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DIGEST OF EDUCATIONAL STATISTICS

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Foreword

This *Digest of Educational Statistics* is the third in a series of annual publications initiated by the Office of Education in October 1962. It is a compilation of significant statistical material pertaining to American education. It contains information on a variety of subjects within the broad field of educational statistics, including schools and colleges, enrollments, teachers, graduates, educational attainment, finances, Federal programs in the field of education, libraries, international education, and research and development. It should prove useful to persons interested in the nature and scope of education in the United States, and in particular to those individuals who are concerned with the formulation and conduct of educational policy.

The *Digest* is divided into five chapters: (1) Elementary and secondary education, (2) higher education, (3) all levels of education, (4) Federal programs of education, and (5) miscellaneous statistics related to American education. To be included in this publication, the data were required to be nationwide in scope and of current interest and value. Series going back 10 years or more have been employed in many instances in order to provide a certain amount of historical background. Although most of the data were transcribed directly from original sources, they were sometimes regrouped or even retabulated to fit into the general pattern of this publication.

This edition of the *Digest* contains a great deal of new material which did not appear in those of earlier years. Among the tables presented for the first time this year are statistics on nonpublic elementary schools, enrollments in public high school subjects, illiteracy rates, residence and migration of college students, higher education enrollment by undergraduate and graduate levels, faculty salaries by academic field, and educational expenditures related to the gross national product.

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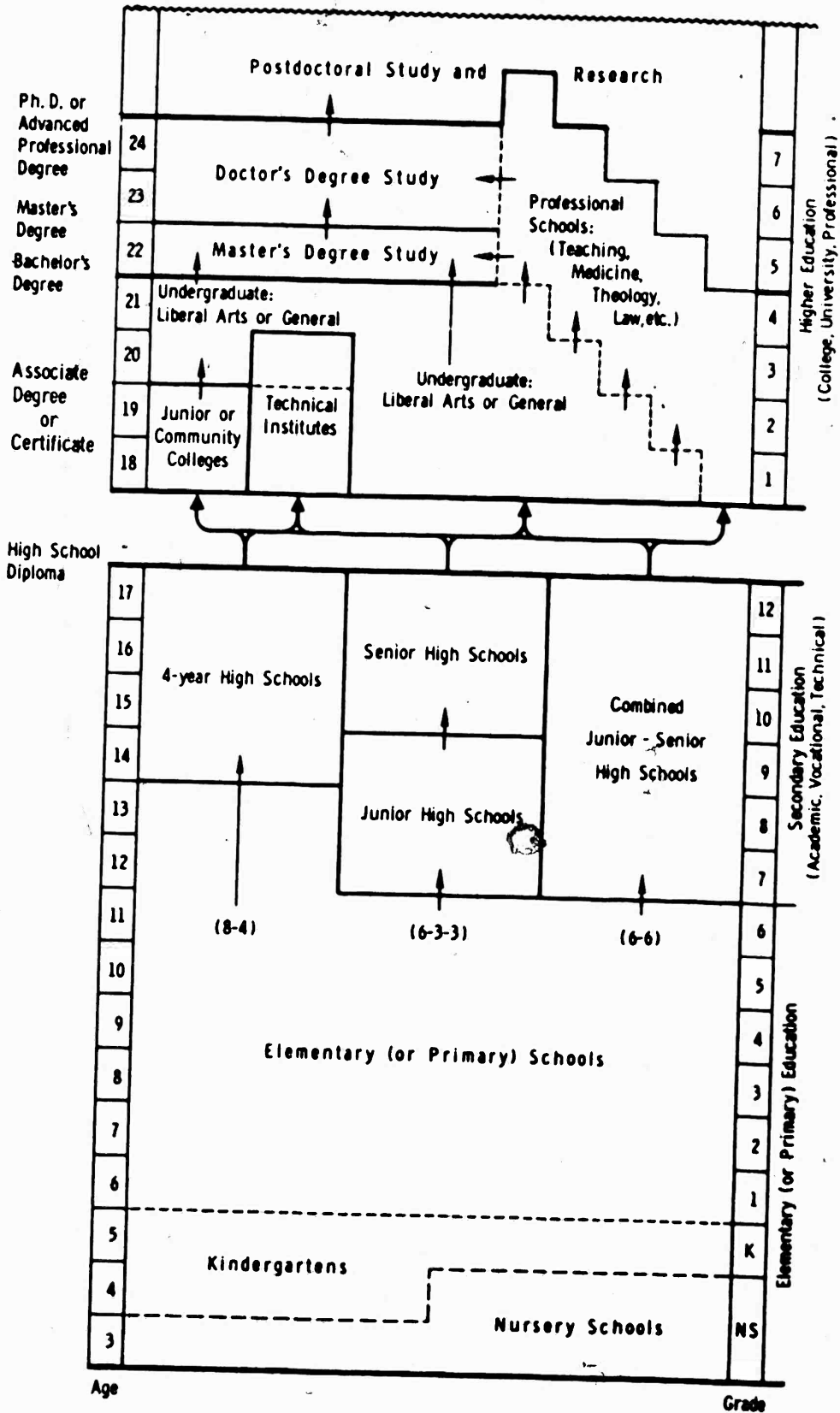
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Figure 1.—The structure of education in the United States



Introduction

FIGURE 1 presents a general picture of the structure of education in the United States. At the right side of the figure three levels of education are indicated: elementary, secondary (high schools), and higher (colleges, universities, and professional schools). The approximate age of persons in each level is given at the left side.

Three structural patterns below the college level are in common use. The pattern shown at the left is commonly called the 8-4 plan, meaning that after nursery school and kindergarten the pupils spend 8 years in the elementary school and 4 in the high school. The pattern in the center is generally called the 6-3-3 plan, meaning that after kindergarten the pupils spend 6 years in the elementary school, 3 in the junior high school, and 3 in the senior high school. The pattern at the right, called the 6-6 plan, means that pupils spend 6 years in the elementary school and 6 in the high school. All three plans lead to high school graduation at the age of 17 or 18 years.

High schools generally can be classified as comprehensive or specialized. The comprehensive high school provides two or more academic, vocational, technical, or general programs of education in the same school. The specialized high school concentrates on one type of program. Large city school systems tend to specialize the high schools, providing separate schools for vocational and technical programs. Vocational and technical high schools, however, sometimes offer the general subjects usually required for college entrance, so that a student who selects these courses can enter a college or university.

Graduates of the high school may enter a junior college, a technical institute, a 4-year college or university, or a professional school. The junior college normally offers the first 2 years of a standard 4-year college program and a broad selection of terminal-vocational courses. Academic courses offered by the junior colleges are transferable for credit to 4-year colleges and universities. The technical institute offers postsecondary technical training not leading to professional degrees.

Professional schools, as indicated at the upper right of the figure, begin at different levels and have programs of different lengths. For example, medical students must complete at least 3 years of premedical

studies at a college or university before they can enter the 4-year course of the medical school; engineering students, on the other hand, can enter an engineering school immediately upon the completion of the secondary school.

CHAPTER I

Elementary and Secondary Education

THE UNITED STATES has gone a long way toward providing universal elementary and secondary education for its citizens. While regulations differ somewhat from one jurisdiction to another, it may be said in general that free public education is available to all and that school attendance is compulsory between the ages of 7 and 16. Approximately two-thirds of our 5-year olds are now enrolled in school; from age 6 to 13 (the usual age for enrollment in the elementary grades), 99 percent of our children are attending school; and in the 14-to-17 age group (the usual high school age), 93 percent are enrolled in educational institutions. Approximately two-thirds of the young people graduate from high school today, and more than one-third of the young adults may be expected to enter college.

The largest segment of our school population is found in public elementary and secondary schools. Public school enrollments account for about 85 percent of the total enrollment in kindergarten through grade 8, and for 90 percent of the pupils enrolled in grades 9 through 12. In recent years, however, there has been a tendency for nonpublic school enrollments to grow at a somewhat faster rate than enrollments in public schools.

The Office of Education obtains comprehensive data biennially on public elementary and secondary schools in its survey of *State School Systems*, and it supplements this study with an annual survey of *Enrollment, Teachers, and Schoolhousing in Full-Time Public Elementary and Secondary Day Schools*. Surveys of nonpublic elementary and secondary schools have been conducted at less frequent intervals, but a great deal of valuable information on these schools has been made available by the State education agencies, the National Catholic Welfare Conference, and the Bureau of the Census.

In general, the statistics in this section relate to 48 States and the District of Columbia through the school year 1957-58. Data for 1958-59 include Alaska, and those for 1959-60 and subsequent years include both Alaska and Hawaii. Any deviation from this rule is clearly indicated in the tabular presentation.

Table 1.—Enrollment in full-time public elementary and secondary day schools, by level and State: Fall 1963 and fall 1964

Region and State	Fall 1963			Fall 1964		
	Total	Elementary	Secondary	Total	Elementary	Secondary
1	2	3	4	5	6	7
United States	40,217,215	25,814,893	14,402,322	41,000,000	26,100,000	14,900,000
NORTH ATLANTIC	9,416,063	5,640,654	3,775,579	9,600,500	5,744,000	3,856,500
Connecticut.....	542,179	379,064	162,815	556,300	390,700	165,600
Delaware.....	99,127	57,264	41,863	103,200	59,800	43,400
Maine.....	215,518	145,588	69,930	211,500	141,300	70,200
Maryland.....	704,379	406,400	298,979	729,200	419,100	310,100
Massachusetts.....	977,431	596,033	381,398	995,100	608,900	386,200
New Hampshire.....	120,528	77,264	43,264	124,100	78,300	45,800
New Jersey.....	1,212,712	800,919	411,793	1,251,400	824,300	427,100
New York.....	3,052,375	1,764,565	1,287,810	3,101,200	1,796,900	1,304,300
Pennsylvania.....	2,125,913	1,186,650	939,263	2,155,100	1,194,700	960,400
Rhode Island.....	147,301	84,325	62,976	150,500	86,200	64,300
Vermont.....	80,882	55,020	25,862	81,900	55,100	26,800
District of Columbia.....	137,718	87,792	49,926	141,000	88,800	52,200
GREAT LAKES AND PLAINS	11,230,906	7,375,222	3,855,654	11,448,000	7,392,500	4,053,100
Illinois.....	1,980,017	1,292,818	687,199	2,052,000	1,277,200	774,800
Indiana.....	1,072,108	667,923	404,185	1,087,800	664,100	423,500
Iowa.....	607,823	396,189	221,634	607,400	396,700	230,700
Kansas.....	496,875	350,920	136,956	502,200	357,600	144,600
Michigan.....	1,852,528	1,108,608	743,920	1,885,200	1,114,600	770,600
Minnesota.....	760,026	430,313	329,713	778,700	433,600	345,100
Missouri.....	881,050	650,450	230,600	890,800	660,800	230,000
Nebraska.....	310,229	195,222	115,007	315,100	195,700	119,400
North Dakota.....	145,184	91,115	54,069	146,100	92,000	54,100
Ohio.....	2,162,663	1,585,255	877,408	2,218,200	1,614,800	800,700
South Dakota.....	162,843	108,731	54,112	162,700	107,400	55,300
Wisconsin.....	790,560	498,678	300,882	811,600	498,300	313,300
SOUTHEAST	9,463,839	6,110,825	3,353,314	9,561,000	6,134,500	3,426,500
Alabama.....	830,410	481,738	357,672	848,300	498,400	359,900
Arkansas.....	430,617	246,093	183,524	430,800	246,100	183,700
Florida.....	1,143,582	654,645	488,937	1,178,000	676,800	501,500
Georgia.....	1,020,021	676,510	343,511	1,036,200	690,700	355,500
Kentucky.....	650,228	438,223	221,006	653,800	428,700	225,100
Louisiana.....	762,022	477,706	284,316	773,200	480,700	292,500
Mississippi.....	573,177	350,573	216,604	575,300	353,400	221,900
North Carolina.....	1,167,646	848,234	519,412	1,176,200	844,400	531,800
South Carolina.....	627,451	388,117	239,334	632,000	387,800	244,200
Tennessee.....	853,832	506,134	287,699	858,100	509,300	288,800
Virginia.....	999,137	625,701	313,436	998,000	636,800	322,300
West Virginia.....	438,716	250,851	157,865	432,500	243,000	189,500
WEST AND SOUTH-WEST	10,106,407	6,690,642	3,415,745	10,309,500	6,829,000	3,590,500
Alaska.....	53,145	38,255	14,890	55,900	39,800	16,000
Arizona.....	350,210	257,147	98,063	349,000	250,400	98,600
California.....	3,946,800	2,604,400	1,342,400	4,098,200	2,692,800	1,405,400
Colorado.....	450,820	276,248	153,572	475,700	286,000	189,700
Hawaii.....	155,317	92,086	63,282	156,300	92,800	63,500
Idaho.....	170,148	94,285	75,863	171,400	94,900	76,500
Montana.....	161,220	106,689	54,541	163,600	108,200	55,400
Nevada.....	92,039	58,751	33,288	103,300	68,000	37,300
New Mexico.....	251,026	147,061	103,966	259,500	151,900	106,600
Oklahoma.....	685,855	377,442	258,413	690,800	382,200	267,100
Oregon.....	429,639	299,938	150,701	437,800	270,800	167,300
Texas.....	2,300,858	1,805,175	955,663	2,445,000	1,820,000	918,000
Utah.....	209,839	157,806	111,034	275,800	182,000	113,800
Washington.....	704,102	403,704	300,396	710,200	399,100	311,100
Wyoming.....	87,379	51,727	35,652	88,900	52,700	36,200

See footnotes at end of table.

ELEMENTARY AND SECONDARY EDUCATION

Table 1.—Enrollment in full-time public elementary and secondary day schools, by level and State: Fall 1963 and fall 1964—Continued

Region and State	Fall 1963			Fall 1964 ¹		
	Total	Elementary	Secondary	Total	Elementary	Secondary
1	2	3	4	5	6	7
Outlying areas	645,989	434,375	221,675	647,599	422,399	224,299
American Samoa.....	6,869	¹ 5,376	¹ 1,493	6,500	4,900	1,600
Canal Zone.....	13,061	¹ 7,534	¹ 5,517	13,400	7,800	5,600
Guam.....	18,230	¹ 8,952	¹ 9,288	18,300	8,900	9,400
Puerto Rico.....	602,516	¹ 398,953	¹ 206,563	603,700	395,100	207,600
Virgin Islands.....	8,264	¹ 4,430	¹ 2,834	8,600	4,600	4,000

¹ Estimated. ² Data for elementary and secondary schools are reported by grade-group: kindergarten through grade 6 for elementary, and grades 7 through 12 for secondary. ³ Data for elementary and secondary schools are reported by grade-group: kindergarten through grade 8 for elementary, and grades 9 through 12 for secondary. ⁴ Data as of June 1963. ⁵ Excludes vocational schools not operating as part of the regular public school system. ⁶ Data for elementary and secondary schools are reported by grade-group: kindergarten through grade 7 for elementary, and grades 8 through 12 for secondary.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Fall 1963 Statistics on Enrollment, Teachers, and Schoolhousing in Full-Time Public Elementary and Secondary Day Schools*, and Office of Education estimates.

Table 2.—Enrollment in regular¹ elementary and secondary day schools, by grade and control: United States, fall 1963 and fall 1964

(In thousands)

Grade	Fall 1963			Fall 1964 ¹		
	Total	Public schools	Nonpublic schools	Total	Public schools	Nonpublic schools
1	2	3	4	5	6	7
All grades	46,854	46,317	6,637	47,859	46,959	6,999
Kindergarten through grade 8	34,794	29,354	¹ 5,359	35,299	29,799	5,509
Kindergarten.....	2,314	2,156	158	2,409	2,257	152
First grade.....	4,090	3,945	745	4,604	3,847	757
Second grade.....	4,338	3,633	705	4,390	3,634	746
Third grade.....	4,179	3,490	689	4,294	3,590	694
Fourth grade.....	4,070	3,399	671	4,125	3,447	678
Fifth grade.....	3,942	3,304	638	4,017	3,357	660
Sixth grade.....	3,857	3,235	622	3,993	3,265	628
Seventh grade.....	3,759	3,177	582	3,809	3,197	612
Eighth grade.....	3,555	3,015	540	3,579	3,106	573
Grades 9 through 12	12,159	16,963	1,287	12,560	11,259	1,400
Ninth grade.....	3,488	3,136	352	3,516	3,117	399
Tenth grade.....	3,276	2,945	331	3,324	2,965	359
Eleventh grade.....	3,099	2,684	315	3,037	2,711	326
Twelfth grade.....	2,387	2,108	279	2,773	2,457	316

¹ Excludes enrollment in subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools.

² Estimated.

NOTE.—Enrollments in postgraduate, ungraded, and special classes are not shown separately in this table but are prorated among the regular grades.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Fall 1963 Statistics on Enrollment, Teachers, and Schoolhousing in Full-Time Public Elementary and Secondary Day Schools*, and Office of Education estimates.

Table 3.—Enrollment by grade¹ in full-time public elementary and secondary day schools: United States, 1952-53 to 1963-64

Grade	[In thousands]											
	1963-64	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9	10	11	12	13
	NUMBER											
All grades.....	27,587	28,536	29,945	31,163	32,234	33,529	34,539	44,987	37,290	38,253	39,744	41,261
Kindergarten through grade 8.....	21,628	22,546	23,471	24,290	25,016	25,689	26,581	27,682	28,429	29,096	29,374	30,109
Kindergarten.....	1,200	1,474	1,416	1,504	1,678	1,772	1,834	1,923	2,000	2,065	2,162	2,211
First grade.....	2,548	2,606	2,618	2,685	2,691	2,697	2,679	2,723	2,822	2,867	2,928	2,947
Second grade.....	2,639	2,640	2,631	2,642	2,641	2,616	2,646	2,630	2,602	2,598	2,630	2,676
Third grade.....	2,633	2,649	2,656	2,671	2,653	2,616	2,679	2,632	2,605	2,628	2,618	2,680
Fourth grade.....	2,694	2,666	2,635	2,648	2,628	2,626	2,642	2,646	2,778	2,743	2,801	2,866
Fifth grade.....	2,630	2,607	2,573	2,581	2,568	2,581	2,580	2,518	2,531	2,518	2,522	2,599
Sixth grade.....	2,276	2,449	2,594	2,470	2,443	2,769	2,136	2,070	2,086	2,065	2,190	2,318
Seventh grade.....	2,143	2,242	2,432	2,470	2,478	2,458	2,136	2,173	2,128	2,122	2,140	2,259
Eighth grade.....	1,973	2,082	2,177	2,357	2,490	2,366	2,381	2,701	2,063	2,021	2,063	2,098
Grades 9 through 12 and postgraduate.....	5,953	6,290	6,474	6,873	7,218	7,840	8,258	8,455	8,821	9,546	10,372	11,153
First year high school.....	1,861	1,944	2,026	2,143	2,268	2,480	2,412	2,412	2,760	2,856	2,981	3,204
Second year high school.....	1,679	1,717	1,765	1,819	1,874	2,184	2,219	2,256	2,283	2,606	2,981	3,019
Third year high school.....	1,307	1,412	1,520	1,643	1,815	1,786	1,955	2,063	1,997	2,018	2,548	2,782
Fourth year high school.....	1,108	1,180	1,246	1,326	1,431	1,431	1,536	1,747	1,820	1,791	1,866	1,917
Postgraduate.....	27	27	13	13	13	19	35	4	2	7	9	8

PERCENT

	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		
All grades.....	8.1	12.7	11.3	10.4	9.8	9.1	8.0	7.9	8.2	7.7	7.6	7.6	7.3	7.3	7.4	6.9	6.7	6.1	5.0	4.2	4.2	4.3	4.3	
Kindergarten.....	12.2	10.7	11.8	10.4	9.8	9.1	8.0	7.9	8.2	7.7	7.6	7.6	7.3	7.3	7.4	6.9	6.7	6.1	5.0	4.2	4.2	4.3	4.3	
First grade.....	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	
Second grade.....	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	
Third grade.....	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	
Fourth grade.....	8.3	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	
Fifth grade.....	7.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	
Sixth grade.....	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	
Seventh grade.....	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	
Eighth grade.....	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	
First year high school.....	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
Second year high school.....																								
Third year high school.....																								
Fourth year high school.....																								
Postgraduate.....																								

1 Enrollment in ungraded and special classes is not shown separately but is prorated among the grades.
 2 Data derived from special studies or estimates.
 3 Estimated from fall data.
 4 Italicized figures, shown in normal progression, indicate enrollments in successive grades of the pupils who entered the first grade in 1922-23, including retarded and accelerated pupils. Because of retardation, school retention rates should not be calculated directly from first-grade enrollments.
 5 Less than 0.05 percent.

NOTE.—Data for 1929-30 include Alaska; data for 1930-31 and subsequent years include Alaska and Hawaii. Because of rounding, detail may not add to totals.
 SOURCE: U. S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1927-28*, and Office of Education estimates.

Table 4.—Enrollment, attendance, and length of school term in public elementary and secondary day schools, by State: 1961-62

Region and State	Enrollment ¹			Average daily attendance	Percent of pupils enrolled attending daily (col. 5+col. 2)	Average length of term (in days)
	Total	Kindergarten through grade 8	Grades 9 through 12 and post-graduate			
1	2	3	4	5	6	7
United States.....	38,252,673	28,686,420	9,566,253	34,682,340	90.7	179.1
NORTH ATLANTIC	8,872,636	6,526,827	2,345,809	8,046,446	90.7	181.9
Connecticut.....	515,583	388,750	126,833	462,096	89.6	180.5
Delaware ²	90,266	67,191	23,075	82,330	91.2	180.3
Maine.....	204,891	156,922	47,969	191,640	93.5	181.9
Maryland.....	650,234	487,959	162,275	583,301	89.7	181.0
Massachusetts.....	³ 916,764	670,483	246,281	833,243	⁴ 90.9	180.8
New Hampshire.....	113,713	85,227	28,486	102,920	90.5	180.2
New Jersey.....	1,141,151	843,543	297,608	1,019,484	89.3	181.5
New York.....	2,856,164	2,089,465	766,699	⁴ 2,606,664	91.3	183.0
Pennsylvania.....	² 2,032,622	1,468,888	563,734	⁴ 1,854,843	³ 91.3	182.2
Rhode Island.....	³ 141,971	104,756	37,215	125,746	⁴ 88.6	180.0
Vermont.....	³ 76,345	58,643	17,702	⁴ 69,100	⁴ 90.5	⁴ 177.0
District of Columbia.....	132,932	105,000	27,932	115,079	86.6	181.9
GREAT LAKES AND PLAINS	10,709,732	7,997,726	2,712,006	9,589,262	89.5	179.2
Illinois.....	1,892,238	1,416,342	475,896	1,617,255	85.5	180.2
Indiana.....	1,037,631	774,234	263,397	893,390	86.1	177.2
Iowa.....	617,050	463,498	153,552	563,195	91.3	178.9
Kansas.....	507,125	390,215	126,910	450,845	88.9	179.0
Michigan.....	¹ 1,735,203	1,314,559	420,644	1,564,708	³ 90.2	⁴ 180.0
Minnesota.....	725,795	528,075	199,720	666,413	91.8	175.2
Missouri.....	857,620	640,641	216,979	742,390	86.6	182.6
Nebraska.....	303,647	227,684	75,963	278,211	91.6	177.2
North Dakota.....	141,966	103,126	38,840	130,051	91.6	179.9
Ohio.....	¹ 1,975,537	1,493,404	482,133	1,871,497	³ 94.7	178.8
South Dakota.....	163,630	122,645	40,985	147,699	90.3	184.1
Wisconsin ⁷	752,290	535,303	216,987	663,608	88.2	178.7
SOUTHEAST	9,284,224	7,060,361	2,203,863	8,366,019	89.5	178.4
Alabama.....	807,287	616,863	190,424	733,921	90.9	175.3
Arkansas.....	435,610	324,897	110,713	386,081	88.6	174.9
Florida.....	1,108,801	838,296	270,505	979,616	88.3	180.0
Georgia.....	996,548	769,639	226,909	871,773	87.5	180.0
Kentucky.....	651,486	495,963	155,523	585,784	89.9	175.4
Louisiana.....	732,645	561,686	170,959	658,511	89.9	179.3
Mississippi.....	585,807	459,015	126,792	504,402	86.1	175.3
North Carolina.....	1,141,605	855,731	285,874	1,037,042	90.8	180.0
South Carolina.....	630,628	488,398	142,230	555,431	88.1	180.0
Tennessee.....	847,852	644,846	203,006	772,350	91.1	176.1
Virginia.....	900,267	697,149	203,118	811,926	90.2	180.3
West Virginia.....	445,988	330,858	115,130	409,332	91.8	180.2

See footnotes at end of table.

Table 4.—Enrollment, attendance, and length of school term in public elementary and secondary day schools, by State: 1961-62—Continued

Region and State	Enrollment ¹			Average daily attendance	Percent of pupils enrolled attending daily (col. 5+ col. 2)	Average length of term (in days)
	Total	Kindergarten through grade 8	Grades 9 through 12 and post-graduate			
1	2	3	4	5	6	7
WEST AND SOUTH-WEST	9,386,061	7,061,506	2,304,575	8,740,613	93.1	176.9
Alaska.....	52,724	43,138	9,586	45,031	85.4	176.0
Arizona.....	² 345,044	262,775	82,269	294,036	³ 85.2	168.0
California.....	⁴ 3,549,362	2,690,910	868,452	⁵ 3,515,348	⁶ 99.0	177.9
Colorado.....	439,131	335,969	103,162	396,624	88.0	179.3
Hawaii.....	⁷ 148,201	110,217	37,984	139,256	⁸ 94.0	179.0
Idaho.....	172,731	128,207	44,524	⁹ 156,800	90.8	177.0
Montana.....	153,910	116,528	38,382	140,919	91.6	180.6
Nevada.....	80,719	62,497	18,222	66,594	82.6	179.5
New Mexico.....	245,079	186,826	58,253	215,504	87.9	180.0
Oklahoma.....	557,262	407,808	149,454	503,671	90.4	176.6
Oregon.....	413,663	300,022	113,641	365,944	88.5	179.8
Texas.....	2,225,931	1,710,999	514,932	1,975,474	88.7	173.5
Utah.....	254,843	190,569	64,274	235,010	92.2	180.2
Washington.....	¹⁰ 660,076	481,675	178,401	623,837	¹¹ 94.5	¹² 180.0
Wyoming.....	87,405	66,366	21,039	76,565	87.6	181.1
Outlying areas						
American Samoa.....	¹³ 5,449	4,560	889	(¹⁴)	(¹⁵)	180.0
Canal Zone.....	12,000	8,646	3,354	11,465	95.5	179.0
Guam.....	14,870	11,843	3,027	13,251	89.1	177.9
Puerto Rico.....	569,458	486,708	102,750	524,218	88.9	183.3
Virgin Islands.....	7,624	6,477	1,147	6,999	91.8	176.5

¹ Enrollment figures for a given State include pupils who enrolled for the first time in the United States during the school year and pupils who were previously enrolled in another State. ² Includes estimated data for kindergarten. ³ Enrollment not cumulative, but as of a specific date; hence, the ratio of attendance to enrollment is not strictly comparable with the ratios for other States. ⁴ Estimated by Office of Education. ⁵ Estimated by State. ⁶ Represents minimum number of days schools must be in session. ⁷ Excludes vocational schools not operated as part of the regular public school system. ⁸ Because attendance in California includes excused absences and enrollment is not cumulative, the ratio of attendance to enrollment is not strictly comparable with ratios for other States. ⁹ Data not available.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1961-62*.

Table 5.—Historical summary of public elementary and secondary school statistics: United States, 1869-70 to 1961-62

Item	1869-70	1870-80	1880-90	1890-1900	1900-10	1910-20	1920-30	1930-40	1940-50	1950-60	1961-62
Population, Pupils, and Instructional Staff											
Total population ¹ (thousands).....	39,818	50,156	62,948	76,995	90,492	104,512	121,770	130,880	148,665	179,823	183,043
Population aged 5-17 years inclusive ¹ (thousands).....	12,085	15,066	18,543	21,578	24,009	27,556	31,417	30,150	30,168	43,881	46,280
Percent of total population aged 5-17.....	30.3	30.0	29.5	28.4	26.5	26.4	25.8	23.0	20.3	24.5	24.7
Total enrollment in elementary and secondary day schools (thousands).....	6,872	9,867	12,723	15,503	17,814	21,578	25,678	25,434	25,111	36,087	38,263
Nursery, kindergarten, and grades 1-8 (thousands).....	6,792	9,757	12,520	14,964	16,899	19,378	21,279	18,833	19,387	27,602	28,686
Grades 9-12 and postgraduates (thousands).....	110	110	203	510	915	2,200	4,399	6,601	7,255	8,485	9,566
Percent of total population enrolled.....	17.3	19.7	20.2	20.4	19.7	20.6	21.1	19.4	16.9	20.1	20.9
Percent of population 5-17 years enrolled.....	57.0	65.5	68.6	71.9	74.2	78.3	81.7	84.4	83.2	82.2	84.5
Percent of total enrollment in high schools (grades 9-12 and postgraduates).....	1.2	1.1	1.6	3.3	5.1	10.2	17.1	26.0	22.7	23.5	25.0
Average daily attendance (thousands).....	4,077	6,144	8,154	10,633	12,827	16,150	21,265	22,042	22,284	32,477	34,682
Total number of days attended by all pupils enrolled (thousands).....	639,053	800,720	1,068,233	1,534,822	2,011,477	2,616,161	3,672,765	3,868,012	3,964,354	5,781,774	6,210,069
Percent of enrolled pupils attending daily.....	59.3	62.3	64.1	68.6	72.1	74.8	82.8	86.7	88.7	90.0	90.7
Average length of school term (in days).....	132.2	130.3	134.7	144.3	157.5	161.9	172.7	175.0	177.9	178.0	179.1
Average number of days attended by each pupil enrolled.....	78.4	81.1	86.3	99.0	113.0	121.2	143.0	151.7	157.9	160.2	162.3
Total instructional staff (thousands).....	201	287	364	423	523	657	843	875	914	1,387	1,504
Supervisors (thousands).....	78	123	126	127	110	126	140	186	195	242	245
Principals (thousands).....	123	164	203	266	413	565	703	661	719	965	1,053
Teachers, librarians, and other non-supervisory instructional staff (thousands).....	38.7	42.8	34.5	29.9	21.1	14.1	16.6	22.2	21.3	29.0	30.0
Men (thousands).....											
Women (thousands).....											
Percent men.....											

ELEMENTARY AND SECONDARY EDUCATION

AMOUNTS IN THOUSANDS OF DOLLARS (UNADJUSTED)

Finance	\$143,196	\$219,706	\$433,064	\$970,120	\$2,088,557	\$5,457,044	\$14,746,618	\$17,527,707
Total revenue receipts	26,345	37,887	64,606	134,279	329,313	2,122,763	5,458,943	6,508,256
From State taxes and appropriations	97,222	149,487	312,223	788,897	1,945,688	2,900,561	8,081,854	9,630,015
From intermediate and local taxes and appropriations	19,657	32,362	58,238	76,945	113,557	413,720	1,254,821	1,889,486
From all other sources	18.4	17.2	14.9	13.8	15.8	29.2	37.0	37.1
State taxes and appropriations	67.9	68.0	72.1	78.2	78.8	65.9	54.4	54.9
Intermediate and local taxes and appropriations	13.7	14.8	13.0	8.0	5.4	7.6	8.5	8.0
All other sources	\$63,897	\$214,906	\$498,260	\$1,086,161	\$2,316,700	\$5,837,643	\$15,613,265	\$18,338,487
Total expenditures for elementary and secondary day schools	114,800	179,514	366,272	861,120	1,943,552	4,687,274	12,329,289	14,894,418
Capital outlay	26,207	35,451	60,978	133,543	370,878	1,014,176	2,651,786	2,862,153
Interest on school debt				18,212	92,588	100,578	486,514	567,823
Other expenditures				3,277	9,826	36,614	132,597	194,068
Percent of total expenditures devoted to:								
Current expenditures for elementary and secondary day schools	81.3	83.5	83.6	83.1	79.6	82.8	79.0	80.1
Capital outlay	18.7	13.5	16.4	14.8	16.0	17.4	17.0	15.6
Interest on school debt				1.8	4.0	1.7	3.1	3.2
Other expenditures				.3	.4	.6	.8	1.1

DATA IN UNADJUSTED DOLLARS

\$189	\$196	\$262	\$225	\$485	\$871	\$1,420	\$1,441	\$5,769
1.89	1.96	2.23	2.83	4.71	9.91	19.08	17.91	5,774
15.56	12.71	17.23	20.21	33.23	64.16	108.49	108.74	100.19
						3,945	3,502	2,374
.12	.10	.13	.14	.21	.40	.50	1.17	418.50
						10,312	12,847	517.97
						1.45	2.11	12,683
						2.65	2.84	2.89

Total revenue receipts
From State taxes and appropriations
From intermediate and local taxes and appropriations
From all other sources
Percent of revenue receipts derived from:
State taxes and appropriations
Intermediate and local taxes and appropriations
All other sources
Total expenditures for elementary and secondary day schools
Capital outlay
Interest on school debt
Other expenditures
Percent of total expenditures devoted to:
Current expenditures for elementary and secondary day schools
Capital outlay
Interest on school debt
Other expenditures

Average annual salary of total instructional staff
Personal income per member of the labor force
Total population for all schools per capita of total population
National income per capita of total population
Current expenditure per pupil in A.D.A.
Total expenditure per day schools per pupil in A.D.A.
National income per pupil in A.D.A.
Current expenditure per day per pupil in A.D.A.
Total expenditure for day schools per day per pupil in A.D.A.

See footnotes at end of table.

Table 5.—Historical summary of public elementary and secondary school statistics: United States, 1869-70 to 1961-62—Continued

Item	1869-70	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1949-50	1959-60	1961-62
1	2	3	4	5	6	7	8	9	10	11	12
DATA IN ADJUSTED DOLLARS—1961-62 PURCHASING POWER											
Average annual salary of total instructional staff.....						\$1,374	\$2,493	\$3,100	\$3,821	\$5,295	\$6,700
Personal income per member of the labor force.....							2,900	2,918	4,316	5,539	6,774
Total expenditure for all schools per capita of total population.....						15.63	33.41	38.54	49.85	89.10	100.19
National income per capita of total population.....						1,171	1,263	1,263	1,930	2,325	2,374
Current expenditure per pupil in A.D.A.....						84.09	162.24	189.53	265.11	383.88	418.50
Total expenditure for day schools per pupil in A.D.A.....						101.18	190.50	227.51	328.61	483.17	517.97
National income per pupil in A.D.A.....						6.761	7.535	7.535	13,091	12,899	12,683
Current expenditure per day per pupil in A.D.A.....						.62	.88	1.08	1.49	2.16	2.34
Total expenditure for day schools per day per pupil in A.D.A.....						.63	1.11	1.29	1.85	2.71	2.89

¹ Data on population and labor force are from the Bureau of the Census, and data on personal income and national income from the Office of Business Economics, U.S. Department of Commerce.

² Data for 1870-71.

³ From reports of public high schools.

⁴ Prior to 1919-20 data are for number of different persons employed rather than number of positions.

⁵ Estimated by Office of Education.

⁶ Because of a modification of the scope of "current expenditures for elementary and secondary day schools," data for 1959-60 and 1961-62 are not entirely comparable with data for prior years.

⁷ Includes summer schools, community colleges, and adult education. Beginning in 1959-60, also includes community services, formerly classified with "current expenditures for elementary and secondary day schools."

⁸ Includes supervisors of instruction, principals, teachers, and other nonsupervisory instructional staff.

⁹ Excludes current expenditures not allocable to pupil costs.

¹⁰ "A.D.A." means average daily attendance in elementary and secondary day schools.

¹¹ Includes interest on school debt.

¹² The expenditure figure used here is the sum of current expenditures allocable to pupil costs, capital outlay, and interest on school debt.

¹³ Per-day rates derived by dividing annual rates by average length of term.

NOTE.—Beginning in 1959-60, includes Alaska and Hawaii. Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1961-62*.



Table 6.—Number and percent of pupils enrolled in public secondary schools, by type of school: United States, 1919-20 to 1958-59

School year	All types of school	Type of school			
		Traditional ¹	Junior ²	Senior ³	Junior-senior ⁴
1	2	3	4	5	6
1919-20:					
Number.....	1,999,106	1,667,480	37,331	17,791	276,504
Percent.....	100.0	83.4	1.9	0.9	13.8
1929-30:					
Number.....	5,212,179	2,652,271	1,036,919	543,813	979,176
Percent.....	100.0	50.9	19.9	10.4	18.8
1937-38:					
Number.....	7,423,573	3,230,708	1,408,584	972,218	1,812,063
Percent.....	100.0	43.5	19.0	13.1	24.4
1945-46:					
Number.....	6,840,799	2,632,021	1,274,523	1,148,632	1,785,623
Percent.....	100.0	38.5	18.6	16.8	26.1
1951-52:					
Number.....	7,688,919	1,937,210	1,526,996	1,528,006	2,696,707
Percent.....	100.0	25.2	19.8	19.9	35.1
1958-59:					
Number.....	11,044,119	1,939,117	2,749,602	2,818,479	3,536,921
Percent.....	100.0	17.5	25.0	25.5	32.0

¹ Includes 4-year high schools preceded by 8-year elementary schools. No reorganization has taken place.

² Includes 2-year and 3-year junior high schools.

³ Includes 3-year and 4-year senior high schools preceded by junior high schools.

⁴ Includes 5-year and 6-year high schools.

NOTE.—Data are for 48 States and District of Columbia.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of Education in the United States, 1968-69 Series, Number 1, Public Secondary Schools.*

Table 7.—Enrollment in grades 9-12 in public and nonpublic schools compared with population 14-17 years of age: United States, 1889-90 to 1963-64

School year	Enrollment, grades 9-12 and postgraduate ¹			Population 14-17 years of age ²	Total number enrolled per 100 persons 14-17 years of age
	All schools	Public schools	Nonpublic schools		
1	2	3	4	5	6
1889-90.....	359,949	202,963	94,931	5,354,653	6.7
1890-1900.....	699,403	519,251	110,797	6,152,231	11.4
1909-10.....	1,115,398	915,061	117,400	7,220,298	15.4
1919-20.....	2,500,176	2,200,389	213,920	7,735,841	32.3
1929-30.....	4,804,255	4,399,422	341,158	9,341,221	51.4
1939-40.....	7,123,009	6,635,337	487,672	9,720,419	73.3
1941-42.....	6,933,265	6,420,544	512,721	9,749,000	71.1
1943-44.....	6,030,617	5,584,656	445,961	9,449,000	63.8
1945-46.....	6,237,133	5,664,528	572,605	9,036,000	69.9
1947-48.....	6,305,168	5,675,937	629,231	8,841,000	71.3
1949-50.....	6,453,009	5,757,810	695,199	8,404,768	76.8
1951-52.....	6,596,351	5,917,384	678,967	8,516,000	77.5
1953-54.....	7,108,973	6,330,565	778,408	8,861,000	80.2
1955-56.....	7,774,975	6,917,790	857,185	9,207,000	84.4
1957-58.....	8,869,186	7,905,460	963,717	10,139,000	87.5
1959-60.....	9,599,810	8,531,454	1,068,356	11,154,879	86.1
1961-62 ⁶	10,768,972	9,616,755	1,152,217	12,004,000	89.7
1963-64 ⁷	12,600,000	11,200,000	1,400,000	13,470,000	93.5

¹ Unless otherwise indicated, includes enrollment in subcollegiate departments of institutions of higher education and in residential schools for exceptional children. Beginning in 1949-50, also includes Federal schools.

² Includes all persons residing in the United States, but excludes Armed Forces overseas. Data shown are actual figures from the decennial censuses of population unless otherwise indicated.

³ Excludes enrollment in subcollegiate departments of institutions of higher education and in residential schools for exceptional children.

⁴ Data for 1927-28.

⁵ Estimated by the Bureau of the Census as of July 1 preceding the opening of the school year.

⁶ Subject to minor revision.

⁷ Preliminary data.

Note.—Beginning in 1959-60, includes Alaska and Hawaii.

Source: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*, chapters on Statistical Summary of Education; and unpublished data available in the Office of Education.

Table 8.—Estimated enrollment in regular¹ nonpublic elementary and secondary day schools, by State: Fall 1964

Region and State	Total	Elementary	Secondary
1	2	3	4
United States	6,908,000	5,500,000	1,408,000
NORTH ATLANTIC	2,795,500	2,201,800	593,700
Connecticut.....	126,700	90,900	35,800
Delaware.....	22,000	17,100	4,900
Maine.....	41,100	27,000	14,100
Maryland.....	156,400	127,300	29,100
Massachusetts.....	299,700	224,700	75,000
New Hampshire.....	40,400	28,400	12,000
New Jersey.....	339,100	275,300	63,800
New York.....	960,500	778,200	181,300
Pennsylvania.....	700,600	551,800	148,800
Rhode Island.....	60,300	49,400	10,900
Vermont.....	20,600	12,600	8,000
District of Columbia.....	29,100	19,100	10,000
GREAT LAKES AND PLAINS	2,526,200	2,050,700	475,500
Illinois.....	600,100	488,800	111,300
Indiana.....	146,300	122,500	23,800
Iowa.....	111,100	86,600	24,500
Kansas.....	68,900	47,600	11,300
Michigan.....	384,700	303,400	81,300
Minnesota.....	192,200	157,400	34,800
Missouri.....	190,200	153,900	36,300
Nebraska.....	64,800	51,600	13,200
North Dakota.....	23,600	18,200	5,400
Ohio.....	435,500	350,600	84,900
South Dakota.....	26,700	21,800	4,900
Wisconsin.....	292,100	248,300	43,800
SOUTHEAST	622,600	485,000	137,600
Alabama.....	34,300	27,200	7,100
Arkansas.....	14,000	10,600	3,400
Florida.....	99,500	83,200	16,300
Georgia.....	30,200	21,400	8,800
Kentucky.....	100,500	79,200	21,300
Louisiana.....	161,800	129,800	32,000
Mississippi.....	21,800	16,700	5,100
North Carolina.....	22,200	18,000	4,200
South Carolina.....	18,200	13,600	4,600
Tennessee.....	36,000	24,300	11,700
Virginia.....	64,100	46,600	17,500
West Virginia.....	20,000	14,400	5,600
WEST AND SOUTHWEST	955,700	762,500	193,200
Alaska.....	2,400	1,800	600
Arizona.....	36,200	29,700	6,500
California.....	448,900	355,100	93,800
Colorado.....	49,600	39,700	9,900
Hawaii.....	35,200	26,200	10,000
Montana.....	10,200	9,000	1,200
Nevada.....	23,800	18,800	5,000
New Mexico.....	4,600	3,400	1,200
Oklahoma.....	21,000	25,600	5,400
Oregon.....	24,600	18,700	5,900
Texas.....	40,200	31,000	9,200
Utah.....	171,300	143,800	27,500
Washington.....	7,100	5,100	2,000
Wyoming.....	66,200	51,700	14,500
.....	4,400	3,900	500
Outlying areas	84,200	54,300	29,900
American Samoa.....	1,500	1,100	400
Canal Zone.....	800	800	.....
Guam.....	5,800	3,500	2,300
Puerto Rico.....	72,500	46,200	26,300
Virgin Islands.....	3,600	2,700	900

¹ Excludes enrollment in elementary and secondary departments of nonpublic institutions of higher education and in nonpublic residential schools for exceptional children.

SOURCE: Estimated by Office of Education.

Table 9.—Enrollment in nonpublic elementary and secondary schools related to enrollment in all elementary and secondary schools, by State: 1961-62 and 1960-61

Region and State	Enrollment in nonpublic elementary schools, 1961-62		Enrollment in nonpublic secondary schools, 1960-61	
	Total ¹	As a percent of enrollment in all elementary schools	Total	As a percent of enrollment in all secondary schools
1	2	3	4	5
United States.....	4,637,637	18.8	1,100,443	8.6
NEW ENGLAND.....	360,910	23.4	119,970	17.3
Connecticut.....	75,000	21.5	26,741	16.4
Maine ²	22,465	14.4	10,500	17.8
Massachusetts.....	188,576	33.8	60,641	17.9
New Hampshire.....	24,431	33.2	6,913	17.1
Rhode Island ²	38,911	49.4	8,944	14.1
Vermont.....	11,428	21.4	6,135	22.2
MIDEAST.....	1,469,842	36.3	350,496	11.9
Delaware.....	14,041	28.2	3,893	10.1
District of Columbia.....	15,772	18.8	7,826	16.1
Maryland.....	100,496	27.1	20,992	7.8
New Jersey.....	223,765	30.3	51,681	14.1
New York ²	645,130	38.8	149,447	11.5
Pennsylvania.....	470,638	41.2	116,647	12.5
GREAT LAKES.....	1,315,189	27.0	273,278	11.0
Illinois.....	416,491	32.2	88,861	16.4
Indiana.....	110,943	16.8	20,287	6.9
Michigan.....	264,475	24.7	63,550	9.1
Ohio.....	305,052	23.1	65,280	9.3
Wisconsin ²	218,228	42.0	35,300	14.5
PLAINS.....	454,166	21.0	99,016	9.4
Iowa.....	74,919	19.9	18,291	8.5
Kansas.....	38,542	10.8	8,505	6.9
Minnesota.....	139,171	33.6	25,749	8.5
Missouri ²	129,610	20.4	30,111	13.3
Nebraska.....	43,037	22.7	9,787	9.8
North Dakota ²	16,060	16.2	3,826	9.3
South Dakota ²	14,826	14.3	2,747	6.7

See footnotes at end of table.

Table 9.—Enrollment in nonpublic elementary and secondary schools related to enrollment in all elementary and secondary schools, by State: 1961-62 and 1960-61—Con.

Region and State	Enrollment in nonpublic elementary schools, 1961-62		Enrollment in nonpublic secondary schools, 1960-61	
	Total ¹	As a percent of enrollment in all elementary schools	Total	As a percent of enrollment in all secondary schools
1	2	3	4	5
SOUTHEAST	396,358	6.5	112,216	3.8
Alabama ²	21,061	4.8	6,361	1.8
Arkansas ²	9,143	3.8	2,624	1.4
Florida.....	63,961	10.7	13,898	3.3
Georgia ²	16,742	2.6	7,644	2.6
Kentucky.....	69,424	15.5	17,181	9.0
Louisiana.....	101,369	18.1	23,590	13.2
Mississippi.....	12,434	3.5	3,917	2.0
North Carolina ²	13,173	1.6	3,498	1.3
South Carolina.....	9,750	2.6	3,757	1.8
Tennessee.....	20,326	3.7	9,608	4.9
Virginia.....	35,561	6.0	15,585	5.6
West Virginia.....	12,494	4.8	4,243	2.4
SOUTHWEST	179,336	7.3	36,244	4.1
Arizona ²	24,150	9.1	5,281	7.0
New Mexico ²	21,247	13.8	4,421	4.7
Oklahoma.....	15,431	4.6	3,064	1.6
Texas ²	118,498	6.9	22,878	4.6
ROCKY MOUNTAINS	64,139	10.0	15,459	3.8
Colorado.....	32,496	12.9	8,495	5.4
Idaho ²	7,894	8.7	1,013	1.4
Montana ²	16,334	16.1	3,856	7.6
Utah.....	3,938	2.7	1,754	1.8
Wyoming ²	3,477	7.1	341	1.1
FAR WEST	396,166	12.3	102,774	6.3
Alaska.....	1,408	3.7	439	4.3
California.....	301,698	12.7	74,166	6.5
Hawaii ²	17,228	19.5	8,213	12.5
Nevada.....	2,720	6.0	896	3.9
Oregon.....	27,255	10.0	7,544	6.0
Washington.....	44,794	11.1	11,514	4.6
Outlying areas	44,261	11.0	14,078	6.9
Guam.....	2,861	32.1	1,297	21.9
Puerto Rico.....	39,477	10.1	12,376	6.3
Virgin Islands ²	1,923	38.4	405	15.9

¹ Data are for the 1961-62 school year except for schools reported as part of elementary-secondary combinations in the most recent survey of nonpublic secondary schools. Data for 1960-61 were used for these schools.
² Percentages shown are not strictly comparable with other States because public school enrollments were reported by grade-group rather than by organizational level.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of Nonpublic Elementary Schools, 1961-62*; and *Statistics of Nonpublic Secondary Schools, 1960-61*.

Table 10.—Enrollment in nonpublic elementary and secondary schools, by church relationship and by region: 1961-62 and 1960-61

Church relationship	United States		New England	Midwest	Great Lakes	Plains	Southeast	Southwest	Rocky Mountains	Far West	Outlying areas
	1961-62	1960-61									
All nonpublic elementary schools¹	4,527,637	4,431,115	369,919	1,469,843	1,915,189	454,145	306,855	179,328	64,129	395,108	44,261
Nonchurch-related	106,826	106,826	11,776	34,431	10,327	2,453	24,943	3,430	1,465	16,960	4,447
Church-related	4,520,212	4,520,212	349,124	1,434,411	1,804,862	452,692	361,912	175,898	62,674	378,148	39,814
Baptist	11,861	11,861	428	2,108	1,064	1,238	2,090	881	184	4,045	825
Christian Reformed	30,169	30,169	1,712	1,712	16,803	4,067	1,252	3,888	1,184	4,763	53
Friends	3,773	3,773	285	2,374	1,871	30	718	722	181	738	53
Jewish	33,308	33,308	1,210	26,360	62,841	220	6,166	7,913	3,510	12,108	964
Lutheran	124,796	124,796	1,001	10,869	62,841	31,369	6,525	7,913	3,510	12,108	964
Methodist	1,859	1,859	76	209	14	16	1,181	189	180	2,401	579
Presbyterian	14,236	14,236	975	3,802	507	412,115	4,903	996	180	231,622	36,876
Protestant Episcopal	4,223,431	4,223,431	344,140	1,377,567	1,215,791	2,082	335,244	181,795	65,186	17,581	318
Roman Catholic	42,248	42,248	1,068	4,233	5,650	2,082	7,473	2,292	1,879	17,581	962
Seventh-day Adventist	10,716	10,716	26	2,830	293	1,023	1,853	749	574	3,268	962
Other church-related	1,199,443	1,199,443	119,979	368,636	373,378	99,616	112,316	38,244	18,459	162,774	14,678
All nonpublic secondary schools	1,199,443	1,199,443	119,979	368,636	373,378	99,616	112,316	38,244	18,459	162,774	14,678
Nonchurch-related	123,126	123,126	26,124	38,843	10,647	4,223	24,792	3,691	1,252	11,654	1,997
Church-related	976,317	976,317	83,846	311,643	262,731	94,793	85,424	22,543	14,207	91,120	12,681
Baptist	4,713	4,713	200	358	1,058	1,146	2,226	328	352	543	68
Christian Reformed	9,795	9,795	598	648	5,965	1,146	577	412	352	743	68
Friends	5,041	5,041	196	4,009	108	100	46	80	99	24	24
Jewish	6,522	6,522	186	4,831	553	180	256	918	423	102	102
Lutheran	14,080	14,080	84	1,073	8,740	2,822	266	399	423	923	200
Methodist	2,923	2,923	430	1,829	33	120	918	578	199	107	200
Presbyterian	2,740	2,740	366	366	453	186	787	678	199	138	200
Protestant Episcopal	16,180	16,180	2,653	3,496	453	186	787	678	199	138	200
Roman Catholic	887,481	887,481	78,077	291,639	1,235	864	4,290	860	190	2,563	65
Seventh-day Adventist	18,800	18,800	426	1,430	2,180	992	71,001	27,867	11,900	78,108	65
Other church-related	10,142	10,142	209	2,224	1,152	1,636	2,413	954	11,734	6,695	11,684

¹ Data are for the 1961-62 school year except for schools reported as part of elementary-secondary combinations in the most recent survey of nonpublic secondary schools. Data for 1960-61 were used for these schools.

NOTE.—The States in each region may be found in table 9.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, Statistics of Nonpublic Elementary Schools, 1961-62; and Statistics of Nonpublic Secondary Schools, 1960-61.

Table 11.—Number of pupils enrolled in nonpublic elementary schools, by selected characteristics of school and by State: 1961-62

Region and State	Total elementary enrollment	Distribution of total enrollment by—												
		Type of affiliation of school					Type of facility					Type of student body		
		Church-related	Not church-related	Day school only	Boarding school primarily	Combined boarding and day school	Boys only	Girls only	Coed	Other combinations				
1	2	3	4	5	6	7	8	9	10	11				
United States.....	4,637,667	4,536,212	104,635	4,614,249	28,863	84,964	69,657	79,164	4,432,604	61,632				
NEW ENGLAND.....	269,916	349,124	11,776	347,671	2,393	16,946	4,696	9,952	332,129	15,681				
Connecticut.....	75,099	71,060	4,009	73,907	556	926	1,034	1,106	72,931	129				
Maine.....	22,465	21,092	373	21,672	202	691	437	340	21,457	181				
Massachusetts.....	169,676	152,150	6,426	181,577	990	6,056	2,299	6,628	167,616	13,094				
New Hampshire.....	24,431	24,056	373	23,216	497	718	397	341	23,663					
Rhode Island.....	28,911	28,609	502	37,064	41	1,906	478	308	26,438					
Vermont.....	11,428	11,335	93	10,965	107	736	3	330	11,096					
MIDEAST.....	1,469,842	1,436,411	34,431	1,438,375	7,942	23,525	34,114	41,962	1,379,437	24,229				
Delaware.....	14,041	13,261	680	13,843	114	84	194	724	12,654	269				
District of Columbia.....	15,772	14,149	1,623	14,829	85	656	500	669	13,096	707				
Maryland.....	100,496	98,243	4,253	97,960	259	2,297	1,961	2,376	93,376	2,763				
New Jersey.....	223,766	219,326	4,439	220,592	529	2,044	1,610	3,653	212,773	4,629				
New York.....	643,130	629,921	16,209	633,207	3,563	8,340	28,086	29,729	674,306	11,001				
Pennsylvania.....	470,638	463,411	7,227	457,964	3,372	9,312	3,864	3,712	456,432	4,640				
GREAT LAKES.....	1,315,189	1,264,862	19,327	1,262,626	6,816	6,748	3,686	6,322	1,297,646	7,796				
Illinois.....	416,491	411,079	6,412	412,356	2,673	1,462	1,293	2,727	407,192	6,299				
Indiana.....	110,943	110,349	595	110,411	243	1,413	308	161	110,474	916				
Michigan.....	264,475	263,073	1,402	262,428	1,034	1,013	835	961	261,963					
Ohio.....	304,062	302,503	2,549	301,730	1,436	1,896	1,435	2,426	300,303	1,499				
Wisconsin.....	218,228	217,849	379	218,701	353	1,144	244	146	217,734	102				

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Table 11.—Number of pupils enrolled in nonpublic elementary schools, by selected characteristics of school and by State: 1961-62—Con.

