,298,447	5,313,549	5,328,672	5,343,816	5,358,981	5,374,167	5,389,374	5,404,602	5,419,851	5,435,121	5,450,412	5,465,724	5,481,057	5,496,411	5,511,786	5,527,182	5,542,600	5,558,039	5,573,499	5,588,980	5,604,482	5,619,995	5,635,529	5,651,084	5,666,660	5,682,257	5,697,875	5,713,514	5,729,174	5,744,855	5,760,557	5,776,280	5,792,024	5,807,789	5,823,575	5,839,382	5,855,210	5,871,059	5,886,929	5,902,820	5,918,732	5,934,665	5,950,619	5,966,594	5,982,590	5,998,607	6,014,645	6,030,704	6,046,784	6,062,885	6,078,997	6,095,130	6,111,284	6,127,459	6,143,655	6,159,872	6,176,110	6,192,369	6,208,649	6,224,950	6,241,272	6,257,615	6,273,979	6,290,364	6,306,770	6,323,197	6,339,645	6,356,114	6,372,604	6,389,115	6,405,647	6,422,200	6,438,774	6,455,369	6,471,985	6,488,622	6,505,280	6,521,959	6,538,659	6,555,380	6,572,122	6,588,885	6,605,669	6,622,474	6,639,300	6,656,147	6,673,015	6,689,904	6,706,814	6,723,745	6,740,697	6,757,670	6,774,664	6,791,679	6,808,714	6,825,770	6,842,847	6,859,945	6,877,064	6,894,204	6,911,365	6,928,547	6,945,750	6,962,984	6,980,249	6,997,535	7,014,842	7,032,170	7,049,519	7,066,889	7,084,280	7,101,692	7,119,125	7,136,579	7,154,054	7,171,550	7,189,067	7,206,605	7,224,164	7,241,744	7,259,345	7,276,967	7,294,610	7,312,274	7,329,959	7,347,665	7,365,392	7,383,140	7,400,909	7,418,700	7,436,512	7,454,345	7,472,200	7,490,076	7,507,973	7,525,891	7,543,830	7,561,790	7,579,771	7,597,773	7,615,796	7,633,840	7,651,905	7,670,001	7,688,128	7,706,286	7,724,465	7,742,665	7,760,886

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.						Text books, 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.									
	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							
Continued.																																						
Brownsville.																																						
Cleburne.																																						
DeWitt.																																						
Marshall.																																						
Paris.																																						
San Angelo.																																						
Sherman.																																						
Temple.																																						
Tyler.																																						
Waco.																																						
Utah:																																						
Ogden.																																						
Vermont:																																						
Barre.																																						
Rutland.																																						
Virginia:																																						
Alexandria.																																						
Danville.																																						
Roanoke.																																						
Staunton.																																						
Waynesburg.																																						

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1919.

