

UNITED STATES DEPARTMENT OF THE INTERIOR
HAROLD L. ICKES, Secretary
OFFICE OF EDUCATION
J. W. STUDEBAKER, Commissioner

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HAROLD L. ICKES : SECRETARY
OFFICE OF EDUCATION : J. W. STUDEBAKER
COMMISSIONER

STATISTICAL
SUMMARY OF EDUCATION
1933-34

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



BULLETIN, 1935, No. 2
[ADVANCE PAGES]

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CHAPTER I

STATISTICAL SUMMARY OF EDUCATION, 1933-34

INTRODUCTION

THIS SUMMARY brings together data from the various statistical chapters of the Biennial Survey of Education, 1932-34.¹ Each of these chapters deals with one field of education and has been published separately as part of Bulletin, 1935, No. 2, as follows:

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

NUMBER OF SCHOOLS

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

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

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

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

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

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

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

SOURCE OF REPORT

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

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

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

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

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

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

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

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

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

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

Type	Number of schools reporting, 1934	Enrollment, 1934
1	2	3
<i>Junior high schools—Continued</i>		
2-year, white, 12 grades (3-3 plan).....	1,394	1,023,066
2-year, Negro, 12 grades (3-3 plan).....	39	
3-year, white, 12 grades (3-4 plan).....	6	1,261
3-year, Negro, 12 grades (3-4 plan).....	1	
4-year, white, 11 grades (4-2 plan).....	7	1,917
4-year, white, 12 grades (4-2 plan).....	173	49,431
4-year, Negro, 12 grades (4-2 plan).....	16	
Total (junior high schools).....	1,948	1,220,101
<i>Junior-senior and undivided high schools</i>		
Junior-senior:		
White, 12 grades (2-4 plan).....	980	238,512
Negro, 12 grades (2-4 plan).....	42	
White, 12 grades (3-3 plan).....	1,222	666,710
Negro, 12 grades (3-3 plan).....	87	
White, 11 grades (2-4, 3-3 plan).....	17	15,479
Negro, 11 grades (2-4, 3-3 plan).....	13	
White, 12 grades (3-4 plan).....	18	6,200
Negro, 12 grades (3-4 plan).....	1	
Undivided:		
5-year, white, 11 grades (2-3 and 3-2 plan).....	39	17,030
5-year, Negro, 11 grades (2-3 and 3-2 plan).....	3	
5-year, white, 12 grades (2-3 and 3-2 plan).....	100	63,716
5-year, Negro, 12 grades (2-3 and 3-2 plan).....	4	
6-year, white, 11 grades.....	10	2,977
6-year, white, 12 grades.....	1,378	
6-year, Negro, 12 grades.....	24	847,112
Total (junior-senior and undivided high schools).....	3,938	1,236,846
<i>Senior high schools</i>		
2-year, white, 12 grades.....	8	6,801
3-year, white, 11 grades.....	57	60,717
3-year, Negro, 11 grades.....	2	
3-year, white, 12 grades.....	641	683,179
3-year, Negro, 12 grades.....	5	
4-year, white, 12 grades.....	140	90,992
Total (senior high schools).....	783	740,840
Total (reorganized high schools).....	6,639	3,197,456
<i>Regular high schools</i>		
4-year, white, 12 grades.....	10,866	2,087,224
4-year, Negro, 12 grades.....	185	54,643
4-year, white, 11 grades.....	3,107	492,263
4-year, Negro, 11 grades.....	424	67,708
4-year, white, 13 grades.....	13	1,461
3-year or less, white, 12 grades.....	1,455	39,636
3-year or less, Negro, 12 grades.....	93	2,451
3-year or less, white, 11 grades.....	266	9,362
3-year or less, Negro, 11 grades.....	166	6,678
Total (regular high schools).....	16,574	3,260,444
¹ Grand total.....	23,213	6,567,949
Estimated total in all regular high schools in the United States.....	18,076	3,680,037
Estimated total in all high schools in the United States.....	24,714	6,886,533

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

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

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

¹ Including teachers colleges and normal schools.