Region and State	Total elementary enrollment	Distribution of total enrollment by—									
		Type of affiliation of school		Type of facility				Type of student body			
		Church-related	Not church-related	Day school only	Boarding school primarily	Combined boarding and day school	Boys only	Girls only	Coed	Other combinations	
1	2	3	4	5	6	7	8	9	10	11	
PLAINS	454,165	452,632	3,433	447,329	2,064	6,769	1,001	2,219	449,899	2,246	
Iowa.....	74,919	74,906	53	74,297	27	565	29	72	74,766	78	
Kansas.....	28,642	28,173	266	28,061	29	432	431	370	28,513	540	
Minnesota.....	129,171	129,129	1,042	128,490	174	317	1,032	1,500	127,930	1,628	
Missouri.....	129,810	129,090	1,520	128,827	225	2,508	2,009	2,422	126,400	1,628	
Nebraska.....	43,037	42,614	423	41,908	433	1,059	1,059	5	42,498	540	
North Dakota.....	16,090	16,090	78	14,998	16	1,094	1,094	30	16,063	27	
South Dakota.....	14,828	14,790	78	12,790	1,182	1,804	1,182	30	14,796	32	
SOUTHEAST	296,258	281,415	24,843	278,574	2,822	12,642	9,028	7,158	262,991	7,484	
Alabama.....	21,961	19,777	2,204	21,225	163	493	559	275	21,147	228	
Arkansas.....	9,143	9,000	75	8,672	75	299	21	196	8,906	111	
Florida.....	63,981	58,946	5,015	61,835	403	1,723	536	797	62,300	445	
Georgia.....	69,424	67,572	1,852	67,011	96	1,020	299	50	68,144	206	
Kentucky.....	101,269	97,820	3,430	96,167	533	1,820	415	553	98,144	465	
Louisiana.....	12,434	12,238	196	11,790	113	2,099	2,653	3,123	11,423	4,002	
Mississippi.....	13,173	11,940	1,333	12,390	13	671	510	90	12,561	421	
North Carolina.....	9,750	8,650	1,091	9,198	299	524	214	40	9,090	358	
South Carolina.....	20,326	18,329	1,997	19,445	42	433	463	199	17,994	228	
Tennessee.....	53,561	50,253	3,308	48,227	445	1,774	2,000	916	50,243	328	
Virginia.....	12,094	12,046	448	12,228	610	1,711	1,146	402	12,228	370	
West Virginia.....	12,094	12,046	448	12,228	610	1,711	1,146	402	12,228	370	

SOUTH WEST	179,325	173,896	3,429	167,268	2,277	9,761	1,459	4,943	171,133	1,772
Arizona.....	24,150	23,276	874	21,631	577	1,742	61	363	23,696	
New Mexico.....	21,247	20,623	624	19,656	668	1,903	344	526	20,200	176
Oklahoma.....	15,631	15,399	232	14,904	435	511	144	278	15,006	
Texas.....	118,668	116,421	2,247	110,967	865	6,606	1,310	3,966	112,226	1,504
ROCKY MOUNTAINS	64,139	62,674	1,465	60,625	649	2,946	649	611	62,999	99
Colorado.....	32,496	31,337	1,159	31,043	313	640	649	356	31,499	
Idaho.....	7,904	7,904		6,630	82	1,182			7,964	
Montana.....	16,334	16,078	256	15,636	273	1,126		63	16,261	
Utah.....	3,939	3,939		3,639		99			3,639	99
Wyoming.....	3,477	3,477		3,477					3,477	
FAR WEST	296,166	278,166	18,000	266,643	1,916	12,566	5,993	5,271	276,759	4,975
Alaska.....	1,403	1,196	217	1,090	125	218			1,403	
California.....	201,656	204,726	11,972	203,098	1,309	7,222	4,226	6,186	200,943	2,261
Hawaii.....	17,228	13,945	3,283	14,266	11	2,637	379	913	14,766	1,140
Nevada.....	2,720	2,706	14	2,706	14		14		2,706	
Oregon.....	27,265	26,963	372	26,630	171	494	156	191	26,716	204
Washington.....	44,794	43,772	1,022	42,666	261	1,615	219	1,106	42,197	1,270
Outlying areas	44,261	39,814	4,447	39,625	64	3,766	329	2,451	39,449	659
Guam.....	2,961	2,961		2,961					2,961	
Puerto Rico.....	39,477	35,166	4,311	35,631	66	3,790	320	2,661	35,666	660
Virgin Islands.....	1,923	1,760	163	1,923					1,923	

Note.—Data are for the 1961-62 school year except for schools reported as part of elementary-secondary combinations in the most recent survey of nonpublic secondary schools. Data for 1960-61 were used for these schools.

SOURCE: U. S. Department of Health, Education, and Welfare, Office of Education, *Statistics of Nonpublic Elementary Schools, 1961-62*

Table 12.—Enrollment in nonpublic elementary schools, by grade and State: 1961-62

Region and State	Grade 1-8 enrollment										Ungraded		
	Nursery and kindergarten enrollment												
	Total	Nursery	Kindergarten	Total	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6		Grade 7	Grade 8
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States.....	192,213	14,366	177,847	4,627,037	660,336	639,333	615,539	600,536	572,651	540,624	505,759	481,396	16,841
NEW ENGLAND.....	14,348	1,544	12,804	360,910	51,069	48,921	47,234	46,376	44,389	43,137	40,515	39,642	627
Connecticut.....	3,070	471	2,599	75,099	9,977	10,037	9,701	9,536	9,168	8,805	8,811	8,774	297
Maine.....	8,976	57	8,919	22,465	3,113	3,006	2,977	2,901	2,842	2,692	2,537	2,397	1
Massachusetts.....	8,297	796	7,501	188,576	27,032	25,336	24,618	24,117	23,078	22,039	21,281	20,556	229
New Hampshire.....	377	40	337	24,431	3,555	3,266	3,182	3,075	2,974	2,765	2,733	2,743	89
Rhode Island.....	1,264	175	1,089	38,911	5,825	5,757	5,375	5,297	4,862	4,469	4,257	4,045	1
Vermont.....	364	5	359	11,428	1,567	1,500	1,370	1,456	1,445	1,366	1,416	1,324	1
MIDWEST.....	71,245	5,311	65,934	1,469,943	212,211	203,634	196,971	191,113	186,911	171,596	169,544	152,927	2,345
Delaware.....	385	36	349	14,041	2,178	2,056	1,926	1,859	1,707	1,541	1,391	1,308	25
District of Columbia.....	1,157	275	882	15,772	2,100	2,022	1,936	1,885	1,910	1,878	1,847	1,818	284
Maryland.....	3,978	675	3,303	100,496	15,429	14,374	13,464	13,047	12,163	11,406	10,336	9,772	506
New Jersey.....	17,821	897	16,924	223,745	32,688	31,200	30,206	29,485	27,392	25,746	23,987	22,892	282
New York.....	37,665	2,497	35,168	646,130	91,681	89,633	86,064	82,905	78,476	76,739	71,329	68,075	1,238
Pennsylvania.....	10,239	931	9,308	470,688	68,240	64,749	62,473	61,832	58,393	54,290	50,654	49,077	1,010
GREAT LAKES.....	38,066	1,333	36,733	1,314,169	178,845	166,431	173,669	172,168	164,711	154,861	147,265	141,339	994
Illinois.....	18,971	668	18,303	416,491	68,556	57,215	54,429	53,515	51,701	49,691	47,046	45,204	144
Indiana.....	2,330	18	2,312	110,943	15,021	15,287	14,804	14,636	13,856	13,036	12,849	11,941	34
Michigan.....	5,852	245	5,607	264,473	36,266	35,957	35,573	35,360	33,420	31,952	28,834	28,034	354
Ohio.....	8,424	278	8,146	305,052	42,985	42,376	39,964	39,933	38,090	35,332	33,797	32,368	267
Wisconsin.....	2,629	124	2,505	218,228	28,037	29,576	28,960	28,600	27,664	26,135	25,229	23,842	166
PLAINS.....	14,948	465	14,483	454,165	62,197	63,173	60,413	59,469	58,621	54,362	59,111	44,974	2,619
Iowa.....	1,910	21	1,889	74,919	10,249	10,290	9,796	9,816	9,526	8,868	8,373	7,923	39
Kansas.....	1,852	31	1,821	38,542	5,283	5,268	5,108	4,911	4,901	4,461	4,113	3,936	641
Minnesota.....	2,212	64	2,148	136,171	18,441	19,027	18,502	18,287	17,949	16,916	15,313	14,534	102
Missouri.....	8,106	276	7,830	129,610	18,224	17,450	17,052	16,488	16,216	15,176	14,133	12,944	1,927
Nebraska.....	1,651	51	1,600	43,037	5,920	5,920	5,829	5,667	5,460	4,885	4,741	4,480	9
North Dakota.....	76	14	62	16,060	2,175	2,208	2,186	2,178	2,460	1,916	1,916	1,624	1
South Dakota.....	162	18	144	14,826	2,010	1,990	1,865	1,973	1,908	1,779	1,706	1,494	1

ELEMENTARY AND SECONDARY EDUCATION

	28,748	28,106	384,358	61,586	55,862	52,065	49,518	47,196	43,961	39,650	34,017	763
SOUTHEAST												
Alabama.....	1,488	1,436	21,981	3,658	3,217	3,084	2,811	2,696	2,577	2,091	1,812	35
Arkansas.....	8,569	8,539	6,148	11,426	1,276	1,171	1,110	1,127	1,106	1,004	922	1
Florida.....	8,067	6,758	63,961	11,124	9,779	9,091	8,420	7,712	7,050	5,438	5,024	313
Georgia.....	1,461	1,297	16,742	2,615	2,443	2,148	2,163	1,876	1,946	1,825	1,611	16
Kentucky.....	7,786	6,096	69,424	16,304	9,727	9,061	8,826	8,000	8,004	7,520	7,263	79
Louisiana.....	7,446	7,307	101,369	15,789	14,567	13,560	13,082	11,347	11,347	10,719	9,964	100
Mississippi.....	1,126	1,089	12,454	2,011	1,771	1,737	1,588	1,614	1,408	1,156	1,106	43
North Carolina.....	2,660	2,313	18,178	2,697	1,969	1,676	1,563	1,500	1,297	1,219	1,196	9
South Carolina.....	739	598	9,750	1,591	1,420	1,284	1,201	1,130	1,034	1,043	1,047	1
Tennessee.....	778	713	20,326	2,675	2,828	2,638	2,415	2,527	2,344	2,391	2,286	22
Virginia.....	3,591	3,344	35,561	5,718	5,371	4,989	4,665	4,526	4,046	3,788	2,424	84
West Virginia.....	35	26	12,494	1,768	1,414	1,677	1,654	1,561	1,592	1,466	1,350	2
SOUTHWEST												
Arizona.....	11,996	11,181	179,336	29,164	26,286	24,581	22,649	21,289	19,478	18,219	16,676	1,053
New Mexico.....	2,107	1,663	24,150	3,568	3,468	3,160	3,020	2,970	2,665	2,682	2,482	106
Oklahoma.....	1,040	1,023	21,247	3,362	3,077	2,904	2,626	2,473	2,440	2,209	2,113	33
Texas.....	7,853	7,601	118,486	19,843	17,685	16,336	15,024	14,043	12,561	11,682	10,594	76
ROCKY MOUNTAINS												
Colorado.....	2,221	1,899	64,139	9,296	8,716	8,673	8,285	7,873	7,537	6,927	6,655	147
Idaho.....	1,347	1,177	32,496	4,600	4,453	4,462	4,251	4,042	3,842	3,371	3,276	109
Montana.....	396	381	16,334	2,383	2,181	2,180	2,086	2,004	1,864	1,887	1,763	36
Utah.....	366	330	3,938	568	543	527	528	497	426	406	352	2
Wyoming.....	2	2	3,477	466	452	454	470	414	425	385	379	2
FAR WEST												
Alaska.....	13,763	11,716	396,166	55,666	53,968	52,837	51,932	49,179	47,015	43,547	41,178	1,353
California.....	155	155	1,403	225	170	172	169	162	169	158	174	4
Hawaii.....	9,943	8,466	301,698	42,005	41,303	40,288	39,002	37,672	35,822	33,176	31,280	1,200
Nevada.....	2,680	2,286	17,228	2,532	2,409	2,234	2,145	2,063	2,044	1,891	1,798	92
Oregon.....	214	189	27,265	3,866	3,599	3,379	3,411	3,361	3,345	3,018	2,919	1
Washington.....	711	670	44,794	6,024	5,781	5,753	5,468	5,335	5,124	4,998	4,726	56
Outlying areas												
Guam.....	5,895	5,635	44,281	8,424	7,123	6,685	6,265	5,701	5,263	2,538	2,240	73
Puerto Rico.....	207	207	2,861	582	404	410	330	290	284	304	257	304
Virgin Islands.....	5,446	5,194	39,477	7,466	6,436	5,998	5,611	5,170	4,748	2,104	1,871	73
Virgin Islands.....	242	234	1,923	283	283	287	294	241	230	130	112	73

NOTE.—Data are for the 1961-62 school year except for schools reported as part of elementary-secondary combinations in the most recent survey of nonpublic secondary schools. Data for 1960-61 were used for these schools.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, Statistics of Nonpublic Elementary Schools, 1961-62.

Table 13.—Enrollment in nonpublic secondary schools, by grade and State: 1960-61

Region and State	Total enrollment	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Post-graduate or other
1	2			5	6	7	8	9	10	11
United States.....	1,109,443	174	369	12,384	17,233	331,333	264,697	243,695	235,641	4,997
NEW ENGLAND.....	119,979	17	29	1,976	1,528	32,828	28,685	27,731	28,999	1,665
Connecticut.....	25,741			351	500	7,388	6,599	6,940	6,896	87
Maine.....	10,596			19	78	2,918	2,508	2,475	2,450	153
Massachusetts.....	60,641			598	726	16,644	14,247	14,006	13,668	747
New Hampshire.....	6,913	17	29	190	204	1,952	1,596	1,650	1,655	68
Rhode Island.....	8,944			130	204	2,187	2,332	2,144	1,943	4
Vermont.....	6,135			11	20	1,787	1,411	1,517	1,367	42
MIDWEST.....	369,695	82	191	3,723	4,739	106,843	83,421	76,114	73,429	1,935
Delaware.....	3,828			101	114	1,176	871	812	815	4
District of Columbia.....	7,826			41	54	2,092	1,874	1,896	1,827	82
Maryland.....	20,992			517	661	6,188	4,968	4,886	4,106	153
New Jersey.....	51,681	45	60	508	634	15,918	12,447	11,107	10,784	268
New York.....	169,447	20	100	1,630	2,012	43,662	36,388	32,858	30,806	447
Pennsylvania.....	116,647	27	26	1,926	1,264	33,806	26,943	25,340	25,268	1,022
GREAT LAKES.....	373,378	17	34	2,635	2,659	83,967	65,763	59,612	59,696	366
Illinois.....	88,861			126	124	28,300	21,416	19,382	19,383	180
Indiana.....	20,267			46	43	6,883	6,017	4,486	4,291	11
Michigan.....	63,550		34	1,285	1,282	18,942	14,784	13,725	14,189	2
Ohio.....	64,280			464	536	20,164	16,577	14,042	14,433	65
Wisconsin.....	34,300			114	116	10,678	8,928	7,967	7,460	38
PLAINS.....	99,616			848	1,061	26,144	23,697	21,904	21,145	77
Iowa.....	18,291			47	58	5,310	4,496	4,221	4,188	1
Kansas.....	8,506			28	27	2,675	2,048	1,863	1,860	1
Minnesota.....	26,769			408	477	7,782	6,217	5,582	5,285	28
Missouri.....	20,111			139	272	9,563	7,077	6,408	6,164	8
Nebraska.....	2,787			222	235	2,870	2,347	2,214	1,897	28
North Dakota.....	2,826			19	22	1,070	953	2,925	1,832	6
South Dakota.....	2,747					1,895	689	602	580	1

ELEMENTARY AND SECONDARY EDUCATION

	112, 316	48	45	2, 344	4, 975	31, 548	25, 448	24, 315	23, 028	467
SOUTHEAST										
Alabama.....	6, 261			311	347	1, 587	1, 473	1, 264	1, 375	4
Arkansas.....	2, 694			64	64	1, 779	2, 019	1, 601	2, 208	4
Florida.....	12, 888	48	45	764	865	3, 988	2, 919	2, 805	2, 436	96
Georgia.....	7, 644			1111	613	1, 900	1, 754	1, 746	1, 436	84
Kentucky.....	17, 181			91	183	5, 513	3, 917	3, 632	3, 831	14
Louisiana.....	23, 800			221	382	7, 822	5, 667	5, 073	4, 664	1
Mississippi.....	3, 917			171	208	1, 044	863	848	783	2
North Carolina.....	3, 428			61	97	1, 890	799	868	834	9
South Carolina.....	3, 737			83	80	1, 087	888	967	780	23
Tennessee.....	3, 938			249	299	2, 574	2, 208	2, 238	2, 273	69
Virginia.....	15, 896			190	1, 757	3, 515	3, 431	3, 350	3, 209	1, 124
West Virginia.....	4, 243			21	82	1, 259	966	988	915	42
SOUTHWEST										
Arizona.....	26, 244		30	667	875	10, 872	8, 664	7, 864	7, 381	41
California.....	5, 281			35	43	1, 618	1, 275	1, 202	1, 108	10
New Mexico.....	4, 421			286	254	1, 411	965	799	702	14
Oklahoma.....	3, 664			40	38	1, 190	826	816	732	2
Texas.....	22, 578		80	306	640	6, 668	5, 808	5, 047	4, 724	15
ROCKY MOUNTAINS										
Colorado.....	15, 459			301	439	4, 417	3, 728	3, 379	3, 126	3
Idaho.....	8, 496			311	289	2, 499	1, 984	1, 810	1, 641	1
Montana.....	1, 013			4	3	1, 277	261	245	233	1
Nebraska.....	3, 596					1, 126	992	886	850	2
Utah.....	1, 764			76	128	1, 490	418	346	326	2
Wyoming.....	1, 341					86	83	88	75	
PACIFIC WEST										
Alaska.....	182, 774			1, 366	1, 546	36, 817	25, 252	22, 799	20, 949	123
California.....	439			646	792	144	128	92	80	
Hawaii.....	74, 186					23, 081	18, 435	16, 204	14, 950	108
Nevada.....	8, 213			381	372	2, 020	1, 840	1, 877	1, 728	
Oregon.....	7, 544			81	88	1, 275	238	206	179	
Washington.....	11, 514			186	294	1, 999	1, 816	1, 868	1, 690	3
Outlying areas										
Guam.....	14, 978			1, 861	1, 814	3, 664	2, 741	2, 493	2, 162	73
Puerto Rico.....	1, 297			226	189	381	244	189	118	1
Virgin Islands.....	12, 376			1, 680	1, 585	2, 816	2, 408	2, 184	1, 921	73
	408			36	40	97	89	80	63	

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, Statistics of Nonpublic Secondary Schools, 1960-61.

1 Includes 13 ungraded secondary pupils.
 2 Includes 84 ungraded secondary pupils.

Table 14.—Number of pupils enrolled in nonpublic secondary schools, by selected characteristics of school and by State: 1960-61

Region and State	Total enrollment	Distribution of total enrollment by—									
		Type of control of school		Type of facility				Type of student body			
		Church-related	Not church-related	Day school only	Boarding school primarily	Combined boarding and day school	Boys only	Girls only	Coeducational	Coeducational	
1	2	3	4	5	6	7	8	9	10	11	
United States.....	1,108,443	974,317	132,126	942,869	78,431	128,023	341,324	272,879	489,822	53,212	
NEW ENGLAND.....	119,979	83,846	36,124	84,419	15,943	18,888	36,232	28,969	82,743	6,134	
Connecticut.....	26,741	18,665	11,076	18,822	4,240	3,679	8,226	6,286	12,054	75	
Maine.....	10,596	3,904	6,692	6,779	926	2,901	1,726	4,306	7,340	204	
Massachusetts.....	60,641	47,027	13,614	46,323	7,256	7,062	17,242	13,965	24,847	4,887	
New Hampshire.....	6,913	4,506	1,407	3,847	2,560	506	3,069	1,437	2,497	.....
Rhode Island.....	8,944	8,482	452	8,615	457	2,872	4,673	2,528	4,445	998	
Vermont.....	6,135	3,252	2,883	4,033	524	1,578	2,97	209	5,690	.....
MIDWEST.....	369,696	311,643	58,043	368,369	17,627	39,169	166,229	99,885	118,611	24,061	
Delaware.....	3,893	3,422	471	3,322	169	408	1,034	400	1,467	322	
District of Columbia.....	7,826	6,450	1,376	6,297	.....	1,529	3,517	2,810	1,246	251
Maryland.....	20,982	17,384	3,608	16,674	1,047	3,271	7,981	7,946	4,531	694	
New Jersey.....	51,681	46,594	5,087	44,715	2,606	4,340	12,963	8,160	28,168	2,990	
New York.....	149,447	131,647	17,800	131,096	5,680	12,671	51,062	49,727	37,460	11,168	
Pennsylvania.....	116,647	106,146	10,501	101,246	7,531	7,570	31,132	30,482	45,737	9,296	
GREAT LAKES.....	273,278	262,731	10,547	246,769	12,994	12,674	67,671	63,542	128,179	9,635	
Illinois.....	88,861	84,338	4,523	82,090	2,467	4,304	30,981	33,505	22,670	1,705	
Indiana.....	20,267	19,193	1,074	18,350	2,378	1,549	2,561	2,963	11,414	2,239	
Michigan.....	63,550	62,187	1,363	60,299	1,089	2,162	7,196	8,164	44,990	1,261	
Ohio.....	65,280	62,466	2,814	60,315	3,011	1,654	18,508	18,713	25,084	2,925	
Wisconsin.....	35,300	34,547	753	28,246	3,969	2,905	6,806	5,117	22,072	1,805	
FLAINS.....	99,016	94,798	4,218	81,678	6,299	10,839	17,633	17,728	69,916	2,729	
Iowa.....	18,291	18,291	.....	17,567	295	409	730	1,110	16,203	1,248
Kansas.....	8,505	8,418	87	6,077	435	1,968	1,826	1,539	5,640	.....
Minnesota.....	25,749	24,754	995	21,278	1,766	2,711	6,575	6,515	11,995	664	
Missouri.....	30,111	27,743	2,368	25,035	1,572	3,504	7,311	6,701	15,272	827	

ELEMENTARY AND SECONDARY EDUCATION

Nebraska.....	9, 787	644	8, 013	1, 322	752	1, 520	1, 465	6, 802	
North Dakota.....	3, 826	129	2, 679	352	705	1, 371	78	3, 577	
South Dakota.....	2, 747	129	1, 214	858	673		320	2, 427	
SOUTHEAST	112, 216	28, 792	74, 115	15, 606	23, 065	24, 935	22, 521	59, 181	4, 579
Alabama.....	6, 361	1, 886	4, 921	457	963	1, 715	1, 318	3, 328	
Arkansas.....	2, 024	1, 100	1, 317	529	778	1, 715	648	1, 261	
Florida.....	13, 998	3, 802	9, 503	1, 537	2, 858	3, 371	2, 312	7, 547	
Georgia.....	7, 644	3, 275	3, 219	1, 290	3, 205	2, 863	5, 575	3, 458	668
Kentucky.....	17, 181	15, 955	13, 927	1, 352	4, 755	7, 674	5, 499	8, 830	748
Louisiana.....	23, 590	21, 909	18, 500	335	4, 755	7, 674	5, 694	8, 440	367
Mississippi.....	3, 917	3, 678	2, 414	263	1, 210	1, 907	598	2, 328	96
North Carolina.....	3, 498	2, 277	1, 285	1, 196	1, 017	525	496	2, 238	249
South Carolina.....	3, 757	2, 172	1, 736	662	1, 444	1, 444	244	2, 831	
Tennessee.....	9, 908	5, 404	5, 777	1, 706	2, 336	4, 748	1, 479	3, 082	599
Virginia.....	15, 595	10, 111	8, 235	6, 219	2, 141	5, 144	2, 947	7, 474	30
West Virginia.....	4, 243	3, 587	3, 281	536	406	1, 116	771	2, 356	
SOUTH WEST	36, 244	3, 691	22, 699	3, 962	9, 452	8, 261	6, 633	19, 872	1, 378
Arizona.....	5, 281	777	2, 703	807	1, 771	740	705	3, 836	
New Mexico.....	4, 421	367	2, 980	604	887	460	409	3, 499	53
Oklahoma.....	3, 664	79	2, 362	536	766	545	251	2, 895	
Texas.....	22, 878	2, 468	14, 895	1, 955	6, 028	6, 616	5, 268	9, 069	1, 325
ROCKY MOUNTAINS	15, 459	1, 252	12, 221	799	2, 448	2, 912	1, 679	11, 688	89
Colorado.....	8, 495	1, 100	6, 648	437	1, 412	1, 419	804	6, 272	
Idaho.....	1, 012	182	522	353	491	483	712	1, 013	
Montana.....	3, 856	1, 754	3, 370	353	133	110	163	2, 961	
Utah.....	1, 754	341	1, 342	110	412	110	163	1, 401	80
Wyoming.....	341	341	341	341	341	341	341	341	
FAR WEST	162, 774	11, 654	76, 416	6, 819	19, 848	29, 856	29, 571	38, 641	4, 706
Alaska.....	439	15	109	151	179	23, 143	21, 974	439	
California.....	74, 166	6, 909	57, 844	3, 716	12, 606	23, 143	21, 974	25, 120	2, 079
Hawaii.....	8, 213	2, 808	4, 285	589	3, 339	2, 101	1, 283	3, 418	1, 411
Nevada.....	898	898	898	898	898	898	898	898	
Oregon.....	7, 544	980	5, 787	1, 235	622	1, 659	1, 813	3, 995	77
Washington.....	11, 514	942	7, 493	819	3, 202	2, 953	3, 501	4, 471	569
Outlying areas	14, 678	1, 997	11, 739	437	1, 962	1, 116	1, 399	10, 924	658
Guam.....	1, 297	1, 297	1, 089	437	208	208	242	947	
Puerto Rico.....	12, 376	1, 990	10, 245	437	1, 694	908	1, 138	9, 672	658
Virgin Islands.....	405	7	405					405	

SOURCE: U. S. Department of Health, Education, and Welfare, Office of Education, Statistics of Nonpublic Secondary Schools, 1960-61.

Table 15.—Enrollment in selected subjects in public high schools related to total enrollment in the grades in which the subjects are usually offered: United States, 1960-61

Field and subject	Grade	Enrollment	
		Number	Percent ¹
1	2	3	4
ENGLISH:			
Grade 9.....	9	2,397,708	98.2
Grade 10.....	10	2,072,940	97.8
Grade 11.....	11	1,838,189	96.1
Grade 12.....	12	1,460,897	84.2
College level English.....	12	9,220	.5
Honors courses.....	12	2,881	.1
World literature.....	12	96,701	3.8
Speech and public speaking.....	11	454,347	23.8
Creative writing.....	12	38,077	2.2
Journalism.....	12	136,771	7.8
SOCIAL STUDIES:			
United States history.....	11	1,994,858	² 104.3
World history.....	10	1,471,557	69.4
Civics (elementary).....	9	732,609	30.0
Civics (advanced).....	12	780,123	44.7
Problems of democracy.....	12	380,453	21.8
Economics.....	12	293,175	16.8
Psychology.....	12	140,377	8.0
Sociology or social problems.....	12	289,408	16.6
MATHEMATICS:			
General mathematics (elementary).....	9	1,027,205	42.1
General mathematics (advanced).....	12	349,989	20.0
Advanced high school or college mathematics.....	12	40,031	2.3
Elementary algebra.....	9	1,607,356	65.8
Intermediate and advanced algebra.....	11	741,661	38.8
Plane geometry.....	10	959,825	45.3
Solid geometry.....	12	173,196	10.0
Trigonometry.....	12	246,225	14.1
Trigonometry-algebra, integrated.....	11	22,995	1.2
SCIENCE:			
General science.....	9	1,549,271	63.5
First-year biology.....	10	1,086,818	79.6
First-year chemistry.....	11	708,143	37.0
First-year physics.....	12	385,148	22.1
Advanced general and physical science.....	12	276,816	15.9

¹ The percent is the ratio of the course enrollment to the total enrollment in the grade where the course were is usually offered.

² The enrollment in United States history exceeds 100 percent because some students in other grades also enrolled in this course.

SOURCE: U.S. Department of Health, Education, and Welfare; Office of Education, *Offerings and Enrollments in High School Subjects, 1960-61*.

Table 16.—Estimated enrollment in science and mathematics courses in public high schools: United States, 1958-59

Course	Typical grade	Typical age	Estimated enrollment	
			Number	Percent ¹
1	2	3	4	5
All science courses	9-12	-----	4,678,000	58.8
General science.....	9	14	1,581,000	65.5
Biology.....	10	15	1,677,000	72.3
Chemistry.....	11	16	657,000	33.6
Physics.....	12	17	379,000	24.6
Advanced general science.....	12	17	98,000	6.4
Other science.....	10-12	-----	278,000	4.8
All mathematics courses	9-12	-----	5,195,000	62.1
General mathematics.....	9	14	1,024,000	42.4
Elementary algebra.....	9	14	1,775,000	73.6
Plane geometry.....	10	15	979,000	42.2
Intermediate algebra.....	11	16	643,000	32.9
Solid geometry.....	12	17	106,000	6.9
Trigonometry.....	12	17	220,000	14.3
Other mathematics.....	10-12	-----	361,000	6.2

¹ The percent is the ratio of the course enrollment to the total enrollment in the grade where the course is usually offered.

NOTE.—Data are for 48 States and D.C.

SOURCES: Columns 1-4 from *Offerings and Enrollments in Science and Mathematics in Public High Schools, 1958*; last column computed using grade enrollment data from *Statistics of State School Systems, 1958-59*.

Table 17.—Enrollment in science and mathematics courses in public high schools compared with total enrollment in grades 9-12 and population aged 14-17: United States, 1948-49 to 1958-59

Item	Enrollment, by year				Percent of increase 1948-49 to 1958-59
	1948-49	1954-55 ¹	1956-57 ¹	1958-59 ¹	
1	2	3	4	5	6
All science courses	2,945,000	-----	4,643,000	4,678,000	58.6
General science.....	1,074,000	-----	1,518,000	1,581,000	47.2
Biology.....	998,000	1,294,000	1,430,000	1,677,000	68.4
Chemistry.....	412,000	483,000	520,000	657,000	59.5
Physics.....	291,000	303,000	310,000	379,000	30.2
Other science.....	172,000	-----	266,000	376,000	118.5
All mathematics courses	2,952,000	-----	4,401,000	5,195,000	72.7
Elementary algebra.....	1,042,000	1,205,000	1,518,000	1,775,000	70.3
Intermediate algebra.....	372,000	432,000	484,000	643,000	72.8
General mathematics.....	650,000	800,000	976,000	1,024,000	57.5
Plane geometry.....	599,000	664,000	788,000	979,000	63.4
Solid geometry.....	94,000	147,000	160,000	106,000	12.8
Trigonometry.....	109,000	170,000	200,000	220,000	101.8
Other mathematics.....	92,000	-----	275,000	361,000	292.4
Total enrollment, grades 9-12.....	5,399,000	6,583,000	7,305,706	7,841,000	45.2
Population age group 14-17 ²	8,703,000	9,012,000	9,541,000	10,635,000	22.2

¹ Enrollment estimates based on sample survey.

² Data from Bureau of the Census, *Current Population Reports, Series P-25, No. 193*.

NOTE.—Data are for 48 States and D.C.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Offerings and Enrollments in Science and Mathematics in Public High Schools, 1958*.

Table 18.—Enrollment in adult education classes offered by local public school systems, by field of instruction and enrollment-size group: United States, 1958-59

Field of instruction	Enrollment by size-group of school system ¹			
	All groups	Group I	Group II	Group III
1	2	3	4	5
All fields.....	3,421,000	1,453,000	378,000	1,590,000
Americanization and citizenship.....	171,000	121,000	17,400	32,100
Literacy education.....	47,500	42,100	1,820	3,580
Elementary education.....	38,000	26,800	5,030	6,140
High school academic education.....	411,000	279,000	39,900	91,700
Advanced academic education.....	50,500	9,020	10,800	30,680
Civic and public affairs.....	73,400	42,100	10,200	21,000
Personal development and group relationships.....	71,900	23,200	7,580	41,100
Family relationships.....	132,000	52,300	36,500	43,700
Home-making and consumer education.....	459,000	182,000	47,000	230,000
Agricultural courses.....	108,000	1,900	6,240	97,700
Distributive education.....	88,000	61,400	11,500	15,700
Trade, industrial, and technical courses.....	560,000	238,000	54,500	268,000
Business education.....	372,000	153,000	60,900	158,000
Fine arts.....	167,000	39,700	15,500	112,000
Techniques in practical arts and crafts.....	281,000	77,500	21,900	182,000
Health and physical education.....	190,000	61,100	14,100	114,000
Safety and driver education.....	117,000	17,900	9,910	89,200
Remedial education.....	9,300	6,330	1,030	1,930
Inservice training for professional persons.....	65,200	45,400	5,800	14,100
Other.....	11,100	4,680	1,560	4,860

¹ Group I includes school systems with elementary and secondary school enrollment of 25,000 and over; group II, school systems with elementary and secondary school enrollment of 12,000 to 24,999; group III, school systems with elementary and secondary school enrollment of 180 to 11,999.

NOTE.—Data are for 48 States and D.C. Detail will not necessarily add to totals because of rounding.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of Public School Adult Education, 1964-69*.

Table 19.—Enrollment in federally aided vocational classes, by type of program: United States and outlying areas, 1919-20 to 1962-63

School year	Total	Type of program					
		Agriculture	Distributive occupations	Home economics	Trades and industry	Practical nursing	Technical education
1	2	3	4	5	6	7	8
1919-20.....	265,058	31,301		48,938	184,819		
1929-30.....	981,882	188,311		174,967	618,604		
1939-40.....	2,290,741	584,133	129,433	818,766	758,409		
1941-42.....	2,624,786	605,009	215,049	954,041	850,597		
1943-44.....	2,001,153	469,959	181,509	806,606	543,080		
1945-46.....	2,227,663	510,331	174,672	911,816	630,844		
1947-48.....	2,626,121	640,791	292,986	1,139,766	762,628		
1949-50.....	3,364,613	764,975	364,670	1,430,366	804,602		
1951-52.....	3,165,988	746,402	234,984	1,391,389	703,213		
1953-54.....	3,164,851	737,502	220,619	1,380,147	826,583		
1955-56.....	3,413,189	785,669	257,025	1,486,816	863,719		
1957-58.....	3,629,339	775,892	282,558	1,559,822	963,644	27,423	
1959-60.....	3,768,149	796,237	303,784	1,588,109	938,490	40,250	101,279
1961-62.....	4,072,677	822,664	321,065	1,725,680	1,005,383	48,985	148,920
1962-63 ¹	4,217,198	827,827	309,593	1,839,450	1,001,776	53,957	184,595

¹ Provisional data.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Digest of Annual Reports of State Boards for Vocational Education*; and unpublished data.

Table 20.—Number and percent of public school pupils transported at public expense, and expenditures for transportation: United States, 1929-30 to 1961-62

School year	Total enrollment	Pupils transported at public expense		Expenditure of public funds	
		Number	Percent of total enrollment	Total, excluding capital outlay (in thousands)	Average cost per pupil transported
1	2	3	4	5	6
1929-30.....	25,678,015	1,902,826	7.4	\$54,823	\$28.81
1931-32.....	26,275,441	2,419,173	9.2	58,078	24.01
1933-34.....	26,434,193	2,794,724	10.6	53,908	19.29
1935-36.....	26,367,098	3,250,658	12.3	62,653	19.27
1937-38.....	25,975,108	3,769,242	14.5	75,637	20.07
1939-40.....	25,433,542	4,144,161	16.3	83,283	20.10
1941-42.....	24,562,473	4,503,061	18.3	92,922	20.64
1943-44.....	23,266,616	4,512,412	19.4	107,754	23.88
1945-46.....	23,299,941	5,055,966	21.7	129,756	25.66
1947-48.....	23,944,532	5,854,041	24.4	176,265	30.11
1949-50.....	23,111,427	6,947,394	27.7	214,504	30.88
1951-52.....	23,562,664	7,697,130	29.0	268,827	34.93
1953-54.....	¹ 23,643,871	¹ 8,411,719	32.8	307,437	¹ 36.55
1955-56.....	¹ 27,740,149	¹ 9,695,819	35.0	353,972	¹ 36.51
1957-58.....	¹ 29,722,275	¹ 10,861,689	36.5	416,491	¹ 38.34
1959-60.....	¹ 32,477,440	¹ 12,223,142	37.6	496,338	¹ 39.78
1961-62.....	¹ 34,682,340	¹ 13,222,667	38.1	576,361	¹ 43.59

¹ Pupils in average daily attendance.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems*.

Table 21.—Number of full-time and part-time classroom teachers in public elementary and secondary day schools, by level and State: Fall 1963 and fall 1964

Region and State	Fall 1963			Fall 1964 ¹		
	Total	Elementary	Secondary	Total	Elementary	Secondary
1	2	3	4	5	6	7
United States.....	1,576,062	996,536	667,626	1,628,090	939,609	685,480
NORTH ATLANTIC.....	393,218	219,777	182,441	406,299	217,990	187,309
Connecticut.....	23,187	13,845	9,342	23,900	14,300	9,600
Delaware.....	4,206	2,122	2,074	4,300	2,200	2,100
Maine.....	9,255	5,261	3,994	9,500	5,500	4,000
Maryland.....	26,785	14,128	12,657	27,600	14,600	13,000
Massachusetts.....	40,817	23,194	18,083	42,100	22,900	19,200
New Hampshire.....	5,276	3,128	2,148	5,400	3,200	2,200
New Jersey.....	53,802	32,228	21,664	55,800	33,300	22,500
New York.....	182,499	68,509	63,990	186,800	70,900	65,700
Pennsylvania.....	82,506	41,001	41,807	85,000	42,400	42,600
Rhode Island.....	6,096	3,118	2,978	6,300	3,200	3,100
Vermont.....	3,670	2,279	1,391	3,800	2,400	1,400
District of Columbia.....	5,027	2,914	2,113	5,200	3,000	2,200
GREAT LAKES AND PLAINS.....	454,965	267,786	186,399	468,499	277,199	191,300
Illinois.....	82,367	50,321	32,046	85,000	52,100	32,900
Indiana.....	41,437	23,114	18,322	42,700	23,900	18,800
Iowa.....	27,416	14,862	12,553	28,300	15,400	12,900
Kansas.....	22,983	14,979	8,004	23,700	15,500	8,200
Michigan.....	69,174	39,882	29,292	71,400	41,300	30,100
Minnesota.....	31,228	18,524	15,394	32,200	19,400	15,800
Missouri.....	33,810	22,304	11,506	34,900	23,100	11,800
Nebraska.....	14,666	8,701	5,965	15,100	9,000	6,100
North Dakota.....	7,099	4,033	2,978	7,300	4,200	3,100
Ohio.....	82,815	49,320	33,485	85,400	51,000	34,400
South Dakota.....	8,350	5,435	2,918	8,600	5,600	3,000
Wisconsin ¹	32,531	18,990	13,841	33,800	19,000	14,200
SOUTHEAST.....	343,882	201,639	142,252	354,799	208,699	146,100
Alabama.....	27,634	14,740	12,894	28,400	15,200	13,200
Arkansas.....	16,325	8,666	7,659	16,900	9,000	7,900
Florida.....	43,894	23,457	20,437	45,300	24,300	21,000
Georgia.....	35,918	22,228	13,660	37,100	23,000	14,100
Kentucky.....	24,830	15,093	9,137	25,600	16,200	9,400
Louisiana.....	28,392	16,916	11,476	29,300	17,500	11,800
Mississippi.....	19,522	11,123	8,399	20,100	11,500	8,600
North Carolina.....	42,271	26,062	13,609	43,700	26,700	14,000
South Carolina.....	21,885	12,512	9,372	22,600	12,900	9,600
Tennessee.....	29,575	15,921	10,654	30,500	16,600	10,900
Virginia.....	36,106	20,989	15,167	37,300	21,700	15,600
West Virginia.....	17,530	7,773	9,757	18,000	8,000	10,000

See footnotes at end of table.

Table 21.—Number of full-time and part-time classroom teachers in public elementary and secondary day schools, by level and State: Fall 1963 and fall 1964—Continued

Region and State	Fall 1963			Fall 1964 ¹		
	Total	Elementary	Secondary	Total	Elementary	Secondary
1	2	3	4	5	6	7
WEST AND SOUTH-WEST	284,877	238,344	188,633	294,799	238,099	168,799
Alaska.....	2,229	1,545	684	2,300	1,600	700
Arizona.....	14,517	10,007	4,510	14,900	10,300	4,600
California.....	139,000	85,000	54,000	143,300	87,900	55,400
Colorado.....	20,084	10,826	9,258	20,700	11,200	9,500
Hawaii.....	5,230	3,093	2,137	5,400	3,200	2,200
Idaho.....	6,897	3,527	3,370	7,100	3,600	3,500
Montana.....	7,352	4,811	2,541	7,600	5,000	2,600
Nevada.....	3,849	2,326	1,523	4,000	2,400	1,600
New Mexico.....	10,087	5,548	4,539	10,400	5,700	4,700
Oklahoma.....	21,800	12,300	9,800	22,600	12,600	9,900
Oregon.....	19,401	11,399	8,012	20,000	11,800	8,200
Texas.....	93,178	55,034	38,142	98,000	58,900	39,100
Utah.....	9,951	5,360	4,591	10,200	5,500	4,700
Washington.....	27,151	14,953	12,188	28,000	15,500	12,500
Wyoming.....	4,153	2,715	1,438	4,300	2,800	1,500
Outlying areas	17,457	10,522	6,925	18,199	10,999	7,299
American Samoa.....	405	314	91	400	300	100
Canal Zone.....	515	287	228	500	300	200
Guam.....	556	304	252	600	300	300
Puerto Rico.....	15,655	9,440	6,215	16,300	9,800	6,500
Virgin Islands.....	326	177	149	400	200	200

¹ Estimated.

² Includes 113 teachers who teach at both levels.

³ Data as of June 1963.

⁴ Excludes vocational schools not operating as part of the regular public school system.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Fall 1963 Statistics on Enrollment, Teachers, and Schoolhousing in Full-Time Public Elementary and Secondary Day Schools*, and Office of Education estimates.

Table 22.—Estimated number of classroom teachers in regular¹ nonpublic elementary and secondary day schools, by State: Fall 1964

Region and State	Total	Elementary	Secondary
1	2	3	4
United States	207, 900	137, 000	70, 900
NORTH ATLANTIC	44, 010	32, 900	11, 110
Connecticut.....	4, 700	2, 670	2, 030
Delaware.....	970	410	560
Maine.....	1, 410	770	640
Maryland.....	3, 100	2, 100	1, 000
Massachusetts.....	2, 910	1, 470	1, 440
New Hampshire.....	1, 270	630	640
New Jersey.....	2, 310	1, 110	1, 200
New York.....	25, 240	19, 700	5, 540
Pennsylvania.....	12, 520	7, 270	5, 250
Rhode Island.....	2, 170	1, 240	930
Vermont.....	800	370	430
District of Columbia.....	1, 170	570	600
GREAT LAKES AND PLAINS	70, 370	43, 830	26, 540
Illinois.....	12, 570	11, 400	1, 170
Indiana.....	4, 310	2, 110	2, 200
Iowa.....	2, 710	2, 400	310
Kansas.....	1, 070	1, 260	810
Michigan.....	10, 240	7, 040	3, 200
Minnesota.....	2, 470	1, 140	1, 330
Missouri.....	2, 410	1, 270	1, 140
Nebraska.....	2, 010	1, 240	770
North Dakota.....	940	440	500
Ohio.....	11, 070	7, 770	3, 300
South Dakota.....	940	470	470
Wisconsin.....	2, 270	1, 270	1, 000
SOUTHEAST	22, 290	12, 600	9, 690
Alabama.....	1, 270	630	640
Arkansas.....	520	310	210
Florida.....	2, 280	2, 280	1, 100
Georgia.....	1, 280	620	660
Kentucky.....	2, 170	2, 070	1, 100
Louisiana.....	2, 090	1, 420	1, 670
Mississippi.....	820	420	400
North Carolina.....	1, 070	630	440
South Carolina.....	820	420	400
Tennessee.....	1, 610	830	780
Virginia.....	2, 470	1, 240	1, 230
West Virginia.....	780	420	360
WEST AND SOUTHWEST	20, 630	20, 630	10, 000
Alaska.....	140	70	70
Arizona.....	1, 100	720	380
California.....	12, 770	9, 270	3, 500
Colorado.....	1, 440	1, 040	400
Hawaii.....	1, 170	620	550
Montana.....	220	200	20
Nevada.....	220	120	100
New Mexico.....	120	70	50
Oklahoma.....	980	620	360
Oregon.....	980	620	360
Texas.....	1, 280	820	460
Utah.....	2, 400	1, 140	1, 260
Washington.....	2, 200	1, 550	650
Wyoming.....	120	100	20
Outlying areas	2, 510	1, 630	880
American Samoa.....	80	40	40
Canal Zone.....	10	10	0
Guam.....	120	70	50
Puerto Rico.....	2, 220	1, 480	740
Virgin Islands.....	110	70	40

¹ Excludes noncollegiate departments of institutions of higher education and residential schools for exceptional children.

Source: Estimated by Office of Education.

Table 23.—Instructional staff in public elementary and secondary day schools, by type of position and by State, 1961-62

Region and State	Total instructional staff	Principals (including assistant principals)	Committees or supervisors of instruction	Classroom teachers	Librarians	Guidance personnel	Psychological personnel	Other non-supervisory instructional personnel
1	2	3	4	5	6	7	8	9
United States.....	1,867,761	67,249	16,169	1,467,964	13,908	21,182	2,089	2,215
NORTH ATLANTIC	298,848	15,448	5,891	263,915	4,376	7,269	1,196	529
Connecticut.....	21,806	1,110	273	19,805	176	437	63	
Delaware.....	4,073	128	21	3,761	76	77	10	
Maryland.....	28,782	281	451	28,115	(*)	106	(*)	
Massachusetts.....	25,298	1,279	643	23,194	843	1,120	76	75
New Hampshire.....	41,922	1,554	103	4,177	14	12		
New Jersey.....	52,820	1,820	572	48,996	204	768	203	
New York.....	120,840	5,241	2,544	123,094	1,248	3,157	671	
Pennsylvania.....	63,925	2,131	1,194	79,229	1,231	1,321	160	(*) 741
Rhode Island.....	6,242	264	81	5,722	46	137		
Vermont.....	2,840	117	23	2,300	16	66		
District of Columbia.....	4,947	203	82	4,570	24	71	22	6
GREAT LAKES AND PLAINS	469,964	13,133	3,794	428,166	5,289	5,657	664	309
Illinois.....	53,548	2,224	699	79,402	723	770	24	
Indiana.....	40,119	1,940	696	37,646	698	521	19	
Iowa.....	28,196	1,179	376	25,907	224	502	84	
Kansas.....	24,304	986	128	22,430	414	244	144	
Michigan.....	71,985	3,000	434	68,024	1,137	1,246	47	
Minnesota.....	22,257	1,196	378	20,973	964	699	(*)	
Missouri.....	34,249	1,405	291	32,553	(*)	(*)	5	64
Nebraska.....	14,507	423	106	13,123	112	136	3	
North Dakota.....	7,998	310		7,102	135	136	137	26
Ohio.....	82,303	4,122	696	75,332	819	1,003		
South Dakota.....	6,237	193		5,143				
Wisconsin.....	22,409	1,170	472	20,292	743	91	171	
SOUTHEAST	246,817	15,034	2,739	229,796	5,244	2,439	262	399
Alabama.....	28,208	1,016	146	27,136		(*)		
Arkansas.....	18,981	519	47	15,042	211	142		
Florida.....	43,642	1,752	305	39,791	1,071	653	226	(*)
Georgia.....	23,935	1,131	479	22,477	307	344		
Kentucky.....	26,046	1,106	198	24,814	650	167	(*)	248
Louisiana.....	26,920	1,369	204	25,345	773	264	6	
Mississippi.....	19,966	796	79	18,036	313	113	3	59
North Carolina.....	42,208	1,653	221	38,907	923	244	15	6

See footnotes at end of table.

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Table 23.—Instructional staff in public elementary and secondary day schools, by type of position and by State: 1961-62—Continued

Region and State	Total instructional staff	Principals (including assistant principals)	Consultants or supervisors of instruction	Classroom teachers ¹	Librarians	Guidance personnel	Psychological personnel	Other non-supervisory instructional personnel
1	2	3	4	5	6	7	8	9
SOUTHEAST—Continued								
South Carolina.....	22,069	596	82	20,925	370	106		
Tennessee.....	30,488	1,192	243	28,287	503	252	41	
Virginia.....	33,987	2,102	550	33,335	(¹)	(¹)		
West Virginia.....	17,279	1,709	83	15,322	93	72		
WEST AND SOUTHWEST	382,192	18,574	3,925	347,070	4,694	5,765	367	1,777
Alaska.....	2,289	98	14	2,129	20	28		
Arizona.....	14,179	532	195	12,963	249	240	(¹)	
California.....	131,132	6,916	1,847	123,911	1,075	2,054	319	
Colorado.....	19,604	863	222	18,027	229	139		184
Hawaii.....	5,474	240		5,003	119	105	4	
Idaho.....	7,132	318	79	6,418	158	158		
Montana.....	7,353	218	50	6,885	89	110		1
Nevada.....	3,221	173	23	2,932	39	64		
New Mexico.....	9,950	557	58	8,934	162	223		
Oklahoma.....	21,731	2,014	59	19,228	103	183	2	42
Oregon.....	18,972	926	231	16,972	297	546	(¹)	
Texas.....	93,197	3,878	631	86,606	1,214	848		
Utah.....	9,898	503	98	8,965	196	219	15	
Washington.....	24,077	1,282	357	24,477	679	774	24	1,534
Wyoming.....	3,985	176	41	3,640	65	61	2	
Outlying areas	18,248	767	512	16,498	160	212	3	96
American Samoa.....	326	2	14	308	1	1		
Canal Zone.....	480	17	9	437	3	9		
Guam.....	610	23	10	549	7	11	3	2
Puerto Rico.....	16,547	690	471	14,959	147	186		
Virgin Islands.....	285	25	8	245	2	5		94

¹ Data in each of the categories of non-supervisory instructional staff are shown for those States reporting such information. In some States, classroom teachers may include other non-supervisory personnel (librarians, guidance personnel, etc.) when such personnel have not been separately reported. ² Includes personnel in other columns identified by footnote 3. ³ See footnote 2. ⁴ Large decrease from data for 1959-60

because of change in classification of instructional personnel. ⁵ Excludes instructional staff in vocational schools not operated as part of the regular public school system. ⁶ Estimated by State.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1961-62*.



Table 24.—Number of science and mathematics teachers in public secondary day schools, by type of school: United States, fall 1961

Type of teacher	Type of school											
	Total		Junior		Junior-senior		Senior		Regular 4-year		Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1	2	3	4	5	6	7	8	9	10	11		
SCIENCE												
Total.....	193,666	100.0	25,263	100.0	38,536	100.0	10,302	100.0	29,575	100.0		
Periods taught per day:												
4 or more.....	64,951	62.7	17,007	67.3	22,271	57.8	8,180	79.4	17,468	59.1		
2 or 3.....	23,834	22.5	5,032	19.9	8,872	23.0	1,577	15.3	7,833	26.6		
1.....	15,281	14.8	3,214	12.7	7,393	19.2	545	5.3	4,229	14.3		
Inexperienced.....	13,471	12.0	3,218	12.7	4,890	12.7	715	6.9	3,648	12.3		
New to the school.....	22,618	21.8	5,269	20.9	8,505	22.1	1,623	15.8	7,231	24.4		
Science teachers who also teach mathematics.....	22,215	21.4	5,364	21.2	10,049	26.1	1,176	11.4	5,626	19.0		
MATHEMATICS												
Total.....	118,296	100.0	38,779	100.0	41,660	100.0	10,214	100.0	29,245	100.0		
Periods taught per day:												
4 or more.....	76,512	64.7	25,999	67.0	25,151	61.3	7,603	74.5	17,754	62.9		
2 or 3.....	24,347	20.6	7,045	18.2	8,660	21.1	1,808	17.7	3,825	24.2		
1.....	17,439	14.7	5,735	14.8	7,240	17.6	798	7.8	3,666	13.0		
Inexperienced.....	12,653	10.7	3,837	9.9	5,090	12.3	791	7.6	2,965	10.5		
New to the school.....	23,298	19.7	6,749	17.4	8,119	19.8	1,967	19.3	6,463	22.9		
Mathematics teachers who also teach science.....	22,215	18.8	5,364	13.8	10,049	24.5	1,176	11.5	5,626	19.9		

NOTE.—Detail may not add to totals because of rounding.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, Science and Mathematics Teachers in Public High Schools.

