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BIENNIAL  
SURVEY OF EDUCATION  
IN THE UNITED STATES

1946-48

UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1951

# OFFICE OF EDUCATION

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## CONTENTS

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### CHAPTER

1. Statistical Summary of Education, 1947-48.
2. Statistics of State School Systems, 1947-48.
3. Statistics of City School Systems, 1947-48.
4. Statistics of Higher Education, 1947-48.
5. Statistics of Special Schools and Classes for Exceptional Children, 1947-48.
6. Statistics of Libraries in Institutions of Higher Education, 1947-48.
7. Statistics of Nonpublic Secondary Schools, 1947-48.
8. Statistics of Public-School Libraries, 1947-48.

III





*Biennial Survey of Education in the United States—1946-48*

*Chapter 1*

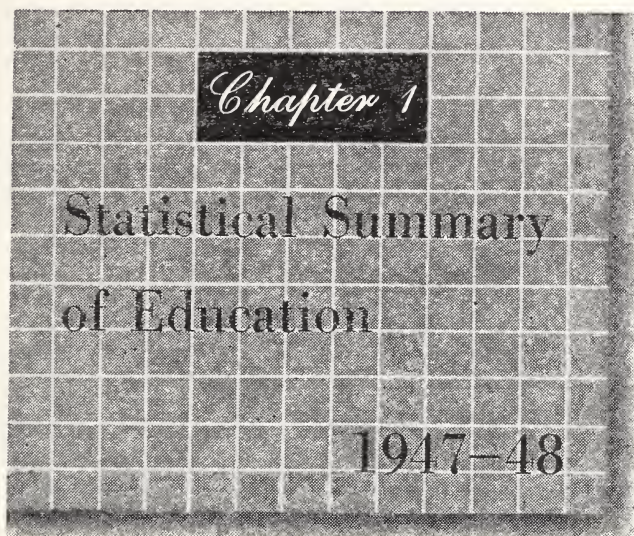
Statistical  
Summary  
of Education

*1947-48*



U.S. Office of Education

Biennial Survey of Education in the United States, 1946-48



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FEDERAL SECURITY AGENCY • OSCAR R. EWING, *Administrator*  
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# CONTENTS

## TEXT

	<i>Page</i>
FOREWORD.....	VI
NUMBER OF ADMINISTRATIVE UNITS.....	1
CONSOLIDATION AND TRANSPORTATION.....	2
ENROLLMENTS.....	2
Elementary schools.....	2
High schools.....	3
Part-time, evening, and summer schools.....	3
Nonpublic elementary and secondary schools.....	3
GRADUATES.....	3
High school.....	3
College.....	4
SELECTED DATA FROM STATISTICS OF STATE SCHOOL SYSTEMS.....	4
HIGHER EDUCATION.....	5
Enrollments.....	5
Staff.....	6
Finance.....	7
Junior colleges.....	7
TEACHERS.....	7
SECONDARY SCHOOLS.....	8
SCHOOLS FOR NEGROES.....	8
SCHOOL RETENTION RATES.....	9
SOURCES OF INCOME FOR EDUCATION.....	9
EXPENDITURES FOR PUBLIC AND PRIVATE EDUCATION.....	10
Expenditures per pupil in State and city school systems.....	10
Federal expenditures for education.....	11
COST OF PHYSICAL PROPERTY AND VALUE OF FUNDS.....	11
FEDERALLY AIDED VOCATIONAL EDUCATION.....	11
INSTITUTIONS OF HIGHER EDUCATION IN OUTLYING PARTS.....	12
STATISTICS OF LIBRARIES IN INSTITUTIONS OF HIGHER EDUCATION, 1946-47.....	12
AVERAGE ANNUAL SALARIES OF PUBLIC-SCHOOL TEACHERS.....	13
VETERANS' TRAINING PROGRAM.....	13
SCHOOL LUNCH PROGRAM.....	13
COMPULSORY SCHOOL ATTENDANCE.....	13
TEACHERS' RETIREMENT.....	14
INTERNATIONAL EDUCATIONAL RELATIONS.....	14

## TABLES

1. Number and type of educational units in the United States which are periodically covered by the Office of Education.....	15
2. Number of schools of specified types, by State, 1947-48.....	16

	<i>Page</i>
3. Decrease in number of 1-teacher public schools in continental United States, 1929-30 to 1947-48.....	17
4. Number of ultimate or basic administrative units, number of 1-teacher schools, and transportation data, by State, 1947-48	18
5. Number of pupils transported and expenditures for transportation, for continental United States, 1929-30 to 1947-48....	20
6. Enrollment in full-time publicly controlled and privately controlled day schools, by level of instruction and control, 1947-48	21
7. Enrollment in full-time publicly and privately controlled day schools, by level of instruction and type of control, 1899-1900 to 1947-48.....	22
8. Percent of civilian population in publicly or privately controlled day schools or colleges, by age, sex, and urban or rural residence, October 1947.....	23
9. Total public and nonpublic elementary school enrollment, and population, 5-13 years of age, 1889-90 to 1947-48.....	23
10. Enrollment, by grade, in public elementary and secondary day schools, 1936-37 to 1947-48.....	24
11. Total public and nonpublic secondary school enrollment, and population, 14-17 years of age, 1889-90 to 1947-48.....	25
12. High-school and college graduates from publicly and privately controlled schools, 1927-28 to 1947-48.....	26
13. Number of persons graduated from public and nonpublic high schools, per 100 persons 17 years of age, 1869-70 to 1947-48	27
14. Length of school term, attendance and enrollment ratios for public elementary and secondary day schools, by State, 1947-48.....	28
15. Financial data for public elementary and secondary day schools, by State, 1947-48.....	30
16. Statistical summary of the public elementary and secondary school system, 1869-70 to 1947-48.....	32
17. Summary data for institutions of higher education, 1939-40, 1945-46, and 1947-48.....	34
18. College enrollment and population 18-21 years of age, 1889-90 to 1947-48.....	36
19. Number of persons graduated from college, per 100 persons 21 years of age, 1869-70 to 1947-48.....	36
20. Enrollment in summer-session and extension and correspondence work in institutions of higher education, 1919-20 to 1947-48	37
21. Number of junior colleges and enrollment in junior colleges, 1919-20 to 1947-48.....	37
22. Number of teachers in schools and colleges, by type of school, and by sex, 1929-30 to 1947-48.....	38
23. Growth of reorganized public high schools in relation to regular public high schools, for specified years.....	39
24. Number of instructional staff, enrollments, and number of high-school graduates in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, 1947-48.....	40

	<i>Page</i>
25. Comparative data on attendance and average expenditures for white and Negro schools in 17 Southern States and the District of Columbia, 1947-48.....	41
26. Number of staff, enrollment, and graduates in institutions for the higher education of Negroes, by State, and by sex, 1947-48. . .	42
27. Number continuing through college per 1,000 pupils enrolled in the fifth grade of public and nonpublic schools in the years indicated.....	42
28. Number continuing through college per 1,000 pupils enrolled in the fifth grade of public and nonpublic schools in the years indicated, by grade or year.....	43
29. Number continuing through high school per 1,000 pupils enrolled in the first year of high school in public and nonpublic schools in the year indicated, by high-school year.....	43
30. Source of income for publicly and privately controlled education, 1947-48.....	44
31. Biennial increases in income for education, by source, 1936-38 to 1946-48.....	44
32. Percentage distribution of receipts from taxation and appropriation for the public elementary and secondary school system, by government source, 1931-32 to 1947-48.....	45
33. Expenditures, including capital outlay, for publicly and privately controlled education, 1947-48.....	45
34. Current expenditure per pupil in average daily attendance in 237 city school systems, 1947-48.....	45
35. Federal funds authorized or expended for educational purposes, 1947-48.....	46
36. Cost of physical property and value of funds for public elementary and secondary schools and for institutions of higher education.....	47
37. Enrollment in federally aided vocational classes operated under State plans, 1947-48.....	48
38. Expenditure of Federal, State, and local money for federally aided vocational classes operated under State plans, 1930-31 to 1947-48.....	48
39. Institutions of higher education in outlying parts of the United States, 1947-48.....	48
40. Distribution of average salary of teachers in 48 States (excluding the District of Columbia), for specified years.....	49
41. Number of veterans in training and expenditures for training and for vocational rehabilitation in specified years.....	50
42. Statement of retirement funds for staff of public elementary and secondary schools, as of July 1, 1948.....	50

# FOREWORD

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THIS CHAPTER of the Biennial Survey of Education brings together, in summary form, both the historical and the most recent data from statistical studies by the Office of Education. The chapter continues the series of periodic reports prepared by the Office of Education since 1871 to show the "condition and progress of education," as required by the organic law establishing the Office. Basic data are presented on the number of school administrative units; the number of schools and colleges; the number of staff members; enrollments and the number of graduates; school-retention rates; educational income, classified by source; educational expenditures, classified by major function; the estimated value of school and college property; and several other related subjects. In scope, the Summary ranges from kindergarten through the university, including in most categories both publicly controlled and privately controlled institutions.

All in all, the Summary covers about 200,000 organized educational units, including elementary and secondary schools, residential schools for exceptional children, libraries, and institutions of higher education. The Summary, however, cannot lay claim to completeness, since no data are collected for an unknown number of private vocational and trade schools; for private schools of art, music, dancing, and dramatics; for private Bible schools not granting theological degrees; for the Armed Forces Institute and private correspondence schools; and for a large amount of unorganized individual and adult education.

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*Chief, Research and Statistical Service*

RALPH C. M. FLYNT,  
*Director, Division of Special Educational Services*



# Statistical Summary of Education 1947-48

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THE purpose of this chapter of the Biennial Survey of Education is to provide a conspectus of education in the United States, based principally on information presented more fully in the various statistical publications of the Office of Education for the biennium ending June 30, 1948. Certain statistics of the Bureau of the Census are also included, in order to add clarity to the statistics collected by the Office of Education. This summary gives data on the number of schools, enrollment of students, number of graduates, number of instructional personnel, amount and source of financial support, amount and purpose of expenditures, retention of pupils at the various levels of our system, and much historical information useful for purposes of comparison.

## *Number of Administrative Units*

Table 1 gives the number and classification of approximately 65,000 agencies and institutions to which questionnaires are periodically sent by the Office of Education. Some of the agencies supply information on many educational units which come under their legal or administrative authority. The reports from the 48 States, the District of Columbia, and the outlying parts of the United States represent the combining of approximately 95,000 (table 4) public-school basic administrative units. During the biennium 1946-48 the Office of Education collected information from 14,951 school systems or institutions. Part of the periodic information covering in all some 200,000 schools, libraries, and institutions of higher education has been collected biennially, but information on school and on college libraries, planned on a 4-year basis, had not been collected for 6 and 7 years, respectively. Data are obtained either by mailed questionnaires or by personal solicitation. Formerly field work as begun about the first of October of the even-numbered years and was completed in March, but for the 1947-48 data, personal solicitation was begun in April 1949 and extended through July.

The number of schools of a specified type is shown, by State, in table 2. The greatest variation from past years is the decrease in the number of elementary schools, mostly due to the decreasing number of 1-teacher schools (table 3) and to consolidation of other small organizational units.

## *Consolidation and Transportation*

Consolidation of schools has progressed rapidly since 1929-30, when there were 149,000 1-teacher (tables 3 and 4) and many other small schools. The number of 1-teacher schools had decreased to 75,000 in 1947-48; this is a decrease of about 50 percent. During 1917-18, 71 percent of all schools were of the 1-teacher type, while 30 years later in 1947-48, only 44 percent were 1-teacher schools.<sup>1</sup>

Transportation increased from nearly 2,000,000 pupils transported in 1929-30 to nearly 6,000,000 in 1947-48 (tables 4 and 5), and during the same period annual expenditures (less the cost of busses) increased from \$55,000,000 to \$176,000,000 (table 5). The per pupil cost for the continental United States was \$30 per year for 1947-48. Since World War II, planning for consolidation of schools has progressed rapidly. The present 24.4 percent of public-school pupils transported may be expected to increase in the future.

## *Enrollments*

Total enrollment in public and private full-time day schools from kindergarten through college increased from 28,450,000 in 1945-46 to 30,156,000 (table 6) in 1947-48, an increase of 1,706,000, or 6 percent. The increase has been nearly 3,000,000 since the low point in 1943-44. The increases during the 4-year period since 1943-44 were: elementary, 1,000,000; secondary, 300,000; and higher education, 1,700,000 (table 7). These increases have been brought about in elementary schools by increased birth rates, in secondary schools by the tendency of a greater percent of the population to continue in school, and in colleges by the number of ex-service men and women finishing their education. According to the Bureau of the Census, 98.5 percent of those aged 7-13 years were in school, as of October 1947 (table 8). This does not include those who were in institutional residence or who were receiving their schooling by home instruction.

### *Elementary Schools*

Enrollments in both elementary public and nonpublic day schools reached their highest point in 1929-30, when 23,718,000 pupils were enrolled (table 7). Elementary enrollments gradually decreased until 1943-44, when there were 19,892,000, a decrease of 3,826,000, or 16.1 percent. The enrollment in 1947-48 was 20,829,000. This represents an increase of about 1,000,000 both in enrollment and in school population (table 9). This increase shows the beginning of the effect of higher birth rates, and judging by the birth rates during the 1940's we may expect

<sup>1</sup> The One-Teacher School—Its Midcentury Status. Office of Education Circular No. 318.

elementary enrollments to be nearly 29,500,000 by 1958. Table 10 shows the change in each grade between 1936-37 and 1947-48.

### *High Schools*

Enrollments in public and nonpublic high schools (grades 9 to 12 and postgraduates) in the continental United States doubled about every 10 years from 1889-90 to 1929-30 (table 11), when the total was 4,800,000. Between 1929-30 and 1939-40 there was an increase of 2,300,000, or 48 percent. This 10-year increase nearly equaled the entire high-school enrollment in 1919-20. During World War II enrollments decreased 1,100,000, but 300,000 of this number had been regained by 1947-48. When the increasing birth rates of the early 1940's will be effective, we may expect an increase of 300,000 more by 1953-54; and by 1954-55 we may expect to pass the 1939-40 enrollment and increase at a greatly accelerated rate until 1965, when enrollments will be about 11,000,000 above grade 8. The ratio of high-school population to the enrollment in high school (table 11) increased from 7 percent in 1889-90 to 74 percent in 1947-48.

### *Part-time, Evening, and Summer Schools*

There were about 2,000,000 pupils in public part-time and evening schools and 126,000 in public summer schools in 1947-48, not included in any of the preceding figures for elementary and high schools.

### *Nonpublic Elementary and Secondary Schools*

During the past 20 years (1927-28 to 1947-48) the enrollments in nonpublic (private and parochial) schools have tended to increase more rapidly than public schools. Public elementary school enrollments decreased 14 percent, while nonpublic elementary school enrollments increased 9.7 percent. Enrollments in public high schools for this period increased 44.5 percent, while those in nonpublic high schools increased 76.6 percent. Historical changes in both public and nonpublic schools are shown in table 7.

## *Graduates*

### *High School*

The number of graduates from public and nonpublic high schools is the best measure of the holding power of these institutions. Aside from the large number of veterans entering colleges since the war, from past experience we can assume that about one-third of all high-school graduates will enter college the fall following their graduation. The combined number of public and nonpublic high-school graduates reached its highest point in 1941-42, when 1,242,000 pupils were graduated (table 13). The number graduating had decreased until only 1,019,000 were graduated

during the year 1943-44. This number increased to 1,190,000 in 1947-48. We can appreciate the rapid increase in the number of high schools when we compare 16,000 graduates in 1869-70, 105,000 in 1903, 528,000 in 1925, and 1,015,000 in 1936 with 1941-42 and 1947-48. The ratio of the number of high-school graduates to the number of persons 17 years of age was 2 percent in 1869-70. This had increased to 6.4 percent by 1899-1900 and to 54 percent in 1947-48.

### *College*

The increase in the number of college graduates with a baccalaureate degree, like the increase in the number of high-school graduates, leads to the conclusion that education above the elementary level is a modern activity. For 12 years after 1869-70 (the first year for which the Office collected data) the number of baccalaureate degrees averaged 10,000 per year. By 1899-1900 the number of graduates had increased to 25,000 per year, and by 1926-27 there were 104,000 bachelor's degrees granted. During 1947-48, 271,000 received their bachelor's degree. It is believed that the number receiving bachelor's degrees in 1949-50 will be 434,000. As the number of ex-service men in colleges decreases we may expect a marked decrease in the number of graduates. There were 42,400 who received their master's degrees in 1947-48 (table 12). This compares with 2,918 in 1917-18 and 12,387 in 1927-28. There were 4,188 doctor's degrees in course granted in 1947-48 compared with 562 degrees in 1917-18 and 1,447 in 1927-28. Honorary or unearned degrees are not included in this paragraph.

### *Selected Data From Statistics of State School Systems*

Because of the wide demand for certain items of public elementary and secondary school statistics for each State by persons who do not need the complete detail given in *Statistics of State School Systems*, four tables of such data (4,14,15, and 16) are included in this summary. Most of the items in these tables have been selected because they indicate the differences among the States.

While the average length of term for the Nation in 1947-48 was 177.6 days, Illinois showed a term length of 186.6 days, as compared with 165.1 days for Kansas and 152.4 days for Mississippi—a difference of 4 and 7 weeks, respectively, in the length of the school term (table 14). The differences in percentage of the total school enrollment that is enrolled in high school vary greatly. The average for the Nation was 23.6 percent, but 11 States had less than 20 percent of the total school population enrolled in high school. The 3 States with the lowest percentages were: South Carolina, 13.4; Mississippi, 14.5; and Louisiana, 15.0. Seven States had over 27 percent in high school. The 3 highest percentages



were, respectively: New York, 29.7; Nebraska, 28.5; and Pennsylvania, 28.4. Thus the 3 highest States show a percentage enrollment in high school that is twice as great as in the 3 lowest States.

The number of pupils enrolled per teacher for the Nation in 1947-48 was 27.8. Of the 15 States having 30 and more pupils enrolled per teacher, Mississippi had 33.7, North Carolina had 33.6, and New Mexico 32.3. Of the 7 States having less than 23 pupils enrolled per teacher, North Dakota had 17.6; Nebraska, 19.0; and South Dakota, 17.0.

Two items with wide variations are (a) teachers' salaries and (b) expenditures per pupil in average daily attendance (table 15). These items show about the same trends. The average salary of instructional staff members (supervisors, principals, and teachers) in 1947-48 was \$2,639 for the Nation. Average salaries range from below \$2,000 in 11 States to above \$3,000 in 12 States. The 5 States paying the lowest average salaries were: Mississippi, \$1,256; Arkansas, \$1,545; North Dakota, \$1,665; South Carolina, \$1,742; and Georgia, \$1,724. The 5 States having the highest average salaries were: Connecticut, \$3,249; Maryland, \$3,321; Washington, \$3,325; New York, \$3,476; and California, \$3,690.

A comparison of data for public elementary and secondary education in the continental United States for the 78 years from 1869-70 (when such information was first collected) to 1947-48 shows the following changes (table 16):

1. Number of classroom teachers: from 200,515 to 860,678.
2. Value of school property: from \$130,383,008 to \$9,212,745,668. A change from \$19 to \$385 per pupil enrolled.
3. Enrollment in high school: from 1.2 to 23.6 percent of total enrollment.
4. Average number of days attended public school by each child 5-17 years of age in the population: from 44.7 days to 123.1 days.
5. Percentage of State support: from 18.4 percent in 1899-1900 to 38.2 in 1947-48 (48 years).
6. Average annual salaries of teachers: from \$189 to \$2,639.
7. Average annual total expenditure per pupil in average daily attendance: from \$15.55 to \$202.81.

## *Higher Education*

### *Enrollments*

Great changes in total enrollment and the composition of the student body took place during World War II and are continuing to do so. During the war military students composed a large segment of the enrollment; since the war, a large number of ex-service personnel have made up much of the enrollment. The percentages of ex-service personnel

in the entire fall enrollments were: 1946, 52 percent; 1947, 48 percent; and 1948, 42 percent. Since the war, enrollments have increased above the prewar high of 1,494,000 during 1939-40 (table 17). In 1947-48 the enrollment of men resident students in the regular session was 1,836,000; women, 780,000; total, 2,616,000 students (table 17). This is the highest enrollment in the history of higher education. Other types of enrollment in 1947-48 in addition to regular session resident college students were:

Resident noncollegiate (elementary and secondary) (estimated).....	72,543
Nonresident collegiate and noncollegiate.....	759,909
Short courses.....	130,497
Individual instruction.....	41,383
Summer session.....	955,429

The sum of the students enrolled in each of the foregoing groups would not represent the exact total number of different students in college since many of the students take more than one short course. The same student may be both a resident and nonresident student during the year. Many summer students register for the regular term.

The ratio of college enrollments to the number of persons of college age, 18-21, amounted to 15 per 100 in 1939-40 (table 18). Because the 1¼ million veterans are almost all over 21 years of age, these have been excluded in calculating the ratio of the number enrolled per 100, aged 18 to 21, in the years following the war. The 15 enrolled (excluding veterans) per 100 within the age group during 1947-48 is equal to the highest in pre-war times. The number graduating with a baccalaureate degree per 100 of the average graduating age reached 7.9 in 1939-40. This number had decreased during the war, but in 1947-48, including an unknown number of ex-service persons, was 11.3 per 100 of the usual graduating age (table 19). The enrollments in institutions of higher education in 1947-48 of nearly one million in the summer session of 1947 and three-fourths of a million in extension and correspondence on the collegiate and noncollegiate level were much higher than at any other time in the history of these institutions (table 20). In ordinary times the expectation has been that about one-third of the high-school graduates will go to college the following fall. The immediate prospects are that by 1954 there will be more than 1¼ million secondary graduates, and about 1½ million by 1958.

### **Staff**

The full-time equivalent of the number of personnel, including all professional, administrative, and regular session instructional staff, increased from 131,552 in 1939-40 to 196,300 in 1947-48 (table 17). Although there were considerable fluctuations in enrollment, the staff showed an orderly increase. The number of regular session students

per staff member as shown above (table 17) was 11.4 in 1939-40 and 13.3 in 1947-48.

### *Finance*

Receipts of colleges and universities may be classified as follows:

1. Funds especially designated for additions to physical plant.
2. Funds to be used for educational and general purposes.
3. Funds for auxiliary enterprises.

Funds designated for additions to physical plant amounted to \$66,000,000 in 1939-40, decreased to \$23,000,000 in 1943-44, but again increased to \$365,000,000 in 1947-48. Receipts for educational and general purposes increased from \$571 million in 1939-40 to \$1,538 million in 1947-48. The part of these receipts that came from Federal, State, and local governments increased from \$214 million in 1939-40 to \$926 million in 1947-48. Much of this increase represents Federal payments for tuition and fees of ex-service personnel attending college. Auxiliary enterprises and activities consist largely of the care and support of dormitories, dining halls, and other activities for the comfort and well-being of students. Increases in these items are partly due to the higher costs of services.

### *Junior Colleges*

Enrollment of the junior college has shown a phenomenal growth since 1919-20, as shown in table 21. Public junior colleges, which numbered but 10 institutions with an enrollment of 2,940 pupils in 1919-20, have grown to 242 institutions with an enrollment of 178,000 in 1947-48. Nearly half of this enrollment is in California, where the junior college is sometimes attached to a secondary school as part of the publicly supported educational system from kindergarten through grade 14. In addition to regular college studies, many California institutions offer terminal courses preparing students for their life's work. While the enrollment of publicly controlled junior colleges increased 60 times in 28 years, that of the privately controlled junior college increased only 12 times during the same period. In 1919-20 there were 42 private junior colleges with an enrollment of 5,162, which increased to 230 junior colleges with an enrollment of 62,000 in 1947-48. The special advantage of the public junior college is that it brings 2 years of college education close to the home of the student.

### *Teachers*

The total number of teachers in all schools, exclusive of supervisors and principals and administrative officers, in the public-school systems decreased from 1,104,000 in 1939-40 to 1,053,000 in 1943-44, but increased



to 1,164,000 in 1947-48 (including about 70,000 with emergency certification only). Since the war, more men have entered the profession (table 22). Increasing birth rates and the resulting increase of enrollments will necessitate many additional teachers. At present the supply of teachers has not caught up with the demands of the elementary schools. By 1957-58 there will be 10 million more pupils for whom teachers will be needed, in addition to new teachers needed to take the places vacated by the normal turn-over of those leaving the profession.

### *Secondary Schools*

Statistics of individual secondary schools are collected less often than those for State and city school systems and institutions of higher education. A study of public secondary schools was made in 1937-38 and again in 1945-46. The changes in the plan of organization of public secondary education between 1917-18 and 1945-46 are shown in table 23. Because of changes in the definitions of the various types of reorganized schools in the 1918, 1922, and 1926 studies, valid comparisons can only be made of data since 1926. The number of regular high schools was 14,184 in 1925-26 and 13,625 in 1945-46. During the same period the total number of reorganized high schools changed from 3,526 to 10,322 in 1945-46. Other changes in number of schools in the 20-year period were: junior high schools, from 1,108 to 2,647; junior-senior high schools, from 1,350 to 3,032; undivided high schools, from 653 to 3,326 in 1945-46; and senior high schools, from 415 to 1,317.

A study of nonpublic secondary schools was made in 1940-41 and in 1947-48. There were 602,484 pupils enrolled in these schools in 1947-48 (table 6).

### *Schools for Negroes*

Segregation of white and Negro pupils in public and nonpublic schools and institutions of higher education is practiced in 17 States and the District of Columbia (tables 24, 25, and 26). This practice necessitates separate grounds, buildings, equipment, and instructional personnel. Numerous noteworthy differences are found between schools for whites and Negroes (table 25); a few of these are listed below (data for the 17 States practicing segregation and the District of Columbia, as of 1947-48):

<i>Item</i>	<i>White schools</i>	<i>Negro schools</i>
Average length of school term.....	176.2	171.6
Average number of days attended by each pupil enrolled.....	153.4	143.1
Average pupil-teacher load.....	29	34
Current expenditure per pupil in average daily attendance (9 States).....	\$136.73	\$74.67
Average salary per member of instructional staff (14 States)--	\$2,271	\$1,742

There were 79,000 students in the 103 institutions of higher education for Negroes. These institutions granted 8,500 baccalaureate and 433 master's degrees in 1947-48. No doctorates, in course, have been given by Negro institutions of higher education, but doctorates have been earned by Negroes attending nonsegregated institutions. It is, however, interesting to remember that the first doctorate in the United States given to a white person was in 1866, and the first to a Negro was in 1876. In addition to the higher education institutions for Negroes in the 17 States and the District of Columbia, there are 2 institutions for Negroes in Pennsylvania, 2 in Ohio, and 1 in Kansas.

### *School Retention Rates*

The large number of ex-service students that entered college several years after graduation from high school, with varying amounts of advance credit, makes it impossible to calculate a retention rate extending to college graduation, until the relationship between college and high-school enrollments is normal again. For this reason, no college figure is given in table 27 for 1947 or 1948. In the biennium 1946-48 there seemed to be a great increase in the holding power of the high school through graduation: thus, there were 481 graduates in 1948 from 1,000 who entered the fifth grade, as compared with only 419 graduates in 1946 of 1,000 who entered the fifth grade (tables 28 and 29). This increase, however, may be due to ex-service students who were given delayed high-school diplomas in 1948, but who were not included in the fifth grade in 1940-41. No data are available on the number of such diplomas given to veterans. What has happened to the retention rates for the normal group of students will not be apparent until after the special educational programs for veterans is terminated.

### *Sources of Income for Education*

The total income (table 30) for all organized education during 1947-48 was \$6,493,000,000, an increase of \$2,028,000,000 or 45.4 percent over 1945-46. The percentage from each source was: Governmental appropriations and taxations, Federal, State, and local, 82.3; student fees, 4.7; private subsidies, gifts and grants, 1.4; and other sources, 11.6. The extent to which education is both public and free is shown by these figures. The percent of public participation in education continued to increase from 74.2 percent in 1945-46 to 82.3 percent in 1947-48. The expenditures by the students for textbooks, supplies, and other incidental expenses to take advantage of education are not included in these total income data, as they do not pass through the accounts of the institutions. Many States pay for most of these items in public elementary and secondary schools.

The income for education in 1947-48 was \$3,154,000,000 (94.5 percent) more than the income 10 years before in 1937-38. About 82 percent of this increase was from public funds. The increase from each major source for each biennium in the decade is given in table 31. The division of the increase for the last decade, 1937-38 to 1947-48, was as follows:

<i>Source</i>	<i>Amount</i>	<i>Percent</i>
Public funds.....	\$2,573,000,000	81.6
Student fees.....	126,000,000	4.0
Gifts.....	34,000,000	1.1
Other sources.....	421,000,000	13.3
Total.....	\$3,154,000,000	100.0

The States' share of funds from tax sources for the elementary and secondary public-school system continued to increase (table 32). In 1931-32, the State supplied only 19.5 percent of the funds, while in 1947-48 the State supplied 41.1 percent of a much larger amount. The percentage of State funds tends to increase each biennium, while the proportion from county and local sources decreases. The continued increases in the percentage of school support coming from the State tend toward equalization at the State level of education in the districts least able to support education. Public funds to private institutions of higher education are expended to finance land-grant college activities at certain private institutions, and to finance contracts for specific performance; public funds to nonpublic elementary and secondary schools are for the expense of State wards at private institutions for exceptional children.

### ***Expenditures for Public and Private Education***

The expenditure for education in continental United States in 1947-48 amounted to \$6,574,379,000, of which \$5,237,568,000, or 79.7 percent, was for publicly controlled education, and \$1,336,811,000, or 20.3 percent for privately controlled education (table 33).

Expenditures for all forms of education have increased. Using 1939-40 as a base, the increases have been, respectively: 1941-42, 0.1 percent; 1943-44, 10.1 percent; 1945-46, 30.3 percent; and 1947-48, 105.5 percent. In the immediate future, we may expect increases not only for current expenditures but also for buildings and equipment; the latter type of expenditure was, of course, largely curtailed during the war. Increases in expenditures will be greatest in elementary education first, then followed by increases in secondary education.

### ***Expenditures Per Pupil in State and City School Systems***

There is a great variation among the States in current expenditure per pupil in average daily attendance (table 15). The State range in 1947-48 was from \$71 for the lowest State to \$257 for the highest State. City

school systems (table 34) show even greater variations. Here the range was from \$77 to \$345 for current expenditure per pupil in average daily attendance. The range in cities of 100,000 population and more (group I) was from \$98 to \$293 (table 34). In cities of 30,000 to 99,999 population (group II) the range was from \$110 to \$345. In cities of 10,000 to 29,999 population (group III) the range was from \$100 to \$275. In cities of 2,500 to 9,999 population (group IV) the range was from \$77 to \$297. The weighted mean increased between 1945-46 and 1947-48 by 35 percent in the largest population group, 45 percent in the second group, and about 50 percent in the third and fourth groups.

### ***Federal Expenditures for Education***

Federal aid for education and allied activities assumes so many forms that it is often difficult to identify the amounts applicable to education (table 35). The amounts of Federal aid have varied in different years. For a certain group of projects the following amounts were recorded for recent years: 1939-40, \$178,000,000; 1941-42, \$316,000,000; 1943-44, \$200,000,000; 1945-46, \$175,000,000; and 1947-48, \$194,000,000. Much more than the amount shown is being expended. Transfer of surplus war material and construction of new facilities for higher education represent a large sum. "It is estimated that for the fiscal year 1948 funds amounting to considerably more than \$2,000,000,000 were made available for education, or closely related purposes by the Federal Government for distribution to the States and Territories, or to individual schools within them."<sup>1</sup>

### ***Cost of Physical Property and Value of Funds***

The value of public property is often difficult to obtain because of the lack of uniform practice in making valuations. For the purpose of reporting to the Office of Education the actual cost of sites, buildings, equipment, alterations, and additions is requested. This is done on the theory that cost, which is a definite obtainable figure, represents the actual investment of public money in the property. These investments in the physical property and funds for public elementary and secondary schools only and for both public and private higher educational institutions are given in table 36.

### ***Federally Aided Vocational Education***

Reports to the Office of Education from the States and outlying parts for 1947-48 indicate the rapid growth of vocational education. Enrollment in all types of federally aided vocational classes was 3,523,000 in 1947-48 (table 37), as compared with 2,228,000 in 1945-46, an increase of 1,295,000, or 58 percent, in only 2 years. Organizations of youth in vocational agriculture, such as the Future Farmers of America and the

<sup>1</sup> Leaflet No. 79, Funds for Education, 1946-47 and 1947-48.



New Farmers of America, have not only given a great impetus to food production, but also taught boys and young men an understanding of their place in the community as producers and as active citizens of their community and the Nation. Similar organizations exist for girls in vocational home economics. The total educational expenditure for vocational programs, from all funds, was \$103,676,000 (table 38), one-fourth of which was furnished by the Federal Government. In view of the greatly increased enrollment, this amount is small. Much of this work is for terminal-course instruction preparing young people to take their places in agriculture and industry.

### *Institutions of Higher Education in Outlying Parts*

Institutions of higher education in the outlying parts of the United States (table 39) are making continued progress in education and becoming an integrated part in the Nation. Although the staffs of these institutions increased only 17.4 percent between 1939-40 and 1947-48, the number of regular session students increased from 7,973 to 12,724, or 60 percent, during the same period. Enrollments in summer schools increased 116 percent and in correspondence and extension, 179 percent. The number of baccalaureate degrees increased from 892 to 1,224, 37 percent. The apparent discrepancy between enrollment increase and number of graduates is due to the number of veterans enrolled who have not yet had time to graduate.

### *Statistics of Libraries in Institutions of Higher Education, 1946-47*

Basic library statistics of institutions of higher education in the continental United States and its outlying parts for the year 1946-47 show several changes since the previous survey made in 1939-40 as follows:

	1939-40	1946-47
Total number of institutions of higher education . . . . .	1,699	1,700
Number of institutions submitting report . . . . .	1,321	1,345
Total number of volumes added during year . . . . .	3,194,578	3,602,198
Total number of volumes at end of year . . . . .	71,666,801	94,300,665
Number of volumes added per student . . . . .	2.6	1.9
Number of volumes at end of year per student . . . . .	59.8	48.3
Total number of volumes circulated for home use . . . . .	26,441,007	27,197,348
Number of volumes circulated for home use per student . . . . .	21.7	15.0
Total number of reserved books circulated . . . . .	36,591,088	30,968,772
Number of reserved books circulated per student . . . . .	30.0	18.7
Total operating expenditures (excluding capital outlay) . . . . .	\$17,976,231	\$34,621,588
Operating expenditures per student . . . . .	\$15.31	\$18.07
Total number of library employees (excluding student assistants) . . . . .	1 6,760	2 10,617

<sup>1</sup> Total number of full-time employees, plus full-time equivalent of part-time workers.

<sup>2</sup> Includes 2,106 part-time employees not reduced to full-time equivalent.

There were more than 400,000 library volumes added in 1946-47 than in 1939-40. The number of volumes in all libraries totaled 94,300,000, an increase of 22,634,000, or 21.6 percent, during the 7-year period. While the college enrollments increased 31.2 percent during this period the number of books withdrawn decreased 7.7 percent. Expenditures nearly doubled between the two dates.

### *Average Annual Salaries of Public-School Teachers*

Previous to 1910-11 the Office of Education requested information on monthly rather than yearly salaries of public-school teachers. Data collected in 1910-11, the first year for which annual salaries were computed for States, show that the lowest-salary State paid less than \$200 per year and the highest-salary State between \$800 and \$899 (table 40). In 1947-48 the lowest-salary State paid between \$1,200 and \$1,299 and the highest-salary between \$3,600 and \$3,699.

### *Veterans' Training Program*

The veterans' training program began in 1943-44 with 922 persons in vocational rehabilitation (Public Law 16). This increased to 237,382 receiving vocational rehabilitation, and 2,213,382 receiving education and training (Public Law 346) in 1947-48. Expenditures during 1943-44 were \$664,000 and increased to \$2,834,975,000 in 1947-48 for both programs (table 41). This program has probably reached its highest point and will decrease rapidly.

### *School Lunch Program*

Congress has passed legislation providing assistance in a school lunch program to both public and nonpublic elementary and secondary schools. During the year 1947-48, the Federal appropriation for this purpose amounted to \$54,000,000, of which, according to the Department of Agriculture, \$52,255,749 went to public schools and \$1,744,251 to private schools. Equal amounts are furnished in money or work by State and local authorities or other approved organizations. The Federal Government, in addition to the money appropriated, supplies surplus farm commodities through the Commodity Credit Corporation.

### *Compulsory School Attendance*

All States have had some form of compulsory attendance since 1917-18. Since that time many changes have been made. The ages for

compulsory attendance are summarized for 1947-48 as follows:

<i>Compulsory ages</i>	<i>Number of States</i>	<i>Names of States</i>
6-16-----	1	-----Michigan.
6-17-----	1	-----New Mexico.
6-18-----	1	-----Ohio.
7-16-----	33	-----Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massa- chusetts, Mississippi, Missouri, Nebraska, New Jersey, New York, North Carolina, Oregon, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Vermont, Virginia, West Virginia, Wisconsin, and Wyoming.
7-17-----	1	-----North Dakota.
7-18-----	2	-----Nevada and Oklahoma.
8-16-----	7	-----Arizona, California, Colorado, Minnesota, Montana, New Hampshire, and Washington.
8-17-----	1	-----Pennsylvania.
8-18-----	1	-----Utah.

### *Teachers' Retirement*

All States provide some form of pension or retirement for the professional staff, and in many cases for all school employees. Many States and cities provide for all employees, both school and nonschool (table 42).

### *International Educational Relations*

In 1947-48 about 21,000 foreign students from all parts of the world were enrolled in American institutions of higher education, an increase of 4,000 over the figure for the preceding year. This necessitated the evaluation by the Office of Education of 3,138 foreign academic transcripts, an increase of 900 over the previous year, and approximately 1,200 over the number evaluated in 1945-46.

For the school year 1947-48, 126 teachers from the United States exchanged with a similar number from Great Britain. The British teachers were placed in 31 different States; 85 were placed in elementary schools and 41 in secondary schools. A program of exchange teachers with Canada was begun with an exchange of 4 teachers in 1947-48, and plans were made for beginning exchanges with France in 1948-49.

A program of international pupil correspondence was administered by the Office of Education involving the distribution to American schools, colleges, and adult groups, of nearly 100,000 letters received from Germany and Austria, an increase of 70,000 over 1946-47.

**Table 1.—Number and type of educational units in the United States which are periodically covered by the Office of Education**

<i>Type</i>	<i>Number</i>
GRAND TOTAL.....	1 65,858
<hr/>	
Total requested to report, 1946-48.....	14,951
<hr/>	
States, the District of Columbia, and outlying parts of the United States..	56
City school systems.....	3,204
Institutions of higher education.....	1,788
School libraries <sup>2</sup> .....	8,203
College libraries.....	1,700
<hr/>	
Total not requested to report in 1946-48.....	50,907
<hr/>	
Public secondary schools.....	25,484
Public libraries.....	7,500
Residential schools for exceptional children.....	444
County or other large school systems administering school units in cities <sup>3</sup> ..	249
Private and special libraries.....	1,500
Nonpublic elementary and secondary schools.....	13,363
Schools of nursing.....	1,067
Private commercial schools.....	1,300

<sup>1</sup> Not all studies are on a biennial basis and for the following types of schools, the number of which is not known, no general or periodic coverage is attempted: Private vocational and trade schools; private schools of art, music, dancing, dramatics (non-degree-granting), including individual instruction; private Bible schools not granting theological degrees; private correspondence schools; the Armed Forces Institute; and a large amount of unorganized individual and adult education.

<sup>2</sup> City and county school systems. Only one report is requested from each. These reports cover library service of more than 100,000 schools.

<sup>3</sup> Including 335 cities not maintaining separate school systems.



Table 2.—Number of schools of specified types, by State, 1947-48

STATES BY REGION	Public schools (excluding kindergartens)		Nonpublic schools (excluding kindergartens)		Colleges, universities, and professional schools		Residential schools for exceptional children, 1945-46		Schools of nursing not affiliated with colleges and universities
	Elementary	Secondary	Elementary	Secondary	Publicly con- trolled	Privately con- trolled	Public	Private	
1	2	3	4	5	6	7	8	9	10
Continental U. S. ....	146,760	25,484	10,071	3,292	630	1,158	307	137	1,067
NEW ENGLAND .....	6,030	990	888	431	36	109	28	16	111
Maine .....	1,645	214	83	60	5	10	4	-----	11
New Hampshire .....	<sup>1</sup> 538	<sup>1</sup> 82	65	39	3	5	2	-----	12
Vermont .....	912	85	29	25	4	9	2	1	8
Massachusetts .....	1,858	422	414	202	17	58	11	11	58
Rhode Island .....	<sup>2</sup> 322	<sup>2</sup> 62	101	29	2	7	4	1	5
Connecticut .....	755	125	196	76	5	20	5	3	17
MIDDLE ATLANTIC .....	14,744	2,631	2,336	707	51	216	28	60	249
New York .....	6,168	<sup>3</sup> 1,030	1,051	335	26	97	11	31	95
New Jersey .....	1,547	268	382	126	10	25	9	6	42
Pennsylvania .....	7,029	1,333	903	246	15	94	8	23	112
EAST NORTH CENTRAL .....	25,219	4,321	2,697	641	104	229	38	17	212
Ohio .....	3,123	1,233	586	153	9	58	11	1	58
Indiana .....	2,271	867	298	39	6	33	7	1	25
Illinois .....	8,811	735	843	189	17	84	5	5	84
Michigan .....	4,793	750	431	169	36	26	9	6	23
Wisconsin .....	6,221	736	539	91	36	28	6	4	22
WEST NORTH CENTRAL .....	35,425	4,200	1,651	415	104	141	46	8	120
Minnesota .....	5,622	646	333	73	16	28	11	3	21
Iowa .....	7,061	923	332	137	21	31	6	2	23
Missouri .....	6,910	736	435	89	18	35	11	3	23
North Dakota .....	3,300	410	54	18	11	2	4	-----	10
South Dakota .....	3,403	317	52	18	7	9	4	-----	7
Nebraska .....	5,052	537	216	47	10	13	5	-----	10
Kansas .....	4,077	631	229	33	21	23	5	-----	26
SOUTH ATLANTIC .....	21,085	4,260	546	303	82	194	61	13	168
Delaware .....	190	47	26	11	2	2	4	-----	7
Maryland .....	879	228	161	61	11	20	6	9	21
District of Columbia .....	129	35	62	23	3	21	5	2	6
Virginia .....	3,499	556	62	59	12	33	10	1	31
West Virginia .....	4,146	380	50	15	10	9	9	-----	23
North Carolina .....	3,741	962	61	31	13	39	9	-----	39
South Carolina .....	3,399	486	27	19	7	25	6	-----	16
Georgia .....	3,506	793	43	29	19	33	7	1	12
Florida .....	1,596	773	64	55	5	12	5	-----	13
EAST SOUTH CENTRAL .....	18,316	2,457	406	222	44	101	24	3	58
Kentucky .....	5,469	566	196	96	9	31	5	1	12
Tennessee .....	4,850	547	70	41	7	39	7	1	12
Alabama .....	3,569	664	90	46	9	17	8	1	16
Mississippi .....	4,428	680	50	39	19	14	4	-----	19
WEST SOUTH CENTRAL .....	13,980	4,131	724	239	87	77	30	6	60
Arkansas .....	3,027	691	54	21	12	12	4	-----	8
Louisiana .....	2,316	524	224	88	6	12	7	2	13
Oklahoma .....	2,668	821	79	38	28	9	8	2	11
Texas .....	5,969	2,095	367	92	41	44	11	2	28

<sup>1</sup> Reduction in number from previous years due to change in definition of term "school."<sup>2</sup> Data for 1943-44.<sup>3</sup> Data for 1945-46.

Table 2.—Number of schools of specified types, by State, 1947-48—Continued

STATES BY REGION	Public schools (excluding kindergartens)		Nonpublic schools (excluding kindergartens)		Colleges, universities, and professional schools		Residential schools for exceptional children, 1945-46		Schools of nursing not affiliated with colleges and universities
	Elementary	Secondary	Elementary	Secondary	Publicly controlled	Privately controlled	Public	Private	
1	2	3	4	5	6	7	8	9	10
MOUNTAIN.....	6,051	1,197	250	98	47	18	31	1	32
Montana.....	1,389	176	43	18	8	3	5	-----	4
Idaho.....	789	170	26	7	6	3	4	-----	8
Wyoming.....	568	89	7	1	2	-----	3	-----	-----
Colorado.....	1,668	348	89	30	12	6	6	1	7
New Mexico.....	675	143	46	19	7	1	5	-----	1
Arizona.....	401	90	29	16	5	1	3	-----	5
Utah.....	362	144	9	6	6	4	4	-----	7
Nevada.....	199	37	1	1	1	-----	1	-----	-----
PACIFIC.....	5,910	1,297	573	236	71	73	21	13	57
Washington.....	1,199	367	101	49	14	12	8	-----	16
Oregon.....	1,220	229	73	24	6	14	5	1	7
California.....	<sup>2</sup> 3,491	701	399	163	51	47	8	12	34
U. S. Service Academies.....	-----	-----	-----	-----	4	-----	-----	-----	-----

<sup>1</sup> Reduction in number from previous years due to change in definition of term "school".

<sup>2</sup> Data for 1943-44.

<sup>3</sup> Data for 1945-46.

Table 3.—Decrease in number of 1-teacher public schools in Continental United States, 1929-30 to 1947-48

Year	Number of 1-teacher schools	Percent decrease since 1929-30
1929-30.....	149,282	-----
1931-32.....	143,390	-3.9
1933-34.....	139,166	-6.8
1935-36.....	131,101	-12.2
1937-38.....	121,178	-18.8
1939-40.....	113,600	-23.9
1941-42.....	107,692	-27.9
1943-44.....	96,302	-35.5
1945-46.....	86,563	-42.0
1947-48.....	75,096	-49.7

Table 4.—Number of ultimate or basic administrative units, number of 1-teacher schools, and transportation data, by State, 1947-48

STATES, BY REGION	Number of administrative units				Elementary and secondary grades combined	Number of 1-teacher elementary schools	Transportation			
	Total	Elementary grades only	Secondary grades only	Elementary and secondary grades combined			Number of pupils transported at public expense	Expenditure of public funds for transportation, excluding capital outlay (thousands)	Average cost per pupil transported	Percent of pupils enrolled at public expense
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	
<b>Continental United States.....</b>	<b>94,817</b>	<b>77,501</b>	<b>1,729</b>	<b>15,587</b>	<b>75,096</b>	<b>5,854,041</b>	<b>\$176,265</b>	<b>\$30.11</b>	<b>24.4</b>	
<b>NEW ENGLAND.....</b>	1,185	463	3	719	1,700	220,329	7,929	35.99	18.1	
Maine.....	114	1	-----	113	728	45,893	1,007	35.03	30.3	
New Hampshire.....	240	150	-----	90	133	19,270	800	46.20	28.3	
Vermont.....	268	183	-----	85	571	11,487	617	53.75	20.4	
Massachusetts.....	351	119	-----	232	128	78,583	2,604	33.14	13.3	
Rhode Island.....	39	10	-----	29	25	410,171	3,375	36.85	10.8	
Connecticut.....	173	-----	3	170	115	54,925	1,835	33.40	21.3	
<b>MIDDLE ATLANTIC.....</b>	<b>7,710</b>	<b>5,686</b>	<b>15</b>	<b>2,009</b>	<b>4,327</b>	<b>629,967</b>	<b>24,390</b>	<b>38.72</b>	<b>15.5</b>	
New York.....	4,609	3,892	4	713	1,494	234,650	11,280	48.07	12.2	
New Jersey.....	561	370	11	1,116	89	109,165	3,393	32.91	17.3	
Pennsylvania.....	2,540	1,424	-----	-----	2,744	286,152	9,518	33.26	18.9	
<b>EAST NORTH CENTRAL.....</b>	<b>23,352</b>	<b>19,414</b>	<b>735</b>	<b>3,203</b>	<b>15,235</b>	<b>903,876</b>	<b>35,310</b>	<b>39.07</b>	<b>20.4</b>	
Ohio.....	21,579	522	-----	1,057	446	354,134	9,200	25.98	30.7	
Indiana.....	1,090	378	6	706	375	246,368	9,001	36.54	37.4	
Illinois.....	9,459	8,724	648	87	7,126	97,346	6,317	64.89	8.6	
Michigan.....	5,186	4,191	-----	995	2,952	151,028	7,241	47.95	15.1	
Wisconsin.....	6,038	5,599	81	358	4,336	55,000	3,550	64.55	11.2	
<b>WEST NORTH CENTRAL.....</b>	<b>38,774</b>	<b>34,862</b>	<b>393</b>	<b>3,519</b>	<b>28,578</b>	<b>467,147</b>	<b>22,267</b>	<b>47.67</b>	<b>19.8</b>	
Minnesota.....	7,518	7,069	-----	449	4,418	134,550	7,231	53.74	28.0	
Iowa.....	4,711	3,847	-----	864	5,631	117,334	5,012	42.71	25.3	
Missouri.....	8,326	7,649	-----	677	5,195	130,912	4,413	33.71	21.0	
North Dakota.....	2,267	1,855	-----	2,677	17,317	17,317	4,993	57.34	15.4	
South Dakota.....	3,409	3,122	0	281	3,203	12,278	719	58.37	10.7	
Nebraska.....	6,900	6,330	37	533	4,484	15,000	909	60.61	6.7	
Kansas.....	5,643	4,990	350	303	3,090	39,756	2,990	73.22	11.9	
<b>SOUTH ATLANTIC.....</b>	<b>2,330</b>	<b>1,233</b>	<b>21</b>	<b>1,076</b>	<b>7,708</b>	<b>1,296,916</b>	<b>27,584</b>	<b>21.27</b>	<b>33.8</b>	
<b>Delaware.....</b>	<b>17</b>	-----	-----	-----	<b>48</b>	<b>11,592</b>	<b>349</b>	<b>30.13</b>	<b>26.6</b>	

## STATISTICAL SUMMARY OF EDUCATION

19

Maryland.....	24				24	161	95,197	2,339	24.57	31.5
District of Columbia.....	1				1	1	148	24	162.10	2
Virginia.....	125				125	1,178	223,195	4,525	20.27	39.8
West Virginia.....	55				55	2,528	155,852	18,957	18.98	36.8
North Carolina.....	172				172	595	359,143	6,593	18.36	42.3
South Carolina.....	1,680	21			426	1,019	120,902	2,614	21.87	26.4
Georgia.....	189				189	1,758	215,768	5,336	24.73	30.8
Florida.....	67				67	420	115,119	2,818	24.48	28.2
<b>EAST SOUTH CENTRAL.....</b>	<b>4,624</b>	<b>3,474</b>			<b>1,150</b>	<b>8,495</b>	<b>822,136</b>	<b>16,329</b>	<b>19.86</b>	<b>35.1</b>
Kentucky.....	246	5			241	3,462	183,121	3,274	17.88	33.5
Tennessee.....	150	26			124	2,095	200,312	3,751	18.73	31.9
Alabama.....	108	3			105	1,088	253,786	4,517	17.80	39.2
Mississippi.....	4,120	3,440			680	1,850	181,887	4,787	25.89	35.6
<b>WEST SOUTH CENTRAL.....</b>	<b>7,293</b>	<b>4,541</b>			<b>2,752</b>	<b>4,751</b>	<b>810,449</b>	<b>18,821</b>	<b>23.22</b>	<b>31.4</b>
Arkansas.....	1,589	1,062			527	1,450	134,467	2,863	21.29	33.3
Louisiana.....	67				67	778	165,274	4,569	27.61	37.4
Oklahoma.....	2,712	1,953			759	1,323	131,556	4,256	32.35	28.8
Texas.....	2,925	1,526			1,399	1,200	379,152	4,134	18.82	29.6
<b>MOUNTAIN.....</b>	<b>5,147</b>	<b>4,288</b>	181		<b>678</b>	<b>2,908</b>	<b>220,582</b>	<b>9,206</b>	<b>42.01</b>	<b>24.2</b>
Montana.....	1,522	1,340	18		164	915	23,451	1,712	72.99	24.1
Idaho.....	950	789	21		146	270	36,108	1,346	37.28	31.3
Wyoming.....	356	265	15		76	385	13,430	1,861	64.05	24.6
Colorado.....	1,644	1,455	48		141	872	39,626	1,591	40.13	18.4
New Mexico.....	101	13			91	1,263	32,626	1,726	52.42	24.2
Arizona.....	342	278	64		87	87	32,370	802	24.77	26.0
Utah.....	40				40	28	39,250	1,628	26.18	27.3
Nevada.....	180	148	12		20	88	3,402	201	59.13	13.1
<b>PACIFIC.....</b>	<b>4,402</b>	<b>3,540</b>	<b>381</b>		<b>481</b>	<b>1,394</b>	<b>482,639</b>	<b>14,368</b>	<b>32.46</b>	<b>20.2</b>
Washington.....	628	322	6		300	155	129,000	3,588	27.81	32.6
Oregon.....	1,363	1,113	115		135	399	63,639	2,724	42.80	27.4
California.....	2,411	2,105	260		46	840	290,000	8,056	27.78	18.6
<b>Outlying parts of the United States.....</b>	<b>150</b>	<b>50</b>			<b>100</b>	<b>1,022</b>				
Alaska.....	76	50			26	40	1,252	94	75.20	11.8
American Samoa.....	1				1					
Canal Zone.....	1				1					
Guam.....	1				1					
Hawaii.....	1				1					
Puerto Rico.....	70				70	12	2,157	141	12.28	.6
					969			26		

<sup>3</sup> Estimated

<sup>4</sup> Statistics 1946-47.

<sup>5</sup> Statistics, 1945-46.

<sup>1</sup> Statistics, 1945-46.

<sup>2</sup> Does not include 23 districts in Ohio and 1,485 in Texas existing but having no schools.

*Table 5.—Number of pupils transported and expenditures for transportation, for continental United States, 1929-30 to 1947-48*

<i>Year</i>	<i>Number of pupils transported at public expense</i>	<i>Expenditure of public funds for transportation, excluding capital outlay (thousands)</i>
1929-30 .....	1,902,826	\$54,823
1931-32 .....	2,419,173	58,078
1933-34 .....	2,794,724	53,908
1935-36 .....	3,250,658	62,653
1937-38 .....	3,769,242	75,637
1939-40 .....	4,144,161	83,283
1941-42 .....	4,503,081	92,922
1943-44 .....	4,512,412	107,754
1945-46 .....	5,056,966	129,756
1947-48 .....	5,854,041	176,265



Table 6.—Enrollment in full-time publicly controlled and privately controlled day schools, by level of instruction and control, 1917-48

Level of instruction, by type of school	All schools			Publicly controlled schools			Privately controlled schools		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
	2	3	4	5	6	7	8	9	10
<b>Continental United States</b>	36,155,803	15,775,818	14,379,985	25,402,693	13,173,128	12,229,565	4,753,110	2,602,690	2,150,420
<b>Total elementary and secondary schools</b>	27,134,126	13,774,246	13,359,880	24,036,505	12,227,838	11,808,667	3,097,621	1,546,408	1,551,213
<b>Total elementary schools</b>	20,828,958	10,709,967	10,118,991	18,360,563	9,468,443	8,892,125	2,468,390	1,241,524	1,226,866
Kindergarten	1,170,680	595,836	574,844	988,680	503,204	485,476	1,182,000	292,632	289,368
Kindergarten in residential schools for exceptional children <sup>1</sup>	4,459	2,253	2,206	3,885	1,962	1,923	574	291	283
Elementary schools (including elementary grades in junior high schools)	19,371,977	10,066,225	9,505,752	17,302,547	8,926,064	8,376,483	2,269,430	1,140,161	1,129,269
Elementary grades in college elementary schools <sup>2</sup>	32,948	15,588	17,360	23,675	11,601	12,074	9,273	3,987	5,286
Elementary grades in residential schools for exceptional children <sup>3</sup>	48,894	30,065	18,829	41,781	25,612	16,169	7,113	4,453	2,660
<b>Total secondary schools</b> (Pupils above 8th grade)	6,305,168	3,064,279	3,240,889	5,675,937	2,759,395	2,916,542	629,231	304,894	324,347
Secondary (high schools and academies)	6,255,789	3,031,672	3,224,117	5,653,305	2,747,061	2,906,244	602,484	284,611	317,873
Secondary grades in college secondary schools <sup>4</sup>	39,595	26,451	13,144	14,266	7,131	7,135	25,329	19,320	6,009
Secondary grades in residential schools for exceptional children <sup>5</sup>	9,784	6,156	3,628	8,366	5,203	3,163	1,418	953	465
<b>Total higher education</b>	2,616,262	1,836,339	779,923	1,326,147	930,665	395,482	1,290,115	905,674	384,441
Normal schools and teachers colleges	190,342	104,141	86,201	179,799	100,606	79,193	10,543	3,535	7,008
Colleges, universities, and professional schools	2,185,747	1,570,924	614,823	968,152	702,223	265,929	1,217,595	868,701	348,894
Junior colleges	240,173	161,274	78,899	178,196	127,836	50,360	61,977	33,438	28,539
Federal schools for Indians	30,282	214,535	215,747	30,282	214,535	215,747	2,300,000	215,000	215,000
Private commercial and business colleges	2,800,000	2,150,000	2,150,000	9,759	290	29,669	65,374	2,608	2,614,766
Schools of nursing not affiliated with colleges and universities	75,133	698	74,435	9,759	290	29,669	65,374	2,608	2,614,766

<sup>1</sup> U. S. Bureau of the Census, Current Population Reports, Series P-20, No. 24.

<sup>2</sup> Estimated

<sup>3</sup> Statistics, 1945-46.

<sup>4</sup> Distribution by control and by sex estimated on basis of 1943-44 data.

<sup>5</sup> Distribution by level of instruction and by sex estimated on basis of 1943-44 data.

Table 7.—Enrollment in full-time publicly and privately controlled day schools, by level of instruction and type of control, 1899-1900 to 1947-48

Level of instruction, by type of school	1899-1900	1909-10	1919-20	1929-30	1939-40	1943-44	1945-46	1947-48
<b>I</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>Total elementary schools.</b>	16,261,846	18,528,535	20,963,722	23,717,796	21,106,655	19,891,631	20,051,408	20,828,958
<b>Kindergartens:</b>								
Public.....	131,657	1 293,970	481,266	723,443	594,647	697,468	772,957	988,680
Nonpublic.....	93,737	1 52,219	29,683	54,456	57,341	7 57,341	7 57,341	182,000
Residential schools for exceptional children.....	n.a.	n.a.	n.a.	2 5,164	5,777	7 5,777	4,459	8 4,459
<b>Elementary schools:</b>								
Public.....	14,852,202	16,604,821	18,897,661	20,555,150	18,237,451	17,015,628	16,904,787	17,302,547
Nonpublic.....	1,147,188	1,506,218	1,455,878	2,255,430	2,095,938	2,012,989	2,202,051	2,269,430
Elementary grades in college and teacher training elementary schools.....	n.a.	n.a.	n.a.	n.a.	59,547	46,474	60,919	32,948
Residential schools for exceptional children.....	37,062	711307	3 99,234	2 124,153	55,954	55,954	48,894	8 48,894
<b>Total secondary schools</b>	<b>699,403</b>	<b>1,115,398</b>	<b>2,500,176</b>	<b>4,804,255</b>	<b>7,123,069</b>	<b>6,030,617</b>	<b>6,237,133</b>	<b>6,305,168</b>
Public high schools <sup>4</sup> .....	519,251	915,061	2 200,389	4,399,422	6,601,444	5,553,520	5,622,197	5,653,305
Nonpublic high schools.....	110,797	117,400	213,920	3 341,158	457,768	420,961	565,108	602,484
Secondary grades in college and teacher-training secondary schools.....	65,855	78,932	81,367	59,987	54,070	46,409	40,044	39,595
Residential schools for exceptional children.....	3,800	4,005	3 4,500	2 4,388	9,727	7 9,727	9,784	9 9,784
<b>Total higher education.</b>	<b>237,592</b>	<b>355,215</b>	<b>597,880</b>	<b>1,100,737</b>	<b>1,494,203</b>	<b>1,155,272</b>	<b>1,676,851</b>	<b>2,616,262</b>
Normal schools and teachers colleges.....	69,593	88,561	135,435	176,462	177,045	85,902	119,812	190,342
Colleges, universities, and professional schools (including junior colleges).....	167,999	266,654	462,445	924,275	1,317,158	1,069,370	1,557,039	2,425,920
Private commercial and business schools (day and evening).....	91,549	155,244	335,161	6 179,756	9 634,546	9 488,112	9 563,970	10 493,330

<sup>1</sup> Statistics, 1911-12.

<sup>2</sup> Statistics, 1926-27.

<sup>3</sup> Statistics, 1917-18.

<sup>4</sup> Statistics for high-school reports through 1919-20; since 1919-20 from *Statistics of State School Systems*.

<sup>5</sup> Statistics, 1927-28.

<sup>6</sup> Statistics, 1928-29.

<sup>7</sup> Statistics, 1939-40.

<sup>8</sup> Statistics, 1945-46.

<sup>9</sup> Estimated on basis of a study made by the War Emergency Council.

<sup>10</sup> Estimated.

**Table 8.—Percent of civilian population in publicly or privately controlled day schools or colleges, by age, sex, and urban or rural residence, October 1947<sup>1</sup>**

Age in years	United States total			Urban	Rural-nonfarm	Rural farm
	Total	Male	Female			
1	2	3	4	5	6	7
Total.....	42.3	45.6	39.2	39.5	42.8	49.4
5 <sup>1</sup> .....	53.4	53.1	53.8	56.1	44.4	56.3
6 <sup>1</sup> .....	96.2	95.9	96.6	96.7	96.9	94.5
7-9.....	98.4	98.5	98.4	99.5	99.2	95.9
10-13.....	98.6	98.7	98.5	99.3	99.3	96.7
14-15.....	91.6	90.5	92.8	95.6	91.1	84.9
16-17.....	67.6	67.6	67.5	72.6	64.1	60.2
18-19.....	24.3	31.4	18.5	28.3	20.2	18.0
20-24.....	10.2	17.0	3.9	12.0	8.0	6.1
25-29.....	3.0	5.8	0.4	3.4	2.9	1.6
30-34.....	1.0	1.7	0.3	1.3	.5	.3

<sup>1</sup> U. S. Bureau of the Census, Current Population Reports, Series P-20, No. 19, with adjustments made in 5- and 6-year-olds.

**Table 9.—Total public and nonpublic elementary school enrollment, and population 5-13 years of age, 1889-90 to 1947-48**

Year	Enrollment, grades K to 8, inclusive		Population, 5-13 years of age	
	Number <sup>1</sup>	Percent increase over 1889-90	Number	Percent increase over 1889-90
1	2	3	4	5
1889-90.....	14,195,143	-----	13,188,548	-----
1899-1900.....	16,261,846	14.6	15,385,793	16.7
1909-10.....	18,528,535	30.5	17,019,650	29.0
1919-20.....	20,963,722	47.7	19,992,947	51.6
1929-30.....	23,717,796	67.1	22,230,101	68.6
1939-40.....	21,106,655	48.7	20,024,827	51.8
1941-42.....	20,418,231	43.8	<sup>2</sup> 19,635,847	48.9
1943-44.....	19,891,631	40.1	<sup>2</sup> 19,649,727	49.0
1945-46.....	20,051,408	41.3	<sup>2</sup> 20,040,873	52.0
1947-48.....	20,828,958	46.7	<sup>2</sup> 21,603,029	63.8

<sup>1</sup> Figures revised to include pupils in residential schools for exceptional children.

<sup>2</sup> Population estimated on basis of births, life tables, and U. S. Census data.



Table 10—Enrollment by grade in public elementary and secondary day schools, 1936-37 to 1947-48

Item	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47	1947-48
<b>I</b>												
Continental United States.....	26,171,103	25,975,108	25,704,325	25,433,542	25,296,138	24,562,473	24,155,146	23,266,616	23,225,784	23,299,941	23,659,158	23,944,532
Elementary schools.....	20,070,388	19,748,174	19,290,136	18,832,098	18,582,225	18,174,668	18,033,080	17,713,096	17,665,504	17,677,744	17,821,481	18,291,227
High schools.....	6,100,755	6,226,934	6,414,189	6,601,444	6,713,913	6,387,805	6,122,066	5,553,520	5,560,190	5,622,197	5,857,677	5,653,305
Number in each grade:												
Kindergarten.....	606,893	607,034	600,841	594,647	613,213	625,783	664,915	697,468	733,974	772,957	872,895	988,680
First.....	3,423,735	3,317,144	3,167,803	3,018,463	2,991,738	2,930,762	2,919,242	2,878,843	2,881,849	2,894,388	2,896,451	2,951,390
Second.....	2,522,070	2,486,550	2,409,813	2,333,076	2,285,614	2,215,100	2,228,945	2,220,789	2,257,796	2,318,302	2,319,772	2,363,477
Third.....	2,454,558	2,444,381	2,387,970	2,331,559	2,263,315	2,175,245	2,179,849	2,162,878	2,173,078	2,190,617	2,204,573	2,258,858
Fourth.....	2,450,679	2,402,617	2,362,242	2,321,867	2,270,749	2,196,732	2,148,889	2,079,788	2,083,552	2,094,352	2,119,377	2,183,171
Fifth.....	2,387,710	2,342,428	2,295,060	2,247,692	2,211,285	2,166,018	2,101,723	2,016,635	2,007,988	2,006,120	2,012,212	2,055,115
Sixth.....	2,286,096	2,252,722	2,214,428	2,176,133	2,155,538	2,124,494	2,071,396	1,997,806	1,950,624	1,910,028	1,907,319	1,939,500
Seventh.....	1,731,580	1,733,173	1,714,420	1,707,667	1,699,791	1,660,752	1,622,880	1,564,997	1,500,624	1,436,897	1,400,394	1,399,740
Eighth.....	1,751,447	1,722,125	1,711,559	1,700,994	1,690,982	1,679,782	1,695,247	1,693,942	1,670,990	1,653,683	1,638,548	1,653,386
First year high school.....	1,974,726	1,979,379	1,995,360	2,011,341	2,034,316	1,927,040	1,897,750	1,774,593	1,742,873	1,728,499	1,761,020	1,672,920
Second year high school.....	1,644,571	1,669,281	1,718,297	1,767,312	1,792,615	1,705,586	1,653,586	1,519,638	1,529,837	1,555,302	1,583,245	1,502,743
Third year high school.....	1,314,404	1,379,398	1,432,500	1,485,603	1,517,344	1,450,788	1,374,470	1,230,168	1,236,883	1,255,907	1,308,592	1,271,645
Fourth year high school.....	1,107,487	1,150,506	1,216,121	1,281,735	1,322,641	1,273,141	1,170,319	1,009,611	1,015,959	1,032,420	1,119,968	1,130,805
Postgraduate.....	59,547	48,370	51,911	55,453	46,997	31,090	25,941	19,310	34,618	50,069	64,852	75,192
Percent in each grade:												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Kindergarten.....	2.3	2.3	2.3	2.3	2.4	2.6	2.8	3.0	3.2	3.3	3.7	4.1
First.....	13.1	12.8	12.3	11.9	11.8	11.9	12.1	12.4	12.4	12.4	12.9	12.3
Second.....	9.7	9.6	9.4	9.2	9.0	9.0	9.2	9.5	9.7	10.0	9.8	9.9
Third.....	9.5	9.4	9.3	9.2	8.9	8.9	9.0	9.3	9.4	9.4	9.3	9.5
Fourth.....	9.4	9.3	9.3	9.1	9.0	8.9	8.9	8.9	9.0	9.0	9.0	9.1
Fifth.....	9.1	9.0	8.9	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.6
Sixth.....	8.7	8.7	8.6	8.6	8.5	8.7	8.6	8.6	8.6	8.2	8.1	8.1
Seventh.....	8.3	8.4	8.3	8.3	8.3	8.4	8.4	8.5	8.2	7.9	7.8	7.9
Eighth.....	6.6	6.6	6.7	6.7	6.7	6.8	7.0	7.3	7.2	7.1	6.9	6.9
First year high school.....	7.6	7.6	7.7	7.9	8.1	7.9	7.9	7.6	7.5	7.4	7.5	7.0
Second year high school.....	6.3	6.4	6.7	7.0	7.1	6.9	6.8	6.5	6.6	6.7	6.7	6.3
Third year high school.....	5.0	5.3	5.6	5.8	6.0	5.9	5.7	5.3	5.3	5.4	5.5	5.3
Fourth year high school.....	4.2	4.4	4.7	5.0	5.2	5.2	4.8	4.3	4.4	4.4	4.7	4.7
Postgraduate.....	.2	.2	.2	.2	.2	.2	.1	.1	.1	.2	.3	.3

1 Estimated.

2 Total elementary and total high-school enrollment taken from a special study. Distribution by grade estimated.

3 The class entering the first grade in 1936-37.

Table 11.—Total public and nonpublic secondary school enrollment, and population, 14-17 years of age, 1889-90 to 1947-48

Year	Enrollment, grades 9-12, and postgraduate		Population, 14-17 years of age		Number enrolled per 100 population, 14-17 years of age
	Number <sup>1</sup>	Percent increase over 1889-90	Number	Percent increase over 1889-90	
1	2	3	4	5	6
1889-1890.....	359,949	-----	5,354,653	-----	7
1899-1900.....	699,403	94.3	6,152,231	14.9	11
1909-1910.....	1,115,398	209.9	7,220,298	34.8	15
1919-1920.....	2,500,176	594.6	7,735,841	44.5	32
1929-1930.....	4,804,255	1,234.7	9,341,221	74.5	51
1939-1940.....	7,123,009	1,878.9	9,720,419	81.5	73
1941-1942.....	6,933,265	1,826.2	<sup>2</sup> 9,547,713	78.3	73
1943-1944.....	6,030,617	1,575.4	<sup>2</sup> 9,280,273	73.3	65
1945-1946.....	6,237,133	1,632.8	<sup>2</sup> 8,903,074	66.3	70
1947-1948.....	6,305,168	1,651.7	<sup>2</sup> 8,567,971	60.0	74

<sup>1</sup> Figures revised to include pupils in residential schools for exceptional children.

<sup>2</sup> Population estimated on basis of births, life tables, and U. S. Census data.

Table 12.—High school and college graduates from publicly and privately controlled schools, 1927-28 to 1947-48

Year	Degrees												
	High-school graduates				Bachelor's and first professional			Master's			Doctor's <sup>1</sup>		
	Total	Boys	Girls	Total	Men	Women	Total	Men	Women	Total	Men	Women	
	2	3	4	5	6	7	8	9	10	11	12	13	
1927-28	596,659	266,315	330,340	111,161	67,659	43,502	12,387	7,727	4,660	1,447	1,249	198	
1928-29	631,778	283,277	348,501	116,685	70,368	46,117	13,643	8,280	5,363	1,870	1,595	275	
1929-30	666,904	300,376	366,528	122,484	73,595	48,889	14,898	8,832	6,066	2,292	1,940	352	
1930-31	746,948	337,489	409,459	130,040	78,284	51,756	17,133	10,521	6,612	2,473	2,094	379	
1931-32	826,991	374,729	452,262	138,063	83,271	54,792	19,367	12,210	7,157	2,654	2,247	407	
1932-33	870,922	402,871	468,051	137,954	83,313	54,641	18,830	11,863	6,967	2,742	2,352	390	
1933-34	914,853	431,860	482,993	137,845	83,354	54,491	18,293	11,516	6,777	2,830	2,456	374	
1934-35	965,099	458,738	506,361	140,903	84,992	55,911	18,298	11,510	6,788	2,800	2,413	387	
1935-36	1,015,345	485,616	529,729	143,961	86,629	57,332	18,302	11,503	6,799	2,770	2,370	400	
1936-37	1,067,712	504,873	562,839	154,452	92,154	62,298	19,965	12,452	7,513	2,851	2,436	415	
1937-38	1,120,079	524,129	595,950	164,943	97,678	67,265	21,628	13,400	8,228	2,932	2,502	430	
1938-39	1,170,777	551,424	619,353	175,722	103,754	71,968	24,180	14,954	9,226	3,111	2,682	429	
1939-40	1,221,475	578,718	642,757	186,500	109,829	76,671	26,731	16,500	10,223	3,290	2,861	429	
1940-41	1,231,925	577,718	654,207	185,924	106,859	79,065	25,690	15,344	10,346	3,394	2,949	445	
1941-42	1,242,375	576,717	665,658	185,346	103,889	81,457	24,648	14,179	10,469	3,497	3,036	461	
1942-43	1,162,284	527,100	635,184	151,692	76,182	75,510	19,031	9,945	9,086	2,901	2,458	443	
1943-44	1,019,233	435,971	583,262	125,875	55,876	69,999	13,414	7,713	7,703	2,305	1,880	425	
1944-45	1,046,924	431,396	615,528	131,025	57,270	73,755	16,312	7,398	8,774	2,136	1,730	406	
1945-46	1,080,033	466,926	613,107	136,174	58,664	77,510	19,209	9,484	9,725	1,966	1,580	386	
1946-47	1,189,000	558,000	631,000	203,300	116,890	86,410	30,813	19,195	11,618	3,077	2,633	444	
1947-48	1,189,909	562,863	627,046	271,019	175,456	95,563	42,400	28,899	13,501	4,188	3,687	501	

<sup>1</sup> Does not include the M. D. and similar first professional degrees.

Table 13.—Number of persons graduated from public and nonpublic high schools, per 100 persons 17 years of age, 1869-70 to 1947-48

Year	Number graduated from high school	Number 17 years of age <sup>1</sup>	Number graduated per 100 persons 17 years of age
1	2	3	4
1869-70 .....	16,000	815,000	2.0
1879-80 .....	23,634	946,026	2.5
1889-90 .....	43,731	1,259,177	3.5
1899-1900 .....	94,883	1,489,146	6.4
1909-10 .....	156,429	1,786,240	8.8
1919-20 .....	311,266	1,855,173	16.8
1929-30 .....	666,904	2,295,822	29.0
1939-40 .....	1,221,475	2,403,074	50.8
1941-42 .....	1,242,375	2,425,574	51.2
1943-44 .....	1,019,233	2,410,389	42.3
1945-46 .....	1,080,033	2,254,738	47.9
1947-48 .....	1,189,909	2,202,927	54.0

<sup>1</sup> U. S. Bureau of the Census data, and estimates for the last four periods.

Table 14.—Length of school term, attendance and enrollment ratios for public elementary and secondary day schools, by State, 1947-48

STATES, BY REGION	Average length of school term	Average number of days attended by each pupil enrolled	Percent of—			Number of pupils enrolled per teacher
			Pupils enrolled attending daily	Estimated population 5-17 years of age enrolled in public schools	Total enrollment in secondary grades 9-12 and post-graduate	
1	2	3	4	5	6	7
<b>Continental United States</b> .....	<b>177.6</b>	<b>155.1</b>	<b>87.3</b>	<b>79.4</b>	<b>23.6</b>	<b>27</b>
<b>NEW ENGLAND</b> .....	<b>178.7</b>	<b>159.7</b>	<b>89.4</b>	<b>71.2</b>	<b>26.1</b>	<b>25.8</b>
Maine.....	179.5	165.8	92.4	77.7	22.0	24.8
New Hampshire.....	175.3	160.0	91.3	67.5	26.8	24.4
Vermont.....	170.2	161.6	95.0	71.3	21.4	23.9
Massachusetts.....	178.7	157.6	88.2	69.7	27.6	26.5
Rhode Island.....	180.0	155.4	86.3	70.2	25.6	25.9
Connecticut.....	180.6	162.1	89.8	72.6	26.2	25.8
<b>MIDDLE ATLANTIC</b> .....	<b>183.2</b>	<b>159.5</b>	<b>87.1</b>	<b>75.8</b>	<b>28.9</b>	<b>25.8</b>
New York.....	183.1	155.1	84.7	77.7	29.7	25.6
New Jersey.....	183.2	160.8	87.8	76.7	27.5	24.4
Pennsylvania.....	183.2	164.6	89.9	73.1	28.4	26.8
<b>EAST NORTH CENTRAL</b> .....	<b>180.3</b>	<b>159.7</b>	<b>88.6</b>	<b>76.5</b>	<b>26.4</b>	<b>27.6</b>
Ohio.....	178.9	162.4	90.8	76.1	25.3	27.8
Indiana.....	173.7	146.1	84.1	83.2	25.7	29.8
Illinois.....	186.6	162.3	87.0	74.8	27.3	26.3
Michigan.....	180.0	161.7	89.8	77.0	26.0	29.5
Wisconsin.....	178.5	161.5	90.5	72.4	28.2	24.5
<b>WEST NORTH CENTRAL</b> .....	<b>175.6</b>	<b>151.1</b>	<b>86.0</b>	<b>84.5</b>	<b>25.2</b>	<b>23.0</b>
Minnesota.....	172.5	148.9	86.3	80.3	26.4	25.2
Iowa.....	177.8	153.8	86.5	92.0	24.4	22.2
Missouri.....	182.2	155.3	85.2	81.0	23.3	27.2
North Dakota.....	170.2	152.4	89.5	78.8	24.0	17.6
South Dakota.....	173.5	153.0	88.2	81.8	25.5	17.0
Nebraska.....	178.5	158.0	88.5	86.7	28.5	19.0
Kansas.....	165.1	136.7	82.8	89.7	26.4	22.8
<b>SOUTH ATLANTIC</b> .....	<b>178.2</b>	<b>155.1</b>	<b>87.0</b>	<b>82.5</b>	<b>19.2</b>	<b>30.7</b>
Delaware.....	178.5	154.9	86.8	75.0	25.2	24.7
Maryland.....	185.7	163.2	87.9	73.0	18.6	31.0
District of Columbia.....	174.6	151.4	86.7	75.6	25.8	29.3
Virginia.....	180.0	159.3	88.5	80.6	20.6	32.0
West Virginia.....	173.0	155.1	89.7	84.8	20.6	30.9
North Carolina.....	179.9	159.3	88.5	85.5	19.3	33.6
South Carolina.....	174.9	143.0	81.8	82.8	13.4	29.2
Georgia.....	176.1	146.6	83.2	85.6	18.8	30.8
Florida.....	180.1	163.6	90.8	82.0	21.3	26.7
<b>EAST SOUTH CENTRAL</b> .....	<b>169.9</b>	<b>145.9</b>	<b>85.9</b>	<b>82.3</b>	<b>16.6</b>	<b>31.3</b>
Kentucky.....	171.5	142.8	83.3	76.4	16.2	30.5
Tennessee.....	176.5	153.9	87.2	81.5	17.4	30.3
Alabama.....	176.3	150.4	85.3	83.7	17.8	31.3
Mississippi.....	152.4	133.9	87.8	88.9	14.5	33.7
<b>WEST SOUTH CENTRAL</b> .....	<b>173.5</b>	<b>147.9</b>	<b>85.2</b>	<b>77.5</b>	<b>20.4</b>	<b>29.4</b>
Arkansas.....	169.7	144.8	85.3	79.8	18.3	32.0
Louisiana.....	174.0	149.7	86.0	70.3	15.0	31.3
Oklahoma.....	175.0	153.5	87.7	85.4	23.3	28.4
Texas.....	173.9	146.2	84.1	76.9	21.9	28.4

Table 14.—Length of school term, attendance and enrollment ratios for public elementary and secondary day schools, by State, 1947-48—Continued

STATES, BY REGION	Average length of school term	Average number of days attended by each pupil enrolled	Percent of—			Number of pupils enrolled per teacher
			Pupils enrolled attending daily	Estimated population 5-17 years of age enrolled in public schools	Total enrollment in secondary grades 9-12 and post-graduate	
1	2	3	4	5	6	7
<b>MOUNTAIN</b> -----	175.0	153.0	87.4	83.2	23.4	26.5
Montana-----	177.1	157.3	88.8	82.6	25.4	20.6
Idaho-----	171.9	152.7	88.8	86.2	25.9	29.0
Wyoming-----	164.5	144.5	87.8	89.8	23.8	21.8
Colorado-----	177.3	152.1	85.8	84.1	23.6	24.8
New Mexico-----	180.0	143.2	79.6	86.1	17.9	32.3
Arizona-----	171.6	154.9	90.3	73.6	21.4	27.6
Utah-----	175.1	161.6	92.3	85.5	26.6	30.4
Nevada-----	176.7	157.2	88.9	78.7	23.5	24.0
<b>PACIFIC</b> -----	175.9	158.4	90.0	85.0	24.2	30.8
Washington-----	179.1	146.5	81.8	85.4	23.9	30.0
Oregon-----	177.6	157.5	88.7	78.3	26.8	27.2
California-----	175.0	161.5	92.3	86.1	23.9	3.16
<b>Outlying parts of the United States</b>						
Alaska-----	174.0	137.8	79.2	50.4	18.4	18.7
American Samoa-----					20.9	
Canal Zone-----	185.9	172.2	92.6		20.2	26.7
Hawaii-----	178.0	165.2	92.8	73.8	29.0	26.6
Puerto Rico-----	190.0	170.1	89.5	53.4	11.6	39.4
Virgin Islands-----				56.8		



Table 15.—Financial data for public elementary and secondary day schools, by State, 1947-48

STATES, BY REGION	Percent distribution of revenue receipts from governmental sources				Average annual salary of instructional staff (principals, supervisors, and teachers)	Annual expenditure per pupil in average daily attendance			Cost of school property per pupil in average daily attendance
	Federal	State	County	Local		Current expense	Interest	Capital outlay	
1	2	3	4	5	6	7	8	9	10
Continental United States.....	2.8	38.9	5.3	53.0	\$2,639	\$179.43	\$3.65	\$19.73	\$441
NEW ENGLAND.....	1.9	18.2	-----	79.9	2,867	200.97	1.70	8.55	573
Maine.....	2.3	26.8	-----	70.9	1,767	133.04	.50	4.94	325
New Hampshire.....	2.6	17.0	-----	80.4	2,355	187.15	.83	8.92	337
Vermont.....	3.6	25.5	-----	70.9	2,066	166.99	.68	10.24	359
Massachusetts.....	1.4	12.6	-----	86.0	3,103	213.98	.24	6.08	668
Rhode Island.....	2.1	19.4	-----	78.5	3,105	220.69	9.96	1.90	673
Connecticut.....	2.2	24.8	-----	73.0	3,249	217.44	3.28	18.14	546
MIDDLE ATLANTIC.....	1.1	30.8	.2	67.9	3,101	228.07	8.01	14.04	702
New York.....	1.0	32.6	-----	66.4	3,476	256.90	10.76	16.82	841
New Jersey.....	1.1	16.2	1.2	81.5	3,102	250.59	8.28	15.76	668
Pennsylvania.....	1.1	35.9	-----	63.0	2,597	184.42	4.61	10.03	549
EAST NORTH CENTRAL.....	1.8	34.2	.7	63.3	2,927	204.74	3.85	18.71	509
Ohio.....	1.3	39.6	.2	58.9	2,847	191.61	4.42	17.97	399
Indiana.....	1.5	39.6	.4	58.5	3,073	217.35	2.14	12.33	382
Illinois.....	2.3	15.9	.1	81.7	3,016	223.19	4.28	25.81	652
Michigan.....	1.9	54.5	.6	43.0	3,020	198.47	5.39	19.11	534
Wisconsin.....	2.3	19.6	3.6	74.5	2,560	191.47	.61	11.77	560
WEST NORTH CENTRAL.....	1.8	23.6	4.0	70.6	2,120	186.73	1.67	12.12	468
Minnesota.....	1.8	37.4	1.1	59.7	2,482	213.06	1.41	11.67	502
Iowa.....	1.6	13.9	.5	84.0	2,088	188.98	1.57	17.02	420
Missouri.....	2.1	34.4	7.5	56.0	2,099	164.08	1.71	14.24	432
North Dakota.....	1.6	26.3	2.8	69.3	1,665	182.07	1.46	6.17	465
South Dakota.....	1.0	17.5	1.7	79.8	1,883	193.65	2.34	8.25	513
Nebraska.....	1.9	5.5	.6	92.0	1,919	180.97	2.65	6.59	458
Kansas.....	1.6	11.4	9.5	77.5	2,191	190.86	1.28	9.18	545
SOUTH ATLANTIC.....	5.3	54.2	21.2	19.3	2,222	130.72	1.85	20.65	271
Delaware.....	3.0	86.4	-----	10.6	2,642	204.19	2.05	28.36	556
Maryland.....	2.6	40.7	27.4	29.3	3,321	192.80	4.62	40.41	398
District of Columbia.....	.7	14.3	-----	85.0	3,411	218.94	-----	108.27	710
Virginia.....	4.2	42.8	31.0	22.0	2,062	124.79	.74	17.81	288
West Virginia.....	4.8	64.0	31.2	-----	2,364	141.82	.93	10.54	323
North Carolina.....	9.0	66.2	17.6	7.2	2,114	108.74	2.04	18.56	221
South Carolina.....	8.3	60.7	6.0	25.0	1,742	112.39	1.09	10.30	191
Georgia.....	5.8	57.9	20.2	16.0	1,724	103.85	.70	8.22	196
Florida.....	3.0	52.8	23.8	20.4	2,641	160.50	4.92	34.10	277
EAST SOUTH CENTRAL.....	8.7	55.0	20.3	16.0	1,780	100.07	.53	9.47	158
Kentucky.....	8.3	42.1	25.9	23.7	1,884	112.15	.92	9.26	238
Tennessee.....	12.8	51.7	26.5	9.0	1,901	107.62	.53	16.70	137
Alabama.....	4.9	72.8	12.1	10.2	1,957	106.28	.54	9.22	121
Mississippi.....	6.9	50.8	12.1	30.2	1,256	71.42	1.11	11.28	148
WEST SOUTH CENTRAL.....	5.8	52.8	4.8	36.6	2,326	146.36	4.47	14.09	299
Arkansas.....	6.5	62.7	2.5	28.3	1,545	92.93	1.97	21.82	202
Louisiana.....	8.8	60.9	25.4	4.9	2,236	144.91	3.46	17.43	285
Oklahoma.....	3.2	50.1	2.4	44.3	2,277	144.49	1.74	5.99	244
Texas.....	5.6	50.0	.2	44.2	2,585	164.70	6.63	13.44	356

1 Incomplete.

Table 15.—Financial data for public elementary and secondary day schools by State, 1947-48—Continued

STATES, BY REGION	Percent distribution of revenue receipts from governmental sources				Average annual salary of instructional staff (principals, supervisors, and teachers)	Annual expenditure per pupil in average daily attendance			Cost of school property per pupil in average daily attendance
	Federal	State	County	Local		Current expense	Interest	Capital outlay	
1	2	3	4	5	6	7	8	9	10
MOUNTAIN.....	2.8	37.1	12.5	47.6	2,663	193.44	2.55	27.84	424
Montana.....	3.2	17.8	39.2	39.8	2,582	246.80	.96	14.86	490
Idaho.....	2.0	23.6	12.8	61.6	2,239	168.89	1.93	21.73	336
Wyoming.....	3.9	29.6	11.6	54.9	2,187	195.44	3.79	17.63	417
Colorado.....	1.5	20.8	12.0	65.7	2,540	188.18	3.11	32.91	451
New Mexico.....	2.2	87.5	5.4	4.9	2,741	186.49	12.12	24.70	357
Arizona.....	2.8	46.4	1.1	49.7	3,136	203.62	3.34	52.70	482
Utah.....	4.2	45.5	-----	50.3	2,968	179.40	2.17	19.78	385
Nevada.....	7.0	37.1	39.7	16.2	2,988	230.74	4.66	24.49	619
PACIFIC.....	1.4	49.2	1.9	47.5	3,533	216.95	4.29	57.87	478
Washington.....	1.8	62.7	1.5	34.0	3,325	237.05	2.21	61.80	538
Oregon.....	1.1	35.0	1.8	62.1	2,941	217.38	2.57	57.69	450
California.....	1.3	47.5	2.0	49.2	3,690	212.38	5.01	57.01	468
Outlying parts of the United States									
Alaska.....	2.1	68.1	-----	29.8	3,588	288.18	-----	32.88	376
Canal Zone.....	-----	-----	-----	-----	2,811	141.78	-----	3.57	509
Hawaii.....	1.4	81.9	-----	16.7	3,639	193.18	-----	10.64	-----
Puerto Rico.....	19.3	76.0	-----	4.7	1,499	68.40	-----	3.72	62

1 Incomplete.



Table 16.—Statistical summary of the public elementary and secondary school system, 1869-70 to 1947-48

Item	1869-70	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1943-44	1947-48
<b>A.—GENERAL STATISTICS</b>										
<b>Total population 1</b>	38,555,371	50,155,783	62,622,250	75,802,515	91,972,266	105,710,620	122,775,046	131,891,632	138,083,449	146,113,000
Children 5-17 years of age, inclusive 2	12,055,443	15,065,767	18,543,201	21,404,322	24,235,948	27,728,788	31,571,322	29,805,259	28,930,000	30,171,000
Pupils enrolled (excluding duplicates)	6,871,522	9,867,395	12,722,631	15,603,110	17,813,852	21,578,316	25,678,015	25,433,542	23,286,616	23,944,532
Pupils enrolled in public high schools	280,277	310,277	202,963	519,251	519,251	2,200,389	4,399,422	6,601,444	5,653,520	5,653,305
Average daily attendance	4,077,347	6,144,143	8,153,635	10,632,772	12,827,307	16,150,035	21,294,886	22,042,151	19,602,772	20,909,739
Total number of days attended by all pupils	539,053,423	800,719,970	1,098,232,725	1,534,822,633	2,011,477,065	2,615,161,151	3,672,765,005	3,858,012,335	3,440,876,724	3,713,333,244
<b>Total teachers</b>	<b>200,515</b>	<b>286,593</b>	<b>363,922</b>	<b>423,062</b>	<b>523,210</b>	<b>679,302</b>	<b>854,263</b>	<b>875,477</b>	<b>827,990</b>	<b>860,678</b>
Men	77,529	122,795	125,525	126,588	110,481	95,654	141,727	194,725	126,672	161,913
Women	122,986	163,798	238,397	296,474	412,729	583,648	712,492	680,752	701,318	698,765
Number of schoolhouses	116,312	178,122	224,526	248,279	265,474	271,319	247,289	762,262	209,309	209,309
Value of all school property	\$130,383,008	\$209,571,718	\$342,531,701	\$550,069,217	\$1,091,007,512	\$2,409,719,120	\$6,211,327,040	\$7,635,112,546	\$7,925,129,584	\$9,212,745,668
<b>B.—FINANCIAL STATISTICS</b>										
<b>Total revenue receipts</b>			<b>\$143,194,806</b>	<b>\$219,765,989</b>	<b>\$433,063,697</b>	<b>\$970,120,298</b>	<b>\$2,088,556,837</b>	<b>\$2,260,527,045</b>	<b>\$2,604,322,427</b>	<b>\$4,311,534,373</b>
Income from permanent funds and lands			7,744,765	9,152,274	14,090,555	26,036,098	27,516,517	23,104,293	24,984,047	40,404,599
County and local taxes and appropriations			97,222,426	149,486,845	312,221,582	788,896,551	1,645,687,651	1,490,424,784	1,646,498,183	2,359,359,061
State taxes and appropriations			26,345,823	37,886,740	64,604,701	134,278,753	329,312,434	658,983,264	831,998,696	1,645,336,379
All other sources			11,882,292	23,240,130	42,140,859	50,908,896	86,040,238	88,014,704	100,871,569	266,434,334
<b>Total expenditures</b>	<b>\$63,396,666</b>	<b>\$78,094,687</b>	<b>\$140,506,715</b>	<b>\$214,964,618</b>	<b>\$425,250,434</b>	<b>\$1,036,151,209</b>	<b>\$2,316,790,384</b>	<b>\$2,344,048,927</b>	<b>\$2,452,581,036</b>	<b>\$4,311,176,011</b>
Sites, buildings, furniture, libraries and apparatus			26,207,041	35,450,820	69,978,370	153,542,852	370,877,969	257,973,601	53,856,462	412,467,237
Salaries of superintendents, supervisors, principals and teachers	37,832,566	55,942,972	91,836,484	137,687,746	253,915,170	613,404,578	1,295,201,424	1,369,510,172	1,551,275,675	42,80,582,63
All other purposes			22,463,190	41,826,052	102,356,894	269,203,779	650,710,991	716,565,154	847,448,899	1,418,126,143
<b>C.—DERIVED STATISTICS</b>										
Percent school population is of total population	31.3	30.1	29.6	28.3	26.4	26.2	25.7	22.6	21.0	20.6
Percent of total population enrolled	17.8	19.7	20.3	20.5	19.4	20.4	20.9	19.3	16.9	16.4
Percent of children 5-17 years of age (inclusive) enrolled	57.0	65.5	68.6	72.4	73.5	77.8	81.3	85.3	80.4	79.4
Percent of pupils in high school	1.2	1.1	1.6	3.3	5.1	10.2	17.1	26.0	23.9	23.6

Percent of children enrolled attending each day.....	64.1	68.6	72.1	74.8	82.8	86.7	84.3	87.3
Average number of days the schools were in session.....	134.7	144.3	157.5	161.9	172.7	175.0	175.5	177.6
Average number of days attended by each pupil enrolled.....	86.3	99.0	112.9	121.2	143.0	151.7	147.9	155.1
Average number of days attended by each child 5-17 years of age (inclusive).....	59.2	71.8	85.0	94.3	116.3	129.4	118.9	123.1
Percent of men teachers.....	34.5	29.9	21.1	14.1	16.6	22.2	15.3	18.8
Average annual salaries of all teachers <sup>5</sup> .....	\$252	\$225	\$485	\$871	\$1,420	\$1,441	\$1,728	\$2,639
Percent of revenue derived from—								
Permanent funds and lands.....	5.4	4.2	3.2	2.7	1.3	1.0	1.0	.9
State taxes and appropriations.....	18.4	17.2	14.9	13.8	15.8	29.2	31.9	38.2
County and local taxes and appropriations.....								
All other sources.....	8.3	10.6	9.8	5.3	4.1	3.9	3.9	6.2
Percent of expenditures devoted to—								
Sites, buildings, etc.....								
Salaries.....	59.7	64.0	59.6	59.2	55.9	58.4	63.2	57.5
All other purposes.....								
Total expenditure per capita of population.....	\$1.64	\$2.84	\$4.64	\$9.80	\$18.87	\$17.77	\$17.76	\$29.51
Total expenditure per pupil in average attendance.....	\$15.55	\$20.21	\$33.23	\$64.16	\$108.49	\$105.74	\$124.67	\$202.81
Average total expenditure per day for each pupil attending (cents).....	11.8	14.0	21.1	39.6	62.8	60.4	71.0	114.0

<sup>1</sup> U. S. Bureau of the Census reports or estimates.  
<sup>2</sup> Statistics, 1870-71.  
<sup>3</sup> From reports of public high schools.  
<sup>4</sup> Statistics, 1943-44.  
<sup>5</sup> Prior to 1919-20, computed from number of teaching positions; since then, includes principals and supervisors.  
<sup>6</sup> Does not include evening, summer, and part-time and continuation schools when separately reported.