ENROLLMENT, 1933-34

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

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

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

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

Schools	PUBLIC			PRIVATE			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	3	3	4	5	6	7	8	9	10
Kindergarten.....	301,549	300,228	601,775	18,487	19,019	37,506	320,036	319,245	639,281
Kindergarten in residential schools for exceptional children.....	2,196	2,418	4,614	494	323	822	2,090	2,746	4,836
Elementary-schools (including elementary grades in junior high schools).....	10,344,442	9,818,820	20,163,262	1,157,803	1,173,138	2,330,941	11,502,245	10,991,958	22,494,203
Elementary "training schools" in colleges.....	30,821	33,931	64,752	1,070	1,180	2,250	31,891	35,111	67,002
Elementary in residential schools for exceptional children.....	28,046	17,671	45,717	6,721	4,011	10,732	34,767	21,682	56,449
Total, elementary and kindergarten.....	10,707,054	10,173,066	20,880,120	1,184,575	1,197,676	2,382,251	11,891,629	11,370,742	23,262,371
Secondary (high schools and academies).....	2,802,122	2,867,034	5,669,156	161,456	198,636	360,092	2,963,578	3,065,670	6,029,248
Preparatory departments of colleges.....	4,226	3,150	7,376	17,327	7,968	25,295	14,155	10,548	24,703
Secondary "training schools" in colleges.....	17,404	17,254	34,658	1,051	1,039	2,090	18,506	18,293	36,799
Secondary in residential schools for exceptional children.....	2,716	1,652	4,368	921	450	1,371	3,637	2,102	5,739
Total, secondary.....	2,826,518	2,889,090	5,715,608	173,357	207,633	380,990	2,999,875	3,096,613	6,096,488
Teachers colleges and normal schools (excluding secondary students).....	43,275	86,058	129,333	1,931	4,920	6,851	45,206	90,978	136,184
Universities, colleges, and professional schools (excluding preparatory students).....	249,084	151,514	400,598	321,430	197,148	518,578	570,514	348,662	919,176
Total, higher education.....	292,359	237,572	529,931	323,361	202,068	525,429	615,720	439,640	1,055,360
Federal schools for Indians.....			22,070						22,070
Private commercial and business schools (1933).....							27,638	48,002	75,640
Nurse-training schools (1931).....							848	99,571	100,419
Grand total (of distributed items).....	13,825,931	13,299,728	27,125,659	1,708,931	1,655,869	3,364,800	15,534,862	14,965,597	30,499,459
Grand total, continental United States (including un-distributed items).....			27,147,729			3,364,800			30,512,529
Included in above figures:									
City school systems.....	6,693,608	6,410,536	13,049,144				6,638,608	6,410,536	13,049,144
Residential schools for exceptional children (1931):									
Blind.....	2,508	2,002	4,510	667	453	1,020	3,076	2,455	5,530
Deaf.....	6,596	6,812	12,408	1,221	1,261	2,482	7,817	7,073	14,890
Delinquent.....	17,927	7,683	25,610	6,466	2,342	7,808	23,368	10,025	33,418
Feeble-minded.....	5,927	6,244	12,171	882	733	1,615	6,800	6,977	13,788

1 46,678 Indians probably included in regular public schools and 8,108 in private schools.
 * Pupils in day classes only.
 † Cannot be distributed into public and private classification.