Table 25.—Estimated number of classroom teachers in regular¹ nonpublic secondary schools: United States, fall 1964

Teaching field	Classroom teachers		Teaching field	Classroom teachers	
	Number	Percent		Number	Percent
1	2	3	1	2	3
All fields.....	70,000	100.0	Business education.....	3,900	5.7
English.....	11,550	16.5	Music.....	3,850	5.5
Social studies.....	10,010	14.3	Art.....	1,050	1.5
Religion.....	8,960	12.8	Home economics.....	770	1.1
Mathematics.....	7,980	11.4	Industrial arts and vocational education.....	490	.7
Foreign languages.....	7,700	11.0	All other.....	350	.5
Health and physical education.....	7,350	10.5			
Science.....	5,950	8.5			

¹ Excludes subcollegiate departments of institutions of higher education and residential schools for exceptional children.

Source: Office of Education estimates based on *Statistics of Nonpublic Secondary Schools, 1960-61* and *Offerings and Enrollments in Grades 9-12 of Nonpublic Secondary Schools, 1961-62*.

Table 26.—Estimated average annual salary of total instructional staff and of classroom teachers in public elementary and secondary day schools, by State: 1963-64

*State	Instructional staff	Classroom teachers		
		Total	Elementary school	Secondary school
1	2	3	4	5
United States.....	\$6,164	\$5,963	\$5,797	\$6,214
Alabama.....	4,700	¹ 4,615	¹ 4,425	¹ 4,825
Alaska.....	8,233	¹ 8,150	(?)	(?)
Arizona.....	6,600	6,500	6,340	6,910
Arkansas.....	4,098	4,031	3,846	4,253
California.....	7,800	7,375	7,075	7,900
Colorado.....	5,950	5,800	5,680	5,900
Connecticut.....	7,050	6,775	6,625	6,875
Delaware.....	6,600	¹ 6,500	¹ 6,387	¹ 6,615
Florida.....	6,100	5,940	(?)	(?)
Georgia.....	4,888	4,740	4,706	4,794
Hawaii.....	6,160	6,000	5,960	6,050
Idaho.....	5,075	4,940	4,710	5,200
Illinois.....	6,810	6,645	6,435	7,090
Indiana.....	6,460	6,280	6,100	6,500
Iowa.....	5,494	5,352	4,892	6,045
Kansas.....	5,462	5,312	5,139	5,619
Kentucky.....	4,620	4,400	4,265	4,705
Louisiana.....	5,275	5,090	4,960	5,250
Maine.....	5,100	4,950	4,750	5,350
Maryland.....	6,727	6,415	6,303	6,540
Massachusetts ¹	6,410	6,275	6,135	6,475
Michigan.....	6,603	6,503	6,450	6,600
Minnesota.....	6,300	6,100	5,875	6,350
Mississippi.....	3,975	3,830	3,687	4,025
Missouri.....	5,626	5,488	5,390	5,678
Montana ¹	5,550	5,420	5,150	5,975
Nebraska.....	5,030	4,800	4,435	5,450
Nevada.....	6,360	6,140	6,020	6,268
New Hampshire.....	5,275	5,185	5,050	5,370
New Jersey.....	6,711	6,511	6,450	6,600
New Mexico.....	6,160	¹ 6,040	¹ 5,940	¹ 6,190
New York.....	7,400	7,200	7,030	7,400
North Carolina.....	5,211	5,050	4,998	5,190
North Dakota.....	4,550	4,400	4,075	5,025
Ohio.....	6,100	5,850	5,600	6,200
Oklahoma.....	5,300	5,160	5,050	5,300
Oregon.....	6,420	6,240	6,125	6,410
Pennsylvania.....	6,060	5,908	5,870	5,945
Rhode Island.....	6,300	6,150	6,100	6,200
South Carolina.....	4,425	4,350	4,280	4,550
South Dakota ¹	4,500	4,425	4,175	5,100
Tennessee.....	4,780	4,700	4,575	5,000
Texas.....	5,550	5,390	5,300	5,510
Utah.....	5,650	5,505	5,450	5,575
Vermont.....	5,250	5,150	4,900	5,580
Virginia.....	5,300	5,150	5,075	5,325
Washington.....	6,615	6,390	6,280	6,600
West Virginia ¹	4,800	4,725	4,465	5,075
Wisconsin.....	6,120	5,985	5,793	6,370
Wyoming.....	6,000	¹ 5,725	¹ 5,730	¹ 5,730

¹ Estimated by NEA Research Division.² Data not available.³ Includes salaries of all non-supervisory instructional personnel.SOURCE: *Estimates of School Statistics, 1963-64*, Copyright © 1963 by the National Education Association, all rights reserved. Used by permission.

Table 27.—Average annual salary of instructional staff¹ in full-time public elementary and secondary day schools, by State: 1951-52 and 1961-62

Region and State	Unadjusted dollars		Adjusted dollars (1961-62 purchasing power) ²	
	1951-52	1961-62	1951-52	1961-62
1	2	3	4	5
United States.....	\$3,450	\$5,700	\$3,945	\$5,700
NORTH ATLANTIC:				
Connecticut.....	3,937	6,770	4,502	6,770
Delaware.....	3,919	6,303	4,481	6,303
Maine.....	2,269	4,288	2,505	4,288
Maryland.....	3,903	6,242	4,463	6,242
Massachusetts.....	3,553	5,850	4,063	5,850
New Hampshire.....	3,031	4,861	3,466	4,861
New Jersey.....	3,922	6,285	4,485	6,285
New York.....	4,591	6,941	5,250	6,941
Pennsylvania.....	3,536	5,733	4,043	5,733
Rhode Island.....	3,603	5,903	4,120	5,903
Vermont.....	2,568	4,997	2,971	4,997
District of Columbia.....	4,467	6,664	5,108	6,664
GREAT LAKES AND PLAINS:				
Illinois.....	3,903	6,300	4,463	6,300
Indiana.....	3,865	6,409	4,420	6,409
Iowa.....	2,895	5,001	3,310	5,001
Kansas.....	2,963	4,925	3,388	4,925
Michigan.....	3,862	6,022	4,416	6,022
Minnesota.....	3,327	5,816	3,804	5,816
Missouri.....	2,763	5,143	3,159	5,143
Nebraska.....	2,550	4,470	2,916	4,470
North Dakota.....	2,535	4,192	2,899	4,192
Ohio.....	3,537	5,554	4,045	5,554
South Dakota.....	2,351	4,138	2,688	4,138
Wisconsin.....	3,590	5,709	4,105	5,709
SOUTHEAST:				
Alabama.....	2,537	4,071	2,901	4,071
Arkansas.....	1,884	3,685	2,154	3,685
Florida.....	3,248	5,624	3,714	5,624
Georgia.....	2,586	4,494	2,957	4,494
Kentucky.....	2,393	4,427	2,736	4,427
Louisiana.....	3,124	5,282	3,572	5,282
Mississippi.....	1,617	3,637	1,849	3,637
North Carolina.....	3,282	5,190	3,753	5,190
South Carolina.....	2,400	3,865	2,744	3,865
Tennessee.....	2,462	4,190	2,815	4,190
Virginia.....	2,627	4,824	3,004	4,824
West Virginia.....	2,967	4,432	3,393	4,432

See footnotes at end of table.

Table 27—Average annual salary of instructional staff¹ in full-time public elementary and secondary day schools, by State: 1951-52 and 1961-62—Continued

Region and State	Unadjusted dollars		Adjusted dollars (1961-62 purchasing power) ²	
	1951-52	1961-62	1951-52	1961-62
1	2	3	4	5
WEST AND SOUTHWEST:				
Alaska.....	(⁵)	7,285	(⁵)	(⁵)
Arizona.....	4,021	6,190	4,598	6,190
California.....	4,163	7,100	4,780	7,100
Colorado.....	3,244	5,349	3,710	5,349
Hawaii.....	(⁵)	5,551	(⁵)	(⁵)
Idaho.....	2,840	4,479	3,256	4,479
Montana.....	3,094	4,977	3,538	4,977
Nevada.....	3,484	6,157	3,984	6,157
New Mexico.....	3,621	5,700	4,141	5,700
Oklahoma.....	3,031	4,997	3,466	4,997
Oregon.....	3,679	6,100	4,207	6,100
Texas.....	3,213	5,379	3,674	5,379
Utah.....	3,420	5,337	3,911	5,337
Washington.....	3,919	6,190	4,481	6,190
Wyoming.....	3,157	5,546	3,610	5,546
Outlying areas				
American Samoa.....	(⁵)	1,279	(⁵)	(⁵)
Canal Zone.....	(⁵)	6,487	(⁵)	(⁵)
Guam.....	(⁵)	4,102	(⁵)	(⁵)
Puerto Rico.....	(⁵)	3,031	(⁵)	(⁵)

¹ Includes supervisors, principals, classroom teachers, and other instructional staff.
² Based on the Consumer Price Index, which is prepared by the Bureau of Labor Statistics, U.S. Department of Labor.
³ Estimated by Office of Education.
⁴ Excludes vocational schools not operated as part of the regular public school system.
⁵ Data not available.
⁶ Represents weighted average of median of all certificated employees.
⁷ Excludes psychological personnel.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1961-62*.

Table 28.—Average annual salary of instructional staff in public elementary and secondary day schools, and average annual earnings of full-time employees in all industries, in unadjusted dollars and adjusted dollars (1961-62 purchasing power): United States, 1929-30 to 1961-62

School year	Unadjusted dollars		Adjusted dollars (1961-62 purchasing power) ¹	
	Salary per member of instructional staff	Earnings per full-time employee working for wages or salary ²	Salary per member of instructional staff	Earnings per full-time employee working for wages or salary
1	2	3	4	5
1929-30.....	\$1,420	\$1,386	\$2,493	\$2,434
1931-32.....	1,417	1,198	2,955	2,498
1933-34.....	1,227	1,070	2,787	2,430
1935-36.....	1,283	1,160	2,807	2,538
1937-38.....	1,374	1,244	2,887	2,614
1939-40.....				
1941-42.....	1,441	1,282	3,100	2,759
1943-44.....	1,507	1,576	2,908	3,041
1945-46.....	1,728	2,030	2,964	3,508
1947-48.....	1,995	2,272	3,290	3,747
	2,639	2,692	3,404	3,472
1949-50.....				
1951-52.....	3,010	2,930	3,821	3,720
1953-54.....	3,450	3,322	3,945	3,799
1955-56.....	3,825	3,628	4,275	4,055
1957-58.....	4,156	3,942	4,648	4,409
	4,702	4,276	4,946	4,498
1959-60.....				
1961-62.....	5,174	4,632	5,295	4,739
	5,700	4,928	5,700	4,928

¹ Adjusted by means of the Consumer Price Index, U.S. Department of Labor, Bureau of Labor Statistics.
² Calendar-year data from the U.S. Department of Commerce have been converted to a school-year basis by averaging the two appropriate calendar years in each case.

SOURCES: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*; and *Statistics of State School Systems, 1961-62*. U.S. Department of Commerce, Office of Business Economics, *Survey of Current Business*, July 1962 and July 1963; *U.S. Income and Output*; and *National Income*, 1954 edition.

Table 29.—Number of public school systems and number of pupils enrolled, by size of system: United States, fall 1963

Enrollment size (number of pupils)	School systems		Pupils enrolled	
	Number	Percent	Number (in thousands)	Percent
1	2	3	4	5
All sizes.....	31,705	100.0	40,217	100.0
25,000 or more.....	143	.5	10,791	26.8
12,000 to 24,999.....	293	.9	4,788	11.9
6,000 to 11,999.....	774	2.4	6,304	15.7
3,000 to 5,999.....	1,599	5.0	6,604	16.4
1,200 to 2,999.....	3,522	11.1	6,561	16.3
600 to 1,199.....	3,210	10.1	2,600	6.5
300 to 599.....	2,663	8.4	1,070	2.7
1 to 299.....	15,559	49.1	1,498	3.7
None ¹	3,942	12.4		

¹ Systems not operating schools.

NOTE.—Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Education Directory, 1963-64*, Part 2, Public School Systems.

Table 30.—Number of local basic administrative units (school districts), and number of public and nonpublic elementary and secondary schools: United States, 1929-30 to 1961-62

School year	Public school systems			Nonpublic schools ¹		
	School districts ²	Elementary schools		Secondary schools	Elementary	Secondary
		Total	1-teacher			
1	2	3	4	5	6	7
1929-30.....	(³)	238,376	149,282	23,930	9,275	3,258
1931-32.....	127,531	232,750	143,891	26,409	9,734	3,289
1933-34.....	(³)	236,236	139,166	24,714	9,992	3,327
1935-36.....	(³)	232,174	131,101	25,652	9,992	3,327
1937-38.....	119,001	221,660	121,178	25,467	9,992	3,327
1939-40.....	117,108	(³)	113,600	(³)	11,306	3,508
1941-42.....	115,493	183,112	107,692	25,123	10,285	3,011
1943-44.....	111,383	169,905	96,302	28,973	10,285	3,011
1945-46.....	101,382	160,227	86,563	24,314	9,853	3,294
1947-48.....	94,926	146,760	75,096	25,484	10,071	3,292
1949-50.....	83,718	128,225	59,652	24,542	10,375	3,331
1951-52.....	71,094	123,763	50,742	23,746	10,666	3,322
1953-54.....	63,067	110,875	42,865	25,637	11,739	3,913
1955-56.....	54,859	104,427	34,964	26,046	12,372	3,887
1957-58.....	47,594	95,466	25,341	25,507	13,065	3,994
1959-60.....	40,520	91,853	20,213	25,794	13,574	4,061
1961-62.....	35,676	81,910	13,333	25,350	14,762	4,129

¹ Data for most years are partly estimated.

² Includes operating and nonoperating districts.

³ Data not available. ⁴ Revised since originally published.

NOTE.—Beginning in 1959-60, includes Alaska and Hawaii.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*, chapters on Statistical Summary of Education; *Statistics of State School Systems*; *Statistics of Nonpublic Elementary Schools*; and *Statistics of Nonpublic Secondary Schools*.

Table 31.—Number and percent of public secondary schools, by type of school: United States, 1919-20 to 1958-59

School year	Total	Type of school			
		Tradi- tional ¹	Junior ²	Senior ³	Junior- senior ⁴
1	2	3	4	5	6
1919-20:					
Number.....	14,826	13,421	55	22	828
Percent.....	100.0	90.7	0.4	0.1	5.8
1929-30:					
Number.....	22,237	16,460	1,842	648	3,287
Percent.....	100.0	74.0	8.3	2.9	14.8
1937-38:					
Number.....	25,067	16,523	2,372	959	6,203
Percent.....	100.0	61.9	9.5	3.8	24.8
1945-46:					
Number.....	24,122	13,797	2,653	1,312	6,360
Percent.....	100.0	57.2	11.0	5.4	26.4
1951-52:					
Number.....	23,746	10,168	3,227	1,780	8,691
Percent.....	100.0	42.8	13.6	7.4	36.2
1958-59:					
Number.....	24,190	6,024	4,996	3,040	10,130
Percent.....	100.0	24.9	20.6	12.6	41.9

¹ Includes 4-year high schools preceded by 8-year elementary schools. No reorganization has taken place.

² Includes 2-year and 3-year junior high schools.

³ Includes 3-year and 4-year senior high schools preceded by junior high schools.

⁴ Includes 5-year and 6-year high schools.

NOTE.—Data are for 48 States and D.C.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of Education in the United States, 1958-59 Series, Number 1, Public Secondary Schools.*

Table 32.—Instruction rooms available, completed, abandoned, and needed in full-time public elementary and secondary day schools, by State: 1962-64

Region and State	Instruction rooms available, completed, and abandoned					Additional instruction rooms needed,				Instruction rooms scheduled for completion during 1963-64
	2	3	4	5	6	7	8	9		
United States ¹	1,438,304	65,300	17,000	1,496,664	124,300	59,400	64,900	59,770		
NORTH ATLANTIC.....	339,611	13,962	3,202	340,711	34,766	18,495	16,210	12,455		
Connecticut.....	18,870	1,202	262	19,810	870	557	313	725		
Delaware.....	3,594	273	12	3,947	121	55	66	210		
Maine.....	2,103	500	323	8,260	449	392	457	246		
Maryland.....	22,233	1,316	69	23,490	2,901	2,390	511	1,199		
Massachusetts.....	36,752	1,796	335	38,202	2,079	1,198	953	1,091		
New Hampshire.....	4,611	255	41	4,725	319	240	79	209		
New Jersey.....	42,743	1,890	302	44,331	4,028	3,177	851	2,486		
New York.....	108,112	3,457	618	109,135	14,599	5,794	8,775	4,061		
Pennsylvania.....	74,512	2,598	1,131	75,979	7,190	3,590	3,900	2,056		
Rhode Island.....	3,074	174	87	3,161	539	318	221	82		
Vermont.....	3,366	69		3,411	447	227	220	86		
District of Columbia.....	4,149	180	26	4,329	763	559	224	104		
GREAT LAKES AND PLAINS.....	418,439	(¹)	(¹)	430,519	32,961	15,444	17,517	16,577		
Illinois.....	71,679	(¹)	(¹)	78,164	7,973	3,279	4,994	2,437		
Indiana.....	37,178	1,411	430	38,159	2,722	1,212	1,310	1,335		
Iowa.....	26,552	596	114	27,054	668	350	119	950		
Kansas.....	23,724	650	260	24,124	650	500	150	550		
Michigan.....	61,793	2,988	846	63,635	6,450	2,333	4,117	3,072		
Minnesota.....	30,013	1,428	543	30,966	2,594	1,277	1,317	1,061		
Missouri.....	33,273	1,592	219	34,444	3,940	1,611	2,399	1,943		
Nebraska.....	14,435	408	268	14,744	1,435	639	597	664		
North Dakota.....	6,626	704	268	7,768	348	148	200	148		
Ohio.....	75,864	3,610	704	78,900	3,440	2,240	1,200	3,400		
South Dakota.....	7,995	269	153	8,091	732	461	291	178		
Wisconsin.....	29,246	1,940	546	30,540	1,949	965	954	1,199		

ELEMENTARY AND SECONDARY EDUCATION

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
SOUTHEAST	328,644								
Alabama.....	27,570	854	27,924	2,044	1,434	610	752		
Arkansas.....	15,412	878	18,668	2,060	940	1,240	942		
Florida.....	37,082	1,968	38,721	4,707	2,460	2,331	1,067		
Georgia.....	35,189	1,498	36,177	3,412	2,324	1,079	1,866		
Kentucky.....	28,604	1,378	29,260	3,539	1,129	2,707	1,051		
Louisiana.....	28,334	1,106	29,063	2,286	1,129	1,534	1,208		
Mississippi.....	18,608	954	19,208	1,871	645	726	1,037		
North Carolina.....	42,546	1,300	43,384	6,100	2,470	3,020	1,426		
South Carolina.....	21,028	602	21,452	1,185	606	577	1,301		
Tennessee.....	30,072	1,031	30,471	2,468	1,296	1,182	1,846		
Virginia.....	32,822	2,348	33,961	3,493	2,108	1,356	2,266		
West Virginia.....	19,891	(1)	23,961	(1)	(1)	(1)	(1)		
	361,279	19,544	377,832	28,610	8,699	11,929	17,962		
WEST AND SOUTHWEST									
Alaska.....	1,909	157	2,062	364	173	191	144		
Arizona.....	12,000	740	13,249	947	552	366	466		
California.....	132,000	8,000	140,500	1,000	1,100	500	8,000		
Colorado.....	15,024	1,068	16,228	1,858	1,246	612	1,067		
Hawaii.....	5,601	290	6,765	560	153	437	264		
Idaho.....	6,700	306	7,952	536	232	305	106		
Montana.....	7,256	410	7,950	433	250	193	275		
Nevada.....	3,064	208	3,294	414	350	64	410		
New Mexico.....	9,215	618	9,711	872	351	521	491		
Oklahoma.....	23,113	491	23,403	1,960	650	1,300	800		
Oregon.....	17,146	859	17,830	1,741	699	772	447		
Texas.....	86,555	4,048	90,328	4,592	551	4,041	3,447		
Utah.....	6,737	431	7,078	1,199	767	402	598		
Washington.....	26,768	1,759	28,104	4,264	1,743	2,521	684		
Wyoming.....	3,965	113	4,028	278	108	175	126		
	300	10	310	204	10	194	82		
Outlying areas									
American Samoa.....	450	67	517	31	31	10	10		
Canal Zone.....	559	72	491	199	72	127	6		
Guam.....	12,929	447	13,296	4,822	4,222	600	630		
Puerto Rico.....	262	29	296	50	80	30	30		
Virgin Islands.....									

Source: U.S. Department of Health, Education, and Welfare, Office of Education, Fall 1963 Statistics on Enrollment, Teachers, and Schooling in Full-Time Public Elementary and Secondary Day Schools.

1 Data in columns 8 through 9 include estimates for nonreporting States.
 2 Excludes some instruction rooms in New York City.
 3 Data not available.

Table 33.—Selected characteristics of instructional rooms in public school plants, by State: Spring 1962

[Percents are of total instructional rooms]

State	All instructional rooms in public school plants	Permanent type instructional rooms by completion date and combustibility						Instructional rooms in —					
		Before 1920 and combustible		All combustible		Noncombustible, before 1920		Nonpermanent buildings		Off-site facilities			
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
1	2	3	4	5	6	7	8	9	10	11	12		
United States.....	1, 478, 649	61, 477	3.5	154, 557	10.5	183, 756	12.4	31, 230	2.1	8, 934	0.4		
Alabama.....	29, 431	1, 050	3.6	6, 741	22.9	1, 108	3.7	501	1.7	109	0.4		
Alaska.....	1, 613	15	.8	518	28.6	28.6	.....	28	2.0	20	1.1	
Arizona.....	12, 787	151	1.2	471	3.7	1, 192	9.2	616	4.8	45	.4		
Arkansas.....	15, 450	371	2.4	2, 247	14.5	1, 179	7.6	475	3.0	122	.8		
California.....	119, 619	1, 563	1.3	32, 036	26.8	3, 135	2.6	10, 195	8.5	256	.2		
Colorado.....	17, 057	1, 086	6.4	1, 660	9.7	2, 060	12.1	363	2.3	81	.5		
Connecticut.....	20, 622	577	4.3	1, 128	5.5	3, 434	16.7	150	.7	50	.2		
Delaware.....	3, 847	39	1.0	65	1.7	25	.....	36	.9	9	.2	
District of Columbia.....	4, 521	.....	.....	5	.....	967	21.4	48	1.1	2	.0
Florida.....	37, 019	406	1.1	2, 064	5.5	2, 096	5.6	2, 106	5.7	214	.6		
Georgia.....	36, 175	639	1.8	4, 110	11.4	1, 615	4.5	321	.9	106	.3		
Hawaii.....	5, 706	346	6.0	2, 097	36.4	114	2.0	346	6.0	16	.3		
Idaho.....	6, 972	320	4.6	714	10.2	1, 276	18.3	141	2.0	66	1.0		
Illinois.....	73, 136	3, 926	5.4	4, 631	6.3	13, 358	18.3	415	.6	123	.2		
Indiana.....	39, 250	924	2.4	1, 470	3.7	8, 997	22.9	328	.8	133	.3		
Iowa.....	27, 552	1, 692	6.1	2, 250	8.2	7, 930	28.9	213	.8	215	.8		
Kansas.....	24, 554	737	3.0	1, 271	5.2	3, 665	14.9	619	2.5	91	.4		
Kentucky.....	24, 373	872	3.6	2, 630	10.7	2, 228	9.1	1, 074	4.1	226	.9		
Louisiana.....	29, 409	446	1.5	4, 128	14.0	1, 490	5.0	549	1.9	33	.1		
Maine.....	8, 744	1, 113	12.7	2, 960	34.1	1, 367	15.9	54	.6	41	.5		
Maryland.....	23, 709	963	4.1	1, 503	6.3	1, 765	7.4	296	1.3	86	.4		
Massachusetts.....	33, 787	2, 473	7.3	3, 424	10.1	8, 174	24.2	1, 077	3.2	109	.3		
Michigan.....	63, 636	2, 894	4.5	3, 649	5.7	6, 750	10.6	411	.6	196	.3		
Minnesota.....	30, 678	2, 126	6.9	3, 013	9.8	5, 520	18.0	279	.9	168	.5		
Mississippi.....	19, 615	1, 127	5.7	1, 998	10.1	3, 534	18.0	246	1.3	79	.4		

Missouri.....	33,213	1,045	3.1	2,319	6.9	5,512	15.6	323	1.0	104	3
Montana.....	7,661	1,665	5.6	1,479	19.2	1,251	16.3	55	1.1	94	3
Nebraska.....	15,572	1,862	11.9	2,944	18.6	3,679	23.6	196	1.1	41	3
Nevada.....	2,952	86	3.0	236	8.1	236	7.0	22	1.1	41	3
New Hampshire.....	4,784	530	10.9	703	14.7	790	16.3	6	2	21	4
New Jersey.....	44,921	1,173	2.6	1,598	3.6	9,812	21.8	102	2	237	8
New Mexico.....	9,915	64	0.6	502	5.1	394	4.0	579	5.8	33	3
New York.....	116,481	1,765	1.5	2,373	2.0	19,331	16.6	320	3	767	7
North Carolina.....	44,214	1,722	1.6	4,874	11.0	1,935	4.4	275	6	69	1
North Dakota.....	7,208	844	11.7	1,313	18.2	1,396	19.0	159	2.1	93	1.3
Ohio.....	78,078	1,193	1.5	1,407	1.8	15,437	19.8	795	9	419	5
Oklahoma.....	25,314	327	1.3	1,964	7.8	2,413	9.5	573	3.4	55	2
Oregon.....	18,214	781	4.3	7,403	40.6	1,023	5.6	166	9	41	2
Pennsylvania.....	78,298	2,999	3.8	4,343	5.5	16,232	20.7	437	6	328	4
Rhode Island.....	5,629	53	9.8	734	13.0	937	16.6	26	5	6	1
South Carolina.....	22,192	377	1.7	1,932	8.7	1,099	4.8	299	1.3	91	2
South Dakota.....	8,993	1,430	16.0	2,254	25.4	1,267	14.3	221	2.5	100	1.1
Tennessee.....	31,146	1,047	3.4	5,640	18.1	1,676	5.4	260	8	46	2
Texas.....	93,427	1,615	1.7	5,367	6.1	5,949	6.7	4,004	4.5	265	3
Utah.....	9,981	870	8.8	1,194	12.0	1,615	16.2	94	9	46	6
Vermont.....	3,533	649	18.4	953	27.3	629	17.8	66	1.9	36	1.0
Virginia.....	33,754	1,394	4.1	3,779	11.2	2,531	7.6	463	1.4	177	6
Washington.....	27,636	987	3.2	4,713	16.9	2,379	8.5	1,201	4.3	134	6
West Virginia.....	17,003	1,627	9.6	3,639	22.4	2,149	12.6	294	1.7	96	3
Wisconsin.....	29,256	2,865	9.8	3,671	12.2	3,998	13.2	133	5	90	3
Wyoming.....	4,453	111	2.5	606	9.1	347	7.7	54	1.2	15	3

1 Includes 28,872 (1.8 percent) improvised or makeshift instructional rooms
 2 Includes improvised or makeshift instructional rooms in permanent buildings
 3 Less than one-tenth of 1 percent.

SOURCE: U. S. Department of Health, Education, and Welfare, Office of Education, National Inventory of School Facilities and Personnel, Spring 1969.



Table 34.—Number of additional rooms needed for instructional use by varying measures of pupil accommodation, by State: Spring 1962

State	Number of additional rooms needed to reduce maximum class size to—		
	25 elementary school pupils, 20 secondary	27.6 elementary school pupils, 26.3 secondary (1962 median)	30 elementary school pupils, 30 secondary
1	2	3	4
United States.....	271, 871	117, 409	65, 970
Alabama.....	7, 267	3, 388	1, 953
Alaska.....	172	45	24
Arizona.....	2, 530	1, 207	750
Arkansas.....	3, 497	1, 686	1, 063
California.....	35, 506	18, 518	11, 748
Colorado.....	3, 014	1, 250	673
Connecticut.....	2, 103	764	404
Delaware.....	422	142	85
District of Columbia.....	1, 162	584	351
Florida.....	11, 634	5, 646	3, 336
Georgia.....	8, 440	4, 108	2, 333
Hawaii.....	1, 233	471	239
Idaho.....	1, 182	457	246
Illinois.....	11, 295	5, 363	3, 270
Indiana.....	7, 020	2, 862	1, 512
Iowa.....	2, 310	807	452
Kansas.....	1, 842	691	379
Kentucky.....	5, 128	2, 367	1, 415
Louisiana.....	4, 800	2, 267	1, 326
Maine.....	979	383	174
Maryland.....	6, 391	2, 800	1, 520
Massachusetts.....	5, 315	2, 200	1, 329
Michigan.....	13, 495	5, 593	3, 025
Minnesota.....	3, 507	1, 206	607
Mississippi.....	5, 410	2, 834	1, 810
Missouri.....	5, 105	2, 147	1, 171
Montana.....	764	291	161
Nebraska.....	1, 277	546	310
Nevada.....	457	175	82
New Hampshire.....	479	158	65
New Jersey.....	6, 945	2, 550	1, 319
New Mexico.....	1, 932	887	548
New York.....	17, 776	6, 523	3, 465
North Carolina.....	7, 900	3, 119	1, 460
North Dakota.....	596	298	222
Ohio.....	12, 752	4, 812	2, 346
Oklahoma.....	3, 482	1, 544	929
Oregon.....	1, 622	327	94
Pennsylvania.....	15, 370	5, 651	2, 962
Rhode Island.....	935	364	194
South Carolina.....	6, 553	3, 190	1, 829
South Dakota.....	483	186	110
Tennessee.....	6, 387	2, 483	1, 103
Texas.....	14, 173	6, 029	3, 370
Utah.....	2, 256	993	499
Vermont.....	229	80	45
Virginia.....	6, 766	2, 874	1, 457
Washington.....	4, 910	2, 006	1, 113
West Virginia.....	3, 684	1, 421	688
Wisconsin.....	3, 232	1, 023	463
Wyoming.....	252	73	41

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *National Inventory of School Facilities and Personnel, Spring 1962*. Special computations by George J. Collins, Chief, Elementary-Secondary Education Surveys Section.

Table 35.—Facilities in elementary and secondary school plants,¹ by organizational level and control: United States, spring 1962
 [Numbers in thousands, unless indicated otherwise]

Item	Public schools				Nonpublic schools				
	Total	Organizational level of school plant			Total	Organizational level of school plant			
		Elementary only	Combined elementary-secondary	Secondary only		Not reported	Elementary only	Combined elementary-secondary	Secondary only
1	2	3	4	5	6	7	8	9	10
General-use facilities in permanent school buildings.....	191	99	42	49	1	34	20	7	7
Centralized school library.....	47	23	12	12	.....	8	5	2	2
Auditorium.....	23	10	5	7	.....	5	3	1	1
Cafeteria or lunchroom.....	39	20	9	10	.....	7	4	1	2
Gymnasium.....	24	8	6	11	.....	2	1	1	1
Gym-auditorium.....	19	10	6	4	.....	3	2	1	1
Cafeteria-auditorium.....	11	9	1	1	.....	2	1	1	1
Cafeteria-gymnasium.....	2	1	.....	.....	.....	.....	.....	.....	.....
Cafeteria-gym-auditorium.....	7	6	1	.....	.....	.....	.....	.....	.....
Other multipurpose room.....	19	12	3	4	.....	1	4	1	1
Instructional rooms (classrooms, shops, laboratories).....	1,801	770	283	438	10	188	108	39	40
In permanent school buildings.....	1,464	747	278	429	10	180	103	38	39
Rooms designed (or remodeled) as instructional rooms	1,436	732	271	423	10	173	99	37	28
Improvised or makeshift rooms	28	18	7	6	.....	7	4	1	1
In nonpermanent buildings on site	31	20	4	8	.....	5	3	1	1
In off-site buildings.....	6	3	2	1	.....	3	2	1	1
Instructional rooms in permanent school buildings, total.....	1,464	747	278	429	10	180	103	38	39
Date of completion:									
Before 1920.....	238	148	40	50	.....	42	23	11	9
1920-29.....	242	115	52	75	1	29	16	7	6
1930-39.....	161	66	44	51	.....	14	7	3	3
1940-49.....	104	54	27	23	.....	16	10	3	3
1950-59.....	513	272	86	183	1	59	37	9	12
1960-spring 1962.....	157	74	23	59	1	16	9	3	4
Not reported, or under construction ²	48	17	5	19	6	4	2	1	1

See footnotes at end of table.

Table 35.—Facilities in elementary and secondary school plants,¹ by organizational level and control: United States, spring 1962—Continued
 [Numbers in thousands, unless indicated otherwise]

Item	Public schools				Nonpublic schools			
	Total	Organizational level of school plant			Total	Organizational level of school plant:		
		Elementary only	Combined elementary-secondary	Secondary only		Elementary only	Combined elementary-secondary	Secondary only
1	2	3	4	6	7	8	9	10
Permanent school buildings and additions.....	171	104	34	31	23	14	6	4
Fire-resistive rating: ⁴								
Fire-resistive.....	76	42	15	18	12	8	2	2
Semi-fire-resistive.....	48	28	11	8	7	4	1	1
Combustible.....	40	30	6	4	3	2	1	1
Mixed, or not reported.....	7	4	1	1	2	1	1	1
Date of completion:								
Before 1920.....	30	22	4	3	5	3	1	1
1920-29.....	24	15	5	4	3	2	1	1
1930-39.....	20	11	6	4	2	1	1	1
1940-49.....	17	9	5	3	3	2	1	1
1950-59.....	58	34	12	12	8	5	1	1
1960-spring 1962.....	17	9	3	4	2	1	1	1
Not reported, or under construction:	5	2	1	1	1	1	1	1
Number of stories:								
One.....	114	74	23	17	10	7	2	1
More than one.....	54	29	11	14	13	8	3	3
Not reported.....	2	1	1	1	1	1	1	1
Outside wall material:								
Wood.....	28	22	4	2	3	2	1	3
Masonry.....	124	71	28	24	18	11	4	3
Other, or not reported.....	19	11	2	6	2	1	1	1
Framing:								
Wood.....	58	41	10	6	6	3	1	1
Steel.....	52	23	9	11	8	5	1	1
Masonry.....	19	9	3	6	3	2	1	1
Other, or not reported.....								

School plants.....	93	67	12	13	1	14	10	2
Day school membership, March 30, 1962 (in millions).....	37.1	20.1	6.4	10.6		8.2	3.5	0.9
Kindergarten and nursery.....	2.0	1.8	.2			.2	.1	
Elementary.....	21.7	13.3	3.4			3.0	2.4	
Secondary.....	13.4		2.8	10.6		1.1		.3

1 A school plant is defined as a site and buildings constituting the physical facilities used by a single school or by two or more schools sharing the use of common facilities. A plant with 90 percent or more of its membership at the elementary level is an elementary plant; similarly for a secondary plant.

2 Plants with level not reported are mostly under construction, or serve predominantly the kindergarten or junior college level. The figures are included in the public and nonpublic totals, but are too small to show separately for the nonpublic schools (70 general-use facilities, 600 instructional rooms, 60 buildings and additions, 30 school plants, and 1,100 membership).

3 Data incomplete for buildings under construction.

4 Fire-resistive is defined as a building constructed entirely of fire-resistive materials;

or a building with fire-resistive walls and partitions, floors, stairways, and ceilings. Semi-fire-resistive is defined as a building with fire-resistive exterior and bearing walls and fire-resistive corridor and stairway walls, floors, and ceilings. Combustible is defined as an all-frame building; a building with fire-resistive veneer on wood frame; or one with fire-resistive bearing walls, but otherwise of combustible construction.

5 Includes 70,000 day membership of junior colleges sharing buildings during the day.

NOTE.—Detail may not add to totals because of rounding.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, National Secretary of School Facilities and Personnel, Spring 1962.

Table 36.—Number of public high school graduates, by sex and State: 1962-63

Region and State 1	1962-63		
	Total 2	Boys 3	Girls 4
United States.....	1,710,844	844,467	866,377
NORTH ATLANTIC.....	419,442	204,269	215,173
Connecticut.....	22,378	¹ 10,473	¹ 11,905
Delaware.....	4,034	1,955	2,079
Maine.....	8,513	4,267	4,246
Maryland.....	28,815	14,394	14,421
Baltimore.....	6,585	3,371	3,214
Massachusetts.....	43,909	22,206	21,703
Boston.....	3,671	2,002	1,669
New Hampshire.....	4,840	2,373	2,467
New Jersey.....	54,439	26,428	28,011
New York.....	139,500	66,400	73,100
New York City.....	52,194	¹ 24,792	¹ 27,402
Pennsylvania.....	99,600	49,500	50,100
Philadelphia.....	9,149	4,362	4,787
Rhode Island.....	6,485	3,083	3,402
Vermont.....	3,402	1,713	1,689
District of Columbia.....	3,527	1,477	2,050
GREAT LAKES AND PLAINS.....	496,876	250,200	246,676
Illinois.....	82,266	41,387	40,879
Chicago.....	16,997	8,329	8,668
Indiana.....	46,501	23,610	22,891
Iowa.....	29,807	15,004	14,803
Kansas.....	25,621	13,051	12,570
Michigan.....	75,883	37,183	38,700
Detroit.....	11,810	5,685	6,125
Minnesota.....	38,249	19,238	19,011
Missouri.....	39,700	20,300	19,400
St. Louis.....	3,299	1,812	1,787
Nebraska.....	14,768	7,476	7,292
North Dakota.....	8,155	4,031	4,124
Ohio.....	87,198	43,354	43,839
Cleveland.....	4,464	2,135	2,329
South Dakota.....	8,174	4,103	4,071
Wisconsin.....	42,559	21,460	21,099
Milwaukee.....	4,671	2,278	2,393

See footnotes at end of table.

Table 36.—Number of public high school graduates, by sex and State: 1962-63—Con.

Region and State	1962-63		
	Total	Boys	Girls
1	2	3	4
SOUTHEAST	366,370	176,094	190,366
Alabama.....	32,351	15,638	16,713
Arkansas.....	19,109	9,571	9,538
Florida.....	44,168	21,996	22,172
Georgia.....	36,259	17,076	19,183
Kentucky.....	24,093	11,750	12,343
Louisiana.....	28,823	13,569	15,254
New Orleans.....	3,603	1,614	1,989
Mississippi.....	20,841	9,970	10,871
North Carolina.....	48,456	22,823	25,633
South Carolina.....	24,310	11,753	12,557
Tennessee.....	34,407	17,365	17,042
Virginia.....	34,197	15,218	18,979
West Virginia.....	19,356	9,275	10,081
WEST AND SOUTHWEST	436,166	213,994	222,162
Alaska.....	1,565	801	764
Arizona.....	14,392	7,227	7,165
California.....	173,500	87,000	86,500
Los Angeles.....	27,150	13,657	13,493
San Francisco.....	4,329	2,197	2,132
Colorado.....	17,753	8,949	8,804
Hawaii.....	7,730	3,867	3,863
Idaho.....	8,681	4,406	4,275
Montana.....	7,396	3,872	3,514
Nevada.....	2,821	1,438	1,383
New Mexico.....	8,852	4,446	4,406
Oklahoma.....	26,249	13,515	12,734
Oregon.....	20,872	10,527	10,345
Texas.....	87,640	43,636	44,004
Houston.....	5,034	2,516	2,518
Utah.....	11,833	6,044	5,789
Washington ¹	33,141	16,305	16,836
Wyoming.....	3,741	1,961	1,780
Outlying areas			
American Samoa.....	106	70	36
Canal Zone.....	837	402	435
Guam.....	459	248	211
Puerto Rico.....	15,822	6,998	8,829
Virgin Islands.....	180	83	97

¹ Distribution by sex estimated by Office of Education.
² Excludes graduates of vocational schools not operated as part of the regular public school system.
 NOTE.—Data for the large cities (shown directly below their respective States) are already included in the State totals.
 SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education. *Fall 1963 Statistics on Enrollment, Teachers, and Schoolhousing in Full-Time Public Elementary and Secondary Day Schools.*

Table 37.—Number of high school graduates compared with population 17 years of age: United States, 1869-70 to 1962-63

School year	Population 17 years old ²	High school graduates ¹			Number graduated per 100 per- sons 17 years of age
		Total	Boys	Girls	
1	2	3	4	5	6
1869-70.....	815,000	16,000	7,064	8,936	2.0
1879-80.....	946,026	23,634	10,605	13,029	2.5
1889-90.....	1,259,177	43,731	18,549	25,182	3.5
1899-1900.....	1,489,146	94,883	38,075	56,808	6.4
1909-10.....	1,786,240	156,429	63,676	92,753	8.8
1919-20.....	1,855,173	311,266	123,664	187,582	16.8
1929-30.....	2,295,822	666,904	300,376	366,528	29.0
1939-40.....	2,403,074	1,221,475	578,718	642,757	50.8
1941-42.....	2,425,574	1,242,375	576,717	665,658	51.2
1943-44.....	2,410,389	1,019,233	423,971	595,262	42.3
1945-46.....	2,254,738	1,080,083	466,926	613,107	47.9
1947-48.....	2,202,927	1,189,909	562,863	627,046	54.0
1949-50.....	2,034,450	1,199,700	570,700	629,000	59.0
1951-52.....	2,040,800	1,195,500	569,200	627,300	58.6
1953-54.....	2,128,600	1,276,100	612,500	663,600	60.0
1955-56.....	2,270,000	1,414,800	679,500	735,300	62.3
1957-58.....	2,324,000	1,505,900	725,600	780,400	64.8
1959-60.....	2,862,005	1,864,000	898,000	966,000	65.1
1961-62.....	2,768,000	1,929,000	943,000	986,000	69.7
1962-63 ³	2,772,000	1,960,000	960,000	1,000,000	70.7

¹ Includes graduates of public and nonpublic schools.

² Data from the Bureau of the Census.

³ Preliminary data.

NOTE.—Beginning in 1959-60, includes Alaska and Hawaii.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*, chapters on Statistical Summary of Education; and unpublished data available in the Office of Education.

Table 38.—Estimated revenue receipts of public elementary and secondary schools from Federal, State, and local and other sources, by State: 1963-64

State	Revenue receipts		Percentage distribution		
	Amount (in thousands)	Percent	Federal ¹	State	Local and other ²
1	2	3	4	5	6
United States.....	\$20,153,344	100.0	3.5	40.1	56.4
Alabama ³	232,000	100.0	6.0	64.7	29.3
Alaska.....	38,500	100.0	24.1	45.6	27.3
Arizona.....	169,000	100.0	7.7	34.3	58.0
Arkansas.....	130,006	100.0	8.9	46.8	44.3
California.....	2,665,000	100.0	3.4	39.8	56.8
Colorado.....	235,000	100.0	4.7	24.2	71.1
Connecticut.....	323,000	100.0	2.8	35.3	61.9
Delaware ⁴	66,300	100.0	2.7	79.2	18.1
Florida ⁴	503,731	100.0	3.6	55.5	40.9
Georgia.....	320,282	100.0	5.0	66.0	29.0
Hawaii.....	69,500	100.0	10.1	68.3	21.6
Idaho ⁵	61,400	100.0	3.9	32.6	63.5
Illinois.....	1,097,000	100.0	2.9	24.6	72.5
Indiana.....	537,930	100.0	2.8	33.9	63.3
Iowa.....	287,300	100.0	2.0	11.0	87.0
Kansas.....	250,000	100.0	2.8	21.0	76.2
Kentucky.....	205,000	100.0	3.4	55.1	41.5
Louisiana.....	329,850	100.0	2.8	66.9	30.3
Maine.....	90,000	100.0	5.0	31.1	63.9
Maryland.....	343,800	100.0	4.5	34.2	61.3
Massachusetts ⁶	427,000	100.0	4.7	23.9	71.4
Michigan.....	917,000	100.0	2.7	42.8	54.5
Minnesota.....	450,500	100.0	2.6	38.8	58.6
Mississippi.....	159,200	100.0	5.1	57.5	37.4
Missouri.....	369,200	100.0	3.0	34.7	62.3
Montana ⁷	91,750	100.0	4.9	26.4	68.7
Nebraska.....	127,800	100.0	4.5	6.3	89.2
Nevada.....	45,300	100.0	6.2	64.0	29.8
New Hampshire.....	53,740	100.0	4.6	7.3	88.1
New Jersey.....	736,500	100.0	2.2	22.8	75.0
New Mexico.....	118,745	100.0	8.5	80.6	10.9
New York.....	2,320,000	100.0	1.7	44.0	54.3
North Carolina.....	389,000	100.0	3.6	72.0	24.4
North Dakota.....	62,000	100.0	2.2	24.2	72.6
Ohio.....	1,183,750	100.0	2.4	23.7	73.9
Oklahoma.....	216,500	100.0	8.1	28.6	63.3
Oregon.....	252,000	100.0	4.0	32.5	63.5
Pennsylvania.....	1,135,346	100.0	2.8	43.7	53.5
Rhode Island.....	77,800	100.0	4.2	31.5	64.3
South Carolina.....	178,500	100.0	5.9	67.8	26.3
South Dakota.....	69,000	100.0	8.7	11.6	79.7
Tennessee.....	261,000	100.0	4.0	56.5	39.5
Texas ⁷	962,452	100.0	3.2	52.5	44.3
Utah ⁸	130,600	100.0	4.6	51.3	44.1
Vermont.....	36,300	100.0	2.8	24.2	73.0
Virginia.....	350,000	100.0	8.6	41.4	50.0
Washington.....	388,000	100.0	4.6	61.9	33.5
West Virginia.....	137,900	100.0	4.4	51.4	44.2
Wisconsin.....	411,362	100.0	2.7	25.5	71.8
Wyoming.....	46,500	100.0	2.2	41.9	55.9

Footnotes at top of next page.

Footnotes for table 38.

¹ In collecting this information no special effort was made to include the money value of commodities distributed under the School Lunch Program. It is possible that many States have not included such moneys in reporting Federal revenue receipts. ² Includes revenue receipts from local and intermediate sources, and gifts and tuition and fees from patrons. ³ Estimated by NEA Research Division. ⁴ Includes receipts for public junior colleges. ⁵ Federal funds for vocational education and NDEA program have been included as State revenue. ⁶ Includes funds of city and county governments for debt service for school buildings amounting to \$18,000,000. ⁷ Excludes receipts for public junior colleges. ⁸ Original figures for revenue receipts have been adjusted by NEA Research Division to include funds for School Lunch Program not covered by the sale of meals.

Note.—United States totals include amounts for District of Columbia which are not itemized in State listings.

SOURCE: *Estimates of School Statistics, 1963-64*, Copyright © 1963 by the National Education Association, all rights reserved. Used by permission.

Table 39.—Revenue receipts of public elementary and secondary schools from Federal, State, local, and other sources, by State: 1961-62

Region and State	Total revenue receipts		Percentage distribution by source			
	Amount (in thousands)	Percent	Federal	State	Local (including intermediate)	Other ¹
1	2	3	4	5	6	7
United States.....	\$17,527,707	100.0	4.3	33.7	56.5	0.4
NORTH ATLANTIC.....	4,888,191	100.0	3.2	34.4	60.3	.1
Connecticut.....	267,829	100.0	2.9	35.2	61.7	.2
Delaware.....	58,218	100.0	3.7	79.9	16.3	(?)
Maine.....	73,033	100.0	6.7	26.5	66.6	.2
Maryland.....	301,920	100.0	5.1	36.3	57.9	.7
Massachusetts.....	407,154	100.0	4.8	22.9	72.3	0.0
New Hampshire.....	44,840	100.0	6.3	6.9	86.4	.3
New Jersey.....	633,676	100.0	2.4	22.9	74.7	0.0
New York.....	1,976,552	100.0	2.4	41.4	56.1	.1
Pennsylvania.....	971,198	100.0	2.8	43.4	53.6	.2
Rhode Island.....	62,420	100.0	5.9	31.0	63.0	.2
Vermont.....	31,372	100.0	3.8	26.2	69.5	.5
District of Columbia.....	59,961	100.0	14.6	0.0	85.0	.4
GREAT LAKES AND PLAINS.....	5,636,637	100.0	3.3	27.5	68.7	.4
Illinois.....	1,009,617	100.0	2.6	19.8	77.4	.1
Indiana.....	451,378	100.0	2.9	30.7	66.3	.2
Iowa.....	271,701	100.0	3.5	11.3	85.3	0.0
Kansas.....	233,717	100.0	5.6	21.9	72.6	0.0
Michigan.....	834,373	100.0	2.6	41.0	55.9	.5
Minnesota.....	388,220	100.0	3.0	38.4	57.7	1.0
Missouri.....	356,287	100.0	4.4	33.7	61.8	.2
Nebraska.....	121,094	100.0	5.9	5.9	87.6	.6
North Dakota.....	51,480	100.0	6.9	28.0	64.7	.5
Ohio.....	881,830	100.0	3.1	26.7	69.3	.9
South Dakota.....	64,658	100.0	8.3	8.9	81.9	.9
Wisconsin.....	372,183	100.0	3.6	25.0	71.4	.1

See footnotes at end of table.

Table 39.—Revenue receipts of public elementary and secondary schools from Federal, State, local, and other sources, by State: 1961-62—Continued

Region and State	Total revenue receipts		Percentage distribution by source			
	Amount (in thousands)	Percent	Federal	State	Local (including intermediate)	Other ¹
1	2	3	4	5	6	7
SOUTHEAST	2,856,251	100.0	6.8	53.3	33.5	1.1
Alabama.....	199,336	100.0	9.1	60.5	20.7	9.6
Arkansas.....	112,710	100.0	8.2	45.5	46.1	.2
Florida.....	421,414	100.0	5.7	52.2	41.3	.8
Georgia.....	290,475	100.0	7.1	66.3	26.3	.4
Kentucky.....	202,666	100.0	6.7	56.0	37.1	.1
Louisiana.....	303,256	100.0	4.7	66.9	28.4	0.0
Mississippi.....	150,877	100.0	7.3	57.6	34.5	.6
North Carolina.....	352,414	100.0	5.8	70.4	22.9	.9
South Carolina.....	170,892	100.0	8.2	66.5	25.3	(?)
Tennessee.....	211,134	100.0	7.9	56.4	35.3	.4
Virginia.....	297,690	100.0	9.1	40.2	50.1	.6
West Virginia.....	137,386	100.0	4.3	53.5	42.1	.1
WEST AND SOUTHWEST	4,752,728	100.0	5.1	41.3	53.3	.3
Alaska.....	32,214	100.0	27.2	46.8	26.0	0.0
Arizona.....	152,947	100.0	7.7	34.9	57.3	0.0
California.....	2,226,149	100.0	3.6	37.0	59.4	0.0
Colorado.....	205,581	100.0	7.5	21.9	70.5	.1
Hawaii.....	60,830	100.0	14.0	67.5	17.9	.6
Idaho.....	61,084	100.0	7.6	29.6	62.5	.3
Montana.....	74,133	100.0	6.3	27.2	66.6	0.0
Nevada.....	36,888	100.0	7.9	51.3	40.6	.2
New Mexico.....	98,177	100.0	12.4	76.5	11.1	(?)
Oklahoma.....	201,868	100.0	8.3	27.7	63.9	0.0
Oregon.....	213,553	100.0	4.0	28.4	67.3	.3
Texas.....	867,502	100.0	4.5	49.8	44.5	1.2
Utah.....	110,362	100.0	5.5	48.3	46.0	.1
Washington.....	371,155	100.0	5.3	62.4	31.9	.4
Wyoming.....	40,335	100.0	5.3	46.9	46.2	1.6
Outlying areas						
American Samoa ²	886	100.0	98.7	0.0	0.0	1.3
Canal Zone.....	5,668	100.0	100.0	0.0	0.0	0.0
Guam.....	5,668	100.0	33.4	0.0	66.6	0.0
Puerto Rico.....	91,664	100.0	10.0	0.0	89.9	.1

¹ Includes gifts and tuition and fees from patrons.

² Less than 0.05 percent.

³ Incomplete; amount of local funds provided by the villages not included.

NOTE.—Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1961-62*.

Table 40.—Public elementary and secondary school revenue receipts from Federal, State, and local sources: United States, 1919-20 to 1961-62

School year	Total	Federal	State	Local (including inter- mediate) ¹
1	2	3	4	5
AMOUNT IN THOUSANDS OF DOLLARS				
1919-20	\$970,120	\$2,475	\$160,085	\$807,561
1929-30	2,088,557	7,334	353,670	1,727,553
1939-40	2,260,527	39,810	684,354	1,536,363
1941-42	2,416,580	34,305	759,993	1,622,281
1943-44	2,604,322	35,896	859,183	1,709,233
1945-46	3,059,845	41,378	1,062,057	1,956,409
1947-48	4,311,534	120,270	1,676,362	2,514,902
1949-50	5,437,044	155,848	2,165,690	3,115,507
1951-52	6,423,816	227,711	2,478,596	3,717,507
1953-54	7,866,852	355,287	2,944,103	4,567,512
1955-56	9,686,677	441,442	3,828,896	5,416,339
1957-58	12,181,513	486,484	4,800,368	6,894,661
1959-60	14,746,618	651,639	5,768,047	8,326,932
1961-62	17,527,707	780,975	6,789,190	9,977,542
PERCENTAGE DISTRIBUTION				
1919-20	100.0	0.3	16.5	83.2
1929-30	100.0	.4	16.9	82.7
1939-40	100.0	1.8	30.3	68.0
1941-42	100.0	1.4	31.5	67.1
1943-44	100.0	1.4	33.0	65.6
1945-46	100.0	1.4	34.7	63.8
1947-48	100.0	2.8	38.9	58.3
1949-50	100.0	2.9	39.8	57.3
1951-52	100.0	3.5	38.6	57.8
1953-54	100.0	4.5	37.4	58.1
1955-56	100.0	4.6	39.5	55.9
1957-58	100.0	4.0	39.4	56.6
1959-60	100.0	4.4	39.1	56.5
1961-62	100.0	4.3	38.7	56.9

¹ Includes a relatively minor amount from other sources (gifts and tuition and transportation fees from patrons), which accounted for 0.4 percent of total revenue receipts in 1961-62.

