

DEPARTMENT OF THE INTERIOR
BUREAU OF EDUCATION

BULLETIN, 1926, No. 19

STATISTICAL SUMMARY
OF EDUCATION
1923-1924

By

FRANK M. PHILLIPS

Chief of the Division of Statistics

[Advance sheets from the Biennial Survey of Education in
the United States, 1922-1924]



WASHINGTON
GOVERNMENT PRINTING OFFICE
1926

STATISTICAL SUMMARY OF EDUCATION, 1923-24

By

FRANK M. PHILLIPS
Chief of the Division of Statistics

The following bulletins containing educational statistics for the school year ending June 30, 1924, have been issued:

State School Systems.....	1925, No. 42
City School Systems.....	1925, No. 41
Public High Schools.....	1925, No. 40
Private High Schools and Academies.....	1925, No. 23
Kindergartens.....	1925, No. 20
Teachers Colleges and Normal Schools.....	1925, No. 28
Universities, Colleges, and Professional Schools.....	1925, No. 45

This report attempts to give brief summaries of the data contained in these seven publications, and to add such material as may seem to be of value.

Table 1.—This table presents a summary of the enrollments in various types of schools, classified by control, public or private.

Table 2.—In this table the per capita costs are based upon the total enrollments as reported either by State or by local authorities. The total cost includes current expenses and capital outlays, but does not include payments for debt services. For college and university costs the total receipts, excluding additions to endowments, are used. The per capita costs for public elementary and for public high schools are estimated from city school reports and from the few State reports where it is possible to divide the expenditure between elementary and high schools. For private elementary and for private high schools the per capita costs are estimated to be the same as for public schools of the same type.

Tables 3 and 4 present historical summaries concerning gifts and endowments to education. The bureau has gathered this information for even-numbered years only since 1916.

Table 5.—This table shows distribution of teachers by sex and by type of school for each 10-year period from 1890 to 1924. The percentage of men teachers has been gradually decreasing during this period until 1924. For 1890 it is 35.8 per cent; 32.6 per cent for 1900; 25.2 per cent for 1910; 18.5 per cent for 1920; and 21.2 per cent for 1924.

Table 6.—This table presents a summary of enrollments by type of school, by 5-year periods from 1890 to 1924. The public elementary

school enrollment shows an increase of 67 per cent for this period; the private elementary schools show a loss of 11 per cent. Kindergarten enrollments have increased 1,882 per cent, those of public high schools 1,570 per cent, private high schools 168 per cent, preparatory departments of colleges 20 per cent, secondary students in normal schools 331 per cent, and all secondary-school pupils 946 per cent. There is an increase of 606 per cent in normal-school enrollments, 445 per cent in college and university enrollments, and 139 per cent in commercial-school enrollments. These increases are shown graphically for colleges and for secondary schools.