	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Stamilton	2,032	2,527	3,022	3,517	4,012	4,507	5,002	5,497	5,992	6,487	6,982	7,477	7,972	8,467	8,962	9,457	9,952	10,447	10,942	11,437	11,932	12,427	12,922	13,417	13,912	14,407	14,902	15,397	15,892	16,387	16,882	17,377	17,872	18,367	18,862	19,357	19,852	20,347	20,842	21,337	21,832	22,327	22,822	23,317	23,812	24,307	24,802	25,297	25,792	26,287	26,782	27,277	27,772	28,267	28,762	29,257	29,752	30,247	30,742	31,237	31,732	32,227	32,722	33,217	33,712	34,207	34,702	35,197	35,692	36,187	36,682	37,177	37,672	38,167	38,662	39,157	39,652	40,147	40,642	41,137	41,632	42,127	42,622	43,117	43,612	44,107	44,602	45,097	45,592	46,087	46,582	47,077	47,572	48,067	48,562	49,057	49,552	50,047	50,542	51,037	51,532	52,027	52,522	53,017	53,512	54,007	54,502	54,997	55,492	55,987	56,482	56,977	57,472	57,967	58,462	58,957	59,452	59,947	60,442	60,937	61,432	61,927	62,422	62,917	63,412	63,907	64,402	64,897	65,392	65,887	66,382	66,877	67,372	67,867	68,362	68,857	69,352	69,847	70,342	70,837	71,332	71,827	72,322	72,817	73,312	73,807	74,302	74,797	75,292	75,787	76,282	76,777	77,272	77,767	78,262	78,757	79,252	79,747	80,242	80,737	81,232	81,727	82,222	82,717	83,212	83,707	84,202	84,697	85,192	85,687	86,182	86,677	87,172	87,667	88,162	88,657	89,152	89,647	90,142	90,637	91,132	91,627	92,122	92,617	93,112	93,607	94,102	94,597	95,092	95,587	96,082	96,577	97,072	97,567	98,062	98,557	99,052	99,547	100,042	100,537	101,032	101,527	102,022	102,517	103,012	103,507	104,002	104,497	104,992	105,487	105,982	106,477	106,972	107,467	107,962	108,457	108,952	109,447	109,942	110,437	110,932	111,427	111,922	112,417	112,912	113,407	113,902	114,397	114,892	115,387	115,882	116,377	116,872	117,367	117,862	118,357	118,852	119,347	119,842	120,337	120,832	121,327	121,822	122,317	122,812	123,307	123,802	124,297	124,792	125,287	125,782	126,277	126,772	127,267	127,762	128,257	128,752	129,247	129,742	130,237	130,732	131,227	131,722	132,217	132,712	133,207	133,702	134,197	134,692	135,187	135,682	136,177	136,672	137,167	137,662	138,157	138,652	139,147	139,642	140,137	140,632	141,127	141,622	142,117	142,612	143,107	143,602	144,097	144,592	145,087	145,582	146,077	146,572	147,067	147,562	148,057	148,552	149,047	149,542	150,037	150,532	151,027	151,522	152,017	152,512	153,007	153,502	153,997	154,492	154,987	155,482	155,977	156,472	156,967	157,462	157,957	158,452	158,947	159,442	159,937	160,432	160,927	161,422	161,917	162,412	162,907	163,402	163,897	164,392	164,887	165,382	165,877	166,372	166,867	167,362	167,857	168,352	168,847	169,342	169,837	170,332	170,827	171,322	171,817	172,312	172,807	173,302	173,797	174,292	174,787	175,282	175,777	176,272	176,767	177,262	177,757	178,252	178,747	179,242	179,737	180,232	180,727	181,222	181,717	182,212	182,707	183,202	183,697	184,192	184,687	185,182	185,677	186,172	186,667	187,162	187,657	188,152	188,647	189,142	189,637	190,132	190,627	191,122	191,617	192,112	192,607	193,097	193,592	194,087	194,582	195,077	195,572	196,067	196,562	197,057	197,552	198,047	198,542	199,037	199,532	200,027	200,522	201,017	201,512	202,007	202,502	202,997	203,492	203,987	204,482	204,977	205,472	205,967	206,462	206,957	207,452	207,947	208,442	208,937	209,432	209,927	210,422	210,917	211,412	211,907	212,402	212,897	213,392	213,887	214,382	214,877	215,372	215,867	216,362	216,857	217,352	217,847	218,342	218,837	219,332	219,827	220,322	220,817	221,312	221,807	222,302	222,797	223,292	223,787	224,282	224,777	225,272	225,767	226,262	226,757	227,252	227,747	228,242	228,737	229,232	229,727	230,222	230,717	231,212	231,707	232,202	232,697	233,192	233,687	234,182	234,677	235,172	235,667	236,162	236,657	237,152	237,647	238,142	238,637	239,132	239,627	240,122	240,617	241,112	241,607	242,097	242,592	243,087	243,582	244,077	244,572	245,067	245,562	246,057	246,552	247,047	247,542	248,037	248,532	249,027	249,522	250,017	250,512	251,007	251,502	251,997	252,492	252,987	253,482	253,977	254,472	254,967	255,462	255,957	256,452	256,947	257,442	257,937	258,432	258,927	259,422	259,917	260,412	260,907	261,402	261,897	262,392	262,887	263,382	263,877	264,372	264,867	265,362	265,857	266,352	266,847	267,342	267,837	268,332	268,827	269,322	269,817	270,312	270,807	271,302	271,797	272,292	272,787	273,282	273,777	274,272	274,767	275,262	275,757	276,252	276,747	277,242	277,737	278,232	278,727	279,222	279,717	280,212	280,707	281,202	281,697	282,192	282,687	283,182	283,677	284,172	284,667	285,162	285,657	286,152	286,647	287,142	287,637	288,132	288,627	289,122	289,617	290,112	290,607	291,097	291,592	292,087	292,582	293,077	293,572	294,067	294,562	295,057	295,552	296,047	296,542	297,037	297,532	298,027	298,522	299,017	299,512	300,007	300,502	300,997	301,492	301,987	302,482	302,977	303,472	303,967	304,462	304,957	305,452	305,947	306,442	306,937	307,432	307,927	308,422	308,917	309,412	309,907	310,402	310,897	311,392	311,887	312,382	312,877	313,372	313,867	314,362	314,857	315,352	315,847	316,342	316,837	317,332	317,827	318,322	318,817	319,312	319,807	320,302	320,797	321,292	321,787	322,282	322,777	323,272	323,767	324,262	324,757	325,252	325,747	326,242	326,737	327,232	327,727	328,222	328,717	329,212	329,707	330,202	330,697	331,192	331,687	332,182	332,677	333,172	333,667	334,162	334,657	335,152	335,647	336,142	336,637	337,132	337,627	338,122	338,617	339,112	339,607	340,097	340,592	341,087	341,582	342,077	342,572	343,067	343,562	344,057	344,552	345,047	345,542	346,037	346,532	347,027	347,522	348,017	348,512	349,007	349,502	350,000