NOTE.—Beginning in 1959-60, includes Alaska and Hawaii. Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1961-62*.

Table 41.—Estimated expenditures for public elementary and secondary education, by purpose and State: 1963-64

[In thousands of dollars]

State	Total expenditures	Current expenditures		Capital outlay	Interest on school debt
		Public elementary and secondary day schools	Other programs ¹		
1	2	3	4	5	6
United States.....	\$21,291,199	\$16,894,948	\$413,679	\$3,211,725	\$678,837
Alabama ²	233,380	214,000	380	17,000	2,000
Alaska.....	37,820	32,500	40	3,880	1,400
Arizona.....	195,400	152,000	-----	38,000	5,400
Arkansas.....	151,225	119,106	608	28,533	2,988
California.....	2,899,500	1,987,500	220,000	602,000	90,000
Colorado.....	255,000	197,515	3,800	45,000	8,885
Connecticut.....	323,000	274,000	2,100	36,000	10,500
Delaware ³	61,605	46,000	135	14,000	1,470
District of Columbia ⁴	72,900	65,000	2,400	5,500	-----
Florida.....	530,548	419,256	16,481	83,756	11,055
Georgia.....	341,886	281,886	5,000	45,000	10,000
Hawaii.....	66,500	58,350	1,450	4,500	2,200
Idaho ⁵	60,200	51,300	-----	7,000	1,900
Illinois.....	1,112,650	900,000	2,650	170,000	40,000
Indiana.....	560,000	456,740	11,200	86,300	5,780
Iowa.....	319,550	262,000	2,050	48,000	7,500
Kansas.....	278,000	206,000	8,250	58,500	5,250
Kentucky.....	208,685	182,000	185	13,500	14,000
Louisiana.....	340,550	296,000	350	40,000	14,200
Maine.....	87,630	75,600	180	10,000	1,850
Maryland.....	402,900	316,200	6,000	65,000	15,700
Massachusetts ⁶	484,400	434,000	3,400	47,000	(10)
Michigan.....	1,019,000	770,000	20,000	187,000	42,000
Minnesota.....	461,000	365,000	6,000	70,000	20,000
Mississippi.....	159,100	125,200	7,500	23,000	3,400
Missouri.....	405,000	330,000	4,700	58,000	12,300
Montana ⁷	89,075	73,500	175	12,500	2,900
Nebraska.....	142,700	110,000	1,700	27,000	4,000
Nevada.....	55,600	39,700	200	13,500	2,200
New Hampshire.....	59,772	48,027	155	9,986	1,604
New Jersey.....	776,200	634,000	4,200	108,000	30,000
New Mexico.....	126,125	106,350	375	18,000	1,400
New York.....	2,492,000	1,982,000	15,000	400,000	95,000
North Carolina.....	406,070	344,570	2,500	50,000	9,000
North Dakota.....	71,706	55,855	350	13,500	2,000
Ohio.....	1,131,500	898,000	5,500	187,000	41,000
Oklahoma.....	222,300	186,000	800	31,500	4,000
Oregon.....	253,087	213,387	3,500	32,000	4,200
Pennsylvania.....	1,048,600	963,800	6,800	25,000	53,000
Rhode Island.....	86,250	68,000	250	15,000	3,000
South Carolina.....	178,600	154,000	1,800	18,000	4,800
South Dakota.....	75,955	62,980	70	12,000	925
Tennessee.....	277,400	234,000	1,400	33,000	9,000
Texas.....	1,016,360	825,360	27,000	125,000	39,000
Utah.....	132,100	100,900	1,200	28,000	2,000
Vermont.....	34,575	30,170	55	3,500	850
Virginia.....	377,800	303,800	(10)	65,000	9,000
Washington.....	427,500	335,000	10,500	70,000	12,000
West Virginia.....	145,596	123,816	3,500	16,280	2,000
Wisconsin.....	456,600	351,900	2,000	87,700	15,000
Wyoming.....	49,700	43,700	(10)	4,800	1,900

¹ Includes community services, summer schools, community colleges, and adult education. ² Excludes capital outlay by State and local school building authorities in Indiana, Kentucky, and Pennsylvania. ³ Estimated by NEA Research Division. ⁴ Expenditures for summer schools and adult education are included in column 3. ⁵ Excludes expenditures for junior colleges. ⁶ Adjusted by NEA Research Division to include expenditures for public junior college program. ⁷ Adjusted by NEA Research Division to include cost of administration at the State level, State contributions to teacher retirement fund, and Federal funds for school lunch program. ⁸ Includes interest payments to holding companies. ⁹ Excludes interest. ¹⁰ Data not available. ¹¹ Adjusted by NEA Research Division to include net expenditure for school lunch and milk programs. ¹² Adjusted by NEA Research Division to include State contributions to teacher retirement and social security. ¹³ Includes expenditures for summer schools and adult education only.

SOURCE: *Estimates of School Statistics, 1963-64*, Copyright © 1963 by the National Education Association, all rights reserved. Used by permission.

Table 42.—Summary of expenditures for public elementary and secondary schools, by purpose and by State: 1961-62
 [In thousands of dollars]

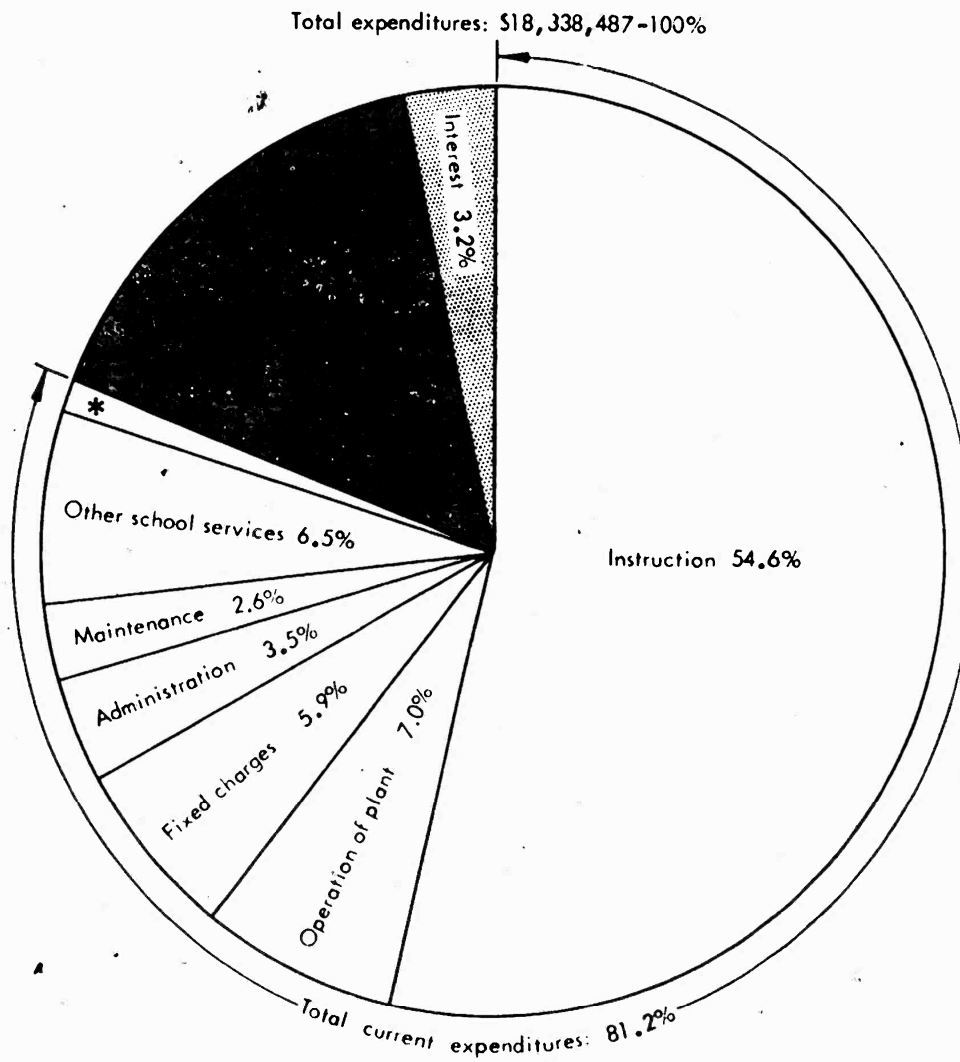
Region and State	Total expenditures, all schools	Current expenditures										Capital outlay	Interest on school debt
		Full-time elementary and secondary day schools											
		Adminis- tration ¹	Instruc- tion	Operation of plant	Mainte- nance of plant	Fixed charges	Other school services ¹	Other programs ¹					
1	2	3	4	5	6	7	8	9	10	11			
United States	818,338,487	86,461,373	816,816,290	81,283,665	8477,346	81,077,278	81,192,667	8194,093	82,862,153	8667,828			
NORTH ATLANTIC	8,069,739	168,519	2,748,295	365,465	131,298	433,317	328,887	68,346	688,006	179,633			
Connecticut	275,926	7,084	190,441	20,003	6,261	17,463	16,351	1,244	26,697	9,842			
Delaware	53,134	2,532	27,024	4,132	1,265	3,265	3,504	121	9,816	2,268			
Maine	75,284	2,872	40,850	6,079	1,902	3,974	7,003	245	11,506	1,456			
Maryland	345,066	6,436	178,096	21,504	9,664	19,811	19,918	4,913	70,664	13,548			
Massachusetts	441,525	13,076	272,912	39,812	12,391	14,544	38,745	2,020	47,995				
New Hampshire	51,283	1,981	25,373	3,521	8,412	2,933	3,353	28	10,090				
New Jersey	702,963	21,890	363,128	49,073	18,407	53,779	39,075	4,490	127,573	1,273			
New York	2,055,891	64,405	1,055,970	132,925	44,011	220,792	118,260	26,766	314,594	24,769			
Pennsylvania	977,728	44,281	528,710	78,212	28,334	96,136	68,978	6,173	178,168	78,168			
Rhode Island	66,000	1,865	36,712	5,550	2,132	4,091	4,464	256	28,512	47,273			
Vermont	32,240	1,578	19,313	2,996	936	2,082	2,567	47	7,876	2,282			
District of Columbia	60,281	990	35,185	5,678	2,780	5,977	2,612	1,003	6,177				
GREAT LAKES AND PLAINS	5,281,963	192,360	2,528,467	439,299	135,469	278,557	328,262	68,694	674,623	158,967			
Illinois	989,521	41,100	564,159	91,450	26,124	69,462	54,086	10,066	136,509	28,008			
Indiana	477,022	9,335	298,710	37,131	12,498	23,511	32,521	2,963	68,907	4,028			
Iowa	287,179	14,565	153,107	23,064	7,104	12,156	21,461	2,731	48,141	6,901			
Kansas	235,378	7,909	129,608	17,296	6,560	8,543	14,702	2,725	28,536	9,117			
Michigan	919,947	20,465	473,414	34,799	21,980	53,217	48,590	16,539	102,645	32,085			
Minnesota	404,969	14,039	208,806	34,799	7,036	20,272	31,363	4,494	67,531	10,672			
Missouri	363,007	12,962	197,066	27,043	10,796	16,539	26,206	2,602	58,486	10,640			
Nebraska	128,250	5,378	70,818	9,472	4,049	2,656	6,736	1,453	19,376	3,304			
North Dakota	69,967	2,376	34,339	6,425	1,104	2,656	4,478	33	15,781	3,804			
Ohio	932,890	37,619	494,175	78,156	24,514	62,474	48,478	3,796	151,464	33,728			
South Dakota	65,453	3,144	37,398	5,185	1,963	3,062	4,470	3,796	9,173	9,969			
Wisconsin	410,865	13,518	208,924	32,122	11,935	18,365	30,813	1,610	92,477	13,011			

	2,943,576	94,703	1,715,577	146,228	73,963	163,151	278,998	31,122	367,984	74,443
SOUTHEAST.										
Alabama.....	200,779	3,726	124,504	7,908	3,648	12,459	27,094	292	20,758	1,700
Arkansas.....	121,436	5,431	62,353	6,766	2,641	10,532	6,912	96	17,223	3,261
Florida.....	436,189	13,249	264,660	23,233	10,973	8,134	23,128	9,493	74,478	10,622
Georgia.....	263,494	8,264	178,579	14,349	7,262	18,286	28,098	4,404	21,999	7,404
Kentucky.....	202,608	6,453	122,627	11,265	4,967	10,091	21,454	1,206	19,890	5,445
Louisiana.....	800,224	8,860	462,617	12,604	7,308	20,908	43,272	3,073	29,009	12,456
Mississippi.....	181,189	4,153	78,335	6,300	2,689	8,902	17,668	6,745	28,264	3,328
North Carolina.....	374,437	8,641	232,430	14,246	9,689	20,806	28,964	1,936	21,047	9,728
South Carolina.....	169,941	6,732	91,677	8,567	4,900	10,102	15,272	1,316	17,213	4,002
Tennessee.....	241,485	7,282	136,469	13,246	4,965	12,356	23,767	9,963	33,325	7,962
Virginia.....	329,001	9,126	194,953	18,993	8,906	14,336	24,161	2,449	39,436	6,809
West Virginia.....	138,615	3,784	79,496	9,043	4,968	9,491	12,640	1,285	24,329	1,806
WEST AND SOUTHWEST	6,023,199	262,791	3,723,911	329,673	137,544	314,243	258,873	65,328	918,636	174,799
Alaska.....	31,964	2,265	18,118	3,429	764	1,192	2,026	9	2,727	1,267
Arizona.....	171,261	8,018	97,303	11,710	4,746	3,879	9,281	9	24,945	4,813
California.....	2,896,124	108,639	1,229,531	189,056	66,923	122,778	102,300	24,498	494,654	90,866
Colorado.....	214,927	7,235	114,725	14,486	5,080	12,680	11,961	3,784	28,179	6,977
Hawaii.....	57,921	2,066	35,498	3,152	2,182	3,010	4,020	1,046	4,899	1,734
Idaho.....	60,777	2,184	34,674	4,967	1,870	1,840	5,764	1,046	8,851	1,647
Montana.....	74,191	4,944	40,281	6,364	2,870	3,286	5,223	1,046	7,659	1,861
Nevada.....	43,872	4,974	22,102	2,937	1,151	1,400	1,792	157	11,862	1,992
New Mexico.....	113,198	3,901	60,920	6,464	2,723	5,963	8,761	304	11,289	1,289
Oklahoma.....	200,436	8,280	116,963	13,576	4,049	9,879	14,999	719	25,423	3,610
Oregon.....	214,268	8,135	127,089	16,946	7,684	11,813	13,572	696	23,340	3,961
Texas.....	694,409	26,331	342,376	48,171	21,744	49,476	69,439	23,475	124,941	37,123
Utah.....	114,406	2,615	57,983	7,024	3,801	5,708	5,371	941	28,770	2,222
Washington.....	363,167	11,155	200,840	27,967	11,628	21,063	20,052	9,707	69,996	13,329
Wyoming.....	48,300	2,053	25,638	3,266	1,296	2,220	3,861	8,707	8,708	1,269
Outlying areas										
American Samoa.....	1,544	49	472	2	194	264	129	21	713	
Canal Zone.....	5,614	106	3,440	340	138	174	10,981	369	1,645	
Guam.....	5,508	100	2,896	255	174	4,696		265	6,682	
Puerto Rico.....	91,345	2,659	52,794	3,563	816			3,781		

* Includes expenditures for administration at all levels.
 † Includes expenditures for administration at all levels, and extracurricular activities.
 ‡ Includes expenditures for administration at all levels, and extracurricular activities, food services, and extracurricular activities.
 § Includes expenditures for administration at all levels, and extracurricular activities, food services, and extracurricular activities, food services, and community colleges. Incomplete for some States.
 ¶ Not included in this table are capital outlays by State and local schoolboosing authorities in three States which amounted to a total of \$124,876,000 (\$2,960,000 in Georgia, \$21,627,000 in Indiana, and \$100,289,000 in Pennsylvania).
 * Excludes data for vocational schools not operated as part of the regular public school system.
 † Includes expenditures for summer schools.
 ‡ Incomplete, excludes expenditures by villages.
 NOTE.— Because of rounding, detail may not add to totals.
 SOURCE: Department of Health, Education, and Welfare, Office of Education, Statistics of State School Systems, 1961-62.



Figure 2.—Percentage distribution of expenditures for public elementary and secondary schools: United States, 1961-62



*Other current expenditures: 1.1 percent.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1961-62*.

Table 43.—Summary of expenditures for public elementary and secondary education, by purpose: United States, 1919-20 to 1961-62

Purpose of expenditure	School year										
	1919-20	1929-30	1939-40	1949-50	1951-52	1953-54	1955-56	1957-58	1959-60	1961-62	
1	2	3	4	5	6	7	8	9	10	11	
AMOUNT IN THOUSANDS OF DOLLARS											
Total expenditures, all schools.....	\$1,026, 151	\$2,316, 790	\$2,344, 049	\$5,837, 643	\$7,344, 237	\$9,092, 449	\$10,565, 047	\$13,669, 163	\$15,613, 255	\$18,330, 030	
Current expenditures, all schools.....	864, 397	1,803, 377	1,965, 166	4,722, 888	5,752, 995	6,883, 387	8,352, 162	10,374, 494	12,461, 955	14,868, 511	
Public elementary and secondary schools.....	861, 120	1,843, 552	1,941, 799	4,687, 274	5,722, 162	6,790, 923	8,251, 420	10,251, 843	12,329, 389	14,694, 418	
Administration.....	36, 752	78, 680	94, 571	220, 060	265, 036	310, 995	372, 956	443, 325	528, 408	648, 372	
Instruction.....	682, 556	1,317, 727	1,408, 285	3,112, 340	3,781, 537	4,552, 349	5,501, 921	6,900, 899	8,350, 738	10,016, 280	
Plant operation.....	115, 707	216, 072	194, 365	427, 587	508, 575	622, 671	752, 739	924, 342	1,065, 086	1,263, 065	
Plant maintenance.....	30, 432	78, 810	73, 321	214, 164	248, 574	284, 371	319, 580	378, 127	422, 886	477, 846	
Fixed charges.....	9, 296	50, 270	50, 116	261, 469	341, 601	446, 252	581, 368	715, 033	909, 323	1,077, 278	
Other school services ¹	36, 387	101, 908	129, 141	431, 663	575, 839	573, 785	772, 851	890, 118	1,033, 297	1,192, 057	
Summer schools.....	(¹)	(¹)	(¹)	(¹)	(¹)	1, 690	2, 853	4, 554	13, 263	21, 226	
Adult education ¹	3, 277	9, 825	13, 367	35, 614	30, 432	42, 033	30, 554	35, 749	26, 868	29, 036	
Community colleges.....	(¹)	(¹)	(¹)	(¹)	(¹)	23, 263	31, 468	40, 492	34, 492	71, 262	
Community services.....	(¹)	(¹)	(¹)	(¹)	(¹)	25, 378	35, 968	40, 865	57, 953	71, 579	
Capital outlay.....	153, 543	370, 878	257, 974	1,014, 176	1,477, 332	2,055, 178	2,387, 187	2,852, 747	2,661, 796	2,862, 153	
Interest.....	18, 212	92, 586	130, 909	100, 578	114, 310	153, 884	215, 990	341, 922	489, 514	579, 866	

See footnotes at end of table.

Table 43.—Summary of expenditures for public elementary and secondary education, by purpose: United States, 1919-20 to 1961-62—Con.

Purpose of expenditure	School year										
	1919-20	1920-30	1930-40	1949-50	1951-52	1953-54	1955-56	1957-58	1959-60	1961-62	
1	2	3	4	5	6	7	8	9	10	11	
PERCENTAGE DISTRIBUTION											
Total expenditures, all schools.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Current expenditures, all schools.....	83.4	80.0	83.4	80.9	78.3	75.7	75.2	73.5	72.9	81.2	
Public elementary and secondary schools.....	83.1	79.6	82.8	80.3	77.9	74.7	75.3	75.6	75.0	80.2	
Administration.....	3.5	3.4	2.9	3.8	3.6	3.4	3.4	3.3	3.4	3.5	
Instruction.....	61.0	59.9	59.9	53.3	51.5	50.1	50.2	50.9	53.5	54.6	
Plant operation.....	11.2	9.3	8.3	7.3	6.9	6.8	6.9	6.8	6.9	7.0	
Plant maintenance.....	2.9	3.4	3.1	3.7	3.4	3.1	2.9	2.9	2.7	2.6	
Fired charges.....	2.9	2.2	2.1	4.5	4.7	4.9	4.9	5.3	5.8	5.9	
Other school services ¹	3.5	4.4	5.5	7.7	7.8	6.3	7.1	6.6	6.6	6.5	
Summer schools.....	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	
Adult education.....	.3	.4	.6	.6	.4	.5	.3	.3	.2	.2	
Community colleges.....	(²)	(²)	(²)	(²)	(²)	.3	.3	.3	.2	.2	
Community services.....	(²)	(²)	(²)	(²)	(²)	.3	.3	.3	.4	.4	
Capital outlay.....	14.8	16.0	11.0	17.4	20.1	22.6	* 21.8	* 21.0	* 17.0	* 13.6	
Interest.....	1.8	4.0	5.6	1.7	1.6	1.7	2.0	2.5	3.1	3.2	

¹ Prior to 1953-54, items included under "other school services" were listed under "auxiliary services", a more comprehensive classification which also included community services.

² Prior to 1953-54, data shown for adult education represent combined expenditures for adult education, summer schools, and community colleges.

* Excludes capital outlay by nonschool agencies.

* Less than 0.05 of 1 percent.

NOTE.—Beginning in 1959-60, includes Alaska and Hawaii. Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States, and Statistics of State School Systems, 1961-62*.

Table 44.—Personal Income, 1963, related to estimated expenditures for public elementary and secondary education, by region and State: 1963-64

Region and State	Personal income			Estimated expenditures for public elementary and secondary education	
	Total (in millions)	Per capita	Per child of school age (5-17)	Total (in thousands) ¹	As a percent of personal income
1	2	3	4	5	6
United States	\$460,590	\$2,443	\$9,605	\$21,201,199	4.60
NORTH ATLANTIC	142,852		11,979	5,930,432	4.15
Connecticut.....	8,480	3,162	13,110	323,600	3.84
Delaware.....	1,547	3,260	12,476	² 61,605	3.98
Maine.....	1,972	2,008	7,386	87,630	4.44
Maryland.....	9,136	2,778	10,889	402,900	4.41
Massachusetts.....	14,870	2,850	12,330	³ 484,400	3.26
New Hampshire.....	1,444	2,303	9,256	59,772	4.14
New Jersey.....	18,760	2,900	12,652	776,200	4.14
New York.....	53,120	3,000	13,253	2,492,000	4.69
Pennsylvania.....	27,923	2,444	10,213	1,045,600	3.76
Rhode Island.....	2,122	2,398	10,663	86,250	4.06
Vermont.....	816	2,092	8,070	34,575	4.24
District of Columbia.....	2,712	3,398	16,638	² 72,900	2.69
GREAT LAKES AND PLAINS	133,415		9,740	6,633,660	4.52
Illinois.....	29,985	2,945	11,800	1,112,650	3.71
Indiana.....	11,619	2,475	9,408	560,000	4.82
Iowa.....	6,322	2,274	8,842	319,550	5.05
Kansas.....	4,965	2,231	8,741	278,000	5.60
Michigan.....	20,520	2,528	9,430	1,019,000	4.97
Minnesota.....	8,162	2,332	8,786	461,000	5.66
Missouri.....	10,853	2,508	10,396	405,000	3.73
Nebraska.....	3,348	2,293	8,976	142,700	4.26
North Dakota.....	1,287	2,080	7,071	71,705	5.57
Ohio.....	25,263	2,483	9,522	1,131,500	4.48
South Dakota.....	1,424	1,932	7,265	75,955	5.33
Wisconsin.....	9,667	2,380	8,901	456,600	4.72
SOUTHEAST	74,362		6,842	3,350,840	4.51
Alabama.....	5,542	1,656	5,946	² 233,390	4.21
Arkansas.....	2,970	1,598	6,175	151,225	5.09
Florida.....	11,933	2,111	8,862	530,548	4.45
Georgia.....	7,720	1,865	6,961	341,886	4.43
Kentucky.....	5,536	1,789	6,793	206,685	3.77
Louisiana.....	6,043	1,768	6,331	340,550	5.64
Mississippi.....	3,158	1,379	4,851	159,100	5.04
North Carolina.....	8,630	1,813	6,593	406,070	4.71
South Carolina.....	3,933	1,584	5,455	178,600	4.54
Tennessee.....	6,560	1,776	6,898	277,400	4.23
Virginia.....	8,948	2,066	8,090	377,800	4.22
West Virginia.....	3,329	1,872	6,766	145,598	4.37
WEST AND SOUTHWEST	110,011		9,593	5,894,267	5.35
Alaska.....	699	2,819	10,754	37,820	5.41
Arizona.....	3,297	2,115	7,906	195,400	5.98
California.....	52,419	2,930	11,632	2,899,500	5.63
Colorado.....	4,678	2,386	9,155	255,000	5.45
Hawaii.....	1,676	2,478	8,868	66,500	3.97
Idaho.....	1,379	1,984	6,930	² 60,200	4.37
Montana.....	1,553	2,239	7,576	² 89,075	5.63
Nevada.....	1,241	3,372	13,944	55,600	4.48
New Mexico.....	1,921	1,877	6,468	126,125	6.57
Oklahoma.....	4,858	1,953	7,977	222,300	4.58
Oregon.....	4,562	2,515	9,184	253,057	5.51
Texas.....	21,118	2,046	7,521	1,016,360	4.81
Utah.....	2,098	2,129	7,217	132,100	6.31
Washington.....	7,589	2,505	9,525	427,500	5.60
Wyoming.....	818	2,427	8,347	49,700	6.08

¹ Includes current expenditures, capital outlay, and interest. ² Estimated by NEA Research Division.
³ Excludes interest.

NOTE.—Detail will not necessarily add to totals because of rounding.

SOURCES: U.S. Department of Commerce, Office of Business Economics, *Survey of Current Business*, April 1964; and *Estimates of School Statistics, 1963-64*, Copyright © 1963 by the National Education Association, all rights reserved. NEA data used by permission.

Table 45.—Estimated expenditure per pupil in average daily attendance in public elementary and secondary day schools, by State: 1963-64

State	Expenditure per pupil		
	Current expenditure	Capital outlay	Interest on school debt
1	2	3	4
United States.....	\$455	\$86	\$18
Alabama ¹	280	22	3
Alaska.....	634	76	27
Arizona.....	455	113	16
Arkansas.....	302	72	8
California ²	530	161	24
Colorado.....	460	105	21
Connecticut.....	552	72	21
Delaware ³	498	152	16
District of Columbia ⁴	517	44	0
Florida.....	388	77	10
Georgia.....	306	49	11
Hawaii.....	402	31	15
Idaho ⁵	316	43	12
Illinois.....	479	91	21
Indiana.....	467	88	6
Iowa.....	456	84	13
Kansas.....	448	127	11
Kentucky.....	300	21	23
Louisiana.....	399	56	20
Maine.....	378	50	9
Maryland.....	489	100	24
Massachusetts.....	475	51	(7)
Michigan.....	452	110	25
Minnesota.....	509	98	28
Mississippi.....	241	44	7
Missouri.....	419	74	16
Montana ⁶	493	84	19
Nebraska.....	385	94	14
Nevada.....	464	158	26
New Hampshire.....	427	89	14
New Jersey.....	568	97	27
New Mexico.....	440	75	6
New York.....	705	142	34
North Carolina.....	320	46	8
North Dakota.....	420	102	15
Ohio.....	446	93	20
Oklahoma.....	351	59	8
Oregon.....	549	82	11
Pennsylvania.....	485	13	27
Rhode Island.....	500	110	22
South Carolina.....	265	31	8
South Dakota.....	403	77	6
Tennessee.....	291	41	11
Texas.....	387	59	18
Utah.....	394	109	8
Vermont.....	387	45	11
Virginia.....	350	75	10
Washington.....	515	108	18
West Virginia.....	300	39	5
Wisconsin.....	498	124	21
Wyoming.....	540	59	15

¹ Excludes capital outlay by State and local school building authorities in Indiana, Kentucky, and Pennsylvania. ² Estimated by NEA Research Division. ³ Average daily attendance used in calculating per pupil expenditures excludes excused absences. ⁴ Adjusted by NEA Research Division to include cost of administration at the State level, State contributions to teacher retirement fund, and Federal funds for school lunch program. ⁵ Adjusted by NEA Research Division to include expenditures for public junior college program. ⁶ Includes interest payments to holding companies. ⁷ Data not available.

SOURCE: *Estimates of School Statistics, 1963-64*, Copyright © 1963 by the National Education Association, all rights reserved. Used by permission.

Table 46.—Average annual expenditure per pupil in average daily attendance in public school systems, by State: 1961-62

Region and State	Expenditure per pupil			
	Total	Current ¹	Capital outlay	Interest
1	2	3	4	5
United States	\$517.97	\$418.50	\$82.52	\$16.95
NORTH ATLANTIC	531.14	423.69	85.13	22.32
Connecticut.....	504.42	493.71	79.41	21.30
Delaware.....	643.91	485.11	119.23	39.57
Maine.....	391.56	323.88	60.04	7.64
Maryland.....	583.19	440.07	121.61	21.51
Massachusetts.....	526.26	468.66	57.60	.....
New Hampshire.....	498.01	387.89	97.75	12.37
New Jersey.....	684.88	535.43	125.13	24.32
New York.....	778.42	628.53	120.68	29.21
Pennsylvania.....	496.84	450.59	20.78	25.49
Rhode Island.....	543.17	462.39	62.63	18.15
Vermont.....	465.90	407.60	47.40	10.90
District of Columbia.....	515.98	462.30	53.68	.....
GREAT LAKES AND PLAINS	545.68	437.95	91.15	16.58
Illinois.....	605.63	504.77	84.41	16.45
Indiana.....	530.95	429.61	96.16	5.18
Iowa.....	505.07	411.06	81.93	12.08
Kansas.....	516.04	410.34	85.48	20.22
Michigan.....	577.32	452.95	103.88	20.49
Minnesota.....	600.01	473.80	101.34	24.87
Missouri.....	485.60	392.69	78.71	14.20
Nebraska.....	448.57	367.05	69.64	11.88
North Dakota.....	537.20	403.04	120.96	13.20
Ohio.....	496.18	397.23	80.93	18.02
South Dakota.....	443.36	375.37	62.11	5.88
Wisconsin.....	616.07	472.47	124.69	19.61
SOUTHEAST	350.61	295.05	46.60	8.96
Alabama.....	372.89	242.29	28.28	2.32
Arkansas.....	314.41	261.34	44.62	8.45
Florida.....	437.67	350.58	76.04	11.05
Georgia.....	322.43	288.81	25.13	8.49
Kentucky.....	343.82	301.44	33.08	9.30
Louisiana.....	451.25	368.28	44.05	18.92
Mississippi.....	288.35	229.44	52.31	6.60
North Carolina.....	360.26	301.08	49.80	9.38
South Carolina.....	285.59	246.31	30.99	8.29
Tennessee.....	311.38	259.08	43.15	9.17
Virginia.....	402.19	320.60	73.20	8.39
West Virginia.....	335.98	291.68	39.89	4.41
WEST AND SOUTHWEST	546.66	421.84	104.89	20.09
Alaska.....	708.07	619.37	60.56	28.14
Arizona.....	582.45	447.28	118.85	16.37
California.....	624.10	457.00	141.24	25.86
Colorado.....	546.25	429.45	96.75	18.05
Hawaii.....	408.97	358.49	33.03	12.45
Idaho.....	387.70	321.30	56.50	9.90
Montana.....	524.68	450.74	53.64	20.30
Nevada.....	656.26	455.22	171.13	29.91
New Mexico.....	533.14	410.81	116.49	5.84
Oklahoma.....	396.56	332.74	56.85	6.97
Oregon.....	584.25	504.18	69.25	10.82
Texas.....	440.87	358.95	63.11	18.81
Utah.....	482.25	350.38	122.42	9.45
Washington.....	601.86	468.34	112.15	21.37
Wyoming.....	630.83	499.94	114.45	16.44
Outlying areas.....	.....	.....	.....	.....
Canal Zone.....	457.48	395.29	62.19	.....
Guam.....	386.88	268.51	120.37	.....
Puerto Rico.....	167.04	154.29	12.75	.....

¹ Excludes expenditures not allocable to pupil costs.
² Excludes expenditures by State and local school building authorities and other nonschool agencies.
³ Estimated by Office of Education.

Source: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1961-62*.

**Table 47.—Expenditure of Federal, State, and local funds for vocational education:
United States and outlying areas, 1919-20 to 1962-63**

[In thousands of dollars]

School year	Total	Federal	State	Local
1	2	3	4	5
1919-20.....				
1920-30.....	\$8,535	\$2,477	\$2,670	\$3,388
1930-40.....	29,909	7,404	8,233	14,272
1941-42.....	55,081	20,004	11,737	23,340
1943-44.....	59,023	20,758	14,045	24,220
1945-46.....	64,299	19,958	15,016	29,325
1947-48.....	72,807	20,628	18,538	33,641
1949-50.....	103,339	26,200	25,834	51,305
1951-52.....	128,717	26,623	40,534	61,561
1953-54.....	146,466	25,863	47,818	72,784
1955-56.....	151,289	25,419	54,550	71,320
1957-58.....	175,886	33,180	61,821	80,884
1959-60.....	209,748	38,733	72,305	98,710
1961-62.....	238,812	45,313	82,466	111,033
1962-63 ¹	283,948	51,438	104,264	128,246
	308,900	54,582	112,685	141,633

¹ Provisional data.

NOTE.—Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Digest of Annual Reports of State Boards for Vocational Education*; and unpublished data.

CHAPTER II

Higher Education

UNIVERSITIES AND COLLEGES exist in every State in the Union and in all the larger and more populous outlying areas. About one-third of the entire group of approximately 2,000 institutions are under the control of State governments or of cities, counties, or other subdivisions of States. About a dozen are controlled by the Federal Government. The remaining two-thirds of the group are controlled by religious sects, organizations within one professional group or another, or self-perpetuating groups of public-spirited persons.

Institutions present the widest range imaginable in type of instruction offered. A typical junior college offers only the first 2 years of training at the college level; a university commonly offers, in addition to a full undergraduate course in liberal arts, graduate work leading to the doctorate as well as courses preparing for entrance into at least two or three of the learned professions. Between these two extremes there are innumerable colleges which reflect local needs and purposes.

The number, the character, and even the location of institutions vary from time to time. As a rule the total number increases somewhat from one year to another to keep pace with the normal increase in the number of persons desiring college training and the number of localities or groups needing higher education facilities.

The accompanying tabulations refer to the situation in higher education at the times the data carried in the several tables were assembled. The fact that they refer to different years and to varying numbers of institutions is primarily a reflection of the fact that a count of institutions correct at one time may be incorrect at another. It is also true that data become available on different phases of higher education at different times.

Most of the data here given refer to the United States and its outlying areas, i.e., the 50 States, the District of Columbia, the Canal Zone, Guam, and Puerto Rico. Since this is not always the case, the coverage of each table is specified, either in the title or in a footnote to the table.

Table 48.—Enrollment in institutions of higher education, by State: Fall 1963 and fall 1964

State	1963	1964 ¹	State	1963	1964 ¹
1	2	3	1	2	3
United States	4,494,626	4,774,000	New Hampshire.....	14,085	15,000
Alabama.....	43,468	48,000	New Jersey.....	108,809	115,000
Alaska.....	4,385	5,000	New Mexico.....	22,664	24,000
Arizona.....	49,651	53,000	New York.....	415,230	442,000
Arkansas.....	32,398	35,000	North Carolina.....	87,854	93,000
California.....	628,572	668,000	North Dakota.....	16,147	17,000
Colorado.....	57,393	61,000	Ohio.....	214,789	228,000
Connecticut.....	63,501	67,000	Oklahoma.....	67,640	72,000
Delaware.....	10,161	11,000	Oregon.....	55,672	59,000
District of Columbia.....	55,956	60,000	Pennsylvania.....	229,502	244,000
Florida.....	108,565	113,000	Rhode Island.....	23,521	25,000
Georgia.....	60,329	64,000	South Carolina.....	35,496	38,000
Hawaii.....	14,399	15,000	South Dakota.....	17,148	18,000
Idaho.....	15,615	16,000	Tennessee.....	76,489	81,000
Illinois.....	242,411	257,000	Texas.....	232,721	247,000
Indiana.....	117,888	125,000	Utah.....	42,571	45,000
Iowa.....	68,169	73,000	Vermont.....	11,061	12,000
Kansas.....	63,290	67,000	Virginia.....	71,179	76,000
Kentucky.....	57,123	61,000	Washington.....	85,027	90,000
Louisiana.....	70,702	75,000	West Virginia.....	35,231	38,000
Maine.....	16,473	17,000	Wisconsin.....	94,964	101,000
Maryland.....	73,018	77,000	Wyoming.....	7,789	8,000
Massachusetts.....	163,257	174,000	U.S. Service Schools.....	15,200	16,000
Michigan.....	195,365	207,000	Outlying areas	33,890	36,000
Minnesota.....	95,888	102,000	American Samoa.....		
Mississippi.....	42,349	45,000	Canal Zone.....	899	1,000
Missouri.....	103,111	110,000	Guam.....	1,070	1,000
Montana.....	16,025	17,000	Puerto Rico.....	31,896	34,000
Nebraska.....	38,686	41,000	Virgin Islands.....	25	(?)
Nevada.....	5,599	6,000			

¹ Estimated on the assumption that enrollment in each State will be distributed in the same proportion as in 1963, and that college attendance rates for 1964 will follow the 1960-60 trend. ² Less than 50.

NOTE.—Includes full-time and part-time resident and extension students taking work creditable toward a bachelor's or higher degree.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Opening (Fall) Enrollment in Higher Education, 1963*, and Office of Education estimates.

Table 49.—Total and first-time enrollment in institutions of higher education, by State:
Fall 1963

State	All students	Students taking work creditable toward a bachelor's or higher degree		Students in undergraduate programs not chiefly creditable toward a bachelor's degree	First-time students taking work creditable toward a bachelor's degree	
		Number	Percent change 1962 to 1963		Number	Percent change 1962 to 1963
1	2	3	4	5	6	7
United States.....	4,765,867	4,494,626	+7.7	271,241	1,046,417	+1.5
Alabama.....	45,718	45,468	-4.6	250	10,883	-5.0
Alaska.....	4,400	4,385	+13.1	15	880	-20.3
Arizona.....	50,375	49,651	+13.5	724	12,688	+13.1
Arkansas.....	32,080	32,398	+4.9	282	8,098	-13.4
California.....	718,480	628,572	+14.0	89,908	156,085	+1.2
Colorado.....	57,885	57,393	+9.0	492	12,853	+6.0
Connecticut.....	65,416	63,501	+7.5	1,915	15,308	+3.8
Delaware.....	10,851	10,161	+13.2	690	2,802	+14.3
District of Columbia.....	58,906	55,956	+9.4	2,950	7,080	+4.4
Florida.....	108,429	106,565	+18.7	1,864	26,121	+8.3
Georgia.....	62,236	60,329	+7.3	1,907	14,347	+2.4
Hawaii.....	14,466	14,399	+10.8	67	3,548	-7.8
Idaho.....	16,565	15,615	+12.2	950	5,378	+10.1
Illinois.....	250,074	242,411	+5.3	7,663	57,292	+1.2
Indiana.....	118,637	117,888	+5.4	749	25,853	-4.0
Iowa.....	68,758	68,190	+5.0	589	18,010	+5.0
Kansas.....	63,871	63,280	+5.7	581	16,574	-1.6
Kentucky.....	57,391	57,123	+7.1	268	14,640	+7.8
Louisiana.....	70,709	70,702	+6.0	7	16,353	+12.0
Maine.....	17,420	16,473	+9.6	47	3,727	-8.2
Maryland.....	75,556	73,018	+12.1	2,538	14,580	+10.5
Massachusetts.....	171,331	163,257	+4.9	8,074	37,775	+1.8
Michigan.....	208,210	198,365	+6.9	12,845	41,112	+4.1
Minnesota.....	96,712	95,888	+7.4	824	24,703	+0.9
Mississippi.....	43,282	42,349	+2.9	933	12,795	-8.4
Missouri.....	104,737	103,111	+6.5	1,626	28,658	+16.9
Montana.....	16,295	16,025	+6.9	270	4,463	+5.2
Nebraska.....	38,971	38,686	+6.3	285	10,394	+5.1
Nevada.....	5,599	5,599	+17.6	7	1,500	+19.5
New Hampshire.....	14,699	14,085	+6.9	614	3,426	-1.8
New Jersey.....	110,449	108,899	+7.4	1,550	21,104	-3.5
New Mexico.....	22,877	22,664	+8.8	213	4,994	+5.1
New York.....	488,263	415,230	+5.1	73,033	68,439	-2.8
North Carolina.....	91,273	87,854	+4.1	3,419	22,833	-2.6
North Dakota.....	17,463	16,147	+0.8	1,316	4,557	-9.2
Ohio.....	220,280	214,789	+6.1	5,491	51,435	+3.7
Oklahoma.....	71,541	67,640	+6.2	3,901	15,531	-8.3
Oregon.....	57,677	55,672	+7.2	2,005	14,569	+1.9
Pennsylvania.....	244,294	229,502	+7.1	14,792	48,709	+5.3
Rhode Island.....	25,090	23,521	+3.6	1,569	5,939	-1.0
South Carolina.....	36,382	35,496	+1.0	886	9,779	+0.8
South Dakota.....	17,230	17,148	+4.5	82	5,086	+0.7
Tennessee.....	76,824	76,490	+5.0	335	18,521	-14.4
Texas.....	237,246	232,721	+7.4	4,525	55,807	+0.4
Utah.....	44,990	42,571	+9.3	2,419	10,357	+0.6
Vermont.....	12,154	11,061	-0.6	1,093	3,334	-4.1
Virginia.....	74,978	71,179	+7.9	3,799	19,760	+9.3
Washington.....	89,101	85,027	+9.7	4,074	21,299	-1.9
West Virginia.....	35,664	35,231	+4.5	433	8,477	-4.3
Wisconsin.....	99,697	94,964	+8.7	4,733	22,669	+7.8
Wyoming.....	8,535	7,789	+1.1	746	2,226	+5.3
U.S. Service Schools.....	15,200	15,200	+6.9	-----	3,207	+14.7
Outlying areas.....	34,465	33,599	+6.8	575	8,729	+8.2
American Samoa.....	-----	-----	-----	-----	-----	-----
Canal Zone.....	924	899	+86.1	25	501	+65.9
Guam.....	1,070	1,070	-14.2	-----	301	-35.7
Puerto Rico.....	32,428	31,896	+6.3	532	7,902	+8.3
Virgin Islands.....	43	25	(1)	18	25	(1)

¹ Virgin Islands not included in 1962 survey. The College of the Virgin Islands opened in 1963.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Opening (Fall) Enrollment in Higher Education, 1963*.

Table 50.—Total enrollment in institutions of higher education, by sex and by type and control of institution: United States and outlying areas, fall 1963

Type and control of institution	All students	Students taking work creditable toward a bachelor's or higher degree			Students in undergraduate programs not chiefly creditable toward a bachelor's degree		
		Both sexes	Men	Women	Both sexes	Men	Women
1	2	3	4	5	6	7	8
All institutions.....	4,800,332	4,528,516	2,789,527	1,738,989	271,816	182,817	88,999
Junior colleges.....	771,637	627,806	388,297	239,509	143,831	90,348	53,483
Technical institutes and semiprofessional schools..	75,935	.....	.....	.....	75,935	55,838	20,097
4-year institutions.....	3,952,760	3,900,710	2,401,230	1,499,480	52,050	36,631	15,419
Universities.....	1,926,480	1,905,931	1,271,181	634,750	20,549	15,762	4,787
Liberal arts colleges.....	1,308,778	1,291,734	702,903	588,831	17,044	10,153	6,891
Independently organized professional schools:							
Teachers colleges.....	439,353	436,944	207,012	229,932	2,409	1,008	1,401
Technological schools.....	141,016	132,756	120,888	11,868	8,260	7,962	298
Theological, religious.....	47,092	46,164	35,601	10,563	928	434	494
Schools of art.....	19,353	19,068	9,134	9,934	285	141	144
Other professional.....	70,688	68,113	54,511	13,602	2,575	1,171	1,404
Public institutions.....	3,090,578	2,879,823	1,748,313	1,124,510	217,755	148,533	69,222
Private institutions.....	1,709,754	1,655,693	1,041,214	614,479	54,061	34,284	19,777

NOTE.—Includes resident and extension students.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Opening (Fall) Enrollment in Higher Education, 1963*.

Table 51.—Enrollment in institutions of higher education, by sex and by control of institution: United States and outlying areas, fall 1948 to fall 1964

Year	Total enrollment	Enrollment by sex		Enrollment by control of institution	
		Men	Women	Public	Private
1	2	3	4	5	6
1948.....	2,408,249	1,712,283	695,966	1,190,441	1,217,808
1949.....	2,456,841	1,728,672	728,169	1,218,580	1,238,261
1950.....	2,296,592	1,599,322	727,270	1,154,456	1,142,136
1951.....	2,116,440	1,396,735	717,705	1,051,990	1,064,450
1952.....	2,148,284	1,387,094	761,190	1,118,700	1,034,584
1953.....	2,250,701	1,432,474	818,227	1,203,558	1,047,143
1954.....	2,468,896	1,575,227	863,369	1,372,937	1,095,659
1955.....	2,678,623	1,747,429	931,194	1,498,510	1,180,113
1956.....	2,946,965	1,927,863	1,019,122	1,681,671	1,265,314
1957.....	3,068,417	2,003,424	1,064,993	1,780,280	1,288,137
1958.....	3,256,556	2,110,426	1,148,130	1,912,232	1,346,324
1959.....	3,402,297	2,173,797	1,228,500	2,002,898	1,399,429
1960.....	3,610,007	2,270,640	1,339,367	2,135,690	1,474,317
1961.....	3,891,230	2,423,967	1,467,243	2,351,719	1,539,511
1962.....	4,206,672	2,603,072	1,603,600	2,596,904	1,699,768
1963.....	4,528,516	2,789,527	1,738,989	2,872,823	1,655,693
1964 ¹	4,810,000	2,980,000	1,830,000	3,064,000	1,726,000

¹ Estimated.

NOTE.—Prior to 1953, includes only resident degree-credit students; in 1953 and subsequent years, includes resident and extension degree-credit students.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, circulars on *Opening (Fall) Enrollment in Higher Education*.

Table 52.—Enrollment in institutions of higher education compared with population aged 18-21: United States, fall 1946 to fall 1963

Year	Population 18-21 years of age ¹	Enrollment	Number enrolled per 100 persons 18-21 years of age	Year	Population 18-21 years of age ¹	Enrollment	Number enrolled per 100 persons 18-21 years of age
1	2	3	4	1	2	3	4
1946	9,403,000	2,078,065	22.1	1956	8,701,000	2,918,212	33.5
1947	9,276,000	2,338,226	25.2	1957	8,844,000	3,036,938	34.3
1948	9,144,000	2,403,306	26.3	1958	8,959,000	3,226,038	36.0
1949	8,990,000	2,444,900	27.2	1959	9,182,000	3,364,861	36.6
1950	8,945,000	2,281,268	25.6	1960	9,546,000	3,582,726	37.5
1951	8,742,000	2,101,962	24.0	1961	10,246,000	3,860,643	37.7
1952	8,542,000	2,134,242	25.0	1962	10,745,000	4,174,936	38.9
1953	8,441,000	2,231,064	26.4	1963	11,129,000	4,494,626	40.4
1954	8,437,000	2,446,693	29.0				
1955	8,508,000	2,653,034	31.2				

¹ These Bureau of the Census estimates are as of July 1 preceding the opening of the academic year. They include Armed Forces overseas.

² Estimated.

NOTE.—Beginning in 1960, data are for 50 States and D.C.; data for earlier years are for 48 States and D.C. Beginning in 1953, enrollment figures include resident and extension degree-credit students; data for earlier years exclude extension students.

SOURCES: U.S. Department of Health, Education, and Welfare, Office of Education, circulars on *Opening (Fall) Enrollment in Higher Education*; and U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-23.

Table 53.—First-time enrollment in institutions of higher education, by sex and by control of institution: United States and outlying areas, fall 1948 to fall 1964

Year	Total	Sex		Control	
		Men	Women	Public	Private
1	2	3	4	5	6
1948	568,768	309,924	198,844	296,712	272,056
1949	557,856	357,265	200,591	301,541	256,315
1950	516,836	319,733	197,103	286,131	230,705
1951	472,026	280,277	191,748	263,430	208,595
1952	536,879	323,673	213,206	308,494	228,385
1953	571,533	344,844	226,689	336,476	235,057
1954	631,122	386,549	244,578	376,571	254,551
1955	675,080	418,363	256,997	404,303	270,757
1956	723,178	446,114	277,064	434,849	288,329
1957	729,725	445,324	284,401	438,816	290,909
1958	781,075	468,625	312,450	479,114	301,961
1959	826,969	490,622	336,347	505,348	321,621
1960	929,825	542,774	387,049	581,800	347,933
1961	1,026,087	595,794	430,293	653,183	372,904
1962	1,038,620	601,993	436,627	674,261	364,359
1963	1,055,146	608,562	446,584	691,813	363,333
1964 ¹	1,265,000	762,000	503,000	838,000	427,000

¹ Estimated.

NOTE.—Prior to 1963, includes only resident degree-credit students; in 1963 and subsequent years, includes resident and extension degree-credit students.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, circulars on *Opening (Fall) Enrollment in Higher Education*.

Table 54.—Resident degree-credit enrollment in institutions of higher education related to total population and to age groups 18-21 and 18-24: United States, 1869-70 to 1961-62

Year	Population ¹				Resident degree-credit enrollment			Ratios			Undergrad-uate resident degree-credit students to 100 of population 18-21	
	Total ²	Ages 18-21 ³	Ages 18-24 ⁴	Total	Undergrad-uate	Graduate	Total resident degree-credit students to 100 of —	Total population	Population 18-21	Population 18-24		
												5	6	7	8	9	10	11
Academic year:												
1869-70.....	30,818,449	3,116,000	4,674,000	52,296	(⁵)	(⁶)	0.13	1,094	1.14	(⁷)	2.00	
1870-71.....	50,155,783	4,233,000	7,092,000	115,817	(⁵)	(⁶)	.23	2,72	1.63	(⁷)	3.91	
1880-80.....	62,947,714	5,190,000	8,820,000	156,756	134,374	2,382	.25	3.04	1.78		4.90	
1890-90.....	75,994,575	6,691,000	10,357,000	237,592	231,761	5,831	.31	4.01	2.26			
1900-10.....	90,492,000	6,994,000	12,300,000	355,213	340,090	9,133	.36	5.12	2.96			
1910-20.....	104,512,000	7,296,000	12,830,000	597,890	562,298	15,612	.57	6.09	4.66			
1920-30.....	121,770,000	8,962,000	15,290,000	1,100,737	1,053,482	47,255	.90	12.42	7.20			
1930-40.....	131,028,000	9,582,000	16,458,000	1,494,208	1,398,458	105,749	1.14	15.59	9.08			
1941-42.....	133,402,000	9,703,000	16,715,000	1,403,960	1,318,547	85,413	1.05	14.47	8.40			
1943-44.....	136,736,000	9,708,000	16,914,000	1,155,272	1,098,041	57,231	.94	11.90	6.83			
1945-46.....	136,928,000	9,557,000	16,790,000	1,676,861	1,555,599	121,252	1.20	17.35	9.99			
1947-48.....	144,126,000	9,276,000	16,419,000	2,616,262	2,441,830	174,432	1.92	24.20	13.93			
1949-50.....	149,188,000	8,990,000	16,120,000	2,659,021	2,421,813	237,208	1.78	29.56	16.50			
1951-52.....	154,283,000	8,742,000	15,709,000	2,301,994	2,098,557	203,437	1.59	25.33	14.65			
1953-54.....	159,556,000	8,441,000	15,221,000	2,514,712	2,287,713	226,999	1.56	29.79	16.52			
First term of academic year:												
November 1963.....	159,556,000	8,441,000	15,221,000	2,199,972	1,976,963	223,009	1.36	26.06	14.45			
November 1965.....	165,276,000	8,508,000	14,966,000	2,597,670	2,347,656	250,014	1.57	30.53	17.36			
First term, 1967-68.....	171,278,000	8,644,000	15,118,000	2,999,565	2,821,919	177,646	1.69	32.79	19.18			
First term, 1969-70.....	177,865,000	9,228,000	15,663,000	3,215,544	2,973,774	241,770	1.81	34.96	20.49			
First term, 1961-62.....	183,742,000	10,246,000	16,954,000	3,726,114	3,528,288	197,826	2.03	36.37	21.96			

¹ Armed Forces overseas are excluded from 1869-70 through 1929-30; they are included in 1930-40 and subsequent years.
² Data are actual census counts as of June 1 from 1870 through 1900; for later years they are estimates by the Bureau of the Census as of July 1 preceding the fall term of each school year.
³ Data for 1869-70 through 1939-40 are estimates by the Office of Education from figures for broad age-groups supplied by the Bureau of the Census; data for later years are estimates by the Bureau of the Census.
⁴ Data not available.
⁵ Distribution by level estimated.
 Source: U.S. Department of Health, Education, and Welfare, Office of Education, Biennial Survey of Education in the United States and comprehensive surveys of Enrollment in Institutions of Higher Education.