Table 17.—Summary data for institutions of higher education, 1939-40, 1945-46, and 1947-48

Item	1939-40	1945-46	1947-48
1	2	3	4
Number of institutions on mailing list.....	1,751	1,768	1,788
A. STAFF, STUDENTS, AND DEGREES:			
Number reporting staff, students, and degrees.....	1,708	1,768	1,788
Staff (full-time equivalent) <sup>1</sup> .....	131,552	136,032	196,300
Men.....	94,536	93,876	143,243
Women.....	37,016	42,156	53,057
Resident college enrollment:			
Regular session only.....	<sup>2</sup> 1,494,203	1,676,851	2,616,262
Men.....	<sup>2</sup> 893,250	927,662	1,836,339
Women.....	600,953	749,189	779,923
Summer session.....	456,679	515,602	955,429
Men.....	185,277	226,421	632,086
Women.....	271,402	289,181	323,343
Third week of fall term (men and women).....	1,364,815	1,073,629	2,339,292
Students enrolled for first time (men and women)	417,550	474,894	609,737
Arts and sciences:			
Undergraduate.....	744,827	( <sup>3</sup> )	1,472,333
Men.....	406,556	( <sup>3</sup> )	967,412
Women.....	338,271	( <sup>3</sup> )	504,921
Graduate.....	54,584	( <sup>3</sup> )	105,832
Men.....	33,711	( <sup>3</sup> )	65,704
Women.....	20,873	( <sup>3</sup> )	40,128
Professional schools:			
Undergraduate.....	646,999	( <sup>3</sup> )	962,515
Men.....	424,487	( <sup>3</sup> )	748,375
Women.....	222,512	( <sup>3</sup> )	214,140
Graduate.....	51,535	( <sup>3</sup> )	75,582
Men.....	33,917	( <sup>3</sup> )	52,455
Women.....	17,618	( <sup>3</sup> )	23,127
Degrees:			
Bachelor's (including first professional).....	186,500	136,174	271,019
Men.....	109,829	58,664	175,456
Women.....	76,671	77,510	95,563
Master's.....	26,731	19,209	42,400
Men.....	16,508	9,484	28,899
Women.....	10,223	9,725	13,501
Doctor's.....	3,290	1,966	4,188
Men.....	2,861	1,580	3,687
Women.....	429	386	501
Honorary (men and women).....	1,452	( <sup>3</sup> )	( <sup>3</sup> )

Table 17.—Summary data for institutions of higher education, 1939-40, 1945-46, and 1947-48—Continued

[Thousands of dollars]

Item	1939-40	1945-46	1947-48
1	2	3	4
<b>B. RECEIPTS:</b>			
Number reporting receipts.....	1,609	1,768	1,788
Receipts specifically designated for additions to:			
Physical plant.....	\$66,209	\$121,837	\$364,901
Endowment funds.....	38,688	( <sup>3</sup> )	62,140
Annuity funds.....	2,306	( <sup>3</sup> )	9,743
Student loan funds.....	1,043	( <sup>3</sup> )	2,731
Other nonexpendable funds.....	2,481	( <sup>3</sup> )	1,265
Educational and general <sup>1</sup> .....	571,288	924,958	1,538,076
Student fees.....	200,897	214,344	304,601
Endowment earnings.....	71,304	89,763	86,680
Federal Government.....	38,860	197,250	526,476
State governments.....	151,222	225,161	352,281
County, city, and district governments.....	24,392	31,005	47,521
Private gifts and grants.....	40,453	77,572	91,468
Sales and services of organized activities.....	32,777	67,084	92,725
Miscellaneous and unitemized sources.....	11,383	22,779	36,324
Auxiliary enterprises and activities.....	143,923	244,436	465,155
<b>C. EXPENDITURES:</b>			
Number reporting expenditures.....	1,609	1,768	1,788
Educational and general:			
Administration and general expense.....	\$62,827	\$104,808	\$171,829
Resident instruction.....	280,248	375,122	657,945
Organized research.....	27,266	86,812	159,090
Libraries.....	19,487	26,560	44,208
Physical plant operation and maintenance.....	69,612	110,947	201,996
Organized activities related to instruction.....	27,225	60,604	85,346
Subtotal.....	486,665	764,853	1,320,414
Extension.....	35,325	55,473	71,180
Total educational and general expenditures.....	521,990	820,326	1,391,594
Auxiliary enterprises and activities.....	124,184	242,028	438,988
Other noneducational expenditures.....	28,514	26,068	52,687
Capital outlay.....	83,765	71,403	306,371
<b>D. PROPERTY:</b>			
Number reporting property.....	1,440	( <sup>3</sup> )	1,788
Total.....	\$4,518,384	( <sup>3</sup> )	\$6,493,727
Endowment funds <sup>5</sup> .....	1,686,283	( <sup>3</sup> )	2,688,762
Annuity funds.....	49,537	( <sup>3</sup> )	69,050
Student loan funds.....	28,784	( <sup>3</sup> )	44,190
Grounds, buildings, and improvements.....	2,303,302	( <sup>3</sup> )	3,691,725
Equipment.....	450,478	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Administrative and instructional.

<sup>2</sup> Revised since original publication.

<sup>3</sup> Information not available.

<sup>4</sup> Excluding receipts specially designated for physical plant and nonexpendable funds.

<sup>5</sup> Including unexpended plant funds and funds temporarily functioning as endowment.

<sup>6</sup> Included with grounds, buildings, and improvements.

Table 18.—College enrollment and population 18-21 years of age, 1889-90 to 1947-48

Year	Enrollment		Population 18-21 years of age		Number enrolled per 100 persons 18-21 years of age
	Number	Percent increase since 1889-90	Number	Percent increase since 1889-90	
1	2	3	4	5	6
1889-90.....	156,756	-----	5,151,067	-----	3
1899-1900.....	237,592	51.6	5,930,765	15.1	4
1909-10.....	355,215	126.6	7,335,453	42.4	5
1919-20.....	597,880	281.4	7,343,794	42.6	8
1929-30.....	1,100,737	602.2	9,026,741	75.2	12
1939-40.....	1,494,203	853.2	9,753,537	89.3	15
1941-42.....	1,403,990	795.7	9,882,518	91.9	14
1943-44.....	1,155,272	637.0	9,717,930	88.7	12
1945-46.....	1,676,851	969.7	9,485,071	84.1	13
1947-48.....	2,616,262	1,569.0	9,264,454	79.9	16

<sup>1</sup> Estimated.

<sup>2</sup> The 462,079 veteran students, most of whom were over 21 years of age, have been excluded in calculating this percentage.

<sup>3</sup> The estimated 1,266,898 veteran students, most of whom were over 21 years of age, have been excluded in calculating this percentage.

Table 19.—Number of persons graduated from college, per 100 persons 21 years of age, 1869-70 to 1947-48

Year	Number graduated from college <sup>1</sup>	Number of persons 21 years of age <sup>2</sup>	Number graduated per 100 persons 21 years of age
1	2	3	4
1869-70.....	9,371	725,000	1.3
1879-80.....	10,353	998,964	1.0
1889-90.....	14,306	1,246,876	1.0
1899-1900.....	25,324	1,426,849	1.8
1909-10.....	34,178	1,789,404	1.9
1919-20.....	48,622	1,821,712	2.7
1929-30.....	122,484	2,211,031	5.5
1939-40.....	186,500	2,367,661	7.9
1941-42.....	185,346	2,566,253	7.2
1943-44.....	125,875	2,426,456	5.2
1945-46.....	136,174	2,407,509	5.7
1947-48.....	271,019	2,390,946	11.3

<sup>1</sup> Bachelor's and first professional degrees only.

<sup>2</sup> U. S. Bureau of the Census.

<sup>3</sup> Estimated.

<sup>4</sup> Includes veterans.



**Table 20.—Enrollment in summer-session and extension and correspondence work in institutions of higher education, 1919-20 to 1947-48**

Year	Enrollment		Year	Enrollment		
	Summer session <sup>1</sup>	Extension and correspondence work		Summer session <sup>1</sup>	Extension and correspondence work	
					Collegiate	Non-collegiate
1	2	3	1	2	3	4
1919-20.....	132,489	101,662	1933-34.....	303,754	208,507	45,484
1921-22.....	220,311	155,163	1935-36.....	370,026	251,469	46,452
1923-24.....	278,125	194,147	1937-38.....	429,864	295,351	75,822
1925-26.....	340,461	324,819	1939-40.....	456,679	292,236	70,145
1927-28.....	382,776	360,246	1941-42.....	426,849	278,554	83,833
1929-30.....	388,755	354,133	1943-44.....	479,326	244,842	98,496
1931-32.....	414,260	440,186	1945-46.....	515,602	<sup>2</sup> 535,957	(3)
			1947-48.....	955,429	<sup>2</sup> 759,909	(2)

<sup>1</sup> For odd years.

<sup>2</sup> Break-down by level not available before 1931-32 or for 1945-46 and 1947-48.

**Table 21.—Number of junior colleges and enrollment in junior colleges, 1919-20 to 1947-48**

Year	Total		Publicly controlled		Privately controlled	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1	2	3	4	5	6	7
1919-20.....	52	8,102	10	2,940	42	5,162
1921-22.....	80	12,124	17	4,771	63	7,353
1923-24.....	132	20,559	39	9,240	93	11,319
1925-26.....	153	27,095	47	13,859	106	13,236
1927-28.....	248	44,855	114	28,437	134	16,418
1929-30.....	277	55,616	129	36,501	148	19,115
1931-32.....	342	85,063	159	58,887	183	26,176
1933-34.....	322	78,480	152	55,869	170	22,611
1935-36.....	415	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	84,616	210	56,439	203	28,177
1945-46.....	460	156,456	235	109,640	225	46,816
1947-48.....	472	240,173	242	178,196	230	61,977



Table 22.—Number of teachers in schools and colleges, by type of school, and by sex, 1929-30 to 1947-48

Type of school, by level	1929-30		1939-40		1943-44		1945-46		1947-48	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
<b>Total</b> .....	217,138	820,467	301,131	803,152	226,886	826,760	252,760	825,619	319,800	844,658
Kindergarten and elementary schools:										
Public.....	67,239	573,718	67,140	508,060	31,890	507,046	34,916	506,612	39,655	515,284
Nonpublic.....	11,466	160,101	3,047	61,800	23,720	261,792	3,738	60,757	3,753	63,677
Secondary schools:										
Public, <sup>3</sup> .....	74,532	138,774	126,837	173,440	94,782	104,272	103,203	186,205	122,258	183,481
Nonpublic.....	18,157	113,631	11,547	18,583	211,960	219,719	12,886	23,484	15,578	25,990
Higher education: Full-time equivalent	1,564	1,251	1,968	1,753	1,576	1,881	1,925	2,350	2,618	2,493
Normal schools and teachers colleges:										
Publicly controlled.....	5,315	7,588	44,946	45,737	43,929	45,129	43,966	44,343	45,794	45,908
Privately controlled.....	680	880	4,365	4,657	4,289	4,564	4,316	4,548	4,359	4,543
Universities, colleges, and professional schools.....	55,297	15,112	480,936	424,176	474,531	27,539	486,071	480,567	4124,545	437,755
Residential schools for exceptional children.....	51,578	56,571	51,107	64,599	71,107	74,599	61,148	64,771	81,148	84,771
Federal schools for Indians and Alaskans.....	447	1,132	438	947	2,452	2,969	6,504	6,108	555	1,118
Private commercial and business schools.....	1,863	2,211	92,800	93,400	92,650	93,250	93,997	94,902	93,537	94,338

1 Statistics, 1927-1928.

2 Statistics, 1941-42.

3 Includes teachers in junior high schools.

4 Includes duplicates between noncollegiate departments and critic teachers in institutions of higher education.

5 Statistics, 1926-27.

6 Distribution by sex estimated.

7 Statistics, 1939-40.

8 Statistics, 1945-46.

9 Estimated.

STATISTICAL SUMMARY OF EDUCATION

Table 23.—Growth of reorganized public high schools in relation to regular public high schools, for specified years

Type of high school	1917-18		1921-22		1925-26		1929-30		1933-34		1937-38		1945-46*	
	Number of schools	Enrollment	Number of schools	Enrollment	Number of schools	Enrollment	Number of schools	Enrollment	Number of schools	Enrollment	Number of schools	Enrollment	Number of schools	Enrollment
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total high schools.....	14,443	1,735,619	14,056	2,496,234	17,710	3,741,450	22,237	5,212,179	23,213	6,557,936	24,590	7,420,702	23,947	6,919,624
Total regular high schools.....	13,571	1,578,079	12,490	1,927,746	14,184	2,202,052	16,460	2,652,271	16,574	3,360,440	15,056	3,227,837	13,625	2,694,992
Total reorganized high schools.....	872	157,540	1,566	568,488	3,526	1,539,398	5,777	2,559,908	6,639	3,197,496	9,534	4,192,865	10,322	4,224,632
Percent of reorganized schools or enrollment in reorganized schools to total.....	6.0	9.1	11.1	22.8	19.9	41.1	26.0	49.1	28.6	48.8	38.8	56.5	43.1	61.1
<i>Recognized high schools</i>														
Junior high schools.....	2,557	2,116,197	387	215,158	1,108	628,809	1,842	1,036,919	1,948	1,220,101	2,372	1,408,584	2,647	1,276,358
2-year, 2-3 plan.....	.....	.....	.....	.....	35	20,660	36	19,189	42	31,907	68	46,137	.....	.....
2-year, 2-4 plan.....	.....	.....	.....	.....	149	40,597	204	69,908	174	46,608	219	57,170	.....	.....
3-year, 3-2 plan.....	.....	.....	.....	.....	33	15,116	33	15,750	32	17,247	44	23,423	18	6,282
3-year, 3-3 plan.....	.....	.....	387	215,158	813	541,002	1,348	901,000	1,498	1,071,660	1,774	1,210,695	2,139	1,136,306
3-year, 3-4 plan.....	.....	.....	.....	.....	1,251	.....	.....	.....	6	.....	11	2,758	323	76,354
4-year, 4-2 plan.....	.....	.....	.....	.....	78	11,434	221	31,102	196	51,368	256	68,401	166	57,390
Junior-senior high schools.....	.....	.....	3,108	2,89,559	1,350	426,576	1,664	545,351	2,380	816,007	3,224	1,079,906	3,032	1,088,581
5-year <sup>4</sup> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6-year, 2-4 plan.....	.....	.....	.....	.....	612	156,067	671	183,588	1,035	245,312	1,435	346,385	1,321	361,916
6-year, 3-3 plan.....	.....	.....	.....	.....	738	270,509	993	361,783	1,826	564,389	1,751	722,385	1,566	659,083
6-year <sup>5</sup> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7-year, 3-4 plan.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Undivided high schools.....	.....	.....	.....	.....	653	193,559	1,623	433,825	1,558	420,839	2,979	732,157	3,326	700,222
5-year.....	.....	.....	.....	.....	158	47,916	115	39,090	146	70,755	401	130,843	133	23,121
6-year.....	.....	.....	.....	.....	495	145,643	1,508	394,735	1,412	350,084	2,578	601,314	3,193	677,101
Senior high schools.....	6,315	641,343	91	63,771	415	290,454	648	543,813	753	740,549	9,959	972,218	1,317	1,159,471
2-year.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3-year.....	.....	.....	.....	.....	287	226,098	504	452,521	605	642,846	737	819,584	1,207	1,062,011
4-year.....	.....	.....	.....	.....	128	64,356	144	91,292	140	90,902	213	143,495	110	97,460

<sup>1</sup> Classification does not fully conform with previous years.  
<sup>2</sup> Includes the junior part of junior-senior and undivided high schools.  
<sup>3</sup> Includes undivided high schools.  
<sup>4</sup> Division between junior and senior grades not available.  
<sup>5</sup> Other than 2-4 and 3-3 plans.  
<sup>6</sup> Includes the senior part of junior-senior and undivided high schools.

**Table 24.—Number of instructional staff, enrollments, and number of high-school graduates in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, 1947-48**

State	Instruc- tional Staff	Enrollment			High-school graduates		
		Total	Elementary	Secondary <sup>1</sup>	Total	Boys	Girls
1	2	3	4	5	6	7	8
<b>Total</b> .....	<b>70,150</b>	<b>2,306,062</b>	<b>2,006,836</b>	<b>299,226</b>	<b>38,623</b>	<b>15,502</b>	<b>23,121</b>
Alabama .....	6,969	230,702	201,221	29,481	4,239	1,680	2,559
Arkansas .....	2,630	98,948	88,356	10,592	1,353	557	796
Delaware .....	282	7,693	6,363	1,330	158	75	83
Florida .....	3,914	108,285	91,675	16,610	2,475	1,181	1,294
Georgia .....	7,227	248,360	219,123	29,237	2,865	1,032	1,833
Kentucky .....	1,395	36,619	29,967	6,652	999	413	586
Louisiana .....	4,733	169,031	154,575	14,456	2,525	946	1,579
Maryland .....	2,115	67,619	57,450	10,169	1,458	579	879
Mississippi .....	6,572	259,988	243,427	16,561	1,733	543	1,190
Missouri .....	1,693	53,182	44,404	8,778	757	370	387
North Carolina .....	7,404	258,740	220,622	38,118	5,120	1,911	3,209
Oklahoma .....	1,499	35,009	27,843	7,166	1,129	544	585
South Carolina .....	6,505	207,457	189,168	18,289	371	250	121
Tennessee .....	3,126	103,966	87,847	16,119	2,339	980	1,359
Texas .....	6,950	200,798	167,617	33,181	4,942	1,984	2,958
Virginia .....	4,713	150,636	122,906	27,730	4,045	1,584	2,461
West Virginia .....	985	25,266	19,339	5,927	1,016	430	586
District of Columbia...	1,438	43,763	34,933	8,830	1,099	443	656

<sup>1</sup> Last 4 years of school system.

Table 25.—Comparative data on attendance and average expenditures for white and Negro schools in 17 Southern States and the District of Columbia, 1947-48

State	Average length of terms in days		Average number of days attended by each pupil enrolled		Pupil-teacher ratio in elementary and secondary schools		Current expense per pupil in average daily attendance <sup>1</sup>		Average salary per member of instructional staff (supervisors, principals and teachers) <sup>2</sup>	
	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro
1	2	3	4	5	6	7	8	9	10	11
<b>Total</b> .....	<b>176.2</b>	<b>171.6</b>	<b>153.4</b>	<b>143.1</b>	<b>29</b>	<b>34</b>	-----	-----	-----	-----
Alabama.....	176.2	176.5	152.4	146.8	30	34	122.98	\$74.97	\$2,123	\$1,616
Arkansas.....	170.8	166.1	147.4	137.0	30	39	103.29	59.57	1,637	1,182
Delaware.....	178.3	179.3	155.8	150.6	24	29	n. a. <sup>3</sup>	n. a.	2,639	2,661
Florida.....	180.1	180.1	164.6	160.7	26	29	177.47	112.70	2,777	2,214
Georgia.....	176.7	174.9	151.1	138.5	29	35	126.87	58.73	1,924	1,281
Kentucky.....	171.1	176.6	142.4	149.0	31	28	n. a. <sup>3</sup>	n. a.	n. a.	n. a.
Louisiana.....	178.3	166.8	156.0	139.6	28	39	n. a.	n. a.	2,535	1,572
Maryland.....	185.7	185.9	164.5	159.0	30	34	200.51	165.06	3,369	3,137
Mississippi.....	162.9	140.9	150.0	117.8	29	40	114.74	23.82	1,703	638
Missouri.....	181.1	192.9	154.3	165.8	27	32	n. a.	n. a.	2,070	2,475
North Carolina.....	179.9	179.9	162.5	151.9	33	36	113.80	96.39	2,109	2,125
Oklahoma.....	175.0	175.0	153.5	153.5	28	28	142.55	167.85	2,255	2,522
South Carolina.....	179.2	169.3	152.0	132.2	27	32	146.42	67.62	2,007	1,359
Tennessee.....	176.3	177.5	153.7	155.0	30	33	n. a.	n. a.	n. a.	n. a.
Texas.....	174.3	171.5	147.6	139.0	28	30	n. a.	n. a.	2,620	2,384
Virginia.....	180.0	180.0	161.0	154.7	30	38	n. a.	n. a.	2,080	2,003
West Virginia.....	172.9	175.0	154.7	162.0	31	31	n. a.	n. a.	n. a.	n. a.
District of Columbia..	173.3	176.2	148.7	154.7	27	32	n. a.	n. a.	n. a.	n. a.

<sup>1</sup> Average for 9 States: White, \$136.73; Negro, \$74.67.

<sup>2</sup> Average for 14 States: White, \$2,271; Negro, \$1,742.

<sup>3</sup> Data not available.

Table 26.—Number of staff, enrollment, and graduates in institutions for the higher education of Negroes, by State, and by sex, 1947-48

State	Number of institutions reporting	Staff reduced to full-time personnel		Enrollment of students of college grade		Baccalaureate and first professional graduates	
		Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8
<b>Total</b> .....	<b>103</b>	<b>3,379</b>	<b>2,472</b>	<b>42,469</b>	<b>36,922</b>	<b>3,062</b>	<b>5,442</b>
Alabama.....	7	251	216	3,674	2,632	170	516
Arkansas.....	5	135	116	1,019	887	66	129
Delaware.....	1	33	35	207	128	25	24
Florida.....	4	141	146	1,871	1,655	95	161
Georgia.....	10	228	200	3,213	3,434	262	416
Kentucky.....	1	25	21	429	370	23	67
Louisiana.....	4	147	158	2,226	2,129	139	264
Maryland.....	4	101	73	1,065	1,052	90	186
Mississippi.....	7	139	119	1,139	1,133	91	134
Missouri.....	3	86	83	909	969	39	132
North Carolina.....	11	341	236	4,512	4,173	411	1,015
Ohio.....	2	86	58	786	635	72	132
Oklahoma.....	1	59	41	473	354	31	78
Pennsylvania.....	2	52	11	711	245	74	25
South Carolina.....	9	186	128	2,099	2,369	201	440
Tennessee.....	8	247	206	3,619	3,251	250	366
Texas.....	12	300	239	4,941	4,776	245	435
Virginia.....	6	272	206	3,194	2,662	261	438
West Virginia.....	3	98	62	1,505	1,158	114	195
District of Columbia.....	3	452	118	4,877	2,910	403	289

Table 27.—Number continuing through college per 1,000 pupils enrolled in the fifth grade of public and nonpublic schools in the years indicated

Education	Number continuing, per 1,000 pupils in the fifth grade in—												
	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Fifth grade <sup>1</sup> .....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
High-school graduation.....	302	316	333	355	378	403	417	432	455	462	467	439	393
College graduation.....	53	56	60	65	69	70	69	69	47	49	51	(2)	(2)
Year of college graduation.....	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948

<sup>1</sup> Fourth grade in 11-grade system; fifth in 12-grade system.

<sup>2</sup> Lack of detailed information regarding veteran students who graduated in 1947 and in 1948 makes impossible the calculation of retention rates.



**Table 28.—Number continuing through college per 1,000 pupils enrolled in the fifth grade of public and nonpublic schools in the years indicated, by grade or year**

Grade or year	Number continuing, per 1,000 pupils in the fifth grade in—												
	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Elementary schools:													
Fifth <sup>1</sup> .....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Sixth.....	939	954	943	929	935	944	953	946	954	954	955	963	968
Seventh.....	847	861	872	884	889	895	892	889	895	901	908	916	910
Eighth.....	805	825	824	818	831	836	842	839	849	850	853	846	886
High schools:													
I.....	736	760	770	780	786	792	803	814	839	811	796	781	781
II.....	624	647	652	651	664	688	711	725	704	679	655	673	697
III.....	498	512	529	546	570	594	610	587	554	519	532	552	566
IV.....	432	454	463	481	510	489	512	466	425	428	444	476	507
Graduates.....	378	403	417	432	455	462	467	439	393	398	419	450	481
Year of graduation...	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Colleges:													
I.....	137	139	148	154	160	142	129	119	121	(?)	(?)	(?)	(?)
Graduates.....	69	70	69	69	47	49	51	(?)	(?)				
Year of graduation...	1940	1941	1942	1943	1944	1945	1946	1947	1948				

<sup>1</sup> Fourth grade in 11-grade system; fifth grade in 12-grade system.

<sup>2</sup> Lack of detailed information regarding veteran students who graduated in 1947 and in 1948 makes impossible the calculation of retention rates.

**Table 29.—Number continuing through high school per 1,000 pupils enrolled in the first year of high school in public and nonpublic schools in the year indicated, by high-school year**

High-school year	Number continuing, per 1,000 pupils in the first year in high schools in—												
	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45
1	2	3	4	5	6	7	8	9	10	11	12	13	14
I.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
II.....	848	852	847	835	845	868	885	891	838	837	822	862	892
III.....	677	674	687	700	725	751	760	721	660	640	668	707	725
IV.....	586	597	601	617	649	618	638	573	506	527	558	609	649
Graduates.....	513	531	541	554	579	583	582	540	469	490	526	577	616
Year of high-school graduation.....	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948



Table 30.—Source of income for publicly and privately controlled education, 1947-48

[Thousands of dollars]

Source	Total	Elementary and secondary education	Institutions of higher education	Residential schools for exceptional children
1	2	3	4	5
Grand total.....	6,492,638	4,841,555	1,538,076	<sup>1</sup> 113,007
Publicly controlled.....	5,221,753	4,311,534	<sup>2</sup> 810,917	99,302
Total government.....	5,042,160	4,311,204	633,341	97,615
Federal.....	386,027	120,270	254,005	<sup>3</sup> 11,752
State.....	2,094,321	1,676,362	332,096	85,863
County, city, or district.....	2,561,812	2,514,572	47,240	-----
Student fees.....	84,518	-----	84,518	( <sup>4</sup> )
Private subsidies, gifts, and grants.....	14,886	330	14,556	( <sup>4</sup> )
Other sources.....	80,189	-----	78,502	1,687
Privately controlled.....	<sup>5</sup> 1,270,885	<sup>6</sup> 530,021	<sup>7</sup> 727,159	<sup>8</sup> 13,705
Total government.....	300,225	( <sup>8</sup> )	292,937	7,288
Federal.....	272,471	( <sup>8</sup> )	272,471	-----
State.....	27,473	( <sup>8</sup> )	20,185	7,288
County, city, or district.....	281	( <sup>8</sup> )	281	-----
Student fees.....	220,083	( <sup>8</sup> )	220,083	( <sup>4</sup> )
Private subsidies, gifts, and grants.....	76,912	( <sup>8</sup> )	76,912	( <sup>4</sup> )
Other sources.....	673,199	<sup>6</sup> 530,021	137,227	5,951

<sup>1</sup> 1939-40 data adjusted for changes in expenditures.<sup>2</sup> Does not include \$229,519,000 for auxiliary enterprises and activities, and \$10,930,000 for other noneducational expenditures.<sup>3</sup> Federal Indian schools.<sup>4</sup> Not reported separately.<sup>5</sup> Includes \$465,607 undistributed by source.<sup>6</sup> Estimated.<sup>7</sup> Does not include \$235,636,000 for auxiliary enterprises and activities, and \$12,891,000 for other noneducational expenditures.<sup>8</sup> Not estimated separately.

Table 31.—Biennial increases in income for education, by source, 1936-38 to 1946-48

[Thousands of dollars]

Source	1936-38	1938-40	1940-42	1942-44	1944-46	1946-48
1	2	3	4	5	6	7
Total.....	451,020	103,986	100,384	268,542	653,476	2,027,324
Public funds.....	360,610	62,279	81,470	264,626	401,439	1,763,267
Student fees.....	20,862	21,900	468	146,880	59,859	90,257
Gifts.....	20,464	5,537	<sup>1</sup> 2,284	720	15,979	13,972
Other sources.....	49,084	14,270	20,730	50,076	176,199	159,828

<sup>1</sup> Amount of decrease from previous year.

**Table 32.—Percentage distribution of receipts from taxation and appropriations for the public elementary and secondary school systems, by government source, 1931-32 to 1947-48**

Year	Total (percent)	Source			Year	Total (percent)	Source		
		State	County	Local			State	County	Local
1	2	3	4	5	1	2	3	4	5
1931-32	100.0	19.5	8.8	71.7	1941-42	100.0	31.6	6.2	62.2
1933-34	100.0	23.4	9.4	67.2	1943-44	100.0	33.6	5.6	60.8
1935-36	100.0	29.4	7.1	63.5	1945-46	100.0	35.5	6.0	58.5
1937-38	100.0	29.8	6.5	63.7	1947-48	100.0	41.1	5.2	53.7
1939-40	100.0	30.7	6.7	62.6					

**Table 33.—Expenditures, including capital outlay, for publicly and privately controlled education, 1947-48 [Thousands of dollars]**

Schools	Total	Publicly controlled	Privately controlled
1	2	3	4
<b>Total continental United States</b>	<b>6,574,379</b>	<b>5,237,568</b>	<b>1,336,811</b>
Elementary schools	2,915,469	1,257,011	1,658,458
Secondary schools	1,925,728	1,174,265	751,463
Colleges, universities, and professional schools (including noncollegiate departments) <sup>3</sup>	1,592,308	794,751	797,557
Teachers colleges and normal schools <sup>4</sup>	105,657	101,433	4,224
Schools for delinquents <sup>5</sup>	7,761	7,573	188
Schools for the blind <sup>5</sup>	4,127	1,678	2,449
Schools for the deaf <sup>5</sup>	5,739	3,695	2,044
Schools for the mentally deficient <sup>5</sup>	5,838	5,510	328
Federal schools for Indians	11,752	11,752	

<sup>1</sup> Distribution between elementary and secondary schools estimated on basis of teachers' salaries.

<sup>2</sup> Estimated on basis of cost per pupil in public schools.

<sup>3</sup> Does not include \$195,529,000 public, \$215,922,000 private, and \$411,451,000 total expenditure for auxiliary enterprises and activities and \$15,491,000 public, \$35,515,000 private, and \$51,006,000 total expenditure for other noneducational expenditures.

<sup>4</sup> Does not include \$26,166,000 public, \$1,371,000 private, and \$27,537,000 total expenditure for auxiliary enterprises and activities; and \$1,619,000 public, \$62,000 private, and \$1,681,000 total expenditure for other noneducational expenditures.

<sup>5</sup> 1939-40 expenditures for State and private residential schools reporting have been increased by the percentage increase in public elementary and secondary school expenditures. Does not include city public schools.

**Table 34.—Current expenditure per pupil in average daily attendance in 237 city school systems, 1947-48**

Size of city	Number of cities	Expenditure per pupil		
		Median	Range	Weighted mean
1	2	3	4	5
Group I, 100,000 population or more	50	\$198.43	\$98.38- 293.35	\$220.14
Group II, 30,000 to 99,999 population	55	203.63	109.69- 344.66	204.69
Group III, 10,000 to 29,999 population	69	174.04	99.71- 275.06	174.47
Group IV, 2,500 to 9,999 population	63	170.76	76.87- 297.13	168.92

Table 35.—Federal funds authorized or expended<sup>1</sup> for educational purposes, 1947-48

Total.....	\$194,224,180
Nonemergency funds.....	135,967,182
Office of Education, FEDERAL SECURITY AGENCY:	
Administration, research, and services by the offices in Washington, D.C. <sup>2</sup> .....	1,796,700
Total appropriation to the States and Territories for land-grant colleges and universities, vocational education, and rehabilitation.....	84,471,300
Land-grant colleges and universities.....	41,436,178
Instruction in agriculture and mechanic arts <sup>3</sup> .....	5,030,000
Agricultural extension service <sup>4</sup> .....	27,455,370
Agricultural experiment station <sup>5</sup> .....	8,950,808
Vocational education at secondary level <sup>6</sup> .....	<sup>6</sup> 25,035,122
Teacher training.....	1,114,756
Agricultural education.....	9,203,844
Trade and industry <sup>7</sup> .....	8,141,125
Home economics.....	4,961,031
Distributive education.....	1,613,766
Vocational rehabilitation.....	18,000,000
Other nonemergency funds.....	49,699,182
Federal schools for Indians and natives of Alaska.....	<sup>8</sup> 11,751,539
Federal oil and mineral royalties <sup>9</sup> .....	9,540,468
National forest funds <sup>10</sup> .....	6,040,470
National grazing funds <sup>11</sup> .....	256,964
U. S. Military Academy <sup>12</sup> .....	7,134,373
U. S. Naval Academy <sup>12</sup> .....	4,500,000
U. S. Marine Schools.....	978,289
Public schools in the Panama Canal Zone.....	973,273
Howard University.....	4,287,480
National Training School for Boys.....	493,767
Columbia Institution for the Deaf.....	259,500
Public schools of the District of Columbia.....	3,368,059
Books and other supplies for the blind.....	115,000
	58,256,998
Emergency operation, and extended school service.....	4,256,998
Expenditure for school lunch program.....	54,000,000

<sup>1</sup> Amounts given are actual expenditures when obtainable; otherwise the amount authorized by the Federal Government to be expended is given.

<sup>2</sup> Does not include transferred funds for expense of the Inter-American Education work, of the Surplus Property Utilization program, or of the Veterans Education Facilities program.

<sup>3</sup> Administered by the Office of Education, Federal Security Agency.

<sup>4</sup> Administered by the U. S. Department of Agriculture.

<sup>5</sup> Administered by the U. S. Department of Agriculture. Includes cost of administration, research, service of the staff in Washington, D. C., and printing of official experiment station documents.

<sup>6</sup> The maximum amount authorized for apportionment to the several States and Territories.

<sup>7</sup> A part of this sum may be used for home economics education.

<sup>8</sup> Expenditures compiled by Office of Indian affairs.

<sup>9</sup> The amount represents 37.5 percent of the receipts from the Mineral Leasing Act, which is paid to the various States receiving such funds for roads or schools.

<sup>10</sup> 25 percent of the current national forest receipts, chiefly from timber and grazing rights, is paid to the States for public roads and schools in the counties in which the forests are located.

<sup>11</sup> Taylor Grazing Act of June 28, 1934.

<sup>12</sup> In the reports made available to the Office of Education the pay of cadets at the Military Academy is included, but the pay of midshipmen at the Naval Academy is not included.

*Table 36.—Cost of physical property and value of funds for public elementary and secondary schools and for institutions of higher education*  
[Thousands of dollars]

<i>Item</i>	<i>Amount</i>
Public elementary and secondary schools:	
Land, buildings, and equipment.....	19,212,746
Permanent funds.....	694,154
Sinking funds.....	168,716
Institutions of higher education:	
Land, buildings, and equipment.....	3,691,725
Permanent endowments, including unexpended plant funds.....	2,688,762
Annuity funds.....	69,050
Student funds.....	44,190
Total.....	16,569,343

<sup>1</sup> Does not include State public-school lands, upon which it is difficult to set a value.

Table 37.—Enrollment in federally aided vocational classes operated under State plans, 1947-48

Type of school	Total	Agriculture	Distributive education	Home economics	Trade and industry
1	2	3	4	5	6
Total.....	3,522,575	640,791	292,905	1,823,132	765,747
Evening.....	1,213,175	297,713	192,238	479,999	243,225
Part-time.....	525,034	24,293	100,667	93,775	306,299
All-day.....	1,779,844	314,263	-----	1,249,358	216,223
Day-unit.....	4,522	4,522	-----	-----	-----

Table 38.—Expenditure of Federal, State, and local money for federally aided vocational classes operated under State plans, 1930-31 to 1947-48 [Thousands of dollars]

Year	Expenditure <sup>1</sup>			Year	Expenditure <sup>1</sup>		
	Total	From Federal funds	From State and local funds		Total	From Federal funds	From State and local funds
1	2	3	4	1	2	3	4
1930-31.....	32,143	7,979	24,164	1939-40.....	55,081	20,004	35,077
1931-32.....	32,402	8,415	24,988	1940-41.....	57,705	20,547	37,159
1932-33.....	30,127	7,728	22,399	1941-42.....	59,023	20,758	38,265
1933-34.....	28,188	6,951	21,237	1942-43.....	63,488	20,307	43,182
1934-35.....	29,290	9,372	19,918	1943-44.....	64,299	19,958	44,341
1935-36.....	33,428	9,749	23,679	1944-45.....	65,642	20,005	45,637
1936-37.....	36,399	10,014	26,386	1945-46.....	72,807	20,628	52,179
1937-38.....	44,995	17,737	27,257	1946-47.....	83,252	21,087	62,165
1938-39.....	52,668	19,435	33,234	1947-48.....	103,676	26,193	77,483

<sup>1</sup> For agriculture, trade and industry, home economics, teacher-training, and distributive education.

Table 39.—Institutions of higher education in outlying parts of the United States, 1947-48

Name and location of institution	Full-time equivalent of instructional staff	Enrollment				Degrees	
		Regular	Summer	Correspondence and extension	Short courses	Bachelors	Masters
1	2	3	4	5	6	7	8
Total, 1939-40.....	804	7,973	3,816	1,787	41	892	37
Total, 1947-48.....	944	12,724	8,275	4,986	4,147	1,224	20
University of Alaska, College, Alaska.....	61	334	-----	775	79	24	3
Canal Zone Junior College, Balboa Heights, Canal Zone.....	20	834	804	-----	-----	-----	-----
University of Hawaii, Honolulu, Hawaii.....	355	4,162	1,971	530	4,068	329	12
Polytechnic Institute of Puerto Rico, San German, Puerto Rico.....	30	369	314	55	-----	175	-----
University of Puerto Rico, Rio Piedras, Puerto Rico.....	478	7,025	5,186	3,626	-----	796	5

<sup>1</sup> Estimated.



Table 40.—Distribution of average salary of teachers in 48 States (excluding the District of Columbia), for specified years

Salary range	1910-11 <sup>1</sup>	1919-20	1929-30	1931-32	1933-34	1935-36	1937-38	1939-40	1941-42	1943-44	1945-46	1947-48
1	2	3	4	5	6	7	8	9	10	11	12	13
Average salary <sup>2</sup>	\$466	\$871	\$1,420	\$1,417	\$1,227	\$1,283	\$1,374	\$1,441	\$1,507	\$1,728	\$1,995	\$2,639
\$3,600-\$3,699												1
\$3,500-\$3,599												1
\$3,400-\$3,499												2
\$3,300-\$3,399												1
\$3,200-\$3,299												4
\$3,100-\$3,199												3
\$3,000-\$3,099												3
\$2,900-\$2,999											2	3
\$2,800-\$2,899												1
\$2,700-\$2,799										1		1
\$2,600-\$2,699								1	1	1		2
\$2,500-\$2,599											3	5
\$2,400-\$2,499			1	1		1			1			1
\$2,300-\$2,399					1		1	1		1	2	2
\$2,200-\$2,299							1			1	3	3
\$2,100-\$2,199			2	2					1			5
\$2,000-\$2,099							2	2	1	6	3	4
\$1,900-\$1,999				1					2	4	2	3
\$1,800-\$1,899			2	1	2	2	1	2	2	3	3	2
\$1,700-\$1,799					1	1	2	2	4	2	3	3
\$1,600-\$1,699			5	3	1	2	2	3	3	1	8	1
\$1,500-\$1,599			4	6	2	4	5	4	1	2	5	1
\$1,400-\$1,499			4	3	3	2	1	1	4	6	2	
\$1,300-\$1,399			2	3	3	3	3	4		7		
\$1,200-\$1,299		6	6	4	2	4	3	2	5	1	3	1
\$1,100-\$1,199		2	2	4	5	3	2	5	5	5	1	
\$1,000-\$1,099		3	4	4	2	4	8	7	8	3	2	
\$900-\$999		9	7	5	5	5	4	2	1	2		
\$800-\$899	1	6	4	5	6	3	5	6	5	1	1	
\$700-\$799	2	7	2	2	6	8	5	4	2	1		
\$600-\$699	6	5	3	3	5	3	1		1			
\$500-\$599	7	2		1	2	3	1	2	1			
\$400-\$499	13	7			2							
\$300-\$399	12	1					1					
\$200-\$299	6											
Under \$200	1											

<sup>1</sup> First year in which average annual salaries of teachers were computed for each State.  
<sup>2</sup> Including the District of Columbia.

**Table 41.—Number of veterans in training and expenditures for training and for vocational rehabilitation in specified years<sup>1</sup>**  
[Thousands of dollars]

Year	Vocational rehabilitation (P.L. 16)			Education and training (P.L. 346)		
	Average number of veterans in training	Amount of subsistence allowance	Amount for tuition, equipment, supplies, and materials	Average number of veterans in training	Amount of subsistence allowance	Amount for tuition, equipment, supplies, and materials
1	2	3	4	5	6	7
Total 5 years.....	-----	\$501,846	\$106,512	-----	\$3,505,412	\$1,474,511
Percent.....	-----	82.5	17.5	-----	70.4	29.6
1943-44.....	922	\$567	\$97	-----	-----	-----
1944-45.....	9,464	7,046	1,302	11,956	\$7,803	\$1,703
1945-46.....	44,578	37,993	7,094	376,750	317,905	32,113
1946-47.....	174,465	190,941	30,006	1,883,551	1,550,796	567,939
1947-48.....	237,382	265,298	68,013	2,213,382	1,628,908	872,756

<sup>1</sup> Date supplied by Veterans' Administration.

**Table 42.—Statement of retirement funds for staff of public elementary and secondary schools, as of July 1, 1948**  
[Thousands of dollars]

Balance on hand at beginning of year (cash and investments) usually July 1, 1947.....	\$1,764,571,000
Amounts added during the year:	
State.....	\$98,161,000
Local units.....	59,091,000
Participants.....	122,818,000
Earnings and other receipts.....	58,075,000
Total balances, earnings, and receipts.....	338,145,000
Total balances, earnings, and receipts.....	2,102,716,000
Payments:	
Losses, retirements, and expense of operation.....	125,792,000
Balance on hand, July 1, 1948 (cash and investments).....	1,976,924,000

271  
507  
125

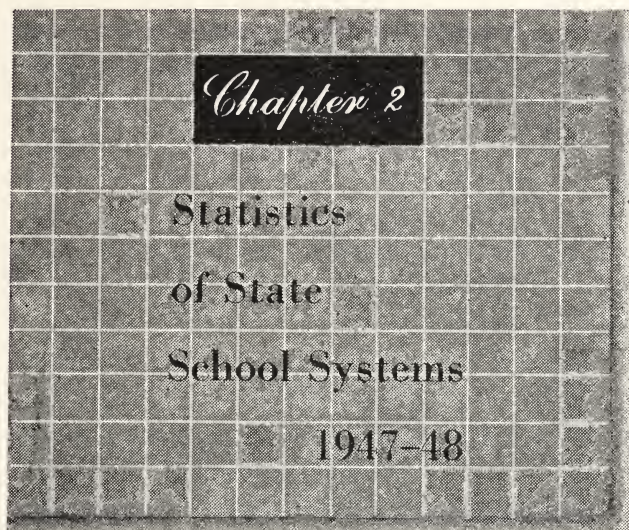
*Biennial Survey of Education in the United States—1946-48*

*Chapter 2*

Statistics  
of State  
School Systems

*1947-48*





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# FOREWORD

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THIS CHAPTER of the Biennial Survey of Education is one of a long series of periodic statistical reports on elementary and secondary education in the United States. A similar report has been issued for each school year ending in an even number since 1916-17; and an abridged report, published as a circular, has been issued for each school year ending in an odd number since 1939-40.

With respect to the topics covered in its field, the present document is perhaps the most comprehensive of any that have been issued by the Office of Education. The present report deals, for the most part, with the local public elementary and secondary full-time day schools, but some data are also included for the State and county administration of these schools; for evening, summer, and part-time schools; for nonpublic (private and parochial) elementary and secondary schools as a whole; and for the Catholic parochial segment of the nonpublic schools.

The present report, like its predecessors, represents the fruit of extensive cooperation. All who find the material in this document of interest or value owe gratitude, first to those persons in more than 156,000 elementary schools and more than 28,000 high schools who reported information to their immediate administrative officials. These officials—about 8,000 in number, and for the most part superintendents in county, city, or independent school districts—in turn assembled and summarized the data from their schools, and reported to their State departments of education (or, in the outlying parts of the United States, to an equivalent body). In the State departments, a second process of assembly and summarization took place. Finally, the data were reported to the Office of Education, where final assembly, editing, and summarization were completed.

It is clear that the geographic distribution of effort devoted to the present report is indeed very wide. The report represents a truly great cooperative undertaking. It aptly illustrates the clearing-house function of the Federal Government in the American educational system of decentralized control and voluntary cooperation.

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RALPH C. M. FLYNT,  
*Director, Division of Special Educational Services*

# CONTENTS

	<i>Page</i>
<b>TEXT</b>	
FOREWORD.....	III
ADMINISTRATIVE ORGANIZATION OF PUBLIC ELEMENTARY AND SECONDARY EDUCATION.....	2
State Boards of Education.....	2
Intermediate administrative units.....	2
Ultimate or basic administrative units.....	2
Personnel in State, intermediate, and ultimate or basic units..	3
INSTRUCTIONAL STAFF IN PUBLIC ELEMENTARY AND SECONDARY EDUCATION.....	4
Number and classification.....	4
Average annual salaries of instructional staff.....	4
ENROLLMENT AND ATTENDANCE IN PUBLIC ELEMENTARY AND SEC- ONDARY EDUCATION.....	7
Total enrollment.....	7
Elementary school enrollment.....	7
High-school enrollment (last 4 years of system and postgrad- uates).....	9
Ratio of public elementary and secondary enrollment to popu- lation and attendance.....	11
Children not in school.....	12
Average daily attendance.....	12
Pupil-teacher ratio.....	13
PUBLIC HIGH-SCHOOL GRADUATES.....	13
SMALL SCHOOLS.....	13
SCHOOL LUNCH PROGRAM.....	13
FINANCES OF PUBLIC ELEMENTARY AND SECONDARY EDUCATION... Receipts.....	15
Total expenditures.....	17
Current expenditures.....	17
Annual current expenditure per pupil in average daily attend- ance.....	20
Expenditures for transportation of pupils.....	23
Capital outlay.....	23
Interest.....	24
School property.....	24
School indebtedness.....	24
Retirement funds.....	25
Education a "big business".....	26
PUBLIC ELEMENTARY AND SECONDARY SCHOOLS FOR NEGROES... Enrollments.....	27
Attendance and school term.....	27
Teachers and other instructional staff.....	28
Finances.....	28
NONPUBLIC ELEMENTARY AND SECONDARY EDUCATION.....	29

## TEXT TABLES

	<i>Page</i>
I. Average annual salary per member of instructional staff in full-time public elementary and secondary day schools, by State, for specified years . . . . .	5
II. Enrollment and average daily attendance in full-time elementary and secondary day schools, and ratio (percent) of average daily attendance to enrollment, for specified years . . . . .	7
III. Enrollment in full-time elementary and secondary day schools and percent of change, by grade, for specified years . . . . .	9
IV. Enrollment in public high-school grades (last 4 years of secondary school system) and percent of change, by sex, for specified years . . . . .	9
V. School attendance of noninstitutional population aged 5-17 years (public and nonpublic schools) October 1947 . . . .	11
VI. Average length of school term in full-time public elementary and secondary day schools, for specified years . . .	12
VII. Average number of days attended in full-time public elementary and secondary day schools, per pupil enrolled, for specified years . . . . .	12
VIII. Number of pupils in average daily attendance in full-time public elementary and secondary day schools, per classroom teacher, by State, for specified years . . . . .	14
IX. Number of 1-room 1-teacher public-school buildings in use, for specified years . . . . .	15
X. Revenue receipts of public-school systems, by source, for specified years . . . . .	16
XI. Percent of receipts from taxation and appropriation obtained from State, county, and local sources, respectively, by State, for specified years . . . . .	19
XII. Source of revenue receipts of State school systems (elementary and secondary education), comparison of revenue receipts, 1945-46 and 1947-48 . . . . .	20
XIII. Expenditures of State school systems (elementary and secondary education), excluding debt retirement, by purpose, for specified years . . . . .	20
XIV. Current expenditure (excluding interest) per pupil in average daily attendance in full-time public elementary and secondary day schools, by State, for specified years . .	21
XV. Expenditure for transportation of pupils, excluding purchase of busses, for 24 States, 1947-48 . . . . .	23
XVI. School debt and interest payments per pupil in average daily attendance in full-time public elementary and secondary day schools, by State, for specified years . . .	25
XVII. Statement of retirement funds for staff of public elementary and secondary schools, as of July 1, 1948 . . . . .	26
XVIII. Resources and receipts, liabilities and disbursements, and net physical assets of State school systems (elementary and secondary education), for the school year ending June 30, 1948 . . . . .	27



	<i>Page</i>
XIX. Total expenditures in Negro elementary and secondary public schools in 8 Southern States for 1941-42, 1945-46, and 1947-48.....	28
XX. Teachers and enrollments in nonpublic (private and parochial) schools, for specified years.....	29

### DETAIL TABLES

1. Statistical summary of public elementary and secondary schools, 1870-1948.....	30
2. Boards of education and administrative staffs of intermediate and ultimate or basic administrative units, by State, 1947-48.....	32
3. Number of ultimate or basic administrative units, by level of instruction offered, by State, 1947-48.....	34
4. Number of personnel in State offices of education, by State, 1947-48.....	36
5. Number of instructional staff and clerical assistants in full-time public elementary and secondary day schools, by State, 1947-48.....	38
6. Number of health, transportation, and custodial employees in public schools, by State, 1947-48.....	40
7. Percentage of men teachers in public elementary and secondary day schools, by State, for specified years.....	42
8. Number of pupils enrolled in full-time public elementary and secondary day schools, by State, for specified years.....	44
9. Population, and number of pupils enrolled in full-time public elementary and secondary day schools, by State, 1947-48... ..	46
10. Enrollment, by grade, in full-time public day schools, for specified years.....	49
11. Enrollment, by grade, in full-time public elementary and secondary day schools, by State, 1947-48.....	50
12. Number of public high-school graduates and data pertaining to summer schools and adult education classes, by State, 1947-48.....	52
13. Percent of total population and percent of population aged 5-17 enrolled in full-time public elementary and secondary day schools, by State, for specified years.....	54
14. Average daily attendance, aggregate days attended, and average membership in full-time public elementary and secondary day schools, by State, 1947-48.....	56
15. Average daily attendance in full-time public elementary and secondary day schools, for specified years.....	58
16. Average length of school term and school attendance in full-time public elementary and secondary day schools, by State, for specified years.....	60
17. Number of, and enrollment in, 1-, 2-, and 3-teacher schools for States reporting, 1947-48.....	62
18. Number of public schools and transportation data, by State, 1947-48.....	64
19. Number of ultimate or basic administrative units and number of teaching positions, by State, 1947-48.....	66

	<i>Page</i>
20. Current expenditure for administration (general control), by each taxing unit (State, county, and local), 1947-48. . . . .	68
21. Balance on hand from school year 1946-47 and receipts from permanent school funds and leases of school lands, by State, 1947-48. . . . .	70
22. Income from appropriation and taxation, by State, 1947-48. .	71
23. Income from miscellaneous revenue sources, and total revenue receipts, by State, 1947-48. . . . .	72
24. Nonrevenue receipts and total of all receipts, by State, 1947-48. .	74
25. Percentage analysis of revenue receipts, by State, 1947-48. . . .	76
26. Current expenditure for administration (general control) and for instruction, by State, 1947-48. . . . .	78
27. Current expenditure for operation, maintenance, and auxiliary services, by State, 1947-48. . . . .	80
28. Current expenditure for fixed charges and total current expenditures, by State, 1947-48. . . . .	82
29. Expenditure for capital outlay, by State, 1947-48. . . . .	84
30. Summary of expenditures and detail on debt retirement, by State, 1947-48. . . . .	86
31. Expenditure for public elementary and secondary education per capita of population and per pupil in average daily attendance, by State, 1947-48. . . . .	88
32. Cost value of public property used for public elementary and secondary school purposes, by State, 1947-48. . . . .	90
33. Permanent school funds, school lands, and debt funds, by State, 1947-48. . . . .	92
34. School bonds and other forms of school indebtedness, by State, 1947-48. . . . .	94
35. Status of retirement funds for employees of public elementary and secondary schools, by State, 1947-48. . . . .	96
36. Statistical summary of Negro public elementary and secondary schools in 17 Southern States and the District of Columbia, 1919-20 to 1947-48. . . . .	98
37. Instructional staff and number of clerical assistants in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, 1947-48. . . . .	99
38. Percent of men teachers in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, for specified years. . . . .	100
39. Employees in health, transportation, and custodial services in Negro public elementary and secondary schools in 12 Southern States and the District of Columbia, 1947-48. . . . .	101
40. Number of basic or ultimate administrative units containing Negro schools, and number of Negro teaching positions in 11 Southern States and the District of Columbia, 1947-48. . . . .	102
41. Number of pupils enrolled, by grade, in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, for specified years. . . . .	103
42. Number of pupils enrolled, by grade, in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, 1947-48. . . . .	104

	<i>Page</i>
43. Number of pupils enrolled, number of high-school graduates, and enrollment in 1-, 2-, and 3-teacher schools in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, 1947-48. . . . .	105
44. School attendance and average length of school term, for Negro public day schools in 17 Southern States and the District of Columbia, 1947-48. . . . .	106
45. White and Negro enrollment, instructional staff, teacher load, length of school term, attendance, and unit costs in 17 Southern States and the District of Columbia, 1947-48. . . . .	107
46. Current expenditure for administration, instruction, operation and maintenance of plant, and auxiliary services in Negro public schools in 14 Southern States keeping separate records, 1947-48. . . . .	108
47. Expenditure for fixed charges, capital outlay, interest, and debt retirement, and annual and daily expenditure per pupil in average daily attendance in Negro public schools in 9 Southern States keeping separate records, 1947-48. . . . .	109
48. Number of Negro public elementary and secondary schools, value of Negro school property, and transportation data for Negro schools in 15 Southern States and the District of Columbia, 1947-48. . . . .	110
49. Number of teachers employed in nonpublic (private and parochial) schools, by State, 1947-48. . . . .	111
50. Number of pupils enrolled in nonpublic (private and parochial) schools, by State, 1947-48. . . . .	113
51. Number of schools, teachers, and pupils in Catholic elementary and secondary schools, 1947-48. . . . .	115

### FIGURES

1. Average annual salary of instructional staff in full-time public elementary and secondary day schools, by State, 1947-48. . . . .	6
2. Biennial changes in enrollments in elementary and high-school grades, of full-time public day schools, 1918-20 to 1946-48. . . . .	8
3. Percent of total public-school enrollment in public high schools, by State, last 4 years of system, 1947-48. . . . .	10
4. Percent of receipts from taxation and appropriation from State, county, and local sources, by State, 1947-48. . . . .	18
5. Current expenditure per pupil in average daily attendance in full-time public elementary and secondary day schools (exclusive of community services), by State, 1947-48. . . . .	22



# Statistics of State School Systems, 1947-48

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THIS CHAPTER presents data on public elementary and secondary education in 1947-48,<sup>1</sup> together with comparisons extending over a 78-year period. Three tables at the end of the chapter give some statistics for nonpublic (private and parochial) elementary and secondary schools.<sup>2</sup> In general, the data relate to the 48 States and the District of Columbia; to some extent, however, the outlying parts of the United States are also covered.

Total figures for the continental United States include the District of Columbia. Comparisons, however, between individual States and the District of Columbia should not be made, since the school system of the District of Columbia is more comparable to the school systems in other large cities, rather than to the system of an entire State, where both rural and city systems are included.

Over a period of several years the Office of Education, together with cooperating agencies (especially the State Departments of Education and the Association of School Business Officials), has placed emphasis on the development of uniform terminology in school records, accounts, and reports. As a result, the comparability of the data from the States has been improved and the presentation of the data facilitated.

Data for this chapter were supplied by State Departments of Education to the Federal Security Agency, Office of Education. The State reports were based on data furnished by 95,000 ultimate or basic administrative units, and represent the cooperative effort of more than 1½ million persons, including superintendents, supervisors, principals, teachers, and other instructional and noninstructional staff.

Together with data from the Bureau of the Census for July 1948, this report makes available perhaps the most comprehensive summary of statistics on elementary and secondary education in the United

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<sup>1</sup> Not including public residential schools for exceptional children, nor Federal schools for Indians and Alaskan aborigines. Data for the former category, for 1947-48, are available in ch. 5 of the Biennial Survey of Education, *Statistics of Special Schools and Classes for Exceptional Children* (Washington, U. S. Government Printing Office, 1950). Data for the latter category are published by the Department of the Interior, Bureau of Indian Affairs.

<sup>2</sup> Not including private residential schools for exceptional children, nor private vocational and trade schools. Data for the former category for 1947-48, are available in ch. 5 of the Biennial Survey (see footnote 1 above). No data are available for the latter category.



States ever presented. The report furnishes basic information for the formulation of educational policies and procedures. A summary of much of this information is presented in table 1.<sup>3</sup>

Much additional detailed information pertaining to school activities is available for inspection and use in the files of the Office of Education and the library of the Federal Security Agency. This material consists of annual or biennial reports, circulars, laws, and other publications of most of the States.

## *Administrative Organization of Public Elementary and Secondary Education*

### *State Boards of Education*

Forty States have State boards of education, six have vocational boards, and two States have both State boards of education and vocational boards (table 2). The authority of these boards ranges from that of serving in an advisory capacity to that of formulating policies and exercising administrative responsibilities. In many States the State boards are assisted by professional and clerical staffs. The tendency at present is for one State board to have control of all elementary and secondary education, including vocational.

### *Intermediate Administrative Units*

Intermediate units for public-school administration include counties, parts of counties, townships, and supervisory unions set up between the State and the ultimate or basic units. Although the responsibilities of intermediate units vary widely, their primary purpose is to provide administrative and supervisory services to the smaller units composing them. There were approximately 1,000 intermediate units in 1947-48 (table 3).

### *Ultimate or Basic Administrative Units*

Each of the 95,000 ultimate or basic administrative units is directly responsible for the functioning of its own schools (table 3). The geographic area served by the ultimate administrative unit is principally the *local school district*, of which there were approximately 94,000 in 1947-48. In some States, however (such as West Virginia and Florida), the ultimate administrative unit serves an entire county. In such cases, the county superintendent has both administrative and operating responsibilities for all the schools in the county; no subordinate school authority reports directly to the State Department of

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<sup>3</sup> Roman numerals indicate text tables; Arabic numerals indicate detail tables presented in the latter part of this chapter.

Education; and no intermediate administrative unit is needed. Finally, a few ultimate units (such as the unorganized territories of Maine and Wisconsin, and the State unit in Delaware) are operated directly by the State Department of Education.

Each of the 95,000 ultimate or basic administrative units typically has a board, usually of 3 to 9 members, vested with policy-making and supervisory authority. There were approximately 320,000 school board members and 18,000 local school trustees in 1947-48. These officials hold their positions as a result of statutory provisions for the administration of school systems. There were, in 1947-48, 5,000 fewer ultimate or basic administrative units, and 30,000 fewer school board members, than in 1945-46. This shows the continuing tendency for two or more administrative units to consolidate into one unit.

### *Personnel in State, Intermediate, and Ultimate or Basic Units*

State offices of education reported 2,712 professional staff members, 3,672 clerical assistants, and 149 operation and maintenance employees in 1947-48, or a total of 6,533 persons (table 4). This represents an increase of 1,130 persons, or 21 percent, since 1945-46. Part of this increase is due to such newer activities as the school lunch and nutrition program, surplus property distribution, veterans' activity, etc. This professional staff includes superintendents or commissioners, deputy or assistant superintendents or commissioners, directors of divisions and chiefs of organized services, and supervisory personnel functioning at the State level.

The intermediate links between the State and local operating units had the services of 5,000 superintendents and other professional personnel and 1,500 clerical employees (table 2).

The administrative offices of the ultimate or basic administrative units employed 18,500 superintendents and professional staff, 6,200 attendance officers, and 13,100 clerical assistants—a total of 37,800, which is an increase of 7,600 persons, or 25 percent more than the number in 1945-46. In addition, the ultimate or basic units employed approximately 9,200 supervisors, 37,100 principals, 860,700 teachers (table 5), and more than 250,000 clerical and miscellaneous employees. The increase in number of attendance officers is reflected in better attendance in the schools.

Personnel other than instructional in the ultimate or basic units are reported in tables 5 and 6. These persons are engaged in clerical, health, dental, recreational, transportation, cafeteria, and operation and maintenance duties. Many of these employees are part time. Not all States collect information for noninstructional personnel, but estimates for States failing to report are included in the total of 250,000.

## *Instructional Staff in Public Elementary and Secondary Education*

### *Number and Classification*

The instructional staff in 1947-48 consisted of 861,000 teachers, 9,000 supervisors, and 37,000 principals, a total of 907,000 persons (table 5) as compared with 867,000 in 1945-46. These figures signify increases, especially in supervisors and principals. The duty of supervisors is to direct the teaching plans and procedures of teachers at a particular level or in a particular subject. Principals usually administer a building or group of buildings under a superintendent, with or without the aid of supervisors. The instructional staff, in addition to the usual classroom teacher, includes all other persons who supply services supplemental to instruction, such as library work, study hall, and guidance.

The percentage of men teachers decreased from 41 in 1870-71 to 14 in 1919-20. Following this time there was a gradual increase in the percentage of men teachers until 1939-40, when it was 22.2. During World War II, in 1943-44, men teachers constituted only 15 percent of the total. Since then the percentage has risen to 16.6 percent in 1945-46 and 18.8 percent in 1947-48 (table 7).

### *Average Annual Salaries of Instructional Staff*

The Office of Education collected information on salaries of teachers from 1869-70 until 1917-18, and on salaries of total instructional staff from 1919-20 to the present (table 1). It was 1912-13 before the average salary of teachers in public elementary and secondary education reached \$500 per year. The period since 1929-30 has—except for the depression period 1933-34 to 1937-38—been characterized by a steady increase, until the average, for the continental United States was \$2,639 in 1947-48 for teachers, principals, and supervisors. (See table I and fig. 1). Due to the greatly increased cost of living, however, the 1947-48 average salary had less purchasing power than the lower average salary in 1929-30.

Salaries vary greatly among States. The five States paying the highest average salaries are California, \$3,690; New York, \$3,476; Washington, \$3,325; Maryland, \$3,321; and Connecticut, \$3,249. The five States paying the lowest average salaries are South Carolina, \$1,742; Georgia, \$1,724; North Dakota, \$1,665; Arkansas, \$1,545; and Mississippi, \$1,256.

Table I.—Average annual salary per member of instructional staff<sup>1</sup> in full-time public elementary and secondary day schools, by State, for specified years

State	1929-30	1933-34	1935-36	1937-38	1939-40	1941-42	1943-44	1945-46	1947-48
1	2	3	4	5	6	7	8	9	10
<b>Continental United States.....</b>	<b>\$1,420</b>	<b>\$1,227</b>	<b>\$1,283</b>	<b>\$1,374</b>	<b>\$1,441</b>	<b>\$1,507</b>	<b>\$1,728</b>	<b>\$1,995</b>	<b>\$2,639</b>
Alabama.....	792	625	606	707	744	787	1,009	1,276	1,957
Arizona.....	1,637	1,309	1,399	1,535	1,544	1,653	1,903	2,167	3,136
Arkansas.....	673	465	504	571	584	678	845	1,068	1,545
California.....	2,123	1,899	1,776	2,201	2,351	-----	2,616	2,987	3,690
Colorado.....	1,453	1,172	1,248	1,294	1,393	1,417	1,600	1,822	2,540
Connecticut.....	1,812	1,607	1,679	1,862	1,861	1,932	2,019	2,393	3,249
Delaware.....	1,570	1,484	1,555	1,623	1,684	1,741	1,932	2,202	2,642
Florida.....	876	806	905	1,003	1,012	1,130	1,390	1,719	2,641
Georgia.....	684	640	587	715	770	806	923	1,081	1,724
Idaho.....	1,200	794	943	1,087	1,057	1,115	1,379	1,672	2,239
Illinois.....	1,630	1,397	1,369	1,608	1,700	1,807	2,018	2,280	3,016
Indiana.....	1,466	1,127	1,294	1,375	1,433	1,505	1,833	2,143	3,073
Iowa.....	1,094	834	875	932	1,017	1,061	1,289	1,676	2,088
Kansas.....	1,159	858	855	903	1,014	1,021	1,313	1,666	2,191
Kentucky.....	896	676	787	835	826	936	1,158	1,295	1,884
Louisiana.....	941	725	793	982	1,006	1,086	1,427	1,537	2,236
Maine.....	942	803	798	860	894	1,000	1,158	1,409	1,767
Maryland.....	1,518	1,409	1,455	1,564	1,642	1,713	2,069	2,262	3,321
Massachusetts.....	1,875	1,730	1,834	2,009	2,037	2,049	2,219	2,512	3,103
Michigan.....	1,534	1,162	1,499	1,586	1,576	1,671	2,013	2,337	3,020
Minnesota.....	1,251	1,006	1,120	1,185	1,276	1,288	1,567	1,878	2,482
Mississippi.....	620	474	571	479	559	517	790	856	1,256
Missouri.....	1,235	1,175	1,048	1,134	1,159	1,223	1,410	1,793	2,069
Montana.....	1,215	957	1,073	1,077	1,184	1,224	1,453	1,838	2,582
Nebraska.....	1,077	749	772	813	829	854	1,159	1,514	1,919
Nevada.....	1,483	1,317	1,521	1,465	1,557	1,644	1,876	1,992	2,988
New Hampshire.....	1,254	1,182	1,207	1,258	1,258	1,293	1,366	1,530	2,355
New Jersey.....	2,113	1,873	1,864	2,006	2,093	2,157	2,353	2,561	3,102
New Mexico.....	1,113	994	984	1,090	1,144	1,190	1,456	1,970	2,741
New York.....	2,493	2,361	2,414	2,322	2,604	2,618	2,726	2,946	3,476
North Carolina.....	873	576	735	897	946	1,019	1,342	1,602	2,114
North Dakota.....	900	621	648	684	745	750	1,059	1,469	1,665
Ohio.....	1,665	1,420	1,522	1,506	1,587	1,747	1,912	2,165	2,847
Oklahoma.....	1,070	815	783	1,027	1,014	1,120	1,429	1,796	2,277
Oregon.....	1,612	921	1,154	1,286	1,333	1,430	1,809	2,164	2,941
Pennsylvania.....	1,620	1,531	1,549	1,593	1,640	1,724	1,972	2,124	2,597
Rhode Island.....	1,437	1,509	1,664	1,756	1,809	1,830	2,042	2,098	3,105
South Carolina.....	788	599	637	734	743	820	973	1,132	1,742
South Dakota.....	956	614	711	752	807	844	1,158	1,530	1,883
Tennessee.....	902	725	718	726	862	880	1,062	1,287	1,901
Texas.....	924	849	941	1,013	1,079	1,091	1,329	1,640	2,585
Utah.....	1,330	1,094	1,177	1,324	1,394	1,454	1,792	2,016	2,968
Vermont.....	963	770	917	952	981	1,001	1,165	1,692	2,066
Virginia.....	861	779	810	864	899	1,047	1,308	1,574	2,062
Washington.....	1,556	1,217	1,369	1,746	1,706	1,920	2,099	2,547	3,325
West Virginia.....	1,023	913	1,091	1,096	1,170	1,265	1,508	1,676	2,364
Wisconsin.....	1,399	1,211	1,280	1,307	1,379	1,428	1,705	2,002	2,560
Wyoming.....	1,239	967	1,023	1,053	1,169	1,145	1,471	1,654	2,187
District of Columbia.....	2,269	2,004	2,376	2,339	2,350	1,329	2,610	2,637	3,411

<sup>1</sup> Instructional staff consists of supervisors, principals, and teachers.



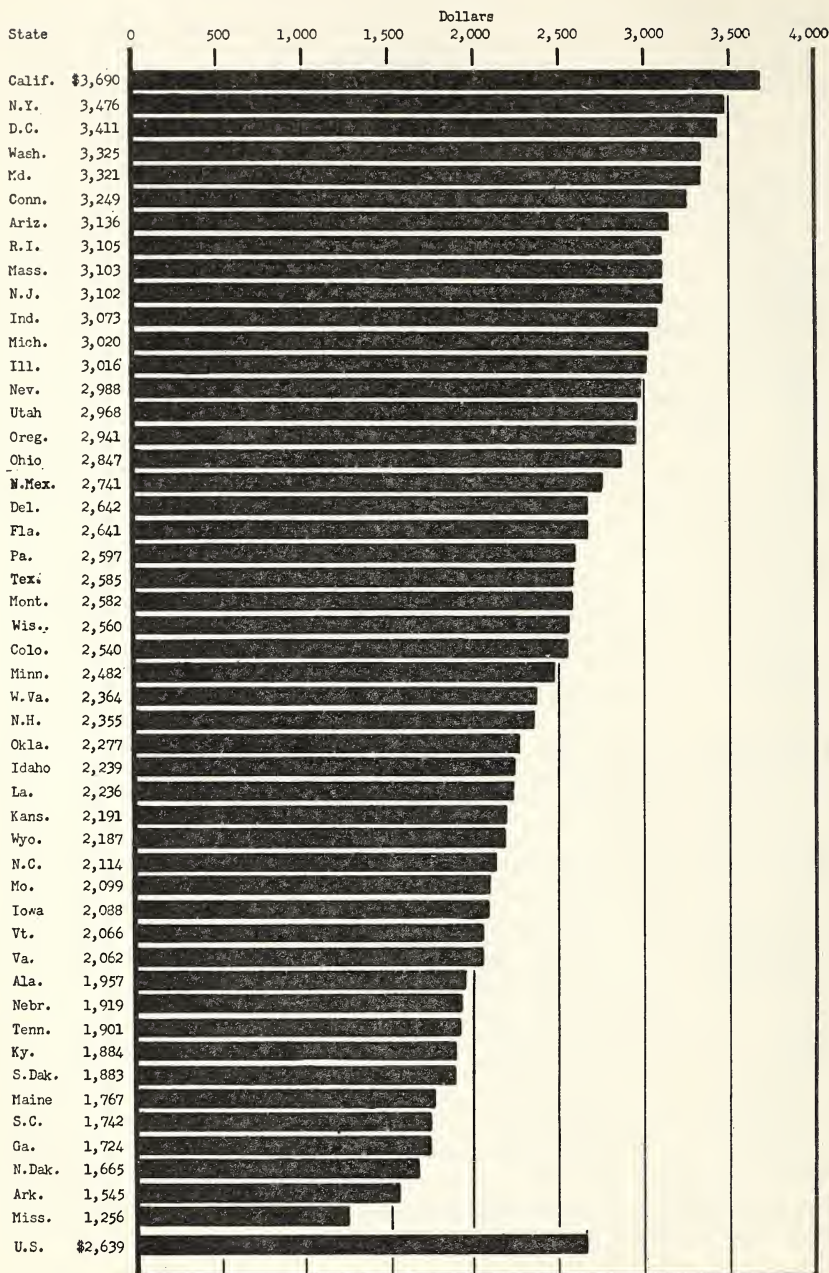


Figure 1.—Average annual salary of instructional staff in full-time public elementary and secondary day schools, by State, 1947-48



## *Enrollment and Attendance in Public Elementary and Secondary Education*

### *Total Enrollment*

Over a long period of years, elementary and secondary enrollments in the Nation are governed principally by two factors, namely, (1) birth rates, and (2) the tendency of an increasing percentage of children to attend school and to stay in school longer. There were 7½ million pupils in full-time public elementary and secondary day schools in 1870-71. This increased to 25½ million in 1929-30 (fig. 2, and table 8), and to almost 26½ million in 1933-34. Enrollments decreased for the next 11 years (table II). Only since 1944-45 have total enrollments increased again (tables II, III, and IV).

*Table II.—Enrollment and average daily attendance in full-time elementary and secondary day schools, and ratio (percent) of average daily attendance to enrollment, for specified years*

Year	Enrollment (thousands)	Average daily attendance (thousands)	Percent average daily attendance is of enrollment	Year	Enrollment (thousands)	Average daily attendance (thousands)	Percent average daily attendance is of enrollment
1	2	3	4	1	2	3	4
1909-10.....	17,814	12,827	72.0	1940-41.....	25,296	21,547	85.2
1919-20.....	21,578	16,150	74.8	1941-42.....	24,562	21,031	85.6
1929-30.....	25,678	21,265	82.8	1942-43.....	24,155	20,293	84.0
1931-32.....	26,275	22,245	84.7	1943-44.....	23,267	19,603	84.3
1933-34.....	26,434	22,458	85.0	1944-45.....	23,226	19,671	84.7
1935-36.....	26,367	22,299	84.6	1945-46.....	23,300	19,849	85.2
1937-38.....	25,975	22,298	85.8	1946-47.....	23,657	20,449	86.4
1939-40.....	25,434	22,042	86.7	1947-48.....	23,945	20,910	87.3

Both the Second World War and the lessening birthrates of the 1930's affected enrollments during the first half of the present decade. Since then, recovery from war conditions and the increase in birth rates are causing increases in enrollments. Table 9 gives population and enrollment, by level and sex, by State; table 10 gives enrollment, by grade, for specified years; table 11 gives enrollment by grade and by State; and table 12 gives enrollments in summer schools and in adult education classes.

### *Elementary School Enrollment*

The enrollment in full-time public elementary day schools was highest in 1929-30, when it reached 21,300,000 (table 1). From that time, enrollment continued to decrease until 1944-45 to 17,700,000

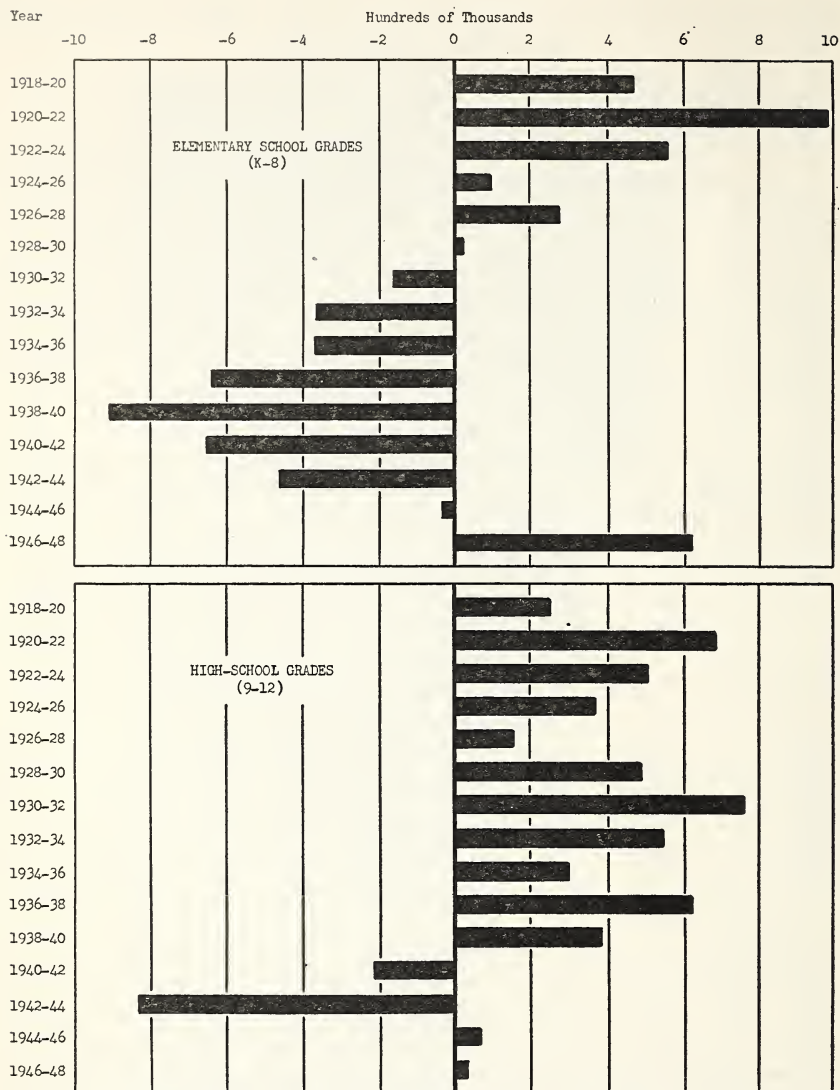


Figure 2.—Biennial changes in enrollments in elementary and high-school grades, of full-time public day schools, 1918-20 to 1946-48

pupils (table 10). Due to the increasing number of births in the past few years, enrollments have increased since 1944-45 in kindergarten through the seventh grade (table III and 10). These increases are small compared with what we may expect in the near future.

Table III.—Enrollment in full-time elementary and secondary day schools and percent of change, by grade, for specified years

Grade	Enrollment (thousands)				Percent increase or decrease			
	1939-40	1943-44	1945-46	1947-48	1939-40 to 1943-44	1943-44 to 1945-46	1945-46 to 1947-48	1939-40 to 1947-48
1	2	3	4	5	6	7	8	9
<b>Total elementary and high-school pupils</b> .....	<b>25,434</b>	<b>23,267</b>	<b>23,300</b>	<b>23,945</b>	<b>-8.5</b>	<b>+1.1</b>	<b>+2.8</b>	<b>-5.9</b>
<b>Total elementary school pupils</b> .....	<b>18,832</b>	<b>17,713</b>	<b>17,678</b>	<b>18,291</b>	<b>-5.9</b>	<b>-1.2</b>	<b>+3.5</b>	<b>-2.9</b>
Kindergarten.....	595	697	773	989	+17.3	+10.8	+27.9	+66.3
First grade.....	3,018	2,879	2,895	2,951	-4.6	+1.5	+2.0	-2.2
Second grade.....	2,333	2,221	2,319	2,363	-4.8	+4.4	+1.9	+1.3
Third grade.....	2,332	2,163	2,191	2,259	-7.2	+1.3	+3.1	-3.1
Fourth grade.....	2,322	2,080	2,094	2,183	-10.4	+1.7	+4.2	-6.0
Fifth grade.....	2,248	2,017	2,006	2,055	-10.3	-1.5	+2.4	-8.6
Sixth grade.....	2,176	1,998	1,910	1,940	-8.2	-4.4	+1.5	-10.9
Seventh grade.....	2,108	1,965	1,837	1,898	-6.8	-6.5	+3.3	-10.0
Eighth grade.....	1,701	1,694	1,654	1,653	-1.4	-2.4	-1.0	-2.8
<b>Total high-school pupils</b> .....	<b>6,601</b>	<b>5,554</b>	<b>5,622</b>	<b>5,653</b>	<b>-15.9</b>	<b>+1.2</b>	<b>+1.6</b>	<b>-14.4</b>
First year.....	2,011	1,775	1,728	1,673	-11.8	-2.6	-3.2	-16.8
Second year.....	1,767	1,520	1,555	1,503	-14.0	+2.3	-3.4	-15.0
Third year.....	1,486	1,230	1,256	1,272	-17.2	+2.1	+1.3	-14.4
Fourth year.....	1,282	1,010	1,032	1,131	-21.2	+2.3	+9.5	-11.8
Postgraduate.....	55	20	50	75	-64.8	+156.6	+50.2	+35.6

Table IV.—Enrollment in public high-school grades (last 4 years of secondary school system)<sup>1</sup> and percent of change, by sex, for specified years

Year	Enrollments (thousands)			Percent		Percent of change over previous enrollment given <sup>1</sup>
	Total	Boys	Girls	Boys	Girls	
1	2	3	4	5	6	
1909-10.....	915	398	517	43.6	56.4	-----
1919-20.....	2,200	992	1,208	45.1	54.9	140.4
1929-30.....	4,399	2,115	2,284	48.1	51.9	99.9
1931-32.....	5,140	2,531	2,609	49.2	50.8	16.8
1933-34.....	5,669	2,802	2,867	49.4	50.6	10.3
1935-36.....	5,975	2,949	3,026	49.4	50.6	5.4
1937-38.....	6,227	3,033	3,194	48.7	51.3	4.2
1939-40.....	6,601	3,251	3,350	49.2	50.8	6.0
1940-41.....	6,714	3,274	3,440	48.8	51.2	1.7
1941-42.....	6,388	3,090	3,298	48.4	51.6	-4.9
1942-43.....	6,122	2,892	3,230	47.2	52.8	-4.2
1943-44.....	5,554	2,554	3,000	46.0	54.0	-9.3
1944-45.....	5,560	2,566	2,994	46.1	53.9	.1
1945-46.....	5,622	2,633	2,989	46.8	53.2	1.1
1946-47.....	5,838	2,823	3,015	48.4	51.6	3.8
1947-48.....	5,653	2,747	2,906	48.6	51.4	-3.2

<sup>1</sup> Including 9 to 12 and postgraduate grades.

### High-School Enrollment (Last 4 Years of System and Post-graduates)

The enrollment in full-time public secondary day schools reached the highest point of 6,700,000 in 1940-41 (table IV). Since then it has decreased 16 percent, and was even lower during the war. These

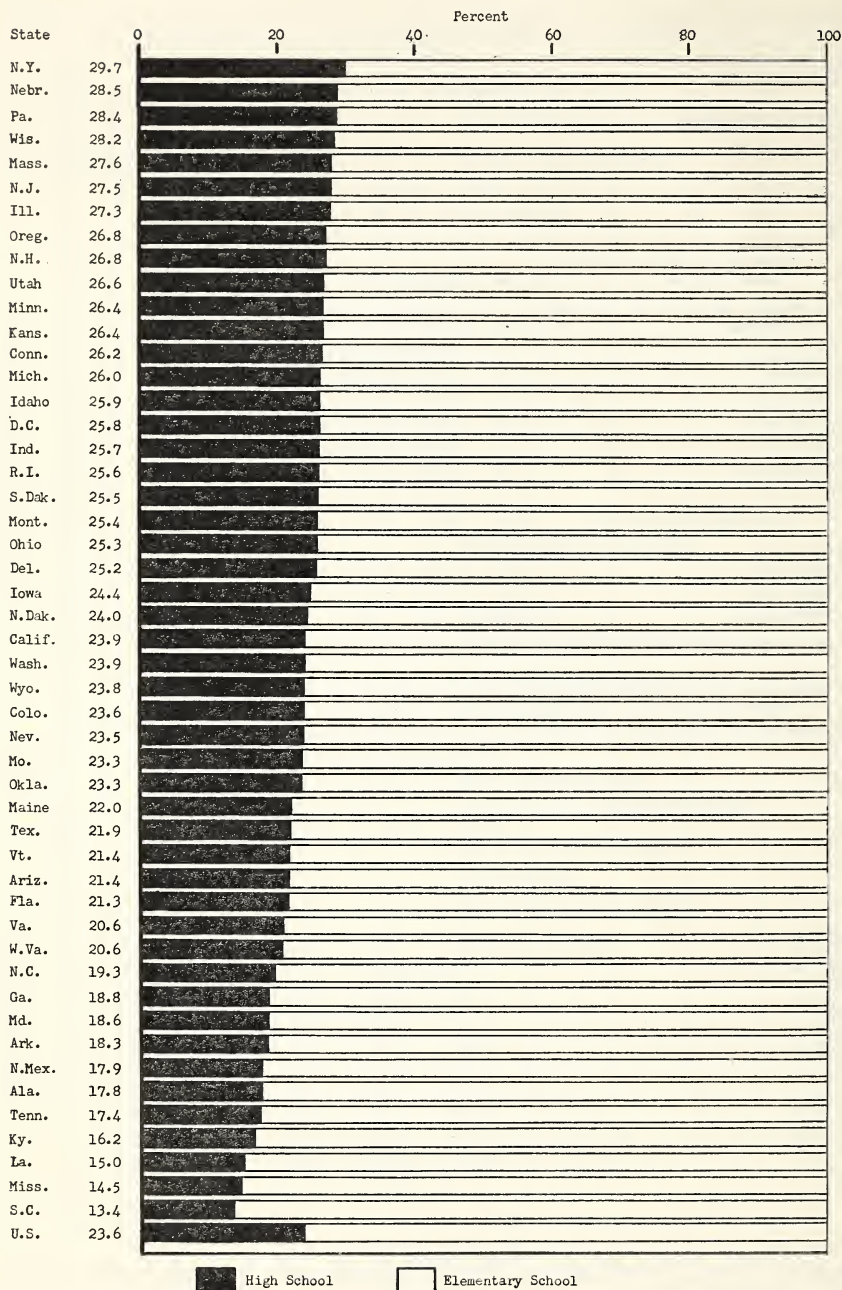


Figure 3.—Percent of total public school enrollment in public high schools, by State, last 4 years of system, 1947-48



decreases are due to the low birth rates in the 1930's. The enrollment is still over a million less than just before the war, but the greatly increased birth rates of the past 10 years will be reflected later in much greater enrollments. There is a continuing tendency for a greater percentage of children of high-school ages to attend high school.

The percentage of the total public elementary and secondary school enrollment that attends high school varies greatly among the States (fig. 3). The five States having the highest percentage are New York, 29.7; Nebraska, 28.5; Pennsylvania, 28.4; Wisconsin, 28.2; and Massachusetts, 27.6 percent. The five lowest are Tennessee, 17.4; Kentucky, 16.2; Louisiana, 15.0; Mississippi, 14.5; and South Carolina, 13.4 percent (fig. 3).

### *Ratio of Public Elementary and Secondary Enrollment to Population and Attendance*

The ratio of the number of children enrolled in full-time public elementary and secondary day schools to the total number of children aged 5-17 was 85.3 percent in 1939-40, while in 1947-48 (table 13) it was only 79.4 percent. This decline was due to an increase in non-public school enrollment; to reduced retardation in school; and to better pupil accounting procedure. The percentage of enrollment in daily attendance increased from 86.7 to 87.3 percent during the same period (table 13). This percentage had gone down to 84.3 percent in 1943-44, during the war. Table V gives figures on school attendance (in public and nonpublic schools together) taken from a report of the Bureau of the Census for October 1947.<sup>4</sup>

*Table V.—School attendance of noninstitutional population aged 5-17 years (public and nonpublic schools), October 1947*

Age <sup>1</sup>	Total population (thousands)	Enrollment in school	
		Number (thousands)	Percent
5 years.....	2,766	1,477	53.4
6 years.....	2,522	2,427	96.2
7 to 9 years.....	6,959	6,851	98.4
10 to 13 years.....	8,570	8,451	98.6
<b>Total 6 to 13 years.....</b>	<b>18,051</b>	<b>17,729</b>	<b>98.2</b>
14 to 15 years.....	4,158	3,809	91.6
16 to 17 years.....	4,334	2,928	67.0
<b>Total 14 to 17 years.....</b>	<b>8,492</b>	<b>6,737</b>	<b>79.3</b>
<b>Total 5 to 17 years.....</b>	<b>29,309</b>	<b>25,943</b>	<b>88.5</b>

<sup>1</sup> 5-year-olds correspond roughly to kindergarten, 6-13-year-olds to elementary grades, and 14-17-year olds to high school.