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

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

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

Schools	1890	1900	1910	1915
1	2	3	4	5
Kindergartens (public and private).....	1 31,227	225,394	2 346,189	486,800
Public elementary schools and kindergartens.....	12,519,518	14,983,859	16,898,791	18,375,225
Private elementary schools and kindergartens (largely estimated).....	1,661,897	1,240,925	1,558,437	1,615,091
Total elementary and kindergarten.....	14,181,415	16,224,784	18,457,228	19,990,316
Public high schools.....	202,963	519,251	916,061	1,328,984
Private high schools.....	94,931	110,797	117,400	155,044
Preparatory schools (in colleges and universities).....	61,749	56,285	66,042	67,440
Secondary students in normal schools.....	8,170	9,570	12,890	13,504
Total secondary students.....	357,813	695,903	1,111,393	1,564,972
Normal schools and teachers colleges (excluding secondary students).....	34,814	69,593	88,561	100,326
Colleges, universities, and professional schools (excluding preparatory students).....	121,942	167,999	266,654	302,233
Total college and normal students.....	156,756	237,592	355,215	402,559
Private commercial and business schools.....	78,920	91,549	135,244	183,268

Schools	1920	1930	1932	1934
1	6	7	8	9
Kindergartens (public and private).....	510,949	777,899	763,699	639,281
Public elementary schools and kindergartens.....	19,378,927	21,278,593	21,182,472	20,899,789
Private elementary schools and kindergartens (largely estimated).....	1,485,561	2,309,886	2,384,181	2,970,697
Total elementary and kindergarten.....	20,864,488	23,588,479	23,566,653	23,209,486
Public high schools.....	2 199,389	4,399,422	5,140,021	5,699,156
Private high schools.....	4 213,990	341,158	403,415	360,092
Preparatory schools (in colleges and universities).....	59,309	47,309	33,750	24,703
Secondary students in normal schools.....	22,058	11,978	15,686	36,799
Total secondary students.....	2,494,676	4,799,867	5,592,872	6,099,749
Normal schools and teachers colleges (excluding secondary students).....	135,412	176,462	164,360	136,184
Colleges, universities, and professional schools (excluding preparatory students).....	462,445	924,275	989,757	919,176
Total college and normal students.....	597,857	1,100,737	1,154,117	1,055,360
Private commercial and business schools.....	335,161	179,756	102,286	102,296

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

NUMBER OF GRADUATES AND PERCENT CONTINUING THEIR EDUCATION

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

HIGH-SCHOOL AND COLLEGE GRADUATES, PUBLIC AND PRIVATE

Year	GRADUATES		Year	GRADUATES	
	High school	College		High school	College
1890.....	43,731	14,306	1926.....	561,469	96,956
1900.....	94,884	25,324	1928.....	595,655	111,161
1910.....	166,429	34,178	1930.....	665,223	122,484
1920.....	311,266	48,622	1932.....	833,252	138,063
1924.....	498,006	82,783	1934.....	914,853	136,156

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

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

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

¹ Or signifying their intention of so doing.

TEACHERS

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

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

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

TABLE 6.—DISTRIBUTION OF TEACHERS FOR 6 PERIODS

Teachers in—	1900		1910		1920		1930		1932		1934		
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Public elementary schools.....	116,416	286,274	91,591	389,952	63,024	513,222	67,239	573,718	67,122	573,332	74,246	545,147	619,393
Public high schools.....	10,172	10,200	18,990	22,777	32,356	69,572	174,532	138,774	80,768	150,385	87,703	140,024	227,727
Private elementary schools (estimated).....	6,648	19,768	5,171	29,572	6,322	38,977	11,466	60,101	3,761	62,509	4,236	47,239	51,475
Private high schools.....	4,275	5,842	4,512	6,634	5,698	9,248	18,167	13,631	9,859	15,194	8,130	12,587	20,717
Universities and colleges:													
Preparatory departments.....	2,599	1,601	2,807	1,741	2,714	1,593	1,564	1,251	1,643	1,314	1,251	1,000	2,251
Collegiate departments.....	8,987	2,110	14,051	3,230	21,644	6,469	39,735	14,460	60,298	17,226	59,438	17,658	77,090
Other departments.....	8,277	.....	13,285	.....	10,603	312	15,662	652	.....	.....	.....	.....	.....
Professional schools.....	1,068	1,847	1,692	3,122	2,963	5,161	5,315	7,588	3,842	6,061	3,063	5,337	9,000
Teachers colleges and normal schools, public.....	1,792	665	1,803	3,597	2,697	866	680	7,880	2,949	446	3,355	463	818
Teachers colleges and normal schools, private.....	1,413	699	4,736	1,200	2,976	3,189	1,963	2,211	7,104	1,767	1,464	1,767	3,231
Commercial and business schools.....	813	1,650	1,134	2,352	1,165	2,744	1,578	6,571	1,004	4,182	1,004	4,182	5,186
Schools for defectives and delinquents.....	1,189	1,763	1,702	2,456	1,141	652	447	1,132	441	1,113	515	1,113	1,628
Indian and Alaskan schools.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kindergartens:													
Public.....	1,350	7,150	1,500	8,000	0	10,022	.....	.....	.....	.....	.....	.....	.....
Private.....	.....	.....	.....	.....	0	717	.....	.....	.....	.....	.....	.....	.....
Total, including undistributed items.....	163,999	339,599	158,574	471,633	151,215	663,968	217,138	820,467	223,701	833,275	242,005	776,517	1,018,522