Table 55.—Residence and migration of college students taking work creditable toward a bachelor's or higher degree: United States and outlying areas, fall 1963

State	All students enrolled ¹	All student residents ²	Students remaining ³	Migration of students		
				Out of	Into	Net (Col 6—Col 5)
1	2	3	4	5	6	7
United States and outlying areas	4,365,864	4,192,489	3,415,149	777,340	850,715	+73,375
50 States and District of Columbia	4,233,501	4,159,075	3,333,877	775,196	848,624	+73,428
Alabama	65,261	65,083	36,702	9,281	8,559	-722
Alaska	1,663	3,077	1,419	1,658	244	-1,414
Arizona	45,532	41,509	36,647	4,922	8,885	+3,963
Arkansas	31,311	32,498	26,866	5,632	4,445	-1,187
California	569,538	557,507	524,485	33,022	45,053	+12,031
Colorado	49,194	40,614	32,636	7,978	16,558	+8,580
Connecticut	60,251	73,269	45,187	28,082	15,064	-13,018
Delaware	7,198	8,738	4,371	4,367	2,827	-1,540
District of Columbia	48,785	18,024	11,622	6,409	37,163	+30,761
Florida	100,646	109,258	87,211	22,047	13,435	-8,612
Georgia	55,744	54,744	42,803	11,941	12,941	+1,000
Hawaii	14,426	17,476	11,435	6,041	2,991	-3,050
Iaho	14,736	17,478	11,736	5,742	3,000	-2,742
Illinois	284,887	255,183	198,158	57,025	36,229	-20,796
Indiana	116,971	96,610	80,506	16,104	36,465	+20,361
Iowa	66,343	59,735	44,311	15,424	22,032	+6,608
Kansas	62,329	59,290	48,813	10,477	13,516	+3,039
Kentucky	55,873	51,173	41,737	9,436	14,136	+4,700
Louisiana	69,090	66,156	69,090	6,166	9,100	+2,934
Maine	13,088	12,711	8,237	4,474	4,851	+377
Maryland	63,589	73,206	50,324	22,882	13,265	-9,617
Massachusetts	184,854	129,192	101,394	27,798	53,490	+25,692
Michigan	184,422	176,190	157,526	18,664	26,896	+8,232
Minnesota	79,374	76,863	64,271	12,592	15,103	+2,511
Mississippi	40,940	39,476	34,415	5,061	6,526	+1,464
Missouri	91,709	81,344	64,252	17,092	27,457	+10,365
Montana	15,623	17,069	13,160	3,909	2,463	-1,446
Nebraska	28,063	34,251	28,099	6,142	9,964	+3,822
Nevada	5,599	7,158	4,935	2,223	664	-1,559
New Hampshire	13,394	10,249	5,768	4,461	7,596	+3,135
New Jersey	108,453	164,960	93,789	71,171	14,664	-56,507
New Mexico	20,852	20,239	15,540	4,699	5,312	+613
New York	407,108	443,340	351,155	92,185	55,953	-36,232
North Carolina	83,202	68,615	59,486	9,129	23,716	+14,587
North Dakota	15,280	16,292	12,651	3,641	2,629	-1,012
Ohio	207,616	199,397	165,569	33,828	42,047	+8,219
Oklahoma	65,407	61,739	54,710	7,029	10,697	+3,668
Oregon	45,466	42,219	34,569	7,650	10,897	+3,247
Pennsylvania	224,493	223,391	172,527	50,864	51,966	+1,102
Rhode Island	17,800	15,373	10,170	5,203	7,630	+2,427
South Carolina	33,811	31,617	23,868	7,749	9,943	+2,194
South Dakota	16,122	15,813	12,154	3,659	3,968	+309
Tennessee	73,708	62,773	51,580	11,193	22,128	+10,935
Texas	228,090	222,549	205,794	16,755	22,296	+5,541
Utah	40,700	28,666	26,348	2,318	14,352	+12,034
Vermont	11,104	6,245	3,755	2,490	7,349	+4,859
Virginia	62,321	72,521	46,082	26,439	16,239	-10,200
Washington	75,618	73,710	63,676	10,034	11,942	+1,908
West Virginia	33,996	30,999	25,679	5,320	8,317	+2,997
Wisconsin	90,816	84,535	70,394	14,141	20,422	+6,281
Wyoming	7,164	7,991	5,345	2,646	1,819	-827
U.S. Service Schools ⁴	14,451				14,451	+14,451
Outlying areas of the U.S.	32,363	33,414	31,272	2,142	1,091	-1,051

¹ "Students enrolled" are students enrolled in the State (those remaining plus the in-migrants).

² "Student residents" are those with residence in the State, and studying either in or out of the State.

³ "Students remaining" are students studying in their home State.

⁴ The in-migration exceeds the out-migration by the number of students from foreign countries enrolled.

⁵ Enrollments in Service Schools are not included in any State totals in Column 2; they are, however, included in the totals for the 50 States and District of Columbia and the aggregate total. Students enrolled at the Service Schools are included in Column 3 according to their State of residence.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Residence and Migration of College Students, Fall 1963*.

Table 56.—Enrollment in institutions of higher education, by sex, type of enrollment, and control of institution: United States and outlying areas, fall 1963

Type of enrollment and control of institution 1	Number of students		
	Total 2	Men 3	Women 4
All institutions:			
All resident and extension students.....	4,814,933	2,979,206	1,835,727
Students taking work chiefly creditable toward a bachelor's or higher degree.....	4,543,117	2,796,899	1,746,218
Resident students.....	4,266,455	2,639,290	1,627,165
Undergraduate and first-professional students.....	3,787,683	2,304,780	1,482,903
Undergraduate students.....	3,636,441	2,172,561	1,463,880
Full-time.....	2,765,683	1,649,567	1,116,116
Part-time.....	870,758	522,994	347,764
First-professional students ¹	151,242	132,219	19,023
Graduate students.....	478,772	334,510	144,262
Extension students.....	276,662	157,099	119,563
Students in occupational or general studies programs not chiefly creditable toward a bachelor's degree.....	271,816	182,817	88,999
Resident students.....	209,886	139,118	70,768
Extension students.....	61,930	43,699	18,231
Publicly controlled institutions:			
All resident and extension students.....	3,105,968	1,905,858	1,200,110
Students taking work chiefly creditable toward a bachelor's or higher degree.....	2,888,213	1,757,325	1,130,888
Resident students.....	2,656,076	1,628,065	1,027,991
Undergraduate and first-professional students.....	2,377,272	1,438,053	939,219
Undergraduate students.....	2,320,496	1,388,756	931,740
Full-time.....	1,760,441	1,058,335	702,106
Part-time.....	560,055	330,421	229,634
First-professional students ¹	56,776	49,297	7,479
Graduate students.....	278,804	190,032	88,772
Extension students.....	232,137	129,240	102,897
Students in occupational or general studies programs not chiefly creditable toward a bachelor's degree.....	217,755	148,533	69,222
Resident students.....	164,496	109,233	55,263
Extension students.....	53,259	39,300	13,959
Privately controlled institutions:			
All resident and extension students.....	1,708,965	1,073,348	635,617
Students taking work chiefly creditable toward a bachelor's or higher degree.....	1,654,904	1,039,064	615,840
Resident students.....	1,610,379	1,011,205	599,174
Undergraduate and first-professional students.....	1,410,411	865,727	543,684
Undergraduate students.....	1,315,945	783,806	532,140
Full-time.....	1,006,242	591,232	414,010
Part-time.....	310,703	192,573	118,130
First-professional students ¹	94,466	82,922	11,544
Graduate students.....	199,968	144,478	55,490
Extension students.....	44,525	27,859	16,666
Students in occupational or general studies programs not chiefly creditable toward a bachelor's degree.....	54,061	34,284	19,777
Resident students.....	45,390	29,885	15,505
Extension students.....	8,671	4,399	4,272

¹ Includes only first-professional students with preprofessional training.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Resident and Extension Enrollment in Institutions of Higher Education, Fall 1963*; and *Opening (Fall) Enrollment in Institutions of Higher Education, 1963*.

Table 57.—Number of students taking work creditable toward a bachelor's or higher degree, by sex, type of enrollment, and control of institution: United States and outlying areas, first semester or quarter, 1961-62

Type of enrollment and control of institution	Number of institutions reporting enrollment	Number of students		
		Total	Men	Women
1	2	3	4	5
All institutions:				
Total.....	1,985	4,064,025	2,521,757	1,542,268
Resident and extension students.....	1,985	3,980,198	2,472,928	1,516,270
Resident students.....	1,984	3,752,448	2,351,060	1,401,388
Full-time.....	1,977	2,710,965	1,701,474	1,009,491
Part-time.....	1,675	1,041,483	649,586	391,897
Undergraduate and first-professional students.....	1,976	3,354,541	2,068,043	1,286,498
Full-time.....	1,970	2,554,195	1,579,004	973,191
Part-time.....	1,672	800,346	489,039	311,307
Graduate students and students beyond the first-professional degree.....	657	397,907	283,017	114,890
Full-time.....	557	156,770	122,470	34,300
Part-time.....	566	241,137	160,547	80,590
Extension students.....	337	236,750	121,868	114,882
Students taking work by mail.....	123	89,270	46,893	42,377
Students taking work by TV or radio.....	130	5,557	1,936	3,621
Publicly controlled institutions:				
Total.....	707	2,531,105	1,540,486	990,619
Resident and extension students.....	707	2,443,599	1,495,121	948,478
Resident students.....	706	2,233,189	1,384,904	848,285
Full-time.....	704	1,642,194	1,030,971	611,223
Part-time.....	627	590,995	353,933	237,062
Undergraduate and first-professional students.....	706	2,018,861	1,231,783	782,078
Full-time.....	704	1,544,880	954,545	590,335
Part-time.....	627	468,981	277,238	191,743
Graduate students and students beyond the first-professional degree.....	266	219,328	153,121	66,207
Full-time.....	225	97,314	76,426	20,888
Part-time.....	250	122,014	76,695	45,319
Extension students.....	222	210,410	110,217	100,193
Students taking work by mail.....	96	83,046	43,772	39,274
Students taking work by TV or radio.....	69	4,460	1,593	2,867
Privately controlled institutions:				
Total.....	1,278	1,552,920	981,271	571,649
Resident and extension students.....	1,278	1,545,599	977,807	567,792
Resident students.....	1,278	1,519,259	966,156	553,103
Full-time.....	1,273	1,068,771	670,503	398,268
Part-time.....	1,048	450,488	295,653	154,835
Undergraduate and first-professional students.....	1,270	1,340,680	836,260	504,420
Full-time.....	1,266	1,009,315	624,459	384,856
Part-time.....	1,045	331,365	211,801	119,564
Graduate students and students beyond the first-professional degree.....	391	178,579	129,896	48,683
Full-time.....	332	59,456	46,044	13,412
Part-time.....	316	119,123	83,852	35,271
Extension students.....	115	26,340	11,651	14,689
Students taking work by mail.....	27	6,224	3,121	3,103
Students taking work by TV or radio.....	61	1,097	343	754

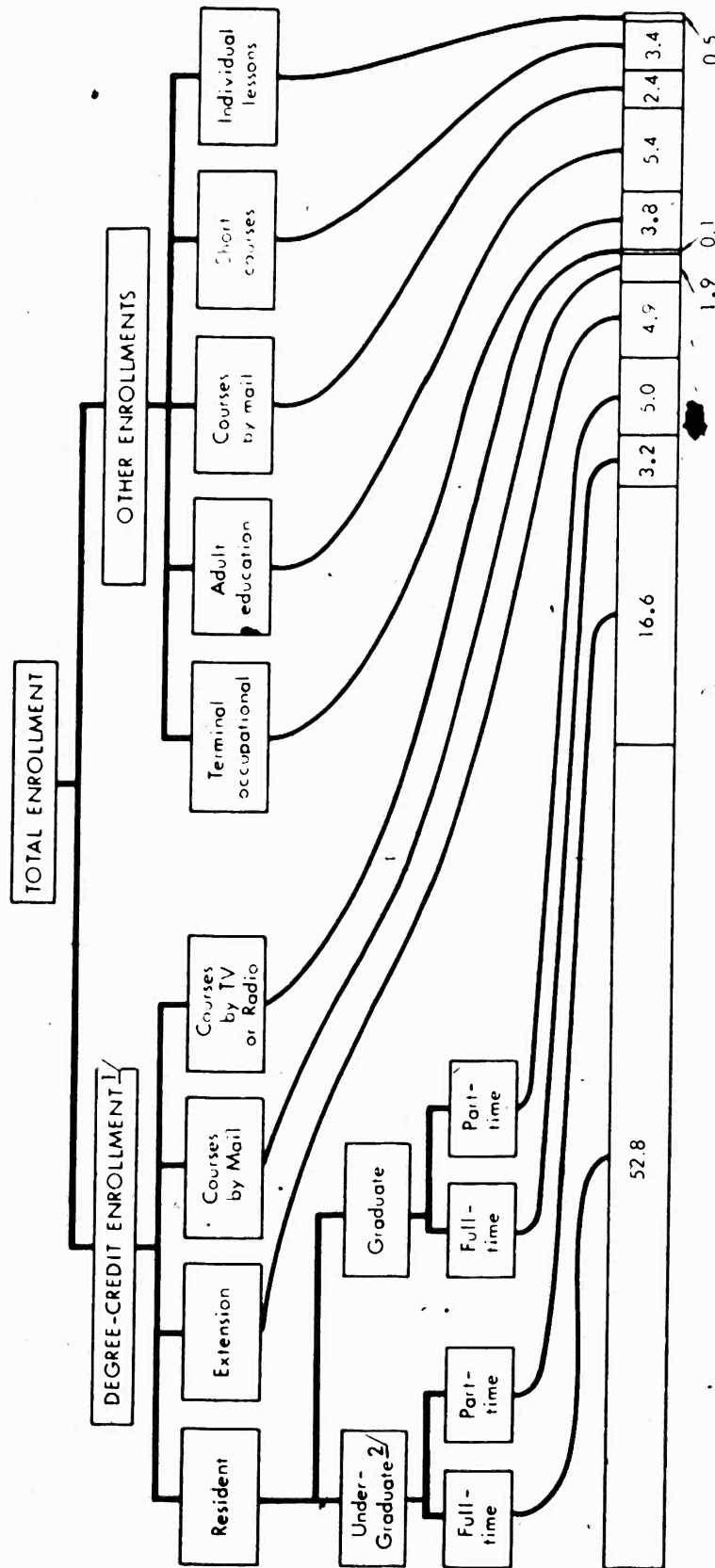
SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Comprehensive Report on Enrollment in Higher Education, First Term 1961-62*.

Table 58.—Number of students taking work not creditable toward a bachelor's or higher degree, by sex, type of enrollment, and control of institution: United States and outlying areas, first semester or quarter, 1961-62

Type of enrollment and control of institution	Number of institutions reporting enrollment	Number of students		
		Total	Men	Women
1	2	3	4	5
All institutions				
Total	634	542,899	348,637	214,263
Resident and extension students	612	446,555	298,461	188,094
Resident students	582	367,860	212,841	155,019
Terminal-occupational education	402	172,120	116,328	55,792
Adult education	335	195,740	96,513	99,227
Extension students	79	78,695	45,620	33,075
Terminal-occupational education	29	14,872	12,191	2,681
Adult education	58	63,823	33,429	30,394
Students taking work by mail	40	116,335	90,176	26,159
Publicly controlled institutions				
Total	363	349,637	264,347	145,499
Resident and extension students	354	336,484	195,760	140,724
Resident students	339	269,379	155,896	113,493
Terminal-occupational education	265	126,795	85,975	40,820
Adult education	198	142,584	69,911	72,673
Extension students	52	67,105	39,874	27,231
Terminal-occupational education	22	14,184	11,748	2,406
Adult education	36	52,921	28,126	24,825
Students taking work by mail	31	12,353	8,587	4,766
Privately controlled institutions				
Total	266	213,663	144,290	68,763
Resident and extension students	258	110,071	62,701	47,370
Resident students	243	96,461	56,965	41,526
Terminal-occupational education	137	45,325	30,353	14,972
Adult education	137	53,136	26,602	26,534
Extension students	27	11,590	5,746	5,844
Terminal-occupational education	7	718	443	275
Adult education	22	10,872	5,303	5,569
Students taking work by mail	18	102,982	81,589	21,393

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Comprehensive Report on Enrollment in Higher Education, First Term 1961-62*.

Figure 3.—Classification and percentage distribution, enrollment in institutions of higher education, by type and level: United States and outlying areas, first term 1961-62



1 Students enrolled in work wholly or principally creditable toward a bachelor's or higher degree.
 2 Includes students enrolled for first-professional degree.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Comprehensive Report on Enrollments in Higher Education, First Term 1961-62*.

Table 59.—Junior-year students majoring in science, mathematics, and foreign languages in institutions of higher education, by sex, field of study, and control of institution: United States and outlying areas, fall 1962

Field of study	Total enrollment	Enrollment by sex		Enrollment by control of institution	
		Men	Women	Public	Private
1	2	3	4	5	6
All fields.....	523,694	317,045	206,649	309,173	214,521
Science and mathematics.....	76,350	58,067	18,263	42,018	34,332
Biological sciences.....	30,977	23,074	7,903	16,627	14,350
Premedical, pre dental, and pre-veterinary sciences.....	9,006	8,742	864	5,591	4,015
Biology, general.....	18,461	10,222	5,239	6,630	8,631
Botany, general.....	552	368	184	372	180
Zoology, general.....	3,514	2,561	953	2,009	905
Bacteriology, virology, mycology, and parasitology.....	797	372	425	699	98
Biological sciences, all other.....	1,047	809	238	726	321
Mathematical subjects.....	20,706	14,238	6,468	12,193	8,513
Mathematics.....	20,430	14,000	6,430	11,980	8,450
Statistics.....	276	238	38	213	63
Physical sciences.....	21,621	18,625	2,996	10,878	10,743
Physical sciences, general.....	1,047	922	125	657	390
Chemistry.....	12,006	9,640	2,366	5,627	6,379
Physics.....	6,674	6,340	334	3,305	3,369
Geology.....	1,320	1,206	114	550	470
Physical sciences, all other.....	574	517	57	439	135
Sciences, general program.....	3,046	2,150	896	2,320	726
Foreign languages and literature.....	12,598	3,761	8,837	5,661	6,737
French.....	4,874	946	3,928	2,128	2,746
German.....	1,428	642	786	672	756
Russian.....	468	212	256	238	230
Spanish.....	3,841	1,015	2,826	2,099	1,742
Foreign languages and literature, all other.....	1,987	946	1,041	724	1,263
Teaching of English as a foreign language.....	23	5	18		23

Source: U.S. Department of Health, Education, and Welfare, Office of Education, *Junior-Year Science, Mathematics, and Foreign Language Students, First-Term 1962-63*.

Table 60.—Enrollment for advanced degrees in institutions of higher education, by field of study: United States and outlying areas, fall 1962 and fall 1963

Field of study	Fall 1962	Fall 1963
1	2	3
All fields	373,845	413,366
Agriculture.....	4,282	4,463
Architecture.....	836	732
Biological sciences.....	17,768	20,639
Business and commerce.....	28,750	32,715
Education.....	114,641	123,241
Engineering.....	43,850	48,917
English and journalism.....	16,873	19,379
Fine and applied arts.....	11,513	13,152
Foreign languages and literature.....	8,678	10,203
Forestry.....	713	702
Geography.....	1,281	1,414
Health professions.....	6,586	7,322
Home economics.....	1,587	1,835
Law.....	2,124	2,241
Library science.....	1,856	2,170
Mathematical subjects.....	14,121	15,974
Philosophy.....	2,684	3,050
Physical sciences.....	28,591	30,959
Psychology.....	11,344	12,627
Religion.....	5,447	5,778
Social sciences.....	45,121	50,601
Broad general curriculums and miscellaneous fields.....	5,199	5,252

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, surveys of Enrollment for Advanced Degrees.

Table 61.—Engineering enrollment in institutions of higher education, by level: United States and outlying areas, fall 1949 to fall 1963

Fall	Total engineering enrollment	Level of enrollment, for—		
		First engineering degree	Master's degree ¹	Doctor's degree
1	2	3	4	5
1949.....	219,712	201,927	15,242	2,543
1950.....	180,262	161,592	15,869	2,801
1951.....	165,637	145,997	16,765	2,875
1952.....	176,549	156,060	17,539	2,930
1953.....	193,333	171,725	18,607	3,001
1954.....	214,414	193,692	17,441	3,281
1955.....	243,390	221,448	18,779	3,163
1956.....	277,052	251,121	22,529	3,402
1957.....	297,077	268,761	24,136	4,180
1958.....	289,680	256,779	28,138	4,763
1959.....	278,348	242,992	29,713	5,643
1960.....	271,850	234,190	31,215	6,445
1961.....	272,777	232,104	32,804	7,869
1962.....	275,329	230,730	35,359	9,240
1963.....	281,452	232,001	38,457	10,994

¹ Also includes enrollment for other postgraduate predoctoral degrees.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Advance Report on Engineering Degrees (1959-63) and Enrollments (Fall 1963)*.

Table 62.—Enrollment in junior colleges,¹ by type of control: United States, 1917-18 to 1961-62

Academic year	All junior colleges		Publicly controlled		Privately controlled	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1	2	3	4	5	6	7
1917-18.....	46	4,504	14	1,367	32	3,137
1919-20.....	52	8,102	10	2,040	42	6,062
1921-22.....	80	12,124	17	4,771	63	7,353
1923-24.....	182	20,559	39	9,240	98	11,319
1925-26.....	153	27,096	47	13,859	106	13,236
1927-28.....	248	44,855	114	28,437	134	16,418
1929-30.....	277	55,616	129	36,801	148	18,815
1931-32.....	342	85,063	169	58,887	183	26,176
1933-34.....	322	78,480	152	55,869	170	22,611
1935-36.....	418	102,453	187	70,557	228	31,896
1937-38.....	453	121,510	209	82,041	244	39,469
1939-40.....	456	149,854	217	107,553	239	42,301
1941-42.....	461	141,272	231	100,783	230	40,489
1943-44.....	413	89,208	210	60,894	203	28,314
1945-46.....	464	156,456	242	109,640	222	46,816
1947-48.....	472	240,128	242	178,196	230	61,932
1949-50.....	506	243,839	279	188,794	227	55,045
1951-52.....	506	231,175	291	184,054	215	47,121
1953-54.....	518	325,804	293	272,036	225	53,768
November 1955.....	469	295,553	276	249,928	193	45,625
First term, 1957-58.....	490	349,385	283	297,680	207	51,705
First term, 1959-60.....	509	403,524	310	348,538	199	54,986
First term, 1961-62.....	524	533,849	329	471,526	196	62,323

¹ Includes 2-year normal schools in 1949-50 and subsequent years.

NOTE.—Includes full-time and part-time resident students taking work creditable toward a bachelor's degree. Beginning in 1959-60, data are for 50 States and District of Columbia.

SOURCE: U. S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*, and comprehensive surveys of Enrollment in Institutions of Higher Education.

Table 63.—Number of graduates, 1961–62, and enrollment, fall 1962, in organized occupational curricula in institutions of higher education, by curriculum: United States and outlying areas

Organized occupational curriculum	Number of graduates, 1961–62	Enrollment 1962
1	2	3
All curricula ¹	53, 272	274, 725
ENGINEERING-RELATED.....	14, 977	92, 255
Aeronautical.....	967	3, 163
Architectural and civil.....	1, 772	12, 699
Chemical technology.....	325	2, 187
Electrical.....	6, 132	37, 382
General engineering technology.....	727	5, 894
Industrial.....	484	3, 253
Mechanical.....	3, 752	22, 122
Metallurgical technology.....	102	712
Miscellaneous.....	175	852
Other.....	541	3, 991
NONENGINEERING-RELATED.....	38, 296	182, 470
Agriculture and forestry.....	1, 480	6, 346
Applied and graphic arts.....	2, 083	11, 778
Business and commerce.....	21, 948	117, 805
Education.....	4, 804	12, 040
Health service.....	5, 719	18, 104
Home economics.....	533	2, 900
Miscellaneous.....	1, 234	11, 940
Other.....	494	1, 557

¹ Excludes curricula below technician or semiprofessional level.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, prepublication data from *Survey of Organized Occupational Curricula, 1962*.

Table 64.—Number of graduates by sex, 1961–62, and full-time and part-time enrollment, fall 1962, in organized occupational curricula in institutions of higher education: United States and outlying areas

Organized occupational curricula	Graduates			Enrollment		
	Total	Men	Women	Total	Full-time	Part-time
1	2	3	4	5	6	7
All curricula ¹	53, 272	28, 397	24, 875	274, 725	169, 589	105, 136
Engineering-related.....	14, 977	14, 855	122	92, 255	51, 886	40, 369
Nonengineering-related.....	38, 296	13, 542	24, 853	182, 470	117, 703	64, 767
2- or 3-year curricula.....	43, 405	24, 666	18, 739	247, 884	153, 471	94, 413
Engineering-related.....	12, 816	12, 702	114	85, 815	48, 718	37, 097
Nonengineering-related.....	30, 589	11, 964	18, 625	162, 069	104, 753	57, 316
1-year curriculum.....	9, 867	3, 641	6, 226	26, 841	16, 118	10, 723
Engineering-related.....	2, 161	2, 153	8	6, 440	3, 168	3, 272
Nonengineering-related.....	7, 706	1, 488	6, 218	20, 401	12, 950	7, 451
4-year institutions.....	16, 621	9, 172	7, 449	72, 149	43, 593	28, 556
Engineering-related.....	5, 002	4, 981	21	26, 515	14, 674	11, 841
Nonengineering-related.....	11, 619	4, 191	7, 428	45, 634	28, 919	16, 715
2-year institutions.....	26, 651	19, 135	17, 516	202, 576	125, 996	76, 580
Engineering-related.....	9, 975	9, 874	101	65, 740	37, 212	28, 528
Nonengineering-related.....	26, 676	9, 261	17, 415	136, 836	88, 784	48, 052

¹ Excludes curricula below technician or semiprofessional level.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, prepublication data from *Survey of Organized Occupational Curricula, 1962*.

Table 65.—Faculty, students, and degrees conferred, institutions of higher education attended predominantly by Negro students: United States, 1961-62

Item	Institutions attended predominantly by Negro students											All higher education	Negro education (col. 11) as percent of all higher education (col. 12)
	Universities		Liberal arts colleges		Teachers colleges		Theological schools	Other professional schools	Junior colleges		Total		
	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled			Publicly controlled	Privately controlled			
1	2	3	4	5	6	7	8	9	10	11	12	13	
Number of institutions	1	1	21	45	18	4	1	1	5	106	2,037	6.2	
Faculty, different persons	273	1,114	3,447	2,763	904	94	195	259	190	9,310	424,962	2.2	
Men	153	643	2,129	1,672	545	61	155	199	79	5,806	332,004	1.7	
Women	120	271	1,318	1,111	419	23	31	120	81	3,504	92,958	3.8	
Resident degree-credit enrollment	2,808	5,664	43,052	28,862	13,112	763	367	2,994	1,563	96,147	3,728,114	2.7	
Men	1,302	2,722	20,702	11,990	4,610	421	229	1,227	755	44,949	2,337,345	1.9	
Women	1,506	1,941	22,350	17,012	8,502	344	58	1,667	808	54,198	1,390,769	3.9	
Undergraduate and first professional enrollment	2,623	5,234	41,118	28,006	13,112	737	367	2,994	1,563	96,794	3,328,266	2.9	
Men	1,241	2,434	19,938	11,530	4,610	413	229	1,227	755	43,477	2,054,392	2.1	
Women	1,382	1,800	21,180	16,506	8,502	344	58	1,667	808	52,317	1,273,866	4.1	
First time in any college	619	1,407	14,018	9,132	3,908	338	4	1,655	946	31,927	940,794	3.3	
Men	285	681	6,681	3,710	1,441	155	4	715	432	14,350	568,606	2.6	
Women	334	476	7,337	5,422	2,467	183	4	940	514	17,577	412,178	4.3	
Graduate enrollment	195	480	1,924	706	8	8				3,353	367,526	8	
Men	61	289	764	350		8				1,472	262,903	5	
Women	124	141	1,170	446						1,881	114,623	1.6	
Extension degree-credit enrollment	350		1,335	26	26					1,747	232,468	8	
Men	57		392	7	4					450	120,073	4	
Women	293		943	19	32					1,297	112,395	1.2	
Enrollment in adult education			122		141			205	11	479	259,228	2	
Men			79		27			78	7	198	129,794	2	
Women			43		106			127	4	281	129,434	2	

	40	615	20	260	226	34	1,137	146,453	6
Enrollment in terminal-occupational education:									
Men.....	40	525	15	73	81	22	756	126,363	6
Women.....		90	5	137	147	12	261	58,120	7
Enrollments in courses by mail, radio, or TV (degree-credit).....									
Short course enrollments.....		126	26	13			169	94,770	2
Enrollments for individual lessons only.....		350	1	7	12		350	102,306	2
Earned degrees conferred:									
Bachelor's and first professional.....	437	4,790	4,429	2,152	46		12,563	417,846	3.0
Men.....	153	2,166	1,703	664	43		5,209	200,531	2.0
Women.....	245	2,601	2,726	1,488	3		7,204	157,315	4.6
Master's, except first professional.....	153	737	234	66			1,267	84,855	1.5
Men.....	63	266	115	37			563	58,696	.9
Women.....	90	439	119	29			704	26,160	2.7

Source: U.S. Department of Health, Education, and Welfare, Office of Education, *Earned Degrees Conferred, 1961-62*; *Comprehensive Report on Enrollment in Higher Education, First Term, 1961-62*; and *Faculty and Other Professional Staff in Institutions of Higher Education, First Term, 1961-62*.

1 Includes community colleges, technical institutes, normal schools, and other higher educational institutions restricted to less than 4 years of work on the undergraduate or terminal-occupational level.
 2 All publicly controlled.
 3 All privately controlled.

Note.—Data on faculty and students are for the first term of the academic year. Data on earned degrees are for the 12-month period ending June 30, 1962.

Table 66.—Faculty for resident instruction in degree-credit courses in institutions of higher education: United States and outlying areas, 1949-50 to 1963-64

Year	Total	Instructor or above			Junior instructional staff
		Total	Full-time	Part-time	
1	2	3	4	5	6
1949-50 (academic year).....	191,396	(1)	(1)	(1)	(1)
1951-52 (academic year).....	184,826	(1)	(1)	(1)	(1)
November 1953.....	208,547	182,028	(1)	(1)	26,519
November 1955.....	227,929	197,791	(1)	(1)	30,138
First term of the academic year:					
1957-58.....	260,496	226,536	154,602	71,934	33,950
1959-60.....	283,060	244,461	163,656	80,805	38,619
1961-62.....	312,697	266,624	178,632	87,992	46,063
1963-64 ²	351,500	298,850	200,250	96,600	52,650

¹ Data not available.

² Estimated by Office of Education.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*; and circulars on *Faculty and Other Professional Staff in Institutions of Higher Education*.

Table 67.—Faculty and other professional staff in institutions of higher education, by type of position: United States and outlying areas, first term 1959-60 and 1961-62

Type of position	Number of positions		Percentage change, 1960-60 to 1961-62
	1959-60	1961-62	
1	2	3	4
All types ¹	431,720	475,816	10.2
Professional staff for general administration.....	19,063	20,686	8.5
Professional staff for student personnel services.....	15,299	16,722	9.3
Faculty for resident instruction in degree-credit courses.....	283,080	312,687	10.5
Instructor or above.....	244,461	266,624	9.1
Full-time.....	163,656	178,632	9.2
Part-time.....	80,805	87,992	8.9
Full-time equivalent of part-time ²	25,600	29,645	15.8
Junior instructional staff.....	38,619	46,063	19.3
Faculty for resident instruction in other than degree-credit courses.....	14,135	13,632	-3.6
Extension staff.....	31,459	31,409	-.1
Giving courses.....	15,348	15,236	-.7
Other extension staff.....	16,091	16,173	.5
Other faculty, including instructional staff for courses by mail, radio or TV, short courses, and individual lessons.....	11,877	11,771	-.9
Professional library staff.....	9,939	11,025	10.9
Professional staff for organized research.....	37,099	50,068	34.9
Instructional staff for elementary or secondary instruction.....	9,789	7,820	-20.1

¹ The sum of the number of persons in all types of positions exceeds the number of different persons because some professional staff serve in more than one capacity. "Total number of positions" represents the sum in all types of positions as classified in the survey questionnaires.

² Rounded.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, circulars on *Faculty and Other Professional Staff in Institutions of Higher Education*.

Table 68.—Faculty and other professional staff in institutions of higher education, by sex, and by control and level of institution: United States and outlying areas, first term 1959-60 and 1961-62

Item	Number of different persons		Percentage increase, 1959-60 to 1961-62
	1959-60	1961-62	
1	2	3	4
Total	382,644	427,833	11.8
By sex:			
Men.....	297,974	333,830	12.0
Women.....	84,690	94,003	11.0
By control of institution:			
Public.....	209,643	235,851	12.5
Private.....	173,021	191,982	11.0
By level of institution:			
4-year institutions.....	347,872	389,584	12.0
Junior colleges.....	34,792	38,249	9.9

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, circulars on *Faculty and Other Professional Staff in Institutions of Higher Education*.

Table 69.—Mean annual salaries of full-time faculty members in institutions of higher education, by portion of year employed, academic rank, control, and type of institution: United States, 1963-64

Type and control of institution	11-12 months		9-10 months				
	President	Dean (academic)	Professor	Associate professor	Assistant professor	Instructor	All 4 faculty ranks
1	2	3	4	5	6	7	8
4-year institutions: ¹							
Public.....	\$19,627	\$15,772	\$11,724	\$9,096	\$7,641	\$6,270	\$8,672
Private.....	17,401	13,029	11,302	8,444	7,074	5,903	8,229
University undergraduate:							
Public.....	25,679	17,542	12,543	9,460	7,842	6,227	9,183
Private.....	30,894	16,101	13,426	9,471	7,682	6,197	9,618
Liberal arts undergraduate:							
Public.....	17,945	14,250	11,165	8,905	7,539	6,386	8,391
Private.....	16,326	11,824	9,883	7,926	6,815	5,792	7,549
Teachers colleges undergraduate:							
Public.....	16,916	13,170	10,156	8,558	7,405	6,249	7,972
Private.....	16,965	10,737	9,533	7,223	6,113	5,195	6,006
Junior colleges:							
Public.....	13,350	11,375	(*)	(*)	(*)	(*)	7,915
Private.....	12,592	8,603	(*)	(*)	(*)	(*)	5,622

¹ Includes the undergraduate schools of universities, liberal arts colleges, and teachers colleges.
² Junior college faculty not ranked.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Higher Education Salaries, 1963-64*.

Table 70.—Mean annual salaries of full-time faculty members employed 9–10 months per year, all ranks combined, in institutions of higher education: United States, 1963–64

Type of institution, by size of enrollment	Average salary		
	Public and private	Public	Private
1	2	3	4
All institutions.....	\$8,397	\$8,571	\$8,184
4-year, total.....	8,518	8,650	8,324
10,000 and more.....	9,570	9,466	9,885
5,000–9,999.....	8,631	8,470	8,955
2,500–4,999.....	8,099	7,963	8,544
1,000–2,499.....	7,838	7,726	7,902
500–999.....	7,104	7,173	7,090
Below 500.....	6,518	7,025	6,480
2-year, total.....	7,566	7,915	6,622
2,500 and more.....	8,794	8,704	.....
1,000–2,499.....	7,402	7,631	6,027
500–999.....	6,758	7,078	5,801
Below 500.....	6,162	6,637	5,326

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Higher Education Salaries, 1963–64*.

Table 71.—Mean and median salaries and total earnings of teaching faculty (all ranks) in universities and four-year colleges, by primary teaching area: United States and outlying areas, 1961–62 and 1962–63

Primary teaching area	12-month period ending June 30, 1962				Academic year 1962–63	
	Total earnings ¹		Earnings other than contract salary		Contract teaching salary	
	Median	Mean (average)	Median	Mean (average)	Median	Mean (average)
1	2	3	4	5	6	7
Total.....	\$9,172	\$10,004	\$1,530	\$2,168	\$7,611	\$8,302
Agriculture.....	9,907	10,560	2,385	2,756	7,648	8,475
Biological sciences.....	10,046	11,064	1,063	2,074	8,363	8,685
Business and commerce.....	9,435	10,512	1,882	2,924	7,900	8,574
Education.....	9,428	9,986	1,630	2,080	8,074	8,301
Engineering.....	10,984	11,604	2,506	3,197	8,878	9,207
English and journalism.....	7,730	8,423	1,156	1,668	7,191	7,619
Fine arts.....	7,972	8,557	1,229	1,588	7,291	7,549
Foreign languages.....	7,988	8,637	1,199	1,465	7,467	7,995
Health fields.....	10,907	12,439	904	2,270	6,999	7,789
Home economics.....	7,144	7,708	784	1,094	7,076	7,162
Law.....	13,661	16,000	2,867	5,297	12,189	12,914
Mathematics.....	9,152	9,782	1,771	2,378	7,814	8,378
Philosophy.....	8,769	9,620	1,213	1,485	7,772	8,738
Physical and health education.....	7,823	8,108	1,063	1,322	7,092	7,227
Physical sciences.....	10,308	11,404	2,046	2,853	8,699	9,213
Psychology.....	10,115	11,054	1,964	2,655	8,504	8,994
Religion and theology.....	7,757	8,166	1,121	1,335	7,460	7,905
Social sciences.....	9,083	9,669	1,481	1,907	7,944	8,546
All other fields.....	9,383	9,736	1,450	2,309	8,314	8,704

¹ Includes income from contract teaching salary for the academic year and from other professional activities.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, Higher Education Surveys Section. (Preliminary data.)

Table 72.—Number of institutions of higher education, by State, highest level of offering, and control: 1963-64

State	All institutions			Highest level of offering									
				2 to 4 years beyond 12th grade		Bachelor's or 1st professional degree		Master's or 2d professional degree		Doctor's degree		Other	
	Total	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States and outlying areas.....	2,139	762	1,377	381	263	96	696	175	290	106	117	4	21
Alabama.....	27	9	18		4		10		7	8	2		1
Alaska.....	3	1	2		1		1				1		
Arizona.....	7	5	2	2			1	1	1	2			
Arkansas.....	19	8	11		2	4	7	3	2	1			
California.....	174	88	86	68	6	4	37	13	32	2	10	1	1
Colorado.....	22	14	8	7		1	4	2	2	4	2		
Connecticut.....	33	8	25	2	7	1	8	4	8	1	2		
Delaware.....	4	2	2		2	1				1			
District of Columbia.....	25	3	22		5	1	6		4		5	2	2
Florida.....	48	32	16	28	4	1	8	1	3	2	1		
Georgia.....	47	20	27	8	7	5	15	5	4	2	1		
Hawaii.....	4	1	3		1		2			1			
Idaho.....	8	4	4	2	2		1	1	1	1			
Illinois.....	114	25	89	17	15	1	37	4	26	3	9		2
Indiana.....	41	5	36	1	1		23	1	7	3	3		2
Iowa.....	51	19	32	16	5		25	1	2	2			
Kansas.....	45	21	24	14	4		18	4	2	3			
Kentucky.....	37	8	29	1	8	1	14	4	6	2	1		
Louisiana.....	22	10	12		2	3	5	6	3	1	2		
Maine.....	22	7	15		4		10			1	1		
Maryland.....	45	20	25	12	4	4	11	3	5	1	4		1
Massachusetts.....	100	24	76	9	18	5	23	8	20	2	12		3
Michigan.....	67	25	42	16	5	1	26	5	10	3			1
Minnesota.....	45	16	29	10	2		20	5	7	1			
Mississippi.....	46	25	20	17	11	4	8	1	1	3			
Missouri.....	64	15	49	7	11	4	29	3	6	1	3		
Montana.....	11	8	3	2		1	3	3		2			
Nebraska.....	23	10	13	4	2	1	10	4	1	1			
Nevada.....	1	1								1			
New Hampshire.....	13	5	8	2			6	2	1	1	1		
New Jersey.....	38	9	29	1	8	1	12	5	4	2	4		1
New Mexico.....	9	7	2	1			2	2		4			
New York.....	187	52	135	27	30	3	49	15	32	7	22		2
North Carolina.....	60	17	43	5	17	4	22	4	3	4	1		
North Dakota.....	14	11	3	4	1	5	2			2			
Ohio.....	71	10	61		4	1	42	3	12	6	3		
Oklahoma.....	35	24	11	13	2	3	6	6	1	2	1		1
Oregon.....	29	11	18	5	3		8	4	5	2	1		1
Pennsylvania.....	130	16	114	1	16	5	68	9	24	1	14		2
Rhode Island.....	12	2	10		2		5	1	2	1	1		
South Carolina.....	30	6	24		5	1	14	2	4	3	1		
South Dakota.....	16	7	9		3	2	6	3		2			
Tennessee.....	47	7	40		7		27	6	4	1	2		
Texas.....	98	53	45	32	7	3	19	11	13	7	6		
Utah.....	8	4	4	2	2		1			2	1		
Vermont.....	16	5	11	1	3	3	6		1	1	1		
Virginia.....	46	11	35		13	2	15	5	6	3	1	1	
Washington.....	29	17	12	12			5	3	7	2			
West Virginia.....	21	11	10	1	3	8	7	1		1			
Wisconsin.....	62	33	29	23	3	6	19	3	4	1	2		1
Wyoming.....	6	6		5						1			

Table 72.—Number of institutions of higher education, by State, highest level of offering, and control: 1963-64—Continued

State	All institutions			Highest level of offering									
				2 to 4 years beyond 12th grade		Bachelor's or 1st professional degree		Master's or 2d professional degree		Doctor's degree		Other	
	Total	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Outlying areas													
Canal Zone.....	1	1		1									
Guam.....	1	1		1									
Puerto Rico.....	5	1	4		1		3	1					
Virgin Islands.....	1	1		1									

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Education Directory, 1963-64: Part 3, Higher Education*.

Table 73.—Number of institutions of higher education, by highest level of offering, sex of student body, and control: United States and outlying areas, 1963-64

Highest level of offering and sex of student body	Total	Public				Private		
		Federal	State	District or city	Independent of religious group	Religious group		
						Protestant	Roman Catholic	Other
1	2	3	4	5	6	7	8	9
Total.....	2,139	12	393	357	1,507	463	361	28
2 to 4 years beyond 12th grade.....	644	1	43	337	113	85	62	3
Coeducational.....	527	1	41	336	69	73	4	3
Men.....	40		2	1	14	2	21	
Women.....	77				30	10	37	
Bachelor's and/or first-professional degree.....	792	5	87	4	192	263	210	11
Coeducational.....	522		78	4	154	253	27	6
Men.....	116	5	6		16	12	72	5
Women.....	154		3		22	18	111	
Master's and/or second-professional degree.....	455	1	164	10	117	91	70	2
Coeducational.....	357		161	10	88	77	19	2
Men.....	56	1			13	13	29	
Women.....	42		3		16	1	22	
Doctor of philosophy or equivalent degree.....	223	1	90	6	68	22	18	9
Coeducational.....	194		97	6	53	19	11	8
Men.....	24	1			13	3	6	1
Women.....	5		2		2		1	
Other.....	25	4			17	2	1	1
Coeducational.....	19	3			15	1		
Men.....	4	1				1	1	1
Women.....	2				2			

¹ Includes 35 proprietary institutions.

² Includes the following institutions: 1 Greek Orthodox, 9 interdenominational, 8 Jewish, 4 Latter-day Saints, 1 Reorganized Latter-day Saints, 2 Russian Orthodox, and 1 Unitarian.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Education Directory, 1963-64: Part 3, Higher Education*.

Table 74.—Number of Institutions of higher education, by size of degree-credit student body and by type of institution: United States and outlying areas, fall 1963

Type of institution	Total	Institutions with enrollment of—						
		Below 200	200 to 499	500 to 999	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 or more
1	2	3	4	5	6	7	8	9
NUMBER OF INSTITUTIONS								
All institutions.....	2,080	332	440	470	433	184	128	93
Junior colleges.....	577	148	183	112	75	32	19	8
4-year institutions.....	1,503	184	257	358	358	152	109	85
Universities.....	146	0	0	0	0	20	56	70
Liberal arts colleges.....	788	23	124	280	253	69	25	14
Independently organized professional schools:								
Teachers colleges.....	186	6	19	25	67	51	18	0
Technological schools.....	57	6	5	9	19	9	8	1
Theological, religious.....	201	115	68	15	3	0	0	0
Schools of art.....	46	20	15	7	4	0	0	0
Other professional.....	79	14	26	22	12	3	2	0
PERCENTAGE DISTRIBUTION								
All institutions.....	100.0	16.0	21.2	22.6	20.8	8.8	6.2	4.5
4-year institutions.....	100.0	12.2	17.1	23.8	23.8	10.1	7.3	5.7
Junior colleges.....	100.0	25.6	31.7	19.4	13.0	5.5	3.3	1.4

NOTE.—Because of rounding, detail of percentage distribution may not add to totals.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Opening (Fall) Enrollment in Higher Education, 1963*.

Table 75.—Earned degrees conferred by institutions of higher education, by level and by State: 1962-63 and 1963-64

State	1962-63			1963-64 ¹		
	Bachelor's and first professional	Master's except first professional	Doctor's	Bachelor's and first professional	Master's except first professional	Doctor's
1	2	3	4	5	6	7
United States.....	447,622	91,366	12,822	487,800	96,000	13,200
Alabama.....	6,578	1,030	62	7,200	1,100	60
Alaska.....	131	32	3	100	(²)	(³)
Arizona.....	3,565	986	66	3,900	1,000	70
Arkansas.....	4,116	615	46	4,500	600	50
California.....	34,489	7,826	1,307	37,600	8,100	1,350
Colorado.....	6,164	1,843	239	6,700	1,900	250
Connecticut.....	6,277	1,861	296	6,800	1,900	300
Delaware.....	592	162	23	600	200	20
District of Columbia.....	4,739	2,098	224	5,200	2,200	230
Florida.....	7,388	1,236	108	8,000	1,300	200
Georgia.....	7,257	958	96	7,900	1,000	100
Hawaii.....	973	231	15	1,100	200	30
Idaho.....	1,387	210	6	1,500	200	10
Illinois.....	21,958	5,232	1,007	23,900	5,500	1,040
Indiana.....	13,537	4,158	620	14,800	4,300	640
Iowa.....	8,605	1,128	379	9,400	1,200	400
Kansas.....	7,017	1,575	120	7,600	1,600	120
Kentucky.....	6,933	967	54	7,600	1,000	60
Louisiana.....	7,649	1,099	168	8,300	1,100	170
Maine.....	2,179	225	1	2,400	200	(³)
Maryland.....	6,608	912	214	7,200	1,000	220
Massachusetts.....	19,501	5,535	946	21,200	5,800	970
Michigan.....	19,911	5,559	691	21,700	5,800	710
Minnesota.....	10,162	1,360	314	11,100	1,400	320
Mississippi.....	5,211	700	34	5,700	700	40
Missouri.....	10,934	2,031	235	11,900	2,100	240
Montana.....	2,025	274	16	2,200	300	30
Nebraska.....	5,356	606	91	5,800	600	90
Nevada.....	422	63	0	500	100	(³)
New Hampshire.....	2,228	231	13	2,400	200	10
New Jersey.....	11,048	1,902	313	12,000	2,000	320
New Mexico.....	1,734	638	39	1,900	700	40
New York.....	44,488	12,676	606	48,500	13,200	1,660
North Carolina.....	10,267	1,793	277	11,200	1,900	280
North Dakota.....	2,020	340	14	2,200	400	10
Ohio.....	22,150	3,545	536	24,100	3,700	550
Oklahoma.....	7,311	1,485	162	8,000	1,500	170
Oregon.....	5,440	1,183	147	5,900	1,200	150
Pennsylvania.....	29,451	4,594	679	32,100	4,800	700
Rhode Island.....	2,620	348	75	2,900	400	80
South Carolina.....	4,499	310	17	4,900	300	20
South Dakota.....	2,322	376	14	2,500	400	10
Tennessee.....	8,634	1,666	160	9,400	1,700	160
Texas.....	22,714	3,628	401	24,800	3,800	410
Utah.....	4,309	664	117	4,700	700	120
Vermont.....	1,638	310	3	1,800	300	(³)
Virginia.....	7,479	791	87	8,200	800	90
Washington.....	7,810	1,283	209	8,500	1,300	220
West Virginia.....	3,992	655	11	4,400	700	10
Wisconsin.....	10,499	1,856	443	11,400	1,900	460
Wyoming.....	782	227	26	900	200	30
U.S. Service Schools.....	2,623	373	2	2,700	400	0
Outlying area						
Puerto Rico.....	2,970	52	0	3,200	100	0

¹ Estimated. ² Less than 50. ³ Less than 5.Source: U.S. Department of Health, Education, and Welfare, Office of Education, *Earned Degrees Conferred, 1962-63*; and Office of Education estimates.

Table 76.—Number of earned degrees conferred by institutions of higher education, by sex, major area of study, and level: United States and outlying areas, 1962-63

Major area of study	Number of degrees conferred							
	4-year bachelor's and first-professional degrees		First-professional degrees requiring 5 or more years		Second-level degrees		Doctor's degrees	
	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9
All areas.....	239, 106	171, 313	35, 642	4, 529	62, 944	28, 474	11, 448	1, 374
Agriculture.....	4, 478	109			1, 048	28	400	8
Architecture.....	495	38	1, 445	50	344	12	3	
Biological sciences.....	13, 820	5, 389	7	2	2, 153	788	1, 279	176
Business and commerce.....	47, 012	4, 185	2, 451	36	5, 633	214	244	6
Education ¹	25, 982	76, 447	193	174	20, 439	17, 063	1, 672	403
Engineering.....	31, 586	126	1, 742	5	9, 603	32	1, 367	11
English and journalism.....	10, 857	19, 420	59	21	2, 110	2, 197	415	112
Fine and applied arts.....	6, 163	8, 222	116	37	2, 027	1, 336	322	57
Foreign languages and literature.....	3, 240	6, 621			983	978	214	61
Forestry.....	1, 408	3	65		184	1	41	
Geography.....	958	164			234	40	57	4
Health professions.....	2, 794	9, 069	13, 217	814	1, 161	863	147	10
Home economics ¹	69	4, 304			18	524	4	41
Law.....	221	12	9, 633	315	594	21	29	
Library science.....	38	424	516	1, 373	103	371	10	7
Mathematical subjects.....	11, 143	4, 953	20	5	2, 665	658	454	36
Merchant Marine—Deck officer curriculum.....	191							
Military, naval, or air force science.....	2, 199				3			
Philosophy.....	3, 545	540			392	54	117	17
Physical sciences.....	14, 038	2, 238			3, 704	428	2, 285	95
Psychology.....	6, 505	4, 557			1, 345	573	700	144
Religion.....	2, 404	1, 175	4, 930	327	982	189	262	14
Social sciences.....	43, 740	21, 484	1, 247	1, 369	6, 501	1, 869	1, 374	162
Trade and industrial training.....	1, 670	17			31	1	7	
Other broad general curriculums and miscellaneous fields.....	4, 552	1, 707	1	1	687	234	45	10

¹ Home economics education included under education, not under home economics.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Earned Degrees Conferred, 1962-63*.

Table 77.—Earned degrees conferred by institutions of higher education: United States, 1869-70 to 1962-63

Year	Earned degrees conferred			
	All degrees	Bachelor's and first professional	Master's except first professional	Doctor's
1	2	3	4	5
1869-70	9,372	9,371	0	1
1870-80	13,829	12,896	879	54
1880-90	16,703	15,539	1,015	149
1890-1900	29,375	27,410	1,583	382
1900-10	39,755	37,199	2,113	443
1910-20	53,516	48,622	4,279	615
1920-30	139,752	122,484	14,969	2,299
1930-40	216,521	186,500	26,731	3,290
1941-42	213,491	185,346	24,648	3,497
1943-44	141,582	125,863	13,414	2,305
1945-46	157,349	136,174	19,209	1,966
1947-48	317,607	271,019	42,400	4,188
1949-50	496,661	432,058	58,183	6,420
1951-52	401,203	329,986	63,534	7,683
1953-54	356,608	290,825	56,788	8,995
1955-56	376,973	308,812	59,258	8,903
1957-58	436,979	362,554	65,487	8,938
1959-60	478,704	392,440	74,435	9,829
1961-62	514,323	417,846	84,855	11,622
1962-63	551,810	447,622	91,366	12,822

NOTE.—Beginning in 1959-60, includes Alaska and Hawaii.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*; and circulars on *Earned Degrees Conferred*.

Table 78.—Engineering degrees conferred by institutions of higher education, by level: United States and outlying areas, 1948-49 to 1962-63

Year	All engineering degrees	Bachelor's or first-engineering degrees	Master's degrees ¹	Doctor's degrees
1	2	3	4	5
1948-49	50,415	45,200	4,798	417
1949-50	58,130	52,732	4,904	494
1950-51	47,635	41,893	5,156	586
1951-52	35,013	30,286	4,141	586
1952-53	28,499	24,164	3,743	592
1953-54	27,003	22,236	4,177	590
1954-55	27,672	22,589	4,484	599
1955-56	31,640	26,306	4,724	610
1956-57	37,089	31,211	5,282	596
1957-58	41,767	36,332	5,788	647
1958-59	45,601	38,134	6,753	714
1959-60	45,753	37,808	7,159	786
1960-61	44,980	36,890	8,177	943
1961-62	44,851	34,735	8,909	1,207
1962-63	44,471	33,458	9,635	1,378

¹ Also includes other postgraduate doctoral degrees.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Advance Report on Engineering Degrees (1962-63) and Enrollments (Fall 1963)*.