\* Statistics of 1915-16. † Estimated. ‡ Included in column 12. § Included in column 3.

TABLE 93.—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 properties in 1917-18 (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.	Repayment of funds.	16	17		
	For maintenance.	Total.						From current funds.	From sinking funds.							Issue of new bonds.	
Alabama:																	
Birmingham.....		15.76	104,000	.55	12,355	80	1,311			25,000		267,897			1,560		
California:																	
Los Angeles.....	8.84	10.50	526,873	.50	76,500		304,000					193,378			17,479		
San Francisco.....	9.91	10.41	140,155	.73	11,571		314,800					6,490			6,258		
San Francisco.....	2.20	4.22	584,780	.73	31,540							250,153			12,707		
Colorado:																	
Denver.....		5.800	331,091	100		1,318									4,870		
Connecticut:																	
Bridgewater.....		4.28	195,235	100	15,000										3,791		
New Haven.....		8.00	162,991	100	2,930		44,000					20,350			3,782		
Westville district.....		10.00	8,438	.75	1,400		176					6,467			275		
District of Columbia:																	
Washington.....		14.94	414,611	.67								852,036			13,052		
Georgia:																	
Atlanta.....		14.89	188,434	.60	47,250										7,059		
Illinois:																	
Chicago.....		18.40	1,062,940	.33	804,862										71,851		
Indiana:																	
Indianapolis.....		7.00	252,498	.60	23,598		30,750								5,572		
Iowa:																	
Des Moines.....		3.80	226,620	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										6,082		
Massachusetts:																	
Boston.....		4.50	1,498,216	100	159,945		1,111,297	446,573							27,670		
Cambridge.....		5.64	132,598	100	14,712										2,484		



TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION.

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 sinking funds.	Redemption of bonds.		Payment to sinking funds.	Redemption of short term bonds.	Payment of interest on indebtedness.	Refunds.	
	For other maintenance.	Total.						From sinking funds.	Issue of new bonds.					
Alabama:	2	5	6	7	8	9	10	11	12	13	14	15	16	17
Mobile.....	4.50	5.00	34,797	60	15,000	140						\$2,800		650
Montgomery.....		3.00	25,175	85	3,250						\$17,000			825
Arkansas:														1,352
Little Rock.....		10.00	40,400	55	4,485		\$10,700							1,602
California:														1,706
Berkeley.....		\$10.01	45,284	60	9,533		52,303							1,991
Pasadena.....	\$11.10	2.60	53,927	67	9,100		38,000							1,910
Sacramento.....		8.17	69,538	70	8,000	272	1,000	\$20,000						
San Diego.....	6.70	.50	60,922	69	8,110		1,210							
Colorado:														
Pueblo.....	7.90	.81	20,045	106	2,550	1,160	17	1,000				17,883	\$1,957	832
Connecticut:														4,349
Hartford.....		4.25	121,036	100	26,500		1,014		\$207,000	510,760		102,522		1,725
Meriden.....		8.60	50,000	75	2,500									1,691
New Britain.....	6.15	1.75	70,000	77	8,500		1,000			5,000		36,320		2,307
Waterbury.....		1.02	200,000	80	18,500		30,000					89,865		
Delaware:														
Wilmington.....		15.04	87,459	100	3,785	10	520				5,000	16,088		1,270
Florida:														
Jacksonville.....	7.00	.91	42,336	93	10,000	1,520	218			72,321	15,000	60,378	40,000	1,303
Tampa.....	8.00	5.00	26,203	50	3,027	19,770	581	70,000	14,000			49,034		1,130
Georgia:														
Augusta.....	9.40		76,544	90	900	1,400		10,000				9,143		1,025
Macon.....	4.00	.97	12,779	80		750						7,410		590
Savannah.....	4.00		64,000	60										780
Illinois:														
Decatur.....	20.00	10.00	10,715	30	1,950		1,112			36,250		21,358	12,343	1,358





TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 TO 100,000 POPULATION—Cont. Ined.