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

SOURCES OF INCOME, 1933-34

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

TABLE 7.—SOURCE OF INCOME, 1933-34

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

Schools	Student fees for educational purposes	Gifts	Other local sources	Total
1	6	7	8	9
Public:				
Elementary and secondary school system.....		\$372,148		\$1,940,250,782
Higher education ¹	\$32,799,015	5,727,477	\$33,094,008	206,205,938
Residential schools for the blind, deaf, mentally deficient, and delinquent (1931).....	(²)	252,759	1,394,325	51,010,261
Total public	32,799,015	6,352,384	35,069,333	2,197,466,981
Private:				
Elementary and secondary schools.....	(²)	(²)	138,607,045	138,607,045
Higher education ¹	105,458,335	52,920,232	94,217,700	261,453,564
Residential schools for the blind, deaf, mentally deficient, and delinquent (1931).....	(²)	2,442,564	1,274,943	6,883,345
Total private	105,458,335	55,362,796	234,099,748	405,943,964
Grand total	138,257,350	61,715,180	269,169,081	2,604,410,935

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

EXPENDITURES FOR PUBLIC AND PRIVATE EDUCATION

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

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

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

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

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

Schools	Public	Private	Total
1	2	3	4
Elementary schools (including kindergarten).....	\$1, 146, 934, 998	\$108, 342, 138	\$1, 255, 277, 136
High schools and academies.....	573, 170, 231	30, 164, 907	603, 335, 138
Universities, colleges, and professional schools (including preparatory departments).....	157, 686, 707	226, 482, 246	384, 168, 953
Teachers colleges and normal schools ¹	33, 219, 762	2, 713, 192	35, 932, 954
Schools for delinquents (1931) ¹	1, 794, 763	240, 222	2, 034, 985
Schools for deaf (1931) ¹	2, 270, 431	490, 013	2, 760, 444
Schools for blind (1931) ¹	840, 798	222, 854	1, 063, 652
Schools for mentally deficient (1931) ¹	595, 574	149, 147	744, 721
Government schools for Indians ²	9, 578, 438	.....	9, 578, 438
Total expenditures (continental United States).....	1, 826, 091, 697	368, 804, 719	2, 294, 896, 416
Federal Government schools for natives of Alaska.....	564, 563	.....	564, 563
Territorial public schools in Alaska.....	803, 678	.....	803, 678

¹ Estimated.

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

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

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

⁵ State and private residential schools only; city public schools not included.

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

VALUE OF PROPERTY AND ENDOWMENTS

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

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

(Thousands of dollars)

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

SURVIVAL RATE

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

TABLE 10.—SURVIVAL OF 1,000 PUPILS ENROLLED IN FIFTH GRADE¹ PUBLIC ELEMENTARY AND SECONDARY SCHOOLS

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

¹ Fourth grade in 11-grade system; fifth grade in 12-grade system.

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

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

ESTIMATED EDUCATION OF THE ADULT POPULATION

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

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

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

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

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

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

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