<sup>4</sup> Current Population Reports, Population Characteristics, Series P-20, No. 19—July 30, 1948. School Enrollment of the Civilian Population: October 1947.



### Children Not in School

The statistics indicate a total of 3,366,000 children 5 to 17 years of age, not in school: 1,289,000 of kindergarten age; 322,000 of elementary school age; 349,000 normally in the first 2 years of high school; and 1,406,000 normally in the last 2 years of high school.<sup>5</sup> Of these, the only two large groups not in school are the 5-year-olds, for whom insufficient kindergarten facilities are available, and the 16- and 17-year-olds who would normally be in the last 2 years of high school (table V).

### Average Daily Attendance

The average daily attendance for 1947-48 (table 14) was 20,910,000; this was 87.3 percent of the total enrollment, and the highest such percentage for any year since 1870. Table 15, a historical table, gives the average daily attendance beginning in 1870-71 and for specified years to date. The length of term has continued to increase (table 16) and has reached the highest point to date. The average number of days attended by each pupil enrolled reached the highest to date, 155 days. Tables VI and VII show that a smaller number of States have a short term and that the average number of days attended per pupil enrolled has increased.

**Table VI.—Average length of school term in full-time public elementary and secondary day schools, for specified years**

Days	Number of States, by year					
	1937-38	1939-40	1941-42	1943-44	1945-46	1947-48
1	2	3	4	5	6	7
<b>Total</b> .....	48	48	48	48	48	48
140 to 149.9.....	1	1	1	1	-----	-----
150 to 159.9.....	4	3	2	2	-----	1
160 to 169.9.....	6	7	9	9	8	3
170 to 179.9.....	26	25	25	24	28	32
180 or more.....	11	12	11	12	12	12

**Table VII.—Average number of days attended in full-time public elementary and secondary day schools, per pupil enrolled, for specified years**

Days	Number of States, by year					
	1937-38	1939-40	1941-42	1943-44	1945-46	1947-48
1	2	3	4	5	6	7
<b>Total</b> .....	48	48	48	48	48	48
100-109.9.....	1	-----	-----	-----	-----	-----
110-119.9.....	-----	1	1	-----	-----	-----
120-129.9.....	4	4	3	3	-----	-----
130-139.9.....	8	4	9	10	8	2
140-149.9.....	7	9	8	16	17	11
150-159.9.....	19	18	18	14	17	21
160-169.9.....	9	12	9	5	6	14

<sup>5</sup> For a more detailed presentation and discussion of these data, see the article by E. M. Foster, *Children Not in School*, in the *American School Board Journal*, vol. 120, No. 4, April 1950.

### *Pupil-Teacher Ratio*

Table VIII gives the number of pupils in average daily attendance per classroom teacher. In continental United States the pupil-teacher load, based on average daily attendance, increased from 23.9 to 24.3 between 1945-46 and 1947-48; based on enrollments, it decreased from 28.1 to 27.8. States with small rural schools hold down the average load. Among the States the pupil-teacher load in 1947-48, in terms of average daily attendance, ranged from 13.2 in South Dakota to 29.8 in North Carolina; in terms of enrollment, these figures are, respectively, 17.0 and 33.6.

### *Public High-School Graduates*

During the year 1947-48, 1,073,178 pupils graduated from public high schools. This was 61.6 percent of the class entering in 1944-45, and 94.9 percent of those enrolled in the twelfth grade in 1947-48 (table 12). These percentages are the largest to date. With the increasing holding power of the schools and the increasing birthrate, we may expect nearly 2,000,000 high-school graduates in another 15 years.

### *Small Schools*

Although there has been considerable consolidation, small public schools still remain (table IX) which, because of their size, are not only limited in their offerings to the community, but are expensive. There are 75,000 1-teacher schools (tables 17 and 18), with an average enrollment of 16.3 pupils; and, estimating for States unable to report, there are 17,500 2-teacher schools with an average enrollment of 53.3 pupils, and 7,000 3-teacher schools with an average enrollment of 85 pupils (table 17). If these schools were consolidated so that each teacher had a load of 30 pupils, and if there were no increase in educational services, there would be a saving of 40,000 teachers (or the 40,000 teachers could care for 1,200,000 more pupils).

Small schools are related to small school districts. A total of 67,000 ultimate or basic administrative units in 35 States (out of the 95,000 units in the Nation) reported on the number of teachers per unit. Of this 67,000, 13,000 reported no teachers (all pupils presumably are transported to other districts); 34,000 reported 1 teacher; and 12,000 reported at least 2 but fewer than 10 teachers—many of these doing their teaching in 1-room schools. Assuming that the 67,000 units are a fair sample, it appears that 88 percent of the ultimate or basic administrative units of the Nation have fewer than 10 teachers (table 19).

*Table VIII.—Number of pupils in average daily attendance in full-time public elementary and secondary day schools, per classroom teacher, by State, for specified years<sup>1</sup>*

State	1939-40	1941-42	1943-44	1945-46	1947-48
1	2	3	4	5	6
<b>Continental United States.....</b>	<b>25.2</b>	<b>24.5</b>	<b>23.7</b>	<b>23.9</b>	<b>24.3</b>
Alabama.....	29.2	28.8	27.1	27.2	26.7
Arizona.....	26.1	26.0	25.4	24.4	25.0
Arkansas.....	29.1	27.8	26.0	26.2	27.3
California.....	27.6	25.9	26.2	27.9	29.2
Colorado.....	22.3	21.0	20.5	21.0	21.3
Connecticut.....	26.6	24.0	20.8	22.9	23.2
Delaware.....	24.1	23.1	22.3	22.2	21.5
Florida.....	24.8	24.3	24.5	24.4	24.2
Georgia.....	25.6	26.4	23.9	24.9	25.6
Idaho.....	23.5	22.2	22.9	24.6	25.8
Illinois.....	23.8	23.2	22.3	22.5	22.8
Indiana.....	27.5	26.6	27.3	25.0	25.0
Iowa.....	19.5	18.8	18.1	19.2	19.2
Kansas.....	19.6	19.3	18.1	19.0	18.9
Kentucky.....	26.2	26.2	24.7	24.7	25.4
Louisiana.....	26.8	26.0	25.1	26.9	26.9
Maine.....	24.1	23.1	23.9	22.1	22.9
Maryland.....	29.8	29.2	28.9	28.3	27.3
Massachusetts.....	25.4	23.9	21.6	21.9	23.4
Michigan.....	26.3	26.6	26.0	26.2	26.5
Minnesota.....	21.5	21.1	20.4	20.9	21.7
Mississippi.....	32.1	29.7	28.9	30.1	29.6
Missouri.....	22.7	22.8	22.4	23.1	23.2
Montana.....	18.9	17.5	16.5	17.2	18.3
Nebraska.....	17.6	16.5	16.0	16.4	16.8
Nevada.....	20.1	21.0	20.9	20.5	21.3
New Hampshire.....	22.9	21.9	19.6	19.3	22.3
New Jersey.....	23.5	22.4	21.1	21.0	21.4
New Mexico.....	28.0	27.0	25.9	25.9	25.7
New York.....	23.8	23.4	23.0	21.2	21.7
North Carolina.....	32.2	31.2	29.7	29.3	29.8
North Dakota.....	17.2	15.6	15.0	15.5	15.8
Ohio.....	25.7	26.4	25.5	25.3	25.3
Oklahoma.....	24.0	24.8	24.1	24.8	24.9
Oregon.....	22.8	22.4	23.2	24.3	24.1
Pennsylvania.....	27.4	26.5	24.5	24.7	24.1
Rhode Island.....	26.4	22.9	21.8	21.2	22.4
South Carolina.....	25.6	25.2	24.1	23.5	23.9
South Dakota.....	15.3	14.6	13.7	14.4	15.0
Tennessee.....	26.6	25.9	25.3	25.5	26.4
Texas.....	24.7	23.1	23.4	23.8	23.9
Utah.....	28.0	27.4	27.2	28.9	28.0
Vermont.....	21.3	20.2	19.1	22.0	22.7
Virginia.....	27.9	27.8	26.5	28.5	28.3
Washington.....	25.9	25.9	24.8	24.4	24.6
West Virginia.....	28.9	25.3	23.5	24.4	27.7
Wisconsin.....	23.7	23.1	22.3	21.9	22.2
Wyoming.....	18.5	16.8	17.8	17.9	19.1
District of Columbia.....	27.1	26.1	24.6	24.4	25.4
<b>Outlying parts of the United States.....</b>	<b>36.5</b>	<b>33.7</b>	<b>35.4</b>	<b>32.1</b>	<b>35.2</b>
Alaska.....	17.4	18.5	17.9	18.9	18.7
Canal Zone.....	27.6	24.6	25.2	20.1	26.7
Guam.....	32.2	-----	-----	-----	-----
Hawaii.....	28.4	-----	27.6	24.3	26.6
Puerto Rico.....	42.1	40.3	39.8	36.9	39.4
Virgin Islands.....	-----	27.8	23.9	-----	-----

<sup>1</sup> These figures are based on actual attendance. The national average number of pupils enrolled per teacher would be 27.8 for 1947-48.

*Table IX.—Number of 1-room 1-teacher public-school buildings in use, for specified years*

Year	All buildings in use	1-room 1-teacher buildings		Year	All buildings in use	1-room 1-teacher buildings	
		Number	Percent of total			Number	Percent of total
1	2	3	4	1	2	3	4
1909-10.....	265,474	212,448	80.0	1935-36.....	237,816	130,708	55.0
1919-20.....	271,319	187,948	69.3	1937-38.....	229,394	121,178	52.8
1923-24.....	263,280	165,417	62.8	1939-40.....	226,762	113,600	50.1
1927-28.....	255,551	153,306	60.0	1941-42.....	222,660	107,692	48.4
1929-30.....	248,117	148,712	59.9	1943-44.....	209,309	96,302	46.0
1931-32.....	245,951	143,445	58.3	1945-46.....		86,563	
1933-34.....	242,929	138,542	57.0	1947-48.....		75,096	

### *School Lunch Program*

On June 4, 1946, Congress passed the School Lunch Act, under which the Department of Agriculture subsidizes the purchase of certain food items and provides certain surpluses free for school-lunch purposes.

During 1947-48, the Federal Government appropriated \$54,000,000 for the school-lunch program, of which about \$2,000,000 went to private schools and the remainder to the public schools. In addition, the schools were given as much as they could use of the available surplus farm commodities. Nearly all States have provided staffs to supervise this school-lunch program (table 20).

Forty thousand schools served school lunches each day to an average of  $5\frac{1}{4}$  million children. The largest number served at any one time was about  $5\frac{1}{4}$  million. The value of this program for the health of the Nation can scarcely be overestimated, particularly if the educational possibilities of the program in teaching children to choose healthful and nutritious food are realized.

### *Finances of Public Elementary and Secondary Education*

With public-school property worth more than \$9,000,000,000, and with an expenditure by the schools of more than \$4,300,000,000 annually, finance has become a major factor in school administration. The coming years will bring increasing expenditures, especially in view of increasing enrollments and the large building program which has been started.

#### *Receipts*

Revenue receipts increased from \$3,060,000,000 in 1945-46 to \$4,312,000,000 in 1947-48 (table X). During the same period expenditures increased \$1,404,000,000, or 48 percent. The increase in

Table X.—Revenue receipts of public-school systems, by source, for specified years

Source	1929-30		1939-40		1941-42		1943-44		1945-46		1947-48	
	Amount (thousands)	Percent	Amount (thousands)	Percent	Amount (thousands)	Percent	Amount (thousands)	Percent	Amount (thousands)	Percent	Amount (thousands)	Percent
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	\$2,088,557	100.0	\$2,260,527	100.0	\$2,416,580	100.0	\$2,604,322	100.0	\$3,059,845	100.0	\$4,311,534	100.0
Federal.....	7,334	4	39,810	1.7	34,305	1.4	35,886	1.4	41,378	1.4	120,270	2.8
State.....	353,670	16.9	684,354	30.3	759,993	31.5	859,183	33.0	1,062,057	34.7	1,676,362	38.9
County.....	216,747	10.4	151,097	6.7	150,223	6.2	146,243	5.6	1,185,097	6.0	229,761	5.3
Local and subsidies.....	1,510,806	72.3	1,385,266	61.3	1,472,058	60.9	1,563,010	60.0	1,771,312	57.9	2,285,141	53.0



both receipts and expenditures has been greater in this 2-year period than in any other biennium in the past 20 years.

Revenue receipts consist of appropriations from general Government funds, receipts from taxes levied for school purposes, income from permanent funds, receipts from leases of school lands, Federal aid for vocational education and school lunches, and receipts from miscellaneous sources (tables 21 to 25 and fig. 4). An increasingly larger proportion of public-school money is being furnished by the State government, and at the same time a smaller proportion is being furnished by the county and local taxing units (tables X and XI). The increasing share of educational support by the State tends to equalize education for the less financially favored units. Changes in revenue receipts for the 2-year period 1945-46 to 1947-48 are shown in tables X and XII. A percentage breakdown for revenue receipts is given in table 25.

During the same period (1945-46 to 1947-48) nonrevenue receipts increased from \$258,329,000 to \$557,897,000 (table 24), an increase of 116 percent. About \$500,000,000 of this amount is from the sale of bonds and will be used for new construction.

### *Total Expenditures*

The total expenditure (current, capital outlay, and interest) by public elementary and secondary full-time day schools, summer schools, and adult classes was \$4,311,176,000 (tables 26-30). The corresponding figure in 1939-40 was \$2,344,049,000; in 1941-42 it was \$2,322,698,000; in 1943-44 it was \$2,452,581,000; and in 1945-46 it was \$2,906,886,000 (table XIII). The distribution of expenditures among current expenses, capital outlay, and interest in 1947-48 is set forth in table 30.

### *Current Expenditures*

Current expenditures include administration or general control—State, county, and local (table 20)—instruction, operation of plant, maintenance of plant, auxiliary services,<sup>6</sup> and fixed charges.<sup>7</sup> State expenditures for these purposes are set forth in tables 20, 26, 27, and 28. In 1947-48, total current expenditure amounted to \$3,794,-702,000 (of which \$42,897,000 was for community services not chargeable to the education of pupils). Comparable total amounts for other dates were: 1939-40, \$1,941,799,000; 1941-42, \$2,067,660,000; 1943-44 \$2,293,337,000; and 1945-46, \$2,707,441,000. The figures

<sup>6</sup> "Auxiliary Services" include mainly transportation of pupils, school health services, the school lunch program, and extra-curricular activities.

<sup>7</sup> "Fixed Charges" include mainly expenditures for insurance and school contributions to teacher retirement funds. Interest is not included (interest is a separate account).

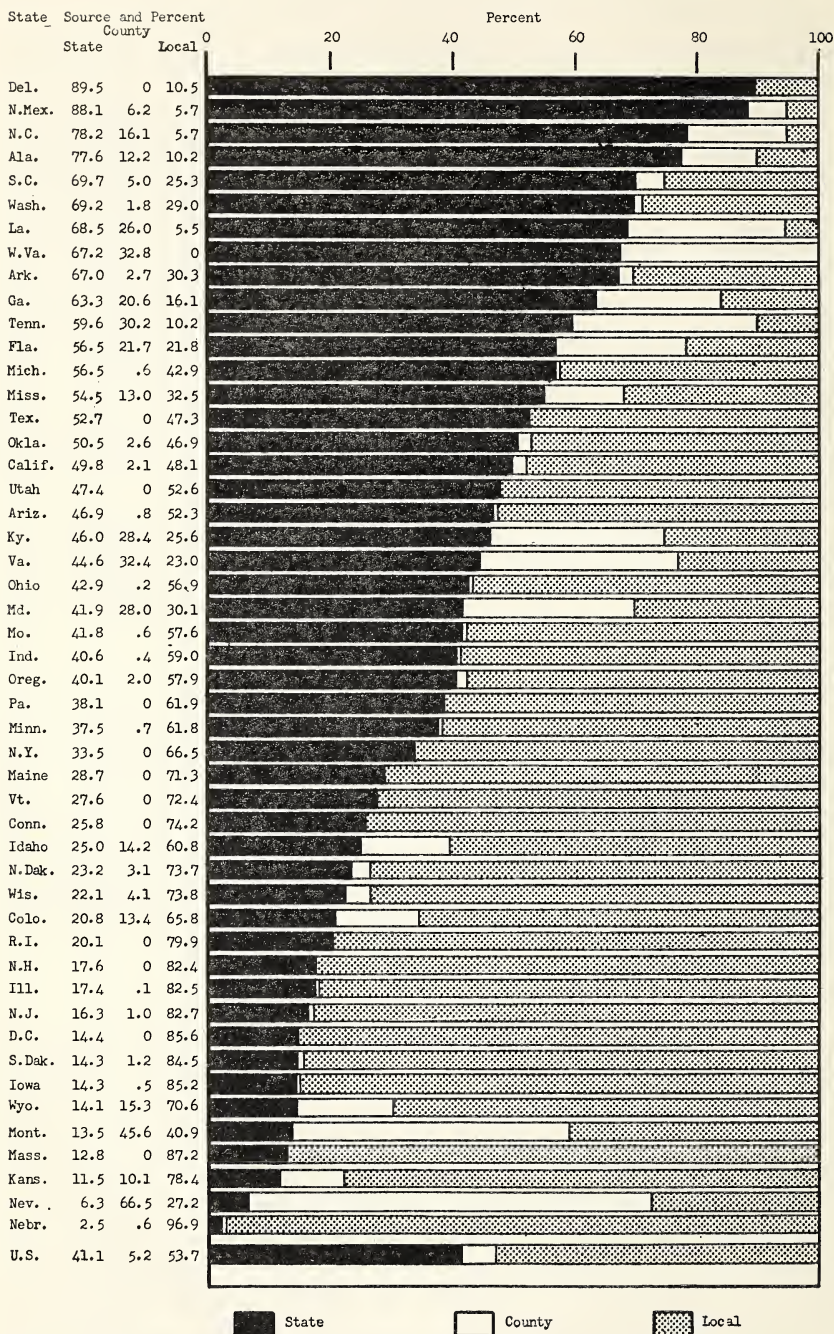


Figure 4.—Percent of receipts from taxation and appropriation from State, county, and local sources, by State, 1947-48

Table XI.—Percent of receipts from taxation and appropriation obtained from State, county, and local sources, respectively, by State, for specified years

State	State			County			Local		
	1929-30	1939-40	1947-48	1929-30	1939-40	1947-48	1929-30	1939-40	1947-48
1	2	3	4	5	6	7	8	9	10
<b>Continental United States.....</b>	<b>16.7</b>	<b>30.7</b>	<b>41.1</b>	<b>10.6</b>	<b>6.7</b>	<b>5.2</b>	<b>72.7</b>	<b>62.6</b>	<b>53.7</b>
Alabama.....	43.7	58.6	77.6	29.7	22.8	12.2	26.6	18.6	10.2
Arizona.....	17.4	21.2	46.9	38.4	38.2	.8	44.2	40.6	52.3
Arkansas.....	33.6	46.0	67.0	2.9	3.8	2.7	63.5	50.2	30.3
California.....	25.1	47.8	49.8	36.9	2.0	2.1	38.0	50.2	48.1
Colorado.....	.1	5.5	20.8	26.5	20.7	13.4	73.4	73.8	65.8
Connecticut.....	7.5	8.8	25.8	-----	-----	-----	92.5	91.2	74.2
Delaware.....	88.1	92.7	89.5	-----	-----	-----	11.9	7.3	10.5
Florida.....	21.6	51.8	56.5	29.6	17.0	21.7	48.8	31.2	21.8
Georgia.....	36.5	58.2	63.3	30.1	16.6	20.6	33.4	25.2	16.1
Idaho.....	.6	12.0	25.0	27.9	25.6	14.2	71.5	62.4	60.8
Illinois.....	4.5	10.2	17.4	-----	.1	.1	95.5	89.7	82.5
Indiana.....	1.7	33.2	40.6	-----	.6	.4	98.3	66.2	59.0
Iowa.....	3.3	1.1	14.3	-----	2.6	.5	96.7	96.3	85.2
Kansas.....	.1	11.7	11.5	-----	14.4	10.1	99.9	73.9	78.4
Kentucky.....	26.3	41.8	46.0	29.0	26.6	28.4	44.7	31.6	25.6
Louisiana.....	25.2	56.9	68.5	54.5	30.2	26.0	20.3	12.9	5.5
Maine.....	29.0	15.9	28.7	-----	-----	-----	71.0	84.1	71.3
Maryland.....	17.3	21.9	41.9	34.3	31.3	28.0	48.4	46.8	30.1
Massachusetts.....	9.0	10.2	12.8	-----	-----	-----	91.0	89.8	87.2
Michigan.....	19.9	46.0	56.5	-----	.5	.6	80.1	53.5	42.9
Minnesota.....	17.3	35.2	37.5	5.0	1.6	.7	77.7	63.2	61.8
Mississippi.....	32.9	38.6	54.5	23.1	20.0	13.0	44.0	41.4	32.5
Missouri.....	10.7	35.8	41.8	4.2	.4	.6	85.1	63.8	57.6
Montana.....	3.7	8.4	13.5	43.2	20.4	45.6	53.1	71.2	40.9
Nebraska.....	.7	1.1	2.5	-----	1.0	.6	99.3	97.9	96.9
Nevada.....	13.2	20.3	6.3	58.6	58.4	66.5	28.2	21.3	27.2
New Hampshire.....	8.8	5.5	17.6	-----	-----	-----	91.2	94.5	82.4
New Jersey.....	21.0	5.7	16.3	.8	14.9	1.0	78.2	79.4	82.7
New Mexico.....	3.5	69.3	88.1	74.7	13.2	6.2	21.8	17.5	5.7
New York.....	28.6	33.9	33.5	-----	-----	-----	71.4	66.1	66.5
North Carolina.....	1.4	71.2	78.2	61.2	20.7	16.1	37.4	8.1	5.7
North Dakota.....	2.8	14.4	23.2	7.8	8.7	3.1	89.4	76.9	73.7
Ohio.....	3.6	37.7	42.9	32.4	1.5	.2	64.0	60.8	56.9
Oklahoma.....	5.9	40.2	50.5	8.5	6.4	2.6	85.6	53.4	46.9
Oregon.....	-----	.4	40.1	18.5	25.9	2.0	81.5	73.7	57.9
Pennsylvania.....	14.0	21.2	38.1	-----	-----	-----	86.0	78.8	61.9
Rhode Island.....	8.3	10.7	20.1	-----	-----	-----	91.7	89.3	79.9
South Carolina.....	26.9	49.9	69.7	27.0	5.3	5.0	46.1	44.8	25.3
South Dakota.....	.5	8.5	14.3	-----	3.5	1.2	99.5	88.0	84.5
Tennessee.....	23.7	34.3	59.6	35.6	49.6	30.2	40.7	16.1	10.2
Texas.....	35.9	41.3	52.3	-----	-----	( <sup>1</sup> )	64.1	58.7	47.7
Utah.....	32.1	41.3	47.4	-----	35.5	-----	67.9	23.2	52.6
Vermont.....	12.4	17.1	27.6	-----	-----	-----	87.6	82.9	72.4
Virginia.....	28.5	34.7	44.6	31.5	37.7	32.4	40.0	27.6	23.0
Washington.....	26.2	61.3	69.2	16.1	5.5	1.8	57.7	33.2	29.0
West Virginia.....	7.7	52.4	67.2	-----	47.6	32.8	92.3	-----	-----
Wisconsin.....	16.2	18.7	22.1	8.6	9.6	4.1	75.2	71.7	73.8
Wyoming.....	1.3	5.9	14.1	25.7	27.6	15.3	73.0	66.5	70.6
District of Columbia.....	<sup>2</sup> 22.9	<sup>2</sup> 14.6	<sup>2</sup> 14.4	-----	-----	-----	77.1	85.4	85.6

<sup>1</sup> Less than 0.05 percent.

<sup>2</sup> Federal funds.



**Table XII.—Source of revenue receipts of State school systems (elementary and secondary education), and comparison of revenue receipts, 1945-46 and 1947-48**

Source	Receipts (thousands of dollars)		Percent increase
	1945-46	1947-48	
1	2	3	4
<b>Total</b> .....	<b>3,059,845</b>	<b>4,311,534</b>	<b>41</b>
Leases of school lands and permanent funds.....	27,326	40,405	48
Taxation and appropriation.....	2,918,953	4,004,695	37
All other sources.....	113,566	266,434	135

indicate a 40 percent increase for the past 2 years and a 95 percent increase in the 8 years since 1939-40. Considerable increase has taken place in all items, but expenditures for instruction and auxiliary services have increased most. The newly expanded school lunch program has greatly increased expenditure for auxiliary services.

**Table XIII.—Expenditures of State school systems (elementary and secondary education), excluding debt retirement, by purpose, for specified years**

[Thousands]

Purpose	1929-30	1939-40	1941-42	1943-44	1945-46	1947-48
1	2	3	4	5	6	7
<b>Total current expenditure</b> <sup>1</sup> .....	<b>\$1,843,552</b>	<b>\$1,941,799</b>	<b>\$2,067,660</b>	<b>\$2,293,337</b>	<b>\$2,707,441</b>	<b>\$3,794,702</b>
Administration or general control.....	78,680	91,571	101,463	110,631	132,899	169,999
Instruction.....	1,317,727	1,403,285	1,457,877	1,590,634	1,853,911	2,571,539
Operation.....	216,072	194,365	209,788	238,774	270,280	356,628
Maintenance.....	78,810	73,321	78,862	77,324	101,254	169,536
Auxiliary services.....	101,993	129,141	138,951	169,523	213,617	336,688
Fixed charges.....	50,270	50,116	80,719	106,452	135,480	190,311
Capital outlay.....	370,878	257,974	137,552	53,856	111,046	412,467
Interest.....	92,536	130,909	108,781	96,805	76,923	76,331
Summer and part-time adult schools.....	9,825	13,367	8,704	8,583	11,477	27,676

<sup>1</sup> Current expenditure for day schools includes only: administration or general control, instruction, operation, maintenance, auxiliary services, and fixed charges.

### **Annual Current Expenditure Per Pupil in Average Daily Attendance**

The annual expenditure per pupil in average daily attendance varies greatly among the States (fig. 5, table XIV and table 31). The amounts for the five highest States in 1947-48 were New York, \$256.90; New Jersey, \$250.59; Washington, \$237.05; Nevada, \$230.74; and Illinois, \$223.19; and for the five lowest were Tennessee, \$107.62; Alabama, \$106.28; Georgia, \$103.85; Arkansas, \$92.73; and Mississippi, \$71.42. Although the differences are still great, the tendency is for the differences to decrease. This is especially noticeable for

the low-expenditure States. These per-pupil expenditure data are calculated by dividing total current expenditure for public elementary and secondary full-time day schools (excluding community services) by the average daily attendance in each State.

*Table XIV.—Current expenditure (excluding interest) per pupil in average daily attendance in full-time public elementary and secondary day schools, by State, for specified years*

State	1929-30	1933-34	1937-38	1939-40	1941-42	1942-43	1943-44	1944-45	1945-46	1947-48
1	2	3	4	5	6	7	8	9	10	11
<b>Continental United States.</b>	<b>\$86.70</b>	<b>\$67.48</b>	<b>\$83.87</b>	<b>\$88.09</b>	<b>\$98.31</b>	<b>\$104.85</b>	<b>\$116.99</b>	<b>\$125.41</b>	<b>\$136.41</b>	<b>\$179.43</b>
Alabama.....	37.28	30.09	34.27	36.16	39.75	48.01	54.17	56.93	68.57	106.28
Arizona.....	109.12	77.11	94.16	96.26	104.66	108.22	120.10	127.55	136.93	203.62
Arkansas.....	33.56	22.60	31.62	31.35	38.59	43.49	52.36	60.26	64.76	92.93
California.....	133.30	109.83	131.43	141.93	166.92	154.60	164.79	163.38	169.21	212.38
Colorado.....	110.76	78.30	87.41	92.04	102.38	108.91	125.44	129.47	136.12	188.18
Connecticut.....	102.58	82.12	104.47	109.18	124.88	140.93	151.09	159.50	174.39	217.44
Delaware.....	95.12	92.85	104.64	108.52	113.80	122.81	131.54	133.05	152.48	204.19
Florida.....	50.61	40.73	59.91	58.35	68.08	74.06	82.76	94.55	103.31	160.50
Georgia.....	31.89	28.34	37.71	42.16	44.57	52.60	55.70	64.92	64.60	103.85
Idaho.....	86.86	57.09	75.00	78.05	86.72	86.72	102.12	112.34	116.55	162.89
Illinois.....	102.56	78.18	103.77	115.19	128.99	138.98	158.02	169.32	175.11	223.19
Indiana.....	91.66	60.20	77.01	86.13	95.97	91.17	111.27	131.29	144.53	217.35
Iowa.....	96.10	65.44	81.15	86.47	95.40	95.40	116.08	124.83	143.88	188.98
Kansas.....	92.81	60.19	72.84	82.61	86.27	96.10	114.58	130.85	141.25	190.86
Kentucky.....	46.23	33.37	44.49	46.78	51.38	58.52	75.28	80.94	86.33	112.15
Louisiana.....	48.19	36.07	54.09	56.58	65.93	74.10	90.57	95.31	101.36	144.91
Maine.....	69.89	52.09	60.36	63.50	69.72	86.94	83.17	97.75	106.39	133.04
Maryland.....	80.15	68.64	78.93	83.81	89.92	93.70	110.51	113.98	129.19	192.80
Massachusetts.....	109.57	95.69	109.81	114.52	130.73	145.96	161.00	166.67	179.85	213.98
Michigan.....	114.76	67.68	89.31	92.38	101.91	112.01	124.21	127.73	147.33	198.47
Minnesota.....	101.29	75.15	91.92	100.38	108.26	120.37	134.29	144.29	157.96	213.06
Mississippi.....	36.13	23.55	28.19	30.72	31.52	34.60	42.25	44.80	46.32	71.42
Missouri.....	70.28	60.27	70.68	80.36	86.79	94.29	100.58	113.07	137.36	164.08
Montana.....	109.73	79.24	104.12	109.07	125.59	139.37	159.11	163.42	215.44	246.80
Nebraska.....	93.08	57.48	70.67	74.41	85.12	98.64	112.01	127.28	142.48	180.97
Nevada.....	136.18	117.90	133.89	131.35	134.37	134.37	149.30	155.88	162.32	230.74
New Hampshire.....	92.77	79.67	92.13	91.31	100.70	110.03	119.66	131.48	135.01	187.15
New Jersey.....	124.90	102.53	125.53	136.42	158.08	173.18	185.07	198.33	211.82	250.59
New Mexico.....	77.21	60.18	71.30	76.36	83.43	92.20	113.52	119.98	134.60	186.49
New York.....	137.55	124.13	147.65	156.86	168.07	178.56	185.12	194.47	209.76	256.90
North Carolina.....	42.85	24.18	39.59	40.86	45.11	-----	65.16	68.91	81.43	108.74
North Dakota.....	99.55	67.32	74.85	68.87	79.65	95.79	118.88	132.55	138.02	182.07
Ohio.....	95.69	72.51	86.23	96.37	106.13	113.65	124.86	138.25	147.03	191.61
Oklahoma.....	65.48	43.70	63.25	63.03	72.83	74.85	88.71	96.61	111.86	144.49
Oregon.....	103.31	68.90	87.88	97.42	106.97	112.42	132.96	144.56	157.88	217.38
Pennsylvania.....	87.81	75.04	92.82	92.45	106.90	113.31	131.14	137.00	144.80	184.42
Rhode Island.....	95.74	86.97	98.49	105.17	122.99	137.66	148.87	148.96	160.84	220.69
South Carolina.....	39.98	27.14	36.52	39.68	45.51	49.37	58.22	65.17	74.31	112.39
South Dakota.....	95.36	62.29	90.90	85.50	96.33	113.50	130.82	144.62	153.93	193.65
Tennessee.....	42.66	34.62	41.61	44.29	50.44	54.81	62.21	69.70	76.16	107.62
Texas.....	54.57	46.63	65.42	65.87	78.24	84.80	88.15	102.46	118.12	164.70
Utah.....	75.08	58.71	74.86	78.47	84.76	89.63	111.87	120.24	129.30	179.40
Vermont.....	84.24	59.76	77.70	85.08	93.84	102.57	111.97	117.90	122.89	166.99
Virginia.....	44.25	37.51	42.31	47.91	55.83	64.37	75.30	83.49	92.29	124.79
Washington.....	100.45	69.16	103.83	105.31	127.70	134.03	146.57	159.78	183.33	237.05
West Virginia.....	72.16	48.54	60.55	63.71	72.63	77.61	93.06	93.18	101.30	141.82
Wisconsin.....	94.17	71.99	90.39	91.07	109.69	114.48	127.31	140.41	147.73	191.47
Wyoming.....	128.59	88.70	105.91	108.51	120.29	138.31	150.17	164.84	171.38	195.44
District of Columbia.....	132.39	107.30	123.05	131.74	137.48	156.62	161.73	161.02	172.22	218.94



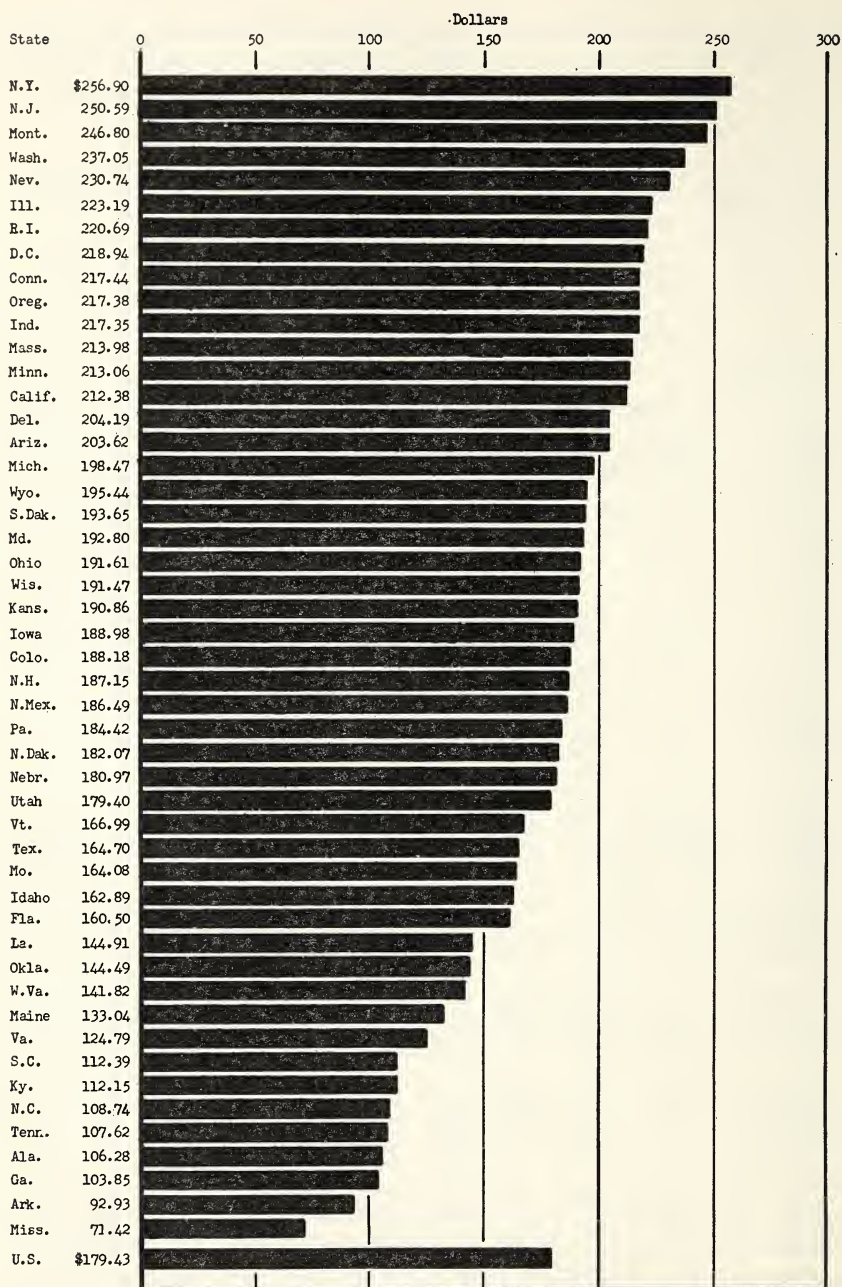


Figure 5.—Current expenditure per pupil in average daily attendance in full-time public elementary and secondary day schools (exclusive of community services), by State, 1947-48

*Expenditures for Transportation of Pupils*

This item has increased from \$130,000,000 in 1945-46 to \$176,000,000 in 1947-48, or 35 percent. All States reported total expenditures for transportation of pupils, but only 24 States were able to distribute the expenditure among salaries, supplies and expenses, and contract services. These data are given separately in table XV for the use of persons especially interested in transportation expenditures. The transportation at public expense of 5,854,000 pupils, or nearly one-fourth of all pupils enrolled (table 18), costs about \$30

*Table XV.—Expenditure for transportation of pupils, excluding purchase of busses, for 24 States, 1947-48*

State	Total	Salaries	Supplies and expense	Contract service
1	2	3	4	5
<b>Total, 24 States</b> .....	<b>\$66, 774, 254</b>	<b>\$29, 795, 473</b>	<b>\$20, 267, 892</b>	<b>\$16, 710, 889</b>
Arizona.....	801, 928	264, 631	391, 706	145, 591
Arkansas.....	2, 862, 954	952, 776	1, 278, 963	631, 215
Colorado.....	1, 590, 620	373, 523	541, 972	675, 125
Connecticut.....	1, 834, 753	1, 186, 983	594, 051	53, 719
Delaware.....	349, 215	.....	31, 326	317, 889
Florida.....	2, 817, 668	1, 117, 052	1, 053, 897	646, 719
Georgia.....	5, 335, 600	4, 097, 255	1, 078, 336	160, 009
Idaho.....	1, 346, 040	829, 294	516, 746	.....
Maryland.....	2, 338, 770	162, 376	160, 899	2, 015, 495
Nevada.....	201, 169	59, 835	55, 477	85, 857
New Hampshire.....	890, 313	30, 000	7, 600	852, 713
New Jersey.....	3, 592, 507	246, 909	135, 905	3, 209, 693
North Dakota.....	992, 909	.....	.....	992, 909
Ohio.....	9, 200, 352	6, 955, 439	2, 244, 913	.....
Oregon.....	2, 724, 038	1, 875, 164	848, 874	.....
South Carolina.....	2, 644, 029	702, 018	1, 112, 274	829, 737
South Dakota.....	719, 104	.....	.....	719, 104
Tennessee.....	3, 750, 849	1, 166, 710	966, 496	1, 617, 643
Texas <sup>1</sup> .....	7, 133, 821	3, 893, 041	3, 240, 780	.....
Utah.....	1, 027, 700	413, 520	488, 293	125, 887
Virginia.....	4, 524, 631	1, 011, 622	2, 075, 626	1, 437, 383
Washington.....	3, 587, 607	1, 663, 265	1, 629, 042	295, 300
West Virginia.....	2, 957, 390	1, 816, 988	1, 017, 942	122, 460
Wisconsin.....	3, 550, 287	977, 072	796, 774	1, 776, 441

<sup>1</sup> Statistics, 1946-47.

per pupil transported, for the Nation as a whole. We may expect more pupils to be transported in the future, not only because of the prospective increase in enrollments, but also because of the continuing trend toward consolidation of small districts into larger units. In 1947-48 there were only 75,000 1-teacher schools as compared with 149,000 in 1929-30 (table IX and table 17).

*Capital Outlay*

During 1943-44 when the war was in progress, the expenditure for capital outlay reached a low of \$53,856,000. It increased to \$111,046,000 in 1945-46, and to \$412,467,000 in 1947-48 (table 29). As

after World War I, we may expect a considerable increase in expenditure for plant expansion in the immediate future, to supply construction not carried out during the war and to care for mounting enrollment due to a greatly increased birthrate.

### *Interest*

Interest payments amounted to \$76,000,000 in 1947-48, which is less than in the last few years for the reason that during the war period there was little construction and old bonds were retired more rapidly than new ones were issued. With the great expansion of buildings we may expect a large increase in interest payments. The expenditure for interest, per pupil in average daily attendance, is given in table XVI.

### *School Property*

The questionnaire sent out by the Office of Education asks for the original cost of property plus the cost of all additions and alterations. On the basis of reports received and an estimate for California, the total investment in public-school property (plant) amounts to \$9,200,000,000, or \$385 per pupil enrolled (table 32); this is \$1,000,000,000 more than was reported in 1945-46. In addition to school plant, the school systems have \$700,000,000 of permanent funds, the interest on which must be used for school purposes (table 33), and 30,000,000 acres of school land which have not yet been sold and some of which is being leased to provide more than \$10,000,000 income for school purposes (table 21).

### *School Indebtedness*

School indebtedness amounted to \$3,122,000,000 in 1931-32, but decreased to \$2,097,000,000 in 1945-46. This amount increased to \$2,607,000,000 in 1947-48 (table 34) due to renewed building activities. A few States could not give information on indebtedness; in such cases the amounts reported by cities were used. Indebtedness per pupil in average daily attendance varies greatly among the States. States that spend most for education, such as California, New York, and New Jersey have an indebtedness of more than \$200 per pupil in average daily attendance; while States spending less, such as Alabama, Georgia, Kentucky, and South Carolina have an indebtedness of less than \$40 (table XVI).

School indebtedness consists of bonds, short-term loans, and unpaid bills of the previous years. In a limited number of places, all debts are handled by the city rather than by a separate school administrative unit. In such cases, it is sometimes difficult to get satisfactory information. At least five States could not give complete information.

*Table XVI.—School debt and interest payments per pupil in average daily attendance in full-time public elementary and secondary day schools, by State, for specified years*

State	School indebtedness					Interest payments				
	1935-36	1939-40	1943-44	1945-46	1947-48	1935-36	1939-40	1943-44	1945-46	1947-48
1	2	3	4	5	6	7	8	9	10	11
<b>Continental United States..</b>	<b>\$136.47</b>	<b>\$128.65</b>	<b>\$121.08</b>	<b>\$105.36</b>	<b>\$124.66</b>	<b>\$5.96</b>	<b>\$5.94</b>	<b>\$4.94</b>	<b>\$3.88</b>	<b>\$3.65</b>
Alabama.....	39.03	39.62	18.65	22.22	25.12	1.64	.87	.76	.61	.54
Arizona.....	134.37	106.09	74.32	57.28	150.81	7.74	5.77	3.42	2.18	3.34
Arkansas.....	67.02	63.42	65.16	59.68	87.04	2.60	2.83	2.41	2.10	1.97
California.....	199.68	172.71	136.12	149.55	207.67	9.53	8.22	6.36	4.53	5.01
Colorado.....	144.11	120.97	98.49	77.12	93.61	7.33	5.34	4.42	3.06	3.11
Connecticut.....	172.44	137.25	118.34	115.67	112.56	7.75	5.36	4.53	3.79	3.28
Delaware.....	50.53	58.87	64.21	58.66	91.20	1.60	1.58	1.26	1.99	2.05
Florida.....	184.47	155.56	145.33	119.98	134.47	9.14	7.32	6.74	5.77	4.92
Georgia.....	34.96	18.80	41.78	33.40	38.70	2.17	.96	.25	3.50	.70
Idaho.....	84.81	81.78	71.68	68.26	67.03	4.57	3.60	2.45	1.66	1.93
Illinois.....	170.26	157.49	187.42	124.96	197.90	8.59	5.91	5.33	3.91	4.28
Indiana.....	76.43	70.06	50.47	46.34	40.22	3.51	3.05	1.99	2.12	2.14
Iowa.....	101.85	96.77	75.23	64.29	72.09	5.67	3.86	2.75	1.98	1.57
Kansas.....	78.48	78.85	50.45	33.15	77.83	6.90	5.24	5.66	2.11	1.28
Kentucky.....	38.29	36.07	31.62	29.02	34.21	1.40	2.12	1.34	.94	.92
Louisiana.....	70.13	73.15	70.05	97.87	116.87	4.54	4.09	3.30	3.02	3.46
Maine.....	36.98	34.98	32.40	31.57	23.03	1.44	1.29	1.09	1.00	.50
Maryland.....	165.58	154.13	131.56	216.42	232.81	7.33	6.48	5.54	4.82	4.62
Massachusetts.....	70.40	64.34	37.97	17.09	14.92	2.75	2.14	1.26	.54	.24
Michigan.....	201.63	140.91	135.27	104.85	101.86	6.50	8.29	5.70	2.88	5.39
Minnesota.....	133.17	128.54	121.90	117.07	121.75	5.96	3.82	1.38	1.29	1.41
Mississippi.....	18.99	30.68	32.69	7.69	6.64	1.33	.52	.10	.32	.11
Missouri.....	89.85	85.40	68.34	64.09	66.06	4.03	3.44	2.62	2.03	1.71
Montana.....	79.51	77.63	51.68	65.11	85.78	2.56	1.82	.76	2.98	.96
Nebraska.....	115.39	110.22	105.79	84.57	90.48	5.14	2.70	2.87	2.49	2.65
Nevada.....	114.14	107.43	70.77	148.18	230.32	4.66	5.10	2.74	2.01	4.66
New Hampshire.....	73.40	65.80	46.98	36.39	43.83	2.94	2.30	1.58	1.10	.83
New Jersey.....	294.26	267.27	251.17	221.60	210.81	13.27	12.12	11.48	9.98	8.28
New Mexico.....	61.19	53.60	46.16	79.33	137.99	2.88	3.23	2.36	1.44	2.12
New York.....	303.89	335.67	326.58	311.81	291.89	12.76	13.04	13.37	12.36	10.76
North Carolina.....	118.50	76.92	66.57	58.49	61.41	4.51	3.53	2.97	2.48	2.04
North Dakota.....	105.56	83.62	42.25	36.00	43.01	5.64	5.82	4.32	2.42	1.46
Ohio.....	173.22	147.34	109.99	107.32	168.71	8.79	7.46	5.12	4.02	4.42
Oklahoma.....	111.50	107.34	125.39	58.75	89.85	4.90	4.86	2.30	1.36	1.74
Oregon.....	120.13	89.94	47.92	42.60	66.66	6.20	4.43	2.71	2.57	2.57
Pennsylvania.....	157.98	169.43	160.66	143.47	141.27	4.59	13.60	12.55	5.40	4.61
Rhode Island.....	270.01	291.33	329.84	300.32	147.30	11.14	11.36	12.16	11.74	9.96
South Carolina.....	48.88	47.16	29.06	21.21	32.75	2.69	2.97	2.32	2.74	1.09
South Dakota.....	107.98	91.12	62.71	62.37	60.80	4.65	5.21	2.79	2.36	2.34
Tennessee.....	62.97	60.35	62.13	60.82	69.05	3.09	1.32	.54	.55	.53
Texas.....	26.16	145.27	237.32	140.56	227.69	4.85	4.96	5.75	5.61	6.63
Utah.....	96.55	83.44	66.83	81.78	102.04	3.96	3.27	2.45	2.24	2.17
Vermont.....	44.76	52.40	57.60	27.26	57.05	2.03	1.12	.91	.93	.68
Virginia.....	62.23	61.74	61.11	59.17	56.68	2.74	2.47	1.17	.80	.74
Washington.....	94.23	74.93	39.35	54.07	126.47	4.62	3.25	1.99	1.84	2.21
West Virginia.....	30.64	32.24	27.77	26.77	29.04	1.65	1.54	1.06	2.87	.93
Wisconsin.....	68.43	47.82	32.97	31.01	29.71	2.91	2.75	.66	1.86	.61
Wyoming.....	129.28	122.95	117.72	83.56	146.30	4.87	1.48	.54	4.51	3.79

### Retirement Funds

All States provide some form of pension or retirement for the professional staff, and in many cases for all school employees. Many States and cities also provide for all their employees, both school and nonschool. An effort has been made to separate the retirement expend-



itures for educational employees from those for other governmental employees, where they are covered in one retirement system. Tables XVII and 35 give as nearly complete figures for continental United States as the available data permit. The balance of approximately \$2,000,000,000 is nearly \$400,000,000 greater than it was 2 years ago.

### *Education a "Big Business"*

Public elementary and secondary education in the continental United States is "big business" (table XVIII). At the end of the school year 1947-48, there was a cash balance of about \$1,000,000,000, sinking funds of about \$170,000,000, and school property, funds, and lands of more than \$10,350,000,000. Against these assets there were debts of more than \$2,600,000,000. Receipts for the year amounted to more than \$4,850,000,000. The difference between receipts and payments (\$250,000,000) represents mainly money raised by the sale of bonds to meet current or projected construction.

*Table XVII.—Statement of retirement funds for staff of public elementary and secondary schools, as of July 1, 1948*

Balance on hand at beginning of the year (cash and investments) usually July 1, 1947-----		\$1, 764, 571, 000
Amount added during the year:		
State-----	\$98, 161, 000	
Local units-----	59, 091, 000	
Participants-----	122, 818, 000	
Earnings and other receipts-----	58, 075, 000	
		<hr/> 338, 145, 000
Total balances, earnings, and receipts-----		2, 102, 716, 000
Payments:		
Losses, retirements and expense of operation-----		125, 792, 000
		<hr/> 1, 976, 924, 000

*Table XVIII.—Resources and receipts, liabilities and disbursements, and net physical assets of State school systems (elementary and secondary education), for the school year ending June 30, 1948*

Resources and receipts-----		\$16, 294, 725, 845
Balance on hand July 1, 1947-----	\$915, 569, 752	
Total amount in debt and sinking funds-----	168, 715, 560	
Value of school property, permanent funds, and school lands-----	10, 352, 786, 036	
Total revenue and nonrevenue receipts-----	4, 857, 654, 497	



**Table XVIII.—Resources and receipts, liabilities and disbursements, and net physical assets of State school systems (elementary and secondary education), for the school year ending June 30, 1948—Continued**

Liabilities and disbursements.....		\$7, 122, 838, 035
School bonds outstanding.....	\$2, 474, 362, 818	
Other forms of school indebtedness...	132, 203, 463	
Total current expense, <sup>1</sup> outlays, interest, and adult and summer schools...	4, 311, 176, 011	
Payment of bonds <sup>2</sup> and other debt...	205, 095, 743	
Net physical assets.....		9, 171, 887, 810

<sup>1</sup> Includes administration or general control, instruction, operation and maintenance of plant, auxiliary services, and fixed charges.

<sup>2</sup> Amount of bonds outstanding equalled \$2,474,000,000.

## **Public Elementary and Secondary Schools for Negroes**

Since separate schools for white and for Negro pupils are maintained by 17 States<sup>8</sup> and the District of Columbia, separate reports on schools for Negroes are made to the Office of Education. These data, reported in tables 36 to 48, are also incorporated in all tables reporting statistics for public elementary and secondary schools. Many of the data requested on schools for Negroes are not available from the present State record systems. There is a tendency to keep only one set of financial accounts for the two races.

### **Enrollments**

Total enrollments in public Negro elementary and secondary schools continued to increase to 1939-40 (table 36). Falling birthrates and war conditions brought decreases from 1940-41 to 1945-46, when the lowest enrollments were recorded. Rising birthrates have caused increases of elementary age pupils, and there has been an increasing tendency for a greater number of high-school age youth to attend high school. The biennium ending July 1, 1948, showed an increase of 13,000 in elementary and 17,000 in secondary enrollments in Negro public schools. During the same period the percentage of the total enrollment that was in high school increased from 12 to 13 percent.

### **Attendance and School Term**

In 1945-46 the average daily attendance was 1,853,000, or 81.8 percent of all pupils enrolled and for 1947-48, 1,922,000, or 83.4 percent of all pupils enrolled (table 44). The percentage of attendance has increased each succeeding biennium since 1870-71 when statistics were first collected by this Office. The length of school term has in-

<sup>8</sup> Some *de facto* segregated schools for Negroes also exist in a few additional States where segregation of Negro school children is not uniformly or systematically practiced. No attempt is made in this report to present separate statistics for such schools.

creased 2 days in the past 2 years. The number of days attended by each pupil enrolled increased from 97 days in 1929-30 to 143 days in 1947-48.

### *Teachers and Other Instructional Staff*

Although enrollments have decreased, the number of teachers in Negro public schools has increased. In 1931-32, with a greater enrollment than in any other biennium since that time, there were 54,242 teachers, as compared with 70,150 in 1947-48 (table 37). The pupil-teacher ratio in Negro schools has been approaching more nearly that of white schools. In 1947-48 the pupil-teacher load in white schools was 29 and in Negro schools it was 34. Negro teachers' salaries have increased. Fourteen States gave information from which salaries could be calculated (table 45). In eight States the average salary of Negro teachers was considerably less than the average for white teachers; in three States, about the same; and in three States, higher (the higher salaries are explained by the greater concentration of Negro teachers in the urban communities of these States).

### *Finances*

It is difficult to get financial information on Negro schools as financial records are often integrated with those for the white schools (tables 46-48). When the information obtainable is compared with previous years the increases are great. Table XIX shows the total expenditures for Negro schools for three periods; these totals must, of course, be interpreted with due regard to the increase in enrollments (table 36) and the decreased purchasing power of the dollar.

*Table XIX.—Total expenditures in Negro elementary and secondary public schools in 8 Southern States for 1941-42, 1945-46, and 1947-48*

State	1941-42	1945-46	1947-48
1	2	3	4
Alabama.....	\$3,491,000	\$7,536,000	\$15,805,000
Arkansas.....	1,709,000	2,839,000	5,697,000
Georgia.....	3,894,000	6,480,000	12,427,000
Florida.....	3,049,000	6,096,000	12,219,000
Maryland.....	3,835,000	6,672,000	11,867,000
Mississippi.....	2,761,000	.....	5,284,000
North Carolina.....	7,799,000	15,440,000	23,201,000
South Carolina.....	3,440,000	6,312,000	12,071,000

## *Nonpublic Elementary and Secondary Education*

Tables 49 and 50 give the number of teachers and pupils in nonpublic (private and parochial) elementary and secondary schools. Table 51 gives the number of schools, teachers, and pupils in Roman Catholic schools only. The rate of increase of teachers and pupils in nonpublic schools has been greater than in the public schools. Table XX shows the number of nonpublic-school teachers and pupils for several periods. Nonpublic secondary schools graduated 116,731 pupils in 1947-48. Approximately \$2,000,000 of the Federal Government appropriation for school lunches was allocated to nonpublic schools. No data are available for the transportation of pupils to nonpublic schools.

**Table XX.—Teachers and enrollments in nonpublic (private and parochial) schools, for specified years**

Year <sup>1</sup>	Teachers			Pupils		
	Total	Elementary	Secondary	Total	Elementary	Secondary
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
1931-32.....	91,323	66,270	25,053	2,723,666	2,320,251	403,415
1933-34.....	72,192	51,475	20,717	2,691,033	2,330,941	360,092
1935-36.....	91,493	66,254	25,239	2,638,775	2,251,466	387,309
1937-38.....	95,103	67,139	27,964	2,687,483	2,240,650	446,833
1939-40.....	94,977	61,800	30,130	2,611,047	2,153,279	457,768
1941-42.....	97,191	65,512	31,679	2,616,529	2,133,334	483,195
1945-46.....	100,865	64,495	36,370	2,824,500	2,259,392	565,108
1947-48.....	108,998	67,430	41,568	3,053,914	2,451,430	602,484

<sup>1</sup> Statistics not available for 1943-44.

Table 1.—Statistical summary of public elementary and secondary schools, 1870-1948

Item	1869-70	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1945-46	1947-48
	2	3	4	5	6	7	8	9	10	11
<b>I. GENERAL STATISTICS</b>										
Total population 1.....	38,558,371	50,155,783	62,622,250	75,602,515	91,972,266	105,710,620	122,775,046	131,891,632	139,893,406	146,113,000
Children 5-17 years of age (inclusive) 1	12,055,443	15,085,767	18,543,201	21,404,322	24,239,948	27,728,788	31,571,322	29,805,259	28,943,947	30,171,000
Pupils enrolled (excluding duplicates).....	9,871,522	9,867,395	12,722,631	15,593,110	17,813,862	21,578,316	25,678,015	25,433,542	23,299,941	23,944,532
Pupils enrolled in public high schools.....	2,820,227	3,110,277	3,202,963	3,519,251	3,915,061	2,200,389	4,399,422	6,601,444	5,622,197	5,653,365
Average daily attendance.....	4,077,347	6,144,143	8,153,635	10,632,772	12,827,307	16,150,035	21,264,886	22,042,151	19,848,507	20,909,739
Total number of days attended by all pupils.....	539,053,423	800,719,970	1,098,232,725	1,534,822,633	2,011,477,065	2,615,161,151	3,672,765,005	3,858,012,335	3,508,623,803	3,713,333,244
Men teachers.....	77,529	122,795	125,525	126,588	110,481	95,654	141,771	194,725	138,209	161,913
Women teachers.....	122,986	163,798	238,397	296,474	412,729	583,648	712,492	680,752	692,817	698,765
<b>Total teachers.....</b>	<b>200,515</b>	<b>286,593</b>	<b>363,922</b>	<b>423,062</b>	<b>523,210</b>	<b>679,303</b>	<b>854,263</b>	<b>875,477</b>	<b>831,026</b>	<b>860,678</b>
Number of schoolhouses.....	116,312	178,122	224,526	248,279	265,474	271,319	247,289	226,762	209,309	209,309
Value of all school property.....	\$130,383,008	\$209,571,718	\$342,531,791	\$550,069,217	\$1,091,007,512	\$2,409,719,120	\$6,211,327,040	\$7,635,112,546	\$8,190,808,063	\$9,212,745,668
<b>II. FINANCIAL STATISTICS</b>										
Revenue receipts:										
From income of permanent funds and lands.....			\$7,744,765	\$9,152,274	\$14,096,555	\$26,036,098	\$27,516,517	\$23,104,283	\$27,326,212	\$40,404,599
From county and local taxes and appropriations.....			97,222,426	149,486,845	312,221,582	758,896,551	1,645,687,651	1,490,424,784	1,881,912,979	2,359,359,061
From State taxes and appropriations.....			26,345,323	37,886,740	64,604,701	134,278,753	329,312,434	658,983,264	1,037,039,529	1,645,336,379
From all other sources.....			11,882,292	23,240,130	42,140,859	50,908,896	86,040,235	88,014,704	113,565,912	266,434,334
<b>Total.....</b>			<b>143,194,806</b>	<b>219,765,989</b>	<b>433,063,697</b>	<b>970,120,298</b>	<b>2,088,556,837</b>	<b>2,260,237,045</b>	<b>3,059,844,632</b>	<b>4,311,534,373</b>
Expenditures:										
For sites, buildings, furniture, libraries, and apparatus.....			26,207,041	35,450,820	69,978,370	153,542,852	370,877,969	257,973,601	111,046,088	412,467,237
For salaries of principals and supervisors, principals and teachers.....	\$37,832,566	\$55,942,972	91,836,484	137,687,746	253,915,170	613,404,578	1,295,201,424	1,369,510,172	1,843,647,308	2,480,582,631
For all other purposes.....			22,463,190	41,826,052	102,356,894	269,263,779	650,710,991	716,565,154	952,192,975	1,418,126,143
<b>Total.....</b>	<b>63,396,666</b>	<b>78,094,687</b>	<b>140,506,715</b>	<b>214,964,618</b>	<b>426,250,494</b>	<b>1,036,151,209</b>	<b>2,316,790,384</b>	<b>2,344,048,927</b>	<b>2,906,886,441</b>	<b>4,311,176,011</b>

## III. DERIVATIVE STATISTICS

Percent school population is of total population.....	31.3	30.1	29.6	28.3	26.4	25.7	22.6	20.7	20.6
Percent of total population enrolled.....	17.82	19.67	20.32	20.51	19.37	20.9	19.3	16.7	16.4
Percent of children 5-17 years of age (inclusive) enrolled.....	57.00	65.50	68.61	72.43	73.49	81.3	85.3	80.5	79.4
Percent secondary enrollment is of total enrollment.....	1.2	1.1	1.6	3.3	5.1	17.1	26.0	24.1	23.6
Percent of children enrolled attending each day.....	59.3	62.3	64.1	68.6	72.1	82.8	86.7	85.2	87.3
Average number of days schools were in session.....	132.2	130.3	134.7	144.3	157.5	172.7	175.0	176.8	177.6
Average number of days attended by each pupil enrolled.....	78.4	81.1	86.3	99.0	113.0	143.0	151.7	150.6	155.1
Average number of days of age (inclusive) of child 5-17 years of age (inclusive).....	44.7	53.1	59.2	71.8	83.0	116.3	129.4	121.2	123.1
Percent of men teachers.....	38.7	42.8	34.5	29.9	21.1	16.6	22.2	16.6	18.8
Average annual salaries of all teachers <sup>6</sup> .....	\$189	\$195	\$252	\$325	\$485	\$871	\$1,441	\$1,995	\$2,639
Percent of revenue derived from—									
Permanent funds and lands.....			5.4	4.2	3.2	2.7	1.0	0.9	0.9
State taxes.....			18.4	17.2	14.9	13.8	20.2	33.9	38.2
County and local taxes.....			67.0	68.0	72.1	78.2	63.9	61.5	54.7
All other sources.....			8.3	10.6	9.8	5.3	3.9	3.7	6.2
Percent of expenditures devoted to—									
Sites, buildings, etc.....			18.6	16.5	16.4	14.8	11.0	3.8	9.6
Salaries.....			63.4	64.0	59.6	59.2	58.4	63.4	57.5
All other purposes.....			16.0	19.5	24.0	26.0	30.6	32.8	32.9
Total expenditures per capita of population.....	\$1.64	\$1.56	\$2.24	\$2.84	\$4.64	\$9.80	\$17.77	\$20.78	\$29.51
Total expenditure per pupil in average attendance <sup>7</sup> .....	\$15.55	\$12.71	\$17.23	\$20.21	\$33.23	\$64.16	\$105.74	\$144.62	\$202.81
Average total expenditure per day for each pupil attending (cents) <sup>7</sup> .....	11.8	9.7	12.8	14.0	21.1	39.6	60.4	82.5	114.2

<sup>1</sup> U. S. Bureau of the Census.

<sup>2</sup> Data for 1870-71.

<sup>3</sup> From reports of public high schools.

<sup>4</sup> Includes 231 part-time teachers in Massachusetts.

<sup>5</sup> Statistics, 1943-44.

<sup>6</sup> Computed for teaching positions only prior to 1919-20; since 1920 includes supervisors and principals.

<sup>7</sup> Beginning with 1919-20 this item excludes evening, summer, and part-time and continuation schools when reported separately. Beginning in 1945-46 expenditures for auxiliary services not chargeable to pupils are also excluded.



Table 2.—Boards of education and administrative staffs of intermediate and ultimate or basic administrative units, by State, 1947-48

STATE, BY REGION	BOARDS OF EDUCATION						ADMINISTRATIVE STAFFS									
	State boards or commissions of education, including vocational education			Members of intermediate boards of education			Ultimate or basic units			Intermediate units			Ultimate or basic units			
	Total	Members	Professional staff	Clerical assistants <sup>1</sup>	Clerical assistants	Members of boards of education	Local school trustees	Total	Superintendents and professional staffs	Clerical assistants	Total	Superintendents and professional staffs	Attendance personnel	Clerical assistants		
									Full-time	Part-time		Full-time	Part-time	Full-time	Part-time	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>
<b>Continental United States</b> .....	<b>856</b>	<b>395</b>	<b>239</b>	<b>231</b>	<b>7,343</b>	<b>320,189</b>	<b>18,073</b>	<b>6,545</b>	<b>5,006</b>	<b>1,379</b>	<b>160</b>	<b>37,769</b>	<b>18,473</b>	<b>6,165</b>	<b>12,044</b>	<b>1,087</b>
NEW ENGLAND.....	60	44	12	4	736	6,163		92	53	24	15	2,107	620	828	530	129
Maine.....	16	2 <sup>5</sup>	8	3	736	1,455		92	53	24	15	596	117	400	75	4
New Hampshire.....	8	8				825						248	12	213	21	2
Vermont.....	7	7				846						250	57	76	25	98
Massachusetts.....	10	10				1,574						207	207			
Rhode Island.....	10	5	4	1		205						224	54	64	81	25
Connecticut.....	9	9				1,258						576	173	375	328	
MIDDLE ATLANTIC.....	37	35		2	330	22,324	4,723	532	413	99	20	7,396	2,063	3,355	1,814	164
New York.....	14	13		1		4,769	4,723	176	176			1,777	221	1,556		
New Jersey.....	12	12				4,217		123	84	36	3	2,140	874	600	613	53
Pennsylvania.....	11	10		1	330	13,338		233	153	63	17	3,479	968	1,199	1,201	111
EAST NORTH CENTRAL.....	157	39	60	58	1,815	74,344	6,177	1,404	956	418	30	9,659	4,757	527	4,096	279
Ohio.....	5	2 <sup>5</sup>			440	7,895		263	147	110	6	927	337	160	375	55
Indiana.....	6	6			1,105	600	1,013	322	256	66	224	589	224	52	313	
Illinois.....	61	210	27	24		29,582	5,164	289	204	85	85	6,757	2,810	315	3,408	224
Michigan.....	48	7	19	22	270	17,692		285	176	85	24	631	631			
Wisconsin.....	37	11	14	12		18,575		245	173	72		755	755			
WEST NORTH CENTRAL.....	99	49	33	17	1,644	129,245		1,080	764	288	28	3,179	3,001		178	
Minnesota.....	5	5				24,160		190	116	74		414	414			
Iowa.....	24	23	10	11	495	20,394		202	154	48		1,047	869		178	
Missouri.....	25	8	13	5	684	27,631		241	127	114		663	663			
North Dakota.....	7	7				7,141		104	64	40		158	158			
South Dakota.....	10	27				10,927		141	101	12	28	287	287			
Nebraska.....	10	8 10			465	21,884		97	97			307	307			
Kansas.....	20	9	10	1		17,108		105	105			303	303			

STATE SCHOOL SYSTEMS

	113	67	19	27	144	8,400	5,351	188	142	46	4,109	1,507	753	1,842	67
<b>SOUTH ATLANTIC</b> .....															
Delaware.....	6	6				65	443				90	32	6	51	1
Maryland.....	7	7				103	1,388				359	84	103	172	
District of Columbia.....						9					162	22	26	114	
Virginia.....	7	7				695					471	159	32	235	45
West Virginia.....	26	8	10	8		275					500	208	127	151	14
North Carolina.....	15	15				908	3,319				529	183	42	304	
South Carolina.....	9	9				144				46	230	345	394	115	
Georgia.....	38	10	9	19		5,040					1,289	451	444	444	
Florida.....	5	5				335	201				424	138	23	256	7
<b>EAST SOUTH CENTRAL</b> .....															
Kentucky.....	58	38	10	10	492	17,180		238	154	84	2,981	1,447	466	998	70
Tennessee.....	9	8	1			1,239					781	262	224	229	66
Alabama.....	30	11	9	10		955					1,130	629	166	332	3
Mississippi.....	11	11				547					692	239	76	377	
	8	8			492	14,439		238	154	84	378	317		60	1
<b>WEST SOUTH CENTRAL</b> .....															
Arkansas.....	106	35	40	31	1,645	31,639		726	489	180	4,219	2,263	146	1,748	62
Louisiana.....	22	9	7	6	375	5,806		274	115	102	540	347	95	107	61
Oklahoma.....	11	11				669					362	113	71	177	1
Texas.....	9	6	1	2		8,080		122	122		705	703			
	64	9	32	23	1,270	17,084		330	252	78	2,612	1,098	30	1,464	
<b>MOUNTAIN</b> .....															
Montana.....	96	59	22	15	337	15,403	1,618	696	534	132	2,070	1,516	60	178	316
Idaho.....	15	11	1	3	126	4,674	464	733	247	106	695	352	19	24	300
Wyoming.....	3	5				3,597		64	64		276	238		38	
Colorado.....	6	6				1,212		38	32	3	95	95			
New Mexico.....	3	3				4,788		63	63		585	585			
Arizona.....	14	7	7		155	365		130	99	31	73	73			
Utah.....	34	8	14	12	56	207	1,154	48	29	12	922	69	23	17	16
Nevada.....	10	10				560					51	50		116	
	9	9													
<b>PACIFIC</b> .....															
Washington.....	130	29	34	67	200	15,491	204	1,589	1,501	88	1,989	1,299	30	660	
Oregon.....	65	12	18	35	200	2,476		114	68	46	303	303			
California.....	54	7	16	31		4,433	204	83	41	42	997	307	30	660	
	11	10		1		8,582		1,392	1,392		689	689			
<b>Outlying parts of the United States</b> .....															
Alaska.....	5	5				24	78				35	23		7	5
Hawaii.....	8	8									95	31	8	56	
Puerto Rico.....	3	3									150	70		64	16

1 Includes 2 operation and maintenance employees in Illinois, 1 in Kansas, 1 in Tennessee, and 2 in Texas.  
 2 Vocational board.  
 3 Statistics, 1945-46.  
 4 Includes 30 attendance officers.  
 5 State board and 6 vocational board.  
 6 State board and 5 vocational board.  
 7 Statistics for 1945-46 adjusted.  
 8 Statistics, 1945-44.

Table 3.—Number of ultimate or basic administrative units, by level of instruction offered, by State, 1947-48

STATE, BY REGION	TOTAL						ENTIRE COUNTY, AND COUNTY EXCEPT INDEPENDENT UNITS				OTHER ADMINISTRATIVE UNITS			
	Total	Elementary grades only	Secondary grades only	Elementary and secondary grades	Total	Elementary grades only	Secondary grades only	Elementary and secondary grades	Total	Elementary grades only	Secondary grades only	Elementary and secondary grades		
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>		
<b>Continental United States</b>	<b>94,817</b>	<b>77,501</b>	<b>1,729</b>	<b>15,557</b>	<b>990</b>	<b>16</b>	<b>49</b>	<b>925</b>	<b>93,827</b>	<b>77,455</b>	<b>1,650</b>	<b>14,662</b>		
NEW ENGLAND	1,185	463	3	719					1,185	463	3	719		
Maine	114	1		113					114	1		113		
New Hampshire	240	150		90					240	150		90		
Vermont	268	183		85					268	183		85		
Massachusetts	351	119		232					351	119		232		
Rhode Island	39	10		29					39	10		29		
Connecticut	173		3	170					173		3	170		
MIDDLE ATLANTIC	7,710	5,686	15	2,009					7,710	5,686	15	2,009		
New York	4,609	3,892	4	713					4,609	3,892	4	713		
New Jersey	561	370	11	180					561	370	11	180		
Pennsylvania	2,540	1,424		1,116					2,540	1,424		1,116		
EAST NORTH CENTRAL	23,352	19,414	735	3,203					23,352	19,414	735	3,203		
Ohio 1	1,579	522		1,057					1,579	522		1,057		
Indiana 2	1,090	378	6	706					1,090	378	6	706		
Illinois	9,459	8,724	648	87					9,459	8,724	648	87		
Michigan	5,186	4,191		995					5,186	4,191		995		
Wisconsin	6,038	5,599	81	358					6,038	5,599	81	358		
WEST NORTH CENTRAL	38,774	34,862	393	3,519	21	3	17	1	38,753	34,859	376	3,518		
Minnesota	7,518	7,069		449	1				7,517	7,069		448		
Iowa	4,711	3,847		864				1	4,711	3,847		864		
Missouri	8,326	7,649		677					8,326	7,649		677		
North Dakota	2,267	1,855		412					2,267	1,855		412		
South Dakota	3,409	3,122		281	3				3,406	3,119		281		
Nebraska	6,900	6,330	37	533	17		17		6,883	6,330	6	533		
Kansas	5,643	4,990	350	303					5,643	4,990	350	303		

SOUTH ATLANTIC.....	2, 330	1, 233	21	1, 076	504			504	1, 826	1, 233	21	572
Delaware.....	17			17					17			17
Maryland.....	24			24	23				1			1
District of Columbia.....	1			1					1			1
Virginia.....	125			125	100				25			25
West Virginia.....	55			55	55				72			72
North Carolina.....	172			172	100				1, 680		21	426
South Carolina.....	1, 680	1, 233	21	426	159				30			30
Georgia.....	189			189	67							
Florida.....	67			67								
EAST SOUTH CENTRAL.....	4, 624	3, 474		1, 150	282	3	3	279	4, 842	3, 471		871
Kentucky.....	246	5		241	120		3	117	126	2		124
Tennessee.....	150	26		124	95			95	55	26		29
Alabama.....	108	3		105	67			67	41	3		38
Mississippi.....	4, 120	3, 440		680					4, 120	3, 440		680
WEST SOUTH CENTRAL.....	7, 293	4, 541		2, 752	80			80	7, 213	4, 541		2, 672
Arkansas.....	1, 589	1, 062		527					1, 589	1, 062		527
Louisiana.....	67			67	64			64	3			3
Oklahoma.....	2, 712	1, 953		759					2, 712	1, 953		759
Texas.....	2, 925	1, 526		1, 399	16			16	2, 909	1, 526		1, 383
MOUNTAIN.....	5, 147	4, 288	181	678	96	10	10	56	5, 051	4, 278	151	622
Montana.....	1, 522	1, 340	18	164	18		18		1, 504	1, 340		164
Idaho.....	959	789	24	146					959	789	24	146
Wyoming.....	356	265	15	76					356	265	15	76
Colorado.....	1, 044	1, 455	48	141					1, 044	1, 455	48	141
New Mexico.....	104	13		91	31	10	10	21	73	3		70
Arizona.....	342	278	64						342	278	64	
Utah.....	40			40	35			35	5			5
Nevada.....	180	148	12	20	12		12		168	148		20
PACIFIC.....	4, 402	3, 540	381	481	7		2	5	4, 395	3, 540	379	476
Washington.....	628	322	6	300					628	322	6	300
Oregon.....	1, 353	1, 113	115	135	7		2	5	1, 356	1, 113	113	130
California.....	2, 411	2, 103	260	46					2, 411	2, 103	260	46
Outlying parts of the United States.....												
Alaska.....	76	50		26					76	50		26
American Samoa.....	1			1					1			1
Canal Zone.....	1			1					1			1
Guam.....	1			1					1			1
Hawaii.....	1			1					1			1
Puerto Rico.....	70			70					70			70

<sup>1</sup> Does not include the following districts in existence but having no schools, Ohio 23, Texas 1,483.

<sup>2</sup> Distribution of total estimated.



Table 4.—Number of personnel in State offices of education, by State, 1947-48

STATES, BY REGION	Total	Chief State school officer and his professional staff		Regional and district administrative and supervisory personnel <sup>1</sup>	Clerical assistants		Operation and maintenance force	
		Full-time	Part-time		Full-time	Part-time	Full-time	Part-time
1	2	3	4	5	6	7	8	9
<b>Continental United States</b> .....	<b>6,533</b>	<b>2,401</b>	<b>23</b>	<b>288</b>	<b>3,560</b>	<b>112</b>	<b>137</b>	<b>12</b>
<b>NEW ENGLAND</b> .....	609	228	-----	12	367	1	-----	1
Maine.....	49	27	-----	-----	21	-----	-----	1
New Hampshire.....	39	21	-----	-----	18	-----	-----	-----
Vermont.....	45	30	-----	-----	15	-----	-----	-----
Massachusetts.....	283	83	-----	-----	200	-----	-----	-----
Rhode Island.....	23	8	-----	-----	15	-----	-----	-----
Connecticut.....	170	59	-----	12	98	1	-----	-----
<b>MIDDLE ATLANTIC</b> .....	1,750	623	-----	-----	1,000	35	92	-----
New York.....	1,249	523	-----	-----	634	-----	92	-----
New Jersey.....	157	39	-----	-----	83	35	-----	-----
Pennsylvania.....	344	61	-----	-----	283	-----	-----	-----
<b>EAST NORTH CENTRAL</b> .....	422	132	-----	28	249	7	6	-----
Ohio.....	135	49	-----	-----	86	-----	-----	-----
Indiana.....	52	12	-----	-----	34	6	-----	-----
Illinois.....	101	12	-----	27	56	-----	6	-----
Michigan.....	59	24	-----	1	33	1	-----	-----
Wisconsin.....	75	35	-----	-----	40	-----	-----	-----
<b>WEST NORTH CENTRAL</b> .....	467	157	-----	51	252	2	4	1
Minnesota.....	106	42	-----	-----	63	1	-----	-----
Iowa.....	114	19	-----	26	67	-----	2	-----
Missouri.....	111	31	-----	25	53	-----	2	-----
North Dakota.....	20	7	-----	-----	13	-----	-----	-----
South Dakota.....	18	11	-----	-----	7	-----	-----	-----
Nebraska.....	64	30	-----	-----	32	1	-----	1
Kansas.....	34	17	-----	-----	17	-----	-----	-----
<b>SOUTH ATLANTIC</b> .....	897	391	9	48	413	23	4	9
Delaware.....	65	32	5	-----	27	-----	1	-----
Maryland.....	77	28	2	-----	47	-----	-----	-----
Virginia.....	268	161	-----	-----	107	-----	-----	-----
West Virginia.....	30	12	-----	-----	17	-----	1	-----
North Carolina <sup>2</sup> .....	141	64	-----	-----	77	-----	-----	-----
South Carolina.....	119	43	-----	25	37	14	-----	-----
Georgia.....	87	20	-----	23	37	-----	1	6
Florida.....	110	31	2	-----	64	9	1	3
<b>EAST SOUTH CENTRAL</b> .....	459	140	2	56	239	-----	22	-----
Kentucky.....	64	29	1	-----	30	-----	4	-----
Tennessee.....	184	34	1	56	75	-----	18	-----
Alabama.....	151	40	-----	-----	111	-----	-----	-----
Mississippi.....	60	37	-----	-----	23	-----	-----	-----
<b>WEST SOUTH CENTRAL</b> .....	766	231	-----	77	410	39	9	-----
Arkansas.....	51	28	-----	-----	22	1	-----	-----
Louisiana.....	306	114	-----	-----	174	18	-----	-----
Oklahoma.....	257	69	-----	59	124	-----	5	-----
Texas.....	152	20	-----	18	90	20	4	-----

See footnotes at end of table.



Table 4.—Number of personnel in State offices of education, by State, 1947-48—Continued

STATES, BY REGION	Total	Chief State school officer and his professional staff		Regional and district administrative and supervisory personnel <sup>1</sup>	Clerical assistants		Operation and maintenance force	
		Full-time	Part-time		Full-time	Part-time	Full-time	Part-time
1	2	3	4	5	6	7	8	9
<b>MOUNTAIN</b> .....	290	116	12	16	140	5		1
Montana.....	65	23		7	35			
Idaho.....	23	10			13			
Wyoming.....	39	17			17	5		
Colorado.....	30	11			19			
New Mexico.....	41	20		3	18			
Arizona.....	20	7		1	11			1
Utah.....	52	21	12		19			
Nevada.....	20	7		5	8			
<b>PACIFIC</b> .....	873	383			490			
Washington.....	50	22			28			
Oregon.....	58	22			36			
California.....	765	339			426			
<b>Outlying parts of the United States</b>								
Alaska.....	8	3			5			
American Samoa.....	2	2						
Canal Zone.....	11	5			6			
Guam.....	5	5						
Hawaii.....	110	40			70			
Puerto Rico.....	386	80		155	139		12	

<sup>1</sup> Full-time only.<sup>2</sup> Statistics, 1945-46.

Table 5.—Number of instructional staff and clerical assistants in full-time public elementary and secondary day schools, by State, 1947-48

STATE, BY REGION	INSTRUCTIONAL STAFF											CLERICAL ASSISTANTS						
	Total Instructional staff	Supervisors			Principals			Teachers						Total, including undistributed items	Elementary	Secondary		
		Total, including undistributed items	Elementary		Total, including undistributed items	Elementary		Total		Elementary		Secondary						
			Total	Men		Women	Total	Men	Women	Total	Men	Women						
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>Continental United States.</b>																		
NEW ENGLAND.....	907,013	9,191			37,144			800,678	161,913	698,765	554,939	39,655	515,284	305,739	122,258	183,481	6,704	
Maine.....	6,307	46	44	2	100	100	6,117	1,150	4,958	4,355	311	4,044	1,702	848	914			
New Hampshire.....	2,920	107	3		86	47	2,788	581	2,207	1,689	77	1,592	1,119	504	615	36	8	28
Vermont.....	23,549	589	3	104	88	83	22,364	276	2,078	1,731	614	1,688	1,233	390	42	7		35
Massachusetts.....	23,746	589	464	125	870	264	606	22,287	4,489	17,798	12,737	614	12,123	9,580	3,875	5,675		
Rhode Island.....	3,858	73	61	12	159	91	68	3,626	692	2,934	1,911	52	1,859	1,715	640	1,075	142	30
Connecticut.....	10,397	90	51	39	313	201	112	9,994	1,703	8,291	6,408	316	6,092	3,586	1,387	2,199	347	158
MIDDLE ATLANTIC.....	164,538	2,012			5,168		157,358	34,897	122,461	96,182	8,178	88,004	61,176	26,719	34,457	2,218		
New York.....	78,794	781			2,988		75,025	17,440	57,585	47,588	4,798	42,790	27,437	12,642	14,795			
New Jersey.....	27,138	833			844		25,901	5,264	20,637	16,179	1,068	15,111	9,722	4,196	5,526	865	380	485
Pennsylvania.....	58,606	838			1,336		56,432	12,193	44,239	32,415	2,312	30,103	24,017	9,881	14,136	1,353		
EAST NORTH CENTRAL.....	170,024	2,331			7,053		160,640	35,708	124,932	98,952	7,557	91,395	61,688	28,151	33,537			
Ohio.....	42,847	254	200	54	1,230	705	41,363	10,447	30,916	23,405	1,957	21,448	17,958	8,490	9,468			
Indiana.....	23,914	318			1,471		22,125	6,072	16,053	12,266	1,574	10,692	9,869	4,488	5,361			
Illinois.....	1,697	1,194	503		43,307	534	43,307	34,234	29,200	2,630	26,570	14,107	6,443	7,664				
Michigan.....	35,524	62	62		1,651	801	33,811	5,581	28,230	20,411	89	20,322	13,400	5,492	7,908			
Wisconsin.....	20,505				471	267	20,034	4,535	15,499	13,670	1,307	12,363	6,364	3,228	3,136			
WEST NORTH CENTRAL.....	107,155	883			3,763		102,509	16,067	86,442	69,864	3,861	66,003	32,645	12,206	20,439			
Minnesota.....	19,538	92	62	30	390	241	19,056	3,378	15,678	11,675	305	11,370	7,381	3,073	4,308			
Iowa.....	22,465	592	372	220	971	383	20,902	2,116	18,786	13,963	112	13,841	6,949	2,004	4,945			
Missouri.....	23,365	95	72	23	348	206	22,922	1,228	18,796	16,697	1,723	14,974	6,252	2,403	3,822			
North Dakota.....	6,388				6,388		1,298	5,090	4,862	632	4,230	1,526	666	609	666			
South Dakota.....	6,950				224	224	6,726	959	5,767	5,280	390	4,930	1,446	609	837			

Nebraska.....	12, 159	104	51	53	200	84	116	11, 855	1, 569	10, 286	8, 610	328	8, 282	3, 245	1, 241	2, 004
Kansas.....	16, 290				1, 630	1, 108	522	14, 660	2, 621	12, 039	8, 787	411	8, 376	5, 873	2, 210	3, 063
SOUTH ATLANTIC.																
Delaware.....	132, 886	985			6, 981			124, 960	17, 101	107, 849	83, 624	3, 804	79, 820	41, 326	13, 297	28, 029
Maryland.....	1, 868	35	28	7	72	35	37	1, 761	423	1, 338	912	50	862	849	373	476
District of Columbia.....	10, 229	108	102	66	421	209	715	9, 740	1, 809	7, 931	5, 518	346	5, 172	4, 222	1, 463	2, 759
Virginia.....	3, 537	47	13	34	161	86	25	3, 329	565	2, 764	1, 634	66	1, 568	1, 699	1, 196	106
West Virginia.....	19, 794	360			1, 902			17, 332	1, 954	15, 378	11, 431	287	11, 144	6, 101	1, 667	4, 434
North Carolina.....	13, 809				1, 828			13, 081	1, 820	11, 855	8, 758	1, 220	1, 538	4, 923	1, 606	3, 317
South Carolina.....	26, 017				1, 444			25, 216	3, 165	22, 051	19, 257	1, 323	17, 834	5, 959	1, 842	4, 117
South Carolina.....	15, 905				180	85	95	15, 725	1, 943	13, 782	11, 537	711	10, 826	4, 188	1, 232	2, 956
Georgia.....	23, 201	159			342			22, 700	3, 312	19, 388	15, 778	557	15, 221	6, 922	2, 755	4, 167
Florida.....	16, 126	186			674			15, 266	2, 104	13, 162	8, 799	244	8, 555	6, 467	1, 860	146
EAST SOUTH CENTRAL.																
Kentucky.....	76, 271	220			1, 368			74, 083	12, 195	62, 488	52, 281	4, 854	47, 427	22, 402	7, 341	15, 061
Tennessee.....	18, 625	114	78	36	632	284	348	17, 879	3, 409	14, 470	12, 820	1, 531	11, 289	5, 059	1, 878	3, 181
Tennessee.....	20, 738				20, 738			17, 040	15, 547	12, 783	13, 601	430	12, 353	7, 870	2, 282	5, 588
Alabama.....	21, 248	71	60	11	524	160	364	20, 653	2, 712	17, 941	12, 783	430	12, 353	7, 870	2, 282	5, 588
Mississippi.....	15, 660	35			212			15, 413	2, 376	13, 037	11, 131	947	10, 184	4, 282	1, 429	2, 853
WEST SOUTH CENTRAL.																
Arkansas.....	93, 557	401			5, 365			87, 791	14, 351	73, 440	58, 120	4, 499	53, 621	29, 671	9, 852	19, 819
Louisiana.....	12, 947	24			325			12, 598	2, 379	10, 219	8, 101	806	7, 995	4, 497	1, 573	2, 924
Louisiana.....	15, 247	139			973			14, 135	1, 716	12, 419	10, 282	509	9, 772	3, 853	1, 207	2, 646
Oklahoma.....	17, 702	75			1, 577	842	735	16, 050	3, 083	12, 967	10, 725	1, 364	9, 361	5, 925	1, 710	3, 006
Texas.....	47, 661	163	113	50	2, 490	1, 200	1, 290	45, 008	7, 173	37, 835	29, 012	1, 820	27, 192	15, 996	5, 553	10, 643
MOUNTAIN.																
Montana.....	36, 083	378			1, 270			34, 435	7, 905	26, 530	22, 822	2, 400	20, 422	11, 613	5, 505	6, 108
Idaho.....	4, 742				4, 742			4, 742	986	3, 756	3, 383	313	3, 070	1, 359	673	686
Idaho.....	4, 232	116			137			3, 079	938	3, 041	2, 387	269	2, 318	1, 392	669	723
Wyoming.....	2, 895	17	11	6	64	31	33	2, 510	404	2, 110	1, 710	87	1, 623	804	317	487
Colorado.....	8, 920				249	132	117	8, 071	1, 680	6, 991	5, 457	366	5, 091	3, 214	1, 314	1, 900
New Mexico.....	4, 698	96	62	34	384	315	69	4, 218	897	3, 321	3, 022	464	2, 558	1, 196	433	763
Arizona.....	4, 785	78	55	23	207	108	39	4, 900	1, 231	3, 269	3, 290	494	2, 290	737	543	237
Utah.....	4, 975	59			188			4, 728	1, 550	3, 178	2, 654	330	2, 324	2, 074	1, 220	854
Nevada.....	1, 136	12	12		17			1, 083	419	864	789	77	712	142	152	146
PACIFIC.																
Washington.....	76, 722	1, 106			4, 470			71, 146	14, 789	56, 357	44, 283	3, 089	41, 194	26, 863	11, 700	15, 163
Oregon.....	14, 039	153			691	440	251	13, 195	3, 151	10, 044	8, 031	804	7, 227	5, 164	2, 347	2, 817
California.....	9, 311	124			3, 136			8, 544	1, 658	6, 886	5, 610	420	2, 630	1, 692	1, 238	1, 692
Outlying parts of the United States																
Alaska.....	459				10			449	109	340						
American Samoa.....	105				105			280	83	197	150	18	132	130	65	65
Canal Zone.....	306	11	3	8	15	5	10	280	83	197	150	18	132	130	65	65
Guam.....	212				212											
Hawaii.....	3, 130	22			140			2, 968	525	2, 442	1, 715	129	1, 586	1, 253	397	856
Puerto Rico.....	9, 060	68			418			8, 574	1, 706	6, 868	5, 138	668	4, 470	3, 436	1, 038	2, 398
Virgin Islands.....	170				170											

1 Statistics, 1948-49.  
2 Statistics, 1946-47.

1 Number of men and women estimated.  
2 Distribution between elementary and secondary estimated.

Table 6.—Number of health, transportation, and custodial employees in public schools, by State, 1947-48

STATE, BY REGION	Total		Physicians		Dentists		Dental hygienists		Nurses		Recreational workers		Transportation employees		Cafeteria and lunch-room employees		Janitors, engineers, etc.		Carpenters, painters, etc.		Other	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>1</b>																						
<b>35 States and the District of Columbia.....</b>	<b>131,178</b>	<b>25,884</b>	<b>328</b>	<b>2,617</b>	<b>111</b>	<b>1,239</b>	<b>154</b>	<b>32</b>	<b>1,404</b>	<b>1,650</b>	<b>858</b>	<b>966</b>	<b>46,358</b>	<b>4,488</b>	<b>13,543</b>	<b>1,675</b>	<b>59,988</b>	<b>11,571</b>	<b>4,968</b>	<b>1,164</b>	<b>3,471</b>	<b>472</b>
NEW ENGLAND:																						
New Hampshire.....	397	648		88					47	50					78	149	272	361				
Vermont.....	211	1,409	1	24	5	13							34	612		161	734				10	22
Massachusetts.....	3,070	1,204		558		16		17		533			9			3,070						80
Rhode Island.....	894	280		67		36		10	44	5				34	35	37	33	718	55	57	10	4
Connecticut.....	1,339	17									30	17			1,141		168					
MIDDLE ATLANTIC:																						
New Jersey.....	5,436	2,763	47	683	17	209	18	4	445	360	24	270	66	134			3,981	832	495	47	343	215
Pennsylvania.....	10,346	6,296	163	582	64	549	127				187	580	997	1,008	1,363	998	6,696	2,466	749	113		
EAST NORTH CENTRAL:																						
Ohio.....	4,710	730									10	35					4,250	650		45		
Indiana.....	9,036		25		14				49				5,558				3,300					
Illinois.....	12,350	2,256		1,349		1,224			1,502				1,319	357	2,544	277	6,839	445	534	47	1,114	57
Michigan.....	7,001												2,586				4,415					
West North Central:																						
Minnesota.....	5,283	301		127		174			74				2,500		2,167							
Iowa.....	3,050												3,050									
SOUTH ATLANTIC:																						
Delaware.....	205	225	3		3		1		22	1				168			158	54	18	2		
Maryland.....	1,697	851	1	20		2			32	6			177		312		985	752	190	71		
District of Columbia.....	893								37								842		6		8	
Virginia.....	3,891	1,414	5	10	4	11			66	11	90	50	2,195	588			1,259	668	272	76		
West Virginia.....	3,888	2,896	10	6	1	1	6		53	8			1,322	96			1,917	2,205	263	574	16	6
North Carolina.....	2,239																2,269					
South Carolina.....	3,711	171																				
Georgia.....	7,999																1,497				842	
Florida.....	2,652	580	3	4	1	1	1		15	6	1		1,867	274	3,292		1,172	263	290	32		
EAST SOUTH CENTRAL:																						
Kentucky.....	2,932	652	6	14		1			22	28	3	8	1,499	284			1,254	215	91	78	57	4
Tennessee.....	3,355	348	5	8					22	7			2,132				1,196					
Alabama.....	4,553	340		13		1			6				3,315				1,229	326			3	
Mississippi.....	738																738					1

<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	2,823	444	1			14		1,729	31			1,046	409	33	2	
Louisiana.....	4,586	165	5	42	2	24	08	2,734	3			1,386	1	251	1	184
Oklahoma.....	2,985	29						2,985	29							
Texas.....	12,669	14	‡ 53	‡ 2		216	6	6,483				5,452	414		5	51
<b>MOUNTAIN:</b>																
Montana.....	342	491				7		100	56	25	35	200	400	10		
Idaho.....	818				1	83		406				317		5		6
Wyoming.....	13	237				13			237							
Arizona.....	1,168	363		7		59	10	150	152	389		426	161	129	33	15
Utah.....	1,423	773		13		22	29	144	236	682	183	489	242	42	28	43
<b>PACIFIC:</b>																
Oregon.....	2,755					32		720				1,228				775
<b>Outlying parts of the United States</b>																
Alaska.....	85	32				2						83	32			
Canal Zone.....	62					2				5		64				
Hawaii.....	428		2		27	13				140		241		1		4
Puerto Rico.....	875	3,720		6	2	1	10	3		696	2,657	173	1,037		3	

1 Includes full-time persons.

‡ Includes part-time persons.