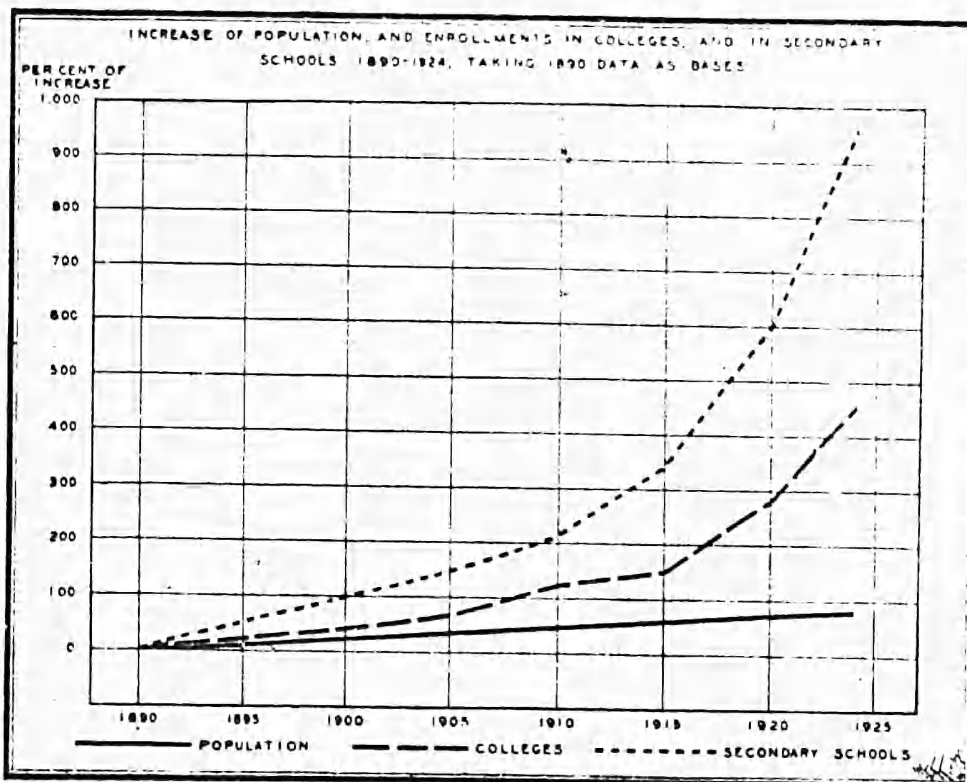


Table 7.—In this table enrollments in elementary schools, high schools, teacher-training institutions, and colleges are classified according to public and private control, and are given by States.

VALUE OF SCHOOL PROPERTY

The States report a total valuation of public elementary and secondary school property of \$3,744,780,714. Private high schools and academies report \$396,616,100. Exclusive of endowments, teachers colleges and normal schools report property valued at \$136,623,958, and colleges and universities at \$1,056,929,060. If the value of school property used by the private elementary schools be estimated at \$300,000,000, and \$12,862,722 be included as endowment owned by teacher-training institutions, and \$814,718,813 as productive funds of colleges and universities, the total value of property used by all types of schools mentioned above is \$6,462,531,367.

The average value of public-school property per pupil enrolled has increased from \$129 in 1922 to \$154 in 1924. This increase is due not so much to increased values of real estate as it is to newer and better buildings, better equipment, and more extensive grounds. It is safe to say that our public-school children were never better housed than at present, although there is still room for improvement. A large number of cities report considerable congestion. The percentage of public-school expenditures going for sites, buildings, and contents for 1920 is 14.8 per cent; for 1922 it is 19.4 per cent; and for 1924 it is 21.3 per cent. This increase over previous years reflects the efforts of school districts toward resuming building programs that were curtailed during the war period or held in abeyance when building costs began to increase so rapidly above the pre-war figures.

In the matter of permanent school funds for public-school education, Texas leads with a total of over \$80,000,000. Minnesota has forty-four million, Virginia and Oklahoma have nearly twenty-four and one half million each, and South Dakota has twenty-four million in a permanent school fund. North Dakota, Washington, Montana, Indiana, New Jersey, Missouri, Wyoming, Kansas, and Nebraska each has a permanent school fund of over \$10,000,000.

Nearly a half billion dollars of public-school resources are in school lands. Minnesota leads with \$85,000,000, South Dakota has seventy-five million, Montana forty-six million, Colorado forty-one million, and eight other States have unsold lands valued at over \$10,000,000 each.

TABLE I.—School and college enrollments in 1923-24

Schools	Public	Private	Total
Kindergartens	564,303	54,456	618,819
Elementary schools (primary and grammar)	20,334,567	1,418,689	21,753,256
City schools (included with elementary and high)	11,223,184		11,223,184
Total elementary and kindergarten enrollment	20,898,930	1,473,145	22,372,075
Secondary (high schools and academies)	3,389,878	254,119	3,643,997
Preparatory departments of colleges	14,365	47,493	61,858
Secondary courses in normal schools and teachers colleges	30,282	4,956	35,232
Total secondary students	3,434,525	306,562	3,741,087
Teachers colleges	134,431	5,589	140,029
Normal schools (not in secondary courses)	95,566	10,074	105,640
Total normal schools and teachers colleges	229,997	15,672	245,669
Universities, colleges, and professional schools (not including preparatory)	241,265	423,001	664,266
Industrial schools for delinquents, 1922	65,550		65,550
Schools for the deaf, 1922	13,649	716	14,365
Schools for the blind, 1922	4,947		4,947
Schools for the feeble-minded and subnormal, 1922	62,013	1,386	63,399
Schools for Indians	23,589	6,070	30,559
Government schools in Alaska	3,910		3,910
Other public schools in Alaska	3,975		3,975
Commercial and business schools, 1925		188,368	188,368
Grand total (excluding duplicates)	24,956,187	2,415,820	27,372,007

¹ Includes 2,911 in city schools.

² Includes 23,262 in city schools.