Table 79.—Current-fund income of institutions of higher education, by source and control: United States and outlying areas, 1961-62

[Amounts in thousands of dollars]

Source	Current-fund income, by control of institution					
	Public and private		Public		Private	
	Amount	Per- cent	Amount	Per- cent	Amount	Per- cent
1	2	3	4	5	6	7
Total current-fund income	\$7,466,461	100.0	\$4,147,426	100.0	\$3,319,035	100.0
Educational and general income.....	6,072,210	81.3	3,396,772	81.9	2,675,447	80.6
Tuition and fees from students.....	1,506,329	20.2	429,731	10.4	1,076,598	32.4
Federal Government.....	1,542,066	20.7	770,964	18.6	771,092	23.2
Research.....	1,274,364	17.1	647,972	13.2	726,392	21.9
Other Federal income.....	267,692	3.6	222,992	5.4	44,700	1.3
State governments.....	1,689,086	22.6	1,640,608	39.6	48,478	1.5
Local governments.....	191,188	2.6	184,236	4.4	6,952	0.2
Private gifts and grants.....	450,764	6.0	98,416	2.4	352,347	10.6
Other educational and general income.....	693,796	9.3	272,817	6.6	420,980	12.7
Auxiliary enterprise income.....	1,274,026	17.1	697,401	16.8	576,625	17.4
Student-aid income.....	120,216	1.6	53,253	1.3	66,963	2.0

NOTE.—Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education. *Financial Statistics of Institutions of Higher Education, 1961-62.*

Table 80.—Income of institutions of higher education: United States and outlying areas, 1949-50 to 1959-60

[Amounts in thousands of dollars]

Item	1949-50	1951-52	1953-54	1955-56	1957-58	1959-60
1	2	3	4	5	6	7
Current income	\$2,398,079	\$2,578,364	\$2,966,264	\$3,028,773	\$4,678,813	\$5,812,759
Educational and general.....	1,846,825	2,035,401	2,356,506	2,881,759	3,762,532	4,712,548
Student fees ¹	305,855	448,395	554,179	725,926	939,111	1,161,753
Federal Government.....						
Veterans' tuition and fees ¹	308,432	147,513	44,868	15,637	5,056	3,493
Land-grant institutions ²	48,245	49,376	50,552	72,616	83,937	89,297
Research ³	(4)	221,105	282,379	355,576	534,399	628,734
Other purposes.....	170,356	85,418	42,244	80,056	89,049	120,385
State governments ⁴	500,289	620,588	751,556	891,600	1,156,537	1,399,271
Local governments.....	61,378	72,013	88,198	106,899	129,889	151,715
Endowment earnings.....	96,370	112,927	127,533	145,040	181,639	206,666
Private gifts and grants.....	118,705	149,925	191,258	245,539	324,970	383,186
Related activities.....	112,437	137,010	165,477	192,408	199,303	244,894
Sales and services of educational departments.....					67,448	65,425
Other educational and general.....	94,758	41,131	58,762	80,464	71,706	89,739
Auxiliary enterprises.....	513,096	511,248	576,840	693,975	841,539	1,005,963
Student-aid income.....	16,288	21,068	32,918	53,039	71,442	94,248
Other current income.....	13,870	11,657				
Receipts for plant expansion	539,435	354,297	479,349	526,699	1,227,199	1,311,997
Federal Government.....	12,362	12,660	8,380	13,267	63,011	57,599
State governments.....	285,234	144,362	132,697	222,781	376,331	320,401
Local governments.....	19,373	16,075	13,956	17,295	45,454	36,304
Private gifts and grants.....	72,629	71,616	103,900	143,177	157,172	196,464
Miscellaneous receipts.....	140,837	111,564	211,207	429,810	585,231	701,139
Private gifts and grants for fund increases	64,939	96,219	166,538	197,148	393,798	399,147
Endowment funds.....	62,916	92,007	100,114	186,239	192,714	187,528
Annuity funds.....	2,472	2,863	4,662	8,935	7,825	16,010
Student loan funds.....	1,551	1,349	1,862	1,974	3,249	5,619

¹ Tuition and fees received from veterans under Public Law 550 are reported under Student fees, not under Income from Federal Government.

² Income from Federal Government for research at agricultural experiment stations administered by land-grant institutions is reported under Land-grant institutions, not under Research.

³ Data not collected.

⁴ Includes Federal funds received through State channels, and regional compacts.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States, 1966-68*, Chapter 4, Section II, Statistics of Higher Education: Receipts, Expenditures, and Property, 1957-58; and *Financial Statistics of Institutions of Higher Education, 1959-60*

Table 81.—Private gifts and grants to higher education per capita of total population, by fund: United States and outlying areas, 1959-60

Fund	Amount		Percent of total
	Actual	Per capita ¹	
1	2	3	4
All funds.....	\$588,511,261	\$4.81	100.0
Current.....	428,712,576	2.40	69.9
Educational and general.....	383,186,334	2.15	44.6
Student aid.....	45,526,242	.25	5.3
Plant ²	220,651,191	1.24	25.7
Endowment ³	187,528,440	1.05	21.6
Student loan fund.....	5,619,087	.03	.7
Annuity or living trust.....	15,999,967	.09	1.0

¹ Based on total estimated population of 178,607,000 as of July 1, 1959
² Includes \$24,187,131 value of plant assets donated, a small part of which may have come from nonprivate sources.
³ Includes funds functioning as endowment.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Financial Statistics of Institutions of Higher Education, 1959-60*.

Table 82.—Median tuition and required fees for full-time undergraduate students in institutions of higher education, by region, and by type and control of institution: United States and outlying areas, 1962-63

Region and control of institution	Tuition and fees, by type of institution							
	All institutions	Universities	Liberal arts colleges	Teachers colleges	Technological schools	Theological schools	Other professional schools	Junior colleges
1	2	3	4	5	6	7	8	9
United States:								
Public.....	\$170	\$268	\$188	\$268	\$259		\$475	\$113
Private.....	690	1,038	751	575	1,030	361	794	502
NORTH ATLANTIC:								
Public.....	244	325	168	229	240		340	291
Private.....	855	1,375	908	1,100	1,275	335	925	736
GREAT LAKES AND PLAINS:								
Public.....	185	283	250	208	275		460	112
Private.....	673	838	725	468	725	335	713	519
SOUTHEAST:								
Public.....	172	255	195	193	312		588	114
Private.....	508	975	559	300	1,050	308	730	396
WEST AND SOUTHWEST:								
Public.....	103	223	136	200	130			60
Private.....	641	638	717	563	900	438	867	400

NOTE.—Tuition and fees are for the entire academic year; medians for the public institutions are for residents only.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Higher Education, Basic Student Charges, 1962-63*.

Table 83.—Median charges for dormitory rooms and median board rates in institutions of higher education, by type and control of institution: United States and outlying areas, 1962-63

Type of institution	Charges for dormitory rooms ¹				Board rates ²			
	Public institutions		Private institutions		Public institutions		Private institutions	
	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9
All types	\$199	\$204	\$224	\$228	\$389	\$381	\$417	\$426
Universities	242	253	333	345	444	441	497	498
Liberal arts colleges	188	193	236	246	361	357	429	439
Teachers colleges	196	193	225	288	367	367	412	428
Technological schools	213	254	319	350	454	475	442	438
Theological schools			170	180			363	375
Other independent professional schools	250	238	308	319	450	501	506	496
Junior colleges	175	181	154	190	376	363	361	367

¹ Charges are for the entire academic year.

² Rates are for a 7-day week throughout the academic year.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Higher Education, Basic Student Charges, 1962-63*.

Table 84.—Current-fund expenditures of institutions of higher education, by purpose and control: United States and outlying areas, 1961-62

(Amounts in thousands of dollars)

Purpose	Current-fund expenditure, by control of institution					
	Public and private		Public		Private	
	Amount	Percent	Amount	Percent	Amount	Percent
1	2	3	4	5	6	7
Total current-fund expenditures	\$7,199,977	100.0	\$3,967,556	100.0	\$3,222,521	100.0
Educational and general expenditures	5,796,124	80.6	3,256,998	82.1	2,541,126	78.9
General administration and general expense	736,189	10.2	334,576	8.4	401,613	12.5
Instruction and departmental research	2,215,992	30.8	1,315,852	33.2	900,140	27.9
Libraries	178,109	2.5	97,250	2.5	80,858	2.5
Physical plant operation and maintenance	566,023	7.9	322,323	8.1	243,700	7.6
Organized research	1,481,377	20.6	733,446	18.5	747,931	23.2
Other educational and general expenditures	620,434	8.6	453,561	11.4	166,874	5.2
Auxiliary enterprise expenditures	1,180,678	16.1	629,963	16.9	550,695	16.5
Student-aid expenditures	231,275	3.2	80,575	2.0	150,699	4.7

NOTE.—Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Financial Statistics of Institutions of Higher Education, 1961-62*.

Table 85.—Expenditures of institutions of higher education: United States and outlying areas, 1949-50 to 1959-60

(In thousands of dollars)

Item	1949-50	1951-52	1953-54	1955-56	1957-58	1959-60
1	2	3	4	5	6	7
Current expenditures	\$2,259,941	\$2,686,229	\$2,982,666	\$3,534,744	\$4,543,562	\$5,627,962
Educational and general	1,717,913	1,933,645	2,288,351	2,788,790	3,634,142	4,536,056
General administration and general expense	214,477	235,426	290,533	358,380	478,166	587,336
Instruction and departmental research	785,420	827,737	906,769	1,168,510	1,477,350	1,802,871
Extension and public services	88,389	94,287	114,880	141,074	178,928	208,378
Libraries	56,684	60,948	73,458	86,133	110,510	135,913
Plant operation and maintenance	226,246	241,564	280,047	326,390	408,438	473,682
Organized research	227,344	320,362	374,922	506,087	733,887	1,024,398
Related activities	119,553	148,321	187,062	222,345	238,924	294,344
Sales and services expenditures	(1)	(1)	(1)	(1)	7,439	9,134
Auxiliary enterprises	477,983	478,333	539,326	639,721	778,034	917,943
Student-aid expenditures	(1)	38,795	74,789	99,224	131,386	173,963
Other current expenditures	64,045	33,456				
Gross additions to plant value	418,528	408,645	439,128	685,650	1,121,674	1,311,907

(1) Not tabulated separately, probably included in line above

Source: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States, 1956-58*, Chapter 4, Section II, Statistics of Higher Education: Receipts, Expenditures, and Property, 1957-58, and *Financial Statistics of Institutions of Higher Education, 1959-60*

Table 86.—Personal income, 1959, related to current expenditures for higher education, by State: 1959-60

State	Personal income, 1959 (millions of dollars)	Current expenditures for higher education 1959-60 ¹		State	Personal income, 1959 (millions of dollars)	Current expenditures for higher education 1959-60 ¹	
		Amount (thousands of dollars)	Percent of personal income			Amount (thousands of dollars)	Percent of personal income
1	2	3	4	1	2	3	4
U.S. and Puerto Rico	\$383,824	\$5,533,711	1.44	Missouri.....	9,250	110,899	1.20
50 States and D.C.	382,583	5,507,405	1.44	Montana.....	1,319	20,199	1.53
Alabama.....	4,602	63,279	1.38	Nebraska.....	2,757	41,554	1.51
Alaska.....	555	5,675	1.02	Nevada.....	757	4,719	.76
Arizona.....	2,398	33,718	1.41	New Hampshire.....	1,192	24,792	2.08
Arkansas.....	2,360	36,229	1.54	New Jersey.....	15,441	116,795	.76
California.....	40,915	724,227	1.77	New Mexico.....	1,699	28,545	1.69
Colorado.....	3,776	72,943	1.93	New York.....	45,016	565,640	1.26
Connecticut.....	6,939	83,460	1.20	North Carolina.....	6,752	129,837	1.92
Delaware.....	1,285	9,225	.72	North Dakota.....	976	18,440	1.89
District of Columbia.....	2,200	65,304	2.97	Ohio.....	21,947	224,707	1.02
Florida.....	9,398	89,896	.98	Oklahoma.....	4,117	65,667	1.60
Georgia.....	6,075	79,408	1.31	Oregon.....	3,865	57,089	1.48
Hawaii.....	1,290	12,873	1.00	Pennsylvania.....	24,728	299,174	1.21
Idaho.....	1,186	16,703	1.41	Rhode Island.....	1,850	28,108	1.52
Illinois.....	25,643	366,065	1.43	South Carolina.....	3,157	43,119	1.37
Indiana.....	9,700	160,286	1.65	South Dakota.....	1,020	21,167	2.08
Iowa.....	5,409	104,927	1.94	Tennessee.....	5,348	81,640	1.53
Kansas.....	4,302	68,638	1.60	Texas.....	18,033	215,633	1.20
Kentucky.....	4,564	52,656	1.15	Utah.....	1,621	45,727	2.82
Louisiana.....	5,145	88,918	1.73	Vermont.....	694	19,680	2.83
Maine.....	1,724	20,815	1.21	Virginia.....	7,041	94,232	1.34
Maryland.....	7,096	115,376	1.63	Washington.....	6,350	90,714	1.43
Massachusetts.....	12,387	306,620	2.48	West Virginia.....	3,060	30,846	1.01
Michigan.....	17,469	264,778	1.52	Wisconsin.....	8,306	112,084	1.35
Minnesota.....	6,658	119,565	1.80	Wyoming.....	728	10,542	1.45
Mississippi.....	2,493	43,272	1.74	Puerto Rico ²	1,241	26,306	2.12

¹ Not including U.S. service academies, Canal Zone, or Guam.

² Data from Office of Puerto Rico, Washington, D.C.

SOURCES: U.S. Department of Health, Education, and Welfare, Office of Education, *Financial Statistics of Institutions of Higher Education, 1959-60*. U.S. Department of Commerce, Office of Business Economics, *Survey of Current Business*, August 1961.

Table 87.—Property of institutions of higher education: United States and outlying areas, 1950 to 1960

[In thousands of dollars]

Item	1950	1952	1954	1956	1958	1960
1	2	3	4	5	6	7
Property values at end of year.....	\$7,943,303	\$9,777,768	\$11,348,265	\$13,322,289	\$16,947,123	\$20,224,872
Physical plant and plant funds.....	5,296,030	6,784,854	8,032,700	9,485,060	12,136,585	14,652,697
Physical plant.....	4,820,981	6,400,935	7,559,556	8,901,825	11,180,156	13,588,360
Unexpended plant funds.....	475,049	383,919	473,144	583,235	956,429	1,064,337
Endowment and other non-expendable funds.....	2,647,273	2,992,854	3,312,565	3,837,229	4,810,538	5,572,175
Endowment funds.....	2,604,098	2,871,345	3,196,120	3,703,473	4,647,828	5,322,971
Annuity funds.....	(1)	74,641	67,253	75,275	91,473	122,757
Student loan funds.....	43,175	46,868	49,192	58,481	71,237	126,447

¹ Annuity funds tabulated with endowment funds.SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States, 1956-58*, Chapter 4, Section II, Statistics of Higher Education: Receipts, Expenditures, and Property, 1957-58; and *Financial Statistics of Institutions of Higher Education, 1959-60*.

Table 88.—Physical plant value per student, institutions of higher education, by control and level: United States and outlying areas, 1958 and 1960

Control and level	Institutions		Plant value	
	Number	Enrollment ¹	Total ²	Per student
1	2	3	4	5
1958				
All institutions.....	1,940	2,927,914	\$11,180,166	\$3,818
4-year institutions.....	1,397	2,577,839	10,477,250	4,064
2-year institutions.....	543	350,075	702,906	2,008
Publicly controlled institutions.....	671	1,645,468	6,462,133	3,927
4-year institutions.....	369	1,347,262	5,965,798	4,443
2-year institutions.....	302	298,206	476,335	1,597
Privately controlled institutions.....	1,269	1,282,446	4,718,023	3,679
4-year institutions.....	1,028	1,230,577	4,491,453	3,650
2-year institutions.....	241	51,869	226,570	1,368
1960				
All institutions.....	2,015	3,296,197	13,588,360	4,199
4-year institutions.....	1,440	2,831,022	12,702,007	4,487
2-year institutions.....	575	465,175	886,353	2,188
Publicly controlled institutions.....	704	1,847,621	7,848,415	4,248
4-year institutions.....	372	1,496,257	7,213,576	4,815
2-year institutions.....	332	349,364	634,839	1,817
Privately controlled institutions.....	1,311	1,388,576	5,739,945	4,134
4-year institutions.....	1,068	1,332,765	5,488,431	4,118
2-year institutions.....	243	58,811	251,514	4,507

¹ Resident degree-credit enrollment, full-time and part-time, first term 1957-58 and 1959-60.² In thousands of dollars.SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States, 1959-61*, Chapter 4, Section II, Statistics of Higher Education: Receipts, Expenditures, and Property, 1957-58; and *Financial Statistics of Institutions of Higher Education, 1959-60*.

Table 89.—Endowment funds of institutions of higher education, by control and level: United States and outlying areas, 1958 and 1960

Type of institution, by control and level	Number	Enrollment ¹	Endowment funds ²	
			Total ³	Per student
1	2	3	4	5
1958				
All institutions.....	1,940	2,927,914	\$4,647,828	\$1,587
4-year institutions.....	1,397	2,577,839	4,600,960	1,785
2-year institutions.....	543	350,075	46,867	134
Publicly controlled institutions.....	671	1,645,469	877,798	533
4-year institutions.....	360	1,347,262	868,557	645
2-year institutions.....	302	298,206	9,241	31
Privately controlled institutions.....	1,269	1,282,446	3,770,030	2,940
4-year institutions.....	1,028	1,230,577	3,732,404	3,033
2-year institutions.....	241	51,869	37,626	725
1960				
All institutions.....	2,015	3,236,197	5,322,970	1,645
4-year institutions.....	1,440	2,831,022	5,272,272	1,862
2-year institutions.....	575	405,175	50,698	125
Publicly controlled institutions.....	704	1,847,621	956,051	517
4-year institutions.....	372	1,498,257	947,450	632
2-year institutions.....	332	349,364	8,601	25
Privately controlled institutions.....	1,311	1,388,576	4,366,919	3,145
4-year institutions.....	1,068	1,332,765	4,324,822	3,245
2-year institutions.....	243	55,811	42,097	754

¹ Resident degree-credit enrollment, full-time and part-time, first term 1957-58 and 1959-60.

² Including funds functioning as endowment.

³ In thousands of dollars.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States, 1958-59*, Chapter 4, Section II, Statistics of Higher Education: Receipts, Expenditures, and Property, 1957-58; and *Financial Statistics of Institutions of Higher Education, 1959-60*.

Table 90.—Student loan operations of institutions of higher education, by control: United States and outlying areas, 1959-60

Principal and loans	All institutions	Publicly controlled institutions	Privately controlled institutions
1	2	3	4
Principal at beginning of year.....	\$64,122,861	\$39,068,450	\$55,034,492
Additions to principal during year.....	34,200,013	16,283,402	17,916,611
Of these additions, private gifts and grants amounted to.....	5,619,087	1,870,175	4,048,912
Principal at end of year.....	126,446,502	54,445,832	72,000,670
Loans granted during year.....	53,423,165	27,827,245	25,505,920
Loans repaid during year.....	19,750,278	10,942,885	8,807,363
Loans outstanding, end of year.....	80,575,722	33,988,861	47,578,861
Unloaned funds, end of year.....	46,108,684	21,533,510	24,575,174

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Financial Statistics of Institutions of Higher Education, 1959-60*.

Table 91.—Faculty, students, and degrees, land-grant institutions: United States and outlying areas, 1952-53 and 1962-63

Item	1952-53	1962-63 ¹
1	2	3
<i>Faculty and other professional staff</i>		
Total number of positions.....	79,090	139,380
Men.....	63,608	112,344
Women.....	15,482	27,036
Total number of different persons.....	73,025	121,879
<i>Resident degree-credit enrollment</i>		
Total.....	430,384	688,775
Men.....	306,072	462,943
Women.....	124,312	225,832
Graduate.....	56,343	102,347
Undergraduate (including special).....	374,041	586,428
Opening (fall) enrollment.....	382,769	² 773,880
First time in any college.....	98,783	² 156,797
<i>Earned degrees conferred</i>		
All 4-year degrees.....	(³)	81,470
Men.....	(³)	52,570
Women.....	(³)	28,900
First professional requiring 5 or more years.....	(³)	8,790
Men.....	(³)	7,880
Women.....	(³)	910
Bachelor's and first professional.....	65,249	90,260
Men.....	47,200	60,450
Women.....	18,049	29,810
Master's.....	14,198	23,175
Men.....	10,834	17,066
Women.....	3,364	5,509
Doctor's.....	3,126	5,109
Men.....	2,900	4,745
Women.....	226	364

¹ Data on faculty and enrollment are for the first term of the academic year.

² Includes extension students.

³ Data not available.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of Land-Grant Colleges and Universities, Year Ended June 30, 1963*; and unpublished data.

Table 92.—Financial statistics, land-grant institutions: United States and outlying areas, 1952-53 and 1962-63

[In thousands of dollars]

Item	1952-53	1962-63
1	2	3
INCOME		
Current income.....	\$868,317	\$2,496,974
Educational and general.....	721,765	2,142,290
Student fees.....	67,498	215,329
Federal Government:		
Land-grant regular appropriations.....	49,171	113,580
Research.....	116,595	613,395
Other purposes.....	19,041	44,834
State governments.....	362,289	879,800
Local governments.....	4,390	9,407
Endowment earnings.....	9,996	17,721
Private gifts and grants.....	27,343	78,857
Related activities.....	52,588	129,434
Other educational and general.....	12,855	39,934
Auxiliary enterprises.....	138,272	329,435
Noneducational income.....	8,280	
Student-aid income.....		27,250
Other current income.....		
Receipts for plant expansion.....	96,069	494,019
Federal Government.....	2,286	25,559
State governments.....	52,191	193,305
Local governments.....		121
Private gifts and grants.....	5,183	11,857
Miscellaneous receipts.....	36,409	263,177
Private gifts and grants for fund increases:		
Endowment funds.....	10,831	30,578
Annuity funds.....	546	303
Student loan funds.....	282	2,597
EXPENDITURES		
Current expenditures.....	849,482	2,433,937
Educational and general.....	692,585	2,086,121
General administration and general expense.....	52,568	169,532
Instruction and departmental research.....	223,368	594,935
Extension and public service.....	87,743	211,190
Libraries.....	16,824	46,870
Plant operation and maintenance.....	67,396	151,499
Organized research.....	197,582	787,183
Related activities.....	47,104	124,912
Auxiliary enterprises.....	132,729	298,833
Other noneducational expenses.....	18,168	
Student-aid expenditures.....		48,963
Expenditures for plant expansion ¹	95,489	379,770
PROPERTY		
Physical plant and plant funds.....	1,898,532	5,141,484
Physical plant.....	1,742,022	4,775,962
Unexpended plant funds.....	156,510	365,522
Endowment and other nonexpendable funds.....	353,780	887,152
Endowment funds.....	328,962	844,811
Annuity funds.....	12,078	12,721
Student loan funds.....	12,719	29,620

¹ Excludes expenditures from current funds.SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of Land-Grant Colleges and Universities, Year Ended June 30, 1963*; and unpublished data.

Table 93.—Funds of Federal origin, land-grant institutions: United States and outlying areas, 1962-63

All Federal funds.....	3862, 477, 977
Total appropriations.....	113, 579, 836
Funds for instruction and facilities (Morrill-Nelson and Bankhead-Jones funds).....	14, 500, 000
Funds for research (experiment stations).....	35, 426, 724
Hatch funds as amended.....	34, 843, 732
Research under Agriculture Marketing Act.....	582, 992
Funds for cooperative extension.....	63, 662, 862
Smith-Lever funds (Act of 1914 as amended).....	62, 137, 361
Extension under Agriculture Marketing Act.....	1, 516, 601
Total endowment income under land-grant funds.....	5, 111, 041
From 1862 land-grant funds.....	3, 130, 280
From other Federal land-grant funds.....	1, 971, 762
Other Federal funds.....	663, 787, 350
For educational and general purposes.....	658, 228, 514
Federal research funds (exclusive of experiment stations research funds).....	613, 394, 703
Other Federal grants and payments.....	44, 833, 811
For plant expansion.....	25, 558, 836

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, unpublished data.

CHAPTER III

All Levels of Education

THE TABLES in this chapter deal with all levels of education, from the nursery school and kindergarten to the university graduate school. Some tables show enrollment in all public and nonpublic educational institutions at the elementary and secondary, and college and university levels; others show the number of teachers and amount of educational expenditures for all levels of education in the United States.

A few tables deal with economic factors, upon which the whole system of American education has an impact. For example, one table shows total educational expenditures as a percentage of the gross national product, and another shows State and local expenditures for education as a percentage of personal income. The relationship between education and lifetime earnings is also shown.

Several tables deal with general topics that are descriptive of the total educational picture in the United States. Examples are tables showing school retention rates, percentage of persons enrolled in school, and educational attainment.

Table 94.—Estimated fall enrollment in educational institutions, by grade level and by type of school: United States, 1963 and 1964¹

[In thousands]

Grade level and type of school	Fall 1963	Fall 1964
1	2	3
Total elementary, secondary, and higher education²	51,600	52,900
Public.....	43,300	44,300
Nonpublic.....	8,300	8,600
Kindergarten through grade 12 (regular and other schools)³	47,100	48,100
Public.....	40,400	41,200
Nonpublic.....	6,700	6,900
Kindergarten through grade 8 (regular and other schools)³	34,900	35,400
Public.....	29,600	29,900
Nonpublic.....	5,400	5,500
Grades 9 through 12 (regular and other schools)³	12,200	12,700
Public.....	10,900	11,300
Nonpublic.....	1,300	1,400
Higher education (total degree-credit enrollment in universities, colleges, professional schools, junior colleges, normal schools, and teachers colleges)	4,500	4,800
Public.....	2,900	3,100
Nonpublic.....	1,600	1,700

¹ The 1963 figures for nonpublic and other elementary and secondary schools, and all 1964 figures, are estimates. In the case of nonpublic elementary and secondary schools, the enrollment data come from Office of Education surveys and from the National Catholic Welfare Conference and are not as complete as those for public schools; consequently, the estimates for nonpublic schools are not as reliable as those for public schools or for higher education. The estimates for 1964 are derived from the increases expected from population changes combined with the long-run trend in school enrollment rates of the population.

² The figures for elementary and secondary schools include an estimated 300,000 children enrolled in other schools, such as Federal schools for Indians, federally operated elementary and secondary schools on posts, subcollegiate departments of colleges, and residential schools for exceptional children. In 1963, the estimated distribution by grade and level was as follows: 170,000 in public K-8; 20,000 in nonpublic K-8; 60,000 in public 9-12; and 40,000 in nonpublic 9-12.

NOTE.—Fall enrollment is usually smaller than school-year enrollment, since the latter is a cumulative figure which includes students who enroll at any time during the year.

Table 95.—Enrollment in educational institutions, by level of instruction and by type of control: United States, 1961-62

Level of instruction, by type of school	All schools	Publicly controlled schools	Privately controlled schools
1	2	3	4
All levels (elementary, secondary, higher).....	¹ 48,368,296	46,687,676	7,584,522
Elementary and secondary.....	44,547,064	38,478,159	6,071,925
Kindergarten-grade 8.....	33,778,112	28,858,404	4,919,708
Grades 9-12 and postgraduate.....	10,768,972	9,616,755	1,152,217
Higher education.....	¹ 3,821,206	2,212,517	1,513,597
Kindergarten.....	2,456,445	2,081,233	375,212
Regular ²	2,437,852	2,064,852	³ 373,000
Subcollegiate departments of institutions of higher education.....	5,450	4,438	1,012
Residential schools for exceptional children ⁴	6,100	4,900	1,200
Federal schools for Indians.....	4,086	4,086	0
Federal schools on Federal installations.....	2,957	2,957	0
Grades 1-8, inclusive.....	31,321,667	26,777,171	4,544,496
Regular ²	31,142,968	26,621,568	⁴ 4,521,400
Subcollegiate departments of institutions of higher education.....	48,359	40,163	8,196
Residential schools for exceptional children ⁴	74,700	59,800	14,900
Federal schools for Indians.....	25,908	25,908	0
Federal schools on Federal installations.....	29,732	29,732	0
Grades 9-12 and postgraduate.....	10,768,972	9,616,755	1,152,217
Regular ²	10,686,853	9,566,253	⁴ 1,119,600
Subcollegiate departments of institutions of higher education.....	39,474	14,357	25,117
Residential schools for exceptional children ⁴	29,800	22,300	7,500
Federal schools for Indians.....	12,051	12,051	0
Federal schools on Federal installations.....	1,794	1,794	0
Higher education.....	¹ 3,821,206	2,212,517	1,513,597
Resident degree-credit enrollment (first term of academic year).....	3,726,114	2,212,517	1,513,597
Undergraduate.....	3,328,288	1,993,270	1,335,018
Graduate.....	397,826	219,247	178,579
Schools of nursing not affiliated with institutions of higher education.....	95,092	(⁵)	(⁵)

¹ Includes 95,092 students in schools of nursing not distributed by type of control.

² Includes enrollments in local public school systems and in nonpublic schools (church affiliated and nonsectarian). Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools.

³ Data from Bureau of the Census, *Current Population Reports*, Series P-20, No. 117.

⁴ Estimates based on preliminary data from 1962-63 survey.

⁵ Estimated.

⁶ Data not available.

Sources: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1961-62: Comprehensive Report on Enrollment in Higher Education, First Term 1961-62*; and unpublished data. U.S. Department of the Interior, Bureau of Indian Affairs, *Statistics Concerning Indian Education*, fiscal year 1962. The National League for Nursing, Inc., New York.

Table 96.—Enrollment in educational institutions, by level of instruction and by type of control: United States, 1899-1900 to 1961-62

Level of instruction, by type of school	Year									
	1899-1900	1900-10	1919-20	1929-30	1939-40	1949-50	1959-60	1961-62		
1										
All levels (elementary, secondary, higher) 1	17,196,841	19,999,146	24,961,778	29,652,377	29,781,263	31,319,271	46,227,039	49,273,196		
Elementary and secondary	16,961,249	19,643,983	23,463,898	28,551,640	28,257,000	29,960,250	42,012,076	44,547,084		
Kindergarten-grade 8	16,291,846	18,528,535	20,963,722	23,739,840	21,127,021	22,207,241	32,412,296	33,778,112		
Grades 9-12 and postgraduate	699,403	1,115,398	2,500,176	4,811,900	7,129,979	6,453,009	9,599,810	10,768,972		
Higher education 1	237,592	355,215	597,880	1,100,737	1,494,203	2,659,021	3,215,544	3,726,114		
Kindergarten	225,394	346,189	510,949	786,463	690,909	1,175,313	2,263,492	2,456,445		
Public 1	131,657	203,970	481,266	723,443	594,647	1,034,208	1,922,712	2,094,852		
Nonpublic 1	93,737	52,219	29,663	54,456	37,941	132,000	354,000	373,000		
Subcollegiate departments of institutions of higher education	(*)	(*)	(*)	(*)	(*)	(*)	78,631	6,450		
Residential schools for exceptional children	(*)	(*)	(*)	3,164	6,777	4,459	104,800	116,100		
Federal schools for Indians	(*)	(*)	(*)	3,400	3,144	3,650	3,967	4,086		
Federal schools on Federal installations	(*)	(*)	(*)	(*)	(*)	(*)	2,142	2,967		
Grades 1-6, inclusive	16,086,432	18,182,346	20,452,773	22,963,377	20,496,112	21,081,929	30,118,774	31,321,667		
Public 1	14,852,202	16,604,921	18,967,661	20,555,150	18,237,431	18,352,603	25,679,190	26,621,568		
Nonpublic 1	1,147,186	1,500,218	1,485,878	2,253,430	2,066,688	2,514,777	4,286,696	4,621,400		

Subcollegiate departments of institutions of higher education.....	(*) 37,062	(*) 71,307	(*) 90,234	(*) 124,113	56,547	35,942	50,949	44,399
Residential schools for exceptional children.....	(*) (1)	(*) (1)	(*) (1)	(*) 18,944	55,904	48,984	36,400	11,74,700
Federal schools on Federal installations.....	(*) (1)	(*) (1)	(*) (1)	(*) (1)	17,222	19,973	24,522	25,908
Grades 9-12 and postgraduate.....	698,408	1,115,396	2,500,176	4,811,900	7,129,979	6,453,009	9,599,810	10,798,972
Public ¹	519,251	915,061	2,200,269	4,399,422	6,801,444	5,724,821	8,494,899	9,598,283
Nonpublic ²	110,797	117,400	213,920	341,156	437,798	672,262	1,035,247	11,119,600
Subcollegiate departments of institutions of higher education.....	65,855	78,932	81,367	59,287	54,070	28,162	43,209	39,474
Residential schools for exceptional children.....	3,500	4,008	4,500	4,368	9,727	9,784	22,900	11,29,800
Federal schools for Indians.....	(*) (1)	(*) (1)	(*) (1)	(*) (1)	6,970	8,080	11,665	12,061
Federal schools on Federal installations.....	(*) (1)	(*) (1)	(*) (1)	(*) (1)	(*) (1)	(*) (1)	1,000	1,704
Higher education ³	237,992	355,215	597,990	1,100,737	1,494,208	2,659,021	3,215,544	3,728,116
Publicly controlled.....	90,089	108,500	315,382	532,647	798,581	1,254,902	1,631,782	1,2,712,517
Privately controlled.....	140,903	198,655	282,608	568,090	697,672	1,404,119	1,583,762	1,5,153,967

¹ Excludes schools of nursing not affiliated with institutions of higher education.
² Data for first term of the academic year.
³ Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools.
⁴ Data for 1911-12.
⁵ Data from Bureau of the Census, *Current Population Reports*, Series P-20, Nos. 43, 101, and 117.
⁶ Data not available.
⁷ Data for 1967-68.
⁸ Data for 1926-27.
⁹ Data for 1945-46.

¹⁰ Estimate based on February 1955 survey.
¹¹ Estimate based on preliminary data from 1952-53 survey.
¹² Estimated.
¹³ Data for 1917-18.
 SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Elementary Survey of Education in the United States; Statistics of State School Systems*; comprehensive reports on Enrollment in Institutions of Higher Education, and unpublished data. U.S. Department of the Interior, Bureau of Indian Affairs, *Statistics Concerning Indian Education*.



Table 97.—Percent of the population 5 to 34 years old enrolled in school, by age:
United States, October 1947 to 1963

Year	Total, 5 to 34 years	5 years ¹	6 years ¹	7 to 9 years	10 to 13 years	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years
1	2	3	4	5	6	7	8	9	10	11	12
1947	42.3	53.4	98.2	98.4	98.6	91.6	67.6	24.3	10.2	3.0	1.0
1948	43.1	55.0	98.2	98.3	98.0	92.7	71.2	26.9	9.7	2.6	.9
1949	43.9	55.1	98.2	98.5	98.7	93.5	80.5	25.3	9.2	3.8	1.1
1950	44.2	51.8	97.0	98.9	98.6	94.7	71.3	29.4	9.0	3.0	.9
1951	45.4	53.8	96.0	99.0	99.2	94.8	75.1	26.3	8.3	2.5	.7
1952	46.8	57.8	96.8	98.7	98.9	95.2	73.4	28.7	9.5	2.6	1.2
1953	48.8	58.4	97.7	99.4	99.4	95.5	74.7	31.2	11.1	2.9	1.7
1954	50.0	57.7	98.8	99.2	99.5	95.8	74.0	32.4	11.2	4.1	1.5
1955	50.8	58.1	98.2	99.2	99.2	95.9	77.4	31.5	11.1	4.2	1.6
1956	52.3	58.9	97.0	99.4	99.2	96.9	74.4	35.4	12.8	5.1	1.9
1957	53.6	60.2	97.4	99.5	99.5	97.1	80.5	34.9	14.0	5.5	1.8
1958	54.8	63.8	97.3	99.5	99.5	98.9	83.6	37.6	13.4	5.7	2.2
1959	55.5	62.9	97.5	99.4	99.4	97.5	82.9	38.8	12.7	5.1	2.2
1960	56.4	63.7	98.0	99.6	99.5	97.8	82.6	38.4	13.1	4.9	2.4
1961	56.8	66.3	97.4	99.4	99.3	97.6	83.6	38.0	13.7	4.4	2.0
1962	57.8	68.8	97.9	99.2	99.3	98.0	84.3	41.8	15.8	5.0	2.6
1963	58.5	67.8	97.4	99.4	99.3	98.4	87.1	40.9	17.3	4.9	2.5

¹ Includes children enrolled in kindergartenSOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-20, No. 126, and unpublished data.

Table 98.—Estimated number of classroom teachers in elementary and secondary schools, and total instructional staff for resident degree-credit courses in institutions of higher education: United States, fall 1963 and 1964¹

[Includes full-time and part-time teachers and staff]

Grade level and type of school	Fall 1963	Fall 1964
1	2	3
Total elementary, secondary, and higher education²	2,165,000	2,226,000
Public.....	1,787,000	1,848,000
Nonpublic.....	368,000	378,000
Elementary and secondary classroom teachers in regular and other schools³	1,803,000	1,856,000
Public.....	1,563,000	1,643,000
Nonpublic.....	240,000	213,000
Elementary classroom teachers in regular and other schools³	1,058,000	1,093,000
Public.....	921,000	958,000
Nonpublic.....	137,000	140,000
Secondary classroom teachers in regular and other schools³	745,000	763,000
Public.....	672,000	690,000
Nonpublic.....	73,000	73,000
Higher education instructional staff for resident degree-credit courses (1st term)⁴	352,000	370,000
Public.....	194,000	205,000
Nonpublic.....	158,000	165,000

¹ The 1963 figures for nonpublic and other elementary and secondary schools, and all 1964 figures are estimates. Data for nonpublic elementary and secondary schools are not as complete as those for public schools, consequently, the estimates for nonpublic schools are not as reliable as those for public schools or for higher education. The estimates for 1964 are derived from expected enrollment increases combined with the long-run trend in pupil-teacher ratios.

² The figures for elementary and secondary schools include elementary and secondary classroom teachers in regular public and nonpublic schools and other schools, such as Federal schools for Indians, federally operated schools on posts, subcollegiate departments of colleges, and residential schools for exceptional children. In 1963, the number of such teachers is estimated to be 12,000 in public and 2,000 in nonpublic elementary schools, and 4,000 in public and 3,000 in nonpublic secondary schools.

³ Includes full-time and part-time staff with rank of instructor or above, and junior instructional staff such as graduate assistants, for resident instruction in degree-credit courses.

Table 99.—Number of teachers¹ in elementary and secondary schools, and instructional staff members² in institutions of higher education: United States, 1922-30 to 1961-62

Type of institution, by level	1929-30		1939-40		1949-50		1959-60		1961-62	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
	2	3	4	5	6	7	8	9	10	11
All levels.....	216,275	818,758	298,331	799,752	367,496	868,082	657,706	1,173,550	728,377	1,255,301
ELEMENTARY AND SECONDARY SCHOOLS.....	154,983	795,178	212,084	769,182	221,635	823,590	430,436	1,119,314	478,245	1,194,661
Elementary schools (including kindergartens) ¹	68,705	633,819	70,187	569,960	58,407	607,258	124,566	828,865	134,887	875,160
Public.....	67,239	573,718	67,140	508,060	52,925	536,653	117,816	716,186	127,177	750,130
Nonpublic.....	1,466	60,101	3,047	61,900	5,482	70,605	6,950	112,709	7,710	125,030
Secondary schools (including junior, senior, junior-senior, and regular high schools) ¹	82,689	152,405	138,384	192,023	168,536	207,741	299,239	277,921	336,758	307,229
Public.....	74,532	138,774	126,837	173,440	142,043	182,050	275,054	246,132	309,398	271,259
Nonpublic.....	8,157	13,631	11,547	18,583	16,493	25,691	24,185	31,789	27,360	35,970
Miscellaneous elementary and secondary schools: Subcollegiate departments of colleges.....	1,564	1,251	1,998	1,753	3,031	2,785	3,973	5,739	3,452	4,299
Publicly controlled.....	339	246	524	1,369	1,447	1,651	2,222	3,935	1,852	2,974
Privately controlled.....	1,225	1,005	1,474	1,384	1,584	1,134	1,751	1,804	1,600	1,325
Residential schools for exceptional children.....	1,578	6,571	1,107	4,999	1,148	4,771	1,900	5,600	2,400	6,800
Federal schools for Indiana.....	447	1,132	438	947	513	1,035	758	1,189	748	1,173
HIGHER EDUCATION.....	61,292	23,580	89,247	30,570	145,861	44,492	227,270	54,236	250,132	60,940
Publicly controlled.....	25,401	12,904	35,702	14,311	66,492	21,245	116,836	27,705	130,946	31,957
Privately controlled.....	35,891	10,676	50,545	16,259	79,369	23,247	110,434	26,531	119,486	28,983

¹ Number of teaching positions: includes librarians and guidance and psychological personnel when not separately reported; excludes supervisors and principals.
² Includes faculty for resident instruction in degree-credit courses; excludes faculty engaged in administration, research, extension work, etc.
³ Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools.
⁴ Data for 1927-28.
⁵ Estimated.
⁶ Data for 1926-27.
⁷ Distribution by sex estimated.
⁸ Data for 1945-46.
⁹ Data for first term of academic year.
 NOTE.—Beginning in 1959-60, includes Alaska and Hawaii.
 SOURCE: U. S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States; Statistics of State School Systems; Faculty and Other Professional Staff in Institutions of Higher Education*; and unpublished data.



Table 100.—Number of local basic administrative units (school districts), and number of schools of specified types, by State: 1961-62

Region and State	Public school systems			Nonpublic schools		Institutions of higher education ¹		Schools of nursing not affiliated with colleges and universities ²	
	Number of school districts	Elementary schools		Secondary schools ³	Elementary	Secondary ⁴	Public		Private
		Total	One-teacher						
1	2	3	4	5	6	7	8	9	10
United States.....	35, 876	81, 910	13, 333	25, 350	14, 762	4, 129	721	1, 316	845
North Atlantic.....	4, 529	14, 771	491	4, 009	4, 842	1, 546	137	447	347
Connecticut.....	177	805	2	223	234	101	6	26	17
Delaware.....	91	145	17	64	41	16	2	2	6
Maine.....	457	928	150	177	60	60	7	15	6
Maryland.....	24	826	11	276	406	90	18	23	17
Massachusetts.....	390	1, 741	4	672	513	228	19	70	50
New Hampshire.....	230	383	35	95	88	49	5	6	11
New Jersey.....	591	1, 743	78	366	533	133	9	29	35
New York.....	1, 259	3, 493	178	1, 479	430	430	45	125	96
Pennsylvania.....	1, 007	3, 881	118	1, 289	1, 289	323	16	111	99
Rhode Island.....	41	70	1	112	29	2	2	10	5
Vermont.....	261	407	61	84	34	27	5	11	3
District of Columbia.....	1	134	.....	42	56	31	3	19	4
Great Lakes and Plains.....	21, 732	39, 015	8, 787	7, 902	5, 537	1, 211	189	403	279
Illinois.....	1, 496	3, 723	21	873	1, 007	184	21	88	65
Indiana.....	854	1, 850	33	759	396	56	6	35	17
Iowa.....	1, 391	1, 772	352	666	373	114	19	32	23
Kansas.....	2, 304	2, 080	7, 539	604	221	43	21	24	18
Michigan.....	1, 830	2, 962	316	944	733	230	24	39	22
Minnesota.....	2, 271	2, 417	1, 067	619	506	305	15	27	18
Missouri.....	1, 633	2, 472	436	665	487	100	14	46	20
Nebraska.....	3, 289	3, 046	2, 041	482	247	65	10	13	11
North Dakota.....	1, 003	924	652	337	89	27	11	2	7
Ohio.....	2, 981	3, 058	1, 812	1, 092	706	160	9	61	51
South Dakota.....	1, 861	3, 449	1, 482	1, 273	102	27	7	9	7
Wisconsin.....	1, 861	3, 449	1, 482	1, 273	102	27	7	9	7

See footnotes at end of table.

Table 100.—Number of local basic administrative units (school districts), and number of schools of specified types, by State: 1961-62—Continued

Region and State	Number of school districts		Public school systems			Nonpublic schools		Institutions of higher education ¹		Schools of nursing not affiliated with colleges and universities ²
	2	3	Elementary schools		Secondary schools ³	Elementary	Secondary ⁴	Public	Private	
			Total	One-teacher						
1										
1	1,889	19,777	2,419	2,419	7,312	1,739	657	159	276	152
1	114	1,959	136	136	1,290	141	37	9	17	10
1	418	1,017	73	73	1,588	74	21	8	11	6
1	67	1,377	23	23	563	341	108	28	15	7
1	197	1,641	9	9	606	74	35	20	25	14
1	209	2,501	993	993	429	260	81	8	29	12
1	67	1,166	12	12	660	264	105	10	11	6
1	165	1,023	48	48	552	62	44	25	20	8
1	173	1,977	25	25	870	129	47	16	42	28
1	108	1,004	7	7	418	68	29	6	24	12
1	154	2,280	299	299	554	128	52	7	39	12
1	132	1,777	162	162	477	137	76	11	24	25
1	55	2,055	632	632	365	64	22	11	9	12
West and South west	7,856	17,347	1,676	1,676	6,127	2,524	715	228	199	87
Alaska	30	154	55	55	39	21	9	1	1	1
Arizona	306	532	38	38	94	114	26	5	2	3

California.....	1,651	4,960	213	951	1,051	279	79	82	21
Colorado.....	322	892	67	397	154	42	13	8	0
Hawaii.....	1	171	8	62	87	27	1	3	2
Idaho.....	119	411	31	221	53	12	5	4	1
Montana.....	1,183	1,111	899	192	71	20	8	3	2
Nevada.....	17	175	28	53	18	2	1	2	1
New Mexico.....	91	491	47	182	101	34	7	2	1
Oklahoma.....	1,219	1,754	238	916	96	31	24	10	9
Oregon.....	480	990	54	280	139	35	9	15	4
Texas.....	1,485	3,785	87	1,999	487	117	50	45	25
Utah.....	40	396	15	166	20	10	4	4	3
Washington.....	413	1,149	55	459	196	69	15	12	10
Wyoming.....	199	396	171	126	16	2	6	12	10
U.S. Service Schools.....									
Outlying areas.....									
American Samoa.....	1	46	2	7	7	1	8		
Canal Zone.....	1	14		6	1				
Guam.....	1	21		4	6		1		
Puerto Rico.....	1	1,874	567	406	142	7	1	4	8
Virgin Islands.....	1	25	6	3	13	3	1		

1 Includes universities, liberal arts colleges, teachers colleges and other independent professional schools, and junior colleges.
 2 Includes regular 4-year high schools, junior high schools, senior high schools, and junior-senior high schools.
 3 Data as of October 1961, supplied by the National League for Nursing, Inc.
 4 Included with elementary schools are 767 schools which could not be classified.
 5 Estimated by State.
 6 In those instances where two or more school districts have organized into jointures for purposes of operating schools, the larger operating unit (jointure) is the administrative unit counted here.

7 Represents only one-teacher schools in districts operating no school other than a one-teacher school.
 8 Georgia has 198 school districts; however, one independent (city) district operates as part of the county in which it is located.

SOURCES: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State Schools Systems, 1961-62*; and *Comprehensive Report on Enrollment in Higher Education, First Term 1961-62*. The National League for Nursing, Inc., New York.

Table 101.—Estimated retention rates,¹ 5th grade through college entrance, in public and nonpublic schools: United States, 1924-32 to 1956-64

School year pupils entered 5th grade	Retention per 1,000 pupils who entered 5th grade											Year of high school graduation	First-time college students
	5th grade through 12th grade												
	5th grade	6th grade	7th grade	8th grade	9th grade	10th grade	11th grade	12th grade	High school graduates	10	11		
1924-25	1,000	911	798	741	612	470	384	344	302	1923	118		
1926-27	1,000	919	824	754	677	552	453	400	333	1924	129		
1928-29	1,000	930	847	805	736	624	498	432	378	1926	137		
1930-31	1,000	943	872	824	770	652	529	463	417	1928	148		
1932-33	1,000	935	859	831	786	664	570	510	455	1930	160		
1934-35	1,000	953	892	842	803	711	610	512	467	1942	129		
1936-37	1,000	954	895	849	839	704	584	425	393	1944	121		
1938-39	1,000	955	908	853	796	655	532	444	419	1946	(*)		
1940-41	1,000	968	910	865	781	697	566	507	481	1948	(*)		
1942-43	1,000	954	909	847	807	713	604	539	505	1950	206		
1944-45	1,000	952	929	858	848	748	650	549	522	1952	224		
1946-47	1,000	954	919	872	819	775	641	563	553	1954	283		
1948-49	1,000	964	945	929	863	795	706	619	581	1956	301		
1950-51	1,000	981	968	921	886	809	709	632	582	1958	308		
1952-53	1,000	974	965	936	904	835	746	667	621	1960	328		
1954-55	1,000	980	979	949	918	855	759	684	642	1962	* 343		
1956-57	1,000	985	984	948	930	871	785	724	667	1964	* 357		

¹ Rates for the 5th grade through high school graduation are based on enrollments in successive grades in successive years in public elementary and secondary schools and are adjusted to include estimates for nonpublic schools. Rates for first-time college enrollment are based on data supplied to the Office of Education by institutions of higher education.
² Retention rates not calculated because of the influx of veterans in institutions of higher education.
³ Revised since originally published.
⁴ Preliminary data.
 SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*, chapters on Statistical Summary of Education; and unpublished data available in the Office of Education.

Table 102.—Level of school completed by persons 25 years old and over and 25 to 29 years old, by color: United States, 1940 to 1962

Date, age, and color	Percent by level of school completed			Median school years completed
	Less than 8 years of elementary school	4 years of high school or more	4 or more years of college	
1	2	3	4	5
WHITE AND NONWHITE				
25 years and over:				
March 1962.....	7.8	46.3	8.9	11.4
March 1959.....	8.0	42.9	7.9	11.0
March 1957.....	9.0	40.8	7.5	10.6
October 1962.....	9.1	38.4	6.9	10.1
April 1950.....	10.8	33.4	6.0	9.3
April 1947.....	10.4	32.6	5.4	9.0
April 1940.....	13.5	24.1	4.6	8.4
25 to 29 years:				
March 1962.....	2.4	65.9	13.1	12.4
March 1959.....	3.0	63.3	11.0	12.3
October 1962.....	3.8	56.7	10.0	12.2
April 1950.....	4.6	51.7	7.7	12.1
April 1940.....	5.9	37.8	5.8	10.4
NONWHITE				
25 years and over:				
March 1962.....	22.1	24.8	4.0	8.6
March 1959.....	23.5	20.0	3.2	8.1
March 1957.....	26.9	17.8	2.8	7.7
October 1962.....	30.3	14.7	2.4	7.1
April 1950.....	31.5	13.2	2.2	6.8
April 1947.....	31.4	13.2	2.4	6.9
April 1940.....	41.1	7.5	1.8	5.8
25 to 29 years:				
March 1962.....	6.1	41.6	4.2	11.2
March 1959.....	7.8	39.1	4.6	10.9
October 1962.....	15.2	27.8	4.6	9.3
April 1950.....	15.6	22.9	2.8	8.7
April 1940.....	26.7	12.1	1.3	7.1

NOTE.—Beginning in 1962, includes Alaska and Hawaii. Data for 1962 are not strictly comparable with earlier years.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-20, No. 99 and No. 121.