‡ Includes dentists.



Table 7.—Percent of men teachers in public elementary and secondary day schools, by State, for specified years

STATE, BY REGION	PERCENT OF MEN TEACHERS, BY SPECIFIED YEAR											
	1870-71 <sup>1</sup>	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1941-42	1943-44	1945-46	1947-48
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
<b>Continental United States</b>												
<b>NEW ENGLAND:</b>												
Maine.....	24.4	1 27.2	1 16.0	1 16.4	11.2	8.5	14.2	19.1	18.1	13.1	15.8	18.9
New Hampshire.....	15.0	16.8	9.8	8.9	7.1	8.3	12.6	20.6	21.0	15.4	18.3	20.8
Vermont.....	16.5	16.8	12.0	13.6	8.9	3.7	8.6	11.7	12.3	7.8	7.1	11.7
Massachusetts.....	12.7	13.2	9.8	8.8	9.1	8.6	14.7	18.8	19.4	18.6	19.8	20.1
Rhode Island.....	20.4	20.2	12.6	9.5	8.9	11.8	11.8	19.2	18.0	14.2	16.8	19.1
Connecticut.....	22.1	22.8	1 13.4	1 9.0	6.2	7.3	9.1	16.5	16.1	10.4	13.8	17.0
<b>MIDDLE ATLANTIC:</b>												
New York.....	22.9	26.0	16.9	14.9	11.7	10.3	13.0	20.9	21.7	17.9	20.9	23.2
New Jersey.....	32.5	28.5	18.4	12.9	12.3	10.5	12.0	19.6	20.2	16.0	18.3	20.3
Pennsylvania.....	42.8	45.5	34.2	32.0	22.6	16.3	17.4	26.3	25.8	20.1	20.6	21.6
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	43.2	47.8	43.1	40.4	31.1	18.0	20.0	29.2	29.0	22.0	23.6	25.2
Indiana.....	60.5	57.5	51.1	46.2	35.7	16.9	25.3	30.3	29.9	23.2	23.8	27.4
Illinois.....	43.5	39.7	32.5	26.4	18.5	15.0	19.0	23.7	22.8	15.5	18.3	20.3
Michigan.....	26.3	29.2	22.3	20.3	14.0	11.5	17.6	22.5	23.2	17.1	19.0	16.5
Wisconsin.....	28.8	28.9	19.8	18.4	11.8	8.9	15.3	21.6	22.6	14.4	19.3	22.6
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	33.7	25.9	23.9	19.4	12.0	8.8	12.9	18.0	18.0	12.7	14.4	17.7
Iowa.....	39.0	33.6	20.6	17.2	9.8	8.2	8.7	14.2	13.8	7.9	8.1	10.1
Missouri.....	65.3	58.1	44.4	37.6	26.4	16.2	18.2	26.1	21.0	13.9	15.0	18.0
North Dakota.....	24.7	1 40.8	28.3	28.8	17.4	12.3	16.8	23.5	21.5	13.2	15.1	20.3
South Dakota.....	( <sup>2</sup> )	( <sup>2</sup> )	29.0	24.4	16.6	10.5	15.0	21.2	19.1	9.8	9.5	14.2
Nebraska.....	51.9	40.7	27.1	21.8	11.9	7.3	10.8	15.3	14.2	8.2	9.4	13.2
Kansas.....	47.2	45.1	40.8	32.7	18.0	12.1	18.1	20.3	19.5	11.2	11.6	17.9
<b>SOUTH ATLANTIC:</b>												
Delaware.....	29.9	46.6	31.0	25.3	13.7	10.8	13.7	21.1	22.1	15.0	16.1	24.0
Maryland.....	45.0	42.6	27.8	21.7	17.1	11.5	14.6	19.2	18.7	13.6	15.2	18.6
District of Columbia.....	8.2	7.8	13.0	13.1	11.5	11.9	11.9	15.0	13.2	12.3	15.3	17.0
Virginia.....	64.5	61.8	41.5	19.9	10.9	10.9	11.3	17.1	15.3	10.6	8.9	11.1
West Virginia.....	79.0	75.2	63.4	57.9	28.9	28.7	28.9	26.9	29.2	23.0	23.0	13.3
North Carolina.....	73.2	1 71.3	59.1	49.4	28.5	16.0	16.0	15.0	14.9	9.1	10.1	12.6
South Carolina.....	62.4	59.5	49.6	1 43.5	23.1	14.7	14.8	15.2	9.9	9.9	11.6	12.4
Georgia.....	71.4	1 65.2	53.3	44.0	24.4	13.1	13.9	17.9	14.6	10.9	10.6	14.6
Florida.....	65.7	61.6	48.0	36.9	25.7	15.8	13.5	13.5	14.4	8.5	10.9	13.8

<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	66.0	64.6	49.8	45.5	41.7	21.0	20.9	29.9	23.8	13.6	15.5	19.1
Tennessee.....	75.0	74.4	61.8	54.0	37.0	22.4	20.8	25.9	22.3	14.1	15.5	17.8
Alabama.....	66.8	63.8	62.9	30.1	35.0	20.3	16.4	19.4	16.4	11.0	11.4	13.1
Mississippi.....	60.8	61.2	49.6	44.2	31.0	22.0	16.1	19.7	19.2	9.2	13.8	15.4
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	75.6	78.4	68.5	59.7	47.0	31.2	27.3	28.1	23.5	16.0	16.6	18.9
Louisiana.....	50.9	46.1	44.7	47.9	21.4	14.3	13.7	20.0	18.3	12.2	10.8	12.1
Oklahoma.....	77.3	175.0	61.1	42.8	26.2	18.9	23.4	26.9	25.9	12.6	11.2	19.2
Texas.....				48.9	30.8	18.0	18.2	22.6	21.1	11.1	12.9	15.9
<b>MOUNTAIN:</b>												
Montana.....	60.3	38.5	22.9	16.6	12.0	10.7	12.8	23.5	23.9	15.4	19.2	29.8
Idaho.....	64.3	57.4	133.4	31.2	25.5	14.8	23.3	34.7	36.4	19.4	18.8	23.6
Wyoming.....	28.6	44.3	22.4	15.6	12.8	11.0	14.8	21.7	20.3	12.4	15.2	16.1
Colorado.....	48.8	36.4	26.2	20.9	15.6	9.2	17.2	24.0	25.2	14.8	16.2	19.4
New Mexico.....	91.7	78.0	162.2	155.2	34.4	20.6	21.5	21.6	21.6	18.5	20.4	21.3
Arizona.....		47.5	38.8	27.3	17.0	10.8	16.9	27.5	25.4	18.5	23.2	27.3
Utah.....	55.0	54.5	46.6	36.5	26.6	24.9	29.2	38.5	38.8	31.2	28.2	32.5
Nevada.....	32.4	46.7	16.3	11.1	10.8	9.0	14.5	27.3	23.9	13.6	18.5	20.2
<b>PACIFIC:</b>												
Washington.....	46.5	37.4	40.6	28.9	20.0	13.9	17.0	26.6	27.3	16.0	19.3	23.9
Oregon.....	51.7	48.3	43.3	28.4	19.4	12.8	11.8	20.9	18.9	12.1	14.5	19.4
California.....	40.0	38.6	21.4	17.8	13.8	12.2	16.1	20.0	20.0	23.4	20.1	20.2
<b>Outlying parts of the United States</b>												
Alaska.....						11.0	16.2	34.4	28.5	14.3	17.8	24.3
American Samoa.....							84.6	47.5	38.6	36.2	18.8	29.6
Canal Zone.....						31.4	47.4	30.2				
Guam.....							38.4					
<b>Hawaii</b>												
Puerto Rico.....						11.1	16.9	20.7	20.0	21.3	17.4	17.7
Virgin Islands.....						27.8	26.9	22.9	21.5	20.8	21.0	19.9
							35.7	27.4	15.9	12.7		

\* Included in North Dakota.

† Estimated.

Table 8.—Number of pupils enrolled in full-time public elementary and secondary day schools, by State, for specified years

STATE, BY REGION	1870-71	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1941-42	1943-44	1945-46	1947-48
	2	3	4	5	6	7	8	9	10	11	12	13
<b>Continental United States</b> .....	7,561,552	9,867,595	12,722,631	15,503,110	17,813,852	21,578,316	25,678,015	25,433,542	24,562,473	23,266,616	23,299,941	23,944,532
NEW ENGLAND.....	711,190	756,871	815,868	959,920	1,081,148	1,242,221	1,492,320	1,399,746	1,320,815	1,240,024	1,197,881	1,218,081
Maine.....	152,600	149,827	139,676	130,918	144,278	137,681	154,455	163,640	158,061	148,524	145,900	151,582
New Hampshire.....	71,957	64,341	59,813	65,688	63,972	64,205	74,240	75,097	72,515	66,444	66,972	68,143
Vermont.....	65,384	75,328	65,608	65,964	66,615	61,785	65,976	64,911	60,511	55,099	52,977	56,300
Massachusetts.....	273,661	306,777	371,432	474,891	535,869	623,586	759,492	700,365	656,974	617,595	586,836	590,827
Rhode Island.....	34,000	40,604	52,774	67,231	80,061	93,501	118,704	114,161	105,946	96,936	94,346	94,062
Connecticut.....	113,588	119,694	126,505	155,228	190,353	261,463	319,453	281,632	266,808	255,426	250,730	257,767
MIDDLE ATLANTIC.....	2,032,154	2,173,864	2,296,754	2,684,029	3,135,731	3,925,080	4,870,924	4,796,177	4,539,663	4,138,289	4,010,083	4,067,706
New York.....	1,028,110	1,031,593	1,042,160	1,209,574	1,422,969	1,719,841	2,141,479	2,227,870	2,126,193	1,938,062	1,881,444	1,922,084
New Jersey.....	169,430	204,961	234,072	322,575	429,797	594,780	792,012	716,527	678,628	631,362	615,461	630,950
Pennsylvania.....	834,614	937,310	1,020,522	1,151,880	1,282,965	1,610,459	1,937,433	1,851,780	1,734,842	1,568,865	1,513,178	1,514,672
EAST NORTH CENTRAL.....	2,399,967	2,606,836	2,867,518	3,303,005	3,378,038	3,871,428	4,875,526	4,640,237	4,437,713	4,274,774	4,311,822	4,436,258
Ohio.....	719,372	729,499	797,489	829,180	838,080	1,020,663	1,277,636	1,213,978	1,164,160	1,115,630	1,118,506	1,151,913
Indiana.....	450,057	511,283	512,955	564,047	531,459	566,288	677,379	671,364	669,148	644,838	646,626	658,237
Illinois.....	672,787	704,641	778,319	958,911	1,092,687	1,127,560	1,305,907	1,248,827	1,196,770	1,124,921	1,115,707	1,137,268
Michigan.....	292,466	362,586	427,032	504,985	541,801	691,674	970,528	970,188	914,205	898,589	946,627	998,045
Wisconsin.....	265,285	289,457	351,723	445,142	464,311	465,243	564,022	535,880	483,430	460,756	484,356	490,795
WEST NORTH CENTRAL.....	900,683	1,426,992	2,147,749	2,539,564	2,603,951	2,724,540	2,853,752	2,645,455	2,565,628	2,366,120	2,344,508	2,354,861
Minnesota.....	113,983	180,248	280,960	399,207	440,083	503,597	551,741	512,224	497,026	460,762	462,539	480,126
Iowa.....	341,938	426,057	493,267	566,223	510,661	514,521	554,655	503,481	490,934	459,741	460,538	464,499
Missouri.....	330,070	482,986	620,314	719,817	707,031	672,483	656,073	700,640	694,779	631,818	625,235	623,757
North Dakota.....	1,660	13,718	35,543	77,686	139,802	168,283	169,277	140,126	133,203	114,591	112,629	112,629
South Dakota.....	(9)	(9)	78,043	98,822	126,253	146,955	165,624	136,447	129,680	116,318	113,831	114,510
Nebraska.....	23,265	92,549	240,300	288,227	281,975	311,821	325,216	276,188	271,194	237,589	230,147	225,525
Kansas.....	89,777	231,434	399,322	389,582	1,281,375	406,880	431,166	362,812	362,812	342,488	337,627	333,815
SOUTH ATLANTIC.....	603,619	1,242,811	1,785,486	2,182,615	2,573,386	3,282,217	3,755,278	3,923,820	3,854,818	3,676,662	3,712,807	3,841,828
Delaware.....	20,088	27,823	31,434	36,895	35,950	38,483	42,360	44,046	42,505	41,232	41,683	43,523
Maryland.....	115,683	162,431	184,251	222,373	238,393	241,618	277,459	287,225	282,047	282,047	288,391	302,416
District of Columbia.....	15,157	26,439	36,906	46,519	55,774	65,298	80,965	96,170	96,520	92,187	94,777	97,514
Virginia.....	131,088	220,736	342,269	370,595	402,109	505,190	562,956	568,131	556,377	534,778	547,981	560,975

West Virginia.....	76,999	142,850	193,064	232,343	276,458	346,256	395,505	452,821	443,337	409,080	410,673	423,250
North Carolina.....	115,000	252,612	322,533	520,404	520,404	871,249	866,939	886,484	871,765	885,553	848,271	848,271
South Carolina.....	66,056	134,072	201,260	281,891	340,415	478,045	467,370	481,750	475,210	453,984	444,244	458,510
Georgia.....	49,578	236,533	381,297	482,673	555,794	690,918	713,290	737,979	713,094	682,149	694,382	699,464
Florida.....	14,000	39,315	92,472	108,874	148,089	225,160	346,434	369,214	369,036	355,652	733,177	407,605
<b>EAST SOUTH CENTRAL.....</b>	<b>576,769</b>	<b>992,361</b>	<b>1,483,383</b>	<b>1,748,578</b>	<b>1,910,364</b>	<b>2,137,794</b>	<b>2,434,538</b>	<b>2,533,761</b>	<b>2,471,009</b>	<b>2,321,491</b>	<b>2,276,879</b>	<b>2,340,796</b>
Kentucky.....	178,457	1,276,000	399,660	485,354	494,863	535,332	588,354	604,064	575,107	525,444	526,461	546,077
Tennessee.....	140,000	300,217	447,050	48,354	521,753	619,852	627,747	648,131	635,736	606,420	605,010	628,439
Alabama.....	141,312	179,400	301,615	376,423	424,611	569,940	622,988	686,767	666,738	642,035	638,375	646,874
Mississippi.....	117,000	236,654	334,188	386,507	469,137	1,412,670	595,449	594,799	593,428	547,592	517,024	519,406
<b>WEST SOUTH CENTRAL.....</b>	<b>191,070</b>	<b>379,614</b>	<b>810,196</b>	<b>1,270,031</b>	<b>1,903,625</b>	<b>2,462,181</b>	<b>2,881,420</b>	<b>2,878,999</b>	<b>2,716,528</b>	<b>2,540,369</b>	<b>2,537,061</b>	<b>2,581,233</b>
Arkansas.....	69,927	81,972	223,071	314,662	395,978	483,172	456,185	465,339	441,106	400,897	393,070	403,708
Louisiana.....	57,639	77,642	120,253	196,109	263,617	354,079	434,557	473,020	464,835	432,595	436,273	442,411
Oklahoma.....	---	---	---	99,602	422,399	589,282	682,650	611,818	510,264	463,892	461,265	456,074
Texas.....	63,504	1,220,000	466,872	659,598	821,631	1,035,648	1,308,028	1,328,822	1,303,323	1,242,985	1,246,453	1,279,040
<b>MOUNTAIN.....</b>	<b>28,788</b>	<b>77,468</b>	<b>174,703</b>	<b>341,123</b>	<b>525,118</b>	<b>794,536</b>	<b>898,248</b>	<b>905,956</b>	<b>897,862</b>	<b>843,265</b>	<b>866,520</b>	<b>913,220</b>
Montana.....	1,657	4,270	16,980	39,430	66,141	126,576	120,337	107,302	102,906	91,770	95,669	97,465
Idaho.....	906	5,834	14,311	36,669	76,168	115,192	120,947	120,987	118,821	111,331	108,423	115,497
Wyoming.....	450	2,907	7,052	14,512	24,584	43,112	54,505	56,199	55,711	52,431	53,998	54,776
Colorado.....	4,357	22,119	65,490	117,555	168,798	220,232	240,482	221,409	214,022	202,410	205,907	215,355
New Mexico.....	1,320	4,755	18,215	36,735	56,304	81,399	102,084	132,589	131,347	121,567	128,532	136,097
Arizona.....	---	4,212	7,989	16,504	31,312	76,505	103,806	110,205	116,430	101,239	108,123	124,413
Utah.....	16,992	24,326	37,279	73,042	91,611	117,406	138,046	136,519	134,632	138,282	141,184	143,657
Nevada.....	3,106	9,045	7,387	6,676	1,10,200	14,114	18,041	20,746	23,983	24,255	24,684	25,960
<b>PACIFIC.....</b>	<b>117,332</b>	<b>211,078</b>	<b>340,974</b>	<b>474,245</b>	<b>702,491</b>	<b>1,138,319</b>	<b>1,616,009</b>	<b>1,709,391</b>	<b>1,758,437</b>	<b>1,865,602</b>	<b>2,042,380</b>	<b>2,189,949</b>
Washington.....	5,000	14,780	55,964	115,104	215,688	291,053	344,731	331,409	343,121	366,187	384,431	396,004
Oregon.....	21,000	37,533	63,254	89,405	118,412	151,028	202,595	188,876	189,466	196,407	223,764	232,489
California.....	91,332	158,765	221,756	299,736	368,391	696,238	1,068,683	1,189,106	1,225,850	1,363,008	1,434,185	1,561,366
<b>Outlying parts of the United States.....</b>												
Alaska.....	---	---	---	---	---	3,360	3,436	6,312	7,502	6,608	8,050	10,578
American Samoa.....	---	---	---	---	---	---	---	---	---	---	---	3,140
Canal Zone.....	---	---	---	---	---	3,486	7,003	2,864	7,120	6,448	7,558	8,081
Guam.....	---	---	---	---	---	---	3,683	4,691	---	---	7,150	7,594
Hawaii.....	---	---	---	---	---	41,350	71,657	91,821	80,038	82,488	82,874	84,923
Puerto Rico.....	---	---	---	---	---	180,458	221,248	286,098	292,738	309,556	349,195	377,290
Virgin Islands.....	---	---	---	---	---	---	3,061	3,552	3,614	3,805	4,408	5,548

\* Included in North Dakota.

† Estimated.



Table 9.—Population, and number of pupils enrolled in full-time public elementary and secondary day schools, by State, 1947-48  
[Thousands]

STATE, BY REGION	Estimated <sup>1</sup> population, excluding armed forces overseas July 1, 1948	Estimated <sup>1</sup> population 5-17 years inclusive	Total pupils			Elementary pupils (K-8th grade, inclusive)			Secondary pupils (9th grade-Postgraduate, inclusive)		
			Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>Continental United States.....</b>											
NEW ENGLAND.....	9,156	1,712	23,945	12,176	11,768	18,291	9,429	8,862	5,653	2,747	2,906
Maine.....	898	195	152	77	74	118	61	57	33	16	17
New Hampshire.....	523	101	68	35	26	50	26	24	18	9	9
Vermont.....	363	79	56	29	27	44	23	21	12	6	6
Massachusetts.....	4,638	848	591	297	294	428	221	207	163	76	87
Rhode Island.....	745	134	94	49	45	70	36	34	24	12	12
Connecticut.....	1,989	355	258	132	126	190	99	91	68	33	35
MIDDLE ATLANTIC.....	29,476	5,367	4,068	2,078	1,989	2,894	1,493	1,401	1,174	586	588
New York.....	14,221	2,473	1,922	980	942	1,352	690	662	570	291	279
New Jersey.....	4,768	823	631	323	306	437	237	220	174	88	85
Pennsylvania.....	10,478	2,072	1,515	773	742	1,085	566	519	430	207	223
EAST NORTH CENTRAL.....	29,623	5,799	4,436	2,259	2,177	3,267	1,690	1,576	1,170	569	600
Ohio.....	7,842	1,513	1,152	588	564	860	443	417	292	145	147
Indiana.....	3,917	791	658	337	322	489	252	237	169	85	85
Illinois.....	8,348	1,520	1,137	577	560	827	427	400	310	150	160
Michigan.....	6,216	1,296	998	509	489	738	386	352	260	123	137
Wisconsin.....	3,300	678	491	249	242	352	182	170	138	66	72
WEST NORTH CENTRAL.....	13,811	2,788	2,355	1,200	1,155	1,761	910	851	594	290	304
Minnesota.....	2,934	598	480	244	236	353	183	171	127	61	66
Iowa.....	2,612	505	464	237	228	351	181	170	113	58	58
Missouri.....	3,892	770	624	318	306	478	247	232	145	71	74
North Dakota.....	582	143	115	57	56	86	45	41	29	12	15
South Dakota.....	611	140	115	58	57	85	44	41	27	14	15
Nebraska.....	1,283	260	226	115	110	161	84	78	64	32	32
Kansas.....	1,895	372	334	171	163	246	127	119	88	44	44



	19,656	4,657	3,842	1,938	1,904	3,103	1,590	1,514	739	348	390
SOUTH ATLANTIC.....											
Delaware.....	300	58	44	22	21	33	17	16	11	5	6
Maryland.....	2,155	414	302	154	148	246	128	118	56	27	30
District of Columbia.....	2,883	129	98	49	48	72	37	36	25	13	13
Virginia.....	3,051	696	561	283	278	445	230	216	110	54	62
West Virginia.....	1,911	499	423	215	208	336	174	162	87	41	46
North Carolina.....	3,708	992	848	424	424	685	351	334	164	73	90
South Carolina.....	1,982	554	460	230	228	397	197	201	61	34	28
Georgia.....	3,167	817	639	352	347	608	292	276	131	00	72
Florida.....	2,430	497	408	207	201	321	165	156	87	42	45
EAST SOUTH CENTRAL.....											
Kentucky.....	11,049	2,843	2,341	1,183	1,158	1,952	1,004	948	389	179	209
Tennessee.....	2,856	715	546	278	268	457	236	221	89	41	47
Alabama.....	3,179	771	628	318	310	519	268	251	110	50	60
Mississippi.....	2,901	773	647	326	321	532	273	259	115	53	62
Mississippi.....	2,114	584	519	261	258	444	226	218	75	35	40
WEST SOUTH CENTRAL.....											
Arkansas.....	14,195	3,332	2,581	1,311	1,270	2,055	1,061	994	526	251	275
Louisiana.....	1,937	505	404	204	199	330	170	160	74	35	39
Louisiana.....	2,591	629	442	222	220	376	193	183	66	30	37
Oklahoma.....	2,295	534	456	230	226	350	182	168	106	49	58
Oklahoma.....	7,371	1,663	1,279	655	624	999	517	482	280	138	142
TEXAS.....											
MOUNTAIN.....											
Montana.....	4,690	1,098	913	469	444	699	363	337	214	106	108
Idaho.....	511	118	97	50	48	73	37	35	25	12	13
Idaho.....	586	134	115	59	56	86	44	41	30	15	15
Wyoming.....	285	61	55	28	27	42	22	20	13	7	7
Colorado.....	1,199	256	215	111	104	164	86	78	51	25	26
New Mexico.....	1,571	158	136	70	66	112	59	53	24	11	13
Arizona.....	704	169	124	64	69	98	50	47	27	14	13
Utah.....	670	168	144	73	70	106	54	51	38	19	19
Nevada.....	164	33	26	13	12	20	10	9	6	3	3
PACIFIC.....											
Washington.....	14,456	2,576	2,190	1,119	1,071	1,659	853	806	531	266	265
Oregon.....	2,463	464	396	203	193	301	156	146	95	47	47
Oregon.....	1,639	297	252	119	113	170	88	82	62	31	31
California.....	10,354	1,814	1,561	797	765	1,188	609	578	374	187	186

See footnotes at end of table.

Table 9.—Population, and number of pupils enrolled in full-time public elementary and secondary day schools, by State, 1947-48—  
Continued  
[Thousands]

STATE, BY REGION	Estimated <sup>1</sup> population, excluding armed forces overseas July 1, 1948	Estimated <sup>1</sup> population 5-17 years inclusive	Total pupils			Elementary pupils (K-8th grade, inclusive)			Secondary pupils (9th grade-Postgraduate, inclusive)		
			Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>Outlying parts of the United States</b>											
Alaska.....		3 21	11	5	5	9	4	4	2	1	1
American Samoa <sup>3</sup> .....			3			2			1		
Canal Zone.....		4 8	8			6			2		
Guam <sup>3</sup> .....			8								
Hawaii.....	533	3 115	85	43	41	60	31	29	25	12	13
Puerto Rico.....	2, 185	3 707	377	199	178	334	177	157	44	22	22
Virgin Islands.....	27	3 8	5								

<sup>1</sup> U. S. Bureau of the Census.

<sup>2</sup> Sex distribution estimated on basis of Washington

<sup>3</sup> Statistics, 1946-47.

<sup>4</sup> Statistics, 1941-42.

Table 10.—Enrollment, by grade, in full-time public day schools, for specified years

Item	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47	1947-48
<b>1</b>												
<b>Total enrollment</b> .....	<b>26,171,103</b>	<b>25,975,108</b>	<b>25,704,325</b>	<b>25,433,542</b>	<b>25,296,138</b>	<b>24,562,473</b>	<b>24,155,146</b>	<b>23,266,616</b>	<b>23,225,784</b>	<b>23,299,941</b>	<b>23,659,158</b>	<b>23,944,532</b>
Elementary schools.....	20,070,368	19,748,174	19,290,136	18,832,098	18,582,225	18,174,668	18,033,080	17,713,096	17,665,594	17,677,744	17,821,481	18,291,227
High schools.....	6,100,735	6,226,934	6,414,189	6,601,444	6,713,913	6,387,805	6,122,066	5,553,520	5,560,190	5,622,197	5,837,677	5,653,305
Number in each grade:												
Kindergarten.....	606,893	607,034	600,841	594,647	613,213	625,783	664,915	697,468	733,974	772,957	872,835	988,680
First.....	3,423,735	3,317,144	3,167,803	3,018,803	2,991,738	2,930,762	2,919,242	2,878,843	2,861,451	2,894,588	2,896,451	2,951,900
Second.....	2,522,070	2,486,550	2,409,813	2,331,076	2,285,614	2,215,100	2,228,945	2,220,739	2,263,706	2,318,502	2,319,772	2,363,477
Third.....	2,484,558	2,444,381	2,387,970	2,331,589	2,263,312	2,175,245	2,179,843	2,162,878	2,173,078	2,190,617	2,204,573	2,258,858
Fourth.....	2,450,679	2,402,617	2,362,242	2,321,867	2,270,749	2,196,732	2,148,889	2,079,788	2,063,552	2,094,352	2,119,377	2,183,171
Fifth.....	2,286,096	2,252,722	2,214,428	2,176,133	2,140,420	2,106,018	2,101,723	2,016,683	2,007,888	2,006,120	2,012,212	2,056,115
Sixth.....	1,771,580	1,723,173	1,700,994	1,676,667	1,655,538	1,624,484	1,611,396	1,597,806	1,590,624	1,910,028	1,907,319	1,939,500
Seventh.....	1,731,047	1,722,125	1,711,569	1,707,667	1,694,791	1,680,982	1,675,247	1,663,942	1,897,743	1,836,897	1,850,394	1,897,740
Eighth.....	1,974,726	1,979,379	1,995,360	2,011,341	2,034,316	2,079,782	2,090,752	1,774,543	1,670,990	1,653,083	1,638,548	1,653,386
First year high school.....	1,644,571	1,669,281	1,718,297	1,767,312	1,792,615	1,927,040	1,897,750	1,519,638	1,429,857	1,728,499	1,761,020	1,672,920
Second year high school.....	1,314,404	1,379,398	1,432,500	1,485,603	1,517,344	1,705,746	1,653,586	1,230,168	1,236,883	1,555,302	1,683,245	1,602,743
Third year high school.....	1,107,487	1,150,506	1,216,121	1,281,795	1,322,641	1,423,141	1,470,319	1,069,611	1,015,959	1,255,907	1,308,592	1,271,645
Postgraduate.....	59,547	48,370	51,911	55,453	46,997	31,090	25,941	19,510	34,618	50,069	64,852	75,192
Percent in each grade:												
<b>Total</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Kindergarten.....	2.3	2.3	2.3	2.3	2.4	2.6	2.7	3.0	3.2	3.3	3.7	4.1
First.....	13.1	12.8	12.3	11.9	11.8	11.9	12.1	12.4	12.4	12.4	12.2	12.3
Second.....	9.7	9.6	9.4	9.2	9.0	9.0	9.2	9.5	9.7	10.0	9.8	9.9
Third.....	9.5	9.4	9.3	9.2	9.0	8.9	9.0	9.3	9.4	9.4	9.3	9.5
Fourth.....	9.4	9.3	9.2	9.1	9.0	8.9	8.9	8.9	9.0	9.0	9.0	9.1
Fifth.....	9.1	9.0	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.6
Sixth.....	8.7	8.7	8.6	8.5	8.5	8.7	8.6	8.6	8.4	8.2	8.1	8.1
Seventh.....	8.3	8.4	8.3	8.3	8.3	8.4	8.4	8.6	8.2	7.9	7.8	7.9
Eighth.....	6.6	6.6	6.7	6.7	6.7	6.8	7.0	7.3	7.2	7.1	7.0	6.9
First year high school.....	7.6	7.6	7.8	7.9	8.1	7.9	7.9	7.6	7.5	7.4	7.5	7.0
Second year high school.....	6.3	6.4	6.7	7.0	7.1	6.9	6.8	6.5	6.6	6.7	6.7	6.3
Third year high school.....	5.0	5.3	5.6	5.8	6.0	5.9	5.9	5.3	5.3	5.4	5.5	5.3
Fourth year high school.....	4.2	4.4	4.7	5.0	5.2	5.2	4.9	4.3	4.4	4.7	4.7	4.7
Postgraduate.....	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2	.3	.3

1 Estimated.

2 Total elementary and high-school enrollment taken from special studies. Distribution, by grade, is estimated.

3 The class in the first grade, 1936-37.

Table 11.—Enrollment, by grade, in full-time public elementary and secondary day schools by State, 1947-48

STATE, BY REGION	KINDERGARTEN AND ELEMENTARY SCHOOL PUPILS										SECONDARY SCHOOL PUPILS						
	Total	Kindergarten	First grade	Second grade	Third grade	Fourth grade	Fifth grade	Sixth grade	Seventh grade	Eighth grade	Total	First year	Second year	Third year	Fourth year	Post-graduate	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>
<b>Continental United States.....</b>																	
<b>NEW ENGLAND.....</b>																	
Maine.....	151,582	118,170	14,343	14,792	13,358	13,206	12,860	12,731	12,520	12,555	11,805	33,412	10,022	8,812	7,673	6,737	168
New Hampshire.....	68,143	2,023	6,040	6,327	5,638	5,810	5,376	5,733	5,376	5,176	4,830	4,215	5,176	4,830	4,215	3,905	130
Vermont.....	56,300	44,239	1,107	6,520	5,979	5,656	5,446	5,092	5,008	4,963	4,408	12,061	3,542	3,139	2,836	2,475	69
Massachusetts.....	590,827	427,779	30,680	60,643	52,057	49,814	48,680	47,394	46,178	46,994	44,163	45,350	44,163	43,541	39,308	34,341	1,695
Rhode Island.....	94,062	70,015	6,631	9,062	8,189	7,957	7,698	7,463	7,350	7,849	7,516	24,047	7,119	6,546	5,159	5,223	
Connecticut.....	257,767	190,236	25,333	25,655	21,902	20,997	20,714	19,591	18,896	18,870	18,278	67,531	18,677	17,833	16,061	14,052	908
<b>MIDDLE ATLANTIC.....</b>																	
New York.....	4,067,706	2,893,993	242,143	403,256	340,522	328,053	321,822	314,112	305,577	338,782	299,726	1,173,713	348,904	324,683	262,532	232,141	5,453
New Jersey.....	1,922,084	1,352,006	135,571	183,997	156,702	147,166	145,323	141,746	137,322	167,132	137,047	570,078	174,482	160,937	121,615	108,877	4,167
Pennsylvania.....	630,960	457,415	51,595	73,827	51,193	49,175	48,445	47,057	45,680	46,783	43,680	173,833	44,597	46,198	40,162	37,062	516
	1,514,672	1,084,372	34,977	143,432	132,627	131,712	128,054	125,309	122,565	124,867	119,029	430,100	124,825	117,548	100,753	86,202	770
<b>EAST NORTH CENTRAL.....</b>																	
Ohio.....	4,436,258	3,266,542	292,841	461,628	403,798	385,443	378,622	354,654	340,691	333,166	315,699	1,169,716	313,387	293,719	259,239	240,295	63,076
Indiana.....	1,151,913	860,082	48,238	125,203	112,634	107,570	102,150	96,464	91,259	91,586	84,978	291,831	82,860	78,357	68,614	62,000	---
Illinois.....	638,237	488,791	20,950	72,511	64,306	60,577	60,311	55,780	52,994	52,477	48,885	169,446	48,149	44,033	38,261	35,988	3,015
Michigan.....	1,137,268	827,092	78,848	119,113	99,830	94,656	95,636	89,056	86,715	82,397	80,841	310,176	81,499	78,225	68,590	63,959	17,903
Wisconsin.....	998,045	738,103	105,079	99,025	85,902	82,318	80,972	75,497	72,617	71,029	65,664	245,637	63,577	56,970	50,660	46,636	42,599
	490,795	352,474	39,726	45,776	41,126	40,322	39,553	37,857	37,106	35,677	35,331	138,321	37,302	36,134	33,114	31,712	---
<b>WEST NORTH CENTRAL.....</b>																	
Minnesota.....	2,354,861	1,760,880	108,724	259,735	219,692	212,373	206,553	199,772	187,957	189,175	176,899	593,981	167,948	151,732	143,372	129,340	1,589
Iowa.....	480,126	353,329	25,284	40,230	44,907	42,602	41,790	39,356	37,672	36,546	35,942	126,797	34,468	32,919	30,103	28,026	1,281
Missouri.....	464,499	351,230	26,847	59,929	41,475	40,689	39,659	37,703	36,450	35,161	33,317	113,269	31,130	29,307	27,333	25,457	42
North Dakota.....	623,757	478,340	21,279	73,313	61,818	59,459	56,669	56,939	49,135	53,804	45,924	145,417	44,818	35,555	35,615	29,429	---
South Dakota.....	112,629	85,620	88	12,942	10,271	10,736	10,734	10,264	10,229	10,206	9,952	20,009	7,966	6,904	6,387	5,822	---
Nebraska.....	114,510	85,299	2,701	11,748	10,951	10,354	10,348	10,023	9,631	9,252	9,252	29,211	7,965	7,627	7,040	6,579	---
Kansas.....	225,525	161,296	15,522	20,210	19,033	18,999	18,311	18,003	17,451	17,041	16,736	64,229	17,421	16,541	15,711	14,556	---
	333,815	245,766	17,003	33,213	30,251	29,534	29,052	27,802	26,942	26,486	25,783	88,049	24,250	22,879	21,183	19,471	266
<b>SOUTH ATLANTIC.....</b>																	
Delaware.....	3,841,828	3,103,248	31,481	554,461	441,906	417,992	403,540	375,353	346,891	322,513	209,051	738,580	246,810	201,181	163,423	126,009	1,097
Maryland.....	43,520	32,556	4,222	4,953	4,320	4,054	4,002	3,670	3,670	3,775	3,379	3,106	3,176	3,106	2,511	2,174	---
District of Columbia.....	302,416	246,118	9,979	35,864	34,830	31,198	28,524	26,709	24,955	22,150	22,150	56,298	19,577	11,262	12,482	12,928	49
	97,514	72,383	9,879	10,459	8,516	7,910	7,546	7,201	7,201	7,201	7,284	6,849	7,320	7,016	5,774	4,983	38



STATE SCHOOL SYSTEMS

Virginia.....	560,975	445,345	5,051	78,271	67,123	63,634	61,581	56,839	52,441	46,653	13,752	115,630	38,754	31,837	24,443	20,096
West Virginia.....	423,250	336,206	---	56,036	45,851	44,058	42,939	40,794	37,982	36,730	31,816	67,046	27,761	23,219	19,104	16,623
North Carolina.....	838,271	684,572	---	113,009	93,058	90,109	88,148	84,544	79,080	73,267	63,447	163,699	55,056	44,947	35,246	28,230
South Carolina.....	488,810	397,344	---	82,063	56,411	51,446	49,084	46,088	43,021	40,076	31,790	61,466	24,056	19,795	16,044	1,571
Georgia.....	699,464	568,133	4,060	120,338	87,127	82,450	77,613	69,849	63,676	57,720	5,900	131,331	44,833	35,588	28,068	22,551
Florida.....	407,605	320,591	2,090	53,438	44,730	42,422	40,730	37,602	35,573	34,038	29,968	87,014	26,173	24,141	19,751	16,949
EAST SOUTH CENTRAL.....	2,340,796	1,952,219	5,179	403,529	268,666	253,787	244,888	222,147	204,897	183,183	165,943	388,577	129,062	105,934	82,959	70,622
Kentucky.....	546,077	457,441	5,179	91,084	65,941	60,415	57,368	49,715	47,792	39,459	40,488	88,636	28,205	24,968	18,544	16,919
Tennessee.....	628,489	518,910	---	97,541	70,917	68,080	66,677	61,174	56,332	52,277	45,912	109,529	37,627	28,801	23,236	19,865
Alabama.....	646,874	531,644	---	90,288	73,547	69,840	67,347	63,683	58,777	54,259	44,903	115,230	38,067	31,643	25,106	20,414
Mississippi.....	519,406	444,224	---	115,616	58,261	55,452	53,496	47,575	41,996	37,188	34,640	75,182	25,163	20,522	16,073	13,424
WEST SOUTH CENTRAL.....	2,581,233	2,055,169	18,425	393,164	283,386	269,444	257,838	237,425	219,761	203,534	172,192	526,064	165,850	142,429	108,883	108,641
Arkansas.....	403,708	329,940	---	66,818	44,315	42,426	41,180	37,808	35,137	32,832	29,364	73,786	24,137	19,949	15,030	13,752
Louisiana.....	442,411	376,090	5,063	71,690	53,989	51,800	48,746	43,037	38,497	34,281	28,897	66,351	23,806	19,808	14,429	16,117
Oklahoma.....	436,074	350,008	7,101	89,236	43,828	43,786	42,636	40,451	37,497	34,600	30,066	106,066	32,076	28,417	24,381	21,111
Texas.....	1,279,040	999,161	6,261	195,420	139,254	131,372	125,276	116,069	107,254	98,924	79,331	279,879	83,361	74,265	64,143	57,661
TEXAS.....	913,220	699,471	31,448	105,729	92,274	88,542	85,762	80,367	75,729	72,024	67,596	213,749	63,111	55,115	50,540	44,775
MONTAIN.....	97,465	72,679	1,230	10,885	9,752	9,440	8,958	8,526	8,395	7,934	7,559	24,786	6,968	6,357	5,972	5,462
Idaho.....	115,497	85,620	---	12,778	11,796	11,019	10,771	10,407	9,920	9,654	9,275	29,877	8,519	7,821	7,166	6,370
Wyoming.....	54,776	41,730	1,568	6,196	5,594	5,423	5,195	4,790	4,601	4,331	4,032	13,046	3,912	3,375	3,018	2,721
Colorado.....	215,355	164,486	10,623	23,354	20,963	20,214	19,632	18,623	17,758	17,120	16,199	50,869	14,672	13,678	12,012	10,455
New Mexico.....	136,097	111,751	8,667	16,172	14,956	14,474	13,986	12,720	11,351	10,369	9,056	24,346	7,869	6,709	5,421	4,347
Arizona.....	124,413	97,836	2,828	18,422	13,337	12,715	11,883	11,091	9,847	9,262	8,451	26,577	8,703	7,141	5,658	5,032
Utah.....	143,657	105,500	4,887	13,310	12,837	12,934	12,175	11,630	11,546	11,301	10,381	38,157	10,631	8,366	9,955	9,140
Nevada.....	25,960	19,869	1,645	3,342	2,566	2,420	2,403	2,035	1,927	1,808	1,723	6,091	1,837	1,668	1,338	1,248
PACIFIC.....	2,189,949	1,659,379	178,042	246,011	205,361	199,554	182,934	173,204	162,387	158,399	153,487	530,570	149,419	143,239	125,445	112,189
Washington.....	396,094	300,327	27,068	42,019	38,101	36,696	34,855	33,033	31,023	29,238	28,781	94,707	27,312	25,365	22,324	19,428
Oregon.....	292,084	170,227	5,288	21,693	20,693	21,969	21,223	19,813	18,983	18,238	17,765	62,262	18,058	16,687	14,963	12,554
California.....	1,591,366	1,187,765	145,686	179,667	144,567	140,889	126,856	120,355	112,471	110,333	106,941	373,601	104,049	101,187	88,158	80,207
Outlying parts of the United States.....	10,578	8,635	319	1,380	1,182	1,140	1,103	1,055	902	812	742	1,943	631	516	430	345
Alaska.....	3,140	2,485	---	860	841	727	713	663	581	462	722	1,633	498	472	426	237
American Samoa.....	8,081	6,448	879	---	---	---	---	---	---	---	---	---	---	---	---	---
Guam.....	7,594	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hawaii.....	84,923	60,274	2,813	7,777	7,431	7,424	7,064	6,908	6,043	6,878	6,936	24,649	6,537	6,576	5,648	5,234
Puerto Rico.....	377,296	333,511	---	74,441	61,748	52,712	43,350	32,820	27,006	27,831	18,003	43,785	16,337	12,208	9,027	6,213
Virgin Islands.....	4,548	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

\* Statistics, 1946-47.

Includes postgraduate, special, and ungraded pupils.



Table 12.—Number of public high-school graduates, and data pertaining to summer schools and adult education classes, by State 1947-48

STATE, BY REGION	PUBLIC HIGH-SCHOOL GRADUATES			SUMMER SCHOOLS			ADULT EDUCATION CLASSES		
	Total	Boys	Girls	Teachers	Enrollment	Expenditures	Teachers	Enrollment	Expenditures
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>Continental United States.....</b>	<b>1,073,178</b>	<b>507,649</b>	<b>565,529</b>				<b>33,521</b>	<b>1,990,005</b>	
NEW ENGLAND.....	65,128	30,522	34,606				1,966	66,952	
Maine.....	6,985	2,990	3,995				174	3,910	\$99,598
New Hampshire.....	3,778	1,778	2,000	20	500	\$8,000	78	2,632	
Vermont.....	2,423	1,192	1,231				109	2,174	
Massachusetts.....	33,892	15,802	18,090	96	2,925		937	53,813	638,244
Rhode Island.....	4,795	2,322	2,473				85	2,053	50,553
Connecticut.....	13,915	6,508	7,407				587	23,361	301,473
<b>MIDDLE ATLANTIC.....</b>	<b>222,856</b>	<b>106,777</b>	<b>116,079</b>	<b>2,156</b>	<b>62,233</b>		<b>6,519</b>	<b>253,841</b>	
New York.....	102,797	50,109	52,688	1,468	44,063		3,986	176,007	1,571,852
New Jersey.....	34,560	16,578	17,982	458	11,853	158,198	1,273	34,212	1,716,337
Pennsylvania.....	85,499	40,090	45,409	230	6,317		1,260	43,622	
<b>EAST NORTH CENTRAL.....</b>	<b>233,859</b>	<b>110,513</b>	<b>123,346</b>				<b>5,836</b>	<b>298,621</b>	
Ohio.....	61,070	29,234	31,836	546	20,718	194,131	1,135	46,082	
Indiana.....	32,566	16,197	16,369	351	8,746		430	26,213	
Illinois.....	62,849	30,601	32,248				682	35,279	
Michigan.....	46,636	20,110	26,526				1,139	72,552	
Wisconsin.....	30,738	14,371	16,367			70,307	2,450	118,495	4,481,564
<b>WEST NORTH CENTRAL.....</b>	<b>123,390</b>	<b>58,758</b>	<b>64,632</b>				<b>2,249</b>	<b>122,900</b>	
Minnesota.....	26,512	12,180	14,332						
Iowa.....	24,663	11,875	12,788	61	3,064		682	28,443	
Missouri.....	27,795	13,426	14,369				545	35,818	
North Dakota.....	2,287	3,308					314	30,199	
South Dakota.....	6,132	2,782	3,350	100			100	3,194	
Nebraska.....	14,125	6,934	7,191	60			60	2,121	
Kansas.....	18,573	9,274	9,299	244			244	15,089	
				304			304	8,036	

STATE SCHOOL SYSTEMS

	117, 672	52, 264	65, 408			0, 577	402, 992	
<b>SOUTH ATLANTIC</b>								
Delaware.....	2, 413	1, 246	1, 167	81	3, 686	123	4, 026	11, 631
Maryland.....	11, 920	5, 390	6, 530	302	9, 900	609	29, 127	1, 284, 933
District of Columbia.....	4, 244	1, 938	2, 286	565	12, 893	285	16, 151	387, 540
Virginia.....	21, 307	9, 232	12, 075			1, 577	68, 478	1, 444, 190
West Virginia.....	13, 794	7, 120	8, 074			276	45, 871	125, 677
North Carolina.....	26, 025	10, 936	15, 089			297	35, 761	1, 738, 632
South Carolina.....	2, 948	1, 201	1, 347			1, 955	82, 407	180, 826
Georgia.....	18, 153	7, 866	10, 287			849	90, 919	180, 826
Florida.....	15, 268	7, 315	7, 953	34	804	506	20, 592	1, 012, 452
<b>EAST SOUTH CENTRAL</b>								
Kentucky.....	64, 662	27, 935	36, 727			1, 514	134, 110	1, 600, 894
Tennessee.....	16, 089	7, 355	8, 734			306	31, 822	5, 053, 861
Alabama.....	18, 372	8, 115	10, 257			417	33, 843	352, 449
Mississippi.....	3 18, 622	8, 013	10, 609			668	22, 023	
	3 11, 579	4, 452	7, 127			123	46, 422	
<b>WEST SOUTH CENTRAL</b>								
Arkansas.....	13, 132	6, 135	6, 997			2, 735	206, 440	23, 835
Louisiana.....	13, 806	6, 120	7, 746			664	34, 459	
Oklahoma.....	20, 744	10, 253	10, 491			555	27, 887	
Texas.....	52, 732	25, 186	27, 546			1, 347	124, 552	
<b>MOUNTAIN</b>								
Montana.....	41, 903	20, 460	21, 443			1, 196	63, 186	
Idaho.....	4, 993	2, 564	2, 429			67	3, 946	
Wyoming.....	6, 474	3, 213	3, 261			60	1, 942	
Colorado.....	2, 682	1, 347	1, 335			58	1, 832	
New Mexico.....	10, 174	4, 902	5, 272			310	17, 837	
Arizona.....	3, 747	1, 752	1, 995			95	1, 835	
Utah.....	4, 317	2, 038	2, 259			130	6, 333	
Nevada.....	8, 384	4, 052	4, 352	16	562	438	28, 080	202, 682
	1, 132	572	560			38	1, 375	692
<b>PACIFIC</b>								
Washington.....	103, 234	52, 726	50, 508			4, 929	440, 963	
Oregon.....	18, 267	9, 116	9, 151			988	113, 830	
California.....	12, 060	6, 064	5, 996			406	14, 009	
	72, 907	37, 546	35, 361			3, 535	312, 524	
<b>Outlying parts of the United States</b>								
Alaska.....	252	126	126			10	222	7, 455
Canal Zone.....	266	132	134			112	3, 913	108, 168
Hawaii.....	4, 498	1, 933	2, 565			428	13, 820	251, 077
Puerto Rico.....	5, 617	2, 750	2, 867	280	4, 585			

<sup>4</sup> Sex estimated on basis of twelfth-grade enrollment.  
<sup>5</sup> Estimated on basis of 1945-46 data.  
<sup>6</sup> Davis County kindergarten.

<sup>1</sup> Includes summer school.  
<sup>2</sup> Statistics, 1946-47.  
<sup>3</sup> Sex estimated on basis of 1945-46 data.

Table 13.—Percent of total population aged 5-17 enrolled in full-time public elementary and secondary day schools, by State, for specified years

STATE, BY REGION	PERCENT OF TOTAL POPULATION ENROLLED										PERCENT OF CHILDREN 5-17 ENROLLED												
	1870-71	1870-80	1889-90	1890-1900	1900-10	1909-10	1919-20	1929-30	1939-40	1945-46	1947-48	1870-71	1870-80	1889-90	1890-1900	1900-10	1909-10	1919-20	1929-30	1939-40	1943-44	1947-48	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	21	21	21
Continental United States.....	19.1	19.7	20.3	20.5	19.4	20.4	20.9	19.3	16.7	16.4	61.5	65.5	68.6	72.4	73.5	77.8	81.3	85.3	80.4	80.4	80.4	79.4	79.4
NEW ENGLAND:																							
Maine.....	24.3	23.1	21.1	18.9	19.5	17.9	19.4	19.3	16.7	16.9	87.4	89.8	85.9	81.4	84.9	76.3	78.9	82.3	79.0	82.3	79.0	77.7	77.7
New Hampshire.....	22.4	18.5	15.9	16.0	14.9	14.5	16.0	15.4	13.0	13.0	91.3	81.3	71.3	74.0	67.0	64.3	68.0	72.2	67.8	72.2	67.8	67.5	67.5
Vermont.....	19.8	22.6	19.7	19.2	18.7	17.9	18.3	18.1	15.0	15.5	87.2	87.2	87.2	82.2	80.4	73.4	75.3	78.6	73.5	73.5	73.5	71.3	71.3
Massachusetts.....	18.3	17.2	16.6	16.9	15.9	16.2	17.9	16.2	12.8	12.7	72.3	71.8	72.6	76.2	71.3	71.3	76.0	78.6	74.3	69.7	69.7	69.7	69.7
Rhode Island.....	15.1	14.7	15.3	15.7	14.8	15.5	17.3	16.0	12.7	12.6	59.2	59.6	62.7	66.8	63.8	65.4	69.9	75.8	67.3	70.2	70.2	70.2	70.2
Connecticut.....	20.8	19.2	17.0	17.0	17.3	18.9	19.9	16.4	12.8	13.0	80.8	77.0	72.0	74.5	74.4	80.3	79.3	80.7	74.9	74.9	74.9	72.6	72.6
MIDDLE ATLANTIC:																							
New York.....	23.2	20.3	17.4	16.6	15.6	16.6	17.0	16.5	13.7	13.5	83.0	77.1	70.7	69.6	68.7	72.8	76.7	86.0	80.7	80.7	80.7	77.7	77.7
New Jersey.....	18.3	18.1	16.2	17.1	17.0	18.8	19.6	17.2	14.3	13.2	63.2	64.8	62.2	68.5	70.6	77.4	80.4	85.2	78.4	78.4	78.4	76.7	76.7
Pennsylvania.....	23.2	21.9	19.4	18.3	16.7	18.5	20.1	18.7	15.1	14.5	76.4	74.4	69.5	68.9	67.2	71.5	76.0	82.2	75.3	75.3	75.3	73.1	73.1
EAST NORTH CENTRAL:																							
Ohio.....	26.5	22.8	21.7	19.9	17.6	17.7	19.2	17.6	14.9	14.7	84.0	76.7	76.5	75.4	74.4	76.6	79.9	84.3	78.7	78.7	78.7	76.1	76.1
Indiana.....	26.3	25.0	23.4	22.4	19.7	19.3	20.6	19.6	17.2	16.8	78.6	82.4	79.2	81.1	78.7	79.4	85.2	90.4	88.5	88.5	88.5	83.2	83.2
Illinois.....	24.0	22.9	20.3	19.9	17.8	17.4	18.3	15.8	13.9	13.6	81.0	74.6	72.0	72.7	72.3	72.1	78.9	80.4	74.8	74.8	74.8	74.8	74.8
Michigan.....	24.0	22.2	20.4	20.9	19.3	18.9	20.0	18.4	15.6	16.1	79.7	78.1	73.5	77.1	78.3	78.3	81.2	83.0	75.1	75.1	75.1	77.0	77.0
Wisconsin.....	24.6	22.8	20.9	21.5	19.9	17.7	19.2	17.1	13.3	14.9	72.9	73.8	69.8	72.5	72.3	68.2	75.8	76.4	74.4	74.4	74.4	72.4	72.4
WEST NORTH CENTRAL:																							
Minnesota.....	24.5	23.1	21.6	22.8	21.2	21.1	21.5	18.3	16.4	16.4	75.9	75.9	74.6	77.6	78.3	81.8	84.0	82.9	82.9	82.9	82.9	80.3	80.3
Iowa.....	28.2	26.2	25.8	25.4	23.1	21.4	22.4	19.8	18.1	17.8	84.4	83.5	80.1	89.1	87.4	86.1	90.1	91.8	82.0	82.0	82.0	82.0	82.0
Missouri.....	18.7	22.3	23.2	23.2	21.5	19.8	18.1	18.5	16.6	16.0	56.9	68.9	74.4	78.6	82.2	78.3	86.2	84.1	81.0	81.0	81.0	81.0	81.0
North Dakota.....	9.3	10.2	19.5	24.3	24.2	26.0	24.9	21.9	21.3	19.3	39.3	41.7	71.3	81.3	86.1	84.6	83.0	83.6	84.0	84.0	84.0	81.8	81.8
South Dakota.....	(?)	(?)	23.7	24.6	21.3	23.9	21.3	20.8	18.7	(?)	(?)	(?)	(?)	81.0	79.5	82.9	84.7	86.1	84.9	84.9	84.9	81.8	81.8
Nebraska.....	16.5	20.5	22.7	20.7	23.7	24.1	23.6	21.0	18.0	17.6	58.8	68.5	75.4	89.5	87.0	90.9	88.0	91.4	88.0	88.0	86.7	86.7	
Kansas.....	22.3	23.2	23.0	26.5	23.7	23.0	22.9	20.9	18.1	17.6	74.2	73.2	88.6	89.2	89.2	87.9	90.5	93.7	92.1	92.1	92.1	89.7	89.7
SOUTH ATLANTIC:																							
Delaware.....	15.8	19.0	18.7	20.0	14.3	16.3	17.8	16.5	14.5	14.5	46.7	65.2	66.2	75.3	71.8	73.3	73.5	80.8	72.3	72.3	72.3	75.0	75.0
Maryland.....	14.6	17.4	17.7	18.7	18.4	16.7	17.0	15.7	13.2	14.0	50.0	58.1	60.4	67.0	70.1	66.9	68.9	72.8	66.0	66.0	66.0	73.0	73.0
District of Columbia.....	11.2	14.9	16.0	16.7	16.9	14.9	16.6	14.4	11.2	11.3	41.6	45.0	63.1	76.8	84.7	84.3	91.9	90.7	64.0	64.0	64.0	75.6	75.6
Virginia.....	10.5	14.6	20.7	20.0	19.6	21.9	23.2	18.4	14.4	18.4	32.3	45.0	60.5	63.2	64.2	73.3	78.6	82.2	75.5	75.5	75.5	80.6	80.6
West Virginia.....	16.9	23.1	25.3	24.2	23.7	22.9	23.8	22.3	22.1	49.5	49.2	69.2	78.6	78.6	78.2	79.8	76.0	86.3	82.0	82.0	84.8	84.8	
North Carolina.....	10.5	18.1	19.9	21.1	23.6	27.0	27.3	24.8	22.3	22.3	55.9	56.4	63.6	63.6	73.4	82.4	84.1	86.3	84.5	84.5	85.5	85.5	
South Carolina.....	9.1	13.5	17.5	21.0	22.4	28.4	27.0	25.3	23.5	22.1	40.6	47.1	60.7	60.7	67.3	73.0	83.0	86.2	85.7	85.7	82.8	82.8	
Georgia.....	4.1	15.3	20.8	21.8	22.1	23.9	24.5	23.6	22.2	23.1	11.9	46.2	58.5	65.3	66.7	74.0	79.7	88.1	83.6	83.6	85.6	85.6	
Florida.....	7.2	15.6	23.6	20.6	19.7	23.2	23.6	19.3	16.2	16.8	21.2	44.2	71.1	66.6	68.5	82.6	91.5	80.6	78.7	78.7	82.0	82.0	

EAST SOUTH CENTRAL:																		
Kentucky	13.2	16.7	21.5	23.3	21.7	22.2	22.5	21.2	19.2	19.1	65.6	75.3	73.5	76.2	78.1	79.5	74.6	76.4
Tennessee	10.9	19.5	25.3	24.0	26.5	24.0	22.2	22.2	19.8	19.8	58.2	75.1	73.5	87.6	83.5	85.6	82.1	81.5
Alabama	13.9	14.2	19.9	20.6	19.9	24.3	23.5	24.2	22.7	22.3	40.4	42.6	69.5	74.1	76.2	85.2	81.3	83.7
Mississippi	13.7	20.9	25.9	24.9	26.1	23.1	23.6	27.2	26.4	24.6	61.3	73.3	80.2	69.8	97.1	97.2	92.0	88.9
WEST SOUTH CENTRAL:																		
Arkansas	13.7	10.2	19.8	24.0	25.3	27.6	24.6	23.8	20.9	20.8	55.4	71.0	80.1	85.7	81.5	87.0	82.1	79.8
Louisiana	7.7	8.3	10.8	14.2	16.0	19.7	20.7	20.0	17.3	17.1	30.8	43.6	40.8	63.5	71.7	76.3	70.1	70.3
Oklahoma	7.3	13.8	20.9	21.6	21.1	22.2	22.5	26.2	20.7	19.9	25.9	79.8	83.1	92.6	98.2	101.2	86.7	86.4
Texas	7.3	13.8	20.9	21.6	21.1	22.2	22.5	26.2	20.7	17.9	42.4	59.5	67.3	73.4	80.4	82.8	78.9	76.9
MOUNTAIN:																		
Montana	7.5	10.9	12.9	16.2	17.6	23.1	22.4	19.2	20.0	19.1	63.8	71.1	81.7	92.2	85.3	85.0	84.2	82.6
Idaho	5.6	17.9	17.0	22.7	23.4	26.7	27.2	23.0	23.0	19.7	46.1	62.7	88.7	94.8	95.1	93.7	92.8	86.2
Wyoming	4.6	14.0	11.6	15.7	16.9	22.2	24.1	22.4	20.5	19.2	77.4	54.5	81.6	91.6	94.3	97.1	93.6	89.8
Colorado	9.3	11.4	15.9	21.8	21.1	23.4	23.2	19.7	18.1	18.0	60.8	72.2	88.2	90.3	92.2	87.5	82.6	84.1
New Mexico	1.4	4.0	11.9	18.8	17.2	22.6	24.1	24.8	24.3	23.8	4.4	13.3	42.3	61.4	59.3	80.2	86.7	80.0
Arizona	10.4	13.4	13.4	15.4	15.4	22.9	23.8	22.0	17.4	17.7	53.2	52.7	51.9	62.5	88.0	84.8	88.4	73.6
Utah	18.6	16.9	17.9	26.4	24.6	26.1	27.2	28.4	22.2	21.4	53.4	50.6	81.0	84.5	87.2	89.8	91.7	85.5
Nevada	7.0	14.5	16.1	15.8	11.1	18.2	19.8	18.7	18.2	15.8	79.7	73.8	74.1	75.9	94.9	100.4	89.8	78.7
PACIFIC:																		
Washington	18.6	19.7	16.0	22.2	19.0	21.5	22.1	19.0	17.1	16.1	69.0	72.4	86.2	94.1	96.5	98.4	100.6	85.4
Oregon	21.6	21.5	20.2	21.6	17.6	19.3	21.2	17.3	15.4	14.2	67.7	75.0	84.1	80.2	94.5	90.8	87.3	78.3
California	15.6	18.4	18.4	18.2	15.5	20.3	18.8	17.1	15.0	15.1	63.6	73.4	79.7	102.5	93.8	95.9	89.7	86.1
Outlying parts of the United States																		
Alaska						6.1	5.8	8.6	9.9					26.8		38.4	32.5	50.4
American Samoa						15.3	18.0	22.1	17.6							62.5		
Canal Zone								12.8	16.0							89.5	83.0	
Guam							19.4	21.0	29.6							71.0	62.2	
Hawaii																		
Puerto Rico						16.2	19.5	21.0	18.1	15.9						64.0	77.0	73.8
Virgin Islands						13.9	14.3	16.2	16.8	17.3						41.7	47.8	53.4
						13.9	13.9	14.2	16.5	16.8						50.7	55.9	56.8

<sup>1</sup> Enrollment figures from report of the Bureau of the Census.  
<sup>2</sup> Included in report of North Dakota.

<sup>3</sup> Pupils of legal school age.  
<sup>4</sup> Includes tourist and migrant students.



Table 14.—Average daily attendance, aggregate days attended, and average membership in full-time public elementary and secondary day schools, by State, 1947-48

[Thousands]

STATE, BY REGION	AVERAGE DAILY ATTENDANCE			AGGREGATE NUMBER OF DAYS ATTENDED			AVERAGE MEMBERSHIP		
	Total	Elementary	Secondary	Total	Elementary	Secondary	Total	Elementary	Secondary
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>Continental United States.....</b>	<b>20,910</b>	<b>14,991</b>	<b>5,919</b>	<b>3,713,333</b>	<b>2,649,899</b>	<b>1,063,434</b>			
NEW ENGLAND.....	1,089	731	358	194,642	130,227	64,416			
Maine.....	140	108	32	25,131	19,344	5,787			
New Hampshire.....	62	46	16	10,900	7,991	2,910	66	49	17
Vermont.....	53	38	16	9,099	6,397	2,702			
Massachusetts.....	521	328	192	93,097	58,437	34,661	563		
Rhode Island.....	81	51	31	14,620	9,118	5,501	88	55	33
Connecticut.....	291	160	71	41,795	28,940	12,855	252	170	76
<b>MIDDLE ATLANTIC.....</b>	<b>3,543</b>	<b>2,395</b>	<b>1,148</b>	<b>648,939</b>	<b>435,279</b>	<b>213,659</b>			
New York.....	1,628	1,163	465	298,167	209,612	88,556			
New Jersey.....	554	376	177	101,443	68,927	32,515	606	415	192
Pennsylvania.....	1,361	855	506	249,329	156,740	92,588	1,461	921	540
<b>EAST NORTH CENTRAL.....</b>	<b>3,929</b>	<b>2,782</b>	<b>1,147</b>	<b>708,432</b>	<b>500,360</b>	<b>208,072</b>			
Ohio.....	1,046	780	265	187,014	139,015	48,000	1,120	837	284
Indiana.....	563	390	164	96,137	67,650	28,487			
Illinois.....	989	713	276	184,614	132,709	51,905			
Michigan.....	897	583	313	161,398	105,014	56,384	985	633	352
Wisconsin.....	444	315	130	79,269	55,973	23,296			
<b>WEST NORTH CENTRAL.....</b>	<b>2,026</b>	<b>1,454</b>	<b>572</b>	<b>355,748</b>	<b>254,089</b>	<b>101,659</b>			
Minnesota.....	414	269	146	71,488	46,204	25,284			
Iowa.....	402	293	103	71,427	53,240	18,187	469		
Missouri.....	592	401	190	96,866	72,684	24,182			
North Dakota.....	101	77	24	17,194	13,084	4,116	106		
South Dakota.....	101	74	27	17,621	12,795	4,826			
Nebraska.....	200	141	58	35,694	23,173	10,461			
Kansas.....	276	193	84	45,649	30,944	14,705			



SOUTH ATLANTIC.....									
Delaware.....	38	2,478	865	595,857	440,620	155,236	41	25	16
Maryland.....	266	177	15	6,743	4,110	2,633	282	196	97
District of Columbia.....	85	31	34	49,363	8,793	16,565			
Virginia.....	497	374	123	14,766	5,793	5,973	539	407	131
West Virginia.....	380	252	118	89,387	45,268	22,099	405	281	124
North Carolina.....	731	607	144	65,657	109,193	20,389	816	662	154
South Carolina.....	375	289	86	135,108	50,215	25,915			
Georgia.....	582	453	130	65,628	50,413	15,413			
Florida.....	370	243	127	102,542	79,227	23,315			
			130	66,664	43,728	22,935			
EAST SOUTH CENTRAL.....									
	2,011	1,557	454	341,537	262,100	79,437			
Kentucky.....									
	455	351	104	77,988	59,568	18,420	518	406	112
Tennessee.....	548	1,453	196	96,737	179,877	16,860			
Alabama.....	552	366	185	97,283	64,587	32,696			
Mississippi.....	456	387	69	69,530	58,068	11,461			
WEST SOUTH CENTRAL.....									
	2,200	1,691	510	381,710	292,793	88,917			
Arkansas.....									
	344	241	103	58,461	40,587	17,874	377	307	71
Louisiana.....	381	324	57	66,240	56,145	10,104	419	358	61
Oklahoma.....	400	296	104	69,904	51,748	18,246			
Texas.....	1,075	830	245	187,005	144,312	42,693	1,175		
MOUNTAIN.....									
	798	590	209	139,682	103,093	36,589			
Montana.....									
	87	64	22	15,329	11,394	3,934	91	68	23
Idaho.....	103	73	30	17,634	12,549	5,086	106	75	31
Wyoming.....	48	37	11	7,913	5,955	1,958			
Colorado.....	185	141	44	32,751	25,015	7,736	197		
New Mexico.....	108	88	20	19,493	15,847	3,646			
Arizona.....	112	89	23	19,271	15,261	4,010	121	96	25
Utah.....	133	80	53	23,211	13,945	9,266	142	85	57
Nevada.....	23	18	5	4,080	3,128	953			
PACIFIC.....									
	1,971	1,314	656	346,786	231,338	115,448			
Washington.....									
	324	219	105	58,025	39,296	18,759			
Oregon.....	206	145	61	36,624	25,749	10,875	221	156	65
California <sup>1</sup> .....	1,441	950	490	252,138	166,324	85,814			
Outlying parts of the United States									
Alaska.....	8	7	2	1,458	1,186	272	9	6	2
Canal Zone.....	7	6	2	1,391	1,103	288	8	8	2
Hawaii.....	79	156	123	14,027	19,955	14,072	83	59	24
Puerto Rico.....	338	282	75	64,190	49,858	14,332	361	281	80

<sup>1</sup> Elementary and secondary break-down estimated on basis of enrollment.<sup>2</sup> Pupils counted present when sick.

Table 15.—Average daily attendance in full-time public elementary and secondary day schools, for specified years  
[Thousands]

STATE, BY REGION	1870-71 1	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1943-44	1947-48
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
<b>Continental United States.....</b>	<b>4, 545</b>	<b>6, 144</b>	<b>8, 154</b>	<b>10, 633</b>	<b>12, 827</b>	<b>16, 150</b>	<b>21, 265</b>	<b>22, 042</b>	<b>19, 603</b>	<b>20, 910</b>
NEW ENGLAND.....	480	535	577	717	862	1, 018	1, 315	1, 258	1, 061	1, 089
Maine.....	100	103	98	98	107	116	138	149	140	140
New Hampshire.....	48	49	42	47	53	58	66	67	62	62
Vermont.....	44	49	46	47	52	50	58	56	48	53
Massachusetts.....	202	233	274	366	444	520	676	630	518	521
Rhode Island.....	22	27	34	47	61	73	103	100	81	81
Connecticut.....	63	74	84	112	147	205	274	236	217	231
MIDDLE ATLANTIC.....	1, 148	1, 290	1, 459	1, 920	2, 448	3, 104	4, 190	4, 222	3, 409	3, 543
New York.....	494	573	643	857	1, 123	1, 362	1, 866	1, 920	1, 587	1, 628
New Jersey.....	87	115	133	208	324	476	663	635	540	554
Pennsylvania.....	567	602	683	855	1, 001	1, 266	1, 661	1, 668	1, 372	1, 361
EAST NORTH CENTRAL.....	1, 394	1, 626	1, 912	2, 449	2, 612	3, 112	4, 260	4, 154	3, 785	3, 929
Ohio.....	432	476	549	616	649	809	1, 141	1, 122	1, 001	1, 046
Indiana.....	295	322	342	430	421	457	590	590	569	553
Illinois.....	342	432	538	738	779	956	1, 204	1, 093	951	989
Michigan.....	193	1 240	1 282	355	443	521	1, 845	862	831	897
Wisconsin.....	132	156	200	1 310	320	369	473	487	433	444
WEST NORTH CENTRAL.....	518	826	1, 276	1, 632	1, 852	2, 101	2, 410	2, 309	1, 983	2, 026
Minnesota.....	51	178	127	243	348	395	457	454	388	414
Iowa.....	212	260	306	373	360	406	465	437	383	402
Missouri.....	187	1 281	395	460	490	551	576	599	531	532
North Dakota.....	1	1 9	21	128	90	128	149	120	100	101
South Dakota.....	( <sup>1</sup> )	( <sup>1</sup> )	48	1 68	191	89	139	120	98	101
Nebraska.....	14	60	146	182	191	233	259	243	200	200
Kansas.....	53	138	243	262	291	310	365	331	283	276
SOUTH ATLANTIC.....	368	777	1, 127	1, 344	1, 688	2, 301	2, 969	3, 370	3, 131	3, 243
Delaware.....	13	17	20	25	23	27	36	39	36	38
Maryland.....	56	86	102	134	146	175	236	257	246	266
District of Columbia.....	10	21	28	35	46	53	68	83	78	85
Virginia.....	77	128	198	216	259	351	453	494	458	497



Table 16.—Average length of school term, and school attendance in full-time public elementary and secondary day schools, by State, for specified years

STATE, BY REGION	AVERAGE NUMBER OF DAYS SCHOOLS WERE IN SESSION					Average number of days attended by each pupil enrolled, 1947-48	Percent of pupils enrolled attending daily, 1947-48
	1929-30	1939-40	1947-48				
			Total	Elementary	Secondary		
1	2	3	4	5	6	7	8
<b>Continental United States..</b>	<b>172.7</b>	<b>175.0</b>	<b>177.6</b>	<b>176.8</b>	<b>179.7</b>	<b>155.1</b>	<b>87.3</b>
<b>NEW ENGLAND.....</b>			<b>178.7</b>	<b>178.2</b>	<b>179.7</b>	<b>159.7</b>	<b>89.4</b>
Maine.....	179.0	177.7	179.5	179.1	180.8	165.8	92.4
New Hampshire.....	179.0	176.2	175.3	174.8	176.4	160.0	91.3
Vermont.....	172.1	179.2	170.2	169.0	173.0	161.6	95.0
Massachusetts.....	183.3	179.7	178.7	177.9	180.0	157.6	88.2
Rhode Island.....	175.3	180.0	180.0	180.0	180.0	155.4	86.3
Connecticut.....	183.7	183.1	180.6	180.6	180.8	162.1	89.8
<b>MIDDLE ATLANTIC.....</b>			<b>183.2</b>	<b>181.7</b>	<b>186.1</b>	<b>159.5</b>	<b>87.1</b>
New York.....	187.5	184.3	183.1	180.2	190.6	155.1	84.7
New Jersey.....	188.4	185.2	183.2	183.2	183.2	160.8	87.8
Pennsylvania.....	181.2	181.6	183.2	183.3	183.1	164.6	89.9
<b>EAST NORTH CENTRAL.....</b>			<b>180.3</b>	<b>179.9</b>	<b>181.4</b>	<b>159.7</b>	<b>88.6</b>
Ohio.....	179.2	180.5	178.9	178.1	181.2	162.4	90.8
Indiana.....	173.4	170.0	173.7	173.5	174.2	146.1	84.1
Illinois.....	188.4	186.4	186.6	186.1	188.0	162.3	87.0
Michigan.....	185.6	183.0	180.0	180.0	180.0	161.7	89.8
Wisconsin.....	179.2	180.3	178.5	177.9	179.8	161.5	90.5
<b>WEST NORTH CENTRAL.....</b>			<b>175.6</b>	<b>174.8</b>	<b>177.7</b>	<b>151.1</b>	<b>86.0</b>
Minnesota.....	180.1	172.8	172.5	171.9	173.7	148.9	86.3
Iowa.....	175.9	176.6	177.8	178.1	177.1	153.8	86.5
Missouri.....	180.5	179.1	182.2	181.1	185.5	155.3	85.2
North Dakota.....	165.7	172.7	170.2	170.2	170.2	152.4	89.5
South Dakota.....	178.5	174.9	173.5	173.0	175.0	153.0	88.2
Nebraska.....	175.2	176.0	178.5	178.1	179.6	158.0	88.5
Kansas.....	169.8	172.4	165.1	160.7	175.2	136.7	82.8
<b>SOUTH ATLANTIC.....</b>			<b>178.2</b>	<b>177.8</b>	<b>179.5</b>	<b>155.1</b>	<b>87.0</b>
Delaware.....	183.0	182.1	178.5	179.0	177.6	154.9	86.8
Maryland.....	186.1	187.6	185.7	185.8	185.7	163.2	87.9
District of Columbia.....	173.6	178.8	174.6	172.3	178.2	151.4	86.7
Virginia.....	164.1	180.2	180.0	180.0	180.0	159.3	88.5
West Virginia.....	165.7	176.1	173.0	172.8	173.3	155.1	89.7
North Carolina.....	154.3	164.3	179.9	179.9	179.9	159.3	88.5
South Carolina.....	147.0	163.0	174.9	173.6	179.1	143.0	81.8
Georgia.....	148.0	162.2	176.1	175.0	180.0	146.6	83.2
Florida.....	154.4	167.5	180.1	180.0	180.4	163.6	90.8
<b>EAST SOUTH CENTRAL.....</b>			<b>169.9</b>	<b>168.4</b>	<b>175.0</b>	<b>145.9</b>	<b>85.9</b>
Kentucky.....	165.0	159.1	171.5	169.9	176.8	142.8	83.3
Tennessee.....	163.2	166.3	176.5	176.5	176.5	153.9	87.2
Alabama.....	150.0	153.5	176.3	176.3	176.5	150.4	85.3
Mississippi.....	133.4	145.7	152.4	150.0	166.4	133.9	87.8
<b>WEST SOUTH CENTRAL.....</b>			<b>173.5</b>	<b>173.2</b>	<b>174.5</b>	<b>147.9</b>	<b>85.2</b>
Arkansas.....	149.4	158.6	169.7	168.3	173.0	144.8	85.3
Louisiana.....	151.0	169.0	174.0	173.4	177.8	149.7	86.0
Oklahoma.....	173.3	175.6	175.0	175.0	175.0	153.5	87.7
Texas.....	146.0	171.9	173.9	173.9	174.1	146.2	84.1

**Table 16.—Average length of school terms, and school attendance in full-time public elementary and secondary day schools, by State, for specified years—Continued**

STATE, BY REGION	AVERAGE NUMBER OF DAYS SCHOOLS WERE IN SESSION					Average number of days attended by each pupil 1947-48	Percent of pupils enrolled attending daily, 1947-48
	1929-30	1939-40	1947-48				
			Total	Elementary	Secondary		
1	2	3	4	5	6	7	8
<b>MOUNTAIN</b> .....			175.0	174.8	175.5	153.0	87.4
Montana.....	173.5	171.8	177.1	177.0	177.5	157.3	88.8
Idaho.....	162.6	174.5	171.9	172.1	171.5	152.7	88.8
Wyoming.....	161.3	176.7	164.5	162.6	170.6	144.5	87.8
Colorado.....	180.0	171.9	177.3	177.3	177.3	152.1	85.8
New Mexico.....	172.2	175.0	180.0	180.0	180.0	143.2	79.6
Arizona.....	175.1	168.9	171.6	171.0	174.0	154.9	90.3
Utah.....	172.5	174.8	175.1	175.1	175.0	161.6	92.3
Nevada.....	178.9	174.1	176.7	176.5	177.5	157.2	88.9
<b>PACIFIC</b> .....			175.9	176.0	175.0	158.4	90.0
Washington.....	179.4	178.7	179.1	179.4	178.5	146.5	81.8
Oregon.....	182.9	174.3	177.6	177.3	178.2	157.5	88.7
California.....	178.3	176.6	175.0	175.0	175.0	161.5	92.3
<b>Outlying parts of the United States</b>							
Alaska.....	176.2	186.4	174.0	174.0	174.3	137.8	79.2
American Samoa.....	142.0						
Canal Zone.....	207.6	204.2	185.9	185.9	185.8	172.2	92.6
Guam.....	203.0	189.0					
Hawaii.....	169.0	180.0	178.0	178.0	178.0	165.2	92.8
Puerto Rico.....	191.2	192.0	190.0	190.0	190.0	170.1	89.5
Virgin Islands.....	190.0						



Table 17.—Number of, and enrollment in, 1-, 2-, and 3-teacher schools for States reporting, 1947-48

STATE, BY REGION	1-teacher schools		2-teacher schools		3-teacher schools	
	Number	Total enrollment	Number	Total enrollment	Number	Total enrollment
1	2	3	4	5	6	7
<b>Continental United States.....</b>	<b>75,096</b>					
<b>NEW ENGLAND.....</b>	<b>1,700</b>					
Maine.....	728					
New Hampshire.....	133	2,914	99	4,991	26	2,020
Vermont.....	571	10,363	127			
Massachusetts.....	128		169		65	
Rhode Island.....	25		25		18	
Connecticut.....	115		101		539	
<b>MIDDLE ATLANTIC.....</b>	<b>4,327</b>		<b>1,209</b>	<b>17,487</b>	<b>431</b>	
New York.....	1,494	27,282	284	11,159	106	7,746
New Jersey.....	89	2,865	105	6,328	67	5,935
Pennsylvania.....	2,744		820		258	
<b>EAST NORTH CENTRAL.....</b>	<b>15,235</b>					
Ohio.....	446	11,325	248	14,395		
Indiana.....	375		259			
Illinois.....	7,126	80,301				
Michigan.....	2,952	69,560	299	18,809	111	13,505
Wisconsin.....	4,336	84,687	380			
<b>WEST NORTH CENTRAL.....</b>	<b>28,578</b>					
Minnesota.....	4,418	74,812	257	12,224	157	13,110
Iowa.....	5,631	78,353	207	12,243		
Missouri.....	5,125		473		148	
North Dakota.....	2,677	29,769				
South Dakota.....	3,203	33,952	93	1,395	28	840
Nebraska.....	4,434	44,538	75	3,115	9	767
Kansas.....	3,090	37,996	340		151	
<b>SOUTH ATLANTIC.....</b>	<b>7,708</b>		<b>4,018</b>			
Delaware.....	48	1,267	19	1,044	8	635
Maryland.....	161	4,417	198	11,852	62	6,355
District of Columbia.....	1				1	
Virginia.....	1,178		657		239	
West Virginia.....	2,528	54,565	609	33,891		
North Carolina.....	595	19,459	564	38,075	308	32,052
South Carolina.....	1,019	24,807	1,021	54,123	401	38,671
Georgia.....	1,758		703		268	
Florida.....	420	9,825	247	12,597	137	10,774
<b>EAST SOUTH CENTRAL.....</b>	<b>8,495</b>		<b>3,640</b>			
Kentucky.....	3,462		851		189	
Tennessee.....	2,095		1,174			
Alabama.....	1,088	32,059	684	41,021	234	21,536
Mississippi.....	1,850		931		302	
<b>WEST SOUTH CENTRAL.....</b>	<b>4,751</b>	<b>112,880</b>	<b>2,555</b>	<b>119,524</b>	<b>886</b>	<b>63,765</b>
Arkansas.....	1,450	41,348	570	35,929	243	25,592
Louisiana.....	778	24,118	462	29,469	191	17,313
Oklahoma.....	1,323	29,428	672	30,502	114	9,012
Texas.....	1,200	17,986	851	23,624	338	11,848

See footnotes at end of table.

Table 17.—Number of, and enrollment in, 1-, 2-, and 3-teacher schools for States reporting, 1947-48—Continued

STATE, BY REGION	1-teacher schools		2-teacher schools		3-teacher schools	
	Number	Total enrollment	Number	Total enrollment	Number	Total enrollment
1	2	3	4	5	6	7
MOUNTAIN.....	2,908					
Montana.....	915	8,519	116	4,502	31	1,610
Idaho.....	270					
Wyoming.....	385		183			
Colorado.....	872	8,537	241	6,322	200	
New Mexico <sup>1</sup> .....	263		238		135	
Arizona.....	87	1,485	48	2,261	24	1,711
Utah.....	28	404	60	2,450	38	2,760
Nevada.....	88	1,052	30	1,346	4	217
PACIFIC.....	1,394		688		398	
Washington.....	155	2,470	67	2,906	42	3,425
Oregon.....	399		230		101	
California.....	840		391		255	
<b>Outlying parts of the United States</b>						
Alaska.....	40	537	6	208	6	305
Canal Zone.....	1	23			1	114
Hawaii.....	12	213	11	478	11	679
Puerto Rico.....	969	60,374	291	35,226	114	19,397

<sup>1</sup> Includes 3-teacher schools.<sup>2</sup> Statistics, 1945-46.

Table 18.—Number of public schools,<sup>1</sup> and transportation data, by State, 1947-48

STATE, BY REGION	Number of schools				1-teacher, 1-room schools			Transportation			
	Total	Elementary	Secondary		Number of schools (included with elementary)	Percent of teachers in 1-room schools	Number of pupils transported at public expense (thousands)	Number of vehicles operated at public expense	Expenditure of public funds for transportation, excluding capital outlay (thousands)	Average cost per pupil transported	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>		
<b>Continental United States.....</b>	<b>172,244</b>	<b>146,760</b>	<b>25,454</b>	<b>75,096</b>	<b>8.7</b>	<b>5,854</b>	<b>104,535</b>	<b>\$176,265</b>	<b>\$30.11</b>		
NEW ENGLAND.....	7,020	6,030	990	1,700	3.6	220	4,979	7,929	35.99		
Maine.....	1,859	1,645	214	728	11.9	46	1,250	1,607	35.03		
New Hampshire.....	10,620	538	82	133	4.8	19	890	46,20	46.20		
Vermont.....	907	912	85	571	24.3	11	681	617	53.75		
Massachusetts.....	2,280	1,858	422	128	6	79	2,100	2,604	33.14		
Rhode Island.....	384	322	62	25	7	4	375	36,85	36.85		
Connecticut.....	880	755	125	115	1.2	65	1,024	1,835	33.40		
MIDDLE ATLANTIC.....	17,375	14,744	2,631	4,327	2.7	630	11,802	24,390	38.72		
New York.....	7,198	4,616	4,090	1,494	2.0	295	5,361	11,280	48.07		
New Jersey.....	1,815	1,847	288	80	3	109	1,700	3,593	32.91		
Pennsylvania.....	8,362	7,029	1,333	2,744	4.9	286	4,741	9,518	33.26		
EAST NORTH CENTRAL.....	29,820	25,279	4,541	15,235	9.5	904	20,209	35,310	39.07		
Ohio.....	4,356	3,123	1,233	446	1.1	354	6,317	9,200	25.98		
Indiana.....	3,098	2,271	867	375	1.7	246	5,558	9,001	36.54		
Illinois.....	9,546	8,811	735	7,126	16.5	97	4,000	6,317	64.89		
Michigan.....	3,543	4,793	8.7	2,952	151	151	2,386	7,241	47.95		
Wisconsin.....	4,697	6,221	736	4,336	21.6	55	4,1748	3,550	64.55		
WEST NORTH CENTRAL.....	39,625	35,425	4,200	28,578	27.9	467	12,165	22,267	47.67		
Minnesota.....	6,268	5,622	646	4,418	23.2	135	2,903	7,231	63.74		
Iowa.....	7,984	7,061	923	5,631	26.9	117	3,050	5,012	42.71		
Missouri.....	7,646	6,910	736	5,125	22.4	131	2,270	4,413	33.71		
North Dakota.....	3,710	3,300	410	2,677	41.9	17	4,186	993	57.34		
South Dakota.....	3,720	3,403	317	3,203	47.6	12	3,440	719	58.57		
Nebraska.....	5,589	5,052	537	4,434	37.4	6	909	351	60.61		
Kansas.....	4,708	4,077	631	3,090	21.1	40	1,765	2,990	75.22		
SOUTH ATLANTIC.....	25,345	21,085	4,260	7,708	6.2	1,297	17,130	27,584	21.27		
Delaware.....	237	190	47	48	2.7	16	234	349	30.13		
Maryland.....	1,107	879	228	161	1.7	95	1,217	2,330	94.57		

STATE SCHOOL SYSTEMS

	164	129	35	1	(2 <sup>1</sup> )	(3)	7	24
District of Columbia.....	164	129	35	1	6.7	223	2,615	162.10
Virginia.....	4,055	3,499	556	1,178	6.7	156	4,525	20.27
West Virginia.....	4,526	3,146	380	2,628	18.5	166	2,957	18.98
North Carolina.....	3,703	3,741	902	595	2.4	359	5,214	18.36
South Carolina.....	3,885	3,399	486	1,019	6.5	121	1,886	21.87
Georgia.....	4,289	3,506	793	1,758	7.7	216	2,966	24.73
Florida.....	2,369	1,596	773	420	2.8	115	1,692	24.48
<b>EAST SOUTH CENTRAL.....</b>	<b>20,773</b>	<b>18,316</b>	<b>2,457</b>	<b>8,495</b>	<b>11.4</b>	<b>822</b>	<b>11,167</b>	<b>19.86</b>
Kentucky.....	6,035	5,469	566	3,462	19.4	183	2,004	17.88
Tennessee.....	5,397	4,850	547	2,095	10.1	200	3,751	18.72
Alabama.....	4,233	3,569	664	1,088	5.3	347	4,517	17.80
Mississippi.....	5,108	4,428	680	1,850	12.0	185	3,600	25.89
<b>WEST SOUTH CENTRAL.....</b>	<b>18,111</b>	<b>13,980</b>	<b>4,131</b>	<b>4,751</b>	<b>5.4</b>	<b>810</b>	<b>14,769</b>	<b>23.22</b>
Arkansas.....	3,718	3,027	691	1,450	11.5	134	2,379	21.29
Louisiana.....	2,840	2,316	524	1,778	5.5	165	2,767	27.64
Oklahoma.....	3,489	2,668	821	1,323	8.2	132	3,106	32.35
Texas.....	8,064	5,969	2,095	1,200	2.7	379	6,517	18.82
<b>MOUNTAIN.....</b>	<b>7,248</b>	<b>6,051</b>	<b>1,197</b>	<b>2,908</b>	<b>8.4</b>	<b>221</b>	<b>5,281</b>	<b>42.01</b>
Montana.....	1,565	1,389	176	915	19.3	23	564	72.99
Idaho.....	959	789	170	270	6.8	36	672	37.28
Wyoming.....	657	608	89	385	13.3	13	643	64.05
Colorado.....	2,016	1,608	348	872	10.1	40	1,636	40.14
New Mexico.....	818	675	143	4263	6.2	33	982	52.42
Arizona.....	491	401	90	87	1.9	32	269	24.77
Utah.....	508	362	144	28	6	39	432	26.18
Nevada.....	236	199	37	88	8.1	3	83	59.13
<b>PACIFIC.....</b>	<b>7,207</b>	<b>5,910</b>	<b>1,297</b>	<b>1,394</b>	<b>2.0</b>	<b>483</b>	<b>7,344</b>	<b>32.46</b>
Washington.....	1,566	1,199	367	155	1.2	129	2,062	27.81
Oregon.....	1,449	1,229	229	399	4.7	64	1,278	42.80
California.....	4,192	3,491	701	840	1.7	4290	4,004	27.78
<b>Outlying parts of the United States</b>								
Alaska.....	102	76	26	40	8.9	1	50	75.20
American Samoa.....	46	44	2					
Canal Zone.....	24	16	8	1	.4			
Hawaii.....	215	161	54	12	4			
Puerto Rico.....	2,094	1,713	381	969	11.3	2	32	12.28
Virgin Islands.....	22							

<sup>1</sup> Exclusive of residential schools for exceptional children and Federal schools for wards of the Federal Government.