TABLE 2.—School enrollment and estimated costs in 1923-24

Classification	Enrollment	Estimated per pupil cost	Total cost, including outlays
Public elementary schools (including kindergartens)	20,898,930	\$58.93	\$1,231,554,330
Public high schools	3,389,878	173.72	589,189,608
Private elementary schools (including kindergartens)	11,473,145	58.93	686,812,435
Private high schools and academies	254,119	173.72	44,145,553
Universities and colleges (includes preparatory students)			
Public	255,650	593.75	151,781,079
Private	470,494	402.14	189,200,947
Teachers colleges (includes all courses)	158,349	141.34	22,380,385
Normal schools (includes all courses)			
State	92,163	178.52	16,452,652
City	13,065	153.08	2,000,019
County	2,658	181.98	482,729
Private	14,666	241.33	3,539,418
Industrial schools for delinquents, 1922	67,550	289.14	19,952,835
Schools for the deaf, 1922			
State	10,738	618.00	6,636,084
City (included with city schools)	2,911		
Private	716	846.00	605,736
Schools for the blind, 1922	4,947	385.00	2,893,905
Schools for the feeble-minded and subnormal, 1922			
State	38,761	357.00	13,837,077
City (included with city schools)	23,252		
Private	1,386	906.00	1,255,716
Government schools in Alaska	3,910	88.56	346,281
Other public schools in Alaska	3,975	118.60	471,439
Government Indian schools	23,589	269.10	6,347,797
Other schools for the Indian	6,970		
Private commercial and business schools, 1923	188,368		
Teachers colleges:			
Extension courses	32,362		
Practice and model schools (elementary)	25,577		
State normal schools:			
Extension courses	16,619		
Practice and model schools (elementary)	32,065		
Private normal schools:			
Extension courses	308		
Practice and model schools (elementary)	5,340		
Colleges, universities, and professional schools:			
Extension and correspondence courses	140,846		
Winter short courses	4,019		
Total (excluding duplicates)	27,629,166		2,386,880,132

¹ Partly estimated.

² Estimated same as cost of public schools.

³ Receipts, excluding additions to endowments.

⁴ The items beginning "Teachers colleges, extension courses," are not included in Table 1.

TABLE 3.—Gifts and bequests to education, 1914-1924

Institutions	1914	1916	1918	1920	1922	1924
Universities and colleges	\$26,670,017	\$30,196,006				
Schools of theology	1,558,281	2,257,359				
Schools of law	203,067	128,588	\$27,450,945	\$65,286,159	\$77,400,756	\$81,784,738
Schools of medicine	1,495,773	2,253,508				
Public normal schools	607,431	758,908	40,548	34,310		
Private normal schools	116,283	143,012	610,817	2,096,687	930,034	1,793,741
Private high schools	706,546	1,357,719	1,748,258	(¹)	(¹)	
Total	31,357,398	37,095,280	20,856,568	67,417,156	78,330,790	83,578,479

¹ No data.

TABLE 4.—Gifts and bequests to education from 1871 to 1924

1871	\$8,593,740	1890	\$8,011,019	1908	\$19,763,421
1872	10,072,540	1891	8,519,233	1909	21,192,450
1873	11,225,977	1892	8,721,902	1910	24,755,693
1874	6,053,804	1893	8,207,690	1911	27,634,029
1875	4,126,562	1894	10,855,365	1912	30,061,310
1876	4,691,845	1895	8,240,876	1913	29,651,879
1877	3,015,256	1896	11,677,048	1914	31,357,398
1878	3,103,289	1897	10,049,141	1915	26,023,246
1879	5,249,810	1898	10,981,209	1916	37,095,280
1880	5,518,501	1899	25,332,792	1918	29,856,568
1881	7,440,224	1900	15,066,561	1920	67,417,156
1883	7,141,363	1901	21,158,400	1922	78,330,790
1884	11,270,286	1902	20,348,739	1924	83,578,479
1885	9,314,081	1903	17,915,075		
1886	5,976,168	1904	17,261,375		
1887	7,512,910	1905	21,827,875		
1888	6,446,368	1906	23,347,070		
1889	6,942,078	1907	28,586,780		
				Total, excluding	
				1882, 1917, 1919,	
				1921, and 1923.	906,719,601