Table 103.—Median school years completed by persons 25 years old and over, by region, division, and State: 1960

Region, division, and State	Median school years completed				
	Total			White	Non-white
	Both sexes	Male	Female		
1	2	3	4	5	6
United States.....	10.6	10.3	10.9	10.9	8.2
REGION					
Northeast.....	10.7	10.5	10.8	10.8	9.2
North Central.....	10.7	10.3	11.0	10.8	9.0
South.....	9.6	9.1	9.9	10.4	7.1
West.....	12.0	11.8	12.1	12.1	10.0
Northeast:					
New England.....	11.2	10.9	11.5	11.2	9.8
Middle Atlantic.....	10.5	10.4	10.6	10.7	9.1
North Central:					
East North Central.....	10.7	10.4	10.9	10.9	9.0
West North Central.....	10.7	10.0	11.3	10.8	8.9
South:					
South Atlantic.....	9.8	9.3	10.2	10.7	7.1
East South Central.....	8.8	8.6	9.0	9.3	6.7
West South Central.....	9.9	9.6	10.2	10.6	7.3
West:					
Mountain.....	12.0	11.5	12.1	12.0	8.4
Pacific.....	12.0	11.9	12.1	12.1	10.3
DIVISION					
New England:					
Maine.....	11.0	10.5	11.5	11.0	10.7
New Hampshire.....	10.9	10.5	11.3	10.9	11.7
Vermont.....	10.9	10.0	11.6	10.9	10.5
Massachusetts.....	11.6	11.3	11.8	11.6	10.3
Rhode Island.....	10.0	10.0	10.0	10.0	9.5
Connecticut.....	11.0	10.8	11.3	11.1	9.1
Middle Atlantic:					
New York.....	10.7	10.6	10.7	10.8	9.4
New Jersey.....	10.6	10.6	10.7	10.8	8.8
Pennsylvania.....	10.2	10.0	10.4	10.3	8.9
East North Central:					
Ohio.....	10.9	10.6	11.1	11.0	9.1
Indiana.....	10.8	10.5	11.0	10.9	9.0
Illinois.....	10.5	10.4	10.6	10.7	9.0
Michigan.....	10.8	10.4	11.1	11.0	9.1
Wisconsin.....	10.4	9.8	10.9	10.4	9.0
West North Central:					
Minnesota.....	10.8	9.9	11.6	10.8	9.1
Iowa.....	11.3	10.4	12.0	11.3	9.5
Missouri.....	9.6	9.3	9.9	9.8	8.7
North Dakota.....	9.3	8.9	10.8	9.3	8.4
South Dakota.....	10.4	9.0	11.6	10.5	8.6
Nebraska.....	11.6	10.9	12.0	11.7	9.6
Kansas.....	11.7	11.2	12.0	11.8	9.6

Table 103.—Median school years completed by persons 25 years old and over, by region, division, and State: 1960—Continued

Region, division, and State	Median school years completed				
	Total			White	Non-white
	Both sexes	Male	Female		
1	2	3	4	5	6
DIVISION—Continued					
South Atlantic:					
Delaware.....	11.1	10.8	11.3	11.6	8.4
Maryland.....	10.4	10.2	10.6	11.0	8.1
District of Columbia.....	11.7	11.3	11.9	12.4	9.8
Virginia.....	9.9	9.2	10.5	10.8	7.2
West Virginia.....	8.8	8.7	8.9	8.8	8.4
North Carolina.....	8.9	8.5	9.5	9.8	7.0
South Carolina.....	8.7	8.4	9.1	10.3	8.9
Georgia.....	9.0	8.8	9.3	10.3	6.1
Florida.....	10.9	10.6	11.1	11.6	7.0
East South Central:					
Kentucky.....	8.7	8.5	8.8	8.7	8.2
Tennessee.....	8.8	8.6	9.0	9.0	7.5
Alabama.....	9.1	8.9	9.3	10.2	6.5
Mississippi.....	8.9	8.6	9.3	11.0	6.0
West South Central:					
Arkansas.....	8.9	8.7	9.1	9.5	6.5
Louisiana.....	8.8	8.6	9.0	10.5	6.0
Oklahoma.....	10.4	10.1	10.7	10.7	8.6
Texas.....	10.4	10.1	10.7	10.8	8.1
Mountain:					
Montana.....	11.6	10.7	12.1	11.8	8.7
Idaho.....	11.8	11.2	12.1	11.8	9.6
Wyoming.....	12.1	11.6	12.2	12.1	9.3
Colorado.....	12.1	11.9	12.1	12.1	11.2
New Mexico.....	11.2	11.0	11.5	11.5	7.1
Arizona.....	11.3	11.0	11.6	11.7	7.0
Utah.....	12.2	12.2	12.2	12.2	10.1
Nevada.....	12.1	12.0	12.2	12.2	8.8
Pacific:					
Washington.....	12.1	11.8	12.1	12.1	10.5
Oregon.....	11.8	11.2	12.1	11.8	9.9
California.....	12.1	12.0	12.1	12.1	10.5
Alaska.....	12.1	12.1	12.2	12.4	6.6
Hawaii.....	11.3	11.0	11.6	12.4	9.9

SOURCE: U.S. Department of Commerce, Bureau of the Census, *U.S. Census of Population: 1960, PC(1)*

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Table 104.—Number of persons 25 years old and over with less than 5 years of school completed, by State and by color: 1960

[Numbers in thousands]

State	Resident population 25 years old and over ¹								
	White and nonwhite			White			Nonwhite		
	Total	Persons with less than 5 years of school completed		Total	Persons with less than 5 years of school completed		Total	Persons with less than 5 years of school completed	
		Number	Per cent		Number	Per cent		Number	Per cent
1	2	3	4	5	6	7	8	9	10
United States.....	99,439	8,362.6	8.3	89,582	8,068.7	8.7	9,857	2,313.9	23.5
Alabama.....	1,670	273.0	16.3	1,232	115.4	9.4	438	157.6	36.0
Alaska.....	105	8.6	8.2	86	1.1	1.3	19	7.5	39.5
Arizona.....	661	66.3	10.0	609	46.7	7.7	52	19.6	37.7
Arkansas.....	964	148.2	15.4	786	83.6	10.6	178	64.6	36.3
California.....	8,889	505.0	5.7	8,221	427.3	5.2	668	77.8	12.0
Colorado.....	941	44.1	4.7	914	41.9	4.6	27	2.2	8.1
Connecticut.....	1,482	93.4	6.3	1,427	87.1	6.1	55	6.4	11.6
Delaware.....	246	16.3	6.6	215	9.8	4.6	31	6.5	21.0
District of Columbia.....	461	33.2	7.2	239	8.3	3.5	222	24.8	11.2
Florida.....	2,845	261.4	9.2	2,427	128.8	5.3	418	132.6	31.7
Georgia.....	2,015	355.3	17.6	1,811	155.2	10.3	504	200.1	39.7
Hawaii.....	309	46.4	15.0	96	5.0	5.2	213	41.4	19.4
Idaho.....	340	11.2	3.3	336	10.5	3.1	4	.7	17.5
Illinois.....	5,808	365.4	6.3	5,267	290.7	5.5	541	74.6	13.8
Indiana.....	2,550	123.8	4.9	2,413	105.6	4.4	137	18.2	13.3
Iowa.....	1,541	46.2	3.0	1,527	44.5	2.9	14	1.7	12.1
Kansas.....	1,216	44.7	3.7	1,166	38.8	3.3	50	5.8	11.6
Kentucky.....	1,610	222.5	13.8	1,494	195.0	13.1	116	27.6	23.8
Louisiana.....	1,639	348.8	21.3	1,175	159.0	13.5	464	189.8	40.9
Maine.....	534	26.0	4.7	532	24.8	4.7	2	.2	10.0
Maryland.....	1,693	139.8	7.7	1,436	79.2	5.5	257	50.6	19.7
Massachusetts.....	3,011	180.1	6.0	2,946	173.8	5.9	65	6.3	9.7
Michigan.....	4,217	244.3	5.8	3,845	195.6	5.1	372	48.7	13.1
Minnesota.....	1,845	74.3	4.0	1,825	72.6	4.0	20	1.7	8.5
Mississippi.....	1,065	200.7	18.8	662	48.7	7.1	393	151.9	39.7
Missouri.....	2,493	175.8	7.1	2,289	140.8	6.2	204	35.1	17.2
Montana.....	356	14.6	4.1	347	13.3	3.8	9	1.4	15.6
Nebraska.....	791	28.6	3.6	773	26.8	3.5	18	1.8	10.0
Nevada.....	160	6.2	3.9	150	4.4	2.9	10	1.8	18.0
New Hampshire.....	345	15.1	4.4	344	15.0	4.4	1	.1	10.0
New Jersey.....	3,600	250.8	7.0	3,327	210.7	6.3	273	40.1	14.7
New Mexico.....	445	54.0	12.2	417	42.9	10.3	28	11.1	39.6
New York.....	10,124	785.0	7.8	9,300	687.4	7.4	824	97.6	11.8
North Carolina.....	2,307	390.1	16.5	1,811	221.5	12.2	496	158.5	32.0
North Dakota.....	324	19.4	6.0	319	18.7	5.9	5	.7	14.0
Ohio.....	5,378	292.4	5.4	4,969	233.1	4.7	409	59.2	14.5
Oklahoma.....	1,300	111.6	8.6	1,196	90.8	7.6	104	20.8	20.0
Oregon.....	996	33.0	3.3	978	30.7	3.1	18	2.3	12.8
Pennsylvania.....	6,606	453.2	6.9	6,148	368.8	6.3	458	66.4	14.5
Rhode Island.....	498	37.0	7.4	499	36.0	7.4	9	1.0	11.1
South Carolina.....	1,136	230.8	20.3	802	93.1	11.6	334	137.7	41.2
South Dakota.....	360	14.7	4.1	349	13.6	3.9	11	1.1	90.0
Tennessee.....	1,912	262.1	14.8	1,626	202.6	12.5	286	79.5	27.8
Texas.....	5,031	672.2	13.4	4,443	533.5	12.0	588	138.8	23.6
Utah.....	419	11.7	2.8	412	10.3	2.5	7	1.5	21.4
Vermont.....	213	8.1	3.8	212	8.0	3.8	(7)	(7)	(7)
Virginia.....	2,063	273.5	13.1	1,667	154.9	9.3	396	116.6	29.4
Washington.....	1,577	53.8	3.4	1,528	48.1	3.1	49	5.8	11.8
West Virginia.....	1,000	109.8	11.0	964	99.0	10.4	46	10.8	23.5
Wisconsin.....	2,178	115.0	5.3	2,135	110.1	5.2	40	4.9	12.2
Wyoming.....	174	6.3	3.6	171	6.0	3.5	3	.3	10.0

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Footnotes for table 104.

¹ Includes institutional population but excludes Armed Forces overseas.

² Fewer than 500 persons. Percentage not computed.

NOTE:—Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *U.S. Census of Population: 1960, PC(1)C Series*.

Table 105.—Percent of population 25 years old and over with at least 4 years of high school and with at least 4 years of college, by State: 1960

State	4 years of high school or more	4 years of college or more	State	4 years of high school or more	4 years of college or more
1	2	3	1	2	3
United States.....	41.1	7.7	Missouri.....	36.6	6.2
Alabama.....	30.4	5.7	Montana.....	47.8	7.5
Alaska.....	54.7	9.5	Nebraska.....	47.7	6.8
Arizona.....	45.7	9.1	Nevada.....	53.3	8.3
Arkansas.....	28.9	4.8	New Hampshire.....	42.9	7.1
California.....	51.5	9.8	New Jersey.....	40.7	8.4
Colorado.....	52.0	10.7	New Mexico.....	45.4	9.8
Connecticut.....	43.9	9.5	New York.....	40.8	8.9
Delaware.....	43.4	10.1	North Carolina.....	32.3	6.3
District of Columbia.....	47.8	14.3	North Dakota.....	38.9	5.6
Florida.....	42.6	7.8	Ohio.....	42.0	7.0
Georgia.....	31.9	6.2	Oklahoma.....	40.5	7.9
Hawaii.....	46.1	9.0	Oregon.....	48.4	8.5
Idaho.....	48.6	7.2	Pennsylvania.....	38.1	6.4
Illinois.....	40.4	7.3	Rhode Island.....	35.0	6.6
Indiana.....	41.8	6.3	South Carolina.....	30.4	6.9
Iowa.....	46.3	6.4	South Dakota.....	42.1	5.7
Kansas.....	48.2	8.2	Tennessee.....	30.4	5.5
Kentucky.....	27.6	4.9	Texas.....	39.6	8.0
Louisiana.....	32.3	6.7	Utah.....	55.8	10.2
Maine.....	43.3	5.5	Vermont.....	42.8	7.3
Maryland.....	40.0	9.3	Virginia.....	37.9	8.4
Massachusetts.....	47.0	8.8	Washington.....	51.5	9.3
Michigan.....	40.9	6.8	West Virginia.....	30.5	5.2
Minnesota.....	43.9	7.5	Wisconsin.....	41.6	6.7
Mississippi.....	29.8	5.6	Wyoming.....	52.1	8.7

SOURCE: U.S. Department of Commerce, Bureau of the Census, *U.S. Census of Population: 1960, PC(1)C Series*.

Table 106.—Illiteracy¹ in the population: United States, 1870 to 1960

Year	Percent illiterate ²	Year	Percent illiterate ²
1	2	1	2
1870.....	20.0	1920.....	6.0
1880.....	17.0	1930.....	4.3
1890.....	13.3	1940.....	2.9
1900.....	10.7	1950.....	3.2
1910.....	7.7	1960.....	2.4

¹ Illiteracy is defined as "the inability to read and write a simple message either in English or in any other language."

² Percentages refer to the population 10 years old and over from 1870 to 1940, and to the population 14 years old and over in 1950 and 1960.

³ Estimated.

NOTE.—Beginning in 1960, includes Alaska and Hawaii.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Historical Statistics of the United States, Colonial Times to 1867*; and *Current Population Reports, Series P-23, No. 8*.

Table 107.—Annual mean income (or earnings)¹ for males 25 years of age and over, by years of school completed: United States, selected years, 1939 to 1961

Years of school completed	1939	1946	1949	1956	1961
1	2	3	4	5	6
Elementary:					
Total.....	\$1,096	\$2,041	\$2,904	\$3,041	\$3,544
Less than 8 years ²	(³)	1,738	2,062	2,574	2,998
8 years.....	(³)	2,327	2,829	3,631	4,206
High school:					
1 to 3 years.....	1,379	2,449	3,226	4,367	5,161
4 years.....	1,661	2,939	3,784	5,183	5,946
College:					
1 to 3 years.....	1,931	3,654	4,423	5,997	7,348
4 years or more.....	2,607	4,527	6,179	7,877	9,817

¹ Data for 1939 are restricted to persons reporting \$1.00 or more of wage or salary income and less than \$50 of other income and to native white and Negro males 26 to 64 years old only. Data for 1946 represent total money earnings. Data for 1949, 1956, and 1961 represent total money income.

² Includes persons reporting no years of school completed, not shown separately.

³ Information not available.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States*, and unpublished data.

Table 108.—Estimated lifetime income for males, by years of school completed: United States, 1949, 1956, and 1961

Years of school completed	1949	1956	1961
	2	3	4
Income, age 18 to death			
Elementary:			
Total.....	\$113,330	\$152,882	\$176,008
Less than 8 years.....	98,222	131,432	151,848
8 years.....	132,683	178,825	204,530
High school:			
1 to 3 years.....	152,068	201,784	234,960
4 years.....	185,279	244,102	272,629
College:			
1 to 3 years.....	209,282	278,130	333,641
4 years or more.....	296,377	372,693	452,518
Income from age 25 to 64			
Elementary:			
Total.....	91,932	125,404	145,519
Less than 8 years.....	79,654	107,132	124,930
8 years.....	106,889	146,059	168,810
High school:			
1 to 3 years.....	121,943	166,212	193,082
4 years.....	148,649	199,463	224,417
College:			
1 to 3 years.....	173,166	232,317	273,049
4 years or more.....	241,427	310,597	360,604

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States*; and unpublished data.

Table 109.—Receipts of educational institutions, by source, type of control, and level of instruction: United States, 1959-60
(In thousands of dollars)

Receipts, by source and type of control of institution	Elementary and secondary education ¹				Higher education ¹						
	All levels		Revenue	Non-revenue	Total	Educa-tional and general	Plant expansion ²	Non-expendable funds ³	Auxiliary enterprises	Student aid ⁴	
	2	3									4	5	6	7	8	9	10	11
Total	\$27,109,261	\$19,854,069	\$17,229,823	\$2,615,797	\$7,234,202	\$4,698,253	\$1,979,999	\$468,726	\$1,064,293	\$92,993	
Publicly controlled	21,452,618	17,443,462	14,827,785	2,615,707	4,039,126	2,699,115	717,266	96,051	543,985	40,580	
Government.....	19,831,472	17,373,049	14,757,942	2,615,707	2,457,823	2,028,125	397,667	11,826	.....	20,186
Federal.....	1,323,861	732,806	732,806	.....	591,056	542,536	48,519	(⁵)	.....	(⁶)
State.....	7,419,226	5,768,047	5,768,047	.....	1,651,179	1,328,335	312,844	(⁵)	.....	(⁶)
Local (including county).....	11,059,344	10,572,796	8,257,090	2,615,707	153,558	147,254	26,304	(⁵)	.....	(⁶)
Student fees.....	387,080	.....	.....	.....	353,896	329,825	23,990	68	.....	(⁶)
Private gifts and grants.....	177,746	.....	.....	.....	141,077	84,223	19,800	18,801	.....	17,245
All other sources.....	1,086,340	.....	.....	.....	1,086,340	224,954	273,929	28,351	543,985	2,111
Privately controlled	5,704,943	.....	.....	(⁷)	2,786,076	2,020,226	262,535	399,694	460,297	52,323
Government.....	594,392	.....	.....	.....	594,392	534,056	15,748	8,726	.....	4,063
Federal.....	503,533	.....	.....	.....	503,533	494,454	9,079	(⁵)	.....	(⁶)
State.....	42,810	.....	.....	.....	42,810	28,141	6,669	(⁵)	.....	(⁶)
Local (including county).....	4,461	.....	.....	.....	4,461	4,461	.....	(⁵)	.....	(⁶)
Student fees.....	.....	.....	.....	.....	832,745	827,059	5,687	19	.....	(⁶)
Private gifts and grants.....	.....	.....	.....	.....	692,521	297,337	176,808	190,346	.....	28,220
All other sources.....	5,142,251	.....	.....	(⁷)	1,205,418	360,196	162,111	200,566	460,297	18,231

¹ Includes income of \$92,439,000 for Federal schools for Indians and \$19,229,000 for Federal schools on Federal installations. Excludes residential schools for exceptional children.
² Includes subcollegiate departments of institutions of higher education. Excludes schools of nursing not affiliated with colleges and universities.
³ Excludes transfers from current and other funds.
⁴ Includes receipts not reported by governmental level.
⁵ Tuition and transportation fees from patrons.
⁶ Data not available.
⁷ Estimated on the basis of expenditure per pupil in public elementary and secondary schools.
⁸ Included in column 4.
 NOTE.—Because of rounding, detail may not add to totals.
 SOURCES: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1959-60*, and *Financial Statistics of Institutions of Higher Education, 1959-60*; U.S. Department of the Interior, Bureau of Indian Affairs; and unpublished data available in the Office of Education.



Table 110.—Estimated expenditures for education, by level of instruction and type of control: United States, 1962-63 and 1963-64¹

[In billions of dollars]

Level of instruction and type of control	1962-63			1963-64		
	Total	Current expenditures and interest ²	Capital outlay	Total	Current expenditures and interest ²	Capital outlay
1	2	3	4	5	6	7
Total elementary, secondary, and higher education ³	\$31.0	\$26.0	\$5.0	\$33.7	\$28.4	\$5.3
Public	24.9	20.8	4.1	27.1	22.7	4.4
Nonpublic	6.1	5.2	0.9	6.6	5.7	0.9
Elementary and secondary regular and other schools ⁴	22.1	18.9	3.2	24.1	20.6	3.5
Public	19.5	16.7	2.8	21.3	18.2	3.1
Nonpublic	2.6	2.2	0.4	2.8	2.4	0.4
Higher education ⁴	8.9	7.1	1.8	9.6	7.8	1.8
Public	5.3	4.0	1.3	5.8	4.5	1.3
Nonpublic	3.6	3.1	0.5	3.8	3.3	0.5

Distribution of expenditures for higher education, by type of fund

	Total	Expenditures from current funds	Expenditures from plant funds	Total	Expenditures from current funds	Expenditures from plant funds
Higher education ⁴	\$8.9	\$7.3	\$1.6	\$9.6	\$8.0	\$1.6
Public	5.3	4.2	1.1	5.8	4.7	1.1
Educational and general		3.4			3.9	
Auxiliary enterprises and student aid		0.8			.8	
Nonpublic	3.6	3.1	0.5	3.8	3.3	0.5
Educational and general		2.4			2.6	
Auxiliary enterprises and student aid		0.7			.7	

¹ These estimates are based on data shown in the Office of Education publications, *Statistics of State School Systems*, *Statistics of Higher Education*, and *Bond Sales for Public School Purposes*. Current expenditures of public elementary and secondary schools and all institutions of higher education are derived from the increases expected from enrollment changes combined with the long-run trend in current expenditures per pupil. Capital outlay for public elementary and secondary schools is derived from data on public school bond sales, and capital outlay for all institutions of higher education is derived from the 1954 to 1960 average expenditure per student combined with expected enrollment changes. All estimates of expenditures for nonpublic and other elementary and secondary schools are based on the assumption that expenditures per teacher (including donated services) are the same as for public schools. Previous estimates of the cost of education in nonpublic schools were based on the assumption that per pupil costs in nonpublic were the same as for public schools. Since the pupil-teacher ratio is higher in nonpublic than in public schools, the previous estimates were higher than those shown here.

² Includes estimates for interest as follows:

[In millions of dollars]

	Elementary-secondary		Higher education	
	Public	Private	Public	Private
1962-63	\$625	\$63	\$56	\$34
1963-64	670	67	63	35

³ Includes other elementary and secondary schools such as residential schools for exceptional children, Federal schools for Indians, federally operated elementary and secondary schools on posts, and subcollegiate departments of colleges. Expenditures for these schools were estimated as follows:

[In millions of dollars]

	Total	Public	Private
1962-63	\$249	\$187	\$62
1963-64	272	207	65

⁴ Excludes an estimated expenditure of \$40 million by public and \$20 million by private subcollegiate departments of institutions of higher education. These amounts were included with other elementary and secondary school expenditures.

Note.—Because of rounding, detail may not add to totals.

Table 111.—Expenditures for education, including capital outlay, by level of instruction and by type of control: United States, 1959-60

(In thousands of dollars)

Expenditure, by level of instruction	Total	Publicly controlled	Privately controlled
1	2	3	4
All levels (elementary, secondary, higher) ¹	\$24,722,464	\$19,447,112	\$5,275,352
Current expenditures (including interest).....	20,602,627	16,139,028	4,463,598
Capital outlay or plant expansion.....	4,119,837	3,308,083	811,754
Elementary and secondary schools ²	18,024,822	15,613,255	³ 2,411,567
Current expenditures (including interest).....	14,944,452	12,951,469	³ 1,992,983
Capital outlay.....	3,080,370	2,661,786	³ 418,584
Kindergarten through grade 8 ⁴	12,589,907	10,771,585	1,818,322
Grades 9-12 and postgraduate ⁴	5,434,915	4,841,670	593,245
Miscellaneous elementary and secondary schools:			
Federal schools for Indians.....	62,838	62,838	
Federal schools on Federal installations.....	18,329	18,329	
Higher education (including subcollegiate departments) ⁵	6,616,475	3,752,690	2,863,785
Current expenditures.....	5,601,378	3,130,760	2,470,615
Educational and general.....	4,513,208	2,579,797	1,933,411
Auxiliary enterprises.....	916,117	491,290	424,827
Student-aid expenditures.....	172,060	59,673	112,377
Expenditures from plant funds.....	1,015,099	621,929	393,170

¹ Excludes expenditures for residential schools for exceptional children and for schools of nursing not affiliated with colleges and universities.

² Excludes expenditures for Federal schools for Indians, Federal schools on Federal installations, and residential schools for exceptional children. Expenditures for Federal schools are shown separately below.

³ Estimated on the basis of expenditure per pupil in public elementary and secondary schools.

⁴ Distribution between grade-groups (kindergarten-grade 8 and grades 9-12 and postgraduate) estimated on the basis of average teacher's salary and pupil-teacher ratio at the elementary and secondary levels. Expenditure per pupil in grades 9-12 and postgraduate was calculated as 1.462 times expenditure per pupil in kindergarten-grade 8.

⁵ Excludes schools of nursing not affiliated with colleges and universities.

⁶ Excludes \$177,350,000 expended for plant expansion directly from current funds (\$102,681,000 by publicly controlled and \$74,669,000 by privately controlled institutions).

NOTE.—Because of rounding, detail may not add to totals.

SOURCES: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of State School Systems, 1959-60*, and *Financial Statistics of Institutions of Higher Education, 1959-60*; U.S. Department of the Interior, Bureau of Indian Affairs; and unpublished data available in the Office of Education.

Table 112.—Gross national product related to total expenditures¹ for education: United States, 1929-30 to 1963-64

Calendar year	Gross national product (in millions)	School year	Expenditures for education	
			Total (in thousands)	As a percent of gross national product
1	2	3	4	5
1929.....	\$104,436	1929-30	\$3,233,601	3.1
1931.....	76,271	1931-32	2,966,464	3.9
1933.....	55,964	1933-34	2,294,896	4.1
1935.....	72,802	1935-36	2,649,914	3.7
1937.....	90,780	1937-38	3,014,074	3.3
1939.....	91,095	1939-40	3,199,593	3.5
1941.....	125,822	1941-42	3,203,548	2.5
1943.....	192,513	1943-44	3,522,007	1.8
1945.....	213,558	1945-46	4,167,597	2.0
1947.....	234,289	1947-48	6,574,379	2.8
1949.....	258,054	1949-50	8,795,635	3.4
1951.....	328,975	1951-52	11,312,446	3.4
1953.....	365,385	1953-54	13,949,876	3.8
1955.....	397,469	1955-56	16,811,651	4.2
1957.....	442,769	1957-58	21,119,565	4.8
1959.....	482,704	1959-60	24,722,464	5.1
1961.....	518,173	1961-62 ²	² 29,430,000	5.7
1963.....	585,100	1963-64	² 33,700,000	5.8

¹ Includes expenditures of public and nonpublic schools at all levels of education (elementary, secondary, and higher education).

² Estimated.

NOTE.—Beginning with 1959-60 school year, includes Alaska and Hawaii.

SOURCES: U.S. Department of Health, Education, and Welfare, Office of Education, *Biennial Survey of Education in the United States*; *Statistics of State School Systems*; *Financial Statistics of Institutions of Higher Education*; and unpublished data. U.S. Department of Commerce, Office of Business Economics, *Survey of Current Business*, July 1958, July 1963, and April 1964.

Table 113.—Direct expenditures of State and local governments for all functions and for education, by per capita amount and percent of per capita income: 1962

State	Per capita personal income, 1962	Direct general expenditures for—			
		All functions		Education	
		Amount per capita	Percent of per capita income ¹	Amount per capita	Percent of per capita income ¹
1	2	3	4	5	6
United States.....	\$2,366	\$321.35	13.58	\$117.97	4.99
Alabama.....	1,567	244.81	15.62	89.29	5.70
Alaska.....	2,667	551.00	20.66	174.14	6.53
Arizona.....	2,097	354.14	16.89	151.70	7.23
Arkansas.....	1,504	221.10	14.70	80.19	5.33
California.....	2,898	429.34	14.82	166.78	5.76
Colorado.....	2,370	362.19	15.28	152.23	6.42
Connecticut.....	3,069	367.37	11.89	130.68	4.23
Delaware.....	3,102	335.37	10.81	136.26	4.39
District of Columbia.....	3,219	419.23	13.02	74.07	2.30
Florida.....	2,044	282.67	13.83	91.90	4.50
Georgia.....	1,759	256.71	14.59	87.71	4.99
Hawaii.....	2,403	426.93	17.77	132.42	5.51
Idaho.....	1,941	310.82	16.01	108.12	5.57
Illinois.....	2,844	315.06	11.06	112.83	3.97
Indiana.....	2,350	290.37	12.36	135.92	5.78
Iowa.....	2,189	325.58	14.87	132.80	6.07
Kansas.....	2,188	321.35	14.69	129.31	5.91
Kentucky.....	1,712	293.07	17.12	95.77	5.59
Louisiana.....	1,705	332.28	19.49	107.59	6.31
Maine.....	1,917	291.78	15.22	106.21	5.54
Maryland.....	2,683	318.32	11.86	119.13	4.44
Massachusetts.....	2,769	343.25	12.40	103.84	3.75
Michigan.....	2,416	347.39	14.38	138.64	5.74
Minnesota.....	2,226	362.81	16.23	144.54	6.46
Mississippi.....	1,285	248.69	19.35	87.78	6.83
Missouri.....	2,384	266.39	11.17	94.57	3.97
Montana.....	2,207	350.93	15.90	132.06	5.96
Nebraska.....	2,270	280.49	12.36	106.42	4.69
Nevada.....	3,278	469.40	14.32	150.44	4.59
New Hampshire.....	2,206	302.33	13.70	100.21	4.54
New Jersey.....	2,887	301.68	10.45	111.89	3.88
New Mexico.....	1,824	326.92	17.92	151.22	8.29
New York.....	2,930	398.26	13.59	123.30	4.21
North Carolina.....	1,732	229.38	13.24	98.85	5.71
North Dakota.....	2,273	378.66	16.66	140.22	6.17
Ohio.....	2,392	290.52	12.15	107.94	4.51
Oklahoma.....	1,905	298.08	15.65	107.74	5.66
Oregon.....	2,333	362.63	16.40	155.05	6.69
Pennsylvania.....	2,363	272.41	11.53	100.53	4.25
Rhode Island.....	2,372	292.98	12.35	96.91	4.09
South Carolina.....	1,545	202.11	13.08	83.23	5.39
South Dakota.....	2,065	329.29	15.95	118.60	5.74
Tennessee.....	1,702	238.70	14.02	78.44	4.61
Texas.....	2,013	269.17	13.37	106.78	5.30
Utah.....	2,064	332.71	15.96	166.25	7.98
Vermont.....	2,005	372.66	18.59	125.40	6.25
Virginia.....	2,018	249.26	12.35	93.59	4.64
Washington.....	2,485	385.15	15.50	155.72	6.27
West Virginia.....	1,810	250.95	13.86	95.36	5.32
Wisconsin.....	2,283	350.78	15.36	125.01	5.48
Wyoming.....	2,164	491.60	22.72	175.55	8.11

¹ Percents were computed by the Office of Education.

SOURCES: U.S. Department of Commerce, Office of Business Economics, *Survey of Current Business*, August 1963; and Bureau of the Census, *Governmental Finances in 1962*, Series G-GF 62.

CHAPTER IV

Federal Programs of Education

FROM its earliest days the Federal Government has been concerned with improving educational services. Through the years it has developed a variety of programs to help support, in one way or another, the educational activities of the States and of educational institutions. These programs serve a number of purposes. They may be for the purchase of research and training services of educational institutions in the interest of national welfare and defense, for support of individuals for whom there is a special Federal responsibility, for support of schools in areas where Federal activities would result in undue burdens on school services without such support, for support of education in special areas such as vocational education, or for other purposes. Regardless of the specific purpose involved, these programs affect the financing of educational programs and services and the development of the manpower resources of the Nation.

There is no single total for Federal funds for education that is meaningful for all purposes, but there are many totals to be built around particular concepts and to serve particular needs. Part I of table 114, "Federal Funds Supporting Education in Educational Institutions . . .," has been developed by the Federal Education Programs Branch for legislative use and includes programs which the Office of Education feels are in the same general category as Federal-aid-to-education legislation. Part II of this table shows data that are reported in the Office of Education publications on Federal funds for education and related activities and the National Science Foundation publication, *Federal Funds for Science XI*, but which are not in the same general category as Federal-aid-to-education legislation. Table 118 reports data on fellowships, traineeships, and training grants by agency, and the other tables in this chapter show detailed information about programs that the Office of Education helps to administer.

Table 114.—Federal funds for education and related activities: Estimated obligations for fiscal years 1963 and 1964¹

[Amounts in thousands]

Type of support, level, and program area	1963	1964
1	2	3

Part I. Federal funds supporting education in educational institutions excluding funds for services rendered to Federal Government²

A. Grants, total	\$2,008,605	\$2,384,556
ELEMENTARY-SECONDARY EDUCATION	608,693	679,050
School Assistance in Federally Affected Areas.....	332,200	382,871
National Defense Education Act (titles III, V, and X).....	69,872	71,121
Indian education.....	60,876	64,184
Public lands revenue for schools ³	44,550	48,513
Education for dependents of military personnel overseas ⁴	45,289	45,289
Vocational education.....	26,323	27,053
School assistance in special areas ⁵	17,684	27,203
Teaching and teacher training grants, Educational Exchange Program ⁶	6,800	7,400
Science education, National Science Foundation.....	3,901	4,043
Other ⁷	1,198	1,371
HIGHER EDUCATION	1,175,955	1,404,780
Basic research and research facilities in U.S. educational institutions proper ⁸	648,331	810,630
Basic research.....	(478,600)	(610,700)
Research facilities.....	(169,761)	(200,230)
Training grants.....	237,935	267,695
Fellowships ⁹	120,146	145,585
Special institutional support ¹⁰	38,695	56,419
Veterans education.....	68,445	52,732
Traineeships ¹¹	22,861	23,612
Special training programs ¹²	10,071	10,606
Training State and local personnel ¹³	6,261	7,890
Other ¹⁴	23,180	29,311
ADULT EDUCATION	111,705	192,611
Veterans education.....	29,007	25,082
Vocational and technical training ¹⁵	74,719	154,114
Training State and local personnel.....	1,432	5,390
Indian education.....	6,165	7,736
Other.....	382	289
NOT CLASSIFIED BY LEVEL	112,252	108,115
Value of surplus property transferred ¹⁶	112,252	108,115
B. Loans, total	481,851	482,193
ELEMENTARY-SECONDARY EDUCATION	616	750
Private school loans (NDEA, title III).....	616	750
HIGHER EDUCATION	481,235	481,443
Student loan program, NDEA.....	90,692	90,900
College housing loans.....	390,543	390,543

See footnotes at end of table.

Table 114.—Federal funds for education and related activities: Estimated obligations for fiscal years 1963 and 1964¹—Continued

[Amounts in thousands]

Type of support, level, and program area	1963	1964
1	2	3
Part II. Other Federal funds for education and related activities¹⁷		
<i>Research and Development</i>	\$1,154,600	\$1,350,200
Research and development in educational institutions proper and research centers, exclusive of basic research in U.S. educational institutions proper ¹⁸	1,154,600	1,350,200
<i>Related School Services</i>	386,708	384,637
School lunch program.....	379,258	377,187
Job placement for high school seniors.....	6,900	6,900
Bus transportation, military dependents.....	550	550
<i>Training of Federal Personnel¹⁹</i>	83,196	86,131
Military academies.....	51,327	53,262
Training in non-Federal facilities.....	31,869	32,869
<i>Library Services¹⁹</i>	24,020	26,920
Library of Congress.....	12,073	13,364
Library Services Act grants.....	7,406	7,444
National Library of Medicine.....	3,321	4,081
National Library of Agriculture.....	1,096	1,876
AEC library services, Oak Ridge.....	124	155
<i>International Education²⁰</i>	63,000	63,800
AID cooperative projects ²¹	54,000	54,000
Grants for observation and advisory services, Educational Exchange Program.....	9,000	9,800
<i>Other</i>	77,523	86,381
Cooperative agricultural extension service.....	63,008	67,108
Apprenticeship and training programs.....	4,667	4,815
Education in Federal correctional institutions ²²	2,518	2,885
Mine safety training.....	1,400	1,400
Civil defense education.....	5,930	10,173

¹ Based on Federal agency responses to Office of Education survey of Federal education and related activities. Included are (1) funds, commodities, or services to educational institutions and agencies and (2) funds for support of education and training to educational institutions, agencies, or individuals. Research data are from *Federal Funds for Science XII*, National Science Foundation.

Footnotes continued on next page.

Footnotes continued from page 135.

³ Part I of the table excludes (1) funds for services rendered to the Federal Government and (2) funds for education and related activities outside educational institutions. These items are included in Part II, "Other Federal Funds for Education and Related Activities." Included in Part I are funds for education in educational institutions, including payments for education of nonresident enrollees; payments for services essential to the conduct of education in educational institutions, and funds which are an integral part of the educational process.

⁴ Estimated amount for schools represents 60 percent of total shared revenue for roads and schools.

⁵ Data on payments for education of dependents of other Federal personnel overseas are not available.

⁶ Includes District of Columbia, Canal Zone, national parks, Territories, and dependencies.

⁷ Funds are for teaching and teacher development programs. Training in institutions of higher education may be included for some participants, but data are not available for allocation of funds between elementary, secondary and higher education levels.

⁸ Includes elementary-secondary level activities at PHS hospitals, Gallaudet College, and the American Printing House for the Blind; income tax study materials provided by the Internal Revenue Service; and the AEC science exhibits program for high school students.

⁹ Funds for "basic research in U.S. educational institutions proper" are included in Part I because these funds support the basic research function of institutions of higher education. Although some of the basic research and research facilities funds are not for the purpose of supporting education, such as those for health research and research facilities, they are included in Part I of the table because of the integral relationship of research and training in educational institutions. Funds for applied research and development in educational institutions and university-managed research centers are included in Part II.

¹⁰ Includes Educational Exchange Program study grants.

¹¹ Includes funds for Howard University, Gallaudet College, instruction in land-grant colleges, language and area centers (NDEA), NSF institutional grants, and support of State merchant marine schools.

¹² Includes advisory grants for training of foreign students and research grants under the Educational Exchange Program.

¹³ Includes special training programs of AEC, NSF, and PHS; training at Saint Elizabeths Hospital; medical education for national defense program (DOD).

¹⁴ Includes training at Federal or non-Federal educational institutions. Totals reported here probably underestimate considerably funds provided for this purpose.

¹⁵ Includes university teaching grants, Educational Exchange Program; course content improvement grants to universities, NSF; dissemination grants, new educational media.

¹⁶ Includes cooperative vocational education, area vocational education, and training costs under the Manpower Development and Training Act and the Area Redevelopment Act.

¹⁷ Estimated actual value of surplus real and personal property at time of transfer for educational uses.

¹⁸ Includes payments for services rendered to the Federal Government and education and related activities excluded from Part I.

¹⁹ Data not available on all programs for training Federal personnel.

²⁰ Includes general library services, exclusive of intramural agency library services. Amounts for Library of Congress include general and basic services and the Books for the Blind program.

²¹ Excludes university contracts. Data not available.

²² Data incomplete. Includes projects in the field of education only.

²³ Payments to educational institutions for training of inmates.

SOURCE: Compiled by Penrose Jackson, Federal Education Programs Branch, Office of Program and Legislative Planning, U.S. Department of Health, Education, and Welfare. Based on reports of Federal agencies to the U.S. Office of Education in its surveys of Federal funds for education and related activities. Research data from the annual survey for the *Federal Funds for Science* series, National Science Foundation.

Table 115.—Summary of Federal funds for research and development and R&D plant, fiscal years 1962, 1963, and 1964

(Millions of dollars)

Item	Actual	Estimates	
	1962	1963	1964 ¹
Total expenditures for research and development and R&D plant.....	\$10,373.3	\$12,226.2	\$14,979.3
Research and development.....	9,797.4	11,307.0	13,649.8
R&D plant.....	575.9	919.2	1,329.6
Total obligations for research and development and R&D plant.....	11,065.7	14,472.4	17,001.1
Research and development.....	10,288.2	12,962.6	15,328.7
Total research.....	2,976.7	4,245.1	5,785.1
Basic research.....	1,085.2	1,395.4	1,782.3
Applied research.....	1,891.5	2,849.7	4,002.8
Development.....	7,069.3	8,477.5	9,295.9
Pay and allowances of military personnel in R&D.....	242.2	240.0	247.3
Performers of the Government's R&D:			
Domestic:²			
Federal Government.....	2,221.9	2,707.2	2,783.9
Profit organizations, proper.....	5,900.9	7,689.7	9,557.4
Profit organization research centers.....	418.2	439.4	433.3
Educational institutions, proper.....	802.1	984.0	1,204.9
Educational institution research centers.....	555.5	649.2	756.0
Other nonprofit organizations, proper.....	160.6	203.7	247.0
Other nonprofit organization research centers.....	151.3	202.8	225.5
Other.....	16.4	19.9	23.7
Foreign.....	61.3	66.7	96.9
Total research, by field of science:			
Life sciences, total.....	821.0	1,021.0	1,193.5
Biological sciences.....	152.2	204.7	266.1
Medical sciences.....	598.3	740.5	841.1
Agricultural sciences.....	70.6	75.8	86.3
Psychological sciences.....	56.1	66.8	97.2
Physical sciences, total.....	1,896.6	2,930.4	4,275.5
Physical sciences, proper.....	988.1	1,249.0	1,537.4
Mathematical sciences.....	68.9	116.8	167.9
Engineering sciences.....	829.5	1,564.6	2,570.2
Social sciences.....	62.0	72.2	106.1
Other sciences:³	151.0	154.7	112.7

See footnotes at end of table.

Table 115.—Summary of Federal funds for research and development and R&D plant, fiscal years 1962, 1963, and 1964—Continued

Item	Actual	Estimates	
	1962	1963	1964 ¹
Performers of the Government's basic research:			
Domestic: ²			
Federal Government.....	195.9	232.2	272.8
Profit organizations, proper.....	146.8	216.4	307.4
Profit organization research centers.....	26.7	31.9	35.1
Educational institutions, proper.....	384.5	478.6	610.7
Educational institution research centers.....	218.4	288.7	374.5
Other nonprofit organizations, proper.....	57.3	74.5	90.6
Other nonprofit organization research centers.....	28.2	39.3	48.4
Other.....	2.9	4.3	5.2
Foreign.....	24.5	29.6	37.5
Basic research, by field of science:			
Life sciences, total.....			
	317.0	403.2	488.0
Biological sciences.....	97.9	136.7	189.5
Medical sciences.....	198.0	242.8	270.7
Agricultural sciences.....	21.1	23.7	27.7
Psychological sciences.....	27.6	33.5	48.9
Physical sciences, total.....			
	721.1	933.8	1,211.9
Physical sciences, proper.....	618.1	793.3	1,031.0
Mathematical sciences.....	22.6	29.2	42.5
Engineering sciences.....	80.4	111.2	138.4
Social sciences.....			
	18.0	23.0	31.3
Other sciences.....			
	1.6	1.9	2.1
R&D plant.....			
	777.6	1,509.8	1,672.4
Domestic: ³			
Federal civilian or military installation.....	619.9	1,254.0	1,347.1
Non-Federal site or institution.....	148.5	217.9	271.4
Foreign.....	9.2	38.0	53.9

¹ Estimates are based on requested amounts included in *The Budget, 1964*; hence, they do not reflect subsequent congressional action.

² United States and territories.

³ Include amounts not distributed by field of science.

NOTE.—Detail may not add to total because of rounding.

SOURCE: National Science Foundation, *Federal Funds for Research, Development, and Other Scientific Activities, Vol. XII*.

Table 116.—Federal payments under financial assistance programs administered by the Office of Education, fiscal year 1963

(In thousands of dollars)

Total payments, all programs.....	9642,648	Vocational education.....	696,732
School assistance in federally affected areas.....	329,970	Smith-Hughes Act.....	7,144
Maintenance and operation (P.L. 874).....	276,737	Agriculture.....	3,016
Construction (P.L. 815).....	53,233	Trades and industry and home economics.....	3,085
National Defense Education Act ¹	185,944	Teacher training.....	1,109
Title II. Student loans.....	91,841	George-Barden Act.....	47,671
Title III. Strengthening instruction in science, mathematics, and modern foreign languages.....	33,536	Title I.....	29,330
Grants to States for public schools.....	30,541	Agriculture.....	9,949
Grants to States for supervisory and related services.....	2,459	Distributive occupations.....	2,602
Loans to private schools.....	436	Home economics.....	2,183
Title IV. Fellowships.....	19,604	Trades and industry.....	3,816
Title V. Guidance, counseling, and testing.....	21,672	Fishery trades.....	165
State programs.....	15,184	Grants to possessions.....	255
Testing in private schools.....	31	Title II. Practical nurse training.....	5,000
Institutions.....	6,517	Title III. Technical education (an addition made by title VIII, NDEA).....	13,341
Title VI. Language development.....	14,537	Area Redevelopment Act ²	2,728
Language and area centers.....	2,161	Manpower Development and Training Act ³	29,189
Fellowships.....	2,919	State supervision.....	998
Research and studies.....	1,916	Training.....	23,197
Institutions.....	6,541	Land-grant colleges.....	14,500
Title VII. More effective use of media of communication.....	3,233	Cuban refugee program ⁴	9,155
Research and experimentation.....	1,455	Education aid for Cuban children and adults.....	7,797
Dissemination of information.....	1,778	Loan program for Cuban students.....	1,358
Title VIII. See George-Barden Act.		Library Services Act.....	7,257
Title X. Improvement of statistical services of State educational agencies.....	1,321	Cooperative Research Program.....	5,156
		Civil Defense adult education program ⁴	2,597
		Training for teachers of the deaf.....	1,377
		Fellowship program for teachers of mentally retarded children.....	900
		Grants to institutions.....	268
		Grants to State educational agencies.....	546
		Stimulation grants to colleges and universities.....	46

¹ Does not include \$13.3 million for technical education under title VIII. Payments under title VIII are included under the George-Barden Act, which that title amended.

² Funds transferred from the Department of Labor.

³ By direction of the President, several Cuban refugee programs are administered by the Department of Health, Education, and Welfare.

⁴ Funds transferred from the Department of Defense.

SOURCE: Fiscal and program reports of the Office of Education.

Table 117.—Federal grants and loans administered by the Office of Education, by program and by State: Fiscal year 1963¹

State	1	2	3	4	5	Aid to federally affected areas		National Defense Education Act programs (includes loans) ²	9	10	11	12
						Operation of schools	Construction					
Total	914,599,000	973,231,636	968,632	8276,786,898	853,233,182	8199,296,409	84,156,610	89,156,559	82,596,687	81,376,764		
Alabama.....	277,647	1,675,278	11,800	8,904,722	690,080	2,531,321	2,491	24,610	40,000			
Alaska.....	205,376	291,419		8,800,872	650,647	154,194	9,270		25,450			
Arizona.....	230,961	531,682	7,338	5,494,907	1,268,814	1,711,645	46,424		23,500			
Arkansas.....	242,453	1,318,961	12,000	1,699,354	507,865	2,153,259	4,925	600	101,650			
California.....	573,550	4,068,411	40,429	40,011,477	9,647,345	15,797,108	975,401	9,532	101,650			
Colorado.....	241,689	626,194	36,867	7,528,341	1,507,471	2,723,717	81,498	200	41,668			
Connecticut.....	260,290	1,053,689	8,110	2,807,741	1,471,463	2,901,254	29,776	2,811	16,000			
Delaware.....	210,608	211,257	6,100	787,474		419,554	33,496	1,600	11,700			
Florida.....	317,668	1,294,765	11,000	7,325,249	2,127,878	4,717,993	114,798	8,323,793	161,868			
Georgia.....	298,728	1,453,612	37,000	6,715,418	1,071,530	3,748,987	52,197	45,219	85,000			
Hawaii.....	215,040	315,614	12,200	5,442,335	1,334,807	516,090	6,000		29,894			
Idaho.....	215,865	352,625	13,000	2,017,720	782,373	964,905		500	31,668			
Illinois.....	432,619	4,817,315	32,800	8,031,451	220,996	9,612,315	651,171	26,437	75,642			
Indiana.....	310,822	1,858,773	12,600	1,373,905	42,647	5,834,745	53,577	11,199	70,800			
Iowa.....	255,544	1,403,991	14,200	1,056,253	14,023	4,473,707	94,285	8,678	61,000			
Kansas.....	251,798	1,047,097	17,575	6,712,877	427,054	3,817,585	32,463	4,210	60,000			
Kentucky.....	272,214	2,142,571	9,800	1,519,719	33,000	2,481,503	2,800	2,350	60,000			
Louisiana.....	277,419	798,145	11,800	1,330,580	69,905	3,018,955	18,659	198,131	105,953			
Maine.....	223,083	524,960	11,956	2,337,537	103,171	1,249,945			33,833			
Maryland.....	273,700	755,725	11,900	11,029,952	1,775,671	2,760,181		4,300	40,377			
Massachusetts.....	322,376	1,994,577	21,900	8,331,980	1,674,374	6,425,732	234,275	14,982	18,800			
Michigan.....	334,949	3,070,135	45,800	2,337,147	2,371,679	8,992,694	699,993	9,978	2,350			
Minnesota.....	281,144	1,660,610	35,000	6,010,180	142,654	8,363,191			92,000			
Mississippi.....	261,772	998,813	12,200	1,503,537	182,995	2,655,113	22,459	2,100	65,000			
Missouri.....	302,677	2,997,916	21,100	3,123,435	454,179	4,540,518	100,308	8,360	64,000			
Montana.....	219,089	397,896	11,400	2,472,798	2,032,571	1,114,990			10,666			
Nebraska.....	233,545	697,699	12,200	3,017,835	1,437,980	2,012,374			48,994			
Nevada.....	201,781	405,953	8,000	1,745,749	317,872	1,290,320			70,968			
New Hampshire.....	214,425	300,404	13,000	1,430,311	31,535	1,260,480						
New Jersey.....	344,200	1,809,676	21,900	7,004,335	1,015,835	4,499,655	86,277	30,970	62,666			

FEDERAL PROGRAMS OF EDUCATION

New Mexico.....	222,605	71,851	432,094	7,466	6,033,725	1,310,334	1,263,923	613,049	4,000	64,000	21,086
New York.....	598,897	280,444	4,246,265	67,700	6,948,540	741,403	18,233,252	72,510	93,415	21,522	
North Carolina.....	308,246	310,808	2,262,331	11,279	3,202,401	783,631	4,827,534	72,510	23,848	44,000	
North Dakota.....	218,082	75,726	556,039	11,400	1,320,101	1,083,374	7,718,675	1,576	2,868	17,000	
Ohio.....	430,710	294,173	2,982,409	32,600	6,310,790	921,941	7,870,875	107,417	12,053	76,166	
Oklahoma.....	258,241	124,745	1,258,088	13,000	8,345,246	1,782,204	2,890,828	12,828	15,260	76,526	
Oregon.....	242,040	105,614	683,585	24,028	1,197,816	24,941	2,345,134	44,715	2,430	41,698	
Pennsylvania.....	492,049	348,733	4,297,213	58,670	8,983,016	4,401	11,094,347	237,237	74,064	108,000	
Rhode Island.....	720,439	80,644	595,966	11,879	2,308,261	650,270	1,555,841	26,801	26,278	26,278	
South Carolina.....	286,632	177,517	947,793	11,400	4,228,026	946,997	2,876,415	31,044	.....	46,900
South Dakota.....	216,176	80,565	413,768	10,600	2,539,137	2,053,218	1,244,075	.....	.....	4,920
Tennessee.....	284,796	207,053	1,872,163	33,800	2,533,424	196,356	4,254,846	28,119	3,846	68,000	
Texas.....	427,698	207,082	2,087,146	33,400	18,044,306	2,224,361	8,296,572	128,046	26,070	200,000	
Utah.....	221,169	61,982	288,505	11,822	2,725,360	860,118	1,264,670	79,194	.....	19,306
Vermont.....	209,267	63,550	396,232	.....	60,363	.....	783,770	.....	.....	23,334
Virginia.....	294,200	212,929	1,598,559	21,804	16,697,163	4,876,857	2,468,446	86,836	1,496	12,000	
Washington.....	267,818	128,774	988,087	14,200	9,870,270	839,537	4,606,675	.....	5,073	62,276
West Virginia.....	244,220	182,796	928,288	11,800	164,239	7,800	2,194,715	.....	.....	23,334
Wisconsin.....	298,929	174,830	1,868,196	37,000	778,650	355,056	4,373,845	219,064	4,065	52,800	
Wyoming.....	207,846	53,987	1,280,330	9,800	929,078	118,367	515,890	.....	500	27,351
District of Columbia.....	.....	.....	327,931	.....	.....	.....	.....	.....	.....	.....
Guam.....	.....	11,077	59,042	.....	920,303	68,046	2,308,159	24,223	56,663	28,000
Puerto Rico.....	258,846	168,589	1,399,042	.....	108,341	.....	60,579	.....	73,600	.....
Virgin Islands.....	.....	6,382	56,208	.....	.....	.....	1,393,730	.....	.....	.....
Undistributed.....	.....	.....	.....	.....	12,683,644	.....	50,519	.....	.....	57,500
							1-6,073				2

1 On a check-issued basis.
 2 Includes grants of \$29,189,464 under Manpower Development and Training Act and \$2,77,867 under Area Redevelopment Act.
 3 Includes \$98,727 of loans made in prior years which became grants this year due to cancellation of loans.
 4 Payment for schools on Federal installations.
 5 Collections received which were undistributed by States.
 SOURCE: Compiled from U.S. Department of Health, Education, and Welfare, Office of Education financial reports.

Table 118.—Fellowship, traineeship, and training grant programs of Federal agencies: Obligations and number of participants, fiscal year 1964¹

[Amounts in thousands]

Agency and program	Amount	Number of participants
1	2	3
FELLOWSHIPS AND TRAINEESHIPS²		
Department of Health, Education, and Welfare:		
<i>Office of Education:</i>		
Training in education of the mentally retarded.....	88,054	1,128
National Defense Education Act.....	28,930	5,286
Graduate fellowships.....	(21,200)	(4,118)
Language development fellowships.....	(4,730)	(1,141)
<i>Public Health Service:</i>		
Research fellowships, National Institutes of Health.....	44,914	4,770
Nurse services fellowships.....	313	63
Water supply and pollution control fellowships.....	474	74
Air pollution control fellowships.....	127	19
Professional nurse traineeships.....	7,609	6,491
Traineeships for public health personnel.....	4,198	3,538
Traineeships, National Institutes of Health.....	2,810	265
Neurological and sensory disease traineeships.....	298	67
<i>Vocational Rehabilitation Administration:</i>		
Rehabilitation research fellowships.....	97	27
Department of the Interior:		
Bureau of Commercial Fisheries fellowships.....	200	24
Atomic Energy Commission:		
Oak Ridge graduate fellowships.....	130	28
Postdoctoral fellowships.....	86	8
Special fellowships.....	1,452	287
National Aeronautics and Space Administration:		
Resident research associateships.....	1,000	65
International fellowships.....	208	33
National Science Foundation:		
Graduate fellowships.....	16,801	3,735
Science faculty fellowships.....	4,694	599
Postdoctoral fellowships.....	3,405	367
TRAINING GRANTS		
Department of Health, Education, and Welfare:		
<i>Office of Education:</i>		
Training in education of the mentally retarded.....	3,502	1,302
National Defense Education Act.....	14,697	5,713
Guidance, counseling, and testing institutes.....	(7,250)	(1,920)
Language development institutes and seminars.....	(7,447)	(3,793)
<i>Public Health Service:</i>		
Research training grants, National Institutes of Health.....	168,801	18,585
Water supply and pollution control training.....	2,000	57
Air pollution control training.....	878	30
Neurological and sensory disease training.....	1,050	450
Radiological health training.....	2,500	(³)
Cancer control program training.....	1,797	443
<i>Vocational Rehabilitation Administration:</i>		
Rehabilitation training grants.....	14,422	6,440
<i>Welfare Administration:</i>		
Child welfare training.....	877	277
Juvenile delinquency training.....	780	(³)
Maternal and child health training.....	3,189	125
Atomic Energy Commission:		
Faculty training institutes.....	790	1,007
Radiation protection training.....	70	80
National Aeronautics and Space Administration:		
Training grants for predoctoral traineeships.....	20,000	1,071
National Science Foundation:		
Academic year institutes for teachers.....	11,600	1,955
Inservice institutes for teachers.....	3,380	14,483
Summer institutes and conferences for teachers.....	26,020	25,147
Supplementary training for teachers.....	438	3,605
Research participation grants.....	8,108	7,198
Graduate training grants in engineering.....	6,000	1,220

¹ Based on Federal agency responses to Office of Education survey of student support programs. Includes both long-term and short-term training activities.

² Excludes international education programs of the Department of State.

³ Number of trainees not reported.

SOURCE: Compiled by Federal Education Programs Branch, Office of Program and Legislative Planning, Office of Education, U.S. Department of Health, Education, and Welfare.