<sup>2</sup> Statistics, 1939-40.

<sup>3</sup> Statistics, 1943-44.

<sup>4</sup> Statistics, 1945-46.

<sup>5</sup> Statistics from Automobile Manufacturers Association.

<sup>6</sup> Estimated.

<sup>7</sup> Less than 0.05 percent.

<sup>8</sup> Fewer than 500.

<sup>9</sup> Statistics, 1946-47.

<sup>10</sup> Reduction in number from previous year due to change in definition of term "school."

Table 19.—Number of ultimate or basic administrative units and number of teaching positions, by State, 1947-48

STATE, BY REGION	Total units	NUMBER OF TEACHING POSITIONS—													150 to 199	200 or more
		No teaching positions	1	2	3	4	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 99	100 to 149			
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	
<b>33 States and the District of Columbia</b>	<b>66,647</b>	<b>12,960</b>	<b>33,800</b>	<b>4,292</b>	<b>2,154</b>	<b>1,508</b>	<b>3,876</b>	<b>3,688</b>	<b>1,492</b>	<b>781</b>	<b>474</b>	<b>887</b>	<b>314</b>	<b>177</b>	<b>334</b>	
NEW ENGLAND.....	1,185	15	42	79	81	67	225	203	118	71	62	118	40	22	42	
Maine.....	114	8	15	28	33	19	59	2	16	27	25	35	9	2	1	
New Hampshire.....	240	4	14	29	26	25	84	51	22	3	3	6	2	2	1	
Vermont.....	268	1	13	17	15	11	48	67	42	20	21	40	21	9	26	
Massachusetts.....	351	39	3	5	2	3	5	5	6	2	5	9	2	2	5	
Rhode Island.....	39	2	5	7	7	9	32	34	14	16	6	22	7	9	10	
Connecticut.....	173	2	5	5	7	9	32	34	14	16	6	22	7	9	10	
MIDDLE ATLANTIC.....	7,710	1,897	1,636	493	333	290	783	852	459	307	178	301	79	32	70	
New York.....	4,609	1,764	1,494	284	106	69	116	238	202	122	66	97	23	5	23	
New Jersey.....	361	34	14	26	20	20	106	115	52	41	19	62	18	13	23	
Pennsylvania.....	2,540	99	133	195	201	192	501	499	205	144	93	142	38	14	24	
EAST NORTH CENTRAL.....	12,803	1,941	6,863	908	353	272	700	977	322	149	77	135	35	22	49	
Ohio.....	1,579	---	75	99	78	99	298	551	149	88	32	66	13	10	21	
Michigan.....	5,186	1,043	2,952	289	111	78	170	231	120	43	31	47	19	6	16	
Wisconsin.....	6,038	898	3,836	510	164	95	232	175	33	18	14	22	3	6	12	
WEST NORTH CENTRAL.....	36,507	8,218	22,124	1,694	825	580	1,416	1,061	269	102	51	89	47	6	25	
Minnesota.....	7,518	2,449	4,182	266	86	52	109	212	75	25	17	28	10	2	5	
Iowa.....	4,711	3,559	1,52	53	29	29	394	374	68	30	12	15	15	3	7	
Missouri.....	8,326	1,943	5,044	462	305	129	120	206	55	21	13	11	11	3	6	
South Dakota.....	3,409	1,799	359	177	101	70	200	66	15	4	2	6	2	2	1	
Nebraska.....	6,900	1,811	4,450	115	38	70	254	108	29	7	4	9	3	2	2	
Kansas.....	5,643	1,338	3,090	340	166	199	339	95	27	15	3	20	6	1	4	



SOUTH ATLANTIC															
Delaware.....	2,141	490	211	355	164	108	155	127	50	39	36	131	87	67	121
Maryland.....	17								1	4	4	6	6	4	2
District of Columbia.....	24											4			10
Virginia.....	125								2	4	8	37	27	17	30
West Virginia.....	55												12	12	24
North Carolina.....	172								4	11	13	47	30	20	41
South Carolina.....	1,680	490	211	355	164	108	155	125	40	11	6	9	2	3	1
Florida.....	67							2	3	9	5	21	10	5	12
WEST SOUTH CENTRAL:															
Arkansas.....	1,589	20	754	210	57	42	159	174	64	46	30	24	3	3	3
MOUNTAIN:															
Montana.....	4,084	349	2,039	486	299	119	359	201	77	39	21	56	14	10	15
Wyoming.....	1,522	252	915	116	38	18	89	51	16	12	3	8	1		3
Colorado.....	356	43	92	58	30	14	59	36	6	6	3	5	3		1
Arizona.....	1,644		1,848	241	200	72	154	73	22	6	7	12	6		3
Utah.....	342	45	87	48	24	13	40	26	18	11	5	19	2	1	3
Nevada.....	40			1			1	3	7	2	2	11	2	7	5
	180	9	97	23	7	2	16	12	8	2	1	1		2	
PACIFIC:															
Washington.....	628	30	131	67	42	30	79	93	43	28	19	33	9	15	9
Outlying parts of the United States															
Alaska.....	76		40	6	6	2	11	6	1	3		1			7
Puerto Rico.....	70									1	3	37	14	8	

1 Amount adjusted to make reported total.

Table 20.—Current expenditure for administration (general control) by each taxing unit (State, county, and local) and lunch program statistics, by State, 1947-48

STATE, BY REGION	Expenditures for administration (in thousands of dollars)				School lunch program		
	Total	State	County	Local	Number of schools serving lunches	Average number of pupils served per day	Peak number served anytime during year
1	2	3	4	5	6	7	8
<b>Continental United States</b> .....	<b>169,999</b>	<b>25,342</b>	<b>15,880</b>	<b>128,777</b>	<b>39,344</b>	<b>4,860,684</b>	<b>5,320,875</b>
<b>NEW ENGLAND</b> .....	8,771	1,689	-----	7,082	2,891	405,294	466,843
Maine.....	822	384	-----	438	252	26,550	32,328
New Hampshire.....	698	143	-----	555	248	21,345	24,465
Vermont.....	476	107	-----	369	341	19,698	31,512
Massachusetts.....	4,178	232	-----	3,947	1,680	278,526	306,864
Rhode Island.....	641	98	-----	543	73	9,827	13,879
Connecticut.....	1,956	724	-----	1,232	297	49,348	57,795
<b>MIDDLE ATLANTIC</b> .....	36,420	5,606	1,152	29,661	3,545	410,403	398,804
New York.....	15,947	4,182	-----	11,765	2,047	244,566	260,280
New Jersey.....	7,270	534	460	6,276	454	43,947	49,199
Pennsylvania.....	13,203	890	693	11,620	1,044	121,890	189,325
<b>EAST NORTH CENTRAL</b> .....	31,355	2,406	4,404	24,545	5,369	759,972	871,462
Ohio.....	7,272	677	1,118	5,477	1,270	128,219	120,567
Indiana.....	2,625	228	500	1,898	765	134,971	143,762
Illinois.....	9,524	686	1,187	7,651	1,360	133,268	191,638
Michigan.....	8,415	523	867	7,025	831	200,044	213,198
Wisconsin.....	3,520	293	732	2,494	1,143	83,470	102,297
<b>WEST NORTH CENTRAL</b> .....	19,755	1,639	2,230	15,886	4,314	270,787	561,119
Minnesota.....	4,457	321	447	3,688	761	101,879	121,721
Iowa.....	4,067	240	237	3,451	851	116,740	118,893
Missouri.....	5,700	623	668	4,409	1,347	-----	183,415
North Dakota.....	532	85	-----	447	826	18,273	25,028
South Dakota.....	1,150	44	309	797	-----	-----	-----
Nebraska.....	2,220	156	207	1,858	353	33,895	40,446
Kansas.....	1,629	169	225	1,235	176	-----	71,616
<b>SOUTH ATLANTIC</b> .....	15,842	4,101	1,875	9,866	7,624	1,129,562	1,071,119
Delaware.....	547	268	-----	279	73	12,362	15,667
Maryland.....	1,793	404	-----	1,389	389	62,516	62,516
District of Columbia.....	434	-----	-----	434	29	44,670	77,231
Virginia.....	2,377	1,116	-----	1,261	971	179,581	200,000
West Virginia.....	1,732	221	1,511	-----	1,278	85,000	86,828
North Carolina.....	2,363	327	-----	2,036	1,364	300,000	350,000
South Carolina.....	2,185	539	364	1,282	1,453	142,860	154,896
Georgia.....	2,170	602	-----	1,567	1,375	188,900	-----
Florida.....	2,240	624	-----	1,617	692	113,673	123,981
<b>EAST SOUTH CENTRAL</b> .....	8,253	1,373	620	6,260	5,008	525,947	500,225
Kentucky.....	2,515	272	-----	2,243	1,131	208,124	-----
Tennessee.....	2,702	525	-----	2,179	1,524	-----	148,753
Alabama.....	1,564	351	-----	1,213	1,200	179,411	190,090
Mississippi.....	1,472	227	620	625	1,153	138,412	161,412
<b>WEST SOUTH CENTRAL</b> .....	18,315	2,039	2,417	13,858	5,972	736,664	790,605
Arkansas.....	2,316	303	452	1,560	870	90,071	117,424
Louisiana.....	2,554	824	-----	1,731	1,164	112,593	161,473
Oklahoma.....	2,325	113	350	1,862	1,590	149,000	116,708
Texas.....	11,120	799	1,615	8,706	2,348	385,000	395,000

See footnotes at end of table.

**Table 20.—Current expenditure for administration (general control) by each taxing unit (State, county, and school) and lunch program statistics, by State, 1947-48—Continued**

STATE, BY REGION	Expenditures for administration (in thousands of dollars)				School lunch program		
	Total	State	County	Local	Number of schools serving lunches	Average number of pupils served per day	Peak number served anytime during year
1	2	3	4	5	6	7	8
<b>MOUNTAIN</b> .....	8, 577	1, 004	1, 431	6, 141	1, 729	193, 735	188, 978
Montana.....	1, 885	206	<sup>4</sup> 600	1, 079	<sup>1</sup> 184	<sup>1</sup> 22, 000	-----
Idaho.....	834	77	<sup>2</sup> 150	607	246	24, 722	30, 133
Wyoming.....	735	95	106	534	172	10, 983	11, 505
Colorado.....	1, 246	188	<sup>2</sup> 200	858	310	35, 010	39, 251
New Mexico.....	1, 052	100	-----	952	412	26, 213	26, 213
Arizona.....	1, 492	74	375	1, 043	86	28, 500	31, 075
Utah.....	942	169	-----	773	271	42, 054	46, 244
Nevada.....	391	95	-----	296	48	4, 253	4, 557
<b>PACIFIC</b> .....	22, 712	5, 485	1, 750	15, 477	2, 892	428, 320	471, 720
Washington.....	3, 552	401	296	2, 855	710	85, 614	94, 582
Oregon.....	1, 917	253	175	1, 489	483	69, 000	75, 032
California.....	17, 243	4, 831	1, 279	11, 133	1, 699	<sup>1</sup> 273, 706	<sup>1</sup> 302, 106
<b>Outlying parts of the United States</b>							
Alaska.....	117	39	-----	78	7	780	-----
Canal Zone.....	73	-----	-----	-----	1	350	400
Hawaii.....	450	-----	-----	-----	140	54, 671	55, 499
Puerto Rico.....	1, 335	1, 009	-----	325	1, 416	158, 044	176, 493
Virgin Islands.....	-----	-----	-----	-----	33	3, 356	-----

<sup>1</sup> Federally supported only.

<sup>2</sup> Estimated.

<sup>3</sup> Information from Department of Agriculture.

<sup>4</sup> Statistics, 1945-46.

Table 21.—Balance on hand from school year 1946-47, and receipts from permanent school funds and leases of school lands, by State, 1947-48

STATE, BY REGION	Balance on hand from school year, 1946-47, (thousands)	Receipts (thousands of dollars) from—		Total		Source of receipts (thousands of dollars) from—		
		Perma- nent funds	Leases of school lands	Amount (thou- sands of dollars)	Per pupil enrolled (dol- lars)	State	County	Local
1	2	3	4	5	6	7	8	9
<b>Continental States</b> .....	<b>\$915,570</b>	<b>\$29,974</b>	<b>\$10,431</b>	<b>\$40,405</b>	<b>\$1.69</b>	<b>\$29,503</b>	<b>\$8,912</b>	<b>\$1,990</b>
<b>United States</b> .....								
NEW ENGLAND.....	8,151	542	144	685	.66	296		389
Maine.....	471	108	144	252	1.66	77		175
New Hampshire.....	620	46		46	.68			46
Vermont.....	284	157		157	1.01	157		
Massachusetts.....	2,785	153		153	.26	153		
Rhode Island.....	3,991	43		43	.46	10		34
Connecticut.....		134		134	.52			134
MIDDLE ATLANTIC.....	95,427	1,003		1,003	.25	1,003		
New York.....	47,492	1,460		1,460	.24	1,460		
New Jersey.....	20,221	468		468	.74	468		
Pennsylvania.....	27,714	75		75	.05	75		
EAST NORTH CENTRAL.....	238,960	279	2,493	2,772	.62	1,174		1,598
Ohio.....	67,321		3,229	3,229	.20	3,229		
Indiana.....	37,856	119		119	.18	119		
Illinois.....	72,535	57	1,598	1,655	1.45	57		1,598
Michigan.....	31,775		666	666	.67	666		
Wisconsin.....	29,473	103		103	.21	103		
WEST NORTH CENTRAL.....	129,314	13,083	1,130	14,213	6.04	7,216	6,997	
Minnesota.....	18,559	3,930		3,930	8.19	3,930		
Iowa.....	30,801	129		129	.28	129		
Missouri.....	36,780	6,997		6,997	11.22		6,997	
North Dakota.....	9,254	486	510	996	8.84	996		
South Dakota.....	9,693	817		817	7.14	817		
Nebraska.....	8,716	318	620	937	4.15	937		
Kansas.....	15,510	407		407	1.22	407		
SOUTH ATLANTIC.....	71,022	592		592		592		
Delaware.....	2,207	92		92	2.12	92		
Maryland.....	5,540							
District of Columbia.....	6,351							
Virginia.....	4,896							
West Virginia.....	4,481							
North Carolina.....	11,266							
South Carolina.....	7,523							
Georgia.....	9,836							
Florida.....	18,923	500		500	1.23	500		
EAST SOUTH CENTRAL.....	12,201	568	1	569	.24	569		
Kentucky.....	3,011	139		139	.25	139		
Tennessee.....	2,994	151		151	.24	151		
Alabama.....	6,196	216	1	217	.34	217		
Mississippi.....		62		62	.12	62		
WEST SOUTH CENTRAL.....	60,710	5,452	1,353	6,805		4,988	1,818	
Arkansas.....	4,076							
Louisiana.....	12,792	121	1,318	1,439	3.25	121	1,318	
Oklahoma.....	3,761	1,437		1,437	3.15	1,437		
Texas.....	40,080	3,894	35	3,929	3.07	3,429	500	
MOUNTAIN.....	53,158	6,501	3,270	9,772	10.70	9,672	97	3
Montana.....	8,296	1,452		1,452	14.89	1,452		
Idaho.....	4,723	236		236	2.04	236		
Wyoming.....	1,833	928	1,083	2,011	36.72	2,011		
Colorado.....	16,087	930		930	4.32	930		
New Mexico.....	4,865	2,251		2,251	16.54	2,251		
Arizona.....	10,178	400	100	500	4.02	400	97	3
Utah.....	1,803	210	70	280	1.95	280		
Nevada.....	5,373	95	2,018	2,113	81.38	2,113		
PACIFIC.....	246,628	1,953	2,040	3,993	1.82	3,993		
Washington.....	42,385	1,078	266	1,345	3.39	1,345		
Oregon.....	10,421	249		249	1.07	249		
California.....	193,822	625	1,774	2,399	1.54	2,399		

1 Statistics, 1945-46.

2 Cities only.

3 Includes permanent funds.

4 Statistics, 1941-42.

Table 22.—Income from appropriation and taxation, by State, 1947-48  
[Thousands of dollars]

STATE, BY REGION	Total	TAXING UNIT		
		State <sup>1</sup>	County <sup>2</sup>	Local
1	2	3	4	5
<b>Continental United States</b> .....	<b>4,004,695</b>	<b>1,645,336</b>	<b>210,016</b>	<b>2,149,343</b>
NEW ENGLAND.....	218,402	40,878	-----	177,524
Maine.....	18,076	5,181	-----	12,895
New Hampshire.....	12,276	2,158	-----	10,118
Vermont.....	8,715	2,405	-----	6,310
Massachusetts.....	108,485	13,880	-----	94,605
Rhode Island.....	18,383	3,694	-----	14,689
Connecticut.....	52,467	13,560	-----	38,907
MIDDLE ATLANTIC.....	876,274	279,427	1,581	595,266
New York.....	464,840	155,615	-----	309,225
New Jersey.....	151,579	24,723	1,581	125,276
Pennsylvania.....	259,854	99,089	-----	160,765
EAST NORTH CENTRAL.....	843,438	309,223	6,070	528,144
Ohio.....	214,045	91,879	512	121,654
Indiana.....	121,838	49,429	3 500	71,909
Illinois.....	225,010	39,075	277	185,658
Michigan.....	192,950	109,022	1,119	82,809
Wisconsin.....	89,594	19,818	3,662	66,114
WEST NORTH CENTRAL.....	360,130	87,515	8,400	264,215
Minnesota.....	75,398	28,295	553	46,550
Iowa.....	76,178	10,893	390	64,895
Missouri.....	81,807	34,225	471	47,111
North Dakota.....	16,048	3,730	496	11,822
South Dakota.....	19,118	2,729	233	16,157
Nebraska.....	31,838	792	207	30,839
Kansas.....	59,742	6,850	6,051	46,841
SOUTH ATLANTIC.....	464,914	273,725	98,265	92,924
Delaware.....	8,244	7,380	-----	864
Maryland.....	58,165	24,400	16,292	17,473
District of Columbia.....	23,418	4 3,368	-----	20,050
Virginia.....	62,966	28,104	20,402	14,461
West Virginia.....	56,845	38,226	18,619	-----
North Carolina.....	85,682	66,995	13,803	4,885
South Carolina.....	41,735	29,072	2,075	10,588
Georgia.....	57,240	36,251	11,777	9,213
Florida.....	70,619	39,931	15,297	15,391
EAST SOUTH CENTRAL.....	212,043	128,358	46,775	36,909
Kentucky.....	52,833	24,282	15,017	13,534
Tennessee.....	66,995	39,941	20,242	6,813
Alabama.....	60,228	46,707	7,365	6,157
Mississippi.....	31,986	17,429	4,151	10,406
WEST SOUTH CENTRAL.....	364,346	203,346	16,750	144,250
Arkansas.....	32,517	21,788	879	9,850
Louisiana.....	55,469	38,010	14,408	3,051
Oklahoma.....	55,639	28,092	1,438	26,109
Texas.....	220,721	115,456	25	105,240
MOUNTAIN.....	155,721	55,580	21,926	78,215
Montana.....	20,418	2,754	9,315	8,348
Idaho <sup>3</sup> .....	17,007	4,241	2,421	10,345
Wyoming.....	8,022	1,130	1,229	5,662
Colorado.....	38,535	8,024	5,180	25,331
New Mexico.....	17,442	15,369	1,074	1,000
Arizona.....	24,579	11,529	188	12,861
Utah.....	25,934	12,295	-----	13,639
Nevada.....	3,785	239	2,519	1,028
PACIFIC.....	509,429	267,283	10,250	231,896
Washington.....	91,928	63,666	1,627	26,634
Oregon.....	44,705	17,918	900	25,887
California.....	372,797	185,699	7,723	179,375
<b>Outlying parts of the United States</b> .....				
Alaska.....	2,638	1,836	-----	802
Hawaii.....	15,942	13,313	2,629	-----
Puerto Rico.....	25,998	24,498	-----	1,500

<sup>1</sup> Includes receipts for State office, cost of free textbooks when furnished by State, and the amounts paid by the State towards teacher retirement and the lunch program.

<sup>2</sup> Includes county appropriation for county superintendent's office.

<sup>3</sup> Estimated.

<sup>4</sup> Federal funds.

<sup>5</sup> Total distributed on basis of printed report.



Table 23.—Income from miscellaneous revenue sources and total revenue receipts, by State, 1947-48  
 [Thousands of dollars]

STATE, BY REGION	RECEIPTS FROM REVENUE SOURCES OTHER THAN THOSE DESIGNATED IN TABLES 21 AND 22				TOTAL REVENUE RECEIPTS							
	Total	Taxing unit			Total	Subsidies from educational foundations	Federal			Taxing unit		
		State	County	Local			Aid for vocational education	Lunch program	Other, excluding defense projects	State	County	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Continental United States.</b>	<b>145,834</b>	<b>1,523</b>	<b>10,894</b>	<b>133,478</b>	<b>4,311,534</b>	<b>330</b>	<b>24,845</b>	<b>50,152</b>	<b>45,273</b>	<b>1,676,362</b>	<b>229,761</b>	<b>2,284,811</b>
NEW ENGLAND.....	3,453	39		3,414	226,775		1,460	2,196	578	41,214		181,327
Maine.....	822			822	19,595		180	264	(1)	5,258		13,892
New Hampshire.....	67			67	12,724		157	144	34	2,158		10,230
Vermont.....	541			541	9,666		156	133	63	2,462		6,851
Massachusetts.....	715			715	110,869		528	989		14,033		95,320
Rhode Island.....	255			255	19,077		171	192	32	3,704		14,977
Connecticut.....	1,063	39		1,014	54,845		268	474	448	13,599		40,055
MIDDLE ATLANTIC.....	24,544	554	231	23,759	911,487		3,697	5,663	306	280,984	1,811	619,025
New York.....	9,704	533		9,172	479,797		1,749	3,044		156,608		318,397
New Jersey.....	1,681	21	231	1,429	155,475		515	956	275	25,213	1,811	126,705
Pennsylvania.....	13,158			13,158	276,214		1,434	1,663	30	99,164		173,923
EAST NORTH CENTRAL.....	44,142	43	8	44,091	907,000	62	4,420	7,604	4,561	310,440	6,079	573,833
Ohio.....	15,357		8	15,349	232,535		1,119	1,786		92,109	520	137,003
Indiana.....	1,418	19		1,399	125,220		638	5,206		49,567	2,600	73,309
Illinois.....	14,017			14,017	246,307		1,184	2,179	2,281	39,132	277	201,273
Michigan.....	3,583	4		3,549	201,412	62	869	1,619	1,393	109,691	1,119	80,058
Wisconsin.....	9,497	20		9,476	101,526		610	815	907	19,591	3,662	73,591
WEST NORTH CENTRAL.....	20,660	244	534	19,882	402,133	7	2,815	4,075	232	94,975	15,331	284,098
Minnesota.....	5,322	12	430	4,880	86,186	1	573	794	168	32,238	983	51,430
Iowa.....	1,967	20		1,947	79,599		555	770		11,042	390	66,842
Missouri.....	8,488	3		8,485	99,389	2	752	1,343		34,228	7,468	55,596
North Dakota.....	628			628	17,960		115	173		4,726		12,450
South Dakota.....	175	11	104	61	20,313		144		58	3,557	337	16,217

Nebraska.....	1,332	183	1,149	34,761	4	295	349	7	1,912	207	31,988
Kansas.....	2,748	15	2,733	63,924	---	381	646	---	7,272	6,651	49,575
<b>SOUTH ATLANTIC</b> .....	13,870	47	4,984	506,079	89	3,986	10,297	12,331	274,364	107,104	97,909
Delaware.....	71	11	60	8,666	---	147	100	12	7,483	---	924
Maryland.....	264	---	137	60,007	---	302	618	659	24,400	16,419	17,611
District of Columbia.....	---	---	---	23,595	---	---	---	---	3,368	---	20,680
Virginia.....	---	---	---	66,746	7	606	1,472	695	28,104	20,402	14,461
West Virginia.....	63	6	56	39,766	---	418	1,036	1,384	38,232	18,676	7,236
North Carolina.....	6,354	4,002	2,352	101,184	---	890	5,520	5,727	66,995	17,805	7,236
South Carolina.....	2,233	6	813	47,935	15	481	1,889	1,882	29,078	2,888	12,002
Georgia.....	1,665	795	1,414	62,566	54	724	2,044	840	36,251	12,647	10,008
Florida.....	3,221	23	2,970	76,614	13	331	798	1,133	40,454	18,267	15,618
<b>EAST SOUTH CENTRAL</b> .....	1,742	149	759	284,754	87	2,684	7,233	10,396	129,076	47,609	37,668
Kentucky.....	231	28	203	58,032	17	674	1,706	2,433	24,421	15,045	13,737
Tennessee.....	511	33	157	77,651	49	687	1,767	7,490	40,124	20,563	6,970
Alabama.....	992	116	477	64,635	17	702	2,419	7,341	47,040	7,841	5,555
Mississippi.....	8	8	---	34,435	4	621	1,611	142	17,491	4,160	10,406
<b>WEST SOUTH CENTRAL</b> .....	224	17	7	394,459	38	2,899	8,247	11,899	208,350	18,769	144,256
Arkansas.....	22	15	---	34,797	6	523	1,439	291	21,803	886	9,850
Louisiana.....	200	---	7	62,657	3	518	2,201	2,823	38,131	15,920	3,058
Oklahoma.....	1	1	---	58,938	3	504	1,217	1,36	29,531	1,438	26,109
Texas.....	---	---	---	238,066	22	1,355	3,390	8,649	118,885	1,525	105,240
<b>MOUNTAIN</b> .....	6,174	256	5,903	176,663	---	1,331	1,943	1,722	65,509	22,637	84,121
Montana.....	1,152	21	1,130	23,700	---	165	166	439	4,227	9,315	9,479
Idaho.....	1,326	---	1,326	18,956	---	165	222	---	4,475	2,421	11,671
Wyoming.....	167	---	167	10,613	---	155	103	152	3,143	1,220	3,829
Colorado.....	2,974	10	2,964	43,089	---	211	420	20	8,964	5,180	28,295
New Mexico.....	126	112	15	20,201	---	164	331	47	17,731	1,088	1,000
Arizona.....	74	74	---	28,879	---	167	311	258	12,063	285	12,865
Utah.....	352	36	315	27,731	---	100	444	562	12,611	---	13,854
Nevada.....	2	2	---	6,344	---	155	44	244	2,353	2,519	1,028
<b>PACIFIC</b> .....	31,024	174	30,678	582,186	47	1,552	2,894	3,248	271,451	10,421	262,574
Washington.....	8,735	80	8,655	103,862	---	315	478	1,061	65,091	1,627	35,289
Oregon.....	6,314	2	6,313	51,849	---	211	363	7	18,169	900	32,199
California.....	15,975	93	15,710	396,475	47	1,025	2,052	2,181	118,191	7,895	195,085
<b>Outlying parts of the United States</b> .....	92	92	---	2,694	---	155	6	50	1,836	---	802
Alaska.....	---	---	---	1,150	---	---	---	---	13,313	2,721	---
Canal Zone.....	---	---	---	16,265	---	---	75	---	---	---	---
Hawaii.....	---	---	---	32,213	---	492	2,618	3,105	24,498	---	---
Puerto Rico.....	---	---	---	---	---	---	---	---	---	---	1,500

\* Estimated.

1 Less than \$500.

Table 24.—Nonrevenue receipts and total of all receipts, by State, 1947-48  
[Thousands of dollars]

STATE, BY REGION	NONREVENUE RECEIPTS FROM				TOTAL REVENUE AND NONREVENUE RECEIPTS, INCLUDING BALANCE ON HAND							
	Total	Loans and bond sales	Sales of property and insurance adjustments	Other	Total	Subsidies from educational foundations	Federal			Taxing unit		
							Aid for vocational education	Launch program	Other (less defense projects)	State	County	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Continental United States.</b>	<b>557,897</b>	<b>496,035</b>	<b>14,829</b>	<b>47,010</b>	<b>4,869,431</b>	<b>330</b>	<b>24,845</b>	<b>50,152</b>	<b>45,273</b>	<b>1,676,362</b>	<b>255,793</b>	<b>2,786,676</b>
NEW ENGLAND.....	8,300	7,787	138	376	235,075	---	1,460	2,196	578	41,214	---	189,627
Maine.....	59	---	59	---	19,654	---	180	264	(1)	5,258	---	13,952
New Hampshire.....	1,005	629	37	339	13,729	---	157	144	34	2,158	---	11,236
Vermont.....	787	709	41	37	10,453	---	156	133	63	2,462	---	7,638
Massachusetts.....	2,825	825	---	---	111,694	---	528	989	---	14,033	---	96,145
Rhode Island.....	313	313	---	---	19,390	---	171	192	32	3,704	---	15,290
Connecticut.....	5,310	5,310	---	---	60,155	---	268	474	448	13,599	---	45,366
MIDDLE ATLANTIC.....	82,503	80,826	1,281	396	993,990	---	3,697	5,663	306	280,984	1,868	701,471
New York.....	46,151	45,233	866	82	525,948	---	1,749	3,044	---	156,608	---	364,548
New Jersey.....	11,630	10,831	415	344	167,093	---	513	956	275	23,213	1,868	138,268
Pennsylvania.....	24,732	24,732	---	---	300,946	---	1,434	1,663	30	99,164	---	198,655
EAST NORTH CENTRAL.....	136,398	112,962	3,162	20,274	1,043,398	62	4,420	7,604	4,561	310,440	6,079	710,231
Ohio.....	45,079	39,459	605	5,015	277,614	---	1,119	1,786	---	92,109	520	182,082
Indiana.....	22,515	14,065	305	8,144	147,735	---	638	1,206	---	49,567	300	86,824
Illinois.....	52,328	50,872	1,456	298,634	298,634	---	869	2,179	2,361	39,132	2,277	253,601
Michigan.....	11,768	4,503	395	6,871	213,180	62	1,889	1,619	1,363	109,691	1,119	98,426
Wisconsin.....	4,708	4,063	402	243	106,235	---	610	815	1,907	19,941	3,662	80,289
WEST NORTH CENTRAL.....	30,674	18,902	544	11,228	432,807	7	2,815	4,075	232	94,975	15,931	314,772
Minnesota.....	14,220	7,482	---	6,739	100,407	1	573	794	168	32,238	983	65,650
Iowa.....	4,865	3,230	---	1,635	84,464	---	555	770	---	11,042	390	71,707
Missouri.....	3,320	3,320	---	---	102,709	2	1,115	1,343	---	34,228	7,468	58,916
North Dakota.....	1,261	---	---	594	19,814	---	115	173	---	4,726	---	14,305
South Dakota.....	2,666	298	302	2,066	22,979	---	144	---	58	3,557	337	18,884
Nebraska.....	770	333	242	195	35,531	4	295	349	7	1,912	207	32,758
Kansas.....	2,978	2,978	---	---	66,902	---	381	646	---	7,272	6,051	52,553

	55,616	45,974	3,780	5,862	561,695	89	3,986	10,297	12,331	274,364	143,515	117,114
SOUTH ATLANTIC.....												
Delaware.....	1,173	1,127	13	33	9,838		147	100	12	7,483		2,096
Maryland.....	10,330	10,208	64	58	20,337		302	618	659	24,400		17,630
District of Columbia.....					23,595		87	90		3,368		20,060
Virginia.....	11,104	7,873	84	3,147	76,851	7	606	1,472	695	28,104		16,250
West Virginia.....	2,652	7,366	111	2,175	62,418		418	1,056	1,284	38,232		7,568
North Carolina.....	10,152	9,707	307	2,138	111,336		800	2,530	5,727	96,993		21,626
South Carolina.....	4,210	3,897	171	172	52,176	15	481	1,389	1,882	23,078		4,079
Georgia.....	5,803	3,450	2,332	139	98,349	54	724	2,044	840	36,251		15,032
Florida.....	10,101	9,345	677	139	86,775	13	351	798	1,133	40,454		15,355
												23,073
EAST SOUTH CENTRAL.....												
Alabama.....	15,594	12,257	1,092	2,244	250,348	87	2,684	7,233	10,396	129,076		43,836
Kentucky.....	2,039	1,653	370	616	60,071		674	1,766	2,433	24,421		15,776
Tennessee.....	11,356	9,848	365	1,143	89,006	17	687	1,767	7,490	40,124		9,805
Mississippi.....	1,662	819	357	486	66,298	17	702	2,149	331	47,040		8,747
Louisiana.....	2,537	537			34,972	4	621	1,611	142	17,491		7,312
												10,943
WEST SOUTH CENTRAL.....												
Arkansas.....	104,691	98,428	1,510	4,753	499,150	38	2,899	8,247	11,899	208,350		238,875
Louisiana.....	10,209	9,379	830		45,006	6	523	1,439	291	21,803		20,059
Oklahoma.....	10,073	6,461	352	3,260	72,730	7	518	2,201	2,823	38,131		3,058
Oklahoma.....	3,506	2,1,085	328	1,493	62,444	3	504	1,217	136	29,531		29,615
Texas.....	80,904	80,904			318,970	22	1,355	3,390	8,649	118,885		186,144
MOUNTAIN.....												
Montana.....	18,862	16,086	890	1,286	195,525		1,331	1,943	1,722	65,509		102,948
Idaho.....	1,945	1,843	102	946	25,735		165	166	439	4,227		11,424
Wyoming.....	1,883	1,772	164	946	20,838		165	222	152	4,476		13,554
Colorado.....	982	947	18	18	11,595		155	105	20	3,143		6,811
New Mexico.....	4,280	3,985	295	20	47,369		211	420	20	8,964		5,180
Arizona.....	2,845	2,845			21,106		164	231	47	17,731		1,845
Arizona.....	4,700	4,679	81		30,639		157	311	258	12,003		288
Utah.....	3,546	3,059	230	257	31,277		160	444	562	12,611		17,625
Nevada.....	622	557		65	6,966		155	44	244	2,353		17,500
												1,585
PACIFIC.....												
Washington.....	105,258	102,235	2,432	591	657,444	47	1,552	2,894	3,248	271,451		367,832
Oregon.....	5,902	3,969	1,342	591	109,704		315	478	1,061	65,091		41,192
California.....	6,362	6,271	291		38,411		211	363	7	18,169		38,761
California.....	92,794	91,995	799		489,269	47	1,025	2,052	2,181	188,191		287,879
Outlying parts of the United States.....												
Alaska.....					2,694			6	50	1,836		802
Canal Zone.....					1,150							
Hawaii.....					16,265		155	75		13,313		2,721
Puerto Rico.....					32,213		492	2,618	3,105	24,498		1,500

<sup>3</sup> Estimated.

<sup>2</sup> Cities only.

<sup>1</sup> Less than \$500.



Table 25.—Percentage analysis of revenue receipts, by State, 1947-48

STATE, BY REGION	From taxation and appropriation			From permanent school funds and leases of school funds			From all other sources except sub-sidies from educational foundations and the Federal Government			From Federal Government			Total					
	County		Local	State		County	Local	State		County	Local	From Federal Government		Taxing unit		Sub-sidies from educational foundations		
	State	County	Local	State	County	Local	State	County	Local	State	County	Local	State	County	Local			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Continental United States</b>	38.2	4.9	49.9	0.7	0.2	(?)	(?)	.3	3.1	0.6	1.1	1.0	(?)	2.8	38.9	5.3	53.0	(?)
NEW ENGLAND	18.0		78.3	.1		0.2	(?)		1.5	.6	1.0	.3		1.9	18.2		79.9	
Maine	26.5		65.8	.4		.9			4.2	.9	1.3	(?)		2.3	26.8		70.9	
New Hampshire	17.0		79.5			.4			.5	1.2	1.1	.3		2.6	17.0		80.4	
Vermont	24.9		65.3	.6					5.6	1.6	1.4	.6		3.6	25.5		70.9	
Massachusetts	12.5		85.4	.1					.6	.5	.9			1.4	12.6		86.0	
Rhode Island	19.3		77.0	.1		.2			1.3	.9	1.0	.2		2.1	19.4		78.5	
Connecticut	24.7		71.0			.2	.1		1.8	.5	.9	.8		2.2	24.8		73.0	
MIDDLE ATLANTIC	30.7	.2	65.3	.1			.1	(?)	2.6	.4	.6	(?)		1.1	30.8	.2	67.9	
New York	32.4		64.5	.1			.1		1.9	.4	.6			1.0	32.6		66.4	
New Jersey	15.9	1.0	80.6	.3			(?)	.1	1.0	.3	.6	.2		1.1	16.2	1.2	81.5	
Pennsylvania	33.9		58.2	(?)					4.8	.5	.6	(?)		1.1	35.9		63.0	
EAST NORTH CENTRAL	34.1	.7	58.2	.1		.2	(?)	(?)	4.9	.5	.8	.5	(?)	1.8	34.2	.7	63.3	(?)
Ohio	39.5	.2	52.3	.1				(?)	6.6	.5	.8			1.3	39.6	.2	58.9	
Indiana	39.5	.4	57.4	.1			(?)		1.1	.5	1.0			1.5	39.6	.4	58.2	
Illinois	13.9	.1	75.4	(?)		.6			5.7	.5	.9	.9		2.3	13.9	.1	81.7	
Michigan	54.1	.6	41.1	.3			(?)		1.9	.4	.8	.7	.1	2.9	54.3	.6	43.0	(?)
Wisconsin	19.5	3.6	65.1	.1			(?)		9.4	.6	.8	.9		2.3	19.6	3.6	74.3	
WEST NORTH CENTRAL	21.8	2.1	65.7	1.8	1.7		.1	.1	4.9	.7	1.0	.1	(?)	1.8	23.6	4.0	70.6	(?)
Minnesota	32.8	.6	54.0	4.6			(?)	.5	5.7	.7	.9	.2	(?)	1.8	37.4	1.1	59.7	(?)
Iowa	13.7	.5	81.5	.2			(?)		2.4	.7	1.0			1.6	13.9	.5	84.0	
Missouri	34.4	.5	47.4		7.0		(?)		8.5	.8	1.4		(?)	2.1	34.4	7.5	56.0	(?)
North Dakota	20.8	2.8	65.8	5.5				.5	3.5	.6	1.0			1.6	26.3	2.8	69.3	
South Dakota	13.5	1.1	79.5	4.0			.1	.5	3	.7		.3		1.0	17.5	1.7	79.8	
Nebraska	2.3	.6	88.7	2.7			.5		3.3	.8	1.0		(?)	1.9	5.5	.6	92.0	(?)
Kansas	10.7	9.5	73.3	.6			(?)		4.3	.6	1.0			1.6	11.4	9.5	77.5	



	54.1	19.4	18.4	.1		(?)	1.8	1.0	.8	2.0	2.4	(?)	5.3	54.2	21.2	19.3	(?)
<b>SOUTH ATLANTIC</b> .....																	
Delaware.....	85.2	10.0	1.0	1.0		.1		.7	1.7	1.2	.1		3.0	86.4		10.6	
Maryland.....	40.7	29.1					.2	.2	.4	1.0	1.2		2.6	40.7		29.3	
District of Columbia.....	14.3	84.9							.5	1.4			2.6	14.3	27.4	85.0	
Virginia.....	42.8	22.0				(?)			.9	2.2	1.1	(?)	4.2	42.8	31.0	22.0	(?)
West Virginia.....	64.0	31.1				(?)	1	2.3	.7	1.8	2.3		4.8	64.0		31.2	
North Carolina.....	66.2	13.6				(?)	4.0	3.0	.9	2.5	5.7		9.0	66.2	17.6	7.2	
South Carolina.....	60.7	4.3				(?)	1.7	3.0	1.0	3.3	3.9	(?)	8.3	60.7	6.0	23.0	(?)
Georgia.....	57.9	18.8				(?)	1.4	1.3	1.2	3.3	1.3	.1	3.8	57.9	20.2	16.0	.1
Florida.....	52.1	20.1	.7			(?)	3.9	.3	.4	1.0	1.5	(?)	3.0	52.8	23.8	20.4	(?)
<b>EAST SOUTH CENTRAL</b> .....																	
Kentucky.....	54.7	19.9	15.7	.2		.1	.4	.3	1.1	3.1	4.4	.1	8.7	55.0	20.3	16.0	(?)
Tennessee.....	41.9	25.9	23.3	.2			(?)	.4	1.2	2.9	4.2	(?)	8.3	42.1	25.9	23.7	(?)
Alabama.....	51.4	26.1	8.8	.2		(?)	.4	.2	.9	2.3	9.6	.1	12.8	51.7	26.5	9.0	(?)
Mississippi.....	72.3	11.4	9.5	.3		.2	.7	.6	1.1	3.3	.5	(?)	4.9	72.8	12.1	10.2	(?)
Texas.....	50.6	12.1	30.2	.2			(?)		1.8	4.7	.4		6.9	50.8	12.1	30.2	(?)
<b>WEST SOUTH CENTRAL</b> .....																	
Arkansas.....	51.6	4.2	36.6	1.3	.5	(?)	(?)	(?)	.7	2.1	3.0	(?)	5.8	52.8	4.8	36.6	(?)
Louisiana.....	62.6	2.6	28.3			(?)	(?)		1.5	4.2	.8	(?)	6.5	62.7	2.5	28.3	(?)
Oklahoma.....	60.7	23.0	4.9	.2	2.1	(?)	.3	(?)	.8	3.5	4.5	(?)	8.8	60.9	23.4	4.9	(?)
Texas.....	47.7	2.4	44.3	2.4		(?)			.9	2.1	.2	(?)	3.2	50.1	2.4	44.3	(?)
<b>MOUNTAIN</b> .....																	
Montana.....	31.5	12.4	44.3	5.5	(?)	.1	(?)	3.3	.8	1.1	1.0		2.8	37.1	12.5	47.6	
Idaho.....	11.6	39.2	35.1	6.1		.1		4.7	.7	.7	1.8		3.2	17.8	39.2	39.8	
Wyoming.....	22.4	12.8	54.6	1.2				7.0	.9	1.1			2.0	23.6	12.8	61.6	
Colorado.....	10.6	11.6	53.3	19.0		(?)		1.6	1.5	1.0	1.4		3.9	29.6	11.6	54.9	
New Mexico.....	18.6	12.0	58.8	2.2		(?)		6.9	.5	1.0	(?)		1.5	20.8	12.0	65.7	
Arizona.....	75.9	5.3	4.9	11.1		.1			.8	1.1	2		2.2	87.5	5.4	4.9	
Utah.....	44.6	.7	49.7	1.5	.4	.3		1.2	.6	1.2	1.0		2.8	46.4	1.1	49.7	
Nevada.....	44.2		49.2	1.0		.1		1.2	.6	1.6	2.0		7.0	45.5	1.1	50.3	
<b>PACIFIC</b> .....																	
Washington.....	48.4	1.9	42.0	.7		(?)	(?)	5.6	.3	.5	.6	(?)	1.4	49.2	1.9	47.5	(?)
Oregon.....	61.3	1.6	25.6	1.3		.1		8.3	.3	.5	1.0		1.8	62.7	1.5	34.0	
California.....	34.6	1.7	49.9	.5		(?)		12.2	.4	.7	(?)		1.1	33.0	1.8	62.1	
<b>Outlying parts of the United States</b> .....																	
Alaska.....	68.2		29.8				.6			.2	1.8			68.1		29.8	
Hawaii.....	81.9	16.2							.9	.4				81.9	16.7	16.7	
Puerto Rico.....	76.1	4.7							1.5	8.1	9.6		19.3	76.0		4.7	

1 Totals are rounded separately and are not necessarily the sum of the component rounded percentages.

2 Less than 0.05 percent.

Table 26.—Current expenditure for administration (general control) and for instruction, by State, 1947-48  
[Thousands of dollars]

STATE, BY REGION	ADMINISTRATION (GENERAL CONTROL)					INSTRUCTION						Teaching supplies	Other supplies and expense	
	Total	Salaries and per diem			Supplies, travel, and other expense	Total	Instructional staff salaries			Salaries of clerical assistants	Free text-books			
		Members of boards of education	Administrative and professional staff	Chemical assistants			Total	Superintendents when separately reported	Principals when separately reported					Teachers and other instructional staff
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
<b>Continental United States</b>	<b>169,999</b>					<b>2,571,539</b>	<b>2,393,630</b>				<b>24,169</b>	<b>37,553</b>	<b>90,213</b>	<b>25,973</b>
NEW ENGLAND	8,771					152,276	142,714				904	2,450	5,690	518
Maine	822	75	523	66	159	12,298	11,143				1,100	425	552	78
New Hampshire	698	60	370	132	135	7,428	6,870				48	145	254	106
Vermont	478	1	289	76	109	3,675	3,267	257	365	4,046	41	133	198	36
Massachusetts	4,178					78,352	73,675					1,140	3,538	
Rhode Island	641	22	350	191	77	12,713	11,978	253	605	11,120	183	138	336	78
Connecticut	1,956		956	598	402	35,809	33,776	711	2,069	30,965	531	469	812	221
MIDDLE ATLANTIC	36,420	2,152	18,995	9,728	5,544	551,329	510,243	11,853	21,427	476,962	12,093	8,077	15,685	5,231
New York	15,947	2,152	5,715	5,182	2,898	293,227	273,882	6,908	11,676	255,298	7,375	2,704	6,387	2,678
New Jersey	7,270		4,043	1,761	1,465	91,129	84,169	1,800	3,915	78,454	2,050	1,395	2,983	532
Pennsylvania	13,203		9,237	2,785	1,181	166,974	152,191	3,145	5,836	143,210	2,669	3,979	6,114	2,021
EAST NORTH CENTRAL	31,355					531,936	497,677				3,403	6,784	18,341	5,731
Ohio	7,272	2,875	2,725	400	1,272	130,012	121,977	1,192	5,988	114,797	1,868	2,255	3,821	90
Indiana	2,625					76,446	73,486	1,914	5,474	66,098	762	1,924	1,924	274
Missouri	9,524					151,098	142,447					2,102	5,593	958
Illinois	8,415	773	3,695	329	3,618	117,506	107,280	1,124	5,263	100,893		1,300	4,856	4,010
Michigan	3,520					56,873	52,487	726	2,226	49,535	772	1,067	2,146	400
Wisconsin	19,755					251,065	227,187				755	4,827	12,544	5,752
WEST NORTH CENTRAL	4,457					56,312	48,488				1,622	1,382	2,180	3,639
Iowa	5,700					50,029	46,913					2,100	3,116	
Missouri	5,532					55,320	49,051	382	1,335	47,334		2,300	4,169	
North Dakota		27	349	18	138	12,928	10,634					303	394	1,597
South Dakota	1,150		647	169	433	13,974	13,084	32	603	12,449		413	318	159
Nebraska	2,220	338	1,544	43	295	25,262	23,333	251	1,026	22,056	133	629	811	357
Kansas	1,629					37,240	35,684		4,159	31,525			1,556	

	15,842	2	242	182	121	308,089	295,322	3,425	21,654	270,243	2,173	3,630	4,274	3,290
<b>SOUTH ATLANTIC</b>														
Delaware.....	547	2	242	182	121	5,221	4,935	58	203	4,674	37	92	109	47
Maryland.....	1,793	12	760	394	627	36,223	36,223	875	1,846	31,584	508	508	545	513
District of Columbia.....	1,434					12,737	12,066	204	1,752	11,100	231	132	243	14
Virginia.....	2,377	101	1,304	344	698	43,625	40,811	1,070	4,782	34,959	491	105	833	1,285
West Virginia.....	1,732	16	818	546	352	37,903	36,670	419	5,201	31,470	225	419	414	176
North Carolina.....	2,363	91	1,071	713	488	57,883	56,255	---	4,659	51,597	125	820	622	60
South Carolina.....	2,185	1	1,349	70	764	28,356	27,706	---	1,680	27,026	---	---	495	155
Georgia.....	2,170	106	1,099	620	344	41,990	39,992	544	1,085	38,365	---	927	435	606
Florida.....	2,240	209	587	574	870	44,781	42,581	674	2,476	39,431	713	536	527	424
<b>EAST SOUTH CENTRAL</b>														
Kentucky.....	8,253	108	4,093	1,626	2,365	141,903	135,745	1,224	5,118	129,393	517	1,603	3,149	888
Tennessee.....	2,515	60	1,571	371	513	36,469	35,083	---	2,778	32,305	196	485	419	287
Alabama.....	2,702	67	774	470	1,391	41,418	39,414	794	1,808	38,620	251	349	1,297	456
Mississippi.....	1,564	23	623	649	422	42,798	41,579	358	1,532	39,413	71	770	871	145
<b>WEST SOUTH CENTRAL</b>														
Arkansas.....	18,315					230,640	217,626	1,423	15,845	200,359	2,670	5,713	2,498	2,132
Louisiana.....	2,316	56	1,519	348	392	20,715	20,002	71	738	19,192	104	276	333	---
Oklahoma.....	2,554	132	881	643	899	36,908	34,100	498	2,853	30,749	163	1,254	226	1,165
Texas.....	2,325	19	1,125	136	198	41,809	40,311	251	3,618	36,442	---	500	999	---
<b>MOUNTAIN</b>														
Montana.....	11,120	1,607	7,197	703	1,613	131,207	123,214	603	8,636	113,975	3 2,404	3,682	3 940	3 967
Idaho.....	8,577					102,998	96,093	1,606	5,681	88,806	429	1,850	3,590	1,038
Wyoming.....	1,885	39	1,051	403	392	13,004	12,242	224	420	11,598	---	279	483	---
Colorado.....	1,834	47	487	165	135	10,297	9,473	119	461	8,894	51	247	447	79
New Mexico.....	735	41	437	168	89	6,128	5,675	---	310	5,365	---	145	170	139
Arizona.....	1,246					24,044	22,659	526	1,284	20,849	---	365	626	394
Utah.....	1,052	281	562	221	427	13,870	12,875	143	1,385	11,208	286	345	647	---
Nevada.....	1,492	29	465	260	187	16,062	15,005	262	1,854	14,008	191	118	589	159
<b>PACIFIC</b>														
Washington.....	1,942	304	304	19	67	15,908	14,766	45	770	13,734	188	267	493	104
Oregon.....	391					3,685	3,394	---	198	3,150	---	83	136	73
California.....	22,712					300,703	271,024	---	---	---	1,225	2,619	24,442	1,394
<b>Outlying parts of the United States</b>														
Alaska.....	3,552	160	2,002	932	458	50,450	46,684	550	3,349	42,785	892	831	1,782	261
Canal Zone.....	1,917	46	714	514	643	30,286	27,379	---	2,266	25,114	333	632	809	1,132
Hawaii.....	17,243					219,966	196,961	---	---	---	---	1,135	21,850	---
Puerto Rico.....														
	117					1,740	1,647	37	54	720	14	93	49	3
	73					899	811	79	634	10,678	491	21	370	22
	450	5	187	191	67	12,272	11,391	108	849	12,564	26	157	152	228
	1,335		830	344	160	14,145	13,581	---	---	---	---	---	---	---

1 Estimated.

2 Less than \$500.

3 Statistics, 1946-47.

Table 27.—Current expenditure for operation, maintenance, and auxiliary services, by State, 1947-48  
 [Thousands of dollars]

STATE, BY REGION	OPERATION OF PLANT				Maintenance (up-keep, replacement, and repairs)	AUXILIARY SERVICES											
	Total	Salaries	Fuel, light, water, and power	Supplies		Other	School services chargeable to pupils					Services not chargeable to pupils					
							Health service program	School lunch program	Total	Salaries	Supplies and expense	Contract service	Other school services	Public libraries under board of education	Other community public schools		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>Continental United States</b>	<b>356, 628</b>					<b>169, 536</b>	<b>336, 688</b>	<b>24, 748</b>	<b>69, 315</b>	<b>176, 265</b>				<b>24, 119</b>	<b>2, 277</b>	<b>38, 405</b>	<b>1, 560</b>
NEW ENGLAND	24, 778					9, 757	13, 750	2, 459	2, 573	7, 929				645		25	120
Maine	2, 139	1, 164	892		83	791	2, 225	220	278	1, 607							120
New Hampshire	1, 215	625	590			386	1, 563	153	452	890	30	8	853	68			
Vermont	974	428	472	50	23	498	824	32	150	617						25	
Massachusetts	13, 167					5, 428	5, 715	1, 618	989	2, 604				505			
Rhode Island	2, 177	1, 290	729	106	43	589	865	1, 187	231	375				72			
Connecticut	5, 106	2, 944	606	1, 275	281	2, 064	2, 558	249	474	1, 835	1, 187	594	54				
MIDDLE ATLANTIC	78, 177	48, 896	23, 038	3, 967	2, 287	34, 645	53, 237	11, 813	7, 450	24, 390				5, 255	631	3, 698	
New York	37, 018	23, 198	11, 200	1, 653	967	15, 128	25, 933	5, 418	4, 353	11, 280				2, 301		2, 582	
New Jersey	14, 964	8, 786	4, 080	730	318	8, 124	8, 989	2, 378	1, 435	3, 593				594		989	
Pennsylvania	26, 204	15, 912	7, 738	1, 573	961	11, 393	18, 315	4, 017	1, 663	9, 518	247	136	3, 210	2, 360	631	127	
EAST NORTH CENTRAL	102, 996	63, 005	31, 627	3, 937	4, 426	40, 798	87, 953	4, 882	17, 811	35, 310				3, 326	912	24, 639	1, 102
Ohio	23, 099	13, 176	6, 891		3, 032	9, 896	21, 891	855	10, 455	9, 200				504	23	564	290
Indiana	20, 267	11, 417	6, 508	1, 516	766	4, 394	12, 188	1, 775	4, 411	9, 001							
Illinois	28, 571	20, 406	6, 443	1, 723		13, 156	34, 969	1, 320	2, 245	3, 317							812
Michigan	21, 316	13, 096	7, 670		650	8, 558	13, 539	1, 637	7, 241	7, 241					890		
Wisconsin	9, 744	4, 911	4, 055	699	79	4, 252	5, 366	575	1, 043	3, 550	977	797	1, 776	647			
WEST NORTH CENTRAL	41, 799					16, 849	36, 281	984	3, 483	22, 267				9, 546			
Minnesota	10, 542	5, 559	3, 224	1, 758		3, 446	10, 881	816	794	7, 231				2, 040			
Iowa	8, 664					3, 962	7, 038		770	5, 012				1, 256			
Missouri	8, 841					3, 655	9, 823		1, 343	4, 413				4, 067			
North Dakota	2, 136	888	1, 034	178	36	760	1, 649	18	227	993			993	411			



South Dakota	2,302	1,896	263	124	19,984	1,842	1,905	150	349	909	397	277
Nebraska	3,814	1,994				2,371	4,144		2,990	2,184	1,154	
Kansas	5,502	3,508					48,419	843	11,106	27,584	630	5,794
SOUTH ATLANTIC												
Delaware	660	384	30	9	523	543	543	79	100	349	31	318
Maryland	3,731	2,092	210	151	2,201	3,245	3,245	161	651	2,339	162	161
District of Columbia	2,401				1,120	1,107			90	24		25
Virginia	4,063	2,103	285	118	2,644	6,701	6,701	217	1,733	4,525	2,076	1,437
West Virginia	4,027	2,217	291	71	2,739	4,611	4,611	136	1,222	2,957	1,012	1,122
North Carolina	3,840	1,978	232	54	3,733	14,702	14,702		2,445	6,593	1,817	246
South Carolina	1,843	1,066	(1)	(1)	1,553	5,968	5,968	31	1,889	4,644	702	830
Georgia	2,577	1,170	214	105	2,517	8,052	8,052	220	2,202	3,336	1,078	160
Florida	3,132	1,915		300	2,950	4,370	4,370	220	1,076	2,818	1,117	1,054
EAST SOUTH CENTRAL												
Kentucky	10,908	5,256	363	995	8,936	24,648	24,648	343	7,009	16,329	313	19
Tennessee	3,427	1,665	223	82	1,935	5,495	5,495	108	1,773	3,274		340
Alabama	3,735	1,923	(1)	324	3,362	5,607	5,607	209	1,426	3,751	966	1,618
Mississippi	2,843	1,057	(1)	(1)	2,326	7,006	7,006	26	2,149	4,517		294
West South Central	1,403	611	140	589	1,312	6,540	6,540		1,661	4,787	93	
Arkansas	18,017				11,460	29,423	29,423	1,857	7,778	18,821	491	85
Louisiana	2,067	868	(1)	(1)	1,080	4,443	4,443		1,439	2,863	631	141
Oklahoma	2,522	1,569	183	20	2,611	7,761	7,761	201	2,515	4,569	85	391
Texas	4,411	2,451	985	942	2,628	5,823	5,823		1,217	4,256	350	
MOUNTAIN												
Montana	13,488	1,139			7,192	16,031	16,031	928	3,727	9,266	1,856	213
Idaho	2,132	857	132	62	713	2,690	2,690	363	209	1,712	407	477
Wyoming	1,902	475	71	53	40	2,085	2,085	40	222	1,346	829	517
Colorado	3,115	1,723	221	114	1,562	2,910	2,910	218	94	861	11	125
New Mexico	1,345	1,011			1,011	2,260	2,260		231	1,726	675	608
Arizona	1,930	1,290	151	84	1,207	1,354	1,354	136	416	802	392	146
Utah	1,829	1,100	141	36	1,318	3,332	3,332	97	2,029	1,028	414	488
Nevada	1,543	206	49		258	269	269	36	32	201	60	55
PACIFIC												
Washington	40,192				19,915	26,947	26,947	669	8,378	14,368	523	3,009
Oregon	7,379	4,403	642		3,528	5,339	5,339	459	867	3,588	1,683	426
California	4,268	2,504	364	128	2,219	3,821	3,821	210	2,724	3,849	523	2,384
Outlying parts of the United States												
Alaska	288				49	143	143	43	6	94		
Canal Zone	71			(9)	18	955	955	180	389	141	141	120
Hawaii	825				271	6,306	6,306	35	5,961	26	19	265
Puerto Rico	612	513	41									

\* Less than \$500.

† Statistics, 1946-47.

‡ Included with fuel, light, water, and power.



Table 28.—Current expenditure for fixed charges, and total current expenditure, by State, 1947-48  
[Thousands of dollars]

STATE, BY REGION	FIXED CHARGES										NET CHARGEABLE TO PUPILS						
	Total	Chargeable to pupils					Not chargeable to pupils (refunds of taxes, etc.)	Total current expenditure in full-time day schools	Amount not chargeable to pupils (included in previous columns)	Amount		Amount per pupil in average daily attendance (in dollars)					
		Chargable to pupils											Other	Rent	Insurance and judgments	School board contributions to retirement	State contributions to retirement
		3	4	5	6	7											
2	3	4	5	6	7	8	9	10	11	12							
<b>Continental United States</b>																	
NEW ENGLAND	190,311	97,707	55,666	23,996	2,313	9,972	656	3,794,702	42,897	3,751,804	179,43						
Maine	9,745	7,029	1,858	790	29	36	4	219,077	149	218,928	200.97						
New Hampshire	474	315	159	104	---	---	---	18,750	120	18,630	133.04						
Vermont	349	44	202	104	---	---	---	11,640	---	11,640	187.15						
Massachusetts	511	370	20	94	7	16	4	8,958	29	8,929	166.99						
Rhode Island	4,649	3,933	1,710	---	---	6	---	111,490	---	111,490	213.98						
Connecticut	940	539	322	76	3	---	---	17,925	---	17,925	220.69						
Connecticut	2,822	1,828	604	356	19	14	---	50,315	---	50,315	217.44						
MIDDLE ATLANTIC	58,693	17,231	34,843	5,093	729	619	176	812,501	4,505	807,996	228.07						
New York	33,743	324	30,161	2,350	363	378	176	420,995	2,758	418,237	256.90						
New Jersey	9,288	8,045	263	908	82	20	---	138,764	989	138,764	250.59						
Pennsylvania	15,662	8,862	4,429	1,835	314	221	---	251,753	758	250,995	184.42						
EAST NORTH CENTRAL	36,396	24,027	4,511	5,231	566	1,707	353	831,433	27,007	804,426	204.74						
Ohio	9,152	7,373	430	882	112	262	92	201,324	969	200,355	191.61						
Indiana	3,810	2,807	2,251	875	129	---	---	120,270	---	120,270	217.35						
Illinois	8,360	4,188	2,251	1,821	---	---	---	246,678	24,887	220,791	238.17						
Michigan	9,519	5,500	4,500	---	115	1,413	---	178,853	890	177,963	193.47						
Wisconsin	5,554	4,159	329	562	211	32	261	85,309	261	85,048	191.47						
WEST NORTH CENTRAL	12,473	1,056	5,381	3,011	85	2,940	---	378,221	---	378,221	186.73						
Minnesota	2,649	293	1,324	1,032	(?)	---	---	88,287	---	88,287	213.06						
Iowa	2,147	23	558	1,483	---	1,566	---	75,907	---	75,907	188.98						
Missouri	3,800	---	2,407	---	---	---	---	87,229	---	87,229	164.08						
North Dakota	321	---	59	---	33	55	---	18,356	---	18,356	182.07						
South Dakota	374	108	---	---	---	266	---	19,552	---	19,552	193.65						
Nebraska	1,379	487	---	293	52	348	---	36,122	---	36,122	180.97						
Kansas	1,883	145	1,033	---	---	705	---	52,768	---	52,768	100.00						

STATE SCHOOL SYSTEMS

	24, 463	15, 807	3, 754	3, 474	222	1, 206	443, 670	6, 701	436, 968	130, 72
<b>SOUTH ATLANTIC.....</b>										
Delaware.....	227	162	18	39	.....	8	7, 721	7	7, 715	204, 19
Maryland.....	4, 120	2, 598	1, 314	186	19	2	51, 312	69	51, 243	192, 80
District of Columbia.....	1, 707	.....	1, 707	.....	.....	.....	18, 566	53	18, 513	218, 94
Virginia.....	2, 786	2, 202	463	466	56	66	62, 256	287	61, 970	124, 79
West Virginia.....	3, 069	3, 598	329	803	33	98	54, 081	253	53, 828	141, 82
North Carolina.....	4, 804	1, 896	372	372	28	40	87, 329	5, 607	87, 329	108, 74
South Carolina.....	2, 268	2, 247	384	601	.....	113	42, 174	.....	42, 174	112, 39
Georgia.....	3, 374	2, 247	384	601	28	113	60, 649	179	60, 470	103, 50
Florida.....	2, 107	652	544	544	33	879	59, 581	187	59, 394	160, 85
<b>EAST SOUTH CENTRAL.....</b>										
Kentucky.....	7, 309	4, 767	221	1, 819	164	234	201, 956	759	201, 197	100, 07
Tennessee.....	1, 550	956	.....	439	67	37	51, 391	392	51, 000	112, 15
Alabama.....	2, 219	1, 350	201	454	50	110	59, 043	53	58, 989	58, 62
Mississippi.....	2, 908	2, 222	5	604	25	52	58, 945	314	58, 632	106, 28
.....	632	3 239	14	321	22	36	32, 577	.....	32, 577	71, 42
<b>WEST SOUTH CENTRAL.....</b>										
Arkansas.....	14, 683	11, 474	290	2, 071	257	591	322, 537	476	322, 061	146, 36
Louisiana.....	1, 394	830	.....	551	.....	564	32, 014	.....	32, 014	92, 93
Oklahoma.....	3, 286	2, 397	290	.....	21	26	55, 166	470	55, 166	144, 91
Texas.....	9, 207	7, 452	.....	4 1, 520	4 235	.....	57, 790	.....	57, 790	144, 49
<b>MOUNTAIN.....</b>										
Montana.....	6, 403	1, 155	3, 003	1, 368	171	689	154, 689	291	154, 398	163, 44
Idaho.....	956	.....	529	410	.....	98	21, 380	17	21, 362	246, 80
Wyoming.....	1, 076	57	702	205	13	13	16, 708	.....	16, 708	162, 89
Colorado.....	230	6	102	97	14	11	9, 527	125	9, 402	186, 44
New Mexico.....	1, 875	.....	1, 210	232	62	371	34, 753	.....	34, 753	188, 18
Arizona.....	659	459	.....	205	27	201	20, 196	.....	20, 196	186, 49
Utah.....	821	165	420	205	.....	3	22, 865	.....	22, 865	203, 62
Nevada.....	604	390	39	150	20	6	23, 933	149	23, 784	179, 40
.....	182	78	.....	70	34	.....	5, 328	.....	5, 328	230, 74
<b>PACIFIC.....</b>										
Washington.....	20, 148	15, 162	1, 807	1, 138	91	1, 950	430, 617	3, 009	427, 607	216, 95
Oregon.....	6, 968	6, 248	.....	630	91	.....	77, 216	426	76, 790	237, 05
California.....	2, 315	1, 807	1, 807	509	.....	.....	44, 827	.....	44, 827	217, 38
.....	10, 864	8, 914	(5)	.....	.....	1, 950	308, 574	2, 584	305, 990	212, 38
<b>Outlying parts of the United States</b>										
Alaska.....	77	28	.....	1	.....	50	2, 414	.....	2, 414	288, 18
Canal Zone.....	1	.....	.....	.....	.....	.....	1, 061	.....	1, 061	141, 78
Hawaii.....	724	496	1	18	208	.....	15, 343	120	15, 223	193, 18
Puerto Rico.....	.....	.....	.....	.....	.....	.....	23, 392	284	23, 108	68, 40

1 Partly estimated.  
 2 Included with insurance and judgments.  
 3 Estimated.  
 4 Statistics, 1946-47.  
 5 Included with State contributions to retirement.

Table 29.—Expenditures for capital outlay, by State, 1947-48  
[Thousands of dollars]

STATE, BY REGION	SITES AND BUILDINGS						EQUIPMENT			
	Total capital outlay	Total	Sites when not included with buildings	New buildings	Additions to buildings	Improvements to buildings	Total	Library books	Laboratory equipment furniture and fixtures	Busses
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
<b>Continental United States.</b>										
NEW ENGLAND.....	412,467	8,299					1,013			
Maine.....	692	486		384		102	206		31	175
New Hampshire.....	555	341		179	44	117	213			
Vermont.....	547	532		300	161	72	15	15		
Massachusetts.....	3,166									
Rhode Island.....	154	31	8	8		16	123		123	
Connecticut.....	4,198	3,743	119	3,389		264	456			
MIDDLE ATLANTIC.....	49,755	38,895	5,367	28,159	4,088	1,282	10,860	527	6,533	3,800
New York.....	27,384	22,563	2,165	19,361	546	491	4,821	344	2,320	2,157
New Jersey.....	8,798	7,722	4,183	4,181	2,389		1,004	183	712	109
Pennsylvania.....	13,645	8,610	2,049	4,617	1,183	791	5,035		3,501	1,534
EAST NORTH CENTRAL.....	73,513	51,279					22,234			
Ohio.....	18,795	11,868	2,515	5,847	2,307	1,139	6,227		3,122	3,805
Indiana.....	6,822	4,301	845	1,773		1,683	2,321		2,122	399
Illinois.....	25,531	20,210				908	5,320			2,358
Michigan.....	17,138	12,050	1,437	9,705		977	2,830		2,830	2,258
Wisconsin.....	5,228	2,850	730	1,143			2,378	234	1,995	548
WEST NORTH CENTRAL.....	24,548									
Minnesota.....	4,835	2,432					2,403	362	2,041	(1)
Iowa.....	6,837	3,173		2,236	937		3,664			
Missouri.....	7,569									
North Dakota.....	622	188	34	154			435			435
South Dakota.....	833	427	82		345		407	78	328	
Nebraska.....	1,315	766		458	308		549	93	456	
Kansas.....	2,537	1,474		1,474			1,063		451	612

STATE SCHOOL SYSTEMS

SOUTH ATLANTIC.....	69,015	60,077					8,938			
Delaware.....	1,072	850	38	812	694	222	20	184	18	
Maryland.....	10,741	9,970	1,023	5,488	2,765	771	59	518	194	
District of Columbia.....	8,155	9,103	481	8,692		52		52		
Virginia.....	8,844	7,262	462	6,161	639	1,582		1,025	557	
West Virginia.....	4,001	2,209	240	1,263	403	1,792	227	792	773	
North Carolina.....	13,937	13,220		9,239	3,968	1,710	149	19	543	
South Carolina.....	3,837	2,821		3,009		1,043				
Georgia.....	4,784	4,784		3,009	514					
Florida.....	12,618	9,852	784	5,552	679	2,766	161	1,535	1,071	
EAST SOUTH CENTRAL.....	19,041									
Kentucky.....	4,211	2,351	265	1,547	539	1,860	225	855	780	
Tennessee.....	9,155	6,788	382	5,876	530	2,367		1,909	999	
Alabama.....	5,089	3,590		2,661	929	1,499		1,907	592	
Mississippi.....	7,586									
WEST SOUTH CENTRAL.....	31,002	22,131	1,533	16,351	1,292	8,871		3,282	5,589	
Arkansas.....	7,516	5,463	398	3,921	435	2,053	(1)	516	1,537	
Louisiana.....	6,635	5,671	310	5,361	(2)	963	(1)	861	861	
Oklahoma.....	2,396	555	555			1,841		1,066	775	
Texas.....	14,455	10,441	269	7,069	857	4,014		1,839	3,175	
MOUNTAIN.....	22,222									
Montana.....	1,287	688						497	(1)	
Idaho.....	2,229	1,557	70	1,103	384	672	102	290	373	
Wyoming.....	848	413				435	42	213	180	
Colorado.....	6,078	3,884	141	2,602	259	2,194		900	1,204	
New Mexico.....	2,675			883						
Arizona.....	5,918	4,836	452	3,813	300	1,082		871	212	
Utah.....	2,622	2,047	294	836	111	575	47	130	398	
Nevada.....	566	409	38	261	111	156		114	42	
PACIFIC.....	114,059									
Washington.....	20,020	17,159		16,400	699	2,861	472	890	1,499	
Oregon.....	31,897	9,429	545	7,969	343	2,468	597	1,871	(1)	
California.....	82,142									
<b>Outlying parts of the United States</b>										
Alaska.....	275									
Canal Zone.....	27					27				
Hawaii.....	859	658	186	472		108		108		
Puerto Rico.....	1,257	1,180	409	770		78	1	77		

<sup>1</sup> Included with laboratory equipment, furniture, and fixtures.

<sup>2</sup> Cities only.

<sup>3</sup> Included with new buildings.







	443,670	69,015	6,194	518,878	6,447	525,326	14,080	5,286	1,302	304
<b>SOUTH ATLANTIC</b> .....										
Delaware.....	7,721	1,072	77	8,870	12	8,882	217			
Maryland.....	51,312	10,741	1,227	63,270	1,332	64,611	3,063	188	29	5
District of Columbia.....	18,566	9,155		27,721	448	28,168				65
Virginia.....	62,256	8,844	369	71,469	1,573	73,042	1,602		103	
West Virginia.....	54,081	4,001	352	58,434		58,434	741			20
North Carolina.....	87,920	13,937	1,530	102,796	126	102,922	3,307		141	
South Carolina.....	47,174	3,864	411	46,449	1,738	48,207	1,103	1,431		
Georgia.....	60,649	4,784	408	53,841	187	56,028	1,249	3,208		144
Florida.....	59,381	12,618	1,820	74,020	1,012	75,032	2,708	400		70
<b>EAST SOUTH CENTRAL</b> .....										
201,956	19,041	1,057	222,054	7,007	229,061	3,604	62	315		
Kentucky.....	51,391	4,211	419	56,022	1,601	57,623	1,084			
Tennessee.....	59,043	9,155	291	68,488	5,054	73,542	1,108	30		
Alabama.....	38,945	5,089	297	64,332	352	64,684	1,234	32		
Mississippi.....	32,577	1,586	150	33,212		33,212	1,178			
<b>WEST SOUTH CENTRAL</b> .....										
322,537	31,002	9,825	363,364	24	363,388	6,556	430			76
Arkansas.....	32,014	7,516	679	40,209		40,209	1,683	98		10
Louisiana.....	55,642	6,635	1,319	63,596	24	63,619	2,440	332		50
Oklahoma.....	57,790	2,396	694	60,881		60,881	1,518			17
Texas.....	177,091	14,455	7,133	198,679		198,679	1,905			
<b>MOUNTAIN</b> .....										
154,989	22,222	2,039	178,950	238	179,188	7,310	311	1,396		641
Montana.....	21,380	1,287	83	22,749		22,749	778			
Idaho.....	16,708	2,229	198	19,135		19,135	866			
Wyoming.....	9,527	848	182	10,558		10,558	582			622
Colorado.....	34,753	6,078	575	41,405		41,405	1,747			
New Mexico.....	20,196	2,675	230	23,101		23,101	975	1,169		
Arizona.....	22,865	5,918	375	29,158		29,158	1,625			
Utah.....	23,933	2,622	287	26,842	238	27,079	586	227	311	19
Nevada.....	5,328	566	108	6,001	1	6,002	152			
<b>PACIFIC</b> .....										
430,617	114,059	8,463	553,139	553,139		553,139	21,894	5,477		236
Washington.....	77,916	20,090	716	97,052		97,052	2,003	5,477		
Oregon.....	44,827	11,897	530	57,254		57,254	1,262			236
California <sup>3</sup> .....	308,374	82,142	7,217	397,933		397,933	18,629			
<b>Outlying parts of the United States</b> .....										
Alaska.....	2,414	275		2,689		2,689				
Canal Zone.....	1,061	27	7	1,088		1,088				
Hawaii.....	15,343	859	108	16,181		16,181				
Puerto Rico.....	23,392	1,257	283	24,649		24,649				

<sup>3</sup> Excludes junior colleges.

<sup>2</sup> Estimated.

<sup>1</sup> Cities only.

Table 31.—Expenditure for public elementary and secondary education per capita of population and per pupil in average daily attendance, by State, 1947-48

STATE, BY REGION	ANNUAL EXPENDITURE FOR EDUCATION					Daily expenditure per pupil in average daily attendance	Expenditure per pupil 5-17 years of age
	Per capita of population	Per pupil in average daily attendance for—					
		Total	Current expenditure (less community services)	Interest	Capital outlay		
1	2	3	4	5	6	7	8
<b>Continental United States.....</b>	<b>\$29.32</b>	<b>\$202.81</b>	<b>\$179.43</b>	<b>\$3.65</b>	<b>\$19.73</b>	<b>\$1.14</b>	<b>\$141.97</b>
<b>NEW ENGLAND.....</b>	<b>25.15</b>	<b>211.22</b>	<b>200.97</b>	<b>1.70</b>	<b>8.55</b>	<b>1.18</b>	<b>134.49</b>
Maine.....	21.73	138.48	133.04	.50	4.94	.77	100.06
New Hampshire.....	23.42	196.90	187.15	.83	8.92	1.12	121.25
Vermont.....	26.28	177.91	166.99	.68	10.24	1.05	120.78
Massachusetts.....	24.75	220.30	213.98	.24	6.08	1.23	135.35
Rhode Island.....	25.35	232.55	220.69	9.96	1.90	1.29	140.95
Connecticut.....	27.79	238.86	217.44	3.28	18.14	1.32	155.70
<b>MIDDLE ATLANTIC.....</b>	<b>30.22</b>	<b>250.12</b>	<b>228.07</b>	<b>8.01</b>	<b>14.04</b>	<b>1.37</b>	<b>165.95</b>
New York.....	32.74	284.48	256.90	10.76	16.82	1.55	188.39
New Jersey.....	32.10	274.63	250.59	8.28	15.76	1.50	185.98
Pennsylvania.....	25.93	199.06	184.42	4.61	10.03	1.09	131.11
<b>EAST NORTH CENTRAL.....</b>	<b>31.06</b>	<b>227.30</b>	<b>204.74</b>	<b>3.85</b>	<b>18.71</b>	<b>1.26</b>	<b>158.66</b>
Ohio.....	28.66	214.00	191.61	4.42	17.97	1.20	148.54
Indiana.....	32.75	231.82	217.35	2.14	12.33	1.33	162.18
Illinois.....	32.99	253.28	223.19	4.28	25.81	1.36	181.21
Michigan.....	32.31	222.97	198.47	5.39	19.11	1.24	154.96
Wisconsin.....	27.52	203.85	191.47	.61	11.77	1.14	133.94
<b>WEST NORTH CENTRAL.....</b>	<b>29.41</b>	<b>200.52</b>	<b>186.73</b>	<b>1.67</b>	<b>12.12</b>	<b>1.13</b>	<b>145.68</b>
Minnesota.....	31.94	226.14	213.06	1.41	11.67	1.31	156.70
Iowa.....	31.92	207.57	188.98	1.57	17.02	1.17	165.09
Missouri.....	24.59	180.03	164.08	1.71	14.24	.99	124.29
North Dakota.....	32.86	189.70	182.07	1.46	6.17	1.11	133.74
South Dakota.....	33.75	204.24	193.65	2.34	8.25	1.18	147.30
Nebraska.....	29.59	190.21	180.97	2.65	6.59	1.07	146.03
Kansas.....	29.37	201.32	190.86	1.28	9.18	1.22	149.62
<b>SOUTH ATLANTIC.....</b>	<b>26.40</b>	<b>153.22</b>	<b>130.72</b>	<b>1.85</b>	<b>20.65</b>	<b>.86</b>	<b>111.42</b>
Delaware.....	29.57	234.60	204.19	2.05	28.36	1.31	152.94
Maryland.....	29.36	237.83	192.80	4.62	40.41	1.28	152.85
District of Columbia.....	32.12	327.21	218.94	-----	108.27	1.87	214.89
Virginia.....	23.42	143.34	124.79	.74	17.81	.80	102.69
West Virginia.....	30.58	153.29	141.82	.93	10.54	.89	117.10
North Carolina.....	27.07	129.34	108.74	2.04	18.56	.72	103.63
South Carolina.....	23.44	123.78	112.39	1.09	10.30	.71	83.84
Georgia.....	20.79	112.77	103.85	.70	8.22	.64	80.59
Florida.....	30.46	199.52	160.50	4.92	34.10	1.11	148.93
<b>EAST SOUTH CENTRAL.....</b>	<b>20.10</b>	<b>110.07</b>	<b>100.07</b>	<b>.53</b>	<b>9.47</b>	<b>.65</b>	<b>78.11</b>
Kentucky.....	19.62	122.33	112.15	.92	9.26	.71	78.35
Tennessee.....	21.54	124.85	107.62	.53	16.70	.71	88.83
Alabama.....	22.18	116.04	106.28	.54	9.22	.66	83.22
Mississippi.....	15.71	72.81	71.42	1.11	1.28	.48	56.87

See footnotes at end of table.

**Table 31.—Expenditure for public elementary and secondary education per capita of population and per pupil in average daily attendance, by State, 1947-48—Continued**

STATE, BY REGION	ANNUAL EXPENDITURE FOR EDUCATION					Daily expenditure per pupil in average daily attendance	Expenditure per pupil 5-17 years of age
	Per capita of population	Per pupil in average daily attendance for—			Capital outlay		
		Total	Current expenditure (less community services)	Interest			
1	2	3	4	5	6	7	8
WEST SOUTH CENTRAL.....	\$25.60	\$164.92	\$146.36	\$4.47	\$14.09	\$0.95	\$109.05
Arkansas.....	20.76	116.72	92.93	1.97	21.82	.69	79.47
Louisiana.....	24.54	165.80	144.91	3.46	17.43	.95	101.11
Oklahoma.....	26.53	152.22	144.49	1.74	5.99	.87	114.01
Texas.....	26.95	184.77	164.70	6.63	13.44	1.06	119.47
MOUNTAIN.....	38.16	223.83	193.44	2.55	27.84	1.28	162.98
Montana.....	44.52	262.62	246.80	.96	14.86	1.48	192.79
Idaho.....	32.65	186.55	162.89	1.93	21.73	1.09	142.80
Wyoming.....	37.04	216.86	195.44	3.79	17.63	1.32	173.08
Colorado.....	34.53	224.20	188.18	3.11	32.91	1.26	161.74
New Mexico.....	40.46	213.31	186.49	<sup>2</sup> 2.12	24.70	1.19	146.21
Arizona.....	41.42	259.66	203.63	3.34	52.70	1.51	172.53
Utah.....	40.06	201.35	179.40	2.17	19.78	1.15	159.77
Nevada.....	36.59	259.89	230.74	4.66	24.49	1.47	181.85
PACIFIC.....	38.26	279.11	216.95	4.29	57.87	1.59	214.73
Washington.....	39.77	301.06	237.05	2.21	61.80	1.68	211.10
Oregon.....	34.93	277.64	217.38	2.57	57.69	1.56	192.77
California.....	38.43	274.40	212.38	5.01	57.01	1.57	219.37
<b>Outlying parts of the United States</b>							
Alaska.....	<sup>3</sup> 33.20	321.06	288.18	-----	32.88	1.85	128.07
Canal Zone.....	<sup>3</sup> 22.98	145.35	141.78	-----	3.57	.78	135.99
Hawaii.....	30.36	203.82	193.18	-----	10.64	1.15	140.71
Puerto Rico.....	11.28	72.12	68.40	-----	3.72	.38	34.86

<sup>1</sup> Based on expenditures by cities reporting. Total State expenditure per pupil is higher than shown.

<sup>2</sup> Estimated.

<sup>3</sup> Based on 1944-45 data.

Table 32.—Cost value of public property used for public elementary and secondary school purposes, by State, 1947-48

STATE, BY REGION	VALUE OF (thousands of dollars)—				AVERAGE VALUE OF SCHOOL PROPERTY PER—		
	Total, including undivided items	Sites, when reported separately	Buildings	Equipment: furniture, libraries, apparatus, etc.	Pupil enrolled	Pupil in average daily attendance	Unit of population 5-17 years, inclusive
1	2	3	4	5	6	7	8
<b>Continental United States</b> .....	<b>9,212,746</b>				<b>\$355</b>	<b>\$441</b>	<b>\$306</b>
<b>NEW ENGLAND</b> .....	614,896				512	573	364
Maine.....	45,575		40,784	4,791	301	325	234
New Hampshire.....	20,931		18,954	1,977	307	337	207
Vermont.....	19,196				341	359	243
Massachusetts.....	348,150				589	660	411
Rhode Island.....	54,650		50,160	4,490	581	673	408
Connecticut.....	126,394		117,357	9,037	490	546	356
<b>MIDDLE ATLANTIC</b> .....	2,487,242		2,071,281	219,012	611	702	463
New York.....	1,369,539	158,890	1,088,372	122,276	713	841	554
New Jersey.....	370,035	38,058	305,185	26,791	586	668	450
Pennsylvania.....	747,668		677,723	69,945	494	549	361
<b>EAST NORTH CENTRAL</b> .....	2,000,215		1,652,687	207,370	451	509	345
Ohio.....	416,863	52,952	318,335	45,576	362	399	276
Indiana <sup>1</sup> .....	211,289	47,205	147,408	16,677	321	382	267
Illinois.....	644,637		590,533	54,104	567	652	424
Michigan.....	478,776	40,000	379,305	59,471	480	534	369
Wisconsin.....	248,649		217,106	31,542	507	560	367
<b>WEST NORTH CENTRAL</b> .....	947,355				402	468	340
Minnesota.....	208,065	14,637	168,325	125,103	433	502	348
Iowa.....	168,858		168,858		364	420	334
Missouri.....	229,900		200,684	29,216	369	432	299
North Dakota.....	46,836				416	465	328
South Dakota.....	51,748		45,399	6,350	452	513	370
Nebraska.....	91,336		83,080	8,256	405	458	351
Kansas.....	150,611		134,320	16,292	451	545	405
<b>SOUTH ATLANTIC</b> .....	906,524		752,292	95,197	236	271	195
Delaware.....	21,000		19,135	1,866	483	556	362
Maryland.....	105,713	11,560	90,265	3,887	350	398	255
District of Columbia.....	260,000	8,000	47,000	5,000	615	710	465
Virginia.....	143,149		128,838	14,311	255	288	206
West Virginia.....	122,669	11,843	91,784	19,043	290	323	246
North Carolina.....	166,067		147,479	18,588	196	221	167
South Carolina.....	71,521	4,799	60,471	6,251	156	191	129
Georgia.....	113,860	7,344	91,920	14,596	163	196	139
Florida.....	102,543	15,489	75,399	11,656	252	277	206
<b>EAST SOUTH CENTRAL</b> .....	317,256				136	158	112
Kentucky.....	108,237		96,916	11,322	198	238	151
Tennessee.....	375,000				119	137	97
Alabama <sup>4</sup> .....	66,711	7,189	52,808	6,714	103	121	86
Mississippi.....	67,308				130	148	115
<b>WEST SOUTH CENTRAL</b> .....	658,982				255	299	198
Arkansas.....	69,432	4,111	57,362	7,959	172	202	137
Louisiana.....	108,490	6,287	88,941	13,262	245	285	172
Oklahoma <sup>5</sup> .....	97,731				214	244	153
Texas <sup>6</sup> .....	383,330	29,154	279,861	74,314	300	356	231

See footnotes at end of table.

Table 32.—Cost value of public property used for public elementary and secondary school purposes, by State, 1947-48—Continued

STATE, BY REGION	VALUE OF (thousands of dollars)—				AVERAGE VALUE OF SCHOOL PROPERTY PER—		
	Total, including undivided items	Sites, when reported separately	Buildings	Equipment: furniture, libraries, apparatus, etc.	Pupil enrolled	Pupil in average daily attendance	Unit of population 5-17 years, inclusive
1	2	3	4	5	6	7	8
MOUNTAIN.....	338,324				370	424	308
Montana.....	42,413		36,481	5,932	435	490	359
Idaho.....	34,437		29,763	4,674	298	336	257
Wyoming.....	20,074		20,074	(7)	366	417	329
Colorado.....	83,209		73,445	9,763	386	451	325
New Mexico.....	38,696				284	357	245
Arizona.....	54,170	2,934	43,503	7,733	435	482	321
Utah.....	51,039		46,022	5,017	355	385	304
Nevada.....	14,286		12,483	1,803	550	619	433
PACIFIC.....	941,953				430	478	366
Washington.....	174,211		155,656	18,555	440	538	375
Oregon.....	92,742	8,476	72,319	11,946	399	450	312
California <sup>2</sup> .....	675,000				432	468	372
<b>Outlying parts of the United States</b>							
Alaska.....	3,147				297	376	150
Canal Zone.....	3,808				471	509	476
Puerto Rico.....	21,112	1,937	16,858	2,317	56	62	30

<sup>1</sup> Statistics, 1945-46.<sup>2</sup> Estimated by D. C.<sup>3</sup> Estimated.<sup>4</sup> Statistics, 1943-44.<sup>5</sup> Statistics, 1939-40.<sup>6</sup> Statistics, 1946-47.<sup>7</sup> Not available.



Table 33.—Permanent school funds, school lands, and debt funds, by State, 1947-48

[All amounts in thousands]

STATE, BY REGION	VALUE OF PERMANENT SCHOOL FUNDS				Number of acres of school land	Estimated value of school lands	Amount in interest and bond accounts for serial bonds	Amount in sinking funds for term bonds
	Total	State	County	Local				
1	2	3	4	5	6	7	8	9
<b>Total for 43 States.</b>	<b>\$694,154</b>	<b>\$654,980</b>	<b>\$12,253</b>	<b>\$26,921</b>	<b>30,113</b>	<b>\$465,109</b>	<b>\$84,956</b>	<b>\$83,759</b>
NEW ENGLAND.....	6,622	5,496	-----	1,127	392	1,177	-----	6,856
Maine.....	3,016	1,890	-----	1,127	392	1,177	-----	207
Vermont.....	1,423	1,423	-----	-----	-----	-----	-----	-----
Rhode Island.....	141	141	-----	-----	-----	-----	-----	6,649
Connecticut.....	2,143	2,143	-----	-----	-----	-----	-----	-----
MIDDLE ATLANTIC.....	24,307	24,307	-----	-----	-----	-----	39,929	36,145
New York.....	15,832	15,832	-----	-----	-----	-----	39,869	-----
New Jersey.....	15,479	15,479	-----	-----	-----	-----	60	6,719
Pennsylvania.....	2,997	2,997	-----	-----	-----	-----	-----	29,426
EAST NORTH CENTRAL.....	71,622	45,828	-----	25,795	27	16,822	17,593	14,064
Ohio.....	374	374	-----	-----	-----	-----	10,332	5,159
Indiana.....	24,294	24,294	-----	-----	-----	-----	-----	-----
Illinois.....	26,745	950	-----	25,795	10	16,715	-----	666
Michigan.....	6,955	6,955	-----	-----	7	7	7,261	4,839
Wisconsin.....	13,255	13,255	-----	-----	10	100	-----	3,401
WEST NORTH CENTRAL.....	210,468	210,468	-----	-----	6,313	44,541	11,384	8,887
Minnesota.....	128,556	128,556	-----	-----	3,036	35,182	-----	-----
Iowa.....	4,854	4,854	-----	-----	-----	-----	7,585	-----
Missouri.....	3,373	3,373	-----	-----	-----	-----	1,653	2,928
North Dakota.....	25,258	25,258	-----	-----	1,220	-----	-----	1,134
South Dakota.....	24,658	24,658	-----	-----	2,434	24,342	2,146	748
Nebraska.....	12,747	12,747	-----	-----	1,622	15,017	-----	4,078
Kansas <sup>1</sup> .....	11,023	11,023	-----	-----	-----	-----	-----	-----
SOUTH ATLANTIC.....	27,080	27,080	-----	-----	120	1,200	9,684	8,923
Delaware.....	2,354	2,354	-----	-----	-----	-----	255	-----
Maryland.....	-----	-----	-----	-----	-----	-----	383	2,311
Virginia.....	15,636	15,636	-----	-----	-----	-----	-----	-----
West Virginia.....	-----	-----	-----	-----	-----	-----	2,698	963
North Carolina.....	2,500	2,500	-----	-----	-----	-----	-----	1,208
South Carolina.....	-----	-----	-----	-----	-----	-----	3,023	-----
Florida.....	6,590	6,590	-----	-----	120	1,200	3,326	4,442
EAST SOUTH CENTRAL.....	4,880	4,880	-----	-----	-----	-----	-----	-----
Kentucky.....	2,368	2,368	-----	-----	-----	-----	-----	-----
Tennessee <sup>4</sup> .....	2,512	2,512	-----	-----	-----	-----	-----	-----
WEST SOUTH CENTRAL.....	186,865	174,612	12,253	-----	2,118	17,307	-----	6,072
Arkansas.....	3,547	3,547	-----	-----	9	2,515	-----	-----
Louisiana.....	2,200	2,200	-----	-----	164	3,801	-----	-----
Oklahoma <sup>1</sup> .....	46,349	46,349	-----	-----	422	7,026	-----	-----
Texas <sup>4</sup> .....	134,769	122,516	12,253	-----	1,524	3,964	-----	6,072

See footnotes at end of table.