TABLE 5.—Distribution of teachers for five periods

Teachers in—	1890		1900		1910		1920		1924		
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Total
Public elementary schools.....	121,577	232,925	116,416	389,952	63,021	513,222	76,816	540,262	617,073		
Public high schools.....	3,648	5,472	10,172	22,777	32,366	69,572	51,915	92,315	144,230		
Private elementary schools (estimated).....	6,807	13,169	6,614	29,572	6,322	38,977	7,122	44,414	51,536		
Private high schools.....	3,272	3,937	4,275	6,634	5,698	9,248	6,192	9,511	15,703		
Universities and colleges:											
Preparatory departments.....	5,060	1,083	2,433	1,216	2,716	1,568	2,615	1,757	4,372		
Collegiate departments.....			8,450	1,549	13,428	6,469	28,872	9,153	38,025		
Other departments.....						982	1,073	1,255	2,328		
Colleges for women:											
Preparatory departments.....	595	1,700	703	725	91	(1)	(1)	(1)	(1)		
Collegiate departments.....				1,681	623	(1)	(1)	(1)	(1)		
Professional schools:											
Theology.....	744		974		1,433						
Law.....	346		1,004		1,534						
Medicine.....	2,851		4,483		7,586						
Dentistry.....	541		1,118		1,546						
Pharmacy.....	183		493		815						
Veterinary medicine.....	93		185		351						
Teachers colleges and normal schools, public:											
Normal department.....			935		1,105						
Other departments.....			133		587						
Teachers colleges and normal schools, private:											
Normal department.....			535		382						
Other departments.....			257		283						
Commercial and business schools.....	1,133	460	1,413	1,200	1,736	1,200	2,976	3,189	4,105		
Schools for defectives and delinquents.....	564	962	873	2,352	1,134	1,165	1,910	2,195	4,119		
Indian and Alaskan schools.....	644	965	1,189	2,456	1,702	1,141	1,127	2,902	4,119		
Kindergartens:											
Public.....	1,050	4,950	1,350	8,000	1,500	10,022		10,852			
Private.....											
Total.....	149,428	267,653	163,969	471,633	158,574	663,938	194,642	724,972	919,634		

1 Included in universities and colleges.
 2 Professional departments.
 3 Figures for 1918.
 4 Figures for 1922.
 5 Does not include 1,832 men and 817 women duplicates, in universities, colleges, and professional schools.



TABLE 6.—*Kindergarten, elementary, commercial, secondary, normal school, and college enrollments, 1890-1924*

Schools	1890	1895	1900	1905
Kindergartens (public and private)	131,227	265,296	225,394	205,118
Public elementary schools (including public kindergartens)	12,519,518	13,893,666	14,983,859	15,788,798
Private elementary schools (largely estimated)	1,661,897	1,211,220	1,240,925	1,347,000
Total elementary and kindergarten	14,481,415	15,404,886	16,224,784	17,135,598
Public high schools	202,963	350,069	519,251	679,702
Private high schools	94,931	118,347	140,797	167,207
Preparatory schools (in colleges and universities)	51,749	57,403	56,285	63,421
Secondary students in normal schools	8,170	13,863	9,570	15,824
Total secondary students	357,813	539,712	695,903	866,154
Normal schools and teachers' colleges (excluding secondary students)	34,811	78,594	69,593	65,400
Colleges, universities, and professional schools (excluding preparatory students)	121,942	144,706	167,969	190,045
Total college and normal students	156,756	203,210	237,592	264,345
Private commercial and business schools	78,920	96,135	91,549	146,086

Schools	1910	1915	1920	1924
Kindergartens (public and private)	1,185,471	486,800	510,949	618,819
Public elementary schools (including public kindergartens)	16,898,791	18,375,225	19,378,927	20,898,930
Private elementary schools (largely estimated)	1,558,437	1,615,091	1,485,561	1,473,145
Total elementary and kindergarten	18,457,228	19,990,316	20,864,488	22,372,075
Public high schools	915,090	1,328,984	2,199,380	3,389,878
Private high schools	117,000	157,044	213,920	251,119
Preparatory schools (in colleges and universities)	66,042	67,440	59,309	61,858
Secondary students in normal schools	12,890	13,504	22,058	35,232
Total secondary students	1,111,303	1,566,972	2,494,676	3,741,087
Normal schools and teachers' colleges (excluding secondary students)	88,561	100,325	135,412	245,689
Colleges, universities, and professional schools (excluding preparatory students)	206,054	303,233	402,445	664,266
Total college and normal students	355,215	403,558	597,857	909,935
Private commercial and business schools	155,244	183,268	335,161	488,368

1 1888.

2 1892.

3 Public only.

4 1909.

5 From State reports.

6 1925.