Cities	School tax rate (mills)			Property assessment (thousands of dollars)	Ratio of assessed value to true property value	Bonds and sinking funds (hundreds of dollars)			Expenses of debt service					Value of property (thousands of dollars)			
	For maintenance	For other purposes	Total			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	Reserve funds	
									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>Michigan—Continued.</b>																	
Ann Arbor				5.83	60,750	75	7,450	1									1,570
East Lansing				7.83	47,471	67	5,980		280	\$12,755			\$24,100	\$55,000	\$79,000	\$272	1,456
Kalamazoo				4.55	52,765	75	3,980		17	37,834			4,800	22,410	22,410	19	1,834
Lansing				10.45	47,471	67	5,500			607				2,066			899
Traverse City				5.97	31,381	100	230								1,030	314	808
East side				7.40	16,382	67	230			5,140					1,030		530
West side				11.03	65,257	33	16,410		1,757		\$40,000			81,905			3,984
Midwest				19.75	20,000	70	1,610										1,003
St. Joseph				10.65	45,367	40	18,049		4		7,000			800			2,207
Springfield				16.00	19,000	55	130										807
Westland				6.00	19,000	55	130										807
Westland				12.50	53,000	50	2,200		38		3,000			11,729			1,486
Westland				136.61	13,794	20	4,629										1,778
New Lincoln				5.50	79,560	100	2,962			15,000				12,130			1,198
New Lincoln				15.50	99,554	100	14,620										2,028
Bayonne				19.00	68,485	100	15,725							49,075	76,781		2,301
Camden				17.03	85,409	100	12,483				49,005						1,700
East Orange				7.40	56,926	100	12,640		2,383				18,461	52,355		1,700	
Elizabeth				15.29	77,514	100	13,029				22,749			22,749	57,044		3,178
Hoboken				17.11	79,745	100	20,730							29,925	57,318		2,054
Passaic				8.55	52,064	100	10,763		3,018		5,000			28,701	53,826		1,525
Passaic				14.80	26,776	100	8,064		1,678					20,428	34,080		1,052
Perth Amboy																	

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

State	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918	1917	1918
New York:	10.81	9.19	2,067	1,084	10,741	11,407	64,114	22,120	20	6	575	762	2,240	2,240	2,000	9,051
Albany	10.81	9.19	17,893	17,893	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Albany	10.81	9.19	22,223	22,223	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Binghamton	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Elmira	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Jamestown	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Mount Vernon	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Niagara Falls	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Schenectady	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Troy	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Union dist.	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Utica	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Yonkers	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
North Carolina:	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Charlotte	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Ohio:	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Alton	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Canton	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Easton	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Lima	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Springfield	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Youngstown	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Ohio: cont.	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Chillicothe	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Indiana:	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Albion	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Boothstown	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Chicago	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Erie	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Harrisburg	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Indianapolis	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Johnstown	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Leicester	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
McKeesport	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
New Castle	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Reading	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Scranton	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Uniontown	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
West Chester	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
York	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Illinois:	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Elmhurst	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Illinois: cont.	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Waukegan	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Wisconsin:	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Wausau	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
South Carolina:	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Charleston	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Tennessee:	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Chattanooga	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Knoxville	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051
Estimated:	10.81	9.19	32,523	32,523	10,000	10,000	10,000	10,000	243	243	2,000	2,000	2,000	2,000	2,000	9,051