Table 33.—Permanent school funds, school lands, and debt funds, by State, 1947-48

STATE, BY REGION	VALUE OF PERMANENT SCHOOL FUNDS				Number of acres of school land	Estimated value of school lands	Amount in interest and bond accounts for serial bonds	Amount in sinking funds for term bonds
	Total	State	County	Local				
1	2	3	4	5	6	7	8	9
MOUNTAIN.....	\$91,896	\$91,896	-----	-----	17,813	\$133,282	\$3,395	\$2,812
Montana.....	18,000	18,000	-----	-----	4,409	47,000	-----	1,266
Idaho.....	10,273	10,273	-----	-----	-----	<sup>1</sup> 848	-----	<sup>2</sup> 714
Wyoming.....	23,506	23,506	-----	-----	3,092	30,922	-----	-----
Colorado.....	14,083	14,083	-----	-----	-----	-----	-----	-----
New Mexico.....	<sup>6</sup> 15,092	<sup>6</sup> 15,092	-----	-----	-----	<sup>7</sup> 24,000	<sup>8</sup> 54	<sup>8</sup> 93
Arizona.....	421	421	-----	-----	8,239	24,718	1,010	738
Utah.....	6,910	6,910	-----	-----	2,000	5,000	1,941	-----
Nevada.....	3,612	3,612	-----	-----	72	794	390	-----
PACIFIC.....	70,413	70,413	-----	-----	3,330	250,780	2,972	-----
Washington.....	48,242	48,242	-----	-----	1,750	250,000	2,972	-----
Oregon.....	10,273	10,273	-----	-----	780	780	-----	-----
California.....	11,899	11,899	-----	-----	<sup>1</sup> 800	-----	-----	-----
<b>Outlying parts of the United States</b>								
Alaska.....	13	13	-----	-----	-----	-----	-----	-----

<sup>1</sup> Statistics, 1945-46.<sup>2</sup> Includes serial bonds.<sup>3</sup> Statistics, 1941-42.<sup>4</sup> Exists only as a debt.<sup>5</sup> Statistics, 1946-47.<sup>6</sup> Statistics, 1943-44.<sup>7</sup> Estimated.<sup>8</sup> Albuquerque only.

Table 34.—School bonds and other forms of school indebtedness, by State, 1947-48  
 [In thousands of dollars]

STATE, BY REGION	BONDED INDEBTEDNESS										Short-term indebtedness	Total indebtedness at close of year	
	Bonds outstanding, July 1, 1947	Bonds issued during year				Bonds retired during year	Bonds outstanding, June 30, 1948	Total	For refunding current indebtedness	For refunding bonds due			Total
		2	3	4	5								
<b>1</b>													
<b>Continental United States</b> .....	2,203,870	430,927	428,590	768	669	159,594	2,474,363	192,203	2,606,566	6,920	54,787	3,224	2,786
NEW ENGLAND.....	46,644	6,739	6,739			5,516	47,867	1,296	2,726	1,296	2,726	3,051	7,775
Maine.....	2,130					202	1,928	244	2,172	1,296	2,726	3,051	7,775
New Hampshire.....	1,922	629	629			244	2,308	244	2,552	1,296	2,726	3,051	7,775
Vermont.....	1,981	709	709			613	2,077	974	2,775	1,296	2,726	3,051	7,775
Massachusetts.....	17,869	825	825			919	18,613	1,364	20,000	1,296	2,726	3,051	7,775
Rhode Island.....	11,349	313	313			1,062	12,724	1,364	14,000	1,296	2,726	3,051	7,775
Connecticut.....	21,392	4,262	4,262			2,476	23,119	2,868	26,047	1,296	2,726	3,051	7,775
MIDDLE ATLANTIC.....	771,589	52,560	52,560			50,592	773,556	10,668	784,224	10,668	784,224	10,668	784,224
New York.....	473,508	26,292	26,292			26,508	473,292	1,916	475,208	1,916	475,208	1,916	475,208
New Jersey.....	113,983	10,548	10,548			7,792	116,739	8,752	125,491	8,752	125,491	8,752	125,491
Pennsylvania.....	184,097	15,719	15,719			16,293	183,524		199,817		199,817		199,817
EAST NORTH CENTRAL.....	370,908	77,890	77,890			32,930	415,868	83,105	498,973	83,105	498,973	83,105	498,973
Ohio.....	142,845	34,257	34,257			12,649	164,454	11,953	176,406	11,953	176,406	11,953	176,406
Indiana.....	22,443	2,049	2,049			3,694	20,798	1,459	22,257	1,459	22,257	1,459	22,257
Illinois.....	103,363	34,408	34,408			6,713	131,118	64,638	195,756	64,638	195,756	64,638	195,756
Michigan.....	93,238	4,234	4,234			8,176	89,306	2,042	91,348	2,042	91,348	2,042	91,348
Wisconsin.....	9,019	2,852	2,852			1,098	10,203	2,994	13,197	2,994	13,197	2,994	13,197
WEST NORTH CENTRAL.....	152,849	20,372	20,145	217	10	17,032	156,188	8,389	164,577	8,389	164,577	8,389	164,577
Minnesota.....	44,466	7,482	7,482			4,987	46,961	3,490	50,451	3,490	50,451	3,490	50,451
Iowa.....	27,915	3,236	3,236		6	2,982	28,109	2,855	29,964	2,855	29,964	2,855	29,964
Missouri.....	35,380	3,320	3,320			3,905	34,795	322	35,118	322	35,118	322	35,118

STATE SCHOOL SYSTEMS

North Dakota.....	911	911	911	416	4,228	108	4,336
South Dakota.....	298	78	298	477	3,687	2,452	3,866
Nebraska.....	2,571	2,571	2,571	2,149	17,264	8,807	16,831
Kansas.....	2,553	2,553	2,553	2,117	21,063	425	20,667
<b>SOUTH ATLANTIC.</b> .....	33,723	33,723	33,723	14,045	230,455	4,742	210,778
Delaware.....	1,119	1,119	1,119	217	3,446	---	2,543
Maryland.....	10,007	10,007	10,007	2,998	60,777	1,101	53,769
District of Columbia.....	1,749	1,749	1,749	1,602	28,147	---	28,000
Virginia.....	412	412	412	1,741	11,023	---	11,352
West Virginia.....	9,292	9,292	9,292	3,307	46,117	---	40,132
North Carolina.....	1,747	1,747	1,747	1,663	12,288	---	11,704
South Carolina.....	2,300	2,300	2,300	1,249	4,399	---	21,086
Georgia.....	7,098	7,098	7,098	2,708	22,556	---	42,190
Florida.....	16,293	16,293	16,293	3,287	68,750	1,543	55,689
<b>EAST SOUTH CENTRAL.</b> .....	3,591	3,591	3,591	1,183	14,016	1,543	11,607
Kentucky.....	8,957	8,957	8,957	1,108	37,849	---	30,000
Tennessee.....	3,262	3,262	3,262	818	13,858	---	11,414
Alabama.....	537	537	537	178	3,028	---	2,669
Mississippi 1.....	98,097	98,097	98,097	6,522	349,741	5,500	257,010
<b>WEST SOUTH CENTRAL.</b> .....	10,437	10,437	10,437	1,660	29,854	130	21,077
Arkansas.....	6,227	6,227	6,227	2,440	43,593	898	39,805
Louisiana.....	1,685	1,685	1,685	1,518	35,936	---	34,933
Oklahoma.....	80,904	80,904	80,904	1,905	241,194	6 3,636	161,195
Texas.....	19,745	19,745	19,745	7,522	86,381	2,970	74,157
<b>MOUNTAIN.</b> .....	3,383	3,383	3,383	990	7,425	---	5,032
Montana.....	772	772	772	866	6,435	441	6,529
Idaho.....	2,332	2,332	2,332	582	7,038	203	5,085
Wyoming.....	3,985	3,985	3,985	1,747	17,288	---	15,080
Colorado.....	1,845	1,845	1,845	1,975	14,944	---	15,074
New Mexico.....	5,046	5,046	5,046	1,625	16,935	---	13,514
Arizona.....	2,800	2,800	2,800	1,586	11,200	2,327	8,896
Utah.....	492	492	492	152	5,318	---	4,978
Nevada.....	103,398	103,398	103,398	22,086	345,588	8,368	264,246
<b>PACIFIC.</b> .....	5,006	5,006	5,006	2,105	33,915	7,056	31,104
Washington.....	6,397	6,397	6,397	1,262	12,433	1,312	7,300
Oregon.....	91,995	91,995	91,995	18,629	293,208	---	225,842
California.....	---	---	---	---	---	---	---

4 Statistics from Bureau of the Census.

5 Statistics, 1945-46.

6 Statistics, 1946-47.

1 Cities only.

2 Estimated for New York City and Buffalo.

3 Estimated.

Table 35.—Status of retirement funds for employees of public elementary and secondary schools, by State, 1947-48  
[In thousands of dollars]

STATE, BY REGION	Balance at beginning of year, cash reserves and investments	AMOUNTS ADDED DURING THE YEAR BY—						Payments (losses, retirements, and expense of operation)	Balance on hand at end of year, cash reserves and investments	
		Total	State	Local unit	Partici- pants	Earnings and other receipts	7			8
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>		
<b>Continental United States 1</b>	<b>1,764,571</b>	<b>338,145</b>	<b>98,161</b>	<b>59,091</b>	<b>122,818</b>	<b>58,075</b>	<b>125,792</b>	<b>1,976,924</b>		
NEW ENGLAND.....	110,949	21,066	7,848	1,536	7,454	4,228	10,417	121,598		
Maine.....	3,171	547	315	146	146	86	317	3,401		
New Hampshire.....	734	479	44	202	212	21	76	1,337		
Vermont.....	1,912	370	3	3	285	1,254	101	1,811		
Massachusetts.....	73,346	11,862	4,752	710	4,473	1,927	7,032	77,176		
Rhode Island.....	5,814	1,287	539	321	269	158	780	6,321		
Connecticut.....	28,884	4,979	1,828	300	2,069	782	2,111	31,752		
MIDDLE ATLANTIC.....	912,304	109,383	17,231	33,626	27,802	30,724	44,494	977,193		
New York.....	499,057	62,780	324	28,074	15,668	18,714	27,259	534,578		
New Jersey.....	147,727	17,366	8,045	5,198	4,123	6,947	6,947	158,146		
Pennsylvania.....	265,520	29,237	8,862	5,552	6,936	7,887	10,288	284,469		
EAST NORTH CENTRAL.....	307,830	65,508	24,027	5,162	26,340	9,979	32,222	341,116		
Ohio.....	132,160	18,408	7,373	430	6,513	4,092	7,408	143,160		
Indiana.....	30,783	8,555	2,807	308	3,082	2,667	7,722	31,616		
Illinois.....	29,749	13,765	4,188	2,951	6,326	990	8,893	34,021		
Michigan.....	17,831	14,524	5,500	1,600	6,825	680	5,434	26,941		
Wisconsin.....	97,887	10,256	4,159	961	3,574	1,541	2,765	103,378		
WEST NORTH CENTRAL.....	45,424	15,152	1,054	5,047	7,333	1,718	6,146	54,430		
Minnesota.....	25,971	4,929	293	1,324	2,129	1,183	2,941	27,959		
Iowa.....	4,159	1,850	23	860	860	107	319	6,690		
Missouri.....	7,021	4,463	23	2,407	1,879	177	1,616	8,938		
North Dakota.....	2,535	331	---	59	195	77	205	2,661		
South Dakota.....	461	313	107	---	194	12	14	590		
Nebraska.....	958	1,641	486	200	927	28	517	2,062		
Kansas.....	4,319	1,625	145	197	1,149	134	634	5,310		



## STATE SCHOOL SYSTEMS

	136,384	44,045	17,340	4,983	17,401	4,321	9,195	171,234
<b>SOUTH ATLANTIC.</b> .....								
Delaware <sup>2</sup> .....	452	69	3,012	19	37	13	40	481
Maryland.....	55,947	8,647	1,595	1,595	2,584	1,456	2,496	62,098
District of Columbia.....	12,651	2,799	1,707	1,707	1,736	356	1,238	14,212
Virginia.....	14,628	5,303	3,068	14	1,824	411	1,166	18,765
West Virginia.....	11,250	4,969	2,452	930	1,726	777	1,988	15,231
North Carolina.....	21,794	8,542	3,598	14	3,334	680	927	29,409
South Carolina <sup>1</sup> .....	12,406	3,793	1,896	718	1,897	454	(3)	3,793
Georgia.....	7,256	3,767	2,062	652	2,322	174	1,926	17,148
Florida.....	23,950	10,524	4,725	340	2,941	738	1,915	32,559
<b>EAST SOUTH CENTRAL.</b> .....								
Kentucky.....	8,541	2,189	956	340	1,012	221	430	10,300
Tennessee.....	4,473	3,345	1,350	340	1,479	176	758	7,060
Alabama.....	10,012	4,163	2,222	340	1,630	311	450	13,725
Mississippi.....	924	827	197	30	600	30	277	1,474
<b>WEST SOUTH CENTRAL.</b> .....								
Arkansas.....	1,313	1,730	830	290	11,459	2,323	4,359	102,108
Louisiana.....	23,855	5,480	2,406	290	800	100	620	2,423
Oklahoma.....	4,179	2,537	795	290	1,628	743	766	28,569
Texas.....	51,565	15,788	7,452	290	6,990	1,346	2,694	64,659
<b>MOUNTAIN.</b> .....								
Montana.....	16,877	9,415	1,195	2,913	4,824	483	3,337	22,955
Idaho.....	2,211	1,771	57	644	1,007	120	1,007	2,915
Wyoming.....	998	1,407	703	703	628	19	194	2,211
Colorado.....	243	238	6	110	120	2	62	419
New Mexico.....	2,183	1,718	1,002	1,002	661	55	563	3,339
New Mexico.....	984	469	459	459	661	10	265	788
Arizona.....	2,595	1,477	165	420	820	72	237	3,815
Utah.....	7,394	2,132	430	34	1,478	190	842	8,683
Nevada.....	669	203	78	78	110	15	87	785
<b>PACIFIC.</b> .....								
Washington.....	129,941	37,497	13,258	5,194	15,484	3,561	13,707	153,731
Oregon <sup>2</sup> .....	14,234	9,704	6,248	278	2,916	540	2,813	21,125
California.....	4,351	630	7,010	4,916	306	46	468	4,513
California.....	111,356	27,163	7,010	4,916	12,262	2,975	10,426	128,093

<sup>1</sup> Includes teachers in comprehensive city and State plans where they could be identified from other employees.

<sup>2</sup> Incomplete.  
<sup>3</sup> None reported.

Table 36.—Statistical summary of Negro public elementary and secondary schools in 17 Southern States and the District of Columbia, 1919-20 to 1947-48

ITEM	1919-20	1929-30	1939-40	1943-44	1947-48
1	2	3	4	5	6
Total population <sup>1</sup> .....	9, 090, 532	9, 585, 417	10, 275, 347	-----	-----
Negro children 5-17 years of age, inclusive.....	2, 899, 246	2, 902, 657	2, 827, 565	-----	-----
Enrollment of pupils:					
Elementary grades:					
Boys.....	992, 401	1, 039, 227	1, 072, 281	1, 004, 789	1, 011, 476
Girls.....	1, 077, 973	1, 130, 765	1, 101, 981	1, 024, 579	995, 360
Total.....	2, 070, 374	2, 169, 992	2, 174, 262	2, 029, 368	2, 006, 836
High-school grades:					
Boys.....	12, 392	40, 533	102, 678	84, 886	124, 082
Girls.....	20, 949	72, 053	151, 902	162, 488	175, 144
Total.....	33, 341	112, 586	254, 580	247, 374	299, 226
Total enrolled in elementary and high-school grades:					
Boys.....	1, 004, 793	1, 079, 760	1, 174, 959	1, 089, 675	1, 135, 558
Girls.....	1, 098, 922	1, 202, 818	1, 253, 883	1, 187, 067	1, 170, 504
Total.....	2, 103, 715	2, 282, 578	2, 428, 842	2, 276, 742	2, 306, 062
Average daily attendance.....	1, 416, 206	1, 645, 518	1, 953, 401	1, 852, 950	1, 922, 381
Total number of days attended by all pupils enrolled.....	168, 414, 206	217, 754, 344	305, 344, 350	303, 802, 159	329, 914, 879
Average number of days attended by each pupil enrolled during the year.....	80	97	126	133	143
Average length of school term in days.....	119	132	156	164	172
Percent of enrolled pupils in daily attendance.....	67.3	72.1	80.4	81.4	83.4
Percent of pupils in secondary grades.....	1.6	4.9	10.5	10.9	13.0
Percent of school population enrolled.....	72.6	78.6	85.6	-----	-----
Instructional staff:					
Elementary schools:					
Supervisors.....	( <sup>2</sup> )	( <sup>2</sup> )	198	264	261
Principals.....	( <sup>2</sup> )	( <sup>2</sup> )	365	516	1, 536
Men teachers.....	6, 398	6, 246	7, 883	4, 489	3, 846
Women teachers.....	31, 227	39, 801	46, 098	49, 954	48, 037
High schools:					
Supervisors.....	( <sup>2</sup> )	( <sup>2</sup> )	34	34	94
Principals.....	( <sup>2</sup> )	( <sup>2</sup> )	599	789	1, 147
Men teachers.....	457	2, 395	4, 575	3, 658	5, 722
Women teachers.....	478	2, 836	4, 724	6, 849	9, 507
Total number of instructional staff.....	38, 560	51, 278	64, 476	66, 553	70, 150
Average salary per member of instructional staff (for States reporting).....	-----	-----	\$601	\$895	<sup>3</sup> \$1, 738
High-school graduates:					
Boys.....	-----	-----	11, 014	8, 338	15, 502
Girls.....	-----	-----	18, 995	22, 842	23, 121
Total.....	-----	-----	30, 009	31, 180	38, 623

<sup>1</sup> U. S. Bureau of the Census.<sup>2</sup> Included with teachers.<sup>3</sup> States listed in table 46.

Table 37.—Instructional staff and number of clerical assistants in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, 1947-48

STATE	INSTRUCTIONAL STAFF										TEACHERS				CLERICAL ASSISTANTS				
	Supervisors		Principals		Total		Elementary		Secondary		Total, including un-distributed	Total, including un-distributed	Elementary	Secondary					
	Total, including un-distributed	Elementary	Secondary	Total, including un-distributed	Elementary	Secondary	Total	Men	Women	Men					Women				
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
17 States and the District of Columbia	70,150	355	2,683	67,112	9,568	57,544	51,883	3,846	48,037	15,229	5,722	9,507	268	268	268	268	268	268	268
Alabama	6,969	46	1	86	32	54	6,837	1,094	795	6,042	4,808	157	4,651	2,029	638	1,391	30	12	18
Arkansas	2,630	1	1	69	17	52	2,560	438	2,122	1,944	209	1,735	209	2,016	229	387	3	1	2
Delaware	282	1	1	17	8	9	264	61	203	185	20	165	79	79	41	38	3	1	2
Florida	3,914	22	---	110	---	---	3,782	450	3,332	3,332	2,438	1,267	373	1,267	373	894	---	---	---
Georgia	7,227	82	---	54	---	---	7,091	797	6,294	5,460	1,639	199	2,438	1,432	598	834	---	---	---
Kentucky	1,395	2	---	64	32	32	1,329	298	1,091	898	64	834	431	174	257	9	3	6	6
Louisiana	4,733	40	---	335	---	---	4,358	445	3,913	3,730	252	3,478	628	193	435	18	---	---	---
Maryland	2,115	34	22	12	50	35	1,996	378	1,618	1,337	142	1,195	659	236	423	33	12	21	21
Mississippi	6,572	1	1	62	62	---	6,509	730	5,779	5,807	497	5,310	702	233	469	7	---	---	---
Missouri	1,683	---	---	28	15	13	1,665	338	1,327	1,248	113	1,135	417	225	192	---	---	---	---
North Carolina	7,404	---	---	1,306	100	206	7,098	1,094	6,004	5,004	626	5,278	1,194	468	726	---	---	---	---
Oklahoma	1,499	21	17	4	224	147	1,254	251	1,003	843	70	773	1,411	181	230	---	---	---	---
South Carolina	6,505	---	---	53	17	36	6,452	865	5,587	5,417	449	4,968	1,035	416	619	---	---	---	---
Tennessee	3,126	---	---	339	104	235	3,126	585	2,541	2,560	385	2,175	2,566	200	366	---	---	---	---
Texas	6,950	---	---	339	104	235	6,011	1,197	5,414	4,870	399	4,471	798	943	51	---	---	---	---
Virginia	4,713	83	---	622	504	118	4,008	453	3,555	2,941	109	2,832	1,067	344	723	75	---	---	---
West Virginia	985	---	---	167	126	41	818	180	638	480	51	449	338	149	189	---	---	---	---
District of Columbia	1,438	22	6	16	36	26	1,354	273	1,081	737	47	690	617	226	391	42	21	21	21

1 Includes supervisors.

2 Statistics, 1945-46.

3 Sex distribution estimated.

Table 38.—Percent of men teachers in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, for specified years

STATE	1919-20	1929-30	1931-32	1933-34	1935-36	1937-38	1939-40	1941-42	1943-44	1945-46	1947-48
1	2	3	4	5	6	7	8	9	10	11	12
<b>17 States and the District of Columbia</b> .....	<b>17.8</b>	<b>16.4</b>	<b>17.2</b>	<b>18.7</b>	<b>19.4</b>	<b>18.9</b>	<b>19.7</b>	<b>18.6</b>	<b>12.5</b>	<b>12.5</b>	<b>14.3</b>
Alabama.....	20.7	13.2	13.7	15.2	15.9	15.7	16.9	16.1	10.5	10.2	11.6
Arkansas.....	27.8	25.1	26.0	24.5	22.3	24.7	24.4	22.6	16.4	15.2	17.1
Delaware.....	10.0	14.8	15.8	17.4	19.5	19.3	20.4	21.4	17.8	20.0	23.1
Florida.....	17.0	12.2	13.8	17.3	18.0	18.4	17.3	16.8	9.2	10.3	11.9
Georgia.....	9.2	10.2	10.9	12.2	12.2	14.0	14.9	13.0	9.0	8.9	11.2
Kentucky.....	20.3	20.3	20.2	22.9	18.9	21.0	28.8	20.5	14.3	16.3	17.9
Louisiana.....	19.3	14.3	15.8	16.9	17.1	18.2	19.3	17.9	10.7	9.4	10.2
Maryland.....	16.2	17.3	16.8	18.8	18.9	18.1	19.1	19.7	15.4	15.3	18.9
Mississippi.....	3.0	18.4	19.7	21.4	21.4	19.4	20.8	19.8	11.3	11.4	11.2
Missouri.....	24.3	23.3	33.4	24.7	29.0	25.2	26.8	24.3	19.1	21.1	20.3
North Carolina.....	17.8	15.7	16.6	18.3	18.6	18.9	17.6	17.2	12.1	12.5	15.4
Oklahoma.....	31.0	23.7	23.4	27.8	27.8	28.0	28.0	28.0	15.6	16.3	20.0
South Carolina.....	20.3	16.6	16.7	17.4	17.4	17.3	18.2	17.0	11.4	11.3	13.4
Tennessee.....	22.1	20.4	20.9	22.6	23.8	24.1	23.5	23.5	16.5	17.4	18.7
Texas.....	31.7	20.2	20.4	20.1	23.7	21.1	21.6	22.0	14.2	14.8	18.1
Virginia.....	12.2	12.1	12.9	16.0	16.7	15.6	17.7	15.1	13.8	9.5	11.3
West Virginia.....	20.9	17.6	19.8	23.8	26.9	27.0	29.3	29.1	24.7	25.0	22.0
District of Columbia.....	20.3	16.5	14.4	18.3	18.6	16.6	17.5	17.7	15.4	16.9	20.2

Table 39.—Employees in health, transportation, and custodial services in Negro public elementary and secondary schools in 12 Southern States and the District of Columbia, 1947-48

STATE	Total	Physicians	Dentists	Dental hygienists	Nurses	Recreational workers	Transportation employees	Cafeteria workers	Janitors, engineers, etc.	Carpenters, painters, etc.	Other
1	2	3	4	5	6	7	8	9	10	11	12
<b>12 Southern States and the District of Columbia</b> .....	<b>7,692</b>	<b>13</b>	<b>7</b>	<b>1</b>	<b>65</b>	<b>19</b>	<b>2,320</b>	<b>851</b>	<b>3,876</b>	<b>365</b>	<b>175</b>
Arkansas.....	460	.....	1	.....	4	.....	223	.....	231	1	.....
Florida.....	419	.....	.....	.....	3	.....	154	.....	245	15	.....
Georgia.....	1,034	2	.....	.....	.....	.....	245	197	220	225	147
Kentucky.....	492	.....	.....	.....	.....	1	130	.....	352	2	7
Louisiana.....	643	.....	.....	.....	7	.....	205	.....	365	48	18
Mississippi.....	62	.....	.....	.....	.....	.....	.....	.....	62	.....	.....
North Carolina.....	484	.....	.....	.....	.....	.....	.....	.....	464	.....	.....
Oklahoma.....	222	.....	.....	.....	.....	.....	222	.....	.....	.....	.....
South Carolina.....	687	.....	.....	.....	.....	.....	33	.....	.....	.....	.....
Texas.....	1,059	19	.....	.....	17	.....	483	654	522	26	2
Virginia.....	1,602	1	6	.....	16	18	592	.....	923	46	.....
West Virginia.....	223	1	.....	1	5	.....	33	.....	183	.....	.....
District of Columbia.....	325	.....	.....	.....	13	.....	.....	.....	309	2	1

1 Physicians and dentists.





Table 41.—Number of pupils enrolled, by grade, in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, for specified years

ITEM	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47	1947-48
<b>1</b>												
<b>Total enrollment.....</b>	<b>2,425,474</b>	<b>2,441,967</b>	<b>1,420,404</b>	<b>2,428,842</b>	<b>2,407,657</b>	<b>2,386,471</b>	<b>2,331,607</b>	<b>2,276,742</b>	<b>2,271,481</b>	<b>2,266,220</b>	<b>2,286,141</b>	<b>2,306,062</b>
Elementary schools.....	2,227,064	2,204,083	2,189,172	2,174,262	2,143,775	2,113,288	2,071,328	2,029,368	2,011,712	1,994,057	2,000,447	2,006,836
High schools.....	198,410	207,884	231,232	254,580	263,882	273,183	280,279	247,374	259,769	272,163	285,094	299,226
Number in each grade:												
Kindergarten.....	6,227	6,085	6,853	7,621	7,480	7,339	7,927	8,515	9,515	10,523	12,118	13,714
First.....	2,709,271	685,241	658,854	632,468	612,919	593,369	566,566	539,762	525,359	510,915	496,112	481,309
Second.....	328,378	321,408	316,407	311,405	303,079	294,753	288,461	282,170	280,640	279,112	281,577	284,041
Third.....	275,069	302,313	298,675	295,038	287,511	279,985	275,861	271,737	266,486	263,236	263,238	265,240
Fourth.....	227,599	274,755	274,588	274,420	265,633	256,845	254,859	254,872	251,583	248,263	247,998	247,703
Fifth.....	183,208	228,039	233,118	238,198	236,250	234,320	229,915	225,511	221,057	222,603	222,042	221,481
Sixth.....	141,035	185,700	191,967	198,234	198,054	197,874	197,086	196,298	194,707	193,116	194,556	195,996
Seventh.....	52,692	144,520	151,997	159,475	165,724	171,974	167,802	163,629	164,723	165,818	170,546	175,273
Eighth.....	78,396	56,022	56,713	57,463	67,116	76,829	81,851	86,874	94,658	102,441	112,280	122,079
First-year high school.....	53,883	80,355	89,724	99,094	101,017	102,939	101,044	99,148	100,502	101,855	106,815	111,776
Second-year high school.....	37,903	56,355	62,790	69,244	71,758	74,272	71,338	68,404	72,585	76,786	79,587	82,388
Third-year high school.....	27,532	40,270	44,785	49,300	51,899	54,498	51,097	47,095	51,313	54,932	56,664	58,396
Fourth-year high school.....	696	29,676	32,442	36,208	38,354	40,500	36,244	31,989	35,228	38,466	42,659	46,611
Postgraduate.....		1,248	991	734	854	974	556	138	131	121	89	55
Percent in each grade:												
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Kindergarten.....	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6
First.....	29.3	28.4	27.2	26.0	25.5	24.9	24.3	23.7	23.1	22.6	21.7	20.9
Second.....	13.5	13.3	12.8	12.6	12.6	12.4	12.3	12.4	12.4	12.3	12.3	12.3
Third.....	12.5	12.5	12.3	12.1	11.9	11.7	11.8	11.9	11.6	11.5	11.5	11.5
Fourth.....	11.3	11.4	11.4	11.3	11.0	10.8	11.0	11.2	11.1	11.0	10.9	10.7
Fifth.....	9.4	9.5	9.6	9.8	9.8	9.8	9.9	9.9	9.9	9.8	9.7	9.6
Sixth.....	7.6	7.7	7.9	8.2	8.2	8.3	8.4	8.6	8.6	8.5	8.5	8.5
Seventh.....	5.8	6.0	6.3	6.6	6.9	7.2	7.2	7.2	7.2	7.3	7.5	7.6
Eighth.....	2.2	2.3	2.3	2.4	2.8	3.2	3.5	3.8	4.2	4.5	4.9	5.3
First-year high school.....	2.2	3.3	3.7	4.1	4.2	4.3	4.4	4.4	4.4	4.5	4.7	4.9
Second-year high school.....	2.2	2.3	2.6	2.9	3.0	3.1	3.1	3.0	3.2	3.4	3.5	3.6
Third-year high school.....	1.6	1.7	1.9	2.0	2.2	2.3	2.2	2.1	2.3	2.4	2.5	2.5
Fourth-year high school.....	1.1	1.2	1.4	1.5	1.6	1.7	1.6	1.4	1.6	1.7	1.8	2.0
Postgraduate <sup>1</sup> .....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

<sup>1</sup> Estimated from other years.<sup>2</sup> The class in the first grade in 1936-37.<sup>3</sup> Less than 0.05 percent, except in 1937-38.

Table 42.—Number of pupils enrolled, by grade, in Negro public elementary and secondary day schools, in 17 Southern States and the District of Columbia, 1947-48

STATE	Total	ELEMENTARY PUPILS										SECONDARY PUPILS					
		Total	Kindergarten	First grade	Second grade	Third grade	Fourth grade	Fifth grade	Sixth grade	Seventh grade	Eighth grade	Total	First year	Second year	Third year	Fourth year	Post-graduate
<b>17 States and the District of Columbia.....</b>	<b>2,306,062</b>	<b>2,006,836</b>	<b>43,714</b>	<b>481,309</b>	<b>284,041</b>	<b>263,240</b>	<b>247,703</b>	<b>221,481</b>	<b>195,996</b>	<b>175,273</b>	<b>123,079</b>	<b>299,226</b>	<b>111,776</b>	<b>82,388</b>	<b>58,396</b>	<b>46,611</b>	<b>55</b>
Alabama.....	230,702	201,221	---	47,866	28,304	26,126	24,632	22,649	20,411	17,860	13,473	29,481	10,895	8,057	5,827	4,702	---
Arkansas.....	98,948	88,356	---	24,514	11,582	10,930	10,529	9,360	8,440	7,162	5,839	10,592	4,144	2,850	2,048	1,550	---
Delaware.....	7,693	6,363	60	1,127	901	804	783	770	725	607	586	1,330	462	469	229	170	---
Florida.....	108,285	91,675	114	18,189	13,495	12,771	11,770	10,519	9,580	8,368	6,669	16,610	5,449	4,598	3,526	3,037	---
Georgia.....	248,360	219,123	625	59,680	33,679	30,833	27,302	23,739	20,024	20,678	2,563	29,237	11,045	8,066	5,519	4,603	4
Kentucky.....	36,619	29,967	622	5,325	4,019	3,837	3,578	3,410	3,205	3,074	2,897	6,652	2,256	1,873	1,368	1,155	---
Louisiana.....	169,031	154,575	746	38,404	24,219	21,882	19,571	16,509	13,652	11,004	8,498	14,456	6,278	4,261	3,148	3,148	---
Maryland.....	67,619	57,450	2,351	8,383	9,484	8,082	7,526	6,465	5,874	5,146	4,139	10,169	4,135	2,003	2,077	1,953	1
Mississippi.....	259,988	243,427	---	80,504	32,130	29,709	28,100	23,854	19,635	16,140	13,355	16,561	6,933	4,459	2,986	2,183	---
Missouri.....	53,182	44,404	3,603	7,626	5,724	5,531	5,042	4,817	4,420	4,059	3,582	8,778	3,143	2,348	1,743	1,544	---
North Carolina.....	238,740	220,622	---	44,336	30,672	29,623	28,020	25,774	23,622	20,892	17,683	38,118	13,905	10,549	7,878	5,785	1
Oklahoma.....	35,009	27,843	---	5,429	3,333	3,327	3,079	3,183	3,067	3,060	2,833	7,186	2,539	1,930	1,373	1,319	5
South Carolina.....	207,467	180,688	532	47,041	27,241	24,631	23,056	20,767	17,928	15,713	11,891	18,289	7,967	5,786	4,112	4,412	---
Tennessee.....	103,966	87,847	---	17,741	11,721	11,546	11,426	9,447	8,513	7,803	7,043	16,119	5,845	4,409	3,214	2,651	---
Texas.....	200,798	167,617	---	39,052	21,945	21,941	20,313	18,487	17,283	15,700	13,296	33,181	11,470	9,198	7,081	5,492	---
Virginia.....	150,636	122,906	1,657	26,130	18,688	17,638	16,902	14,804	13,250	11,437	2,430	27,730	10,047	7,588	5,688	4,407	---
West Virginia.....	25,266	19,339	---	3,544	2,452	2,469	2,328	2,283	2,130	2,214	1,889	5,927	1,968	1,398	1,283	1,118	---
District of Columbia.....	43,763	34,933	3,404	5,428	4,452	3,960	3,852	3,675	3,293	3,646	3,223	8,830	3,293	2,406	1,749	1,382	---

Table 43.—Number of pupils enrolled, number of high-school graduates, and enrollment in 1-, 2-, and 3-teacher schools in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, 1947-48

STATE	ENROLLMENT OF PUPILS										HIGH-SCHOOL GRADUATES			1-, 2-, AND 3-TEACHER SCHOOLS					
	Total			Elementary schools			Secondary schools			Total	Boys	Girls	1-teacher		2-teacher		3-teacher		
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls				Number	Enrollment	Number	Enrollment	Number	Enrollment	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
2,306,062	1,135,558	1,170,504	2,006,836	1,011,476	995,360	299,226	124,982	175,144	38,623	15,502	23,121	9,431	4,786	1,421					
Alabama.....	230,702	113,234	117,468	201,221	101,308	99,913	29,481	11,926	17,555	14,239	11,680	12,559	926	28,124	462	29,003	90	9,010	
Arkansas.....	98,948	49,256	49,691	88,366	44,739	43,617	10,592	4,518	6,074	1,353	557	796	475	18,001	223	17,361	77	9,210	
Delaware.....	7,693	3,908	3,725	6,363	3,278	3,085	1,330	690	640	138	175	183	31	835	14	706	2	171	
Florida.....	108,285	53,052	55,233	91,675	45,772	45,903	16,610	7,280	9,330	2,475	1,181	1,294	331	7,865	155	8,376	68	5,829	
Georgia.....	248,360	121,163	127,197	219,123	109,592	109,531	29,237	11,571	17,666	2,865	1,032	1,533	1,566				132		
Kentucky.....	36,619	18,196	18,423	29,967	15,256	14,711	6,652	2,940	3,712	999	413	586	278		49		19		
Louisiana.....	169,031	83,336	85,695	154,575	77,785	76,790	14,456	5,551	8,905	2,525	946	1,579	729	22,914	398	26,564	138	13,798	
Maryland.....	67,619	33,635	33,984	57,450	29,811	27,639	10,169	3,824	6,345	1,458	579	879	84	2,675	104	6,920	29	3,077	
Mississippi.....	259,988	129,342	130,646	243,427	122,658	120,769	16,561	6,684	9,877	1,733	1,190	1,759	1,759		827		182		
Missouri.....	53,182	26,351	26,831	44,404	22,499	21,905	8,778	3,852	4,926	757	370	387	399						
North Carolina.....	258,740	126,188	132,552	220,622	110,839	109,783	38,118	15,349	22,769	5,120	1,911	3,209	459	15,761	459	31,835	235	25,448	
Oklahoma.....	35,009	17,236	17,773	27,843	14,035	13,808	7,166	3,201	3,965	1,129	544	585	125	2,412	63	2,671	11	1,218	
South Carolina.....	207,617	100,381	107,076	189,168	93,365	95,803	18,289	7,016	11,273	371	1,250	1,121	808	20,908	666	39,042	237	24,857	
Tennessee.....	103,966	51,551	52,415	87,847	44,561	43,286	16,119	6,990	9,129	2,339	1,980	1,359	528		239				
Texas.....	200,798	100,010	100,788	167,617	85,592	82,025	33,181	14,418	18,763	4,942	1,984	2,958	409	4,539	231	5,644	95	2,857	
Virginia.....	150,636	74,434	76,202	122,906	62,737	60,169	27,730	11,697	16,033	4,045	1,584	2,461	685		357		105		
West Virginia.....	25,266	12,585	12,681	19,339	9,834	9,505	5,927	2,751	3,176	1,016	430	586	138						
District of Columbia.....	43,763	21,639	22,124	34,933	17,815	17,118	8,830	3,824	5,006	1,099	443	656	1				1		

\* Statistics, 1945-46.

1 Estimated.



Table 44.—School attendance and average length of school term for Negro public day schools in 17 Southern States and the District of Columbia, 1947-48

STATE	Average daily attendance, 1947-48 (thousands)			Aggregate days attended, 1947-48 (thousands)			Average length of school term, for specified years								Average number of days attended by each pupil enrolled, 1947-48	Percent of pupils enrolled attending daily, 1947-48	
	Total	Elementary	Secondary	Total	Elementary	Secondary	1919-20	1929-30	1939-40	1941-42	1943-44	1945-46	1947-48				
													Total	Elementary			Secondary
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>
<b>17 States and the District of Columbia</b> .....	<b>1,922</b>	<b>1,591</b>	<b>332</b>	<b>329,915</b>	<b>270,632</b>	<b>59,233</b>	<b>120</b>	<b>132</b>	<b>156</b>	<b>156.8</b>	<b>164.0</b>	<b>170.1</b>	<b>171.6</b>	<b>170.2</b>	<b>178.6</b>	<b>143.1</b>	<b>83.4</b>
Alabama.....	192	140	51	33,877	24,737	9,089	115	130	147	151.3	166.1	167.2	176.5	176.4	176.8	146.8	83.2
Arkansas.....	82	67	15	13,553	10,997	2,557	131	131	144	146.9	141.8	151.3	166.1	165.1	170.5	137.0	82.5
Delaware.....	6	5	2	1,159	868	2,291	181	183	178	183.4	181.7	183.1	179.3	179.9	177.5	150.6	84.0
Florida.....	97	71	25	17,400	12,846	4,554	111	132	164	166.0	168.2	176.3	180.1	180.0	180.5	160.7	80.2
Georgia.....	197	168	29	34,395	29,202	5,194	132	136	155	154.9	165.0	179.0	174.9	174.0	180.0	138.5	79.2
Kentucky.....	31	22	8	5,456	3,934	1,522	159	159	170	170.3	171.6	173.1	176.6	175.3	180.3	149.0	84.4
Louisiana.....	141	129	12	23,692	21,476	2,216	114	106	151	152.9	156.7	160.0	166.8	165.9	175.9	139.6	83.7
Maryland.....	58	43	15	10,749	7,975	2,774	161	178	187	185.5	186.5	186.0	185.9	186.0	185.9	159.0	85.5
Mississippi.....	217	203	14	30,628	28,200	2,428	99	99	124	124.1	130.0	140.7	140.9	139.0	168.0	117.8	83.6
Missouri.....	46	37	8	8,820	7,221	1,599	-----	-----	187	178.7	193.9	192.3	192.9	193.1	191.7	165.8	86.0
North Carolina.....	218	186	32	39,291	33,487	5,824	127	141	164	164.5	179.9	179.9	179.9	179.9	179.9	151.9	84.4
Oklahoma.....	31	24	6	5,373	3,119	1,454	-----	169	175	173.0	173.0	173.0	175.0	175.0	175.0	133.5	87.7
South Carolina.....	162	136	24	27,452	23,119	4,313	84	117	147	130.2	160.4	164.2	169.3	167.8	177.9	132.2	78.1
Tennessee.....	191	177	14	36,112	13,613	1,499	-----	136	167	166.0	168.0	171.5	171.5	171.5	176.8	135.0	81.3
Texas.....	163	135	27	27,907	23,080	4,827	-----	133	162	163.6	166.2	169.0	171.5	170.5	176.8	133.0	81.0
Virginia.....	129	104	26	23,306	18,664	4,642	147	154	180	180.0	180.0	180.0	180.0	180.0	180.0	154.7	86.0
West Virginia.....	23	16	8	4,094	2,716	1,378	137	172	176	171.5	173.7	173.7	175.0	175.0	173.0	162.0	92.6
District of Columbia.....	38	25	13	6,771	4,397	2,374	178	175	179	170.1	177.0	177.3	176.2	175.6	177.2	154.7	87.8

1 Distribution between elementary and secondary levels estimated on basis of enrollment.



Table 45.—White and Negro enrollment, instructional staff, teacher load, length of school term, attendance, and unit costs in 17 Southern States and the District of Columbia, 1947-48

STATE	Enrollment in public schools		Instructional staff		Enrollment per classroom teacher		Length of school term in days		Average number of days attended by each pupil enrolled		Percent of pupils attending daily		Percent of school term not attended		Average annual salary per unit of instructional staff <sup>1</sup>		Current expenditure per pupil in average daily attendance <sup>2</sup>	
	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>17 States and the District of Columbia</b> .....	<b>7,081,552</b>	<b>2,306,062</b>	<b>255,986</b>	<b>70,150</b>	<b>29</b>	<b>34</b>	<b>176.2</b>	<b>171.6</b>	<b>153.4</b>	<b>143.1</b>	<b>87.1</b>	<b>83.4</b>	<b>12.9</b>	<b>16.6</b>				
Alabama.....	416,172	230,702	14,279	6,969	30	34	176.2	176.5	152.4	146.8	86.5	83.2	13.5	16.8	\$1,616	\$122.98	\$74.97	
Arkansas.....	304,760	98,948	10,317	2,630	30	39	170.8	166.1	147.4	137.0	86.3	82.5	13.7	17.5	1,182	103.29	69.57	
Delaware.....	35,830	7,663	1,586	282	24	29	178.3	179.3	155.8	150.6	87.4	84.0	12.6	16.0	2,639	2,661		
Florida.....	299,320	108,285	12,212	3,914	26	29	180.1	180.1	164.6	160.7	91.4	89.2	8.6	10.8	2,777	2,214	177.38	
Georgia.....	451,104	248,300	15,974	7,227	29	35	176.7	174.9	151.1	138.5	85.5	79.2	14.5	20.8	1,924	1,281	126.87	
Kentucky.....	509,458	36,619	17,230	1,395	31	28	171.1	176.6	142.4	149.0	83.2	84.4	16.8	15.6				
Louisiana.....	273,380	169,031	10,514	4,733	28	39	178.3	166.8	156.0	139.6	87.5	83.7	12.5	16.3	2,535	1,572		
Maryland.....	234,797	67,619	8,214	2,115	30	34	185.7	185.9	164.5	159.0	88.6	85.5	11.4	14.5	3,369	3,137	200.51	
Mississippi.....	259,418	259,988	9,088	6,572	29	40	162.9	140.9	150.0	117.8	92.1	83.6	7.0	16.4	1,703	638	114.74	
Missouri.....	570,575	53,182	21,672	1,693	27	32	181.1	192.9	154.3	165.8	85.2	86.0	14.8	14.0	2,070	2,475		
North Carolina.....	589,531	258,740	19,213	7,404	33	36	179.9	179.9	162.5	151.9	90.3	84.4	9.7	15.6	2,109	2,125	113.80	
Oklahoma.....	421,055	35,009	16,203	1,490	28	28	175.0	176.3	153.5	153.5	87.6	87.7	12.3	12.3	2,255	2,322	142.55	
South Carolina.....	251,353	207,457	9,400	6,505	27	33	179.2	169.0	162.7	132.2	84.8	78.1	13.2	21.9	2,007	1,359	146.32	
Tennessee.....	524,473	103,966	17,669	3,126	30	33	176.3	177.5	137.7	133.0	87.2	87.3	12.7	12.7				
Texas.....	1,078,242	200,798	40,711	6,950	28	30	174.3	171.5	167.6	163.0	84.7	81.0	15.3	19.0	2,620	2,384		
Virginia.....	410,339	150,636	15,081	4,713	30	38	180.0	180.0	161.0	154.7	89.4	85.9	10.6	14.1	2,080	2,003		
West Virginia.....	397,984	25,266	14,324	985	31	31	172.9	175.0	154.7	162.0	89.5	92.6	10.5	7.4				
District of Columbia.....	53,751	43,763	2,099	1,438	27	32	173.3	176.2	148.7	154.7	85.8	87.8	14.2	12.2				

<sup>1</sup> Information available for only 14 States.

<sup>2</sup> Information available for only 9 States.

Table 46.—Current expenditure for administration, instruction, operation and maintenance of plant, and auxiliary services in Negro public schools in 14 States keeping separate records,<sup>1</sup> 1947-48

[Thousands of dollars]

STATE	INSTRUCTION				OPERATION			AUXILIARY SERVICES							
	Adminis- tration (general control)	Total	Salaries of instruc- tional staff	Pay- ments for text- books	Other ex- pense of instruc- tion	Total	Wages of janitors, engineers, etc.	Fuel, light, power, janitors, supplies, etc.	Mainte- nance	Total	Promo- tion of health	Trans- portation of pupils	Other auxiliary agencies	School lunch program	Aid to private schools
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Alabama.....	427	11,983	11,639	88	256	345	84	194	415	586	586	586	18	341	---
Arkansas.....	332	3,208	3,108	43	57	278	---	---	139	692	---	332	---	---	---
Delaware.....	441	8,935	8,665	119	151	378	194	183	364	439	26	276	5	128	25
Florida.....	3 407	9,571	9,257	174	139	320	180	140	269	433	1	259	41	133	---
Georgia.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Louisiana.....	---	---	7,442	92	88	689	6,635	77	404	537	42	410	11	72	1
Maryland.....	299	6,955	6,635	92	227	689	45	77	161	224	218	218	3	3	---
Mississippi.....	100	4,499	4,193	129	178	122	45	---	---	---	---	---	---	---	---
Missouri.....	---	---	4 4,189	---	---	---	---	---	---	---	---	---	---	---	---
North Carolina.....	681	16,165	15,734	259	173	716	318	399	618	1,068	---	1,069	470	128	---
Oklahoma.....	718	3,895	3,781	30	85	14	---	---	---	---	---	---	---	---	---
South Carolina.....	120	8,818	8,717	---	100	299	105	194	247	459	---	356	601	2 103	---
Texas.....	---	---	16,568	---	---	---	---	---	---	---	---	---	---	---	---
Virginia.....	---	---	2 9,442	---	---	---	---	---	---	---	---	---	---	---	---

<sup>1</sup> Many States having separate white and Negro schools do not keep separate financial records.

<sup>2</sup> Estimated.

<sup>3</sup> Estimated on basis of teachers' salaries.

<sup>4</sup> Estimated from printed information.

Table 47.—Expenditure for fixed charges, capital outlay, interest, and debt retirement, and annual and daily expenditure per pupil in average daily attendance in Negro public schools in States keeping separate records,<sup>1</sup> 1947-48

STATE	AMOUNT (THOUSANDS OF DOLLARS)										ANNUAL EXPENDITURE FOR EDUCATION PER PUPIL IN AVERAGE DAILY ATTENDANCE FOR—					Daily expenditure
	Fixed charges	Total current expense for full-time day schools	Capital outlay			Interest	Total current expense, capital outlay and interest for full-time day schools	Expenditures for summer and adult schools	Total all schools	Debt service (payment of bonds and loans)	Total	Current expense	Interest	Capital outlay		
			Total	New buildings, sites, and alterations	New equipment											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Alabama.....	\$629	\$14,385	\$1,390	-----	-----	\$30	\$15,805	-----	\$15,805	-----	\$82.37	\$74.97	\$0.16	\$7.24	\$0.47	
Arkansas.....	213	4,861	1,803	\$584	\$719	32	5,697	-----	5,697	\$171	64.81	59.57	.40	9.84	.42	
Florida.....	310	10,886	1,027	881	177	128	12,042	\$177	12,219	-----	124.66	112.70	1.32	10.64	.69	
Georgia.....	550	11,550	1,773	773	-----	76	12,399	27	12,427	101	63.04	58.73	.38	3.93	.36	
Maryland.....	661	9,544	1,999	-----	-----	136	11,680	187	11,867	-----	202.00	165.06	2.36	34.58	1.09	
Mississippi.....	71	5,178	98	-----	-----	8	5,284	-----	5,284	-----	24.31	23.82	.04	.45	.17	
North Carolina.....	1,203	21,082	1,935	1,807	128	214	23,201	-----	23,201	-----	106.23	96.39	.98	8.86	.59	
Oklahoma.....	267	5,153	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
South Carolina.....	660	10,959	895	808	86	( <sup>2</sup> )	11,854	217	12,071	2	73.14	67.62	( <sup>4</sup> )	5.52	.43	

<sup>1</sup> Many States having separate White and Negro schools do not keep separate financial records.<sup>2</sup> Estimated.<sup>3</sup> Less than \$500.<sup>4</sup> Less than \$0.01.

Table 48.—Number of Negro public elementary and secondary schools, value of Negro school property, and transportation data for Negro schools in 15 Southern States<sup>1</sup> and the District of Columbia, 1947-48

STATE	NUMBER OF SCHOOLS			VALUE OF SCHOOL PROPERTY						TRANSPORTATION			
	Total	Elementary	Secondary	Total	Sites, when separately reported	Buildings	Equipment	Average value of school property per pupil in average daily attendance	Number of pupils transported at public expense	Number of vehicles operated at public expense	Expenditure of public funds for transportation (exclusive of capital outlay)	Expenditure per pupil transported	
1	2	3	4	5	6	7	8	9	10	11	12	13	
15 States and the District of Columbia.....	21,857	18,856	3,001										
Alabama.....	2,226	2,087	139	\$6,716,200	\$1,013,901	\$5,080,589	\$621,710	\$35.00	33,192	455	\$586,284	\$17.66	
Arkansas.....	1,009	874	135	6,577,180	420,382	5,466,107	690,691	80.59	19,086	304	332,131	17.40	
Delaware.....	68	65	3										
Florida.....	1,021	762	259	7,194,388	830,665	5,556,376	807,347	74.48	10,220		276,007	27.01	
Georgia.....	2,647	1,889	758	14,203,272	994,925	11,741,827	1,466,520	72.22	15,085	203	258,506	17.14	
Kentucky.....	436	377	59										
Louisiana.....	1,655	1,525	130	11,386,860	718,276	8,714,214	1,954,370	80.50	17,240	234	410,193	27.61	
Maryland.....	2,290	3,302	43	11,743,021	2,120,223	9,383,000	289,798	203.11	14,857		217,873	13.96	
Mississippi.....	3,541	3,308	233	11,000,000				50.61	15,608				
Missouri.....	354	308	46										
North Carolina.....	1,853	1,621	232	23,198,447		20,429,811	2,768,636	106.22	72,437	914	1,069,273	14.76	
Oklahoma.....	348	325	23						5,286	222	355,665	67.28	
South Carolina.....	2,290	1,173	1173	10,700,870	757,399	8,980,881	962,669	66.03	26,592	150	214,511	8.07	
Texas.....	3,494	3,123	371	22,554,233	2,039,077	19,224,248	1,290,908	138.64	32,150	483			
Virginia.....	1,453	1,318	116						38,661	507			
District of Columbia.....	67	55	12						44	3			

<sup>1</sup> Many States having separate white and Negro schools do not keep separate records for all items.

<sup>2</sup> Statistics for 1943-44.  
<sup>3</sup> Statistics for 1945-46.

Table 49.—Number of teachers employed in nonpublic (private and parochial) schools, by State, 1947-48

STATE, BY REGION	TOTAL IN ELEMENTARY AND SECONDARY SCHOOLS						ELEMENTARY AND KINDERGARTEN SCHOOLS			SECONDARY SCHOOLS		
	Total		Men		Women		Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10			
<b>Continental United States.</b>	108,998	19,331	89,667	67,430	3,753	63,677	41,568	15,578	25,990			
NEW ENGLAND.....	14,096	3,057	11,039	7,969	287	7,682	6,127	2,770	3,357			
Maine.....	1,107	247	860	595	-----	595	512	247	265			
New Hampshire.....	1,017	289	728	592	24	592	495	265	169			
Vermont.....	581	119	462	273	6	267	308	113	105			
Massachusetts.....	7,181	1,280	5,901	4,194	145	4,049	2,987	1,135	1,852			
Rhode Island.....	1,409	272	1,137	493	28	1,109	406	244	224			
Connecticut.....	2,801	830	1,971	1,372	54	1,288	1,429	766	663			
MIDDLE ATLANTIC.....	31,435	4,917	26,518	19,668	685	18,983	11,767	4,232	7,535			
New York.....	15,344	2,502	12,842	9,450	450	9,000	5,894	2,052	3,842			
New Jersey.....	4,915	695	4,220	3,120	48	3,072	1,795	647	1,148			
Pennsylvania.....	11,176	1,720	9,456	7,098	187	6,911	4,078	1,533	2,545			
EAST NORTH CENTRAL.....	26,996	4,018	22,978	18,318	1,043	17,275	8,678	2,975	5,703			
Ohio.....	5,896	783	5,113	3,758	54	3,704	2,138	729	1,409			
Indiana.....	2,383	458	1,925	1,845	233	1,612	538	225	313			
Illinois.....	9,447	1,672	7,775	6,424	461	5,963	3,023	1,211	1,812			
Michigan.....	5,013	586	4,427	3,099	162	2,937	1,914	424	1,490			
Wisconsin.....	4,257	519	3,738	3,192	133	3,059	1,065	386	679			
WEST NORTH CENTRAL.....	11,287	1,790	9,497	7,373	469	6,904	3,914	1,321	2,583			
Minnesota.....	2,855	391	2,464	1,923	73	1,850	932	318	614			
Iowa.....	2,283	409	1,874	1,389	140	1,249	894	269	625			
Missouri.....	3,019	465	2,554	1,949	61	1,888	1,070	404	666			
North Dakota.....	526	91	435	367	35	332	159	56	103			
South Dakota.....	488	86	402	347	36	311	141	50	91			
Nebraska.....	996	185	811	635	72	563	361	113	248			
Kansas.....	1,120	163	957	763	52	711	357	111	246			



Table 49.—Number of teachers employed in nonpublic (private and parochial) schools, by State, 1947-48—Continued

STATE, BY REGION	TOTAL IN ELEMENTARY AND SECONDARY SCHOOLS						ELEMENTARY AND KINDERGARTEN SCHOOLS						SECONDARY SCHOOLS		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
<b>SOUTH ATLANTIC</b> .....	6,835	1,690	5,145	3,398	217	3,181	3,437	1,473	1,964						
Delaware.....	378	94	284	209	8	201	169	86	83						
Maryland.....	2,065	373	1,692	1,242	66	1,176	823	307	516						
District of Columbia.....	706	181	615	305	37	268	401	144	257						
Virginia.....	1,110	388	731	834	24	310	785	364	421						
West Virginia.....	401	98	308	216	12	204	185	81	104						
North Carolina.....	400	141	349	223	18	205	267	123	144						
South Carolina.....	279	64	215	123	11	112	156	56	100						
Georgia.....	544	211	333	197	17	180	347	194	153						
Florida.....	763	145	618	439	27	412	304	118	186						
<b>EAST SOUTH CENTRAL</b> .....	3,760	948	2,812	2,007	243	1,764	1,753	705	1,048						
Kentucky.....	1,840	322	1,518	1,089	77	1,012	751	245	506						
Tennessee.....	813	337	476	350	85	265	453	252	211						
Alabama.....	659	157	502	353	38	315	306	119	187						
Mississippi.....	448	132	316	215	43	172	233	89	144						
<b>WEST SOUTH CENTRAL</b> .....	5,767	1,062	4,705	3,692	321	3,371	2,075	741	1,334						
Arkansas.....	316	67	249	185	17	168	131	50	81						
Louisiana.....	2,315	492	1,823	1,478	149	1,329	837	343	494						
Oklahoma.....	527	65	462	268	12	256	259	53	206						
Texas.....	2,609	438	2,171	1,761	143	1,618	848	295	553						
<b>MOUNTAIN</b> .....	2,444	517	1,927	1,461	210	1,251	983	307	676						
Montana.....	354	59	295	222	15	207	132	44	88						
Idaho.....	165	17	148	105	3	102	60	14	46						
Wyoming.....	67	23	44	49	16	33	18	7	11						
Colorado.....	845	222	623	476	93	383	369	129	240						
New Mexico.....	530	125	405	349	75	274	181	46	131						
Arizona.....	357	51	306	215	5	210	142	46	96						
Utah.....	114	20	94	36	3	33	78	17	61						
Nevada.....	12	1	11	9	1	8	3	1	3						
<b>PACIFIC</b> .....	6,378	1,332	5,046	3,544	278	3,266	2,834	1,054	1,780						
Washington.....	1,096	218	878	616	41	575	480	177	303						
Oregon.....	618	93	525	369	29	340	249	64	185						
California.....	4,664	1,021	3,643	2,559	208	2,351	2,105	813	1,292						

Table 50.—Number of pupils enrolled in nonpublic (private and parochial) schools, by State, 1947-48

STATE, BY REGION	TOTAL IN ELEMENTARY AND SECONDARY SCHOOLS				ELEMENTARY AND KINDERGARTEN SCHOOLS				SECONDARY SCHOOLS		
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls		
	2	3	4	5	6	7	8	9	10		
<b>Continental United States.....</b>	<b>3,053,914</b>	<b>1,517,404</b>	<b>1,536,510</b>	<b>2,451,430</b>	<b>1,232,793</b>	<b>1,218,637</b>	<b>692,484</b>	<b>284,611</b>	<b>317,873</b>		
NEW ENGLAND.....	350,187	173,698	176,489	270,973	134,858	136,115	79,214	38,840	40,374		
Maine.....	32,135	13,928	18,207	23,814	10,000	13,814	8,321	3,998	4,393		
New Hampshire.....	24,569	12,083	11,483	18,486	9,413	9,073	6,083	3,672	2,410		
Vermont.....	17,851	6,195	6,656	8,723	4,328	4,395	4,328	1,807	2,501		
Massachusetts.....	178,918	88,478	90,440	130,627	69,945	69,822	39,231	18,553	20,738		
Rhode Island.....	36,713	18,890	17,818	30,265	13,878	14,387	6,448	3,017	3,431		
Connecticut.....	65,001	33,116	31,885	50,088	23,294	24,764	14,943	7,822	7,121		
MIDDLE ATLANTIC.....	924,913	465,260	459,653	749,727	380,621	369,106	175,186	84,639	90,547		
New York.....	455,873	229,778	226,095	372,621	190,637	182,584	83,252	39,741	43,511		
New Jersey.....	147,266	73,661	73,605	120,780	60,938	59,842	26,486	12,723	13,763		
Pennsylvania.....	321,774	161,821	159,953	256,326	129,646	126,680	65,448	32,175	33,273		
EAST NORTH CENTRAL.....	836,311	413,851	422,460	682,286	343,807	338,479	154,025	70,044	83,981		
Ohio.....	131,455	89,642	91,813	146,395	73,350	73,045	35,060	16,292	18,768		
Indiana.....	60,127	30,723	29,404	50,099	25,470	24,629	10,028	5,253	4,775		
Illinois.....	285,286	139,362	145,924	231,593	115,562	116,031	53,693	23,800	29,893		
Michigan.....	179,013	88,195	90,818	140,726	71,513	69,213	38,287	16,682	21,605		
Wisconsin.....	130,430	65,929	64,501	113,473	57,912	55,561	16,957	8,017	8,940		
WEST NORTH CENTRAL.....	297,069	148,334	148,735	241,685	122,653	119,033	55,383	25,681	29,702		
Minnesota.....	77,175	38,646	38,529	64,822	32,969	31,853	12,353	5,677	6,676		
Iowa.....	26,248	12,513	12,513	20,529	10,622	10,907	5,232	2,626	2,606		
Missouri.....	92,346	46,670	45,676	75,638	38,450	37,188	16,708	8,290	8,488		
North Dakota.....	11,842	5,860	5,982	9,350	4,773	4,577	2,492	1,087	1,405		
South Dakota.....	10,254	4,814	5,440	8,569	4,138	4,431	1,685	676	1,009		
Nebraska.....	25,425	12,636	12,789	20,253	10,323	9,980	5,172	2,313	2,859		
Kansas.....	27,266	13,460	13,806	22,525	11,378	11,147	4,741	2,082	2,659		

Table 50.—Number of pupils enrolled in nonpublic (private and parochial) schools, by State, 1947-48—Continued

STATE, BY REGION	TOTAL IN ELEMENTARY AND SECONDARY SCHOOLS				ELEMENTARY AND KINDERGARTEN SCHOOLS				SECONDARY SCHOOLS			
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
<b>SOUTH ATLANTIC.....</b>	157,256	78,613	78,643	117,039	59,047	57,992	40,217	19,566	20,651			
Delaware.....	8,353	4,342	4,011	6,645	3,344	3,301	1,708	998	710			
Maryland.....	65,242	32,577	32,665	52,720	26,861	25,859	12,522	5,716	6,806			
District of Columbia.....	17,641	8,409	9,232	12,894	6,447	6,447	4,747	1,962	2,785			
Virginia.....	17,828	9,105	8,723	11,118	6,220	5,498	6,710	3,485	3,225			
West Virginia.....	9,470	5,098	4,372	6,732	3,414	3,318	2,231	1,684	1,054			
North Carolina.....	3,338	3,797	3,797	4,914	2,553	2,551	2,221	1,236	975			
South Carolina.....	5,799	2,670	3,059	3,832	1,893	1,939	1,897	777	1,120			
Georgia.....	10,515	5,468	5,022	6,546	3,311	3,225	3,969	2,182	1,787			
Florida.....	15,343	7,581	7,762	11,638	5,304	5,834	3,705	1,777	1,928			
<b>EAST SOUTH CENTRAL.....</b>	88,612	44,309	44,303	63,533	31,747	31,786	25,079	12,562	12,517			
Kentucky.....	46,315	22,369	23,946	33,802	16,968	16,834	12,513	5,401	7,112			
Tennessee.....	15,586	8,770	8,816	8,964	4,840	4,424	6,022	4,230	2,382			
Alabama.....	15,648	7,653	7,995	12,109	5,983	6,126	3,839	1,670	1,869			
Mississippi.....	11,063	5,517	5,546	8,668	4,266	4,402	2,405	1,261	1,144			
<b>WEST SOUTH CENTRAL.....</b>	172,160	84,317	87,843	146,038	71,723	74,315	26,122	12,594	13,528			
Arkansas.....	7,327	3,588	3,739	5,762	2,862	2,900	1,565	726	839			
Louisiana.....	80,190	40,065	40,125	68,894	34,279	34,615	11,286	5,786	5,510			
Oklahoma.....	9,870	4,781	5,089	7,660	3,792	3,868	2,210	989	1,221			
Texas.....	74,773	35,883	38,890	63,722	30,790	32,932	11,051	5,063	5,958			
<b>MOUNTAIN.....</b>	58,537	27,720	30,817	47,196	22,849	24,347	11,341	4,871	6,470			
Montana.....	9,472	4,569	4,903	7,841	3,927	3,914	1,631	642	989			
Idaho.....	3,495	1,647	1,848	2,906	1,436	1,470	589	211	378			
Wyoming.....	1,567	795	772	1,334	701	683	183	94	89			
Colorado.....	20,569	9,956	10,613	16,151	7,880	8,271	4,418	2,076	2,342			
New Mexico.....	13,885	6,455	7,480	11,980	5,616	6,364	1,955	839	1,116			
Arizona.....	7,113	3,277	3,836	5,195	2,904	2,691	1,917	773	1,145			
Utah.....	2,012	825	1,187	1,395	506	506	617	219	398			
Nevada.....	2,374	196	178	344	179	165	30	17	13			
<b>PACIFIC.....</b>	168,869	81,302	87,567	132,952	65,488	67,464	35,917	15,814	20,103			
Washington.....	24,185	11,695	12,490	18,648	9,321	9,327	5,537	2,374	3,163			
Oregon.....	14,403	6,942	7,461	11,194	5,525	5,669	3,209	1,417	1,792			
California.....	130,281	62,665	67,616	103,110	50,642	52,468	27,171	12,023	15,148			





Table 51.—Number of schools, teachers, and pupils in Catholic elementary and secondary schools, 1947-48—Continued

STATE, BY REGION	ELEMENTARY SCHOOLS										SECONDARY SCHOOLS										GRAND TOTAL
	Number of schools			Teachers			Enrollment				Number of schools	Teachers			Enrollment				Teachers	Pupils	
	Total	Religious		Lay	Total, including un- distributed	Boys ?	Girls ?	Total	Religious			Lay		Total, including un- distributed	Boys ?	Girls ?					
		Men	Women						Men	Women		Men	Women								
<b>1</b>	<b>2</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>9</b>	<b>7</b>	<b>8</b>	<b>10</b>	<b>15</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>18</b>	<b>16</b>	<b>17</b>	<b>19</b>	<b>20</b>		
	1, 274	6, 897	188	6, 428	281	223, 819	111, 133	107, 773	337	3, 368	772	2, 147	245	194	48, 889	22, 049	26, 445	10, 255	272, 708		
<b>WEST NORTH CENTRAL</b>																					
Minnesota.....	254	1, 816	40	1, 693	83	60, 685	30, 867	29, 818	59	723	131	458	77	57	11, 206	4, 960	6, 246	2, 539	71, 891		
Iowa.....	253	1, 354	36	1, 285	33	37, 825	19, 251	18, 574	120	856	190	617	27	22	10, 813	4, 832	5, 883	2, 210	48, 638		
Missouri.....	346	1, 792	7	1, 638	147	69, 844	35, 553	34, 291	65	908	263	511	62	72	14, 859	7, 083	7, 801	2, 700	84, 703		
North Dakota.....	52	354	25	327	2	9, 376	2, 380	2, 283	14	125	30	79	10	6	1, 689	720	880	479	11, 065		
South Dakota.....	47	340	30	303	7	8, 413	3, 965	4, 248	9	104	26	65	9	4	1, 137	409	728	444	9, 550		
Nebraska.....	128	527	16	507	4	16, 893	8, 614	8, 281	42	324	65	211	37	11	4, 830	2, 172	2, 658	851	21, 725		
Kansas.....	184	714	34	675	5	20, 781	10, 503	10, 278	28	318	67	206	23	22	4, 355	1, 873	2, 449	1, 032	25, 136		
<b>SOUTH ATLANTIC</b>	414	2, 701	88	2, 481	132	100, 782	-----	-----	138	1, 499	399	822	127	151	22, 651	9, 617	12, 949	4, 200	123, 433		
Delaware.....	20	176	1	161	14	6, 056	3, 064	2, 992	6	60	28	24	4	4	1, 330	742	688	236	7, 386		
Maryland.....	135	1, 066	23	1, 052	31	43, 613	18, 376	18, 254	36	469	123	275	38	33	8, 389	3, 425	4, 963	1, 575	52, 002		
District of Columbia.....	40	343	25	302	16	11, 049	(9)	(9)	16	228	58	110	102	19	41	3, 597	1, 386	2, 211	11, 646		
Virginia.....	34	250	4	220	26	9, 508	4, 789	4, 719	21	187	47	102	23	15	1, 966	866	1, 048	437	11, 474		
West Virginia.....	47	212	8	199	5	6, 648	3, 373	3, 275	14	131	27	86	10	8	966	908	1, 048	343	8, 614		
North Carolina.....	46	199	10	188	1	4, 338	2, 087	2, 251	10	111	38	47	5	21	4, 592	231	331	310	4, 930		
South Carolina.....	18	84	1	79	4	2, 563	1, 304	1, 259	9	41	11	26	3	4	766	300	421	125	3, 329		
Georgia.....	30	168	5	147	6	5, 526	2, 819	2, 707	9	72	23	34	10	5	1, 222	507	715	280	6, 748		
Florida.....	44	173	11	133	29	11, 481	5, 460	5, 031	22	200	44	118	18	20	2, 823	1, 251	1, 572	373	14, 304		
<b>EAST SOUTH CENTRAL</b>	316	1, 817	147	1, 604	66	57, 688	28, 908	28, 780	100	979	274	574	45	86	14, 957	6, 754	8, 133	2, 796	72, 645		
Kentucky.....	173	1, 055	65	970	20	32, 603	16, 374	16, 229	57	591	167	359	16	49	9, 280	3, 925	5, 285	1, 646	41, 883		
Tennessee.....	44	280	49	214	17	7, 225	3, 671	3, 554	16	163	44	85	9	15	2, 304	1, 270	1, 494	433	9, 019		
Alabama.....	56	289	3	274	12	9, 665	4, 834	4, 831	14	165	44	74	16	21	2, 227	1, 088	1, 129	444	11, 822		
Mississippi.....	43	193	30	146	17	8, 195	4, 029	4, 166	13	80	19	50	4	1	1, 056	461	685	273	9, 251		



WEST SOUTH CENTRAL.....	637	3,483	162	2,982	339	132,195	64,914	67,281	180	1,525	443	859	84	139	22,927	10,750	12,023	5,008	155,122
Arkansas.....	48	173	7	160	6	5,435	2,695	2,740	17	120	41	72	3	4	1,456	663	789	293	6,891
Louisiana.....	212	1,415	73	1,114	228	58,910	29,324	29,586	70	615	198	304	52	61	10,096	5,071	4,938	2,030	69,000
Oklahoma.....	66	254	7	241	6	7,191	3,572	3,619	26	183	35	133	4	21	1,875	855	1,020	447	9,066
Texas.....	311	1,641	75	1,467	99	60,659	29,323	31,336	67	597	169	350	25	53	9,500	4,161	5,276	2,238	70,159
MOUNTAIN.....	198	1,313	110	1,138	65	41,975	-----	-----	64	634	131	418	32	53	8,300	3,144	4,844	1,947	50,335
Montana.....	41	207	-----	206	1	7,822	1,551	1,555	15	126	31	81	9	5	1,556	547	853	333	9,378
Idaho.....	22	99	-----	99	-----	2,785	1,390	1,395	5	46	5	36	2	3	335	96	239	143	3,120
Wyoming.....	4	43	11	31	1	1,306	660	646	1	13	1	2	1	9	600	71	89	56	1,466
Colorado.....	67	413	52	328	33	14,195	6,945	7,250	22	265	77	146	15	27	3,680	1,700	1,980	678	17,875
New Mexico.....	39	311	45	246	20	9,380	4,386	4,974	12	96	12	80	4	-----	1,543	634	911	407	10,905
Arizona.....	19	203	2	191	10	4,890	( <sup>b</sup> )	( <sup>b</sup> )	4	50	-----	46	-----	4	678	-----	595	253	5,568
Utah.....	5	28	-----	28	-----	1,273	590	723	4	35	5	24	1	5	376	79	164	63	1,649
Nevada.....	1	9	-----	9	-----	344	179	165	1	3	-----	3	-----	30	17	13	12	374	-----
PACIFIC.....	440	3,288	133	2,920	235	125,763	61,917	63,846	131	1,708	481	915	131	241	29,793	12,894	16,574	5,056	155,556
Washington.....	73	569	29	539	1	17,215	8,622	8,593	28	331	116	193	11	11	4,794	2,125	2,669	900	22,009
Oregon.....	64	349	2	345	2	10,611	3,229	3,382	17	219	42	114	10	53	2,711	1,176	1,535	568	13,322
California.....	303	2,370	102	2,036	232	97,937	48,066	49,871	86	1,218	323	608	110	177	22,288	9,593	12,370	3,588	120,225

<sup>1</sup> Prepared by Department of Education, National Catholic Welfare Conference.

<sup>2</sup> Figures in this column too small, because of pupils undistributed as to sex. The number of elementary pupils undistributed as to sex is 122,318; of secondary pupils, is 8,443.

<sup>3</sup> 948 priests, 645 brothers.

<sup>4</sup> 4,248 priests, 2,354 brothers.

<sup>5</sup> District of Columbia includes 11,049 elementary pupils undistributed as to sex.

<sup>6</sup> Arizona includes 4,890 elementary pupils undistributed as to sex.





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*Biennial Survey of Education in the United States—1946-48*

*Chapter 3*

Statistics

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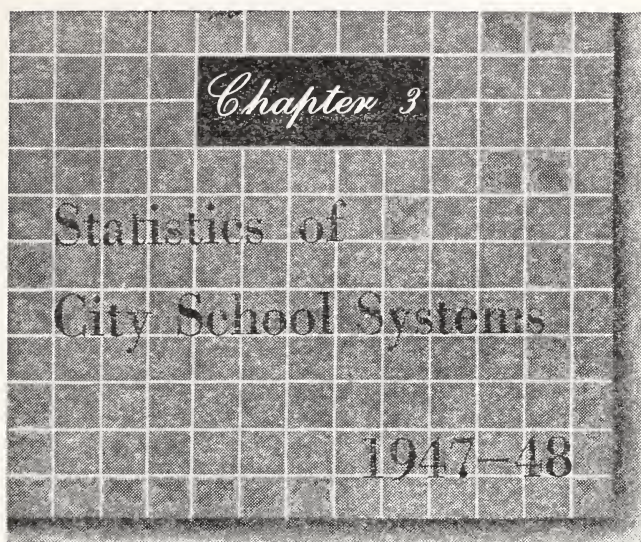
*1947-48*

FEDERAL SECURITY AGENCY

• Office of Education



*Biennial Survey of Education in the United States, 1946-48*



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# CONTENTS

## TEXT

	<i>Page</i>
FOREWORD.....	VI
INTRODUCTION.....	1
CLASSIFICATION OF CITY SYSTEMS.....	1
COVERAGE.....	2
ENROLLMENTS.....	2
SCHOOL ATTENDANCE.....	3
PUPIL-TEACHER RATIO.....	4
LENGTH OF SCHOOL YEAR AND DAYS ATTENDED.....	5
SUPERVISORY AND TEACHING STAFF.....	6
SALARY EXPENDITURE.....	7
SOURCES OF REVENUE FOR CITY SCHOOL SYSTEMS.....	9
DISTRIBUTION OF CITY SCHOOL EXPENDITURES.....	11
CURRENT EXPENDITURE PER PUPIL.....	13
VALUE OF SCHOOL PROPERTY.....	14
CITY SCHOOL DISTRICT BONDED INDEBTEDNESS AND CAPITAL OUTLAY.....	14
EXPENDITURES FOR CAPITAL OUTLAY.....	15
ADULT EDUCATION: AMERICANIZATION, NIGHT, AND PART-TIME SCHOOLS.....	16
SUMMER SCHOOLS.....	17

## TEXT TABLES

I. Percentage of enrollment in average daily attendance in full-time day schools in city systems, by population group, 1937-38 to 1947-48.....	3
II. Number of pupils enrolled and number in average daily attendance per teacher in city school systems, by population group, 1937-38 to 1947-48.....	4
III. Number of days schools were in session and average number of days attended by each pupil enrolled in city school systems, by population group, 1939-40 to 1947-48.....	5
IV. Distribution of city school systems according to number of days the public schools were in session, 1947-48.....	6
V. Percentage of men teachers in full-time day schools, by population group, 1937-38 to 1947-48.....	6
VI. Number of teachers per supervisor and per principal in city school systems, by population group, 1937-38 to 1947-48.....	7

## TEXT TABLES—Continued

	<i>Page</i>
VII. Average annual salaries of supervisors, principals, and teachers in city public day schools, and percentage increase, by population group, 1937-38, 1939-40, and 1947-48. . . . .	8
VIII. Percentage analysis of revenue receipts in city school systems, by population group, 1947-48. . . . .	10
IX. Percentage analysis of current and total expenditure in city school systems, by population group, 1947-48. . . . .	11
X. Range in percentage of amounts devoted to each of the six major current expenditure accounts for 237 cities, by population group, 1947-48. . . . .	12
XI. Annual current expenditure per pupil in average daily attendance in full-time day schools in city systems, by population group, 1937-38 to 1947-48. . . . .	13
XII. Value of school property per pupil in average daily attendance in city school systems, by population group, 1937-38 to 1947-48. . . . .	14
XIII. Bonds outstanding, less amount in bond reserves and sinking funds per pupil in average daily attendance in city school systems, by population group, 1937-38 to 1947-48. . . . .	15
XIV. Total amount and expenditure per pupil in average daily attendance for capital outlay in city school systems, by population group, 1937-38 to 1947-48. . . . .	16
XV. Adult and part-time education: Americanization, night, and continuation schools in city school systems, 1937-38 to 1947-48. . . . .	16
XVI. Summer schools in city school systems, 1937-38 to 1947-48. . . . .	17

## SUMMARY AND DETAIL TABLES

1. Comparative summary of personnel and fiscal data, by school level, for five groups of school systems in cities of 2,500 population or more, 1947-48. . . . .	18
2. Personnel, attendance, and fiscal data for public-school systems, by State and by city, 1947-48. . . . .	24

# FOREWORD

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WITH THE INCREASE in urbanization and the consolidation of school administrative units, more and more children are receiving their basic education in city school systems. Half (50.1 percent) of all children in the entire public elementary school and secondary school system in 1947-48 were enrolled in the separately organized city school systems dealt with in this bulletin. In some States (especially Florida, Louisiana, Maryland, and West Virginia), city schools are part of a county-unit system; such schools are not included in this report. If all the children who attend such county-administered urban schools were included in the present study, considerably more than half of all children would be found to be attending urban schools.

The problems of city schools are sufficiently unique to require the separate publication of data regarding such schools. The Office of Education published such a report annually from 1871 through 1917, and has published a similar report biennially since 1918.

By subtracting the data for separately organized city school systems of a State from the data for each State as a whole, it is possible to make a rough estimate for the rural school systems of the State. This is another reason why accurate and complete data for the city school systems of the Nation have always been regarded of prime importance.

A new feature of the present report is the inclusion of detailed data for a sample of cities of Group IV (population 5,000-9,999) and of Group V (population 2,500-4,999). This is the first time that such data have been given in the report on *Statistics of City School Systems*.

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*Chief, Research and Statistical Service.*

RALPH C. M. FLYNT

*Director, Special Educational Services*





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# Statistics of City School Systems, 1947-48

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## *Introduction*

THIS CHAPTER on city school systems of the Biennial Survey of Education continues the regular series of periodic reports published by the Office of Education since 1871. The primary purpose of the report is to present statistically the status of city school systems in 1947-48. It also reviews the more important trends and changes which have occurred during the past decade in school systems of cities with population of 2,500 or more.

This report does not include statistics on urban schools which are administered as part of a larger unit (such as a county<sup>1</sup>), because separate reports for such schools, apart from the total administrative unit, are not obtainable. It is to be noted, therefore, that while the statistics presented in this report are for city school systems, they do not cover the schools in all cities. Excluded also, as a class, are the statistics on schools in incorporated places of less than 2,500 population.

## *Classification of City Systems*

For purposes of analysis, the city school systems are classified into five groups according to the population reported in the United States Census of 1940. The number of cities in each group and the number of independent school systems in these cities are as follows:

<i>Group Size</i>	<i>Number of cities in 1940 census</i>	<i>Number of city school systems</i>
Total all groups (2,500 population and more).....	3,464	3,204
Group I (100,000 population and more).....	92	89
Group II (30,000 to 99,999 population).....	257	254
Group III (10,000 to 29,999 population).....	728	742
Group IV (5,000 to 9,999 population).....	1,016	917
Group V (2,500 to 4,999 population).....	1,371	1,202

In a number of instances there are two or more school systems, or school districts<sup>2</sup> within a city, and in the case of the two cities of Maywood-Melrose, Ill., the schools in these adjoining towns constitute elementary and high-school districts administered to serve in common both cities.

<sup>1</sup> The county unit system prevails in the States of Florida, Louisiana, Maryland, West Virginia, and to some extent is found in Georgia, North Carolina, Virginia, and a few other States.

<sup>2</sup> The boundaries of a city school district may or may not be coterminous with those of a municipality; whether this is true or not, the school district organization in most cases is an independent governmental unit not to be confused with the unit of government for the municipality.

The Office does not collect statistics on the rural schools as such, but, with proper adjustments for cities in the larger administrative units, it is possible to use the material in this study for estimating the data for rural schools in any given year for which the survey is made. The subtraction of the adjusted figures of city school systems from the total for the States, as reported by each of the State departments of education, permits one to make a rough estimate of the rural school figures for the Nation.

Detailed statistics are presented for each of the city school systems in cities of 30,000 population and more. For the cities in Group III (population 10,000 to 29,999), data are reported in detail for 435 school systems in 415 cities (constituting a sample of the total 728 cities in this Group). Heretofore, in this series, each of the Group III cities had been reported in detail. The number of Group III city school systems reported in detail has been reduced in order to make possible the inclusion of the detailed statistics for a sample of Group IV and Group V city school systems (218 cities being included in the sample of Group IV and 210 in the samples of Group V). This is the first biennial chapter in which statistics have been given in detail for individual school systems in cities of 2,500 to 9,999 population.

### *Coverage*

The basic data used for this report are derived from reports made by the city school systems or the State departments of education. In a few cases where returns were not received direct, or via the State departments of education, it was necessary to use data for a previous biennium—usually 1945-46. In all such cases footnotes indicate this usage.

The detailed data for the individual cities of Groups III, IV, and V have been augmented by the totals for the city school systems not reported in detail, in order to give the State totals for each of these city groups for the various items involved (table 2).

### *Enrollments*

During the regular school session of 1947-48 there were 12,188,845 pupils enrolled in the public day schools of city systems in places of 2,500 population and more. Of this number, 6,208,545 were boys, and 5,980,300 were girls. Of this same total enrollment, the nursery and kindergarten schools reported 775,171 pupils; the elementary schools, 6,924,841; the secondary schools, 4,298,433; and the institutions of post-secondary level *which were directly administered by the city board of education and city school superintendent* reported enrollments of 190,427 men and women students. In addition to the above, the city school systems reported 1,177,282 pupils enrolled in part-time school activities (adult, Americanization, night, and continuation schools), and 264,651 pupils enrolled in summer schools.

The regular full-time day enrollments in city public-school systems excluding junior college students constituted 50 percent of the comparable total regular full-time day public-school enrollment in the United States for 1947-48. More than half of all public-school pupils are attending urban schools, if cities in county-unit school systems are included.

The nursery, kindergarten, and elementary school enrollment in city school systems (7,699,985), *including as elementary only the enrollments in the grades preceding the junior high school in reorganized systems*, was 46 percent of the estimated total of 16,618,000 pupils for the Nation on the same basis. The secondary school enrollment of 4,298,433, *including all junior high schools but excluding any junior colleges* in city school systems, was 59 percent of the estimated 7,327,000 pupils for the Nation on the same basis. This high percentage of secondary pupils in city schools is due partly to the transportation at public-school expense of rural pupils to city high schools.

### School Attendance

The percentage of enrolled pupils in average daily attendance in 1937-38 was 86.7 as compared with 85.8 percent reported for 1947-48 (table I) showing a decrease of approximately 1 pupil in each 100. There has been, however, an upward trend in the relationship between enrollment and attendance since the World War II period, from 1941-42 to 1945-46, as evidenced by the 1943-44 low ratio of 83.2 pupils for all groups combined.

**Table I.—Percentage of enrollment in average daily attendance in full-time day schools in city systems, by population group, 1937-38 to 1947-48**

Year	All groups combined	Group I	Group II	Group III	Groups IV and V
1	2	3	4	5	6
1937-38.....	86.7	86.1	86.5	87.5	87.3
1939-40.....	86.6	85.2	87.2	88.4	87.8
1941-42.....	84.1	82.2	85.3	86.0	85.9
1943-44.....	83.2	80.8	84.4	86.3	85.1
1945-46.....	83.9	82.3	84.9	85.4	85.3
1947-48.....	85.8	83.9	87.3	87.8	87.1

From the trends registered by the individual groups of city school systems, (table I) it seems that the more populous the city the greater was the percentage decline (from 1937-38 to 1943-44) in average daily attendance as related to enrollments. This inverse movement between size of city and the percentage of enrollment in attendance is particularly evident in the data for the Group I and II city systems.

Group I cities reached a low in attendance of 80.8 pupils per each 100 enrolled in 1943-44, a drop of 5.3 pupils per each 100 enrolled as reported

in 1937-38. Group II cities registered a smaller reduction of 2.8 pupils per 100 between 1937-38 and 1943-44; the cities in Groups III, IV, and V maintained larger percentages of attendance to enrollment during the war years than did the cities in Groups I and II. The 1947-48 ratio of enrollment in average daily attendance is still smaller by 2.2 pupils per hundred in the group of largest cities than it was in 1937-38, although since 1943-44 the attendance increased by 3.1 pupils for each 100 enrolled. The percentages for each of the other three groups in 1947-48 approximated the high marks of prewar years.

The average daily attendance in 1947-48 was 10,455,100 for all levels of education from kindergarten through elementary, secondary, and college grades (under the city public-school system administration), or 85.8 percent of the total enrollment for city school systems. The total attendance figure reported for the city school systems was 50.1 percent of the total reported nationally for all full-time public elementary and secondary day schools. The 87.3 pupils in attendance reported nationally for each 100 enrolled in public schools was greater by 1.5 pupils per each 100 enrolled than that reported for all city public-school systems. Here again is additional evidence of attendance being better generally in the smaller school districts over the country than in the large city school systems.

### *Pupil-Teacher Ratio*

By dividing the total number of pupils by the total number of teaching positions one may obtain a quotient which is technically known as the "teaching load," or "the pupil-teacher ratio." Only the classroom teachers (in terms of number of positions) are included in this ratio. The average teaching load in all city school systems combined was 29.1 pupils enrolled and 25.0 pupils in average daily attendance for the 1947-48 school year.

The average number of pupils per teacher in 1937-38 was greater by four pupils enrolled and by three pupils in average daily attendance

**Table II.—Number of pupils enrolled and number in average daily attendance per teacher in city school systems, by population group, 1937-38 to 1947-48**

Year	All groups combined		Group I		Group II		Group III		Groups IV and V	
	En-rolled	Average daily attendance	En-rolled	Average daily attendance	En-rolled	Average daily attendance	En-rolled	Average daily attendance	En-rolled	Average daily attendance
1	2	3	4	5	6	7	8	9	10	11
1937-38.....	33	28	34	29	32	27	32	28	32	28
1939-40.....	32	28	33	29	30	27	31	27	31	27
1941-42.....	31	26	33	27	29	24	29	25	29	25
1943-44.....	31	25	33	27	29	24	29	25	29	25
1945-46.....	30	25	32	27	28	24	29	25	29	25
1947-48.....	29	25	31	26	27	24	28	24	28	24



than reported for all groups of cities in 1947-48 (table II). Contrary to the general expectation, the teaching load in each group of cities for 1947-48 has not only maintained the trend started in 1943-44 of fewer pupils per teacher than in previous bienniums, but, in the case of the Group I and III cities averaged less in 1947-48 than reported for 1945-46.

### *Length of School Year and Days Attended*

The average length of the city school year in actual days devoted to instruction has remained practically the same, between 180 to 182 days, over the last decade (table III). There is much more variation in the lengths of school year for individual school systems. It was found (table IV) that 1,681 city school systems, or 52.9 percent of the total, had a school year varying from 176 to 180 days in length. A school year of 176 days, or longer, was supported by 82.8 percent of the cities enumerated. The average length of the school year for a combination of two or more systems is determined by dividing the aggregate attendance (the total number of days attended by all pupils) by the average daily attendance. Using this formula, the average length of the school year for all the city school systems combined in 1947-48 was 181.9 days. The average for all public elementary and secondary schools in the Nation was 177.6 days for the school year in 1947-48. Only 549 city school systems had a school year of less than 176 days, while 949 systems had school years of 181 days or more. More than 50 percent of the city school systems in Groups I and II had a school year of more than 180 days. The average length of school year of 184 days in Group I cities exceeded that of Group II by 3 days, and that of the Groups III, IV, and V cities by 4 days (table III).

*Table III.—Number of days schools were in session and average number of days attended by each pupil enrolled in city school systems, by population group, 1939-40 to 1947-48*

Population group	Days in session					Days attended				
	1939-40	1941-42	1943-44	1945-46	1947-48	1939-40	1941-42	1943-44	1945-46	1947-48
1	2	3	4	5	6	7	8	9	10	11
All groups combined...	182	182	180	181	182	158	153	150	152	156
Group I.....	185	186	185	184	184	158	153	149	151	154
Group II.....	181	179	181	181	181	158	153	152	154	158
Group III.....	180	179	177	179	180	159	154	152	153	158
Group IV <sup>1</sup> .....	179	177	175	178	180	157	152	149	152	157

<sup>1</sup> Groups IV and V combined.

The average pupil enrolled in a city public-school system attended only 156 (table III) of the approximately 182 days provided in 1947-48. Absence from classes by pupils during the school year represented an average loss per enrolled pupil of 26 days, or 14.3 percent of the school



term. For the Nation as a whole, the similar loss was 22.5 days, or 12.7 percent of the school term.

**Table IV.—Distribution of city school systems according to number of days the public schools were in session, 1947-48**

Length of term in days	All groups combined		Group I		Group II		Group III		Groups IV and V	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
1	2	3	4	5	6	7	8	9	10	11
Total.....	3,179	100.0	89	100.0	241	100.0	730	100.0	2,119	100.0
161-165.....	2	( <sup>1</sup> )	0	-----	0	-----	0	-----	2	0.1
166-170.....	29	0.9	1	1.1	0	-----	9	1.2	19	1.0
171-175.....	518	16.3	9	10.1	27	11.3	114	15.6	368	17.4
176-180.....	1,681	52.9	34	38.2	86	35.7	350	47.9	1,211	57.1
181-185.....	550	17.3	26	29.2	74	30.7	143	19.6	307	14.5
186-190.....	293	9.2	16	18.0	36	14.9	86	11.8	155	7.3
191-195.....	53	1.7	1	1.1	9	3.7	15	2.1	28	1.3
196-200.....	53	1.7	2	2.3	9	3.7	13	1.8	29	1.3

<sup>1</sup> Less than 0.1 percent.