Table 119.—Selected data on programs administered under the National Defense Education Act of 1958: United States and outlying areas, fiscal years 1963 and 1964

Program	Fiscal year 1963	Fiscal year 1964 (estimated)
Title II, Student Loans:		
(a) Contribution to loan funds	1,636 institutions and 497,823 student borrowers. ¹	1,674 institutions and 560,000 student borrowers. ¹
(b) Loans to educational institutions.	89 loans	80 loans.
Title III, Science, Mathematics and Foreign Language Instruction		
(a) Acquisition of equipment and minor remodeling:		
(1) Grants to States	53 States and Territories and 56,184 projects completed.	53 States and Territories and estimated 58,000 projects approved.
(2) Loans to nonprofit private schools.	46 loans approved	48 loans approved.
(b) Grants to States for supervision and administration.	53 States and Territories	53 States and Territories.
Title IV, National Defense Fellowships.²	1,500 fellowships and continuation of 1,500 fellowships awarded in 1961 and 1,500 in 1962.	1,500 fellowships and continuation of 1,500 fellowships awarded in 1962 and in 1963.
Title V, Guidance, Counseling and Testing:		
(a) Grants to States	{ 53 States and Territories: 7,653,967 tests administered to public secondary school children. 578,217 tests administered to nonpublic secondary school children.	{ 53 States and Territories: Estimated 8,150,000 tests to be administered to public secondary school children. Estimated 580,000 tests to be administered to nonpublic secondary school children.
(b) Institutes for counseling personnel.	53 short-term institutes, 1,578 trainees; 23 regular session institutes, 682 trainees.	39 short-term institutes, 1,170 trainees; 25 regular session institutes, 750 trainees.
Title VI, Advanced Training in Foreign Areas and Languages:		
(a) Language and area centers.	55 centers in operation	55 centers in operation.
(b) Language fellowships	1,035 fellowships	1,067 fellowships.
(c) Research and studies	33 contracts	45 contracts.
(d) Institutes for language teachers.	79 summer institutes, 4,239 trainees; 4 regular institutes, 97 trainees.	82 summer institutes, 4,299 trainees; 3 regular institutes, 69 trainees.
Title VII, Educational Media Research.	31 research grants approved, 4 research contracts approved, 44 dissemination contracts approved.	35 research grants, 2 research contracts, and 40 dissemination contracts.
Title VIII, Grants to States for Technical Education.	49 States, D.C. and Puerto Rico; 184,598 persons enrolled.	50 States, D.C., Puerto Rico, and Virgin Islands; persons enrolled estimated 204,000.
Title X, Grants to States for Statistical Services.	53 States and Territories have approved State plans; 48 participated.	53 States and Territories have approved State plans; 49 participated.

¹ Cumulative number of student borrowers.

² These figures do not include resignations submitted after the end of the fiscal year. Since fellowships vacated by resignation cannot be reawarded, the program is not operating at full authorization.

CHAPTER V

Selected Statistics Related to Education in the United States

THE TABLES in this chapter were selected because they are closely related to education in the United States and are of general interest. They are arranged in four main groups: (1) Employment of high school graduates and dropouts, (2) international education, (3) library statistics, and (4) research and development.

The first group of tables shows statistics from the U.S. Department of Labor and the Bureau of the Census on the employment status of graduates and school dropouts.

The next group provides data from the Institute of International Education on American college students abroad and foreign students enrolled in American institutions. Also included is a table showing Office of Education data on the enrollment of foreign students in each State in the fall of 1963. Two other tables contain statistics from the United Nations Educational, Scientific, and Cultural Organization (UNESCO) on population and school enrollment for the world, the continents, and selected countries. They show general magnitude figures only and are suitable for making only very rough comparisons among countries. The enrollment estimates were prepared in various ways for different years, and the enrollment groupings by level for the various countries are not strictly comparable from one country to another.

The third group of tables shows Office of Education statistics on public libraries, libraries in schools and colleges, and special libraries. The first table in this group provides estimates of the number of full-time professional librarians in all libraries, and the others show more detailed information about public libraries and about the libraries in schools and colleges.

The fourth and last group of tables contains National Science Foundation data on research and development. Included are tables showing the employment of scientists and engineers and more detailed information on those who are employed by colleges and universities. Other tables provide data on the amounts and sources of funds used

for research and development. Another table showing the amount of Federal funds for research and development is not included with this group but may be found in chapter IV.

Table 120.—College enrollment and labor force status of 1963 high school graduates¹ 16 to 24 years of age in the civilian noninstitutional population, by color, sex, and marital status: United States, October 1963

[Numbers in thousands]

Item	Civilian noninstitutional population		Civilian labor force		Not in labor force
	Number	Percent	Number	Percent of population	
1	2	3	4	5	6
BOTH SEXES					
Total.....	1,741	100.0	956	54.9	785
White.....	1,615	92.8	878	54.4	737
Nonwhite.....	126	7.2	78	61.9	48
Enrolled in college.....	784	45.0	201	25.6	583
Full-time.....	740	42.5	167	22.6	573
Part-time.....	44	2.5	34	(²)	10
Not enrolled in college.....	957	55.0	755	78.9	202
MALE					
Total.....	794	100.0	448	56.4	346
Enrolled in college.....	415	52.3	108	26.0	307
Not enrolled in college.....	379	47.7	340	89.7	39
FEMALE					
Total.....	947	100.0	508	53.6	439
Enrolled in college.....	369	39.0	93	25.2	276
Not enrolled in college.....	578	61.0	415	71.8	163
Single.....	489	51.6	368	75.3	121
Married and other marital status ³	89	9.4	47	(²)	42

¹ Includes persons who graduated in January and June 1963. (There were about 50,000 January graduates.)

² Percent not shown where base is less than 100,000.

³ Includes widowed, divorced, and separated women.

NOTE.—Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *Monthly Labor Review*, May 1964.

Table 121.—Employment status and major occupation group of high school graduates not enrolled in college, by sex: United States, 1962 and 1963

[Thousands of persons 16 to 24 years of age]

Employment status and occupation group of employed	June 1962 graduates in October 1962			1963 graduates ¹ in October 1963		
	Both sexes	Male	Female	Both sexes	Male	Female
1	2	3	4	5	6	7
Civilian noninstitutional population.....	938	392	546	967	379	578
Labor force: Number.....	746	356	390	755	340	415
Percent of population.....	79.5	90.8	71.4	78.9	89.7	71.8
Employed.....	641	305	336	619	275	344
Unemployed: Percent of labor force.....	14.1	14.3	13.8	18.0	19.1	17.1
OCCUPATION GROUP OF EMPLOYED						
All occupation groups (percent).....	100.0	100.0	100.0	100.0	100.0	100.0
Professional, technical, and kindred workers.....	2.2	2.3	2.1	2.6	2.6	2.6
Farmers and farm managers.....	.8	1.6				
Managers, officials, and proprietors, except farm.....	.6	.7	.6	1.5	2.6	.6
Clerical and kindred workers.....	35.9	10.8	58.6	37.1	10.9	57.8
Sales workers.....	7.6	5.6	9.5	6.1	4.0	7.8
Craftsmen, foremen, and kindred workers.....	3.1	5.9	.6	4.4	8.4	1.2
Operatives and kindred workers.....	20.3	31.5	10.1	19.8	35.4	7.5
Private household workers.....	2.3	.7	3.9	4.5	.7	7.5
Service workers, except private household.....	9.4	6.9	11.6	10.2	8.4	11.6
Farm laborers and foremen.....	8.9	15.4	3.0	4.0	5.5	2.9
Laborers, except farm and mine.....	8.9	18.7		9.8	21.5	.6

¹ Includes January and June graduates.

NOTE.—Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *Monthly Labor Review*, May 1964.

Table 122.—Major occupation group of employed high school graduates not enrolled in college by year of high school graduation and of school dropouts by year last attended school, by sex: United States, October 1963

[Percentage distribution of persons 16 to 24 years of age]

Major occupation group and sex	Graduates of—			Dropouts last attended in—			
	1961	1962	1963	Prior to 1961	1961	1962	1963
1	2	3	4	5	6	7	8
MALE							
All occupation groups: Number (thousands).....	407	277	275	1,434	281	138	85
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	(1)
Professional, technical, and kindred workers.....	3.7	4.7	2.6	1.1	1.4	.....	.....
Farmers and farm managers.....	.7	.7	.....	1.0	.....	.7	.....
Managers, officials, and proprietors, except farm.....	2.2	3.2	2.6	2.4	5.3	2.9	.....
Clerical and kindred workers.....	12.6	14.0	10.9	3.8	4.3	3.6	.....
Sales workers.....	7.9	6.5	4.0	2.2	2.8	.7	.....
Craftsmen, foremen, and kindred workers.....	16.5	15.5	8.4	15.1	8.2	11.7	.....
Operatives and kindred workers.....	38.9	29.1	35.4	40.4	26.0	32.1	.....
Private household workers.....	.....	.....	.7	.....	.....	.....	.....
Service workers, except private household.....	5.4	9.0	8.4	5.6	9.6	6.6	.....
Farm laborers and foremen.....	4.7	5.4	5.5	10.0	19.2	13.9	.....
Laborers, except farm and mine.....	7.4	11.9	21.5	18.4	23.1	27.7	.....
FEMALE							
All occupation groups: Number (thousands).....	424	397	344	594	98	73	38
Percent.....	100.0	100.0	100.0	100.0	(1)	(1)	(1)
Professional, technical, and kindred workers.....	5.9	4.8	2.6	.5	.....	.....	.....
Farmers and farm managers.....	.....	.....	.....	.....	.....	.....	.....
Managers, officials, and proprietors, except farm.....	.9	.8	.6	.8	.....	.....	.....
Clerical and kindred workers.....	63.6	61.3	57.8	10.0	.....	.....	.....
Sales workers.....	4.5	5.0	7.8	4.1	.....	.....	.....
Craftsmen, foremen, and kindred workers.....	.7	.8	1.2	.5	.....	.....	.....
Operatives and kindred workers.....	9.0	7.0	7.5	35.4	.....	.....	.....
Private household workers.....	.7	3.8	7.5	17.1	.....	.....	.....
Service workers, except private household.....	13.2	14.6	11.6	21.2	.....	.....	.....
Farm laborers and foremen.....	1.2	1.5	2.9	9.2	.....	.....	.....
Laborers, except farm and mine.....	.2	.5	.6	1.2	.....	.....	.....

1 Percent not shown where base is less than 100,000.

NOTE.—Because of rounding, detail may not add to totals.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *Monthly Labor Review*, May 1964.

Table 123.—Student and labor force status of persons 14 to 34 years old, by age and sex: United States, April 1960
[In thousands]

Age	Sex	Popula- tion	Enrolled in school					Not enrolled in school				
			Total	Civilian labor force		Armed Forces	Not in labor force	Total	Civilian labor force		Armed Forces	Not in labor force
				Total	Unem- ployed				Total	Unem- ployed		
1	2	3	4	5	6	7	8	9	10	11	12	13
Total, 14 to 34 years			14,473	3,970	270	88	10,414	35,187	21,375	1,376	1,296	12,616
Male.....		49,659	7,889	2,717	180	88	6,084	16,670	14,164	1,377	1,277	1,229
Female.....		24,100	6,583	1,253	90	0	5,330	18,517	7,211	500	19	11,287
14.....		2,748	2,620	248	14	0	2,372	128	23	3	0	106
Male.....		1,408	1,338	170	9	0	1,159	65	15	2	0	50
Female.....		1,340	1,282	68	5	0	1,213	63	8	1	0	56
15.....		2,802	2,608	323	24	0	2,280	199	49	8	0	150
Male.....		1,435	1,336	237	16	0	1,109	96	33	5	0	66
Female.....		1,367	1,267	96	8	0	1,171	103	16	3	0	84
16.....		2,839	2,450	501	50	0	1,949	389	151	30	1	237
Male.....		1,450	1,255	324	33	0	1,028	195	101	20	1	98
Female.....		1,389	1,195	167	17	0	1,028	194	50	10	0	144
17.....		2,972	2,171	639	55	4	1,528	701	317	54	39	345

18.....	Male.....	1,457	1,112	398	710	345	192	35	39	114
	Female.....	1,415	1,059	241	818	356	126	19	0	231
	Total.....	2,498	1,263	448	806	1,235	735	90	105	395
	Male.....	1,249	882	277	396	567	370	54	102	94
	Female.....	1,249	581	171	410	668	365	36	2	301
19.....	Total.....	2,276	745	297	437	1,531	940	99	189	452
	Male.....	1,108	413	175	224	696	482	59	135	78
	Female.....	1,168	332	119	213	836	458	40	4	374
20.....	Total.....	2,190	515	225	279	1,675	1,028	98	137	510
	Male.....	1,066	298	138	149	768	565	61	134	69
	Female.....	1,124	217	87	130	907	463	37	3	441
21 and 22.....	Total.....	4,362	681	339	325	3,681	2,263	186	219	1,179
	Male.....	2,144	446	236	193	1,698	1,360	121	216	1,122
	Female.....	2,218	235	103	132	1,983	923	65	3	1,067
23 and 24.....	Total.....	4,251	383	231	140	3,868	2,310	156	217	1,341
	Male.....	2,074	287	181	94	1,787	1,469	101	215	1,108
	Female.....	2,177	96	50	46	2,081	841	55	2	1,238
25-29.....	Total.....	10,870	663	451	197	10,207	6,232	326	255	3,719
	Male.....	5,833	490	369	106	4,843	4,371	212	253	216
	Female.....	5,537	173	82	91	5,364	1,861	114	3	3,500
30-34.....	Total.....	11,951	378	268	101	11,573	7,307	326	183	4,083
	Male.....	5,840	232	200	23	5,608	5,206	206	181	2,211
	Female.....	6,111	146	68	78	5,965	2,101	120	2	3,862

Sources: U.S. Department of Commerce, Bureau of the Census, U.S. Census of Population: 1960, PC(1)-1D.

Table 124.—United States college students abroad in 1961-62, and college faculty abroad in 1962-63

[Percentage distribution by geographical area or country]

Geographical area or country	Students ¹	Faculty ²
1	2	3
Total	16,072	2,987
	Total number abroad	
	Percent of total abroad	
All areas	100	100
Africa.....	1	8
Europe.....	62	49
Far East.....	7	15
Latin America.....	11	12
Middle and Near East.....	3	9
Other.....	16	7
All countries	100	100
Canada.....	16	
France.....	13	
Mexico.....	10	
United Kingdom.....	10	
Germany.....	9	
Vatican City.....	7	
Switzerland.....	6	
Austria.....	5	
Italy.....	4	
Other.....	20	

¹ Includes students reported by 411 institutions in 60 countries.

² The faculty came from 463 institutions of higher education in the United States and went to 102 countries.

SOURCE: Institute of International Education, New York, *Open Doors 1963*.

Table 125.—Enrollment of foreign students in institutions of higher education, by level and State: Fall 1963

Region and State	All foreign students enrolled			Undergraduate students			First-professional students			Graduate students		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	4	5	6	7	8	9	10	11			
United States.....	72,651	26,479	11,971	3,129	2,674	456	27,971	22,991	4,979			
NEW ENGLAND.....	5,472	1,736	794	493	457	36	2,449	2,063	391			
Connecticut.....	947	266	87	108	93	15	496	408	78			
Maine.....	123	82	25	117	82	16	18	16				
Massachusetts.....	3,762	1,014	554	374	353	21	1,820	1,535	285			
New Hampshire.....	299	187	29	10	10		40	31	9			
Rhode Island.....	229	119	47				73	60	13			
Vermont.....	125	68	42	1	1		14	8	6			
MIDWEST.....	14,729	5,679	2,265	1,964	816	194	6,281	5,124	1,257			
Delaware.....	114	28	9				77	70	7			
District of Columbia.....	2,963	1,235	475	309	277	32	974	715	259			
Maryland.....	1,145	422	194	22	20	2	507	412	95			
New Jersey.....	1,990	313	118	73	59	14	456	429	27			
New York.....	6,810	2,216	1,053	322	235	87	2,989	2,344	645			
Pennsylvania.....	2,907	865	286	278	219	59	1,373	1,154	224			
GREAT LAKES.....	15,199	6,913	2,915	599	566	91	6,672	5,376	1,296			
Illinois.....	4,404	1,516	547	239	206	31	2,102	1,722	380			
Indiana.....	2,427	840	280	74	66	8	1,233	986	247			
Michigan.....	4,376	2,127	645	188	156	32	1,516	1,213	303			
Ohio.....	2,296	973	424	64	43	19	826	706	120			
Wisconsin.....	1,096	557	219	34	33	1	896	749	147			
PLAINS.....	6,661	2,763	1,061	215	196	29	2,622	2,222	410			
Iowa.....	1,219	392	226	51	49	2	550	463	86			
Kansas.....	1,524	650	218	33	25	8	623	521	102			
Minnesota.....	1,585	491	216	26	26		802	744	108			
Missouri.....	1,311	634	229	81	71	10	367	294	73			
Nebraska.....	1,410	181	72	11	11		146	119	27			
North Dakota.....	449	319	54	1	1		75	67	8			
South Dakota.....	163	96	36	12	12		19	16	4			

Table 195.—Enrollment of foreign students in institutions of higher education, by level and State: Fall 1963—Continued

Region and State	All foreign students enrolled			Undergraduate students			First-professional students			Graduate students		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11		
SOUTHEAST	7,481	4,824	3,657	1,279	277	233	44	2,899	1,965	886		
Alabama.....	365	202	163	55	27	26	1	81	68	13		
Arkansas.....	195	133	62	70	24	24	1	38	34	4		
Florida.....	1,373	1,088	285	278	11	11	.....	224	273	51		
Georgia.....	619	421	198	83	35	22	13	163	160	3		
Kentucky.....	581	384	197	166	34	34	14	146	120	26		
Louisiana.....	907	590	317	100	17	17	2	308	285	23		
Mississippi.....	266	202	64	35	1	1	.....	63	56	7		
North Carolina.....	1,128	527	601	147	78	70	6	535	456	79		
South Carolina.....	284	220	64	72	7	6	1	87	48	39		
Tennessee.....	962	540	422	143	16	13	3	306	288	18		
Virginia.....	483	295	188	126	29	29	4	155	132	23		
West Virginia.....	318	203	115	40	4	4	.....	111	95	16		
SOUTH WEST	4,899	3,336	1,563	678	114	166	14	1,449	1,228	221		
Arizona.....	704	516	188	94	10	10	.....	178	163	15		
New Mexico.....	343	231	112	40	.....	.....	.....	92	76	16		
Oklahoma.....	1,218	787	431	124	12	9	3	419	365	54		
Texas.....	2,634	1,782	852	420	92	81	11	780	634	146		
ROCKY MOUNTAINS	3,263	2,253	1,010	487	28	28	3	987	837	150		
Colorado.....	1,095	602	493	122	21	20	1	472	399	73		
Idaho.....	271	222	49	53	6	4	1	44	26	18		
Montana.....	408	344	64	44	.....	.....	.....	61	53	8		
Utah.....	1,378	1,011	367	256	2	1	.....	365	301	64		
Wyoming.....	1,119	74	1,045	2	.....	.....	.....	55	38	17		
FAR WEST	14,885	9,338	5,547	2,562	469	346	54	4,967	4,117	850		
Alaska.....	49	41	8	9	.....	.....	.....	8	8	.....	
California.....	10,937	6,958	3,979	1,811	349	312	37	3,630	2,997	633		
Hawaii.....	862	415	447	122	1	1	.....	446	325	121		
Nevada.....	46	24	22	2	.....	.....	.....	25	25	.....	
Oregon.....	1,128	733	395	178	36	23	13	359	284	75		
Washington.....	1,780	1,167	613	360	14	11	3	699	475	224		
U.S. Service Schools	137	83	54	.....	.....	.....	.....	54	54	.....	
Outlying Areas	724	713	11	109	.....	.....	.....	11	11	.....	

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, Higher Education Surveys Section, unpublished data.



Table 126.—Number of foreign students enrolled in American institutions of higher education, by area of origin: 1948-49 to 1962-63

Academic year	Total	Western Hemisphere	Europe	Africa	Near, Middle, and Far East	Pacific	Other
1	2	3	4	5	6	7	8
1948-49.....	25,464	11,070	14,065	888	8,218	3,845	378
1949-50.....	26,433	10,444	15,574	904	8,313	3,038	200
1950-51.....	29,813	10,962	17,157	1,027	9,411	1,110	148
1951-52.....	30,474	11,034	17,220	1,072	9,737	1,227	184
1952-53.....	33,676	12,258	7,856	1,081	11,547	316	617
1953-54.....	33,833	13,297	6,171	1,163	12,766	354	182
1954-55.....	34,232	13,160	5,196	1,234	14,254	337	151
1955-56.....	36,494	13,516	5,502	1,231	15,864	353	128
1956-57.....	40,666	14,554	5,996	1,424	18,192	424	176
1957-58.....	43,391	14,566	6,816	1,515	19,901	495	108
1958-59.....	47,245	15,761	6,601	1,735	22,442	612	194
1959-60.....	48,486	15,189	6,362	1,959	24,285	568	133
1960-61.....	53,107	15,754	6,696	2,831	27,084	658	194
1961-62.....	58,086	16,554	6,533	3,030	29,845	796	128
1962-63.....	64,705	18,110	7,888	4,996	32,615	948	148

¹ Includes students from U.S.S.R.
² Includes students from the Philippines.

SOURCE: Institute of International Education, New York, *Education for One World*, 1948-49 to 1953-54; and *Open Doors*, 1954-55 to 1963.

Table 127.—Estimated total population, and enrollment by level, in continents of the world: About 1958

(In thousands)

Continent	Population	Enrollment		
		First level of education ¹	Second level of education ²	Third level of education ³
1	2	3	4	5
World total.....	2,854,000	272,891	75,820	10,784
Africa.....	230,000	16,250	1,432	144
America, North ⁴	256,000	39,426	11,424	3,654
America, South.....	134,000	14,783	2,435	349
Asia (excluding U.S.S.R.).....	1,592,000	135,610	28,268	2,729
Europe (excluding U.S.S.R.).....	417,000	46,718	17,954	1,630
Oceania.....	16,000	2,376	704	99
U.S.S.R.....	200,000	17,728	13,603	2,179

¹ First level includes elementary school enrollment where the main function is to provide basic instruction in the tools of learning. Preschool, kindergarten, and special education enrollments are excluded.

² Second level includes general, vocational, and teacher-training enrollment at the secondary school level. Entrance to secondary schools requires at least four years previous instruction at the first level. Special and adult education enrollments are excluded.

³ Third level includes colleges and universities that require the successful completion of education at the second level as a minimum entrance requirement. Adult education enrollments are excluded.

⁴ In addition to countries on the continent, includes Bermuda, the Caribbean, Greenland, and St. Pierre and Miquelon.

⁵ Data for 1960.

SOURCE: United Nations Educational, Scientific, and Cultural Organization, Paris, *Basic Facts and Figures 1960*.

Table 128.—Estimated total population, and enrollment by level: Selected countries of the world
[In thousands]

Country	Estimated population midyear 1958	Enrollment			
		Year	First level of education ¹	Second level of education ²	Third level of education ³
1	2	3	4	5	6
AFRICA					
Ethiopia.....	21,600	1960-61	177	9	1
Nigeria.....	30,062	1959	2,776	166	2
Union of South Africa.....	14,418	1958	2,067	356	30
United Arab Republic.....	29,064	1960-61	2,667	553	101
ASIA					
China (Mainland).....	699,000	1959	90,000	9,990	810
India.....	397,300	1958-59	24,182	14,426	913
Indonesia.....	87,300	1959-60	8,221	1,071	50
Israel.....	1,997	1959-60	469	59	12
Japan.....	91,760	1960-61	13,333	9,185	652
Korea, North.....	8,000	1967	2,300	66	.....
Korea, Republic of.....	22,505	1960	3,637	819	98
Pakistan.....	85,635	1959-60	4,606	1,419	140
Philippines.....	24,010	1959-60	4,153	727	250
Saudi Arabia.....	6,036	1960-61	104	14	(⁴)
Thailand.....	24,474	1960	3,608	678	44
Turkey.....	25,982	1959-60	2,788	447	59
Viet-Nam, North.....	15,000	1957-58	1,006	.....	4
Viet-Nam, Republic of.....	12,800	1959-60	1,224	166	8
EUROPE					
Austria.....	7,021	1960-61	802	308	39
Belgium.....	9,058	1959-60	1,353	451	41
Czechoslovakia.....	13,470	1960-61	2,428	234	57
France.....	44,584	1959-60	7,167	2,068	195
Germany:					
Federal Republic.....	52,150	1959-60	4,998	3,225	228
West Berlin.....	2,224	1959-60	140	136	24
Eastern Germany.....	17,355	1960-61	2,201	726	61
Italy.....	48,735	1958-59	5,764	1,916	176
Netherlands.....	11,186	1960-61	1,859	751	41
Poland.....	28,783	1959-60	4,927	667	116
Rumania.....	18,059	1960-61	2,701	441	65
Spain.....	29,662	1959-60	3,920	665	76
United Kingdom.....	51,870	1959-60	4,382	5,535	97
Yugoslavia.....	18,189	1959-60	2,659	330	105
NORTH AMERICA					
Canada.....	17,048	1959-60	3,345	885	87
Canal Zone.....	57	1957-58	10	3	1
Cuba.....	6,466	1960-61	1,326	125	18
Guatemala.....	3,546	1960	299	27	4
Mexico.....	32,348	1960	8,099	362	87
Puerto Rico.....	2,321	1959-60	528	100	29
United States.....	174,782	1961-62	34,000	10,800	4,300
Virgin Islands (U.S.A.).....	31	1960	6	1	.....
OCEANIA					
American Samoa.....	21	1958-59	5	(⁴)	.....
Australia.....	9,846	1960	1,564	572	71
Guam.....	39	1957-58	14	3	1
New Zealand.....	2,282	1960	443	123	16
SOUTH AMERICA					
Argentina.....	20,248	1960	2,888	587	155
Brazil.....	62,725	1960	7,715	1,198	75
Colombia.....	13,522	1960	1,733	249	23
Peru.....	10,213	1960	1,392	180	25
U.S.S.R.....	⁵ 208,826	1960-61	⁶ 23,115	⁶ 6,059	1,696

¹ First level includes preschool and elementary school enrollment where the main function is to provide basic instruction in the tools of learning.

² Second level includes general, vocational, and teacher-training enrollment at the secondary level. Entrance to secondary schools requires at least four years previous instruction at the first level.

³ Third level includes colleges and universities that require the successful completion of education at the second level as a minimum entrance requirement.

⁴ Less than 500.

⁵ Data for 1959.

⁶ Excludes primary and secondary education for working rural youths, adults, and special education, with enrollments totaling 2,906,000.

Source: United Nations Educational, Scientific, and Cultural Organization, Paris, *Basic Facts and Figures 1960*; and *Current School Enrollment Statistics*, 1962 edition.

Table 129.—Estimated number of full-time professional librarians,¹ by type of library in which employed: United States, fiscal years 1959 through 1964

Type of library	1959	1960	1961	1962	1963	1964
1	2	3	4	5	6	7
All librarians.....	69,100	61,500	63,400	65,300	67,700	69,700
Public elementary and secondary school.....	² 19,400	20,000	20,600	21,300	22,100	22,800
Nonpublic elementary and secondary school.....	³ 3,100	3,200	3,400	3,500	3,700	3,800
College and university.....	8,800	² 9,000	² 9,700	² 10,300	11,300	11,900
Public library.....	19,200	² 19,500	19,800	20,200	20,400	20,800
Special library.....	9,600	9,800	9,900	10,000	10,200	10,400

¹ Includes the number of full-time equivalents of part-time professional librarians. Excludes 15,000 to 20,000 part-time and partly trained librarians.

² Actual data from an Office of Education survey.

³ Estimate based on survey of libraries serving population of 35,000 or over.

METHOD OF ESTIMATION: The estimates are based upon actual and estimated data for number of librarians, population, and school enrollment for the fiscal years 1959 through 1963. It is assumed that the ratio of librarians to population or enrollment remained constant throughout the period. The ratios used for each type of library are as follows:

Public elementary and secondary school libraries—0.0569 percent of enrollment. (Actual data for 1958-59.)

Nonpublic elementary and secondary school libraries—Same ratios as used for public school libraries. (The 1962 Office of Education school building inventory indicates that the average number of pupils per centralized school library for nonpublic schools is almost the same as for public schools.)

College and university libraries—0.2707 percent of enrollment. (Actual data for 1960-61.)

Public libraries—0.0108 percent of the total July 1st population. (Actual data for 1959-60.)

Special libraries—0.0054 percent of the total July 1st population. (Estimated for fiscal year 1962 by the Library Services Branch of the Office of Education.)

SOURCE: Office of Education estimates.

Table 130.—General statistics of college and university libraries: United States and outlying areas, 1959-60, 1960-61, 1961-62, and 1962-63

Item	1959-60	1960-61	1961-62	1962-63 ¹
1	2	3	4	5
Number of libraries.....	1,951	1,975	1,985	2,100
Number of students served (enrollment).....	3,402,000	3,610,000	3,900,000	4,200,000
COLLECTIONS				
Number of volumes at end of year.....	176,721,000	189,110,000	201,400,000	214,000,000
Number of volumes per student.....	51.9	52.4	51.6	51.0
Number of volumes added during year.....	8,415,000	9,396,000	10,900,000	12,500,000
Number of volumes added per student.....	2.5	2.6	2.8	3.0
Number of periodicals received.....	1,271,000	1,399,000	1,505,000	1,600,000
Number of periodicals per student.....	0.4	0.4	0.4	0.4
PERSONNEL				
All personnel (in full-time equivalents, excluding maintenance staff).....	18,000	19,500	21,100	22,600
Professional personnel.....	9,000	9,700	10,300	11,000
Professional personnel as a percentage of total staff.....	50	50	49	49
Nonprofessional personnel.....	9,000	9,800	10,800	11,600
Nonprofessional personnel as a percentage of staff.....	50	50	51	51
Number of hours of student assistance.....	12,062,000	13,204,000	14,200,000	15,000,000
OPERATING EXPENDITURES				
Total operating expenditures (excludes capital outlay).....	\$137,245,000	\$158,904,000	\$183,700,000	\$209,000,000
Operating expenditures per student.....	\$40.34	\$44.02	\$47.15	\$49.76
Operating expenditures as a percentage of educational and general expenditures.....	3.0	3.1	3.2	3.5
Salaries (all personnel not on hourly rates).....	\$72,495,000	\$83,782,000	\$95,900,000	\$108,000,000
Salaries as a percentage of operating expenditures.....	52.8	52.7	52.2	51.6
Salaries as a percentage of educational and general expenditures.....	1.6	1.6	1.7	1.8
Wages (at hourly rates of pay).....	\$11,680,000	\$13,889,000	\$15,500,000	\$17,500,000
Wages as a percentage of operating expenditures.....	8.5	8.7	8.5	8.4
Expenditures for books and library materials.....	\$40,780,000	\$48,301,000	\$56,400,000	\$65,000,000
Such expenditures as a percentage of operating expenditures.....	29.7	30.4	30.7	31.1
Expenditures for binding.....	\$4,852,000	\$5,000,000	\$6,200,000	\$7,500,000
Such expenditures as a percentage of operating expenditures.....	3.6	3.2	3.4	3.6
Other operating expenditures.....	\$7,458,000	\$7,982,000	\$9,700,000	\$11,000,000
Other operating expenditures as a percentage of operating expenditures.....	5.4	5.0	5.3	5.3

¹ Estimated.

NOTE.—Includes estimates for nonreporting institutions.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Library Statistics of Colleges and Universities, Institutional Data*.

Table 131.—General statistics of centralized public school libraries in school systems of 150 pupils or more, by level of school: United States, 1962-63

Item	Total	Elementary schools only	Secondary schools only	Combined elementary-secondary
1	2	3	4	5
Number of school systems.....	15,567			
Number of schools.....	83,428	50,656	16,806	6,883
Number of schools with centralized libraries.....	49,158	26,516	16,457	6,169
Percentage of schools with centralized libraries.....	58.9	44.4	97.4	89.6
Number of pupils in school systems.....	37,252,102	21,428,275	12,482,364	3,341,467
Number of pupils in schools with centralized libraries.....	27,671,105	12,384,415	12,197,327	3,089,365
Percentage of pupils in schools with centralized libraries.....	74.3	57.8	97.7	92.5
Number of volumes in centralized libraries.....	171,585,746	71,250,563	79,792,834	20,542,349
Number of volumes per pupil.....	6.2	5.8	6.5	6.6
Expenditures for books in centralized libraries.....	\$63,208,402	\$23,760,050	\$33,369,745	\$6,078,715
Expenditure per pupil.....	\$2.28	\$1.92	\$2.74	\$1.97
Number of schools with centralized libraries served by school librarians ¹	33,478	13,473	15,235	4,751
Percentage such schools are of the total number with centralized libraries.....	68.1	50.8	92.6	77.0
Total number of school librarians.....	29,695	8,499	16,472	4,711
Number of school librarians with 15 or more semester hours of library science.....	23,191	5,972	13,899	3,308
Percentage such school librarians are of the total number.....	78.1	70.3	84.4	70.2
Number of school librarians with 6 to 14 semester hours of library science.....	6,491	2,519	2,564	1,404
Percentage such school librarians are of the total number.....	21.8	29.6	15.6	29.8
Number of centralized libraries with audiovisual materials in their collection.....	27,663	13,262	10,298	4,806
Percentage such libraries are of the total number with centralized libraries.....	56.4	50.1	62.7	66.2

¹ School librarians are defined as certified personnel employed by the school board who have not less than six semester hours of library science, and who are assigned at least half of the regular workweek to service as school librarians.

NOTE.—Components do not add to totals because they were inflated independently.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Public School Library Statistics, 1962-63*.

Table 132.—General statistics of public libraries serving populations of 35,000 and over: United States and outlying areas, fiscal years 1960 and 1962

Item	1960	1962
1	2	3
Number of libraries.....	823	856
Population of specific area served.....	112,566,173	116,513,387
<i>Collections</i>		
Volumes at end of year.....	130,637,992	161,125,075
Volumes per capita.....	1.16	1.38
Volumes added during year.....	10,801,738	12,579,112
Volumes added per capita.....	.09	.11
<i>Circulation</i>		
Total.....	454,706,211	510,007,671
Circulation per capita.....	4.04	4.38
<i>Personnel</i>		
Total (in full-time equivalents, including building staff).....	35,464	40,141
Professional personnel.....	10,748	12,139
Professional personnel as a percentage of total staff.....	30.3	30.2
Number of professional vacancies.....	812	961
Professional vacancies as a percentage of professional staff.....	7.6	7.9
Total cost.....	\$234,185,308	\$268,524,038
<i>Capital Outlay</i>		
Total.....	\$34,960,437	\$18,585,375
Capital outlay per capita.....	\$0.31	\$0.16
Capital outlay as a percentage of total cost.....	14.9	6.9
<i>Operating Expenditures</i>		
Total.....	\$199,224,866	\$249,938,663
Operating expenditures per capita.....	\$1.77	\$2.15
Operating expenditures as a percentage of total cost.....	85.1	93.1
Expenditures for library materials.....	\$30,037,179	\$38,810,706
Such expenditures per capita.....	\$0.27	\$0.33
Such expenditures as a percentage of operating expenditures.....	15.1	15.5
Expenditures for binding and rebinding.....	\$3,363,568	\$4,116,339
Such expenditures as a percentage of operating expenditures.....	1.7	1.6
Other expenditures.....	\$29,948,514	\$40,902,967
Other expenditures as a percentage of operating expenditures.....	15.0	16.4
<i>Salaries</i>		
Total (all personnel).....	\$125,875,575	\$166,108,651
Salaries as a percentage of operating expenditures.....	68.2	66.5
Salaries as a percentage of total cost.....	58.0	61.9
Professional salaries.....	\$58,106,646	\$69,765,132
Professional salaries as a percentage of total salary.....	42.8	42.0
Average professional salary.....	\$5,406	\$5,748
Other salaries.....	\$77,768,929	\$96,343,519
Other salaries as a percentage of total salaries.....	57.2	58.0
Average salary of other than professional personnel.....	\$3,147	\$3,410

Source: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of Public Libraries*.

Table 133.—Number of public libraries, by State: Fiscal year 1962

Region and State	Number of libraries ¹	Region and State	Number of libraries ¹
1	2	1	2
United States	8,329	SOUTHEAST—Continued	
NORTH ATLANTIC	2,764	Georgia.....	95
Connecticut.....	204	Kentucky.....	146
Maine.....	248	Louisiana.....	53
Massachusetts.....	373	Mississippi.....	56
New Hampshire.....	238	North Carolina.....	130
Rhode Island.....	75	South Carolina.....	54
Vermont.....	219	Tennessee.....	163
Delaware.....	19	Virginia.....	72
District of Columbia.....	1	West Virginia.....	64
Maryland.....	31	WEST AND SOUTHWEST	1,340
New Jersey.....	321	Alaska.....	29
New York.....	645	Arizona.....	59
Pennsylvania.....	380	California.....	208
GREAT LAKES AND PLAINS	3,107	Colorado.....	132
Illinois.....	467	Hawaii.....	4
Indiana.....	245	Idaho.....	84
Michigan.....	313	Montana.....	65
Ohio.....	263	Nevada.....	21
Wisconsin.....	299	New Mexico.....	44
Iowa.....	433	Oklahoma.....	116
Kansas.....	282	Oregon.....	100
Minnesota.....	209	Texas.....	285
Missouri.....	165	Utah.....	52
Nebraska.....	252	Washington.....	117
North Dakota.....	92	Wyoming.....	24
South Dakota.....	87	Outlying areas	13
SOUTHEAST	1,128	American Samoa.....	0
Alabama.....	84	Canal Zone.....	1
Arkansas.....	58	Guam.....	1
Florida.....	153	Puerto Rico.....	7
		Virgin Islands.....	4

¹ In most cases this number is for library systems. For example, only one library is shown for the District of Columbia even though it has several branches.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, *Statistics of Public Libraries: 1962*.

Table 134.—Approximate number of scientists and engineers employed, by sector and type of work: United States, 1960

[In thousands]

Type of work	Total	Industry	Government ¹	Colleges and universities	Other
1	2	3	4	5	6
Total	1,275	845	185	155	70
Research.....	135	55	15	50	15
Development.....	290	240	40	5	5
Production, operations.....	395	340	35	(²)	20
Administration, management.....	125	75	30	10	10
Teaching.....	80	(²)	(²)	80	(²)
Other.....	250	155	65	10	20

¹ Includes employees of Federal, State, and local governments.

² Estimated at less than 1,000.

SOURCE: National Science Foundation, *Profiles of Manpower in Science and Technology*.

Table 135.—Number and full-time equivalents of employed scientists and engineers in all colleges and universities,¹ by field of science: March 1, 1961

Field of science	Head count			Total full-time equivalents	Percent distribution			
	Total	Full-time	Part-time		Head count			Total full-time equivalents
					Total	Full-time	Part-time	
1	2	3	4	5	6	7	8	9
Total	175,600	115,000	60,000	140,500	100	100	100	100
ENGINEERING	27,300	18,600	8,700	22,400	16	16	14	16
Aeronautical.....	1,300	900	400	1,000	1	1	1	1
Chemical.....	2,400	1,300	1,100	1,800	1	1	2	1
Civil.....	3,800	2,600	1,300	3,100	2	2	2	2
Electrical.....	7,400	5,300	2,100	6,200	4	5	3	4
Mechanical.....	6,000	4,300	1,700	5,000	3	4	3	4
Agricultural.....	800	700	100	800	1	1	(²)	1
Other.....	5,600	3,600	2,000	4,500	3	3	3	3
PHYSICAL SCIENCES	49,100	30,000	19,100	38,400	28	26	31	27
Mathematics.....	14,800	9,500	3,300	11,700	8	8	9	8
Physics.....	13,700	8,300	5,400	10,700	8	7	9	8
Chemistry.....	15,700	9,300	6,500	12,200	9	8	11	9
Earth sciences.....	3,900	2,300	1,600	3,000	2	2	3	2
Other.....	900	600	300	700	1	1	(²)	(²)
LIFE SCIENCES	63,200	42,600	20,600	51,100	36	37	34	36
Anatomy.....	1,900	1,300	600	1,600	1	1	1	1
Biochemistry.....	3,200	2,200	1,100	2,700	2	2	2	2
Microbiology.....	3,000	2,000	1,000	2,400	2	2	2	2
Pathology.....	2,100	1,600	500	1,800	1	1	1	1
Pharmacology.....	1,400	1,000	400	1,200	1	1	1	1
Physiology.....	1,900	1,300	600	1,500	1	1	1	1
Biology.....	6,100	4,400	1,700	5,100	3	4	3	4
Botany.....	3,600	2,500	1,200	3,000	2	2	2	2
Entomology.....	1,300	800	400	1,000	1	1	1	1
Zoology.....	3,500	2,200	1,300	2,800	2	2	2	2
Clinical science.....	23,400	14,800	8,600	17,800	13	13	14	13
Commodity related agricultural.....	8,800	6,500	2,300	7,700	5	6	4	5
Other life sciences.....	2,900	2,000	900	2,500	2	2	1	2
SOCIAL SCIENCES	28,900	18,500	8,400	21,900	15	16	14	16
Economics.....	8,200	5,500	2,700	4,600	5	5	4	5
Geography.....	1,700	1,200	500	1,400	1	1	1	1
Sociology.....	4,500	3,100	1,500	3,600	3	3	2	3
History.....	6,800	5,000	1,800	5,700	4	4	3	4
Political science.....	3,800	2,600	1,200	3,100	2	2	2	2
Other.....	1,900	1,200	700	1,400	1	1	1	1
PSYCHOLOGY	9,200	5,300	3,900	6,800	5	5	6	5

¹ Included are Federal contract research centers and agricultural experiment stations with their associated colleges of agriculture.

² Less than one-half of one percent.

NOTE.—Detail may not add to totals because of rounding. Percentages are based on the unrounded figures.

SOURCE: National Science Foundation, *Reviews of Data on Research and Development*, January 1963.

Table 136.—Full-time equivalents of scientists and engineers employed in colleges and universities granting graduate degrees in science and engineering,¹ by function and field of science: March 1, 1961

Field of science	Full-time equivalents				Percent distribution			
	Total	Teaching ²	R&D	Other activities	Total	Teaching	R&D	Other activities
1	2	3	4	5	6	7	8	9
Total	112,900	54,500	48,900	10,500	100	48	43	9
ENGINEERING	20,300	9,700	9,400	1,200	100	48	46	6
Aeronautical.....	1,000	400	800	100	100	36	59	5
Chemical.....	1,800	800	900	100	100	44	52	4
Civil.....	2,800	1,700	800	300	100	62	29	9
Electrical.....	5,700	2,400	3,100	200	100	42	55	3
Mechanical.....	4,400	2,200	2,000	200	100	49	45	6
Agricultural.....	700	300	400	100	100	34	48	18
Other.....	3,900	2,000	1,600	300	100	52	41	7
PHYSICAL SCIENCES	29,400	15,300	13,100	1,000	100	52	45	3
Mathematics.....	7,800	5,500	2,100	200	100	70	27	3
Physics.....	8,900	3,600	5,100	200	100	40	57	3
Chemistry.....	9,400	4,600	4,400	400	100	49	47	4
Earth sciences.....	2,700	1,300	1,200	200	100	49	44	7
Other physical sciences.....	600	300	300	(³)	100	48	47	5
LIFE SCIENCES	45,000	16,300	21,800	6,900	100	36	48	16
Anatomy.....	1,400	600	700	100	100	45	50	5
Biochemistry.....	2,600	600	1,900	100	100	23	72	5
Microbiology.....	2,200	800	1,300	100	100	38	56	6
Pathology.....	1,700	500	800	400	100	31	46	23
Pharmacology.....	1,100	400	600	100	100	38	50	12
Physiology.....	1,400	600	700	100	100	42	52	6
Biology.....	2,500	1,600	800	100	100	66	31	3
Botany.....	2,200	900	1,100	100	100	42	52	6
Entomology.....	1,000	200	700	100	100	20	70	10
Zoology.....	1,900	1,100	600	100	100	62	34	4
Clinical sciences.....	17,400	6,300	6,900	4,200	100	36	40	24
Commodity related agricultural.....	7,300	1,800	4,500	1,100	100	24	61	15
Other life sciences.....	2,100	700	1,200	300	100	31	55	14
SOCIAL SCIENCES	14,500	10,400	3,200	900	100	72	22	6
Economics.....	4,800	3,000	1,400	400	100	62	29	9
Geography.....	900	700	200	(³)	100	79	17	4
Sociology.....	2,200	1,600	500	100	100	72	22	6
History.....	3,300	2,800	400	100	100	85	12	3
Political science.....	2,200	1,600	400	100	100	76	19	5
Other social sciences.....	1,200	700	300	100	100	63	29	8
PSYCHOLOGY	4,500	2,700	1,400	400	100	60	31	9

¹ Included are the 306 colleges and universities granting graduate degrees in one or more fields of the engineering, natural, or social sciences or psychology. Data include Federal contract research centers and agricultural experiment stations with their associated colleges of agriculture.

² Almost all (99%) of scientists and engineers employed for R & D and other activities are in institutions granting graduate degrees. Therefore the number employed as teachers in all institutions may be derived by subtracting the R & D and other figures shown here from the appropriate figures in the preceding table.

³ Less than 50.

NOTE.—Detail may not add to totals because of rounding. Percentages are based on the unrounded figures.

SOURCE: National Science Foundation, *Reviews of Data on Research and Development*, January 1963.

Table 137.—Sources of funds used for research and development: United States, 1953-54 to 1961-62

[In millions of dollars]

Year	Total	Federal Government	Industry	Colleges and universities	Other nonprofit institutions
1	2	3	4	5	6
1953-54.....	\$5,150	\$2,740	\$2,240	\$130	\$40
1954-55.....	5,620	3,070	2,365	140	45
1955-56.....	6,390	3,670	2,510	155	55
1956-57.....	8,670	5,095	3,325	180	70
1957-58.....	10,100	6,390	3,450	190	70
1958-59.....	11,130	7,170	3,680	190	90
1959-60.....	12,680	8,320	4,080	200	100
1960-61 ¹	13,890	9,010	4,550	210	120
1961-62 ¹	14,740	9,650	4,705	230	155

¹ Preliminary estimate.

NOTE.—With the exception of data for 1953-54 and 1957-58, the years in which surveys covered all sectors, data represent estimates only.

SOURCE: National Science Foundation, *Reviews of Data on Research and Development*, September 1963.

Table 138.—Funds used in the performance of basic research, applied research, and development: United States, 1961-62

[In millions of dollars]

Sector	Total	Basic research	Applied research	Development
1	2	3	4	5
Total	\$14,740	\$1,488	\$3,178	\$10,074
Federal Government.....	2,090	238	696	1,246
Industry.....	10,870	403	1,965	8,512
Colleges and universities.....	1,400	695	457	248
Other nonprofit institutions.....	380	152	160	68

NOTE.—Data are preliminary estimates.

SOURCE: National Science Foundation, *Reviews of Data on Research and Development*, September 1963.

Table 139.—Sources of funds used for basic research: United States, 1953-54 to 1961-62

(In millions of dollars)

Year	Total	Federal Government	Industry	Colleges and universities	Other nonprofit institutions
1	2	3	4	5	6
1953-54	\$432	\$195	\$147	\$62	\$28
1954-55	485	(1)	(1)	70	35
1955-56	547	(1)	(1)	75	38
1956-57	694	(1)	(1)	90	46
1957-58	834	422	249	111	52
1958-59	975	524	275	118	58
1959-60	1,064	578	275	140	71
1960-61 ²	1,256	684	328	161	83
1961-62 ²	1,488	849	351	180	108

¹ Data not available.
² Preliminary estimate.

NOTE.—With the exception of data for 1953-54 and 1957-58, the years in which surveys covered all sectors, data represent estimates only.

SOURCE: National Science Foundation, *Reviews of Data on Research and Development*, September 1963.

Table 140.—Research and development funds related to the gross national product United States, 1953-54 to 1961-62

(In millions of dollars)

Year ¹	Gross national product	Research and development funds	
		Total	As percentage of gross national product
1	2	3	4
1953-54			
1954-55	\$365,385	\$5,150	1.41
1955-56	363,112	5,620	1.55
1956-57	397,409	6,390	1.61
1957-58	419,180	8,670	2.07
	442,769	10,100	2.28
1958-59			
1959-60	444,546	11,130	2.50
1960-61	482,704	12,680	2.63
1961-62	502,601	² 13,890	2.76
	518,173	² 14,740	2.84

¹ Gross national product data refer to calendar years, 1953, 1954, et seq.
² Preliminary estimate.

NOTE.—With the exception of data for 1953-54 and 1957-58, the years in which surveys covered all sectors, data on research and development funds represent estimates only.

SOURCES: National Science Foundation, *Reviews of Data on Research and Development*, September 1963; and U.S. Department of Commerce, Office of Business Economics, *Survey of Current Business*, July 1963.

APPENDIX

Functions and Structure of the U.S. Office of Education

A CHARACTERISTIC of the American system of education is its decentralized control. Final authority and responsibility on most matters in this field rest with the individual States, which have in turn delegated this authority and responsibility to local city, county, or district school boards.

Thus, until recent years the function of the United States Office of Education was considered to be that of fact-finding and reference work, rather than the administration of an educational program. Within the last few years, however, certain responsibilities connected with the administration of Federal programs of education, especially those transcending State lines, have been assigned by the Congress to the Federal Office of Education.

The Office has been organized to meet these responsibilities and at the same time carry on its original fact-finding and fact-disseminating duties. The accompanying chart depicts the present organizational structure of the Office.

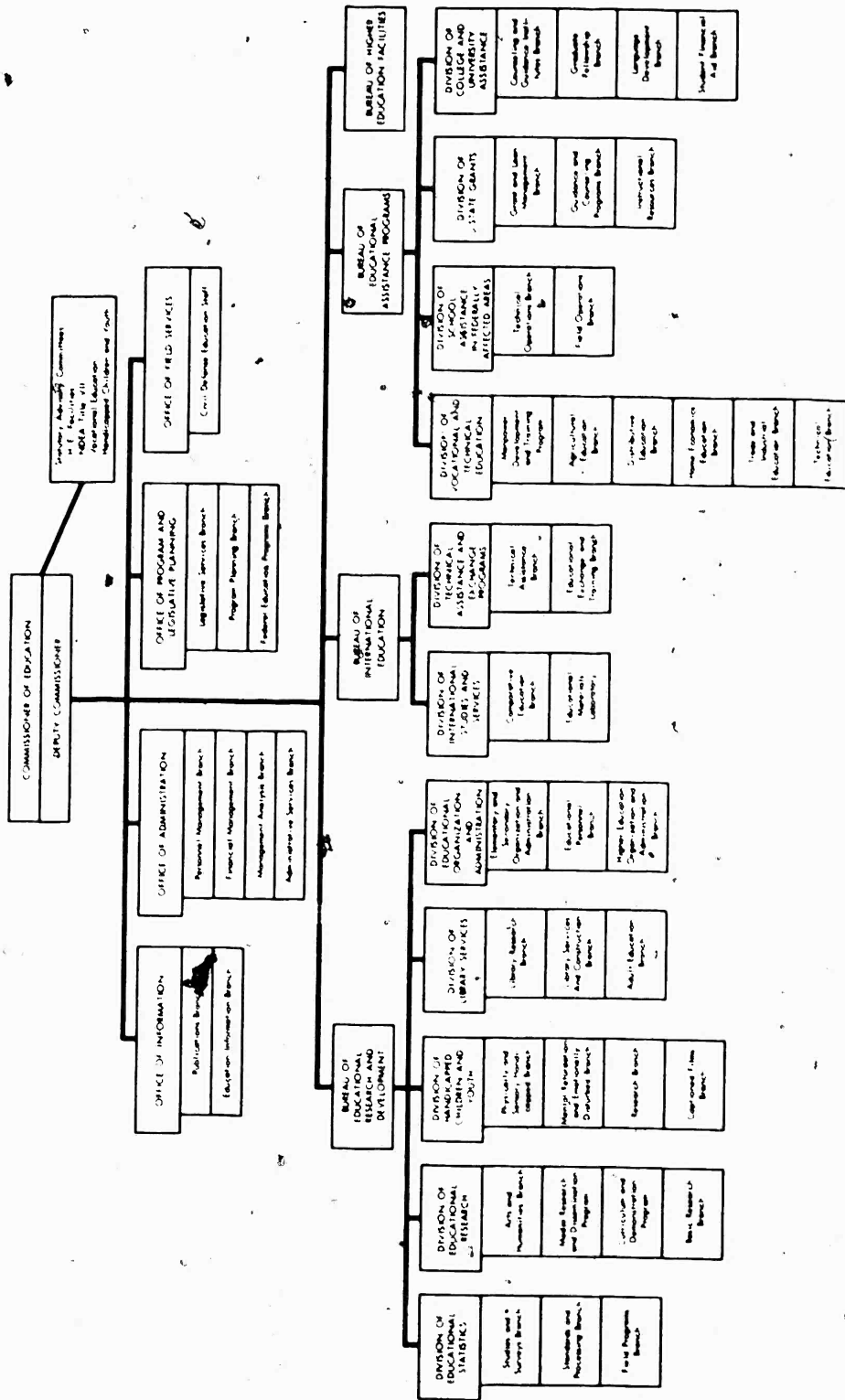
At the head of the Office stands the Commissioner of Education, appointed by the President with the advice and consent of the Senate. The Commissioner is assisted by a Deputy Commissioner, three Associate Commissioners, and a staff of approximately 1,200 other employees, practically all of whom are employed and compensated in accordance with Civil Service rules and regulations.

The program operations of the Office are grouped into three bureaus, each under the supervision of an Associate Commissioner. The Bureau of Educational Research and Development carries out most of the legal responsibility, specified in the original law of 1867, of collecting and disseminating "statistics and facts" on education. In some cases the data series set up in the early days of the Office have continued unbroken to the present, thus providing a wealth of factual material on which to base studies of various sorts. In administering this Bureau, the Associate Commissioner works through five Division Chiefs, of whom two have the rank of Assistant Commissioner.

The Bureau of International Education carries on the dual responsibilities of (1) fact-finding in the field of education outside the United States, and (2) rendering assistance to Americans interested in studying or teaching abroad, or to foreigners interested in these activities in this country. The work of this bureau is handled by an Associate Commissioner, who functions through two Division Chiefs.

The Bureau of Educational Assistance Programs is responsible for the administration of most Federal grants-in-aid handled by the Office. These include Vocational and Technical Education, School Assistance in Federally Affected Areas, State Grants, and College and University Assistance. In administering these programs, the Associate Commissioner works through four Division Chiefs, one of whom carries the rank of Assistant Commissioner.

Figure 4.—Organization of the United States Office of Education, 1964



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