TABLE 93.—Bonds, taxation, property values, valuation, 1917-18—Continued.  
GROUP II.—CITIES OF 30,000 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 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 short term loans.	Pay- ment of interest on indebt- edness.	Re- funds.		
	For main- tenance.	For other pur- poses.						From current sinking funds.	From sinking funds.	Issue of new bonds.						
Texas:	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Dallas.....	3.90	1.54	3.90	146,000	60	16,750								\$964		2,485
El Paso.....	4.00	1.25	5.00	59,202	60	12,660		1,862						60,189	3243	1,530
North Worth.....	3.75	1.25	2.50	64,832	60	12,840	980	707				\$18,065	\$3,700	59,696		2,199
Garrettsville.....	2.50		4.25	42,139	70	2,600		186						11,613		884
San Antonio.....	3.90	.50	4.50	145,000	80	1,100		1,785				87,705		66,062	175	3,331
San Antonio.....	4.94	1.00	5.94	178,000	100	17,140		350						74,826	2,974	3,942
Virginia:																
Salt Lake City.....	6.50		13.42	99,453	75	8,300										1,581
Norfolk.....	6.50		6.50	15,780	50	2,200										412
Portsmouth.....	6.50		6.50	15,780	50	2,200										578
Roseboro.....	6.50		6.50	15,780	50	2,200										
Washington:																
Texas:																
Temple.....	5.50	3.00	8.50	57,345	60	5,000	1,200	819				40,508		47,346		3,384
West Virginia:																
Huntington.....	4.30	4.30	8.50	44,762	100	9,240		989						44,850		1,202
Wheeling.....	4.30	4.30	8.50	70,151	75	1,000			\$10,000					6,525		1,255
Wisconsin:																
La Crosse.....	8.00		8.00	26,452	80	1,410										647
Shawano.....	3.40		4.40	33,815	97	2,901										1,280
Shawano.....	3.40		4.40	33,815	97	2,901										1,280
Superior.....	19.75		19.75	34,053	73	4,355			29,009					1,305		1,148



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 (thousands of dollars).				Expenses of debt service.						Value of school properties (thousands of dollars).		
	School tax rate (mills).			Property assessed amount (thousands of dollars).	Ratio of assessed amount 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 short term loans.		Par- am of interest on in- deb- tedness.	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
Georgia—Continued.																
Columbus.....	3.00	.50	3.50	25,000	110											443
Rome.....	2.50		2.50	10,000	60	250		70				\$6,000				111
Waycross.....	4.25		4.25	6,600	60	4,050								\$11,065	\$1,450	175
Idaho.....																653
Boise.....	8.00		8.00	19,000	101	160			\$1,000	\$1,750						392
Tillamook.....	20.00	8.90	28.90	4,752	14											772
Alton.....	13.50	13.40	26.90	6,483	33	2,150			11,000					8,200		463
East side.....			26.10	3,655	33	1,340			5,000					9,600		293
West side.....			18.00	4,245	40	245				1,000				1,800		413
Butteville.....	15.40	3.50	18.90	4,832	33	2,000		200						9,155		343
Champaign.....	17.50	2.50	20.00	4,833	33	1,020			5,000					4,890		200
Chicago-Beleais.....	15.00	13.60	28.60	2,635	10	1,970		2,761	21,500					10,065		564
Cherry.....	15.00	15.00	30.00	5,668	33	1,250			20,000					1,100	17	1045
Danville.....	14.50	14.50	29.00	7,130	33	1,700			30,000					1,210		712
Illinois.....																
Evans-ton.....	15.00	15.00	30.00	9,286	24											672
District No. 25.....	18.00	4.60	22.60	9,999	33	1,680	150		12,500					8,977		355
District No. 76.....	16.20	6.10	22.30	4,078	33	1,225			5,000			\$619		5,955		310
Freeport.....	17.00	4.70	21.70	5,517	33	720		720	7,000					3,235	71	669
Galesburg.....	8.60	15.00	23.60	7,554	33		108							780		350
Jacksonville.....	15.00	1.70	16.70	4,403	33	282		50	4,000				0.108	701		160
Kankakee.....			22.50	4,324	33	567		8	3,000					2,368		160
La Salle.....	13.60	3.70	17.30	2,078	23											232
Laurens.....	10.00	20.00	30.00	2,403	30	1,150							30,000	4,755		393



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 (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.		Pay- ment to sinking funds.	Re- demp- tion of short term loans.	Par- ment of interest on indebt- edness.	16	16		
	For main- tenance.	For other pur- poses.						From current sinking funds.	Issue of new bonds.							10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Alabama:																
Anniston	7.00	2.00	10.00	13,987	33											500
Decatur	3.00		3.00	6,130	50											190
Enterprise	3.00	1.50	4.50	48,000	75	2,170			23,000				8853			625
Gadsden			4.25	13,008	75	1,250										568
Milledgeville			2.50	10,263	100											312
Piedmont			2.46	19,244	60											286
Tomball			0.20	9,709	67											406
Maryland:																
Cumberland																202
Piedmont																327
Providence																553
Washington																566
York																640
Massachusetts:																
Adams			7.90	8,151	100											1,953
Andover			8.14	19,152	100											302
Attleboro			5.83	20,606	100	2,519			21,450				11,875			329
Beverly			5.45	35,444	100											135
Brookfield			3.21	97,102	100											302
Brookline			5.63	31,153	80											368
Chicopee			8.80	9,774	85											500
Clinton			7.51	17,492	100											135
Concord			7.71	11,363	75											302
Greenfield			5.71	26,074	100											1,485
Leicester			7.71	18,072	100	245			3,500							1,464
Lynn			7.91	14,000	50											794
Methuen			7.94	11,000	50											406
Needham			6.45	33,494	100	300			0,000							302
North Andover			6.72	18,983	100	6,850	228	868	85,300				87,500			1,485
North Attleboro			8.33	10,596	85											406



STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	Enrollment	Teachers	Value of Property	Value of Bonds	Value of Land	Value of Buildings	Value of Equipment	Value of Other Assets	Total Value	Per Pupil	Per Teacher
Albany	100	100	10,211	6.83	10,211	10,211	10,211	10,211	10,211	10.211	10.211
Albany	100	100	11,329	4.37	11,329	11,329	11,329	11,329	11,329	11.329	11.329
Albany	100	100	18,216	7.75	18,216	18,216	18,216	18,216	18,216	18.216	18.216
Albany	100	100	18,488	6.13	18,488	18,488	18,488	18,488	18,488	18.488	18.488
Albany	100	100	24,057	7.08	24,057	24,057	24,057	24,057	24,057	24.057	24.057
Albany	100	100	24,456	7.04	24,456	24,456	24,456	24,456	24,456	24.456	24.456
Albany	100	100	24,664	7.24	24,664	24,664	24,664	24,664	24,664	24.664	24.664
Albany	100	100	25,340	5.20	25,340	25,340	25,340	25,340	25,340	25.340	25.340
Albany	100	100	31,432	7.73	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	5.53	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	5.15	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	8.50	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	9.08	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	6.81	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	5.67	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	6.76	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	6.76	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	5.30	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	17.00	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	4.95	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	6.72	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	6.72	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	5.09	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	7.68	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	5.87	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	9.40	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	6.71	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	23.22	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	11.67	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	5.15	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	7.59	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	8.48	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	14.00	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	21.30	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	4.90	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	7.70	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	13.00	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	4.00	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	3.00	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	16.00	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	3.60	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	5.00	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	10.00	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	2.50	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	3.50	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	13.00	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	15.50	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	17.00	31,432	31,432	31,432	31,432	31,432	31.432	31.432
Albany	100	100	31,432	13.50	31,432	31,432	31,432	31,432	31,432	31.432	31.432

Estimated.

TABLE 93.—Boys, 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 (thousands of dollars).	Ratio assessed to true property value.	School bonds outstanding.	Other forms of debt.	Total amount in sinking funds.	Redemption of bonds.			Tax to sinking funds.	Re-deposit of short term loans.	Pay-ment of interest on indebtedness.	Re-fund-ment of funds.			
	For main-tenance.	For other pur-poses.						Total.	From cur-rent funds.	From sink-ing funds.					From issue of new bonds.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Nebraska			16.00	2,700	20	750										\$340	
Grand Island			4.76	11,540	90											221	
New Hampshire			9.16	18,707	100	185			\$790				\$900	7,316		621	
Exeter			3.72	13,228	100	1,250			16,000					2,100		284	
Durham			8.00	11,000	100	38			3,000					8,419		328	
Rose														5,280		209	
Vermonth																	
New York			5.37	18,626	80	5,075		1195	8,000			\$1,375		21,228		429	
Albany			8.00	8,581	60	432		40	3,000			1,014		1,937		263	
Albany			12.02	12,468	50				7,500					35,001		469	
Bushwick			5.67	17,181	75	3,397	55	184	1,500			2,955		18,351		817	
Brooklyn																526	
Kearny (P. O., Ar-lington)			8.37	24,550	75	5,957	612	1,164				15,106		27,177		710	
Long Branch			5.49	16,070	75											599	
Millville			11.20	7,288	90	1,802		216				5,035		7,954		213	
Mondak			7.80	49,533	100	19,335		1,331	9,000	29,228		30,226		82,791		2,201	
New Brunswick			5.20	22,275	50	4,550		190				480	2,000	14,610		532	
Phillipsburg			5.90	12,410	90	1,039		47						4,318		213	
Plainfield			7.10	33,861	70	6,300	100		7,000		\$4,300	4,319		2,955		972	
Rocky Hill			3.85	21,614	100	1,774			3,000					2,860		308	
West New York			9.52	24,000	60	5,635			13,000					24,960		743	
West Orange			12.50	16,000	50	3,322			3,300					17,439		568	
New Jersey			8.00	13,746	100	2,340	179	331				9,150		11,321		339	
New Brunswick			6.00	13,921	90	219			1,000					1,331		173	
New York			6.30														

STATISTICS OF CITY SCHOOL SYSTEMS, 1917-1918.