### *Supervisory and Teaching Staff*

The public day school systems in cities having a population of 2,500 and more reported for 1947-48 the following professional personnel (see Table 1, Comparative Summary): 5,666 superintendents, assistant superintendents, and other administration staff members; 5,129 supervisors; 18,847 principals; and 418,580 teachers and other instructional staff, counting but 1 person to a teaching position. The men numbered 88,395, or 21.1 percent of the total number of teacher and other instructional staff reported in 1947-48 (table V). In the 10-year period (1937-38 to 1947-48), the percentage of men teachers employed for all groups combined was highest in 1941-42, the prewar school year. Of the five city groups, the largest percentages of men employed as teachers were reported for the Group III, IV, and V cities, populations 2,500 to 29,999. In 1947-48, these three groups reported percentages that were still lower than in 1939-40 or 1941-42, although they were appreciably higher than the percentages shown for the war years of 1943 to 1946 (table V).

**Table V.—Percentage of men teachers in full-time day schools, by population group, 1937-38 to 1947-48**

Year	All groups combined	Group I	Group II	Group III	Groups IV and V
1	2	3	4	5	6
1937-38.....	19.1	18.3	18.1	18.7	21.9
1939-40.....	20.6	19.7	19.4	21.0	23.5
1941-42.....	21.5	20.1	20.6	22.4	24.1
1943-44.....	17.6	18.0	17.5	18.2	16.5
1945-46.....	19.1	19.3	18.4	18.6	19.6
1947-48.....	21.1	20.8	20.3	21.7	21.8

Until 1943-44, the proportion of men to women teachers employed by the city school systems had steadily increased through the prewar years. The demands of the military and war services reversed this trend, and in 1943-44 the percentage of men employed was lower than that of 1937-38 in each of the five city groups. The trend since 1945-46 has been upward, and nearly equals the high percentage for 1941-42.

The ratio of women teachers to men teachers in 1947-48 averaged 3.7 to 1; the highest ratio of 3.9 women to each man teacher occurred in the Group II cities, 30,000 to 99,999 population, while the Groups IV and V cities (population 2,500 to 9,999) reported the lowest ratio of 3.6 women to a man teacher. Thus, the groups of smaller city school systems employed the largest proportion of men in teaching positions.

The ratio of 82 teachers to a supervisor reported in 1947-48 for all groups was the lowest in city school systems since 1937-38. The proportion of teachers employed to principals did not vary greatly from the 1945-46 school year, except in the Group IV and V cities, which reported in 1947-48 only 21 teachers as compared to 24 teachers per principal for 1945-46. There has been a steady downward trend since 1937-38 in the number of teachers per principal employed for each of the groups of city school systems (table VI). The number of teachers averaged 82 to a supervisor, and 22 to a principal in 1947-48, 3 fewer in each case than in 1937-38.

*Table VI.—Number of teachers per supervisor and per principal in city school systems, by population group, 1937-38 to 1947-48*

Year	All groups combined		Group I		Group II		Group III		Groups IV and V	
	Per supervisor	Per principal	Per supervisor	Per principal	Per supervisor	Per principal	Per supervisor	Per principal	Per supervisor	Per principal
1	2	3	4	5	6	7	8	9	10	11
1937-38	85	25	107	24	64	24	60	23	125	36
1939-40	91	24	119	24	66	24	61	22	119	27
1941-42	92	24	117	24	62	23	62	23	150	28
1943-44	95	22	112	23	63	22	64	21	196	22
1945-46	90	23	93	23	61	22	76	22	174	24
1947-48	82	22	94	23	55	22	65	22	127	21

### *Salary Expenditure*

In 1947-48 the average salary of principals in the city public-school systems over the Nation was \$170 higher than that of supervisors, and \$1,292 higher than that paid teachers (table VII). Salaries of supervisors had increased an average of \$1,786, or 72.8 percent in 1947-48 over 1937-38; those of principals, \$1,432, or 48.1 percent; and the teacher salary increase averaged \$1,224, or 64.7 percent, in the 10-year period.

The 10-year salary increases not only have failed to maintain parity

**Table VII.—Average annual salaries of supervisors, principals, and teachers in city public day schools, and percentage increase, by population group, 1937-38, 1939-40, and 1947-48**

Population group	Total instructional staff				Supervisors			Principals			Teachers		
	1937-38	1939-40	1947-48		1937-38	1939-40	1947-48	1937-38	1939-40	1947-48	1937-38	1939-40	1947-48
	2	3	4		5	6	7	8	9	10	11	12	13
All groups combined.....	\$1,948	\$1,988	\$3,184		\$2,452	\$2,588	\$4,238	\$2,976	\$3,027	\$4,408	\$1,892	\$1,939	\$3,116
Percent increase over 1938.....		2.4	63.4			5.5	72.8		1.7	48.1		2.5	64.7
Group I.....	2,436	2,514	3,730		3,201	3,573	4,956	3,793	3,852	5,197	2,357	2,450	3,654
Percent increase over 1938.....		3.2	53.1			11.6	54.8		1.6	37.0		3.9	55.0
Group II.....	1,831	1,854	3,131		2,437	2,536	4,121	2,867	2,890	4,374	1,761	1,800	3,057
Percent increase over 1938.....		1.3	71.0			4.1	69.1		18.8	52.6		2.2	73.6
Group III.....	1,515	1,562	2,803		1,807	1,941	3,732	1,971	2,343	3,960	1,491	1,519	2,735
Percent increase over 1938.....		3.1	85.0			7.4	106.5		0.6	100.9		1.9	83.4
Groups IV and V (2,500 to 9,999 population)	1,309	1,332	2,545		1,808	1,829	3,525	1,870	1,882	3,463	1,281	1,309	2,495
Percent increase over 1938.....		1.8	94.4			1.2	95.0		55.8	85.2		2.2	94.8

in amount with the general rise in living costs for the decade, but also have been greatly affected by State and Federal Government taxes on personal income.<sup>3</sup> Prior to 1939-40 the salary income of the teaching profession paid from State and local funds was exempt from Federal and State personal income taxation. Thus, since 1939-40, the application of these Federal and State taxes to the salary income of public-school personnel has operated to reduce materially the full economic gains which salary increases otherwise would have produced for the teaching profession. The imposition of the income tax and, in addition, the effects of the inflation on the purchasing power of the dollar have served to cancel in large measure the highly publicized salary increases given to public-school teachers since 1937-38. Incidentally, the average salary increase of \$1,236 reported for the total instructional staff of city school systems between 1937-38 and 1947-48 was only \$38 greater than that reported as an average (\$1,198) for the schools of the Nation for the same period.

The Group II cities reported the largest average monetary gain in the amount of salaries paid, while the Group IV and V cities had the largest proportional gain (94.4 percent) for the 10-year period (table VII). Similarly, for teachers' salaries, the larger systems averaged the greater monetary gains, while the two groups of smaller city systems made proportionately larger average salary increases for the decade.

The average salary paid the instructional staff, e. g., supervisors, principals, and teachers by city school systems, in 1947-48 was \$3,184, as compared to \$2,639 for the country as a whole. The difference is \$545, or 20.7 percent

### *Sources of Revenue for City School Systems*

A percentage distribution of revenues by source in 1947-48 for all city school systems (i. e., those having populations of 2,500 and more) shows that they were derived as follows: 60.5 percent from local sources; 28.4 percent from State Governments;<sup>4</sup> 6.9 percent from county governments; 1.8 percent from such miscellaneous sources as proceeds from fines, gifts, etc.; and 2.4 percent directly from the Federal Government (table VIII).

A corresponding distribution made for the 1937-38 school year shows that the major changes in the percentages have occurred in the revenue derived from State and county sources, both of which increased in 1947-48

<sup>3</sup> Between 1939-40 and 1947-48, the Bureau of Labor Statistics' Consumer Price Index rose from 100 to 170. Multiplying \$2,071 million, the total current expenditure in 1947-48, by 100/170 yields \$1,218, which is approximately the total current expenditure for 1939-40 in the city school systems of the Nation. Thus, since the greater part (70 to 85 percent) of the total current expenditure consists of the amount paid in salaries, the teacher salary, in terms of uniform purchasing power, was no better in 1947-48 than in 1939-40. In fact, the imposing of State and Federal personal income taxes (which average around 15 percent) on teachers' salaries in 1939-40 and the inflationary price spiral of the postwar years have acted to decrease the purchasing power of the teacher below that of 1939-40.

<sup>4</sup> Includes funds provided by the Federal Government for vocational education and distributed to city school districts by the respective States along with State funds for vocational education.



over 1937-38, with corresponding percentage reductions in revenues derived from local sources.

There is considerable variation in the percentage distribution of revenue receipts by source for the same year for city school systems of different groups. One of the most significant of these variations and one which can be explained, at least in part, relates to the percentages from State sources. The school systems in Group IV and V cities, those having populations of 2,500 to 9,999, received much larger percentages of their funds from the State governments than did those of other groups (table VIII). The distribution of State funds is made on the principle that such help should be apportioned to local school districts in accordance with their needs. Consequently, small city school systems, being less able, generally, to support schools, receive a proportionately larger share of State funds than do the school systems in the large cities. For example, Group I and II cities each received less than 30 percent of their financial support from State funds, while the Group IV and V cities received 34 and 37 percent, respectively, of their school funds from this source. The Group III cities, which are of intermediate size (populations 10,000 to 29,999), received 30 percent of their total school revenues from the State governments.

*Table VIII.—Percentage analysis of revenue receipts in city school systems, by population group, 1947-48*

Population group	Total	Federal Government (direct)	State government, including Federal aid for vocational education	County government	Local sources				All other sources
					Total from local sources	From taxation and municipal appropriations for current expense	From taxation for debt service	From other districts for tuition and transfers	
1	2	3	4	5	6	7	8	9	10
<b>1948</b>									
All groups combined.....	100.0	2.4	28.4	6.9	60.5	54.6	3.9	2.0	1.8
I.....	100.0	3.5	26.1	5.4	63.7	60.6	2.7	0.4	1.3
II.....	100.0	1.4	25.6	6.2	64.5	56.9	5.7	1.9	2.3
III.....	100.0	1.5	30.0	8.5	57.7	50.1	4.5	3.1	2.3
IV.....	100.0	1.9	34.2	9.4	52.3	42.9	4.9	4.5	2.2
V.....	100.0	1.7	37.1	10.6	48.0	39.1	4.1	4.8	2.6
<b>1938</b>									
All groups combined.....	100.0	1.3	23.0	2.2	71.8	61.5	8.9	1.4	1.7
Percent of change 1938 to 1948.....		+1.1	+5.4	+4.7	-11.3	-6.9	-5.0	+0.6	+0.1

The total funds for school purposes distributed by the county governments were likewise apportioned so that the largest proportion of funds from this source went to the smaller cities.



The percentages of the total amount received from local sources of taxation declined considerably between 1937-38 and 1947-48. Particularly is this true of the percentages representative of the amounts derived from taxation for debt service (table VIII column 8) which in 1937-38 were 8.9 percent of the total as compared with 3.9 percent in 1947-48. The decline may be explained by the fact that during the war years the local school districts continued liquidating outstanding indebtedness; while the floating of new bond issues was held to a minimum, thus reducing the percentages of the total revenue receipts necessary to meet debt service charges.

Of the \$2,336,827,908 reported as revenue receipts for 1947-48 by the 3,204 city school systems, the 89 Group I cities accounted for 46.7 percent; the 254 Group II cities, for 17.6 percent; the 742 Group III cities, for 17.5 percent; the 917 Group IV cities, for 10.0 percent; and the 1,202 Group V cities, for 8.2 percent of the total for all cities reported.

Of the national total of \$4.3 billion revenue receipts available in 1947-48 for public-school purposes, \$2.3 billion, or 53 percent of the total, was the share available to city public-school systems for use during the 1947-48 school year.

### *Distribution of City School Expenditures*

An analysis of that part of the total expenditure which was used for current expenditures of all city school systems combined shows that 3.6 percent went for Administration (General Control); 71.9 percent for Instruction; 10.4 percent for Operation; 4.9 percent for Maintenance; 3.9 percent for Auxiliary School Services; 3.6 percent for Fixed Charges;

*Table IX.—Percentage analysis of current and total expenditure in city school systems, by population group, 1947-48*

Purpose	All groups combined	I	II	III	IV	V
1	2	3	4	5	6	7
Current expenditures.....	100.0	100.0	100.0	100.0	100.0	100.0
General control.....	3.6	3.3	3.1	3.8	4.6	5.0
Instruction.....	71.9	71.9	73.3	72.3	71.1	69.6
Operation.....	10.4	9.9	11.1	11.2	10.6	10.1
Maintenance.....	4.9	4.9	5.2	4.7	4.6	4.3
Auxiliary services:						
Allocable to pupil cost.....	3.2	2.3	2.8	3.7	5.0	6.4
Nonallocable to pupil cost.....	.7	.7	.6	.5	.4	.7
Fixed charges:						
Allocable to pupil cost.....	3.2	4.6	1.8	2.0	2.0	2.2
Nonallocable to pupil cost.....	.4	.1	.7	.7	.7	.9
Part-time schools.....	1.5	2.0	1.2	.9	1.0	.8
Summer schools.....	.2	.3	.2	.2		
Total expenditures.....	100.0	100.0	100.0	100.0	100.0	100.0
Current expenditure.....	83.0	82.7	83.8	83.9	82.4	82.0
Capital outlay.....	8.1	6.8	7.9	9.1	10.7	11.6
Debt service (excluding interest).....	7.1	8.3	6.8	5.6	5.5	5.1
Interest payments.....	1.8	2.2	1.5	1.4	1.4	1.3

and 1.7 percent was allocated to Part-time and Summer School activities. Of the total expenditure, considering all city school systems again, 83.0 percent was used for Current Expenditures; 8.1, for Capital Outlay; 7.1 percent, for Debt Service, excluding interest; and 1.8 percent, for Interest during 1947-48.

A comparison of the percentages of funds used for these various purposes shows that Group I and II cities used the largest proportion of their total current expense funds, 74.2 and 74.7 percent, respectively, for Instruction when the amounts used for part-time and summer school instruction are included with the expenditure reported for full-time day school instruction. The same groups of cities used the smallest percentages (3.3 and 3.1) for Administration (General Control). As the size of the city school system decreases, it would appear from the percentage analysis that the proportion of the total amount expended for Administration or General Control increases (table IX).

The same thing is also true of the percentages of expenditure made for Auxiliary Services, in which the item of transportation increases greatly the total amounts expended by the small city school system as compared with that expended by the larger city systems in Groups I and II. The expenditures for Fixed Charges on the other hand, varies only in respect to the Group I cities, where the percentage of the total funds used is much greater than that of any of the other groups. This striking variation reflects in great measure the amount expended by the Group I cities for retirement and pension systems. Expenditures for Operation and Maintenance vary but slightly for the several groups of cities of 30,000 and more population.

Although the percentage distribution of the total expenditure for the six major current expenditure accounts appears to be fairly uniform among the different city-sized groups, the percentage analysis of the distribution made for individual cities within groups discloses wide variations. For example, in a sample of 237 cities,<sup>5</sup> the proportions of the

**Table X.—Range in percentage of amounts devoted to each of the six major current expenditure accounts for 237 cities, by population group, 1947-48**

Purpose	All groups combined (237 cities)	Group I (50 cities)	Group II (55 cities)	Group III (69 cities)	Groups IV and V (63 cities)
1	2	3	4	5	6
Administration (general control)	1.4-10.2	1.4- 6.9	1.8- 6.0	1.6- 6.4	2.2-10.2
Instruction	59.9-86.8	65.2-85.4	59.9-86.3	66.0-86.8	61.7-86.2
Operation school plant	5.1-18.8	6.3-16.4	6.1-17.3	6.4-18.8	5.1-17.0
Maintenance school plant	.2-15.3	2.9- 8.1	1.1-15.3	.2-12.6	.2- 9.5
Auxiliary services	.1-21.6	.1- 8.5	.1- 7.9	.1-11.3	.0-21.5
Fixed charges	.0-11.1	.0-11.1	.0- 6.7	.0- 8.4	.0- 9.2

<sup>5</sup> See *Expenditure Per Pupil in City School Systems, 1947-48*. Federal Security Agency, Office of Education, Circular No. 260.

total current expenditures ranged from 1.4 to 10.2 percent for Administration; 59.9 to 86.8 percent for Instruction; 5.1 to 18.8 for Operation of School Plant; 0.2 to 15.3 percent for Maintenance of School Plant; from 0.1 to 21.6 percent for Auxiliary School Services; and from 0.0 to 11.1 percent for Fixed Charges (table X).

### *Current Expenditure Per Pupil*

The total current expenditure per pupil in average daily attendance was \$198.99 in full-time city public day schools in 1947-48. This was \$19.56, or 10.9 percent greater than the similar expenditure of \$179.43 for all public schools, city and rural. For all city groups combined, the average expenditure per pupil increased in 1947-48 by 95.9 percent over the 1937-38 expenditure. The expenditure per pupil in the Group I city school systems showed an average increase of \$100.81 per pupil, or 84.4 percent, from 1937-38 to 1947-48. For Group II, the increase for the 10-year period averaged \$107.42, or 108.8 percent, per pupil; for Group III, it was \$96.39, or 113.8 percent; and for Groups IV and V combined, the expenditure increase per pupil was \$91.52, or 121.6 percent greater than in 1937-38. Although the groups of larger cities had monetary increases in the expenditure per pupil greater than the groups of smaller city school systems, the proportion of increase was much larger for the groups of less populous cities (table XI).

During the decade each biennium showed an increase in the amount of expenditure per pupil reported, and this increase gained momentum in 1943-44 with a 12.6 percent rise over the 1941-42 biennium for all groups of city school systems, 14.3 percent increase in 1945-46 over the

**Table XI.—Annual current expenditure per pupil in average daily attendance in full-time day schools in city systems, by population group, 1937-38 to 1947-48**

Year	All groups combined	Group I	Group II	Group III	Groups IV and V
1	2	3	4	5	6
<b>Amount of expenditure:</b>					
1937-38.....	\$101.60	\$119.50	\$98.72	\$84.69	\$75.23
1939-40.....	106.63	127.22	101.80	87.32	80.00
1941-42.....	116.90	137.44	113.62	99.98	89.70
1943-44.....	131.64	153.80	131.10	112.58	103.14
1945-46.....	150.47	174.01	152.63	132.79	123.97
1947-48.....	198.99	220.31	206.14	181.08	166.75
<b>Percentage increase:</b>					
1937-38 to 1939-40.....	4.9	6.4	3.1	3.1	6.3
1939-40 to 1941-42.....	9.6	8.0	11.6	14.5	12.1
1941-42 to 1943-44.....	12.6	11.9	15.4	12.6	14.9
1943-44 to 1945-46.....	14.3	13.1	16.4	17.9	20.2
1945-46 to 1947-48.....	32.2	26.6	35.1	36.3	34.5
<b>Changes from 1937-38 to 1947-48:</b>					
Amount of increase.....	\$97.39	\$100.81	\$107.42	\$96.39	\$91.52
Percentage increase.....	95.9	84.4	108.8	113.8	121.6

previous biennium, and a 32.2 percent increase between 1945-46 and 1947-48.

### *Value of School Property*

The value of school property (original cost plus cost of additions and improvements) per pupil in average daily attendance in 1947-48, for all city school systems combined, was \$623. For the schools of the Nation as a whole, the value of school property per pupil was \$385, or 61.8 percent of the average amount shown for the city school systems. With the exception of Group I for the 1945-46 biennium, there was a consistent increase reported each biennium in the value of school property per pupil for all groups of city school systems for the decade from 1937-38 to 1947-48 (table XII). The differences in the amount of these property values per pupil over the years is partly due to changes in the proportion of pupils in average daily attendance and to reporting readjustments in appraisals to conform to increased replacement costs in school property instead of reporting original cost as requested. At best, this is a difficult figure to collect because of the various bases on which value may be reported. Thus, these value figures should be used with caution.

For all groups of city school systems combined the increase in the value of the school plant during the decade from 1937-38 to 1947-48 was \$183, or 41.2 percent per pupil in average daily attendance. By groups of cities, the increase for Group I, was \$184, or 37.9 percent per pupil for the decade; for Group II, \$180, or 37.5 percent per pupil; for Group III, \$194, or 48.4 percent; for Groups IV and V cities, \$200, or 60.4 percent increase per pupil over the amounts in value reported in 1937-38. The total value of city school property was \$6,511,175,000 in 1947-48 (table 1).

*Table XII.—Value of school property per pupil in average daily attendance in city school systems, by population group, 1937-38 to 1947-48*

Year	All groups combined	Group I	Group II	Group III	Groups IV and V
1	2	3	4	5	6
1937-38.....	\$440	\$486	\$480	\$401	\$331
1939-40.....	474	539	485	430	355
1941-42.....	520	592	536	475	388
1943-44.....	637	657	578	506	457
1945-46.....	555	657	601	529	501
1947-48.....	623	670	660	595	531

### *City School District Bonded Indebtedness and Capital Outlay*

The bonded indebtedness in 1947-48, less amounts in school sinking funds and bond and interest accounts, for all city school systems of 2,500 population or more, was \$1,181,209,000, or \$112.98 per pupil in average



daily attendance (table XIII). Other forms of school debt outstanding in 1947-48, such as unpaid teachers' warrants, short-term loans, and current obligations amounted to \$31,620,000 for all groups of cities (table 1).

**Table XIII.—Bonds outstanding, less amount in bond reserves and sinking funds per pupil in average daily attendance in city school systems, by population group, 1937-38 to 1947-48**

Year	All groups combined		Group I		Group II		Group III		Groups IV and V	
	Total (in thousands)	Per pupil in A.D.A.	Total (in thousands)	Per pupil in A.D.A.	Total (in thousands)	Per pupil in A.D.A.	Total (in thousands)	Per pupil in A.D.A.	Total (in thousands)	Per pupil in A.D.A.
1	2	3	4	5	6	7	8	9	10	11
1937-38.....	1,761,374	196.56	1,146,742	217.00	321,601	183.15	293,031	152.58	(1)	(1)
1939-40.....	1,596,510	179.12	1,015,882	199.35	304,290	161.93	276,338	142.59	(1)	(1)
1941-42.....	1,646,429	194.56	1,073,457	226.41	302,351	167.50	270,621	141.25	(1)	(1)
1943-44.....	1,403,057	176.07	923,920	210.60	255,621	150.68	223,516	118.56	(1)	(1)
1945-46.....	958,442	94.48	417,774	95.87	203,419	119.16	184,625	98.16	152,624	72.73
1947-48.....	1,181,209	112.98	447,993	100.32	247,215	139.33	234,646	118.76	251,355	112.24

<sup>1</sup> Data not available.

The total amount reserved in school sinking funds (\$71,080,000) and in interest and bond accounts (\$99,483,000) to meet interest and payments on maturing term and serial bond obligations for all city school systems in 1947-48 has been deducted from the total bonded indebtedness of \$1,351,772,000 reported for all groups of cities to get the net indebtedness of \$1,181,209,000 in 1947-48 (table XIII).

The amount of bonds outstanding, less school bond reserves and sinking funds, per pupil in average daily attendance in 1947-48 was greater by \$18.50 per pupil than the total reported for 1945-46 of \$94.48 per pupil. This increase of 19.6 percent reflects, no doubt, the additional bond flotations made to meet the greater expenditure reported in 1947-48 for schoolhouse construction and purchases of equipment, as compared with that of 1945-46.

### ***Expenditures for Capital Outlay***

The 1947-48 Capital Outlay expenditure of \$19.71 per pupil in average daily attendance for all city school systems was more than 8 times as great as that reported for 1943-44 of \$2.41, and 4 times the \$4.98 expended per pupil in 1945-46. (table XIV). The city school systems expenditure in 1947-48 for sites, new buildings, additions, improvements plus new equipment was \$206,117,821, or \$19.71 per pupil in average daily attend-



ance. In 1945-46 this capital outlay expenditure was only \$49,976,245. or \$4.98 per pupil in average daily attendance.

**Table XIV.—Total amount and expenditure per pupil in average daily attendance for capital outlay in city school systems, by population group, 1937-38 to 1947-48**

Year	All groups combined		Group I		Group II		Group III		Groups IV and V	
	Total (in thousands)	Per pupil	Total (in thousands)	Per pupil	Total (in thousands)	Per pupil	Total (in thousands)	Per pupil	Total (in thousands)	Per pupil
1	2	3	4	5	6	7	8	9	10	11
1937-38.....	\$126,519	\$11.37	\$77,151	\$14.60	\$15,557	\$8.86	\$16,519	\$8.60	\$17,292	\$7.99
1939-40.....	130,263	11.73	66,725	13.09	24,103	12.83	19,536	10.08	19,899	9.07
1941-42.....	61,725	5.80	24,663	5.20	10,490	5.81	12,071	6.30	14,501	6.68
1943-44.....	24,269	2.41	10,107	2.30	3,488	2.06	5,004	2.65	5,670	2.28
1945-46.....	49,976	4.98	17,622	4.04	8,915	5.22	9,777	5.20	13,662	6.51
1947-48.....	206,118	19.71	81,923	18.35	34,221	19.29	38,989	19.73	50,985	22.77

### *Adult Education: Americanization, Night, and Part-Time Schools*

The last decade has seen a consistent increase in the number of cities maintaining adult education facilities (night, Americanization, part-time, and continuation schools) as a responsibility of the public-school board of education (table XV). The number of city school systems reporting such schools increased from 412 in 1937-38 to 876 in 1947-48.

The expenditure for these adult education schools increased from \$8,631,445 to \$31,008,034 in the 10-year period; this is almost quadruple the 1937-38 total. Enrollments increased only 15.8 percent from 1937-38 to 1947-48; the cost per pupil rose from \$8.49 in 1937-38 to \$26.34 in 1947-48. The number of personnel (supervisors, principals, and teachers) increased 10.8 percent during the same period.

**Table XV.—Adult and part-time education: Americanization, night, and continuation schools in city school systems, 1937-38 to 1947-48**

Year	Number				Expenditure for systems reporting	
	Systems reporting	Supervisors, principals, and teachers	Enrolled	Pupils to a teacher	Total	Per pupil
1	2	3	4	5	6	7
1937-38.....	412	18,617	1,016,435	54.6	\$8,631,445	\$8.49
1939-40.....	482	20,495	1,099,343	53.6	8,441,447	7.68
1945-46.....	532	18,507	956,154	51.4	15,268,980	15.97
1947-48.....	876	20,625	1,177,282	59.7	31,008,034	26.34

*Summer Schools*

In 1947-48 the total number of city school systems that reported summer schools was 278, more than double the number for 1937-38. Personnel (supervisors, principals, and teachers) increased in the same 10-year period by 120 percent; enrollment expanded from 106,270 to 264,651, or 149 percent; and expenditures increased from \$771,305 in 1937-38 to \$3,977,809 in 1947-48, an increase of 416 percent. The expenditure per pupil enrolled in these schools, however, only slightly more than doubled during the decade.

*Table XVI.—Summer schools in city school systems, 1937-38 to 1947-48*

Year	Number of systems reporting	Number of supervisors, principals, and teachers	Enrollment	Pupil-instructional staff ratio	Expenditure for systems reporting	
					Total	Per pupil
1	2	3	4	5	6	7
1937-38-----	135	3,661	106,270	29:1	\$771,305	\$7.26
1939-40-----	170	3,938	127,452	32:1	847,428	6.65
1945-46-----	173	5,402	215,254	40:1	2,062,677	9.58
1947-48-----	278	8,042	264,651	33:1	3,977,809	15.03

*Table 1.—Comparative summary of personnel and fiscal data, by school level, for the five groups of school systems in cities of 2,500 population or more, 1947-48*

Item	Population grouping: based on U. S. Census of 1940					
	All groups combined	Group I 100,000 population and more	Group II 30,000 to 99,999 population	Group III 10,000 to 29,999 population	Group IV 5,000 to 9,999 population	Group V 2,500 to 4,999 population
1	2	3	4	5	6	7
<b>I.—Attendance and personnel in public day schools</b>						
Number of city school systems	3,204	89	254	742	917	1,202
Number of superintendents and other administrative staff	5,666	1,526	768	1,054	1,003	1,315
Number of supervisors	5,129	1,815	1,342	1,249	486	237
Number of principals	18,847	7,440	3,335	3,765	2,300	2,007
Number of teachers and other instructional staff:						
Men	88,395	35,661	15,102	17,651	10,627	9,354
Women	330,185	135,607	59,361	63,659	39,108	32,450
Total	418,580	171,268	74,463	81,310	49,735	41,804
Number of clerks (instruction)	15,572	9,224	2,584	2,153	1,020	591
Enrollment:						
Boys	6,208,545	2,732,449	1,037,620	1,141,706	704,497	592,273
Girls	5,980,300	2,597,042	1,001,825	1,107,449	692,759	581,225
Total	12,188,845	5,329,491	2,039,445	2,249,155	1,397,256	1,173,498
Average daily attendance	10,455,160	4,465,625	1,774,352	1,975,837	1,220,446	1,018,900
Aggregate days attended	1,901,531,550	822,443,693	321,772,141	355,392,611	219,819,016	182,104,089
Length of school year (actual days in session)	181.9	184.2	181.3	179.9	180.1	178.7
Average number of days attended	156.1	154.4	157.7	158.0	157.2	155.1
Percent of enrollment in average daily attendance	85.8	83.8	87.0	87.8	87.3	86.8
<b>II.—Distribution of personnel and attendance in public day schools</b>						
Nursery and kindergarten schools:						
Number of city systems	1,629	72	162	389	456	550
Number of supervisors	55	25	12	9	6	3
Number of teachers:						
Women	13,060	7,066	2,367	1,864	977	786
Enrollment:						
Boys	395,700	225,423	62,211	55,746	29,579	22,741
Girls	379,471	218,497	56,758	53,561	28,922	21,733
Total	775,171	443,920	118,969	109,307	58,501	44,474
Average daily attendance	539,764	286,489	92,562	85,218	43,109	32,386
Number of pupils enrolled per teacher	59.4	62.6	50.3	58.6	59.9	56.6
Number of pupils in average daily attendance per teacher	41.3	40.5	39.1	45.7	44.1	41.2
Number of schools	7,952	3,803	1,424	1,433	742	550
Elementary schools:						
Number of city systems	3,065	89	244	697	876	1,159
Number of supervisors	2,844	890	789	796	248	121
Number of principals	11,879	5,097	2,263	2,345	1,254	920
Number of teachers:						
Men	13,635	5,495	1,979	2,756	1,864	1,541
Women	207,842	85,803	36,672	39,881	24,804	20,682
Total	221,477	91,298	38,651	42,637	26,668	22,223

*Table 1.—Comparative summary of personnel and fiscal data, by school level, for the five groups of school systems in cities of 2,500 population or more, 1947-48—Continued*

Item	Population grouping: based on U. S. Census of 1940					
	All groups combined	Group I 100,000 population and more	Group II 30,000 to 99,999 population	Group III 10,000 to 29,999 population	Group IV 5,000 to 9,999 population	Group V 2,500 to 4,999 population
1	2	3	4	5	6	7
Enrollment:						
Boys.....	3,549,489	1,499,302	587,003	658,847	434,276	370,061
Girls.....	3,375,325	1,418,997	560,235	629,418	415,507	351,168
<b>Total.....</b>	<b>6,924,814</b>	<b>2,918,299</b>	<b>1,147,238</b>	<b>1,288,265</b>	<b>849,783</b>	<b>721,229</b>
Average daily attendance.....	6,034,577	2,521,948	1,008,885	1,135,462	740,179	628,103
Number of pupils enrolled per teacher.....	31.3	32.0	29.7	30.2	31.9	32.5
Number of pupils in average daily attendance per teacher.....	27.2	27.6	26.1	26.6	27.8	28.3
Number of schools.....	19,376	5,941	3,192	4,399	3,084	2,760
Secondary schools:						
Number of city systems....	2,915	89	239	687	826	1,074
Number of supervisors....	2,184	874	528	439	231	112
Number of principals.....	6,813	2,281	1,032	1,385	1,035	1,080
Number of teachers:						
Men.....	71,714	28,401	12,567	14,374	8,673	7,699
Women.....	107,005	41,522	19,796	21,547	13,236	10,904
<b>Total.....</b>	<b>178,719</b>	<b>69,923</b>	<b>32,363</b>	<b>35,921</b>	<b>21,909</b>	<b>18,603</b>
Enrollment:						
Boys.....	2,141,358	929,445	366,281	400,235	238,429	197,968
Girls.....	2,157,075	915,641	369,866	416,586	247,370	207,612
<b>Total.....</b>	<b>4,298,433</b>	<b>1,845,086</b>	<b>736,147</b>	<b>825,821</b>	<b>485,799</b>	<b>405,580</b>
Average daily attendance.....	3,756,011	1,584,024	646,760	734,076	434,577	356,574
Number of pupils enrolled per teacher.....	24.1	26.4	22.7	23.0	22.2	21.8
Number of pupils in average daily attendance per teacher.....	21.0	22.7	20.0	20.4	19.8	19.2
Number of schools.....	6,097	1,420	862	1,295	1,164	1,356
City universities, colleges, and normal schools:						
Number of city systems reporting.....	140	21	27	43	24	25
Number of supervisors....	46	26	13	5	1	1
Number of principals.....	155	62	40	35	11	7
Number of teachers:						
Men.....	3,046	1,765	556	521	90	114
Women.....	2,278	1,216	526	367	91	78
<b>Total.....</b>	<b>5,324</b>	<b>2,981</b>	<b>1,082</b>	<b>888</b>	<b>181</b>	<b>192</b>
Enrollment:						
Men.....	121,998	78,279	22,125	17,878	2,213	1,503
Women.....	68,429	43,907	14,966	7,884	960	712
<b>Total.....</b>	<b>190,427</b>	<b>122,186</b>	<b>37,091</b>	<b>25,762</b>	<b>3,173</b>	<b>2,215</b>
Average daily attendance.....	124,808	73,164	26,145	21,081	2,581	1,837
Number of schools.....	161	45	31	45	20	20



**Table 1.—Comparative summary of personnel and fiscal data, by school level, for the five groups of school systems in cities of 2,500 population or more, 1947-48—Continued**

Item	Population grouping: based on U. S. Census of 1940					
	All groups combined	Group I 100,000 population and more	Group II 30,000 to 99,999 population	Group III 10,000 to 29,999 population	Group IV 5,000 to 9,999 population	Group V 2,500 to 4,999 population
1	2	3	4	5	6	7
<b>III.—Adult education, Americanization, night, and continuation schools</b>						
Number of city systems reporting.....	876	76	148	248	215	189
Supervisors and principals.....	904	459	155	172	86	82
Teachers.....	19,721	11,541	3,366	2,811	1,149	854
<b>Total supervisors, principals, and teachers.....</b>	<b>20,625</b>	<b>12,000</b>	<b>3,521</b>	<b>2,983</b>	<b>1,235</b>	<b>886</b>
Enrollment.....	1,177,282	813,308	161,807	133,553	42,985	25,629
Number of pupils enrolled per teacher.....	59.7	70.5	48.1	47.5	37.4	30.0
<b>IV.—Summer schools</b>						
Number of city systems reporting.....	278	51	73	96	37	21
Supervisors and principals.....	397	241	82	86	13	15
Teachers.....	7,645	5,041	1,475	918	151	60
<b>Total supervisors, principals, and teachers.....</b>	<b>8,042</b>	<b>5,282</b>	<b>1,537</b>	<b>984</b>	<b>164</b>	<b>75</b>
Enrollment.....	264,651	190,879	44,596	22,400	3,969	2,807
Number of pupils enrolled per teacher.....	34.6	37.9	30.2	24.4	26.3	46.8
<b>V.—Receipts and balances</b>						
<b>Revenue receipts:</b>						
From the Federal Government for veterans' education.....	\$23,200,024	\$12,131,466	\$4,003,558	\$3,084,417	\$2,216,596	\$1,763,987
From the Federal Government for purposes other than veterans' education.....	34,253,119	25,641,067	1,656,071	3,198,170	2,201,116	1,556,695
From the State.....	663,220,441	284,306,145	105,499,104	122,661,575	79,548,764	71,204,853
From the county (taxes and appropriations).....	161,819,421	59,164,223	25,641,760	34,738,235	21,980,150	20,295,053
From local taxation.....	1,200,745,379	617,380,123	217,644,334	196,944,430	95,752,849	73,023,643
From separate tax levy by district, city, or county, for debt service.....	90,365,465	29,353,329	23,347,795	18,325,982	11,461,593	7,876,766
From appropriations from local civil divisions.....	74,773,993	43,081,318	17,232,558	8,098,587	4,290,296	2,071,234
From other school districts for tuition and transfers.....	45,352,106	5,061,272	7,756,324	12,763,126	10,599,219	9,172,165
All other local revenue receipts.....	43,097,960	14,303,830	9,377,024	9,436,542	5,067,234	4,913,330
<b>Total revenue receipts.....</b>	<b>2,336,827,908</b>	<b>1,090,422,773</b>	<b>412,158,528</b>	<b>409,251,064</b>	<b>233,117,817</b>	<b>191,877,726</b>
<b>Nonrevenue receipts:</b>						
From loans and bond sales.....	271,118,719	132,402,403	35,924,963	50,367,688	32,433,586	19,990,079
All other nonrevenue receipts.....	27,113,458	11,579,787	4,622,519	4,648,614	3,259,705	3,002,733
<b>Total nonrevenue receipts.....</b>	<b>298,232,177</b>	<b>143,982,190</b>	<b>40,547,582</b>	<b>55,016,302</b>	<b>35,693,291</b>	<b>22,992,812</b>
<b>Total revenue and nonrevenue receipts.....</b>	<b>2,635,060,085</b>	<b>1,234,404,963</b>	<b>452,706,110</b>	<b>464,267,366</b>	<b>268,811,108</b>	<b>214,870,538</b>
<b>Balances from previous school year:</b>						
For current operations.....	218,617,110	68,367,276	48,842,262	48,102,790	28,233,048	25,071,734
For building reserve.....	250,277,048	131,976,015	40,610,315	34,260,609	23,929,387	19,500,722
For serial bond interest and redemption.....	46,320,389	18,900,642	7,700,934	8,782,276	6,290,223	4,646,314
<b>Grand total, all receipts and balances.....</b>	<b>3,150,274,632</b>	<b>1,453,648,896</b>	<b>549,859,621</b>	<b>555,413,041</b>	<b>327,263,766</b>	<b>264,089,308</b>



Table 1.—Comparative summary of personnel and fiscal data, by school level, for the five groups of school systems in cities of 2,500 population or more, 1947-48—Continued

Item	Population grouping: based on U. S. Census of 1940					
	All groups combined	Group I 100,000 population and more	Group II 30,000 to 99,999 population	Group III 10,000 to 29,999 population	Group IV 5,000 to 9,999 population	Group V 2,500 to 4,999 population
1	2	3	4	5	6	7
<b>VI.—Expenditures for full-time day schools</b>						
General control:						
Business.....	32,055,178	14,346,351	5,616,913	5,851,247	3,453,670	2,786,997
Educational.....	43,606,956	18,170,236	5,794,557	7,823,669	6,126,556	5,691,938
<b>Total.....</b>	<b>75,662,134</b>	<b>32,516,587</b>	<b>11,411,470</b>	<b>13,674,916</b>	<b>9,580,226</b>	<b>8,478,935</b>
Expenditure for instruction (full-time day schools)						
Salaries:						
Supervisors.....	21,734,698	8,994,623	5,530,291	4,660,896	1,746,674	802,214
Principals.....	83,077,919	38,668,216	14,586,035	14,908,407	8,139,192	6,776,069
Teachers and other instructional staff.....	1,304,127,589	625,734,625	227,670,372	222,376,644	126,556,852	101,789,096
Clerks.....	31,690,639	20,017,144	5,290,925	4,140,446	1,511,406	1,000,718
Cost of free textbooks.....	15,445,151	6,306,128	2,403,542	3,295,590	1,933,658	1,506,233
Cost of supplies, school libraries, and other instructional expenditure.....	58,903,237	21,096,373	12,378,897	12,109,941	7,188,738	6,129,288
<b>Total expenditure for instruction (full-time day schools).....</b>	<b>1,515,249,233</b>	<b>720,817,109</b>	<b>267,860,662</b>	<b>261,491,924</b>	<b>147,076,520</b>	<b>118,003,618</b>
Operation of plant (janitors' wages, fuel, light, etc.).....	218,923,214	99,057,489	40,451,467	40,405,770	21,988,034	17,020,454
Maintenance of plant (repairs and replacements).....	102,331,213	49,367,395	19,147,714	17,142,427	9,407,039	7,266,638
Auxiliary services:						
Promotion of health.....	20,817,077	9,609,541	3,972,503	3,913,447	2,020,182	1,301,404
School lunch programs.....	13,080,605	3,419,435	2,516,036	3,089,907	2,176,632	1,878,595
Extracurricular activities allocated to pupil costs.....	12,992,020	6,010,680	1,864,759	2,235,532	1,720,702	1,070,347
Transportation of pupils.....	21,217,369	4,403,808	1,709,408	4,174,055	4,357,988	6,572,110
Community services: (not allocated to pupil costs)						
Public libraries not devoted to school use only.....	3,179,534	1,536,519	879,156	506,608	121,080	136,171
Other community services (public recreation, etc.).....	8,599,238	5,095,647	1,189,387	1,097,614	497,579	719,011
Services to nonpublic schools (not allocated to pupil costs).....	2,025,705	825,418	229,973	339,793	274,704	355,817
Fixed charges:						
Allocated to pupil costs.....	68,205,967	46,489,273	6,644,447	7,117,102	4,177,738	3,777,407
Not allocated to pupil costs (transfers between districts for tuition, etc.).....	9,207,895	1,397,991	2,420,672	2,514,071	1,375,881	1,499,280
Current expenditure allocated to pupil costs (full-time day schools).....	2,048,478,832	971,691,317	355,577,866	353,335,080	202,505,061	165,369,508
Current expenditure not allocated to pupil costs (full-time day schools).....	23,012,372	8,855,575	4,719,188	4,458,086	2,269,244	2,710,279
<b>Total current expenditure, full-time day schools.....</b>	<b>2,071,491,204</b>	<b>980,546,892</b>	<b>360,297,054</b>	<b>357,793,166</b>	<b>204,774,305</b>	<b>168,079,787</b>

*Table 1.—Comparative summary of personnel and fiscal data, by school level, for the five groups of school systems in cities of 2,500 population or more, 1947-48—Continued*

Item	Population grouping: based on U. S. Census of 1940					
	All groups combined	Group I 100,000 population and more	Group II 30,000 to 99,999 population	Group III 10,000 to 29,999 population	Group IV 5,000 to 9,999 population	Group V 2,500 to 4,999 population
1	2	3	4	5	6	7
<b>VII.—Part-time schooling; adult education; Americanization, night, and continuation schools</b>						
Expenditure for instruction.....	27,321,307	17,835,462	3,576,298	2,805,104	1,812,358	1,292,085
All other expenditure.....	3,686,727	2,321,158	723,099	401,913	134,909	105,648
<b>Total expenditure.....</b>	<b>31,008,034</b>	<b>20,156,620</b>	<b>4,299,397</b>	<b>3,207,017</b>	<b>1,947,267</b>	<b>1,397,733</b>
Expenditure per pupil enrolled	26.34	24.78	26.57	24.01	45.30	54.54
<b>VIII.—Summer schools (conducted at public expense)</b>						
Expenditure for instruction.....	2,936,788	2,128,723	443,434	292,092	47,376	25,163
All other expenditure.....	1,041,021	520,721	117,911	375,447	7,433	19,509
<b>Total expenditure.....</b>	<b>3,977,809</b>	<b>2,649,444</b>	<b>561,345</b>	<b>667,539</b>	<b>54,809</b>	<b>44,672</b>
Expenditure per pupil enrolled	15.03	13.88	12.59	29.80	13.81	15.91
<b>Total current expenditure for day, part-time, and summer schools.....</b>	<b>2,106,477,647</b>	<b>1,003,352,956</b>	<b>365,157,796</b>	<b>361,667,722</b>	<b>206,776,381</b>	<b>169,522,192</b>
<b>IX.—Expenditure for capital outlay</b>						
For sites, new buildings, additions, and improvements.....	171,173,739	74,534,678	27,149,243	31,295,777	20,351,888	17,842,153
For new equipment.....	34,944,082	7,388,797	7,071,285	7,693,061	6,608,072	6,182,867
<b>Total expenditure for capital outlay.....</b>	<b>206,117,821</b>	<b>81,923,475</b>	<b>34,220,528</b>	<b>38,988,838</b>	<b>26,959,960</b>	<b>24,025,020</b>
<b>X.—Expenditure for debt service</b>						
For redemption of short term loans.....	64,945,932	52,465,415	6,212,310	3,184,872	1,988,545	1,094,790
For redemption of school bonds:						
Paid from current funds..	93,429,906	43,426,788	18,397,467	15,625,384	8,678,564	7,301,703
Paid from sinking funds..	12,919,123	5,113,067	3,082,619	2,968,732	1,057,632	697,073
Paid by issue of new bonds	1,049,095	604,000	-----	216,000	64,000	165,095
For interest paid on indebtedness:						
Paid from current funds..	46,058,777	27,277,387	6,563,671	6,171,809	3,396,611	2,649,299
Paid from sinking funds..	2,994,084	114,828	1,204,324	1,029,413	435,459	210,060
For payment into school sinking funds.....	17,970,566	4,681,660	4,251,153	4,808,951	2,423,782	1,805,020
For all other items of debt service.....	2,975,378	270,136	944,970	681,370	648,732	430,170
<b>Total expenditure from current funds for debt service.....</b>	<b>225,380,559</b>	<b>128,121,386</b>	<b>36,369,571</b>	<b>30,472,386</b>	<b>17,136,234</b>	<b>13,280,982</b>
<b>XI.—Balances carried to following school year</b>						
For current operations.....	242,260,102	67,966,963	54,395,959	58,367,163	33,373,143	28,156,874
For building reserves.....	323,450,217	151,737,359	52,510,009	57,850,649	36,907,310	24,444,890
For serial bond interest and redemption.....	46,588,886	20,546,757	7,205,758	8,066,283	6,110,738	4,659,350

Table 1.—Comparative summary of personnel and fiscal data, by school level, for the five groups of school systems in cities of 2,500 population or more, 1947-48—Continued

Item	Population grouping: based on U. S. Census of 1940					
	All groups combined	Group I 100,000 population and more	Group II 30,000 to 99,999 population	Group III 10,000 to 29,999 population	Group IV 5,000 to 9,999 population	Group V 2,500 to 4,999 population
1	2	3	4	5	6	7
<b>XII.—Grand total expenditures</b>						
Total current expenditure, all schools, capital outlay, debt service, and balances.....	3,150,274,632	1,453,648,896	549,859,621	555,413,041	327,263,766	264,089,303
<b>XIII.—Bonds and sinking funds</b>						
School bonds outstanding at close of school year.....	1,351,772,000	516,936,000	279,513,060	271,598,000	162,714,000	121,011,000
Other forms of school debt at close of school year.....	31,620,000	7,627,000	8,042,000	6,930,000	5,470,000	3,551,000
Total amount in school sinking funds at close of school year.....	71,080,000	37,391,000	10,301,000	9,673,000	6,147,000	7,568,000
Total amount in interest and bond accounts at close of school year	99,483,000	31,552,000	21,997,000	27,279,000	11,803,600	6,852,000
<b>XIV.—Value of school property</b>						
Total value.....	6,511,175,000	2,990,581,000	1,171,537,000	1,174,682,000	682,669,000	505,705,000
Value per pupil in average daily attendance.....	622.77	669.68	660.26	594.72	559.36	496.33

Table 2.—Personnel, attendance, and fiscal data for

GROUP I.—CITIES OF 100,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
1 Continental United States..	1,815	7,440	35,661	135,607	2,732,449	2,597,042	4,465,625	26.1	822,443
2 ALABAMA .....									
3 Birmingham .....	10	51	178	1,280	24,409	24,507	41,228	28.3	7,424
4 CALIFORNIA .....	243	927	4,141	14,357	316,421	287,371	499,391	-----	89,257
5 Long Beach .....	23	41	377	1,020	28,090	23,704	36,325	26.0	6,466
6 Los Angeles .....	140	540	2,388	8,113	181,490	165,866	291,570	27.8	52,186
7 Oakland .....	24	108	172	1,398	24,158	23,687	45,804	29.2	8,153
8 Sacramento .....	16	34	228	510	10,609	10,379	17,908	24.3	3,062
9 San Diego .....	16	61	356	1,167	31,841	29,040	42,223	27.7	7,558
10 San Francisco .....	24	143	<sup>a</sup> 620	<sup>a</sup> 2,149	40,233	34,695	65,561	23.7	11,832
11 COLORADO .....									
12 Denver .....	24	94	302	1,220	27,562	26,625	43,416	27.4	7,757
13 CONNECTICUT .....	49	110	354	2,137	31,165	30,582	54,345	-----	9,816
14 Bridgeport .....	9	45	74	658	10,062	9,986	17,549	24.0	3,184
15 Hartford .....	8	23	<sup>a</sup> 136	<sup>a</sup> 702	10,528	10,177	17,663	21.1	3,188
16 New Haven .....	32	42	144	777	10,575	10,419	19,133	20.8	3,444
17 DELAWARE .....									
18 Wilmington .....	11	20	110	409	7,164	6,619	11,819	22.8	2,092
19 DISTRICT OF COLUMBIA .....									
20 Washington .....	45	163	585	2,810	49,687	49,053	85,558	25.2	14,945
21 GEORGIA .....									
22 Atlanta .....	13	67	272	1,279	26,407	25,919	43,581	28.1	7,890
23 ILLINOIS .....	68	398	2,975	10,009	219,512	202,437	347,171	-----	69,258
24 Chicago .....	55	367	<sup>a</sup> 2,846	<sup>a</sup> 9,528	210,667	193,591	333,594	29.3	66,719
25 Peoria .....	13	31	129	481	8,845	8,846	13,577	22.3	2,539
26 INDIANA .....	57	188	850	2,824	54,736	53,850	93,379	-----	16,644
27 Fort Wayne .....	8	24	155	400	7,731	7,679	13,239	23.9	2,437
28 Gary .....	10	20	125	531	10,754	10,493	18,411	28.1	3,456
29 Indianapolis .....	26	121	430	1,542	28,581	28,368	48,899	24.8	8,506
30 South Bend .....	13	23	140	351	7,670	7,310	12,830	26.1	2,245
31 IOWA .....									
32 Des Moines .....	10	27	200	828	15,422	14,948	25,501	24.8	4,585
33 KANSAS .....	18	80	232	1,066	24,641	23,073	40,982	-----	7,236
34 Kansas City .....	8	33	118	478	11,942	11,117	19,781	33.2	3,462
35 Wichita .....	10	47	114	618	12,699	11,956	21,201	29.0	3,774
36 KENTUCKY .....									
37 Louisville .....	11	59	275	1,192	20,616	20,243	34,740	23.7	6,522
38 LOUISIANA .....									
39 New Orleans .....	20	90	261	1,463	28,995	30,104	46,065	26.7	8,292
40 MARYLAND .....									
41 Baltimore .....	60	132	712	2,900	60,109	57,431	95,745	26.5	18,024

See footnotes at end of table.







Table 2.—Personnel, attendance, and fiscal data for

GROUP I.—CITIES OF 100,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
42 MASSACHUSETTS	71	293	1,701	5,396	105,459	98,006	172,687	-----	30,570
43 Boston	0	103	952	2,289	52,332	47,435	82,825	25.6	14,555
44 Cambridge	11	20	142	355	6,092	5,377	9,543	19.2	1,628
45 Fall River	14	23	43	371	6,085	5,550	10,127	24.5	1,788
46 Lowell	0	15	59	331	4,231	4,194	7,670	19.7	1,372
47 New Bedford	17	29	45	403	5,726	5,704	10,137	22.6	1,827
48 Somerville	4	12	141	387	7,524	7,066	12,262	23.2	2,140
49 Springfield	16	30	120	599	10,103	9,821	17,137	23.8	3,100
50 Worcester	9	61	199	661	13,366	12,859	22,986	26.7	4,160
51 MICHIGAN	98	453	2,298	6,635	168,978	151,759	263,503	-----	49,585
52 Detroit (Includes Wayne U.)	78	388	1,961	5,342	142,837	127,488	219,454	30.0	41,477
53 Flint	9	33	177	696	14,804	14,008	24,554	28.1	4,545
54 Grand Rapids	11	32	160	597	11,337	10,263	19,495	25.8	3,563
55 MINNESOTA	54	173	702	3,133	61,280	58,386	103,484	-----	18,138
56 Duluth	12	23	116	459	8,507	7,498	13,692	23.8	2,444
57 Minneapolis	24	81	386	1,758	34,614	33,416	58,518	27.3	10,065
58 St. Paul	18	69	200	916	18,159	17,472	31,274	28.0	5,629
59 MISSOURI	23	245	800	3,728	80,692	78,238	131,360	-----	25,378
60 Kansas City	2	113	331	1,481	30,456	28,740	50,106	27.7	10,021
61 St. Louis	21	132	469	2,247	50,236	49,498	81,254	29.9	15,357
62 NEBRASKA	-----	-----	-----	-----	-----	-----	-----	-----	-----
63 Omaha	12	49	126	894	17,166	15,976	28,521	28.0	5,305
64 NEW JERSEY	127	189	1,346	4,589	79,048	75,161	128,573	-----	23,627
65 Camden	2	28	90	506	8,623	8,031	14,192	23.8	2,569
66 Elizabeth	13	20	157	472	6,464	6,191	11,139	17.7	2,049
67 Jersey City	24	46	249	957	16,843	15,330	26,502	22.0	4,874
68 Newark	75	42	490	1,632	29,625	29,478	48,611	22.9	9,086
69 Paterson	7	26	189	605	10,093	8,882	15,779	19.9	2,801
70 Trenton	6	27	171	417	7,400	7,249	12,350	21.0	2,248
71 NEW YORK	189	1,493	8,370	29,029	551,455	525,897	907,651	-----	168,757
72 Albany	27	25	75	548	6,824	6,236	10,888	17.5	1,979
73 Buffalo	19	102	571	2,332	38,629	34,061	62,475	21.5	11,355
74 New York	66	1,223	7,066	23,090	456,146	440,130	752,381	24.9	140,265
75 Rochester	14	46	<sup>2</sup> 314	<sup>2</sup> 1,090	18,166	16,773	30,075	21.4	5,597
76 Syracuse	29	52	160	910	15,062	13,491	24,109	22.5	4,532
77 Utica	12	16	74	463	6,876	6,248	11,226	23.5	2,079
78 Yonkers	22	29	110	596	9,752	8,958	16,497	23.4	2,950
79 NORTH CAROLINA	-----	-----	-----	-----	-----	-----	-----	-----	-----
80 Charlotte	1	23	54	521	9,055	8,911	16,105	28.0	2,899
81 OHIO	123	584	2,299	9,080	184,633	179,289	314,742	-----	57,870
82 Akron	8	54	223	1,099	21,484	20,697	36,083	27.3	6,603
83 Canton	4	26	139	454	8,730	8,546	15,474	26.1	2,801
84 Cincinnati	22	93	<sup>3</sup> 381	<sup>3</sup> 1,501	30,251	29,506	50,460	26.8	9,541
85 Cleveland	42	204	685	2,519	55,096	53,053	93,851	29.3	17,269
86 Columbus	13	66	306	1,143	21,960	21,653	37,801	26.1	6,933
87 Dayton	5	54	180	642	16,207	16,023	28,295	34.4	5,054
88 Toledo	18	52	207	1,018	19,258	18,163	31,843	26.0	5,859
89 Youngstown	11	35	<sup>3</sup> 178	<sup>3</sup> 704	<sup>6</sup> 11,647	<sup>6</sup> 11,648	20,935	23.7	3,810

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

## POPULATION OR MORE—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
280,605	1,296,981	23,866,204	297,328	295,391	981,352	37,453	1,162,044	2,261	42
(4)	579,264	12,124,951	227,659	95,219	494,972	19,348	(4)	1,371	43
55,000	90,000	1,670,000	10,000	24,591	49,514	2,600	9,647	(4)	44
49,000	80,500	1,200,227	10,000	16,797	37,962	1,888	10,504	(4)	45
(4)	52,500	1,123,204	(4)	17,958	(4)	1,550	32,267	(4)	46
52,680	120,227	1,297,765	12,369	14,671	29,263	1,972	23,875	20	47
15,925	55,990	1,606,387	12,300	20,748	58,311	2,304	794,436	870	48
72,000	105,000	2,475,084	15,000	50,645	172,288	4,018	242,220	(4)	49
36,000	213,500	2,368,586	10,000	54,762	139,042	3,773	49,095	(4)	50
387,241	2,513,376	38,522,475	1,084,455	230,924	908,822	60,646	5,252,149	2,020	51
295,996	2,198,574	33,497,801	935,514	199,947	673,223	52,087	5,164,068	(4)	52
43,330	186,392	2,714,443	82,365	30,977	75,261	4,739	38,584	1,254	53
47,915	128,410	2,310,231	66,576	(4)	160,338	3,820	49,497	768	54
272,640	795,666	13,078,910	396,377	349,987	454,219	21,123	319,895	19,814	55
40,494	109,891	1,939,308	62,212	18,281	87,759	3,223	166,838	529	56
159,018	369,575	7,498,849	245,723	244,578	190,969	11,859	88,756	10,657	57
73,128	316,200	3,640,753	88,442	87,128	175,491	6,041	64,301	8,620	58
110,253	1,138,265	15,744,557	381,586	207,770	444,433	26,597	505,161	8,150	59
8,715	492,299	6,639,431	182,167	85,667	189,606	10,486	60,860	7,165	60
101,538	645,966	9,105,126	199,419	122,103	254,827	16,111	444,301	985	61
54,066	221,325	2,983,355	67,653	88,242	60,853	4,728	182,830	5,000	62
644,130	1,052,994	21,069,023	800,394	242,740	877,060	35,357	1,708,192	30,117	64
17,980	98,579	1,520,625	43,654	23,872	64,530	2,620	7,361	1,974	65
60,416	126,946	2,015,017	84,560	24,629	97,271	3,215	636,270	3,959	66
132,981	262,840	4,563,858	231,278	57,546	153,822	8,876	82,423	6,713	67
376,739	314,190	8,640,474	310,524	88,022	459,198	14,135	968,714	9,605	68
227,990	110,500	2,249,817	49,857	28,810	46,159	3,266	8,185	3,317	69
28,024	139,939	2,079,232	80,521	19,861	56,080	3,245	5,239	4,549	70
1,041,004	9,196,241	157,250,500	5,329,244	1,320,316	4,141,733	239,135	13,247,573	21,707	71
91,026	96,432	1,672,750	61,799	17,053	74,101	2,688	9,355	2,890	72
103,229	488,025	9,241,464	189,437	58,652	238,856	14,506	389,550	2,528	73
411,245	7,054,701	134,256,026	4,666,637	1,142,650	3,485,917	202,862	12,380,109	(4)	74
134,829	231,740	4,622,668	187,558	1,273	153,953	7,399	114,182	7,596	75
143,480	206,825	3,166,773	99,803	82,429	62,613	5,279	24,649	1,107	76
46,073	72,039	1,548,876	30,347	5,374	46,313	2,310	1,673	1,556	77
111,122	146,479	2,741,943	93,663	12,885	79,980	4,091	328,055	6,030	78
3,450	101,812	1,582,643	23,207	(4)	24,370	2,089	509,319	4,053	79
582,822	2,826,138	40,943,218	1,148,850	401,127	1,409,574	65,402	2,856,865	52,022	81
34,870	251,758	4,635,815	118,084	50,748	123,447	6,968	157,586	4,533	82
17,063	107,991	1,844,791	20,035	27,080	86,215	2,768	8,756	6,000	83
110,230	482,493	7,075,794	204,859	46,944	239,603	11,225	1,142,037	15,991	84
236,900	1,025,848	11,913,223	517,755	127,150	302,859	20,826	854,795	2,982	85
37,437	321,862	4,561,503	48,216	48,955	189,653	7,160	154,258	6,357	86
25,998	222,639	3,878,314	50,126	15,974	172,340	5,613	393,838	3,349	87
77,974	264,950	4,196,168	126,878	51,596	162,715	6,537	116,353	6,947	88
42,350	148,597	2,837,610	62,897	32,680	132,742	4,305	29,242	5,863	89

Table 2.—Personnel, attendance, and fiscal data for

GROUP I.—CITIES OF 100,000

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
90	OKLAHOMA.....	34	110	324	1,901	37,510	35,888	63,453	-----	11,250
91	Oklahoma City.....	18	71	150	1,136	20,310	19,305	34,792	27.1	6,263
92	Tulsa.....	16	39	174	765	17,200	16,583	28,661	30.5	4,987
93	OREGON.....									
94	Portland.....	15	66	311	1,480	<sup>6</sup> 26,777	<sup>6</sup> 26,778	43,431	24.2	8,035
95	PENNSYLVANIA.....	234	425	2,630	8,732	180,671	173,984	292,662	-----	55,369
96	Erie.....	16	22	109	463	<sup>6</sup> 7,921	<sup>6</sup> 7,923	13,815	24.2	2,625
97	Philadelphia.....	151	268	1,790	5,521	121,334	115,818	187,137	25.6	34,820
98	Pittsburgh.....	36	99	473	1,830	36,470	35,293	64,136	27.8	12,699
99	Reading.....	16	11	140	395	<sup>6</sup> 7,284	<sup>6</sup> 7,286	13,268	24.8	2,521
100	Seranton.....	15	25	118	523	<sup>6</sup> 7,662	<sup>6</sup> 7,664	14,306	22.3	2,704
101	RHODE ISLAND.....									
102	Providence.....	13	50	216	910	15,802	14,513	25,545	22.7	4,292
103	TENNESSEE.....	24	179	455	2,980	56,221	56,669	98,827	-----	17,733
104	Chattanooga.....	7	44	79	634	10,846	10,932	19,551	27.4	3,441
105	Knoxville.....	5	36	118	579	10,613	10,385	18,054	25.9	3,250
106	Memphis.....	4	53	116	1,028	22,427	22,996	39,177	34.2	7,051
107	Nashville.....	<sup>8</sup> 8	<sup>8</sup> 46	142	739	12,335	12,356	22,045	25.0	3,991
108	TEXAS.....	38	303	816	5,839	113,893	111,712	183,826	-----	32,573
109	Dallas.....	11	64	256	1,522	28,885	27,921	46,380	26.1	8,070
110	Fort Worth.....	10	81	177	1,056	19,131	18,875	31,333	25.4	5,546
111	Houston.....	17	103	249	2,178	43,899	44,136	70,242	28.9	12,644
112	San Antonio.....	0	55	134	1,083	21,978	20,780	35,871	29.5	6,313
113	UTAH.....									
114	Salt Lake City.....	9	41	166	782	16,287	15,800	28,442	30.0	5,006
115	VIRGINIA.....	33	88	230	1,808	28,363	27,713	47,441	-----	8,540
116	Norfolk.....	17	43	81	800	12,238	11,911	20,308	23.1	3,656
117	Richmond.....	16	45	149	1,008	16,125	15,802	27,133	23.5	4,884
118	WASHINGTON.....	64	175	691	2,681	54,484	52,376	88,414	-----	15,925
119	Seattle.....	44	88	392	1,550	32,169	30,568	51,262	26.4	9,238
120	Spokane.....	8	47	162	576	11,414	11,293	19,334	26.2	3,480
121	Tacoma.....	12	40	137	555	10,901	10,515	17,818	25.7	3,207
122	WISCONSIN.....									
123	Milwaukee.....	14	95	619	1,685	37,829	37,219	64,037	27.8	11,847

See footnotes at end of table.





Table 2.—Personnel, attendance, and fiscal data for

GROUP II.—CITIES OF 30,000

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
1	Continental United States.....	1,342	3,335	15,102	59,361	1,037,620	1,001,825	1,774,352	23.8	321,772
2	ALABAMA.....									
3	Gadsden.....	3	11	23	223	4,521	4,494	7,875	32.0	1,386
4	ARIZONA.....	16	57	317	933	20,783	19,896	31,612		5,474
	Phoenix:									
5	Elementary District.....	9	19	49	372	6,811	7,115	10,610	25.2	1,804
6	High-School District.....	2	10	142	128	5,345	4,670	7,680	28.4	1,352
7	Tucson.....	5	28	126	433	8,627	8,111	13,322	23.8	2,318
8	ARKANSAS.....	8	36	88	637	11,271	11,194	19,076		3,350
9	Fort Smith.....	2	9	27	204	3,984	3,865	6,589	28.5	1,150
10	Little Rock.....	6	27	61	433	7,287	7,329	12,487	25.3	2,200
11	CALIFORNIA.....	98	365	1,792	5,301	109,579	102,555	181,850		32,423
12	Alameda.....	5	14	90	197	4,511	4,623	8,765	30.5	1,534
13	Alhambra.....	9	10	90	253	5,054	5,033	9,336	27.2	1,634
14	Berkeley.....	8	21	80	333	5,872	5,642	10,303	24.9	1,803
15	Burbank.....	10	25	72	322	5,741	5,709	10,341	26.2	1,841
16	Fresno.....	8	27	165	501	9,826	9,827	17,015	25.5	2,961
17	Glendale.....	6	25	172	390	9,072	7,790	14,332	25.5	2,508
	Inglewood:									
18	Elementary District.....	0	8	15	136	2,187	2,115	4,012	26.6	711
19	High-School District.....	5	2	72	81	1,991	1,995	3,965	25.9	667
20	Montebello.....	8	29	74	270	5,510	5,186	8,075	23.5	1,443
21	Pasadena.....	17	50	212	604	16,455	14,042	22,755	27.9	3,982
22	Riverside.....	0	25	95	249	5,302	4,595	8,381	24.4	1,467
23	San Bernardino.....	5	29	124	422	5,559	5,560	12,500	22.9	2,647
24	San Jose.....	5	22	170	451	7,712	7,751	14,320	23.1	2,544
25	Santa Ana.....	2	18	72	203	4,505	4,285	7,633	27.8	1,331
26	Santa Barbara.....	8	18	72	177	3,086	2,877	5,648	22.7	1,068
27	Santa Monica.....	2	12	107	253	5,299	4,391	7,668	21.3	1,342
28	Stockton.....	0	30	110	459	9,897	9,134	16,801	29.5	2,940
29	COLORADO.....	8	35	122	573	10,021	9,953	17,216		3,095
30	Colorado Springs.....	0	17	67	232	3,688	3,728	6,934	23.2	1,248
31	Pueblo.....	8	18	55	341	6,333	6,225	10,282	26.0	1,847
32	CONNECTICUT.....	28	116	440	2,079	33,995	32,101	58,667		10,609
33	Bristol.....	0	10	30	183	2,525	2,518	4,515	21.2	813
34	Meriden.....	5	12	35	139	2,246	2,185	3,968	22.8	714
35	New Britain.....	0	16	83	233	4,896	4,703	8,797	27.8	1,592
36	New London.....	3	6	10	108	1,476	1,410	2,592	22.0	404
37	Norwalk.....	4	8	45	216	3,419	3,362	5,978	22.9	1,076
38	Norwich <sup>10</sup> .....	2	3	2	123	1,815	1,664	2,952	23.6	528
39	Stamford.....	5	14	81	332	5,211	5,050	8,876	21.5	1,624
40	Waterbury.....	4	24	90	436	6,924	5,914	11,382	21.6	2,054
41	West Hartford.....	1	12	44	150	2,846	2,879	4,930	25.4	902
42	West Haven.....	4	11	20	159	2,637	2,416	4,677	26.1	842
43	GEORGIA.....									
44	Columbus.....	7	21	41	299	5,749	5,719	9,317	27.4	1,638
45	ILLINOIS.....	94	249	1,152	4,485	76,168	73,814	128,041		23,829
46	Alton.....	2	15	44	195	3,395	3,480	6,302	26.4	1,178
	Aurora:									
47	East Side.....	1	8	35	122	2,320	2,263	3,831	24.4	730
48	West Side.....	0	6	25	90	1,478	1,394	2,357	20.5	443

See footnotes at end of table.



## public-school systems, by State and by city, 1947-48—Continued

TO 99,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
\$5,530,291	\$14,586,035	\$227,670,372	\$5,290,925	\$2,403,542	\$12,378,897	\$360,297	\$34,220,528	\$287,555	1
8,177	39,536	523,087	(*)	(*)	11,170	716	24,787	(*)	2
77,589	276,597	4,728,142	133,030	4,856	332,558	6,880	1,070,248	8,154	3
44,268	99,872	1,668,524	21,846	(*)	67,313	2,300	209,567	1,762	5
11,136	63,167	1,248,955	74,116		158,297	2,018	652,078	4,195	6
22,185	113,558	1,810,663	37,068	4,856	106,948	2,562	208,603	2,197	7
30,631	111,528	1,540,017	56,635		57,066	2,507	137,261	4,045	8
6,950	29,550	497,743	21,325	(*)	33,433	723	58,952	1,324	9
23,681	81,978	1,042,274	35,310	(*)	23,633	1,784	78,309	2,721	10
445,880	2,021,912	27,494,058	1,048,970	125,846	2,656,166	46,020	11,383,930	44,700	11
20,000	70,000	1,054,730	(*)	(*)	99,707	1,691	51,731	580	12
29,500	54,950	1,333,767	87,122	9,983	49,750	2,082	536,894	2,501	13
40,000	105,000	1,827,500	(*)	(*)	270,394	3,594	187,495	720	14
50,840	134,627	1,431,340	82,077	13,107	109,516	2,326	2,879,287	4,934	15
27,835	151,494	2,200,236	68,510	33,838	129,456	3,537	209,677	6,748	16
36,000	150,000	2,584,447	(*)	(*)	287,512	3,950	1,353,272	4,917	17
0	42,750	507,225	26,488		23,759	771	643,801	965	18
31,360	12,920	553,340	51,946	6,340	34,500	985	40,838	2,073	19
21,750	131,943	1,085,915	55,442	15,824	88,989	1,876	1,311,128	5,086	20
96,140	242,513	4,055,442	398,461	(*)	257,928	7,262	803,770	2,797	21
0	125,000	1,238,136	(*)	(*)	160,632	2,069	380,452	2,309	22
9 21,112	9 127,470	9 1,600,919	84,082	15,154	119,327	2,605	113,095	2,500	23
24,760	194,774	2,074,983	90,699	14,224	301,712	3,450	326,317	145	24
9 15,235	9 137,095	9 963,967	66,053	11,273	110,320	1,917	123,391	1,597	25
19,348	89,376	922,502	38,090	6,103	28,394	1,503	85,436	498	26
12,000	9 72,000	9 1,788,028	(*)	(*)	250,251	2,891	540,235	4,310	27
0	9 180,000	9 2,271,581	(*)	(*)	334,019	3,511	1,797,111	2,020	28
23,999	131,944	1,763,350	67,611	41,310	91,385	2,982	279,369	3,031	29
0	9 68,000	9 819,940	33,447	27,296	48,670	1,430	43,754	1,680	30
23,999	63,944	943,410	34,164	14,014	42,715	1,552	235,615	1,351	31
125,291	503,420	8,720,709	164,309	124,756	309,229	12,831	148,853	5,847	32
0	41,950	628,610	22,161	9,221	36,823	988	5,055	(*)	33
19,004	45,149	577,917	12,185	10,080	36,230	920	5,890	324	34
0	63,400	1,353,937	24,806	15,531	75,462	1,997	61,989	1,247	35
11,765	24,055	332,606	9,058	2,144	8,962	470	7,140	14	36
17,117	25,393	791,538	13,606	8,642	38,380	1,157	11,313	1,577	37
8,930	13,746	333,424	(*)	5,448	12,396	472	(*)	135	38
28,894	80,777	1,664,441	37,529	18,897	34,598	2,404	14,304	1,204	39
17,581	105,576	1,845,126	20,252	14,487	51,301	2,629	10,223	235	40
5,100	51,274	651,631	14,236	19,534	12,415	950	27,829	584	41
16,900	52,100	541,479	10,436	20,772	2,662	844	5,110	527	42
21,494	71,323	748,378	4,203	0	92,338	1,236	18,636	(*)	43
354,112	1,025,863	16,988,204	260,134	153,512	995,513	27,965	1,414,856	18,459	45
14,844	48,880	548,757	18,439	11,257	41,197	1,009	13,072	1,305	46
3,881	32,820	501,999	9,426	2,661	27,262	816	32,259	365	47
0	29,132	336,179	9,064	0	24,286	531	10,936	(*)	48

Table 2.—Personnel, attendance, and fiscal data for

GROUP II.—CITIES OF 30,000

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
49	Berwyn: Elementary Dist. No. 98.	0	3	1	65	822	824	1,354	20.5	263
50	Elementary Dist. No. 100.	0	4	5	77	6 1,227	6 1,228	2,012	24.5	384
51	Bloomington	4	12	25	148	2,246	2,274	3,816	22.1	681
	Cicero:									
52	Elementary District	6	12	9	191	2,814	2,608	4,948	24.7	989
53	High-School District	0	1	102	93	6 2,237	6 2,239	3,170	16.3	599
54	Danville	6	14	34	211	3,300	3,165	5,617	22.9	1,067
55	Decatur	7	21	74	291	5,563	5,426	9,515	26.1	1,770
56	East St. Louis	14	19	78	345	6,808	6,771	11,564	27.3	2,116
57	Elgin	5	2	44	175	6 2,819	6 2,819	4,804	21.9	889
	Evanston:									
58	Elementary Dist. No. 75.	12	11	11	167	6 1,952	6 1,952	3,567	20.0	678
59	Elementary Dist. No. 76.	1	4	6	84	1,104	1,037	1,691	18.8	323
60	High-School Dist. No. 202.	0	3	77	57	1,346	1,170	2,302	17.2	414
	Joliet:									
61	Elementary Dist. No. 86 <sup>12</sup> .	3	13	12	191	2,995	2,715	4,992	24.6	938
62	High-School District <sup>13</sup>	10	40	74	69	1,784	1,416	3,020	21.1	562
	Maywood-Melrose Park:									
63	Elementary District	3	8	10	99	1,671	1,562	2,693	24.7	523
64	High-School District	0	1	70	67	1,990	1,702	3,247	23.7	581
65	Moline	3	13	50	251	2,888	2,886	4,978	16.5	931
	Oak Park:									
66	Elementary District	1	9	12	199	6 2,229	6 2,230	3,667	17.4	686
67	High-School District	8	0	60	61	1,486	1,432	2,631	21.7	479
68	Quincy	0	14	35	161	6 2,580	6 2,581	4,318	22.0	829
69	Rockford	4	14	99	379	6 3,320	6 3,248	10,399	21.8	1,835
70	Rock Island	1	12	42	191	3,628	3,404	6,020	25.8	1,114
71	Springfield <sup>16</sup>	0	18	64	326	5,939	5,931	9,922	25.4	1,806
	Waukegan:									
72	Elementary District	2	10	11	130	1,985	1,871	3,311	23.5	652
73	High-School District <sup>16</sup>	1	2	43	50	1,242	1,186	1,993	21.4	369
74	INDIANA	57	130	788	2,123	44,648	43,443	73,758	-----	13,053
75	Anderson	6	6	90	178	4,124	4,037	6,646	24.8	1,163
76	East Chicago	9	10	75	208	3,795	3,731	6,406	22.6	1,139
77	Elkhart	5	13	59	142	3,041	2,985	5,249	26.1	755
78	Evansville	16	29	171	396	8,908	8,720	15,092	26.6	2,726
79	Harmmond	3	18	120	372	7,346	6,882	11,837	24.1	2,154
80	Kokomo	4	14	72	166	3,526	3,366	5,698	23.9	1,025
81	Muncie	6	18	86	228	5,523	5,438	9,446	30.1	1,641
82	Richmond	5	11	49	168	3,475	3,459	5,771	26.6	1,057
83	Terre Haute	3	11	66	265	4,910	4,825	7,613	23.0	1,393
	IOWA	59	98	353	1,885	30,323	29,681	52,292	-----	9,586
84	Cedar Rapids	10	19	53	335	5,058	4,955	8,309	21.4	1,571
86	Council Bluffs	1	16	37	234	4,095	4,121	7,053	26.0	1,277
87	Davenport	14	12	71	277	4,445	4,462	8,519	24.5	1,542
88	Dubuque	6	12	31	140	1,978	1,749	3,140	18.4	584
89	Ottumwa	6	15	32	193	3,359	3,369	5,767	25.6	1,055
90	Sioux City	9	20	70	432	6,465	6,354	11,199	22.3	2,050
91	Waterloo	13	4	59	274	4,923	4,671	8,305	24.9	1,507
	KANSAS	11	41	114	417	8,926	8,775	15,611	-----	2,741
92	Hutchinson	3	13	45	166	3,559	3,235	5,930	28.1	1,056
94	Topeka	8	28	69	251	5,367	5,540	9,681	30.3	1,685

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 99,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
0	° 12,000	° 154,660	( <sup>4</sup> )	( <sup>4</sup> )	9,450	251	1,748	407	49
0	15,000	230,896	( <sup>4</sup> )	4,551	5,270	324	5,164	453	50
20,273	41,145	482,308	11,942	138	31,093	752	83,612	789	51
19,850	49,450	540,718	0	37,305	5,199	964	106,730	707	52
0	5,900	856,227	0	10,419	26,036	1,305	13,454	( <sup>4</sup> )	53
21,066	47,448	623,678	0	1,866	14,623	1,009	25,854	275	54
34,118	88,529	1,178,569	17,728	2,641	88,236	1,881	74,792	577	55
42,807	83,869	1,283,889	16,251	438	48,306	2,393	167,669	11,506	56
° 20,000	° 8,000	° 586,501	( <sup>4</sup> )	147	89,617	918	28,714	564	57
43,679	48,141	579,220	7,553	2,237	23,726	1,024	61,428	57	58
4,075	12,859	269,436	1,247	2,186	25,283	448	8,906	290	59
0	16,500	579,638	26,840	0	46,750	920	23,250	2,080	60
11,957	51,646	609,553	0	8,338	9,869	945	9,778	1,096	61
° 50,000	0	485,993	4,672	45	53,013	920	21,297	160	62
° 12,000	33,031	260,201	12,931	10,234	435	479	23,887	667	63
0	6,500	524,314	21,795	0	35,495	932	66,896	1,505	64
12,083	51,145	665,483	14,421	0	39,732	1,037	31,399	579	65
° 5,000 ( <sup>14</sup> )	° 45,000	682,755	0	8,431	12,336	1,025	39,607	296	66
0	0	614,726	( <sup>15</sup> )	0	37,894	1,017	244,253	0	67
0	56,000	591,271	0	7,121	34,345	885	25,965	730	68
18,999	82,186	1,551,289	49,018	17,168	62,433	2,446	122,801	1,531	69
4,580	46,028	694,180	16,317	10,552	31,946	1,153	91,665	643	70
0	63,254	864,771	13,829	10,366	111,217	1,416	28,321	637	71
8,400	43,400	444,363	0	0	25,167	689	22,318	948	72
6,500	8,000	246,630	8,670	5,411	35,297	476	26,081	292	73
237,659	670,240	10,444,858	215,506	51,287	299,689	15,385	927,446	7,004	74
27,750	29,087	921,101	19,061	22,204	22,321	1,292	42,998	28	75
36,421	59,180	1,149,963	33,972	0	29,755	1,717	35,031	801	76
20,873	48,194	696,842	17,797	0	28,148	1,026	70,019	20	77
59,961	173,470	2,239,764	54,875	0	62,470	3,229	216,916	2,782	78
15,221	97,657	1,789,495	35,405	0	52,539	2,580	371,061	1,656	79
18,749	61,102	671,906	7,843	0	17,321	991	85,160	749	80
23,812	91,079	1,070,091	18,908	3,658	40,643	1,609	51,182	470	81
19,398	57,078	687,187	8,642	0	27,640	1,047	13,743	273	82
15,474	53,393	1,218,509	19,003	25,425	18,852	1,894	41,336	225	83
195,790	363,599	5,948,599	118,206	51,574	318,627	9,304	670,477	4,466	84
28,180	74,655	1,055,304	23,688	11,525	39,727	1,710	96,182	930	85
4,298	62,522	668,619	14,138	12,238	54,366	996	37,635	53	86
39,053	47,222	998,199	38,457	0	62,865	1,651	77,435	870	87
21,290	30,701	447,441	8,618	0	23,918	802	40,583	120	88
18,695	48,242	540,688	9,288	8,603	23,494	857	38,453	1,345	89
32,244	84,257	1,443,195	24,017	19,208	51,269	2,063	121,324	852	90
° 62,000	° 16,000	795,153	0	0	62,988	1,225	258,865	266	91
42,842	159,430	1,487,206	33,689	-----	74,204	2,314	223,871	1,182	92
11,483	53,845	618,035	12,623	0	35,537	917	10,180	920	93
31,359	105,585	869,171	21,066	0	38,667	1,397	213,691	262	94

Table 2.—Personnel, attendance, and fiscal data for

GROUP II.—CITIES OF 30,000

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
95	KENTUCKY.....	16	58	128	862	13,008	12,938	22,317	-----	4,064
96	Covington.....	7	15	53	224	3,496	3,379	6,011	21.7	1,161
97	Lexington.....	2	16	21	233	3,348	3,564	5,883	23.2	1,059
98	Newport.....	4	12	8	122	1,767	1,601	2,720	20.9	525
99	Owensboro.....	3	6	15	133	2,012	2,052	3,376	22.8	557
100	Paducah.....	0	9	31	150	2,385	2,342	4,327	23.9	762
101	MAINE.....	17	13	90	452	7,507	7,272	12,931	-----	2,364
102	Lewiston.....	3	4	21	102	1,506	1,595	2,805	22.8	503
103	Portland.....	14	9	69	350	6,001	5,677	10,126	24.2	1,861
104	MASSACHUSETTS.....	158	257	1,282	4,446	72,919	69,219	126,981	-----	22,672
105	Arlington.....	4	10	56	170	3,416	2,995	5,715	25.3	1,004
106	Brockton.....	8	13	43	255	4,137	3,959	7,486	25.1	1,318
107	Brookline.....	8	9	55	222	3,188	3,050	5,525	19.9	1,011
108	Chelsea.....	11	6	63	156	2,752	2,654	4,668	21.3	834
109	Chicopee.....	4	11	30	150	2,615	2,293	4,303	23.9	782
110	Everett.....	8	9	65	225	3,290	3,375	6,020	20.8	1,077
111	Fitchburg.....	6	12	44	105	1,916	1,908	3,437	23.1	616
112	Haverhill.....	4	1	53	163	2,465	2,679	4,702	21.8	813
113	Holyoke.....	0	12	36	162	2,490	2,483	4,460	22.5	805
114	Lawrence.....	12	22	67	263	3,568	3,500	6,382	19.3	1,147
115	Lynn.....	8	16	107	343	5,936	5,277	10,006	22.2	1,762
116	Malden.....	10	14	62	224	3,705	3,562	6,555	22.9	1,166
117	Medford.....	8	16	94	261	4,727	4,509	8,304	23.4	1,464
118	Newton.....	11	20	123	358	6,243	5,561	10,243	21.3	1,826
119	Pittsfield.....	19	17	54	215	3,918	3,730	6,798	25.3	1,225
120	Quincy.....	5	17	80	349	5,961	5,629	10,387	24.2	1,893
121	Revere.....	12	7	59	171	2,886	2,621	4,809	20.9	860
122	Salem.....	2	7	55	150	2,103	1,905	3,533	17.2	627
123	Taunton.....	7	22	32	163	2,344	2,375	4,274	21.9	759
124	Waltham.....	6	9	60	167	2,583	2,691	4,761	21.0	862
125	Watertown.....	5	7	44	174	2,676	2,463	4,613	21.2	821
126	MICHIGAN.....	84	238	1,005	3,680	67,297	65,144	117,377	-----	22,472
127	Battle Creek.....	9	19	67	239	4,277	4,399	7,267	23.7	1,259
128	Bay City.....	19	19	73	223	4,814	4,091	7,798	23.9	1,560
129	Dearborn.....	8	24	149	483	7,795	7,797	14,486	22.9	2,897
130	Hamtramck.....	3	6	38	132	2,031	2,033	3,795	22.3	759
131	Highland Park.....	1	9	93	241	5,036	4,076	6,997	20.9	1,326
132	Jackson.....	5	18	84	238	4,926	4,527	8,128	25.2	1,627
133	Kalamazoo.....	10	12	66	283	5,288	5,062	8,662	24.8	1,603
134	Lansing.....	12	31	112	436	7,426	7,407	13,128	24.0	2,363
135	Muskegon.....	4	17	63	265	4,652	4,803	8,150	24.8	1,512
136	Pontiac.....	0	30	77	352	6,577	6,739	12,637	29.5	2,528
137	Port Huron.....	6	15	44	211	3,429	3,546	6,454	25.3	1,213
138	Saginaw.....	7	28	91	427	8,426	8,242	15,077	29.1	2,865
139	Wyandotte.....	0	10	48	150	2,620	2,622	4,798	24.2	960
140	MISSISSIPPI.....	7	37	94	483	9,476	9,631	15,945	-----	2,838
141	Jackson.....	6	18	42	258	5,255	5,588	9,039	30.1	1,627
142	Meridian.....	1	19	52	225	4,221	4,043	6,906	24.9	1,211
143	MISSOURI.....	22	46	198	1,010	18,594	17,239	32,724	-----	5,755
144	Joplin.....	3	13	53	187	3,993	3,410	6,350	26.5	1,143
145	St. Joseph.....	8	20	55	337	6,821	6,136	12,777	32.6	2,141
146	Springfield.....	6	5	56	337	5,397	5,337	9,345	23.8	1,663
147	University City.....	5	8	34	149	2,383	2,356	4,252	23.2	808

See footnotes at end of table.