TABLE 7.—Enrollment in certain types of schools, by States, 1923-24

State	Elementary schools and kindergartens		Secondary schools		Normal schools and teachers' colleges		Universities, colleges, and professional schools	
	Public	Private (largely estimated)	Public	Private	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9
Continental United States	20,898,390	1,473,145	3,434,525	306,562	220,997	15,672	241,265	423,001
Alabama	543,262	15,567	59,644	7,678	6,461	400	4,232	2,431
Arizona	64,958	1,657	9,094	835	907		1,731	
Arkansas	174,127	2,452	27,805	2,930	1,739		1,389	1,823
California	713,596	28,527	308,952	11,341	5,334	151	18,514	14,868
Colorado	198,636	2,846	49,425	1,109	4,432	95	4,068	3,568
Connecticut	249,036	54,605	39,962	6,696	1,038	172	413	5,607
Delaware	33,430	370	5,213	508			536	
District of Columbia	59,838	9,485	12,226	3,263	527	70	76	12,525
Florida	243,218	5,542	23,301	1,353			2,152	797
Georgia	683,816	9,485	64,995	5,738	1,304		5,070	6,469
Idaho	97,244	1,200	19,988	689	1,355	265	2,041	507
Illinois	1,098,248	177,259	218,924	32,049	13,167	1,522	11,391	44,134
Indiana	510,630	24,338	113,091	4,417	4,653	2,852	8,181	11,512
Iowa	438,113	23,436	96,931	11,772	7,415	18	9,686	12,258
Kansas	349,051	19,315	77,063	4,400	8,616		7,087	7,949
Kentucky	526,949	11,494	41,957	10,203	4,487		3,005	3,742
Louisiana	349,225	22,491	41,730	3,483	2,111		1,098	4,477
Maine	120,028	16,101	27,182	5,482	2,091		1,276	1,712
Maryland	228,212	23,374	28,303	4,038	1,960	38	5,557	7,928
Massachusetts	609,098	137,739	128,757	15,287	4,344	1,585	654	39,206
Michigan	685,238	105,375	135,476	8,385	14,543		14,125	5,770
Minnesota	457,153	41,395	88,666	7,245	7,057	116	10,624	6,378
Mississippi	530,797	5,460	30,303	3,529	1,472		3,288	2,146
Missouri	630,720	47,283	100,379	7,520	12,862	5	5,390	15,314
Montana	98,016	2,736	19,777	1,103	906		2,290	216
Nebraska	357,327	20,789	50,340	3,990	5,011	38	7,214	4,885
Nevada	13,284	40	2,686				855	
New Hampshire	63,489	22,087	10,865	4,691	1,155		1,188	2,285
New Jersey	582,369	33,228	82,136	8,569	3,003	144		6,224
New Mexico	80,368	4,840	8,819	984	1,110		773	
New York	1,641,801	90,480	295,401	36,486	12,164	844	16,576	67,720
North Carolina	752,585	17,312	42,399	8,289	2,029	1,704	4,463	6,363
North Dakota	151,262	3,201	24,350	555	4,558		2,179	387
Ohio	981,863	93,321	219,262	13,667	8,741	521	19,747	20,630
Oklahoma	575,420	2,701	81,963	1,636	13,298		5,877	3,019
Oregon	140,791	11,723	34,737	1,843	1,644	258	5,970	2,983
Pennsylvania	1,587,200	176,488	217,289	19,617	15,755	213	3,580	48,659
Rhode Island	93,291	24,655	12,619	2,227	955		452	2,507
South Carolina	441,059	6,640	26,809	3,129	543	22	3,905	3,920
South Dakota	137,460	3,205	26,750	1,246	3,290	147	1,922	1,397
Tennessee	610,552	18,050	48,251	7,472	5,633	3,293	1,821	8,273
Texas	1,017,814	13,652	178,658	6,624	13,094	42	10,092	15,286
Utah	106,970	1,571	23,746	3,709		27	3,257	1,465
Vermont	52,340	3,344	11,773	2,287	79		1,160	885
Virginia	506,628	7,531	50,549	7,888	6,317	929	4,926	6,558
Washington	255,504	23,885	61,612	2,954	4,761	141	8,741	1,576
West Virginia	369,269	7,054	32,970	1,926	4,366		2,720	1,782
Wisconsin	424,193	84,862	112,646	5,590	13,246		8,076	7,580
Wyoming	43,114	949	8,742	215			825	
<i>Outlying possessions</i>								
Alaska	3,511		464					
American Samoa	1,495	4,157						
Canal Zone	3,708		297					
Guam	2,645	126	9	28				
Hawaii	49,014	7,331	1,990	2,439	409			
Philippine Islands	1,091,427	47,938	41,292	16,791	1,562			
Porto Rico	205,633	466	7,387	5,692				
Virgin Islands	3,050	1,343	62					