City	6.30	12,539	75	826	10	4,445	21,150	4,129	115
Beacon	6.00	6,943	82	545	3	2,000	21,150	2,364	142
Cobles	12.00	2,920	75	615		3,000		2,229	130
District No. 9	15.50	9,500	70	945		11,000	42,504	3,750	171
District No. 13	8.47	10,971	55	1,360		3,330		7,100	391
Cortland	6.60	7,085	80	624		6,000	26,700	2,282	206
Dunkirk	10.50	8,177	100	1,240		5,000	46,600	6,361	365
Fulton	18.40	49,826	70	1,670		5,000	8,403	8,403	746
Geneva	11.35	8,103	70	380		2,000	10,000	1,321	214
Gloversville	16.40	5,395	75	1,127		5,500		1,300	223
Hornell	8.00	16,200	75	350		40,000		1,300	565
Ithaca	8.27	17,988	80	2,850		20,000		12,325	679
Klanton	6.55	14,356	80	674		8,122	3,712	41	215
Little Falls	10.26	7,750	70	670		4,000		4,422	284
Lockport	12.24	8,839	67	275		8,000		1,133	139
Middletown	17.00	11,618	55	2,440		32,000	10,004	10,004	258
Newburgh	4.86	67,009	100	7,645	60	6,000	33,470	6,554	572
New Rochelle	9.47	11,119	88	1,510		5,000	5,000	64	1,205
North Tonawanda	2.98	6,500	75	1,330		3,000	7,300	6,705	381
Olean	12.41	11,456	60	1,070		5,000	82,000	8,634	452
Oran	4.00	14,000	78	1,181		4,500		8,612	674
Oswego	10.35	3,506	60	1,455		5,000	3,500	5,014	1,380
Potsdam	17.00	10,760	71	3,080		7,000	11,000	2,425	266
District No. 7	15.00	27,431	50	1,570		20,000	18,637	7,470	300
District No. 8	8.24	6,508	75	1,174		1,000	5,362	18,637	307
Port Chester	15.87	8,882	50	1,672		10,750		2,270	360
Poughkeepsie	8.89	8,532	70	3,353		3,000	1,445	5,818	339
Rensselaer	8.80	21,000	50	2,668		21,500	13,188	2,475	338
Rome	7.78	19,068	70	2,668		9,000	25,556	13,726	1,116
Saratoga Springs	2.50	26,040	50	2,494		9,000	1,319	11,705	801
Watertown	4.18	25,900	33	1,700		15,000		8,200	394
Watervliet	22.10	8,181	25	1,450		40,000	6,340		412
White Plains	5.86	30,000	75	5,300		15,500		4,800	159
North Carolina	5.42	16,100	90					6,615	387
Asheville									375
Greensboro									662
Purham									750
Wilmington									424
Winston-Salem									
North Platte									
Ohio									
Akron									
Cincinnati									
Columbus									
Cleveland									
Dayton									
East Cleveland									
Euclid									
Garfield									
Highland Park									
North Massillon									
North Olmsted									
North Parma									
North Warren									
Parma									
Shaker Square									
South Massillon									
South Olmsted									
South Parma									
South Warren									
Wesleyan									
Winton									
Worthington									
Wright									
Wesleyan									
Winton									
Worthington									
Wright									

13 Town fund. No separate school fund.

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).			Ratio of assessed value to true property value.	Property assessed (thousands of dollars).	School bonds outstanding.	Other forms of debt.	Total amount in sinking funds.	Redemption of bonds.			Pay- ment to sinking term loans.		Pay- ment of interest on indebit- edness.	Re- funds.	
	For maintenance.	For other purposes.	Total.						From current funds.	From sinking funds.	From sale of new bonds.					Pay- ment to sinking funds.
Ohio—Continued.																
Chillicothe.....	1.50	3.52	5.02	100	20,000	1,000				\$11,000		\$11,000				782
East Liverpool.....	1.65	4.40	6.05	80	25,736	3,700	375			11,500		16,970				800
Springfield.....	1.82	2.70	4.52	80	33,911	4,285	700	52		32,000		22,479				709
St. Mary.....	2.35	5.83	8.18	100	54,000	3,220	188	17				18,691		\$2,943		574
Lakewood.....	2.35	7.34	9.69	67	17,000	1,695						2,640				410
Lancaster.....	3.20	7.20	10.40	80	45,708	17,090		832		19,000		65,315				3,000
Lorain.....	4.50	5.50	10.00	74	31,200	4,200	314	5,084		33,000		22,642				1,000
Marietta.....	4.50	4.75	9.25	63	21,200	4,200						1,380				1,286
Medon.....	3.70	4.68	8.38	83	31,624	5,125		23		16,500		24,313				700
Mason.....	1.01	4.68	5.69	70	30,416	1,728	885	124		14,000		9,041				586
Newark.....	4.00	5.00	9.00	100	40,000	1,915				18,500		56,360				684
Piqua.....	3.81	4.45	8.26	100	30,000	1,750						48,842				1,381
Tiffin.....	4.10	4.10	8.20	100	15,000	500		110		7,000		9,200				361
Warren.....	5.40	5.40	10.80	100	40,000	3,910	52	190		8,000		17,776				264
Zanesville.....	4.80	4.80	9.60	100	31,391	3,245		540				46,285				699
Oregon—																
McAlister.....	10.00	8.00	18.00	80	8,102	2,330		1,065		37,702		(3)				408
Medford.....	2.00	11.80	13.80	100	20,142	1,000		320				5,000				719
Medway.....	10.50	2.00	12.50	94	20,540	3,000	2,781					34,920				834
Seaside.....	8.70	2.40	11.10	57	46,748	1,865		28				17,063				487
Tulsa.....	8.70	12.10	20.80	77	46,748	2,210		581		203,100		63,700				1,832
Oregon—																
Salem.....	7.30	12.60	19.90	68	12,600	1,210	365					61,000				418
Pennsylvania—																
Beaver Falls.....	17.00	6.176	23.176	50	6,176	945	750	81		1,477		34,500				399
Berwick.....	22.00	1,379	23.379	50	1,379	334	44			2,000		6,332				124



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 (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-demption of short term loans.	Pay-ment of interest on indebtedness.	Re-funds.		
	For main-tenance.	For other pur-poses.						Total.	From cur-rent 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>Texas—Continued.</b>																
Marshall.....	3.00	1.60	4.60	\$5,780	50	\$1,240		57		\$1,000		\$11,305		\$6,000		234
Palentine.....	4.15	1.62	5.77	6,530	80	1,530		188		500				7,375		280
Paris.....	3.55	1.45	5.00	12,907	67	2,710		151				8,800		12,985		435
San Angelo.....	5.00	1.40	6.40	7,760	67	1,760								8,800		208
Sherman.....																335
Temple.....	2.75	5.00	7.75	7,310		1,660		362								
Tyler.....	5.00	1.90	6.50	6,400	50	1,150		104						3,250		270
Waco.....	5.00	1.00	6.00	39,275	65	5,870						2,000		29,350		918
Utah:																
Ogden.....	3.95	1.53	5.48	33,363	93	3,800		107				4,546		16,300	\$201	801
Vermont:																
Barre.....			8.80	6,589	75	1,185			\$5,000					5,700		239
Burlington.....			6.00	20,361	75	2,610										469
Rutland.....			5.50	11,158	75	1,480			2,000							280
Virginia:																
Alexandria.....			12.70	30,078	67											137
Danville.....			15.50	15,000	59	4,000		770				3,080				335
Petersburg.....			1.620	4,500	50									16,200		584
Staunton.....			9.05	6,694	40	3,060		60								171
Washington.....			12.80	11,322	40	2,710	124									420
Aberdeen.....	10.00	2.80	12.80	14,460	40	5,200	559		17,000			2,000		16,327		704
Bellingham.....	8.40	3.10	11.50	10,550	50	4,900	365	148				38,945		17,788		704
Everett.....	10.00	2.00	12.00	18,169	75	8,262	263	23						22,028		851
Walla Walla.....			7.30	43,198	100	3,600		116						22,604		864
West Virginia:																
Elizabethtown.....	6.60	.70	7.30	18,169	75	8,262		116						466		328
Charleston.....	5.45	1.65	7.10	43,198	100	3,600		2,280						29,291		1,170
Parkersburg.....	7.00	1.00	8.00	31,860	100			1,160				11,250	\$9	18,000		1,872