## public-school systems, by State and by city, 1947-48—Continued

to 99,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
57,013	213,639	2,485,557	25,948	-----	91,476	3,719	130,936	2,139	95
<sup>9</sup> 25,200	<sup>9</sup> 54,084	780,009	5,479	0	27,953	1,088	7,728	1,260	96
7,813	58,423	640,014	6,372	0	34,211	942	96,110	0	97
9,000	37,583	315,379	2,920	0	14,137	511	15,205	399	98
15,000	36,584	353,426	5,889	0	9,115	556	7,051	352	99
0	26,965	396,729	5,288	0	6,060	€22	4,842	128	100
52,160	52,962	1,200,180	26,768	22,438	45,938	1,810	87,516	1,515	101
10,293	15,040	294,258	9,213	4,485	22,948	449	27,267	295	102
41,867	37,922	905,922	17,555	17,953	22,990	1,361	60,249	1,220	103
688,461	1,058,681	17,285,737	293,935	298,224	695,414	26,805	1,746,405	4,019	104
16,340	43,220	728,947	13,685	10,423	33,582	1,082	28,560	( <sup>17</sup> )	105
29,800	46,225	880,878	26,354	37,391	6,352	1,323	9,048	( <sup>17</sup> )	106
62,620	54,882	1,094,888	24,276	8,067	66,854	1,668	47,804	( <sup>17</sup> )	107
<sup>9</sup> 44,000	<sup>9</sup> 24,000	612,039	0	20,913	22,947	892	864,127	( <sup>17</sup> )	108
14,642	40,402	492,098	8,841	25,595	( <sup>4</sup> )	769	51,572	( <sup>17</sup> )	109
60,367	60,798	870,421	8,171	9,404	40,678	1,375	0	80	110
24,533	50,199	464,791	9,612	6,373	25,330	836	8,542	300	111
17,934	5,242	557,878	0	14,190	16,469	751	0	( <sup>17</sup> )	112
0	48,000	596,707	10,000	12,301	28,770	939	35,546	( <sup>17</sup> )	113
<sup>9</sup> 48,000	<sup>9</sup> 88,000	<sup>9</sup> 940,719	<sup>9</sup> 10,000	7,433	13,048	1,476	107	( <sup>17</sup> )	114
39,064	61,388	1,430,360	27,643	21,538	55,143	2,248	3,358	2,000	115
40,000	<sup>9</sup> 56,000	893,001	0	11,328	40,349	1,258	147	481	116
53,097	74,918	1,193,904	23,984	12,808	45,515	1,764	2,547	( <sup>17</sup> )	117
48,127	99,501	1,631,524	55,509	24,002	77,894	2,607	329,927	793	118
<sup>9</sup> 66,500	<sup>9</sup> 59,500	<sup>9</sup> 729,461	<sup>9</sup> 12,000	14,975	41,271	1,276	51,621	( <sup>17</sup> )	119
19,760	72,989	1,282,751	19,098	22,958	61,554	1,947	241,664	365	120
<sup>9</sup> 42,000	<sup>9</sup> 24,500	<sup>9</sup> 641,580	<sup>9</sup> 10,000	6,381	19,035	1,100	( <sup>4</sup> )	( <sup>17</sup> )	121
8,732	26,817	546,262	6,863	8,765	24,356	841	0	( <sup>17</sup> )	122
19,370	61,800	450,212	5,900	7,190	14,650	741	0	( <sup>17</sup> )	123
16,075	35,800	566,793	16,999	10,124	20,782	936	66,057	( <sup>17</sup> )	124
<sup>9</sup> 17,500	<sup>9</sup> 24,500	680,523	5,000	6,065	40,835	976	5,781	( <sup>17</sup> )	125
304,150	1,089,911	15,525,745	362,014	158,779	1,259,930	25,961	872,120	9,822	126
27,403	61,633	861,875	30,721	17,271	59,795	1,574	28,132	182	127
19,278	165,817	712,456	10,486	13,296	15,410	1,182	48,345	151	128
41,256	126,984	2,375,817	( <sup>4</sup> )	( <sup>4</sup> )	519,476	4,255	254,008	3,621	129
12,763	31,415	662,558	( <sup>4</sup> )	13,226	72,436	1,266	9,020	1,562	130
5,344	52,416	1,324,366	68,750	16,123	107,171	2,161	122,598	1,944	131
39,650	68,224	1,086,981	32,234	346	82,208	1,754	115,707	( <sup>4</sup> )	132
42,408	56,995	1,360,787	49,911	( <sup>4</sup> )	64,735	2,307	93,606	396	133
43,837	127,361	1,607,810	56,656	15,723	63,927	2,578	28,013	( <sup>4</sup> )	134
13,838	59,844	959,394	22,739	7,402	54,774	1,578	5,719	420	135
0	124,662	1,478,444	37,104	19,357	45,516	2,242	28,405	1,096	136
23,736	53,957	749,433	23,033	3,902	39,818	1,224	49,496	( <sup>4</sup> )	137
34,637	107,036	1,595,022	30,380	45,760	73,080	2,592	57,048	( <sup>4</sup> )	138
0	53,567	750,802	0	6,373	61,584	1,248	32,023	450	139
26,180	111,899	1,190,696	37,903	-----	163,354	1,974	29,026	519	140
23,792	60,166	661,865	23,856	( <sup>4</sup> ) 0	26,358	1,004	29,026	( <sup>4</sup> )	141
2,388	51,733	528,831	14,047	( <sup>4</sup> ) 0	136,996	970	( <sup>4</sup> ) 0	519	142
72,603	174,632	3,195,539	53,713	77,988	172,798	5,014	296,118	5,446	143
9,294	47,955	641,180	10,525	16,648	23,518	1,004	21,868	92	144
19,222	67,541	937,766	12,726	9,027	76,765	1,531	85,173	2,058	145
28,200	22,036	1,058,252	19,903	39,474	22,881	1,545	63,322	1,495	146
15,887	37,100	558,341	10,559	12,839	49,634	934	125,755	1,801	147



Table 2.—Personnel, attendance, and fiscal data for

GROUP II.—CITIES OF 30,000

	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS									
	City	Superintendents	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
				Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10	
148	MONTANA									
149	Butte	0	20	24	186	2,594	2,433	4,476	21.3	842
150	NEBRASKA									
151	Lincoln	8	25	56	396	6,635	6,453	11,433	25.3	2,047
152	NEW HAMPSHIRE	3	4	90	349	5,209	4,938	9,100		1,637
153	Manchester	2	0	60	220	3,391	3,314	5,925	21.2	1,066
154	Nashua	1	4	36	129	1,818	1,624	3,175	19.2	571
155	NEW JERSEY	116	192	940	3,925	57,923	55,547	96,553		17,997
156	Atlantic City	10	16	80	260	4,254	4,048	6,849	20.1	1,350
157	Bayonne	16	12	84	377	4,432	4,284	7,378	16.0	1,373
158	Bloomfield	5	12	56	197	3,243	3,056	5,475	21.6	1,013
159	Clifton	9	13	36	244	4,187	3,835	6,734	24.1	1,219
160	East Orange	5	11	86	234	3,847	3,840	6,606	20.6	1,229
161	Hoboken	8	8	38	226	3,014	2,753	4,809	18.2	890
162	Irvington	2	11	67	220	3,770	3,598	6,284	21.9	1,194
163	Kearny	4	9	32	172	2,491	2,142	4,006	19.6	738
164	Montclair	7	14	66	204	3,099	2,904	5,164	19.1	1,035
165	New Brunswick	4	8	31	156	2,412	2,313	4,141	22.1	754
166	North Bergen	6	7	13	161	2,342	2,237	3,850	22.1	712
167	Orange	4	9	30	156	2,394	2,388	4,234	22.8	757
168	Passaic	11	14	48	282	3,776	3,766	6,271	19.0	1,149
169	Perth Amboy	8	11	44	182	2,556	2,567	4,448	19.7	814
170	Plainfield	2	7	51	206	3,014	3,019	5,218	20.3	962
171	South Orange-Maplewood	5	15	58	201	2,915	2,838	5,085	19.6	941
172	Union City	8	8	76	241	3,580	3,518	5,826	18.4	1,078
173	West New York	2	7	44	206	2,597	2,441	4,175	16.7	771
174	NEW MEXICO									
175	Albuquerque	8	18	62	303	6,220	6,077	10,070	27.6	1,813
176	NEW YORK	138	209	890	3,968	61,373	58,543	102,418		18,689
177	Amsterdam	8	11	38	183	2,244	2,075	3,737	16.9	682
178	Auburn	6	8	33	161	2,441	2,301	4,099	21.1	753
179	Binghamton	16	19	95	449	6,908	7,585	11,676	21.5	2,050
180	Elmira	10	13	51	236	3,834	3,784	6,618	23.1	1,228
181	Jamestown	19	13	45	249	3,509	3,391	6,121	20.8	1,124
182	Mount Vernon	4	15	87	353	5,526	5,239	9,094	20.7	1,675
183	Newburgh	4	10	45	153	2,560	2,353	4,282	21.6	797
184	New Rochelle	4	16	75	257	3,955	3,820	6,801	20.5	1,209
185	Niagara Falls	18	27	116	479	7,790	7,355	13,153	22.1	2,415
186	Poughkeepsie	16	12	46	185	2,811	2,704	4,762	20.6	877
187	Rome	3	11	22	171	2,939	2,536	4,633	24.0	861
188	Schenectady	5	21	95	451	6,646	6,080	11,062	20.3	2,047
	Troy:									
189	Lansingburg District	4	5	9	61	931	909	1,594	22.8	288
190	Union District	7	11	39	179	2,920	2,523	4,355	20.0	796
191	Watertown	8	9	27	184	2,884	2,739	4,682	22.2	845
192	White Plains	6	8	67	217	3,475	3,149	5,749	20.2	1,042
193	NORTH CAROLINA	1	105	232	1,673	29,718	29,582	53,035		9,633
194	Asheville	0	15	28	208	3,628	3,602	6,482	27.5	1,167
195	Durham	1	21	47	298	5,173	5,180	8,925	25.9	1,607
196	Greensboro	0	19	44	351	5,874	5,765	10,663	27.0	1,919
197	High Point	0	13	27	205	4,083	3,930	6,950	30.0	1,251
198	Raleigh	0	17	25	250	4,105	4,179	7,455	27.1	1,428
199	Winston-Salem	0	20	61	361	6,855	6,926	12,560	29.8	2,261

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 99,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks			15	16	17	18
0	81,812	695,199	0	8,150	19,600	1,030	158,471	433	148
31,242	98,904	1,149,452	31,851	33,163	55,755	1,941	49,302	2,416	150
11,200	16,000	1,396,384	0	24,567	14,701	1,918	0	251	152
7,200	0	939,500	0	9,000	12,000	1,187	0	80	153
* 4,000	* 16,000	456,884	0	15,567	2,701	731	0	171	154
527,545	978,803	16,136,370	525,531	221,256	631,995	25,885	1,112,791	23,289	155
50,100	65,902	1,057,450	40,905	17,052	60,896	1,773	(4)	(4)	156
74,116	76,754	1,586,666	43,201	17,438	69,268	2,648	184,376	2,567	157
24,215	64,202	935,243	42,542	11,785	57,816	1,473	2,979	1,407	158
43,582	64,450	909,277	13,381	13,914	40,353	1,417	296,897	2,453	159
22,900	67,913	1,217,180	37,955	19,035	4,696	1,769	11,378	2,066	160
41,669	39,439	825,556	30,905	13,496	24,876	1,328	1,987	458	161
11,159	55,918	971,227	36,280	11,813	39,622	1,538	34,613	2,954	162
17,153	42,900	682,148	6,864	9,793	25,398	1,070	75,216	1,160	163
26,100	67,700	1,060,503	52,243	17,415	35,806	1,705	104,769	1,160	164
26,572	39,189	551,046	16,735	10,350	2,047	846	5,665	673	165
22,056	34,400	481,368	26,150	8,517	14,113	1,022	1,085	0	166
17,900	47,194	547,125	18,016	8,092	19,019	887	1,437	878	167
49,442	65,546	1,063,364	32,364	11,668	650	1,695	22,146	1,915	168
24,650	45,939	737,193	19,934	10,708	35,062	1,141	25,579	1,065	169
9,200	39,600	801,316	31,682	9,091	55,271	1,261	43,369	784	170
23,983	84,585	989,788	15,496	10,792	65,752	1,556	9,829	2,231	171
35,238	42,232	963,232	32,894	12,266	32,814	1,510	291,466	1,018	172
7,510	34,940	756,688	27,984	8,031	48,536	1,246	(4)	1,060	173
34,689	84,454	1,115,849	22,448	0	30,480	1,600	666,930	2,565	174
610,130	1,011,991	15,988,215	387,182	163,956	841,038	26,500	659,186	21,263	176
31,087	42,351	622,925	9,608	5,413	22,238	1,104	18,316	1,183	177
* 35,000	* 45,018	551,157	10,889	4,163	20,737	899	33,495	945	178
56,000	103,387	1,685,900	45,606	10,493	47,280	2,638	20,954	1,602	179
47,121	50,800	878,410	9,785	5,965	49,316	1,338	18,956	367	180
73,081	52,460	864,965	20,478	11,454	70,966	1,584	47,168	271	181
23,779	88,014	1,739,518	47,142	25,295	98,090	2,805	30,900	1,350	182
13,750	40,861	600,787	7,094	15,067	34,641	1,009	22,576	1,114	183
21,813	93,216	1,390,184	49,434	16,596	80,553	2,332	48,469	2,909	184
72,792	130,513	2,086,724	38,481	25,210	84,255	3,390	46,015	4,997	185
09,058	43,772	589,491	25,494	4,613	52,254	1,120	72,284	599	186
12,858	47,168	624,838	7,937	3,156	27,105	931	112,718	208	187
23,965	121,452	1,735,912	51,658	14,961	110,514	2,896	31,574	118	188
13,644	21,554	173,895	3,298	2,695	13,682	318	4,121	359	189
26,719	41,984	618,348	2,472	0	3,840	991	75,069	284	190
55,114	39,680	610,409	14,411	6,887	42,822	1,071	19,871	268	191
34,349	49,761	1,214,758	43,395	11,988	82,745	1,984	56,700	4,599	192
4,200	421,627	4,451,731	76,014	19,980	100,759	6,733	705,570	7,869	193
0	67,613	534,257	2,836	(18)	13,830	834	83,179	2,136	194
4,200	66,454	811,310	13,920	(18)	20,914	1,210	139,819	644	195
0	74,117	954,473	19,045	(18)	17,366	1,361	1,434,766	1,434	196
0	50,681	560,793	3,630	(18)	15,695	791	64,922	(4)	197
0	64,205	612,007	4,377	7,290	19,484	887	193,356	905	198
0	98,557	978,901	32,206	12,690	13,470	1,650	78,528	2,750	199

Table 2.—Personnel, attendance, and fiscal data for

GROUP II.—CITIES OF 30,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
NORTH DAKOTA									
200 Fargo	0	14	54	140	2,220	2,245	3,847	19.8	693
OHIO									
202 Cleveland Heights <sup>16</sup>	52	156	888	2,953	52,627	51,634	94,586	---	17,158
203 East Cleveland	5	15	72	222	4,311	4,393	7,517	25.6	1,368
204 Hamilton	0	10	37	153	2,549	2,472	4,502	23.9	801
205 Lakewood	4	5	64	207	4,074	3,922	7,109	26.2	1,287
206 Lima	8	17	68	241	3,470	3,426	6,399	20.7	1,152
207 Lorain	4	8	62	186	2,866	2,873	5,332	21.5	986
208 Mansfield	4	9	48	169	3,374	3,141	6,019	27.7	1,081
209 Marion	3	7	62	189	3,470	3,347	6,108	24.3	1,082
210 Middletown	3	8	37	160	2,983	2,826	5,281	26.8	950
211 Newark	5	8	46	167	2,708	2,724	5,108	24.0	935
212 Norwood	4	20	43	115	2,555	2,429	4,537	28.7	820
213 Portsmouth	0	5	42	101	1,765	1,788	3,208	22.4	600
214 Springfield	2	2	58	176	3,288	3,222	5,907	25.2	1,053
215 Steubenville	6	14	103	313	5,802	5,863	10,196	24.5	1,876
216 Warren	0	10	29	156	2,227	2,213	4,298	23.2	782
217 Zanesville	2	15	51	233	3,862	3,671	6,958	24.5	1,259
218	2	3	66	165	3,323	3,324	6,107	26.4	1,126
OKLAHOMA									
219 Muskogee	3	18	40	194	3,934	3,818	6,391	27.3	1,150
OREGON									
221 Salem	11	16	50	209	3,785	3,787	5,790	22.4	1,013
PENNSYLVANIA									
223 Allentown	99	193	1,516	4,091	71,772	69,704	129,793	---	24,067
224 Altoona	15	9	176	337	7,246	6,875	13,202	25.7	2,468
225 Bethlehem	5	5	86	326	5,362	5,356	9,844	23.9	1,772
226 Chester	7	10	107	223	4,803	4,360	8,994	27.3	1,664
227 Easton	6	9	34	356	4,402	4,456	7,913	20.3	1,495
228 Harrisburg	4	15	56	126	2,560	2,603	5,030	27.6	891
229 Hazleton	4	9	138	300	5,097	5,292	9,767	22.3	1,846
230 Johnstown <sup>16</sup>	7	6	68	158	2,748	2,635	4,794	21.2	902
231 Lancaster	8	17	71	297	4,800	4,820	8,663	23.5	1,683
232 Lower Merion (P. O. Ardmore)	7	5	85	223	4,083	4,074	7,297	23.7	1,357
233 McKeesport	0	14	96	187	2,925	2,773	5,092	18.0	921
234 New Castle	4	15	68	220	4,033	3,829	7,242	25.1	1,304
235 Norristown	5	11	55	238	* 3,888	* 3,889	6,925	23.6	1,247
236 Upper Darby	0	3	60	140	2,517	2,427	4,504	22.5	838
237 Wilkes-Barre	6	12	95	231	3,974	3,995	7,046	21.6	1,332
238 Williamsport	9	31	99	311	5,231	4,788	9,098	22.1	1,674
239 York	3	15	99	189	3,482	3,293	6,200	21.5	1,178
240	9	7	123	229	4,621	4,239	8,192	23.3	1,495
RHODE ISLAND									
241 Cranston	23	44	277	981	15,404	14,551	26,023	---	4,638
242 East Providence	2	9	50	224	3,843	3,684	7,109	25.9	1,196
243 Newport	5	10	49	154	2,608	2,482	4,491	22.1	823
244 Pawtucket	1	6	37	132	2,316	2,179	3,439	20.3	629
245 Woonsocket	12	17	119	326	4,566	4,301	7,502	16.9	1,350
246	3	2	22	145	2,071	1,905	3,482	20.9	640
SOUTH CAROLINA									
247 Charleston	21	57	195	1,222	29,718	20,497	36,076	---	6,488
248 Columbia	6	14	73	294	5,502	5,381	9,222	25.1	1,661
249 Greenville	3	16	68	448	7,312	7,614	13,897	26.9	2,501
250 Spartanburg	7	17	25	249	3,952	4,004	6,910	25.2	1,244
251	5	10	29	231	3,383	3,498	6,047	23.3	1,082

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

to 99,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
0	56,000	552,861	9,894	7,150	10,600	826	66,651	68	200
247,062	747,410	11,215,338	209,205	202,568	520,790	18,823	1,042,020	28,004	202
18,757	84,476	951,269	32,452	11,428	22,554	1,738	8,915	2,665	203
0	49,798	636,436	25,005	6,658	16,344	1,191	-----	808	204
20,177	28,359	852,166	10,415	16,677	39,249	1,289	121,516	4,571	205
35,368	56,640	1,010,802	40,268	14,640	72,573	2,103	53,370	2,382	206
16,316	36,000	700,341	12,677	19,037	26,646	1,100	12,261	2,870	207
13,090	38,509	629,687	11,853	8,939	44,855	1,026	45,855	7	208
17,876	48,276	711,239	9,093	17,468	30,475	1,119	510,698	2,464	209
13,563	35,042	513,922	7,473	13,121	18,727	1,872	31,630	2,154	210
29,484	34,886	575,792	5,436	6,893	19,728	1,015	1,823	276	211
* 18,000	* 80,000	* 397,435	* 10,000	14,945	72,756	737	(*)	562	212
0	31,600	517,443	3,953	3,355	13,867	889	18,638	1,368	213
7,231	8,830	600,790	4,677	8,477	21,812	863	14,710	662	214
38,561	101,851	1,118,793	2,510	24,141	16,103	1,640	26,791	3,915	215
0	33,605	532,907	7,296	4,627	24,253	1,882	7,097	338	216
7,837	63,435	834,953	15,789	11,445	45,191	1,336	174,735	2,841	217
10,802	16,103	631,393	10,218	20,717	35,657	1,032	13,981	121	218
14,790	48,281	516,334	* 10,000	(*)	11,400	796	4,930	597	219
36,705	66,123	748,463	17,787	13,807	45,873	1,266	347,998	387	222
391,867	642,531	16,315,158	255,816	331,168	903,734	26,068	1,299,324	31,543	223
62,064	31,975	1,567,146	19,547	30,988	74,026	2,432	77,632	5,623	224
18,020	16,840	1,094,381	13,813	14,343	29,562	1,691	87,425	1,402	225
27,920	46,296	958,102	12,309	25,828	54,754	1,586	327,916	1,689	226
28,450	46,950	1,098,075	12,420	51,000	49,780	1,681	22,050	1,930	227
18,887	30,428	636,691	10,660	20,374	34,898	1,052	27,847	452	228
18,337	36,100	1,272,570	19,240	5,341	61,572	1,989	10,522	718	229
22,866	27,588	646,510	9,159	9,340	32,851	1,074	21,809	505	230
23,017	42,154	840,797	6,205	18,939	25,823	1,297	52,375	2,738	231
29,224	22,800	876,593	7,626	11,297	31,531	1,389	28,855	1,830	232
0	69,863	987,062	23,689	10,171	70,030	1,623	144,978	2,048	233
11,510	60,276	821,075	7,088	18,897	57,243	1,329	67,650	1,005	234
12,969	40,160	775,784	20,886	22,627	40,215	1,265	150,368	1,076	235
0	14,350	635,991	6,456	9,611	24,317	1,006	2,952	500	236
30,185	48,290	1,057,479	28,315	15,199	54,703	1,590	166,250	4,204	237
49,235	28,133	1,260,601	13,197	32,765	56,724	2,002	36,241	393	238
8,489	51,528	797,573	12,676	17,787	55,111	1,290	28,841	2,270	239
30,694	28,800	988,728	32,530	16,661	150,594	1,772	45,613	3,160	240
91,494	183,680	3,643,304	58,651	63,320	113,272	5,328	26,451	5,878	241
6,506	38,435	838,658	10,826	12,340	32,706	1,163	6,567	1,462	242
19,275	39,222	550,270	7,377	12,588	27,854	862	0	688	243
6,700	24,900	483,595	15,355	8,050	13,729	716	19,884	491	244
46,516	70,506	1,254,474	21,085	10,691	35,687	1,831	0	2,732	245
12,497	10,617	516,307	4,008	19,651	19,326	756	0	577	246
73,726	223,172	3,236,821	51,002	18,145	76,880	4,531	841,181	4,000	247
17,929	61,114	920,971	19,350	0	26,865	1,325	196,511	1,365	248
9,800	63,000	1,129,000	24,000	9,000	5,000	1,503	559,500	1,921	249
34,425	55,900	579,213	7,652	9,145	38,687	908	50,043	411	250
11,572	43,158	607,637	0	-----	6,328	795	35,127	303	251



Table 2.—Personnel, attendance, and fiscal data for

GROUP II.—CITIES OF 30,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
252 SOUTH DAKOTA.....									
253 Sioux Falls.....	0	2	44	255	3,963	3,984	6,650	22.2	1,190
254 TEXAS.....	60	186	628	4,102	70,294	67,957	116,741	-----	20,478
255 Amarillo.....	6	18	47	332	5,726	5,591	9,680	25.5	1,704
256 Austin.....	11	20	72	514	8,447	7,998	13,187	22.5	2,313
Beaumont:									
257 Independent School District <sup>20</sup> .....	8	22	38	300	4,770	4,775	8,396	24.8	1,426
258 South Park Distiret.....	3	7	31	102	1,829	1,739	3,245	24.4	562
259 Corpus Christi.....	7	27	84	621	8,672	8,227	14,483	20.5	2,549
260 El Paso.....	6	22	93	590	11,667	10,968	18,880	27.6	3,380
261 Galveston.....	3	14	52	306	4,662	4,469	7,486	20.9	1,310
262 Laredo.....	6	1	21	199	3,926	3,977	7,291	33.1	1,251
263 Lubbock.....	2	15	44	261	4,813	4,710	8,046	26.4	1,408
264 Fort Arthur.....	2	9	55	303	5,601	5,401	9,029	25.2	1,599
265 Waco.....	4	18	52	342	5,711	5,955	9,652	24.5	1,680
266 Wichita Falls.....	2	13	39	232	4,470	4,147	7,366	27.2	1,296
267 UTAH.....									
268 Ogden.....	6	15	93	243	5,061	5,155	9,350	27.8	1,646
269 VIRGINIA.....	50	120	301	2,022	33,613	32,865	58,600	-----	10,651
270 Alexandria.....	0	11	19	221	3,564	3,379	6,268	26.1	1,128
271 Arlington County (P. O. Arlington). .....	6	31	24	325	5,775	5,717	10,626	30.4	1,987
272 Danville.....	4	11	41	194	3,096	2,862	5,186	22.1	933
273 Lynchburg.....	9	13	38	232	3,978	3,940	6,934	25.7	1,255
274 Newport News.....	9	11	52	195	3,697	3,781	6,411	26.0	1,154
275 Petersburg.....	7	12	39	170	2,851	2,768	4,978	23.8	901
276 Portsmouth.....	6	13	23	285	5,143	4,913	8,505	27.6	1,548
277 Roanoke.....	9	18	65	400	5,509	5,505	9,692	20.8	1,745
278 WASHINGTON.....									
279 Everett.....	5	12	82	224	5,472	4,643	7,043	23.0	1,268
280 WISCONSIN.....	45	121	607	2,037	34,869	34,344	62,787	-----	11,323
281 Eau Claire.....	4	8	57	126	2,688	2,706	5,113	27.9	905
282 Green Bay.....	4	13	56	202	3,179	3,267	5,934	23.0	1,044
283 Kenosha.....	3	14	60	216	3,682	3,531	6,886	24.9	1,246
284 La Crosse.....	5	13	53	171	3,160	3,033	5,400	24.1	1,042
285 Madison <sup>16</sup> .....	7	21	67	348	5,695	5,715	9,997	24.1	1,716
286 Oshkosh.....	5	8	60	189	2,841	2,788	5,332	21.4	970
287 Racine.....	4	14	74	273	4,948	4,825	8,831	25.4	1,616
288 Sheboygan.....	3	11	80	184	3,165	3,180	5,826	22.1	1,072
289 Superior.....	4	9	40	152	2,685	2,592	4,488	23.4	785
290 West Allis.....	6	10	60	176	2,826	2,707	4,980	21.1	927

See footnotes at end of table.



## public-school systems, by State and by city, 1947-48—Continued

to 99,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks			15	16	17	18
11	12	13	14	15	16	17	18	19	
0	9,700	739,366	(*)	9,044	33,300	1,018	27,231	315	252 253
258,707	775,373	12,659,370	319,715	22,184	527,926	17,902	5,386,073	28,628	254
24,200	87,900	1,177,835	15,555	(*)	25,380	1,606	947,937	3,917	255
42,313	85,944	1,581,665	80,916	1,425	74,085	2,196	71,385	(17)	256
28,602	86,445	1,036,154	12,890	(*)	63,719	1,519	130,467	4,808	257
12,000	22,200	366,485	7,800	38	19,713	570	33,133	823	258
30,495	109,320	1,530,722	14,942	12,173	49,680	2,171	2,124,798	7,787	259
39,727	112,853	1,761,336	89,644	8,548	69,185	2,606	704,980	1,185	260
11,100	50,746	903,251	26,750	(*)	26,677	1,295	44,047	(*)	261
24,526	5,496	604,353	10,843	(*)	10,100	823	33,434	(*)	262
12,298	59,666	838,280	5,713	(*)	44,005	1,184	1,145,447	3,986	263
7,000	38,300	1,042,592	32,099	(*)	100,997	1,538	29,842	4,861	264
18,766	63,993	1,031,588	14,929	(*)	24,287	1,337	19,103	(*)	265
7,680	52,480	785,109	7,634	(*)	20,098	1,057	101,500	1,261	266
34,200	62,875	1,011,059	19,176	12,695	49,608	1,510	169,414	426	267 268
180,857	466,381	5,817,267	146,563	48,232	246,579	8,830	1,482,891	3,602	269
0	46,728	762,828	31,612	(*)	17,339	1,042	13,512	(*)	270
24,000	127,438	1,064,544	9,249	19,363	30,185	1,634	409,295	1,332	271
12,950	38,725	530,697	16,546	243	37,690	771	75,925	(*)	272
31,699	48,481	656,495	17,667	(*)	22,343	959	93,519	884	273
33,075	46,451	638,936	17,504	9,610	25,432	1,003	292,165	1,291	274
25,970	37,672	429,990	7,715	709	20,225	665	44,801	(*)	275
20,450	52,998	690,706	17,490	14,259	33,826	1,017	166,666	95	276
32,713	67,888	1,043,071	28,780	4,048	59,539	1,739	387,008	(*)	277
20,993	50,676	993,256	23,909	15,437	78,939	1,523	40,863	820	278 279
196,853	485,916	8,018,513	223,607	78,150	390,813	12,833	677,396	4,853	280
13,800	31,456	530,143	10,085	11,250	18,000	913	56,633	864	281
27,589	49,318	758,508	22,419	181	35,836	1,231	58,661	615	282
16,102	52,028	922,562	24,901	12,896	54,270	1,472	51,363	25	283
16,688	48,427	636,740	7,367	7,894	26,582	1,064	(*)	450	284
24,273	71,174	1,144,412	49,613	18,619	46,509	1,783	13,928	1,217	285
15,587	35,923	748,996	17,475	12,255	41,154	1,211	40,214	(*)	286
20,135	66,023	1,163,458	31,907	4,361	63,056	1,742	53,684	90	287
9,216	39,532	711,206	29,246	(*)	46,741	1,101	74,176	(*)	288
23,040	36,275	523,027	9,970	9,836	29,562	894	116,715	981	289
30,423	55,760	879,461	20,624	858	37,103	1,422	212,022	611	290

Table 2.—Personnel, attendance, and fiscal data for

GROUP III.—CITIES OF 10,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS									
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)	
			Men	Women	Boys	Girls				
1	2	3	4	5	6	7	8	9	10	
<b>1 Continental United States</b>	<b>1,249</b>	<b>3,765</b>	<b>17,651</b>	<b>63,659</b>	<b>1,141,706</b>	<b>1,107,449</b>	<b>1,975,837</b>	<b>24.3</b>	<b>355,393</b>	
2 ALABAMA	9	50	127	1,078	20,701	20,853	35,946	29.8	6,362	
3 Anniston	2	8	17	141	3,094	2,886	4,743	30.0	844	
4 Dothan	2	3	9	92	1,823	1,923	3,450	34.2	607	
5 Fairfield	5	6	95	1,403	1,403	2,548	25.2	473		
6 Phenix City	2	16	114	2,376	2,475	4,069	31.3	712		
7 Selma	6	11	114	2,145	2,261	3,841	30.7	672		
8 Other cities	5	26	68	522	9,860	9,905	17,295	29.3	3,054	
9 ARKANSAS	9	45	114	772	15,496	15,400	26,800	30.2	4,670	
10 Blytheville	1	3	17	70	1,766	1,730	2,686	30.9	471	
11 El Dorado	8	16	120	2,348	2,253	4,121	30.3	718		
12 Hot Springs	3	13	12	147	2,640	2,649	4,524	28.4	786	
13 Jonesboro	2	18	55	1,203	1,192	2,186	29.9	389		
14 North Little Rock	2	3	27	146	3,323	3,205	5,436	31.4	953	
15 Pine Bluff	3	9	18	144	2,557	2,697	4,957	30.6	853	
16 Texarkana	7	6	90	90	1,659	1,674	2,890	30.1	500	
17 CALIFORNIA	92	333	2,084	5,050	111,633	103,611	191,414	26.8	33,458	
18 Albany	1	4	28	96	6,189	6,189	3,257	26.3	570	
19 Anaheim:										
20 Elementary District	7	7	7	50	834	825	1,550	27.2	267	
High-School District	2	3	20	25	509	469	968	21.5	169	
21 Bakersfield:										
Elementary District	7	16	24	329	6,188	6,411	9,939	28.2	1,749	
High-School District	6	7	187	139	5,023	4,082	7,264	22.3	1,286	
23 Beverly Hills	4	5	39	119	1,538	1,568	3,100	19.6	548	
24 Brawley:										
Elementary District	2	3	3	59	1,323	1,276	2,303	37.1	403	
High-School District	1	10	19	19	349	332	567	19.6	93	
26 Burlingame	3	6	3	62	837	752	1,430	22.0	257	
27 Compton:										
Elementary District	4	10	4	173	3,202	3,068	5,825	32.9	1,019	
High-School District	27	168	185	6,968	5,003	10,656	30.2	1,870		
28 El Monte:										
Elementary District	12	7	20	134	2,527	2,249	4,741	30.8	834	
High-School District	1	51	65	1,577	1,577	2,360	2,636	22.7	472	
31 Eureka	4	6	25	110	1,824	1,775	3,340	24.7	568	
32 Modesto	3	11	98	244	5,493	4,628	9,484	27.7	1,622	
33 National City:										
Elementary District	5	75	75	1,460	1,375	2,181	29.1	371		
34 High-School District	8	53	82	1,809	1,774	3,067	22.7	521		
35 Ontario:										
Elementary District	22	3	10	18	103	6,205	6,205	3,797	31.4	664
High-School District	2	65	69	69	2,156	1,756	3,624	27.0	634	
37 Palo Alto	1	8	27	130	2,046	1,949	3,549	22.6	618	
38 Pomona	5	9	55	138	2,731	2,904	5,416	28.1	959	
Redondo Beach:										
39 Elementary District	5	7	100	1,533	1,609	2,992	28.0	518		
40 High-School District	2	53	55	1,095	1,076	1,808	16.7	322		
41 Redwood City:										
Elementary District	1	8	27	110	1,910	1,896	3,494	25.5	625	
42 High-School District	3	3	50	47	1,272	1,279	2,124	21.9	370	
43 San Gabriel	5	5	87	87	6,144	6,144	2,736	29.7	487	
44 Santa Cruz	2	7	35	84	22,926	22,926	3,274	27.5	576	
45 Other cities	33	149	1,002	2,161	50,197	47,052	86,292	27.3	15,066	

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 29,999 POPULATION

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
4,660,896	14,908,407	222,376,644	4,140,446	3,295,590	12,109,941	357,793	38,988,838	278,528	1
25,603	165,327	2,629,191	18,194	8,803	51,102	3,552	371,495	515	2
5,945	25,331	343,704	1,699		6,508	480	54,534	-----	3
4,645	9,612	217,930			2,238	269	194,596	20	4
-----	18,300	203,668	4,000		6,571	293	16,542	197	5
-----	6,384	244,767			2,000	288	10,377	144	6
-----	19,380	246,743	2,500		1,840	330	2,357	-----	7
15,013	86,320	1,372,379	9,995	8,803	31,945	1,892	93,089	154	8
29,808	113,454	1,618,238	30,507	12,407	28,666	2,449	352,594	4,129	9
2,671	7,404	156,961	885		2,129	212	10,223	346	10
-----	17,587	264,294	7,832		4,029	369	67,677	333	11
12,000	28,096	284,682	6,248		3,880	441	13,262	351	12
-----	6,700	139,556	0	1,800	1,150	189	-----	370	13
7,319	10,499	316,292	7,685	5,636	13,678	597	76,762	1,351	14
7,738	26,568	292,221	4,084	4,971	1,800	413	158,392	924	15
-----	16,600	164,232	3,773		2,000	228	26,278	454	16
404,664	1,683,208	25,261,405	934,614	198,193	2,447,556	43,033	11,811,740	42,849	17
6,000	21,800	378,913	9,634		111,306	565	111,128	(4)	18
-----	28,800	180,078	2,600	3,376	2,203	281	30,398	90	19
-----	10,000	203,612			40,965	379	23,279	145	20
36,301	85,853	1,136,057	40,417	6,394	970	1,753	68,516	2,500	21
35,545	46,457	1,251,378	82,017	18,650	223,325	2,455	1,112,399	5,070	22
18,240	46,560	589,936	25,358	5,380	51,079	1,026	199,737	1,094	23
-----	9,000	231,025			14,858	385	186,508	314	24
-----	29 5,000	91,626			8,802	163	5,634	390	25
15,540	18,540	244,969			13,165	381	33,440	16	26
-----	44,191	524,357	22,557		35,181	1,017	99,158	956	27
-----	161,213	1,322,995	164,594	21,274	223,849	2,556	124,339	1,600	28
37,283	30,100	456,907	15,778	8,000	19,773	789	211,747	1,051	29
-----	7,000	545,208	36,610	19,536	68,461	951	1,635,000	2,395	30
12,616	28,432	412,056	13,813	4,300	22,522	655	30,897	775	31
9,039	73,501	1,265,884	64,984	14,988	106,117	2,025	766,856	1,945	32
-----	17,520	247,153	5,804		13,493	420	48,373	77	33
-----	36,663	429,685	21,938	9,099	41,183	725	15,184	1,088	34
13,600	44,400	404,350	14,250		7,450	650	95,275	73	35
-----	10,000	331,276			49,544	532	78,018	114	36
-----	47,145	495,247	33,143	5,365	37,904	864	322,781	416	37
21,034	40,664	613,797	32,671	8,286	54,445	1,007	180,822	1,777	38
-----	21,050	278,231	6,033		17,183	425	10,756	370	39
-----	10,500	407,137	20,420	12,463	29,572	715	359,071	1,400	40
4,170	31,740	314,967	7,130		28,574	479	409,019	1,150	41
15,380	14,643	396,306	22,516	5,319	26,251	621	29,076	50	42
-----	17,700	256,075	9,125	5,858	14,385	391	89,363	(4)	43
7,300	24,060	390,420	6,380	7,385	29,521	725	78,570	1,652	44
149,806	750,676	11,861,760	276,842	42,520	1,246,145	20,098	5,456,396	16,341	45

Table 2.—Personnel, attendance, and fiscal data for,

GROUP III.—CITIES OF 10,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS										
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)		
			Men	Women	Boys	Girls					
1	2	3	4	5	6	7	8	9	10		
46	COLORADO		7	27	106	454	6,778	6,868	12,906	23.0	2,337
47	Boulder	1	8	19	98	1,328	1,314	2,451	20.9	436	
48	Fort Collins	2	2	23	82	1,304	1,337	2,510	23.9	449	
49	Grand Junction	2	5	26	100	1,618	1,611	3,048	24.2	552	
50	Greeley	2	5	24	97	1,515	1,601	2,950	24.4	534	
51	Trinidad		7	14	77	1,013	1,005	1,947	21.4	366	
52	CONNECTICUT		20	68	194	1,041	17,509	17,068	30,678	24.8	5,545
53	Danbury	4	5	22	117	1,893	1,939	3,306	23.8	599	
54	Derby	1	5	8	39	460	456	818	17.4	147	
55	East Hartford	22	5	23	133	2,417	2,192	3,939	25.3	705	
56	Naugatuck	3	6	11	85	1,059	1,138	1,971	20.5	355	
57	Shelton		5	5	45	802	740	1,355	27.1	243	
58	Torrington	2	11	28	116	1,933	2,060	3,650	25.3	657	
59	Wallingford	5	4	15	76	1,141	1,195	2,049	22.5	369	
60	Willimantic		3	14	67	1,050	1,135	1,985	24.5	358	
61	Other cities		22	68	363	6,754	6,213	11,605	26.9	2,112	
62	GEORGIA		2	47	136	1,202	22,382	23,010	37,857	28.3	6,697
63	Albany		3	16	131	2,576	2,591	4,226	28.7	760	
64	Athens		7	20	120	2,098	2,132	3,558	25.4	655	
65	Dalton		21	7	85	1,638	1,614	2,684	29.2	479	
66	Decatur		8	11	98	1,424	1,347	2,427	22.3	429	
67	Griffin		3	10	77	1,394	1,361	2,267	26.1	404	
68	La Grange		12	10	139	2,478	2,679	4,285	28.8	771	
69	Thomasville	1	4	10	80	1,618	1,637	2,750	30.6	481	
70	Other cities	1	9	52	472	9,156	9,649	15,660	29.9	2,718	
71	IDAHO		7	44	212	767	14,865	14,472	25,570	26.1	4,458
72	Boise	21	13	54	204	3,413	3,581	5,889	22.8	1,025	
73	Coeur d'Alene		21	14	54	1,198	1,090	1,888	27.8	327	
74	Lewiston	3	8	22	73	1,242	1,194	2,191	23.1	394	
75	Pocatello	1	11	41	176	3,236	3,144	5,524	25.5	956	
76	Twin Falls	1	5	19	88	1,863	1,767	3,313	31.0	586	
77	Other cities		6	62	172	3,913	3,696	6,765	28.9	1,170	
78	ILLINOIS		38	189	1,004	3,156	53,961	52,645	92,259	22.2	17,206
79	Brookfield, District No. 95.		21	1	4	26	438	416	770	25.7	146
80	Canton	1	2	17	67	1,254	1,188	2,204	26.2	408	
81	Champaign		14	30	124	6 1,827	6 1,827	3,022	19.6	559	
82	East Moline:										
83	Elementary District	4	5	4	41	756	736	1,283	28.5	241	
83	High-School District		21	18	26	541	535	951	21.6	178	
84	Elmhurst:										
84	Elementary District		5	7	76	1,147	1,060	1,807	21.8	338	
85	High-School District		2	36	29	849	782	1,453	22.4	270	
86	Forest Park		2	1	37	453	425	818	21.5	157	
87	Galesburg	3	4	58	138	2,360	2,240	4,096	20.9	778	
88	Highland Park:										
88	Elementary District No. 107.		21	2	6	29	352	359	569	16.3	105
89	Elementary District No. 108.		21	2	7	11	45	552	926	16.5	171
90	Jacksonville		21	5	19	96	6 1,219	6 1,222	2,135	18.6	387
91	Kankakee	4	10	11	92	1,511	1,468	2,630	25.5	492	
92	Keawee	3	20	73	73	1,133	1,129	1,999	21.5	370	
93	La Grange:										
93	Elementary District	2	3	6	78	974	957	1,565	18.6	293	
94	High-School District	8	1	41	45	1,216	921	1,960	22.8	365	
95	Lincoln:										
95	Elementary District No. 27.		21	1	4	40	636	588	1,083	24.6	205
96	High-School District		1	15	14	321	319	589	20.3	108	
97	Park Ridge District No. 64.		4	5	70	932	933	1,510	20.1	282	
98	Wilmette		3	9	74	1,020	955	1,637	19.7	294	

See footnotes at end of table.



## public-school systems, by State and by city, 1947-48—Continued

TO 29,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses			
Supervisors	Principals	Teachers, and other instructional staff	Clerks					
11	12	13	14	15	16	17	18	19
27,369	86,909	1,337,997	8,117	22,329	69,165	2,144	392,656	2,049
5,825	22,507	245,724	6,280	10,073	16,941	434	14,853	128
7,210	7,210	263,520	-----	-----	8,172	381	50,385	221
7,000	15,033	313,129	-----	11,798	12,708	503	257,577	363
7,334	18,333	303,424	-----	458	21,605	490	27,593	752
-----	23,826	212,200	1,837	-----	9,739	336	42,248	585
72,098	268,761	3,664,243	48,720	82,684	177,646	5,763	278,228	4,691
13,241	22,950	486,765	3,956	2,977	17,141	698	2,904	336
3,592	16,671	139,030	2,625	6,308	3,331	227	300	55
15,545	30,246	430,578	7,506	9,789	22,034	677	21,357	1,707
13,350	27,108	220,506	1,926	12,550	3,582	427	-----	56
-----	16,650	143,362	2,611	8,809	3,213	249	3,041	15
11,200	40,333	459,425	5,425	8,226	11,950	717	25,376	19
15,170	17,275	276,520	3,934	5,768	19,229	456	39,501	350
-----	8,488	175,414	5,973	5,068	13,235	286	985	0
-----	89,040	1,332,643	14,764	23,189	83,931	2,026	184,764	2,209
5,100	143,502	2,609,554	5,286	8,067	74,215	3,668	90,773	381
-----	10,230	314,492	2,386	-----	15,274	463	22,231	-----
-----	21,439	284,395	1,720	7,867	5,188	430	31,698	-----
-----	<sup>21</sup> 3,500	191,657	-----	-----	7,967	245	6,252	-----
-----	27,134	238,778	-----	-----	6,570	370	10,790	-----
-----	9,538	191,486	-----	-----	2,803	297	803	-----
-----	29,280	299,921	-----	-----	931	394	8,689	-----
2,100	13,411	162,960	-----	-----	5,841	226	4,868	256
3,000	28,970	925,865	1,180	200	29,641	1,243	5,442	125
24,016	154,093	2,216,978	44,185	49,784	96,827	3,851	734,991	2,922
8,850	39,764	574,972	21,160	10,345	17,382	1,051	545,499	1,197
-----	<sup>21</sup> 3,500	167,659	2,970	961	6,196	246	590	140
8,570	26,940	268,000	2,400	5,000	6,800	560	-----	74
3,946	33,711	381,048	1,677	27,769	28,072	742	127,987	695
2,650	21,087	256,674	2,504	898	12,631	402	8,866	38
-----	29,091	568,625	13,474	4,811	25,746	850	52,049	852
139,383	753,310	11,905,487	153,058	93,511	639,266	19,244	2,219,346	21,133
-----	<sup>21</sup> 3,000	61,645	-----	-----	1,000	93	20,957	112
2,529	8,810	218,120	-----	375	13,036	353	9,210	30
-----	51,058	432,656	9,002	23,609	11,308	685	139,554	193
10,000	16,600	95,698	-----	2,599	6,592	185	12,187	151
-----	6,650	159,325	-----	3,000	7,600	245	69,410	145
-----	21,836	205,068	6,675	-----	9,011	351	38,309	633
-----	8,000	227,950	-----	-----	1,970	350	40,721	421
-----	7,750	119,369	-----	-----	14,879	223	398	156
13,305	18,520	586,964	12,112	1,337	26,672	855	62,720	290
-----	<sup>21</sup> 8,000	113,642	-----	-----	4,326	193	75,615	275
8,000	27,215	186,846	-----	1,261	7,441	307	6,114	224
-----	17,450	260,226	5,566	-----	3,876	374	6,244	320
11,850	32,400	295,460	5,086	-----	9,419	496	90,690	2,125
-----	12,300	225,226	4,635	400	20,332	347	4,991	97
8,755	12,320	231,433	-----	1,495	13,034	351	23,471	205
28,800	4,500	337,471	-----	-----	17,649	561	292,698	402
-----	<sup>21</sup> 3,500	99,360	-----	-----	-----	157	-----	95
-----	<sup>21</sup> 3,475	89,996	1,740	165	14,516	151	4,519	-----
-----	12,800	195,800	4,100	1,200	9,143	313	52	1,055
-----	14,387	260,215	5,566	4,727	23,473	440	22	1,326



Table 2.—Personnel, attendance, and fiscal data for

GROUP III.—CITIES OF 10,000

City		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
				Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10	
99	Winnetka:									
100	Elementary District.....	4	12	67	783	735	1,263	16.0	227	
101	High-School District.....	7	66	65	1,216	1,113	2,105	16.1	362	
102	Other cities.....	14	102	604	1,804	32,371	55,884	23.2	10,470	
103	INDIANA.....	48	120	654	1,794	34,344	33,592	58,151	23.8	10,284
104	Bedford.....	2	6	15	66	1,079	1,067	1,919	23.7	279
105	Bloomington.....	2	8	44	108	1,817	1,786	3,150	20.7	548
106	Columbus.....	1	3	34	64	6 <sup>1</sup> 1,285	6 <sup>1</sup> 1,287	2,355	24.0	424
107	Crawfordsville.....	1	4	25	53	1,066	1,082	1,874	24.0	430
108	Frankfort.....	1	5	31	83	1,526	1,550	2,710	23.8	480
109	Goshen.....	1	4	26	48	1,158	1,197	2,100	28.4	370
110	Huntington.....	3	7	20	66	1,098	1,156	1,978	23.0	356
111	Jeffersonville.....	1	1	29	55	1,150	1,146	1,729	20.6	300
112	La Fayette.....	5	10	49	121	2,490	2,294	4,023	23.7	708
113	Logansport.....	4	9	26	109	1,815	1,711	3,076	22.8	554
114	Michigan City.....	2	5	34	91	1,986	2,020	3,436	27.5	632
115	Other cities.....	27	58	321	930	17,874	17,295	29,801	23.8	5,299
116	IOWA.....	41	76	331	1,330	21,590	20,954	37,632	22.7	6,745
117	Boone.....	1	1	17	80	1,332	1,256	2,238	23.1	403
118	Clinton.....	3	9	28	143	2,244	2,253	3,935	23.0	724
119	Fort Madison.....	1	2	16	55	1,017	1,019	1,859	26.2	296
120	Keokuk.....	6	3	23	87	1,298	1,342	2,284	20.8	413
121	Marshalltown.....	3	8	19	109	1,778	1,673	3,042	23.8	448
122	Mason City.....	5	13	42	162	2,661	2,459	4,529	22.2	815
123	Muscatine.....	1	11	23	100	1,744	1,761	3,200	26.0	578
124	Newton.....	1	6	18	74	1,238	1,347	2,216	24.1	399
125	Other cities.....	22	23	145	520	8,278	7,844	14,329	21.5	2,569
126	KANSAS.....	26	81	404	1,179	22,581	21,477	38,140	24.1	6,709
127	Chanute.....	2	8	25	59	1,265	1,138	2,257	26.9	395
128	Fort Scott.....	1	2	53	21	1,061	907	1,666	22.5	297
129	Independence.....	22 <sup>5</sup>	5	25	61	1,475	1,227	2,283	26.5	402
130	Leavenworth.....	2	7	20	90	1,390	1,423	2,386	21.7	430
131	Manhattan.....	2	2	24	61	1,124	1,099	1,985	23.4	324
132	Newton.....	21 <sup>3</sup>	21 <sup>8</sup>	18	59	1,155	1,217	2,174	28.2	391
133	Ottawa.....	1	2	16	59	1,014	972	1,696	22.6	299
134	Parsons.....	1	8	34	71	1,571	1,538	2,730	26.0	478
135	Pittsburg.....	1	8	22	84	1,482	1,473	2,560	24.2	444
136	Other cities.....	17	31	199	582	11,044	10,483	18,403	23.6	3,249
137	KENTUCKY.....	14	45	91	532	9,449	9,391	16,465	26.4	2,916
138	Ashland.....	1	17	17	171	3,034	2,993	5,164	27.5	904
139	Bowling Green.....	4	2	11	64	1,201	1,201	2,108	28.1	367
140	Fort Thomas.....	1	4	14	37	603	545	1,020	20.0	196
141	Frankfort.....	1	7	62	76	765	784	1,399	20.3	259
142	Hopkinsville.....	1	6	14	73	1,077	1,105	1,929	22.2	344
143	Other cities.....	9	9	28	125	2,769	2,763	4,845	31.6	846
144	LOUISIANA.....	2	18	35	285	5,399	5,593	9,756	30.5	1,756
145	Bogalusa.....	1	4	16	109	1,875	1,955	3,567	28.5	642
146	Lake Charles.....	1	8	10	88	1,867	1,852	3,226	32.9	581
147	Monroe <sup>16</sup> .....	1	6	9	88	1,657	1,786	2,963	30.5	533
148	MAINE.....	12	32	164	746	12,542	12,092	21,966	24.1	3,953
149	Auburn.....	1	5	22	108	1,891	1,822	3,370	25.9	599
150	Augusta.....	3	1	19	83	1,377	1,386	2,490	24.4	443
151	Bath.....	1	2	4	71	1,409	1,307	2,256	26.5	404
152	Biddeford.....	6	5	4	34	556	569	935	24.6	169
153	Rumford.....	1	1	19	52	804	729	1,407	19.8	253
154	Other cities.....	1	18	86	398	6,505	6,279	11,508	23.8	2,085
155	MASSACHUSETTS.....	154	219	1,005	3,890	61,124	58,690	108,692	22.2	19,304
156	Amesbury.....	2	16	34	606	609	1,107	22.1	198	
157	Andover.....	21 <sup>4</sup>	13	53	751	750	1,479	22.4	249	
158	Athol.....	1	7	11	51	1,009	926	1,690	27.3	297
159	Attleboro.....	7	8	24	110	1,665	1,702	3,058	22.8	546
160	Beverly.....	5	10	41	132	2,110	1,789	3,444	19.9	626

public-school systems, by State and by city, 1947-48—Continued  
TO 29,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses			
Supervisors	Principals	Teachers, and other instructional staff	Clerks					
11	12	13	14	15	16	17	18	19
								99
	23,519	280,942	8,768	2,487	11,072	451	12,973	500
	<sup>21</sup> 55,000	525,344	41,885		40,322	954	42,236	220
56,144	384,220	6,696,731	47,893	50,856	372,595	10,809	1,266,255	12,254
196,151	489,852	7,260,194	85,842	84,665	275,739	10,873	300,202	1,697
7,500	22,674	236,078	1,485		3,445	338		104
<sup>21</sup> 6,000	24,425	389,206	3,417	73,760	20,194	679	12,662	105
4,400	<sup>21</sup> 16,962	302,703	3,712		8,924	422	10,133	97
	13,034	234,658	4,663		8,671	330	7,469	70
4,220	20,674	328,576			15,347	463	6,886	107
3,686	15,780	243,886	1,434		7,532	353	17,202	65
14,221	30,637	265,865	2,500		12,107	431	6,000	15
	4,431	263,693			3,661	343	5,271	42
18,271	44,200	553,872	7,130		16,214	785	16,780	16
<sup>21</sup> 14,000	<sup>21</sup> 31,500	387,597	5,934		6,356	565	14,340	143
5,719	18,300	414,681	4,547		18,077	614	1,971	173
118,134	247,215	3,659,379	51,018	10,905	155,211	5,550	201,488	969
146,556	279,936	3,884,964	40,062	47,735	237,563	6,355	940,590	4,068
3,675	4,729	220,606	8,197		12,058	347	18,272	158
10,481	30,679	434,357	9,597	6,907	20,228	686	24,294	1,032
3,000	7,400	162,385	2,680		12,140	250	21,307	73
16,690	9,323	245,170	6,844		18,993	396	24,660	120
8,100	24,805	306,150	1,350	11,254	13,018	470	19,809	500
18,610	46,164	511,584	5,394	7,804	19,479	844	31,361	460
	42,336	289,259		4,786	1,861	463	3,339	123
	<sup>22</sup> 24,000	<sup>22</sup> 200,291	<sup>22</sup> 6,000	2,310	<sup>22</sup> 22,856	324	13,663	24
86,000	90,500	1,515,162		14,674	116,930	2,575	783,915	1,819
89,050	284,975	3,708,847	64,676	1,188	245,885	5,640	254,410	2,629
4,800	18,821	197,584	5,389		8,317	306	6,214	84
	7,207	166,132	3,188		12,308	255		75
	17,229	205,208	3,679		9,895	302	251	61
9,693	21,576	221,743	5,398		13,439	354	7,347	84
	8,220	217,255	3,764	77	12,934	310	9,166	131
11,834	30,854	194,227	2,814	926	14,221	317	8,885	120
2,400	7,300	174,220	2,594		10,709	250	4,389	51
	24,250	232,016	4,633		11,996	344	57,481	134
2,900	24,800	259,455	4,025		16,178	398	14,549	171
57,423	124,688	1,841,007	29,192	185	135,888	2,804	146,128	1,983
32,949	122,803	1,285,390	12,157	872	43,462	1,921	75,975	304
	50,089	434,634	7,426		17,989	622	9,821	76
<sup>22</sup> 14,178	<sup>22</sup> 7,088	<sup>22</sup> 146,112			<sup>22</sup> 4,841	215	7,389	30
3,297	14,052	138,398	2,091		4,824	216	8,671	80
	<sup>22</sup> 14,000	<sup>22</sup> 118,700			<sup>22</sup> 4,500	187	6,921	141
	14,366	146,028		872	4,208	224	4,520	142
15,474	23,208	301,518	2,640		7,100	457	38,653	118
5,945	50,881	694,017	3,015	7,188	13,727	1,010	60,354	483
3,500	13,101	271,138	825	7,188	8,674	384	7,770	145
	22,945	265,055	750		2,973	377	38,203	146
2,445	14,835	157,834	1,440		2,080	249	14,381	483
35,965	96,622	1,850,560	35,055	48,200	5,983	2,926	63,144	1,062
3,300	16,700	213,195	5,300	6,284	0	386	39,247	219
14,127	4,553	238,238	3,284	6,930	8,887	365	6,839	25
3,400	7,300	172,802	3,000	6,243	9,576	271		150
9,838	10,902	59,667		779		113		152
	3,760	151,984	3,200	5,488		273	6,927	104
5,300	53,407	1,014,674	20,271	22,476	33,520	1,518	10,131	594
533,961	844,540	13,303,548	187,203	313,372	567,259	20,856	567,749	1,304
	6,989	132,936	1,683	2,916	5,703	205	2,118	156
	<sup>21</sup> 14,000	180,933	4,718	4,100	4,500	285		157
5,547	27,209	153,319	2,548	5,666	2,932	269	362	50
24,126	28,580	317,412	1,724	8,679	11,747	528	1,936	159
21,580	37,453	457,313	9,636	8,340	11,608	740	48	160

Table 2.—Personnel, attendance, and fiscal data for

GROUP III.—CITIES OF 10,000

City		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS										
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)		
				Men	Women	Boys	Girls					
1	2	3	4	5	6	7	8	9	10			
161	Clinton		1	17	41	673	744	1,299	22.4	232		
162	Danvers	4	4	15	66	1,021	1,060	1,844	22.8	337		
163	Easthampton		2	11	35	467	552	929	20.2	168		
164	Fairhaven	3	5	11	55	886	888	1,604	24.3	293		
165	Framingham	6	11	32	108	1,805	1,760	3,232	23.1	571		
166	Gardner	2	1	16	69	1,048	986	1,962	23.1	334		
167	Greenfield	1	2	20	80	1,146	1,154	2,099	21.0	371		
168	Lexington		4	19	80	1,239	1,198	2,261	22.8	401		
169	Marblehead		4	18	66	1,040	991	1,869	22.3	325		
170	Marlboro	5	3	12	58	904	800	1,553	22.2	277		
171	Melrose	3	5	33	120	1,876	1,811	3,371	22.0	603		
172	Methuen	9	7	13	89	1,380	1,316	2,489	24.4	438		
173	Milton	4	6	22	102	1,577	1,410	2,711	21.9	485		
174	Natick	2	2	65	35	1,395	1,247	2,385	23.9	411		
175	Newburyport	2	5	9	61	902	892	1,611	23.0	287		
176	North Adams		7	29	103	1,620	1,540	2,814	21.3	503		
177	Northbridge	1	1	17	41	828	736	1,428	24.6	256		
178	Peabody	6	10	25	91	1,401	1,330	2,557	22.0	442		
179	Plymouth	4	4	14	69	1,227	1,092	2,129	25.7	379		
180	Saugus	3	2	24	72	1,532	1,437	2,702	28.1	473		
181	Southbridge	2	6	30	53	1,000	811	1,669	20.1	297		
182	Stoneham	2	2	14	50	844	800	1,505	23.5	267		
183	Other cities	82	94	434	1,966	29,172	28,359	51,891	21.6	9,864		
184	MICHIGAN	38	124	773	2,609	47,516	46,544	84,468	25.0	16,249		
185	Adrian	1	6	23	84	1,530	1,471	2,853	27.0	542		
186	Alpena		21	27	55	1,132	1,097	1,992	24.3	378		
187	Ann Arbor		10	72	127	2,531	2,340	4,300	21.6	817		
188	Birmingham		27	17	101	6,140	6,149	2,614	22.2	497		
189	Calumet		3	0	58	932	929	1,582	27.3	292		
190	Escanaba	1	2	21	82	1,490	1,403	2,562	24.9	454		
191	Ferndale		22	8	28	155	3,043	3,261	5,483	30.0	1,097	
192	Grosse Pointe		22	1	8	58	171	2,753	2,491	4,626	20.2	874
193	Holland	1	2	29	82	1,374	1,357	2,515	22.7	463		
194	Iron Mountain		22	4	13	61	993	999	1,866	25.2	333	
195	Ironwood	1	1	19	57	1,085	1,051	1,926	25.3	347		
196	Menominee	1	2	23	51	1,034	1,054	1,982	26.8	377		
197	Midland	2	7	41	100	1,738	1,803	3,367	23.9	659		
198	Monroe	3	5	34	106	2,012	1,869	3,371	24.1	612		
199	Mount Clemens	4	1	17	87	1,545	1,524	2,613	25.1	523		
200	Muskegon Heights		8	34	90	1,912	1,909	3,559	28.7	641		
201	Other cities	19	51	317	1,142	21,004	20,577	37,257	25.5	7,343		
202	MINNESOTA	30	60	356	1,128	18,811	17,970	32,787	22.1	5,727		
203	Albert Lea	1	3	21	82	1,741	1,759	3,045	29.6	527		
204	Brainerd	2	8	23	83	1,564	1,416	2,591	24.4	450		
205	Faribault	2	1	22	52	928	937	1,630	22.0	282		
206	Fergus Falls	1	2	15	69	1,046	1,167	1,972	23.5	319		
207	Rochester	2	12	53	129	2,340	2,151	3,937	21.6	705		
208	South St. Paul	9	8	20	77	1,458	1,376	2,747	28.3	473		
209	Virginia	3	3	42	101	1,322	1,064	2,138	15.0	382		
210	Other cities	10	23	160	535	8,412	8,100	14,727	21.2	2,589		
211	MISSISSIPPI	10	75	101	899	18,254	18,872	31,802	31.8	5,716		
212	Biloxi	3	8	6	82	1,604	1,543	2,598	29.5	468		
213	Greenwood		8	13	81	1,726	1,851	2,923	31.1	526		
214	Hattiesburg	2	10	13	117	2,350	2,408	3,844	29.6	711		
215	Laurel		12	8	125	2,411	2,503	4,189	31.5	754		
216	Natchez	1	6	8	74	1,495	1,516	2,637	32.2	475		
217	Vicksburg		8	14	88	1,581	1,736	3,055	30.0	522		
218	Other cities	4	23	39	332	7,087	7,315	12,556	33.8	2,260		

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

to 29,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses			
Supervisors	Principals	Teachers, and other instructional staff	Clerks					
11	12	13	14	15	16	17	18	19
12,000	4,470	154,733	1,707	1,760	2,416	227	4,611	161
	12,000	215,346	2,000	3,516	9,788	331	4,596	45
	6,250	109,090	2,100	855	5,013	179	208	37
8,413	12,822	162,200	1,607	4,353	9,143	274	5,461	10
25,359	48,365	304,917	8,869	8,269	9,168	588	574	165
9,900	5,000	235,439	2,115	14,073	750	377	12,068	176
3,058	6,604	305,095	7,390	16,674	3,054	426		167
	23,392	282,727	(14)	5,142	15,128	426	6,196	168
	20,946	233,661	3,301	6,889	7,782	351	52,796	169
10,700	9,500	149,475	1,900	1,808	7,023	244	698	170
9,974	20,450	468,675	4,100	8,288	21,694	687	12,066	171
29,862	33,950	294,192	3,800	12,576	379	489	214	172
15,924	27,440	369,058	6,557	6,047	14,297	572	5,305	97
8,825	8,775	264,521	4,600	14,045	6,245	405	93,614	62
7,705	19,321	157,931	2,898	3,784	6,865	254		83
	23,500	301,308	3,958	4,660	15,045	459	6,699	73
	4,600	139,287	1,655	2,692	5,257	214		18
21 24,000	21 40,000	289,535		5,116	15,119	519	496	(4)
10,858	16,384	229,700	9,306	4,730	12,679	382	7,571	36
8,700	7,800	249,095	1,840	4,449	6,771	363	1,096	180
7,692	23,675	244,422	5,800	5,080	13,655	381	2,311	88
11,130	9,200	169,536	3,500	3,315	7,311	258	2,678	182
275,847	345,865	6,671,692	87,891	145,550	336,170	10,423	344,027	705
154,379	561,175	10,339,900	196,041	124,179	658,149	16,843	1,836,671	12,622
4,200	23,400	325,975	4,295	8,270	25,915	513	18,108	120
	21 4,000	232,873	3,937	847	14,797	348	26,470	115
	43,864	623,747	19,793		33,244	1,057	44,977	183
	30,219	422,607	12,978	3,867	22,848	696	147,243	466
	10,215	141,181	1,505	5,895	7,402	235	5,519	189
4,100	8,850	276,063	5,516		20,894	414	3,200	225
	45,277	627,520	15,049	22,209	21,181	997	110,624	1,011
6,480	62,378	840,319	38,780	3,347	53,163	1,428	388,334	3,225
2,067	11,833	308,063	3,781	2,206	11,224	462	17,279	116
14,618	7,305	151,682	1,613	4,101	10,940	279	2,219	164
3,600	4,560	192,842	7,084	3,271	14,438	341	19,539	42
2,000	4,925	191,034	3,000	3,894	14,041	296	8,120	196
8,650	27,035	429,489	2,818	6,941	35,907	682	482,357	450
15,766	23,842	448,059	10,856	0	27,864	719	22,375	235
12,200	4,320	302,172	2,622	8,619	11,642	509	3,726	208
12,755	15,309	359,396	5,740	4,698	20,324	585	24,044	297
67,943	233,843	4,466,938	56,674	46,014	312,325	7,282	512,537	5,929
125,626	307,426	4,279,719	31,436	135,015	260,759	7,440	474,439	6,891
3,750	11,521	202,251		5,499	21,227	340	30,933	220
29 8,000	23 32,000	23 240,989	23 2,000	6,201	23 25,598	440	30,033	229
11,324	6,247	199,821	3,537	4,300	16,110	341	60,688	12
2,880	6,500	182,233	2,467	4,661	20,904	289	12,956	210
15,000	72,000	660,902		7,668	35,518	1,088	26,961	1,925
39,635	27,825	264,391	3,612	5,402	15,671	519	36,064	208
29 9,000	23 13,500	23 432,879	23 8,000	(25)	54,862	830	6,225	209
36,637	137,773	2,096,253	11,820	101,284	70,869	3,593	270,579	4,295
25,806	189,145	1,837,022	25,056	3,300	65,131	2,764	87,420	1,729
9,900	23,400	170,440	5,400	3,300	6,950	295	10,000	212
	19,793	178,119			4,244	265		12
2,745	25,012	249,302	952		11,488	359		214
	29,430	236,912	1,311		3,953	328		215
3,500	13,956	132,440	2,322		7,316	211	75	774
	14,784	169,555	2,746		4,686	225		217
9,661	62,770	700,254	12,325		26,494	1,081	77,345	943



Table 2.—Personnel, attendance, and fiscal data for

GROUP III.—CITIES OF 10,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
	Supervisors	Principals	Instructional staff		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
219 Missouri.....	31	109	302	1,438	25,221	23,816	42,183	24.2	7,722
220 Cape Girardeau.....	1	7	24	89	1,500	1,420	2,425	21.5	429
221 Clayton.....	22	7	28	94	1,182	1,153	1,977	16.2	372
222 Hannibal.....	2	7	22	103	1,720	1,681	2,850	22.8	513
223 Kirksville.....	22	23	12	63	956	977	1,649	22.0	302
224 Kirkwood.....	5	10	27	98	2,047	1,876	3,359	26.9	628
225 Maplewood.....	4	7	21	88	1,404	1,327	2,370	21.7	438
226 Moberly.....	1	2	18	74	1,014	972	1,845	20.1	332
227 St. Charles.....	22	4	5	10	50	801	1,374	22.9	267
228 Webster Groves.....	3	11	29	125	2,145	1,960	3,583	23.3	681
229 Other cities.....	8	50	111	654	12,406	11,649	20,751	27.1	3,760
230 MONTANA.....	13	39	133	570	10,088	10,100	17,962	25.6	3,249
231 Anaconda.....	4	13	55	776	776	737	1,368	20.1	241
232 Billings.....	2	8	35	159	2,869	2,984	5,211	26.9	949
233 Great Falls.....	3	12	32	173	3,104	3,128	5,471	26.7	984
234 Helena.....	6	6	21	74	1,267	1,252	2,273	23.9	423
235 Missoula:									
236 Elementary District.....	2	8	11	83	1,452	1,385	2,545	27.1	461
237 High-School District.....	1	1	21	26	620	614	1,094	23.3	191
238 NEBRASKA.....	10	22	165	580	10,814	10,488	18,205	24.4	3,263
239 Beatrice.....	1	2	13	68	970	998	1,666	20.6	300
240 Fremont.....	2	3	21	65	1,236	1,259	2,182	25.4	384
241 Grand Island.....	1	4	27	117	2,074	2,095	3,649	25.3	657
242 Hastings.....	3	8	22	102	1,933	1,813	3,238	26.1	586
243 Norfolk.....	2	1	18	57	1,064	959	1,556	20.7	272
244 Other cities.....	1	4	64	171	3,537	3,364	5,914	25.2	1,064
245 NEVADA.....	8	34	122	2,592	2,592	2,424	3,970	25.4	702
246 Reno.....	8	34	122	2,592	2,592	2,424	3,970	25.4	702
247 NEW HAMPSHIRE.....	17	31	177	537	9,083	8,663	15,326	21.5	2,723
248 Berlin.....	1	20	40	672	615	615	1,170	19.5	211
249 Claremont.....	4	17	47	870	788	788	1,548	24.2	273
250 Concord.....	5	6	32	115	1,658	1,521	2,838	19.3	525
251 Dover.....	1	9	20	60	6,978	6,979	1,957	24.5	254
252 Keene.....	2	1	28	66	1,305	1,338	2,457	26.1	429
253 Laconia.....	1	2	24	56	904	870	1,621	20.3	289
254 Other cities.....	4	11	36	153	2,696	2,552	3,735	19.8	742
255 NEW JERSEY.....	99	240	1,169	4,217	67,070	65,105	114,703	21.3	20,856
256 Asbury Park.....	6	31	89	311	1,578	1,576	2,619	21.8	477
257 Bergenfield.....	2	2	20	61	1,016	977	1,865	23.0	336
258 Bridgeton.....	1	6	34	116	1,678	1,806	3,287	21.9	601
259 Cliffside Park.....	5	27	73	1,152	1,088	1,977	1,978	19.8	360
260 Collingswood.....	3	4	24	73	1,183	1,129	2,035	21.0	370
261 Dover.....	1	4	22	66	1,166	1,133	1,875	21.3	351
262 Englewood.....	6	6	26	106	1,689	1,544	2,779	21.1	509
263 Garfield.....	9	21	131	1,879	1,856	3,318	21.8	611	
264 Gloucester City.....	1	20	54	961	940	1,600	2,161	21.6	291
265 Hackensack.....	3	6	39	154	2,344	2,203	3,926	20.3	726
266 Hillside.....	6	25	116	1,703	1,595	2,910	2,910	20.6	534
267 Lodi.....	4	7	29	85	1,727	1,652	2,939	25.8	539
268 Long Branch.....	1	10	29	98	1,694	1,684	2,851	22.4	522
269 Millburn.....	4	29	72	1,094	1,084	1,928	1,919	19.1	350
270 Neptune (P.O. Ocean Grove).....	3	5	21	64	1,096	1,026	1,728	20.3	311
271 Nutley.....	2	6	39	145	2,027	1,954	3,433	18.7	635
272 Phillipsburg.....	22	1	30	89	1,475	1,426	2,555	21.5	475
273 Rahway.....	2	4	29	85	1,403	1,286	2,364	20.7	430
274 Ridgefield Park.....	4	15	63	935	882	1,556	1,556	19.9	283
275 Roselle.....	2	4	26	67	1,196	1,127	2,023	21.8	375
276 South River.....	4	22	53	900	904	1,678	22.4	305	

See footnotes at end of table.



## public-school systems, by State and by city, 1947-48—Continued

TO 29,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses			
Supervisors	Principals	Teachers, and other instructional staff	Clerks			15	16	17
11	12	13	14	15	16	17	18	19
103,063	363,374	4,050,312	76,088	122,491	245,457	6,732	749,027	7,398,219
3,330	16,196	234,127	1,800	9,809	5,942	344	20,819	30,220
10,460	36,914	356,102	14,060	7,735	29,305	662	52,320	1,426,221
4,365	20,677	258,924	6,571	5,887	15,295	431	7,821	192,222
3,104	11,585	127,292	1,211	8,949	5,381	209	2,289	111,223
12,355	34,739	334,902	4,432	12,042	26,856	599	202,512	754,224
14,291	28,050	292,993	2,749	4,843	21,275	503	34,036	771,225
3,300	9,700	156,471	2,349	4,160	7,024	258	7,739	117,226
13,257	15,653	127,580	1,990	-----	5,913	230	6,991	121,227
16,814	35,222	492,612	13,868	15,199	35,417	828	316,366	1,284,228
21,757	154,638	1,669,309	27,058	53,867	93,049	2,668	98,134	2,592,229
53,569	165,451	2,199,804	9,478	44,645	117,984	3,452	352,948	2,706,230
-----	16,505	233,175	2,250	2,975	12,532	361	34,233	825,231
7,290	37,812	606,042	7,228	13,395	21,444	867	195,705	918,232
13,110	48,519	665,768	-----	9,048	39,150	1,025	36,732	76,233
26,099	29,515	294,436	-----	5,010	22,256	532	54,988	632,234
-----	-----	-----	-----	-----	-----	-----	-----	235
7,100	28,900	251,637	-----	12,325	13,643	415	11,760	55,236
-----	4,200	148,746	-----	1,892	8,959	252	19,530	200,237
29,454	72,021	1,609,574	17,482	29,952	99,638	2,430	154,062	2,273,238
2,414	6,820	213,252	2,390	4,388	15,611	313	5,763	123,239
4,555	9,689	188,993	2,969	3,318	7,808	275	94,028	550,240
3,856	13,700	347,443	3,560	4,943	25,294	499	13,596	-----
8,205	22,936	284,188	1,470	2,648	20,009	435	2,994	70,242
7,194	5,263	115,757	2,237	3,308	9,207	197	6,525	-----
3,230	13,613	459,941	5,216	11,797	21,709	711	31,156	1,530,244
-----	41,308	500,292	-----	15,700	2,340	729	52,237	4,008,245
-----	41,308	500,292	-----	15,700	2,340	729	52,237	4,008,246
64,927	113,927	1,701,241	22,188	36,397	80,074	2,966	131,691	638,247
-----	5,550	150,424	3,901	2,647	6,079	256	5,884	30,248
11,846	5,110	133,478	1,300	2,184	10,021	244	7,529	34,249
28,096	26,367	326,867	5,760	7,483	15,833	582	17,084	257,250
<sup>23</sup> 3,500	<sup>23</sup> 31,500	<sup>23</sup> 169,500	<sup>23</sup> 2,500	7,298	<sup>23</sup> 6,000	300	50,000	-----
5,000	4,200	257,328	-----	5,152	11,751	448	6,707	147,252
3,880	8,800	209,288	2,257	2,601	14,063	356	13,094	30,253
12,605	32,400	454,356	6,470	9,032	16,327	780	31,393	140,254
415,535	1,029,606	15,721,583	417,849	331,590	778,781	25,383	1,028,650	26,335,255
-----	23,320	335,687	6,600	6,216	1,334	518	-----	256
7,440	8,500	222,117	3,400	6,015	21,702	360	-----	454,257
3,275	24,100	382,820	10,692	6,869	5,738	549	1,552	304,258
-----	16,600	280,732	12,677	6,263	7,920	443	-----	592,259
16,700	17,850	225,043	-----	17,832	5,105	379	4,097	430,260
5,750	16,800	246,940	5,265	2,772	14,511	367	-----	239,261
24,255	30,000	437,515	15,734	4,899	23,795	727	-----	989,262
-----	33,500	407,522	5,271	7,073	22,126	641	16,626	314,263
4,050	3,850	193,231	2,750	3,305	6,090	295	74,059	70,264
10,000	31,200	626,961	15,383	5,668	9,847	950	13,487	234,265
-----	24,292	402,009	12,629	8,908	21,704	641	10,596	522,266
18,775	37,185	313,299	12,189	6,042	9,730	557	-----	462,267
4,100	32,925	396,995	7,840	6,994	18,201	683	823	334,268
-----	21,820	344,102	11,123	7,951	21,332	548	119,904	1,116,269
14,170	19,558	232,408	8,484	8,483	17,229	426	28,109	210,270
7,406	25,266	553,905	12,643	7,445	25,694	794	250	866,271
7,090	4,175	290,997	2,800	10,160	18,555	430	10,200	531,272
8,074	16,250	321,282	8,200	3,514	21,604	486	4,586	583,273
-----	16,000	238,260	5,622	3,406	10,448	329	-----	274
7,000	16,400	275,434	1,600	5,005	12,188	413	-----	464,275
-----	16,300	206,075	1,600	6,500	6,800	375	-----	165,276

Table 2.—Personnel, attendance, and fiscal data for

GROUP III.—CITIES OF 10,000

City		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS									
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)	
				Men	Women	Boys	Girls				
1	2	3	4	5	6	7	8	9	10		
277	Union	5	8	40	140	2,600	2,585	4,507	25.0	816	
278	Weehawken	2	4	17	58	873	881	1,523	20.3	279	
279	Westfield	5	5	34	116	1,819	1,832	3,191	21.3	578	
280	Woodbridge	4	8	24	165	2,578	2,513	4,447	23.5	818	
281	Other cities	50	111	496	1,878	29,304	28,422	49,789	21.0	8,974	
NEW MEXICO											
282	New Mexico	11	24	90	358	7,600	7,605	12,087	27.0	2,149	
283	Hobbs	1	5	22	66	1,621	1,603	2,338	26.6	421	
284	Santa Fe	4	6	24	104	2,219	2,126	3,378	26.4	581	
285	Other cities	6	13	44	188	3,700	3,876	6,371	27.5	1,147	
NEW YORK											
286	New York	173	273	1,335	4,764	78,351	73,932	131,348	21.5	24,037	
287	Batavia	3	8	26	98	1,556	1,427	2,647	21.3	484	
Corming:											
288	District No. 9		4	37	32	690	704	1,209	17.5	229	
289	District No. 13		2	16	42	932	896	1,589	27.4	299	
290	Cortland	5	4	10	86	1,346	1,184	2,177	22.7	420	
291	Endicott	5	8	33	172	2,660	2,521	4,647	22.7	863	
292	Freeport	2	8	27	116	2,003	1,984	3,422	23.9	611	
293	Garden City	4	3	32	75	1,064	1,040	1,848	17.3	327	
294	Geneva	3	6	18	82	1,096	1,020	1,826	18.3	335	
295	Glen Cove	14	3	7	58	1,101	993	1,816	27.9	327	
296	Glens Falls	2	6	25	88	1,427	1,359	2,400	21.2	431	
297	Hempstead	1	7	55	128	2,419	2,312	4,027	22.0	737	
298	Hudson	1	3	16	64	1,023	976	1,730	21.6	307	
299	Ithaca	6	6	36	123	2,066	1,892	3,352	21.1	625	
300	Johnstown	22	3	12	66	877	899	1,547	19.8	288	
301	Kingston	10	8	45	131	2,654	2,393	4,296	24.4	777	
302	Lackawanna	7	12	48	131	2,086	2,015	3,612	20.2	656	
303	Lockport	6	27	39	134	2,145	1,984	3,637	21.0	669	
304	Mamaroneck	3	7	32	127	1,882	1,771	3,134	19.7	563	
305	North Tonawanda	4	8	28	111	2,088	1,792	3,430	24.7	645	
306	Ogdensburg	1	3	21	63	1,048	935	1,729	20.6	327	
307	Oneida	2	5	9	61	934	888	1,573	22.5	301	
308	Peekskill	4	3	29	69	1,323	1,269	2,284	23.3	411	
309	Pelham	22	1	21	78	973	880	1,611	16.3	287	
310	Plattsburg		2	11	49	926	921	1,543	25.7	284	
311	Rensselaer	4	3	3	62	769	827	1,369	21.1	254	
312	Saratoga Springs	22	7	6	81	1,154	1,068	1,902	19.8	345	
313	Tonawanda		22	5	21	73	1,210	1,189	2,122	22.6	391
Valley Stream:											
314	Elementary District No. 13		1	2	24	6483	6485	779	30.0	141	
315	Elementary District No. 24		1	5	23	381	378	601	21.5	109	
316	Elementary District No. 30		1	1	27	384	326	578	20.6	105	
317	High-School District No. 1	1	2	340	344	921	833	1,499	17.8	286	
318	Watervliet	1	6	11	72	1,002	925	1,633	19.7	294	
319	Other cities	73	117	604	2,174	35,728	33,846	59,779	21.5	10,909	
NORTH CAROLINA											
320	Concord		118	252	1,766	34,051	34,529	61,251	30.4	11,094	
321	Fayetteville		6	9	81	1,562	1,665	2,868	31.8	519	
322	Fayetteville		8	15	108	2,249	2,190	3,908	31.8	703	
323	Gastonia		10	28	151	3,165	3,135	5,536	30.9	996	
324	Kingston		5	15	99	1,801	1,841	2,900	25.4	522	
325	Rocky Mount		10	17	134	2,695	2,697	4,749	31.5	855	
326	Salisbury		8	17	99	1,740	1,735	3,182	27.4	573	
327	Shelby		8	6	84	1,499	1,594	2,830	31.4	509	
328	Thomasville		5	15	70	1,256	1,217	2,314	27.2	417	
329	Wilson		6	13	113	2,245	2,319	4,009	31.8	722	
330	Other cities		52	117	827	15,839	16,136	28,955	30.7	5,278	

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 29,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses			
Supervisors	Principals	Teachers, and other instructional staff	Clerks					
11	12	13	14	15	16	17	18	19
29,173	41,900	572,498	22,784	11,369	24,959	915	147,932	2,794 277
8,127	18,350	254,989	11,674	5,712	14,984	458	41,290	902 278
16,900	28,750	482,747	22,362	7,275	30,024	784	3,074	958 279
16,000	31,992	499,088	12,825	6,913	28,646	858	93,116	964 280
207,250	472,873	6,978,427	178,732	159,001	378,515	11,457	458,949	11,838 281
39,130	85,738	1,224,926	12,987	8,400	37,209	1,771	587,157	923 282
4,800	20,188	251,705	8,187	-----	13,121	412	301,109	437 283
15,780	21,000	381,523	4,800	8,400	2,770	539	106,764	486 284
18,550	44,550	591,698	-----	-----	21,318	820	179,284	----- 285
559,377	1,295,772	19,176,132	433,509	308,615	1,088,184	33,014	1,042,882	25,814 286
14,319	31,265	392,790	7,123	4,162	14,639	670	15,860	162 287
-----	13,550	155,052	1,500	3,195	12,578	260	1,701	162 288
-----	8,000	160,059	3,240	2,084	6,661	251	4,386	266 289
15,196	15,657	272,330	2,445	4,220	9,918	455	8,093	204 290
25,600	28,575	593,918	10,152	8,678	29,147	918	21,383	257 291
6,755	36,800	487,385	22,267	10,931	24,377	872	48,375	2,584 292
21,100	19,400	454,221	12,761	16,272	21,600	777	10,651	----- 293
14,552	21,459	257,408	0	6,198	16,274	443	2,102	332 294
60,882	13,905	219,267	-----	2,696	15,507	460	-----	507 295
8,950	28,400	371,342	3,447	3,487	14,752	597	28,528	623 296
5,400	38,900	675,431	19,600	13,163	38,273	1,121	14,973	720 297
4,000	9,700	210,517	3,716	6,266	21,290	353	15,583	215 298
27,390	26,972	447,000	10,229	6,096	30,168	786	9,635	138 299
12,867	10,200	203,573	3,853	2,306	5,134	365	9,116	236 300
33,263	30,950	544,969	8,864	15,521	30,163	906	80,606	----- 301
43,334	44,612	587,084	22,915	7,451	43,071	1,106	19,942	124 302
22,654	30,844	506,679	6,118	13,956	13,436	888	36,246	584 303
10,810	40,220	651,651	19,662	8,768	32,790	1,161	81,343	2,130 304
11,575	35,175	439,379	3,976	8,689	22,677	812	22,076	307 305
4,000	12,025	247,660	2,375	3,771	12,695	409	5,113	96 306
<sup>21</sup> 5,800	<sup>21</sup> 15,125	200,538	3,280	704	4,198	350	4,693	178 307
14,600	12,105	330,235	8,208	6,640	18,940	581	3,966	441 308
5,700	23,300	387,343	8,420	14,013	7,598	670	3,534	1,526 309
-----	7,200	166,642	-----	1,136	11,071	268	6,216	47 310
15,681	12,801	169,036	115	5,133	15,097	327	1,936	164 311
30,556	24,700	276,461	5,450	12,697	8,345	492	5,656	80 312
-----	25,192	295,288	934	3,568	2,332	494	7,424	250 313
-----	6,500	94,091	2,331	1,850	3,440	306	3,916	----- 314
-----	6,200	87,803	2,992	1,258	4,708	143	1,484	92 315
-----	5,200	75,270	2,500	1,474	3,309	223	2,279	142 316
6,900	12,500	319,516	19,586	4,697	23,215	491	28,254	550 317
3,590	20,287	216,976	2,909	-----	12,149	357	1,145	288 318
133,903	628,053	8,679,218	212,541	107,535	558,632	14,702	536,667	12,409 319
-----	455,069	4,418,944	35,600	47,741	102,046	6,293	1,095,111	2,621 320
-----	20,280	207,312	855	1,727	4,611	268	124,503	----- 321
-----	28,048	281,285	2,126	-----	7,473	388	105,599	158 322
-----	35,551	398,195	-----	2,672	10,642	505	22,745	----- 323
-----	18,408	223,759	1,755	8,467	4,481	373	258,866	149 324
-----	34,502	342,190	2,475	-----	6,988	474	81,062	208 325
-----	37,470	262,081	8,075	3,013	7,701	411	30,806	409 326
-----	24,729	194,193	719	-----	9,151	283	32,327	219 327
-----	17,564	168,869	382	2,292	2,373	238	17,083	89 328
-----	27,335	283,672	2,880	4,191	9,481	407	66,609	----- 329
-----	211,182	2,057,388	16,333	25,379	39,145	2,946	355,511	1,389 330



Table 2.—Personnel, attendance, and fiscal data for

GROUP III.—CITIES OF 10,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS									
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)	
			Men	Women	Boys	Girls				
1	2	3	4	5	6	7	8	9	10	
NORTH DAKOTA										
331		13	78	222	4,166	4,187	7,556	25.2	1,350	
332	Bismarck	8	26	55	1,235	1,246	2,109	26.0	380	
333	Grand Forks	3	35	84	1,677	1,627	2,941	24.7	529	
334	Minot	2	17	83	1,254	1,314	2,506	25.1	414	
OHIO										
335		45	153	990	2,971	54,088	52,698	97,905	24.7	17,482
336	Alliance	4	3	26	140	2,397	2,439	4,242	25.6	768
337	Ashland	1	6	25	69	1,342	1,299	2,517	26.8	453
338	Ashtabula	1	4	29	97	1,496	1,528	2,574	20.4	463
339	Barberton	5	11	42	118	2,114	2,032	3,774	23.6	687
340	Cambridge	2	7	16	77	1,271	1,220	2,227	23.9	401
341	Campbell	1	8	40	42	1,008	1,051	2,021	24.6	352
342	Chillicothe	1	6	28	107	1,985	1,912	3,585	26.6	656
343	Coshocton	22	7	13	59	987	1,008	1,810	25.1	319
344	Elyria	5	5	41	129	2,398	2,192	4,125	24.3	571
345	Findlay	6	10	37	98	1,728	1,683	3,210	23.8	751
346	Garfield Heights	3	5	16	67	1,024	1,059	1,940	23.4	341
347	Lancaster	3	7	28	105	2,168	1,935	3,755	28.2	672
348	Marietta	1	1	30	65	1,403	1,371	2,577	27.1	434
349	Martins Ferry	1	1	22	72	1,064	1,127	1,933	20.6	344
350	New Philadelphia	1	2	26	53	1,173	1,103	2,068	26.2	364
351	Painesville	3	3	31	66	1,060	1,135	2,072	21.4	373
352	Piqua	3	4	25	70	1,345	1,266	2,434	25.6	443
353	Salem	2	3	24	84	1,182	1,214	2,206	20.4	391
354	Tiffin	2	2	13	58	897	907	1,686	23.7	378
355	Wooster	2	3	20	54	1,032	1,069	1,909	25.8	338
356	Xenia	2	2	21	48	1,203	1,080	2,186	31.7	387
357	Other cities	7	53	437	1,293	23,811	23,068	43,054	24.9	7,796
OKLAHOMA										
358		13	138	329	1,579	29,743	28,212	50,386	26.4	9,066
359	Ada	3	9	21	87	1,726	1,656	2,764	25.6	498
360	Enid	12	38	149	2,689	2,617	4,676	25.0	844	
361	Lawton	1	13	19	153	3,310	3,015	4,936	28.7	890
362	McAlester	1	9	18	85	1,799	1,753	2,792	27.1	502
363	Okmulgee	3	20	78	1,690	1,529	2,741	28.0	493	
364	Stillwater	6	22	58	1,189	1,185	2,042	25.5	367	
365	Other cities	9	86	191	969	17,340	16,457	30,435	26.2	5,472
OREGON										
366		12	32	126	486	8,631	8,452	13,800	22.5	2,442
367	Bend	1	5	28	70	1,208	1,210	2,024	20.7	346
368	Eugene	3	14	46	182	3,393	3,264	5,291	23.2	935
369	Medford	3	4	29	87	1,939	1,885	3,066	26.4	549
370	Other cities	5	9	23	147	2,091	2,093	3,419	20.1	612
PENNSYLVANIA										
371		115	310	2,120	6,084	102,264	100,002	185,836	22.7	33,806
372	Aliquippa	2	6	49	121	2,264	2,275	4,076	24.0	734
373	Arnold	1	3	17	40	759	761	1,336	23.4	241
374	Bellevue	1	2	13	37	622	606	1,127	22.5	208
375	Bradford	5	2	37	103	1,966	1,967	3,484	24.9	620
376	Bristol	1	1	17	50	898	864	1,598	23.9	299
377	Canonsburg	1	4	14	68	1,092	1,101	2,067	25.2	372
378	Carlisle	5	2	31	71	1,360	1,380	2,472	24.2	457
379	Chambersburg	1	1	34	77	1,410	1,410	2,747	24.7	494
380	Charleroi	1	6	30	66	1,131	1,071	2,018	21.0	363
381	Cheltenham (P. O. Elkins Park)	1	9	37	104	1,424	1,367	2,526	17.9	473
382	Coatesville	1	6	40	95	1,620	1,588	2,870	21.3	534
383	Columbia	3	1	12	49	831	785	1,533	25.1	290
384	Connellsville	2	3	20	77	1,207	1,262	2,220	22.9	400
385	Conshohocken	22	2	57	753	686	1,385	23.5	256	
386	Darby	4	19	46	749	725	1,289	19.8	240	
387	Dormont	3	12	58	844	785	1,485	21.2	282	
388	Du Bois	2	4	18	55	894	791	1,567	21.5	282

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

to 29,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)		
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses					
Supervisors	Principals	Teachers, and other instructional staff	Clerks							
11	12	13	14	15	16	17	18	19		
-----	42,857	754,047	14,125	4,086	17,524	1,111	41,796	1,218	331	
-----	20,000	197,000	7,000	-----	-----	308	17,981	-----	366	332
-----	14,007	314,715	3,325	3,318	11,347	451	5,858	-----	771	333
-----	8,850	242,332	3,800	768	6,177	352	17,957	-----	81	334
183,442	594,709	10,904,241	174,966	233,110	477,375	17,723	2,603,861	16,600	335	
14,535	12,975	494,264	6,924	11,851	15,158	701	41,469	1,100	336	
3,147	19,892	256,069	3,055	5,700	12,691	475	34,811	228	337	
-----	15,500	321,357	5,354	4,915	11,674	509	100,733	162	338	
17,362	37,284	408,559	9,486	35,670	8,057	710	76,686	928	339	
7,390	18,650	214,637	1,466	-----	9,751	356	1,152	-----	340	
-----	30,786	239,221	1,540	3,284	11,842	381	28,217	490	341	
2,316	19,853	343,490	4,235	6,694	13,135	494	36,938	86	342	
-----	22,807	171,169	1,875	2,442	8,562	271	32,500	-----	343	
28,120	31,885	475,134	3,706	4,454	22,246	896	20,752	250	344	
24,656	38,728	343,188	3,069	6,671	29,100	590	49,964	1,141	345	
24,166	22,804	231,986	10,275	4,889	12,641	466	1,062	258	346	
9,275	23,320	368,200	3,544	6,872	3,220	660	21,335	299	347	
-----	4,568	256,004	4,925	3,867	10,594	369	601	118	348	
-----	4,333	217,508	1,455	0	10,576	316	24,325	739	349	
1,750	9,058	217,338	2,150	5,318	6,541	328	5,555	105	350	
-----	11,323	234,591	5,963	4,317	26,992	387	25,331	690	351	
7,863	10,149	236,006	1,635	3,899	15,754	377	6,692	813	352	
6,000	8,000	267,699	1,321	3,975	853	396	186,517	750	353	
-----	7,740	170,466	0	4,603	3,804	261	4,420	70	354	
-----	8,050	9,700	222,989	5,625	3,493	322	37,283	695	355	
-----	9,437	199,905	2,880	6,923	8,779	534	14,930	28	356	
28,812	225,917	5,014,461	94,483	101,273	234,757	8,124	1,851,688	7,650	357	
42,946	438,165	4,249,992	71,638	4,425	128,736	6,254	1,442,887	4,299	358	
9,536	28,342	227,820	3,630	-----	5,716	333	7,931	92	359	
-----	41,338	421,556	5,008	4,425	21,473	658	825,889	1,211	360	
2,400	34,827	426,499	2,500	-----	7,324	593	70	297	361	
-----	25,658	218,706	-----	-----	403	311	60,424	240	362	
-----	13,500	232,277	7,500	-----	20,150	341	320,000	175	363	
31,010	18,000	152,390	-----	-----	5,390	226	3,443	201	364	
-----	276,500	2,570,744	53,000	-----	68,280	3,792	225,130	2,083	365	
56,867	137,980	1,889,348	28,064	30,979	103,820	3,019	306,751	799	366	
3,500	18,551	270,849	2,283	300	13,882	399	48,385	-----	367	
19,705	67,924	739,931	14,594	9,987	45,752	1,190	159,111	139	368	
13,757	16,707	372,962	4,382	7,034	26,489	594	10,311	548	369	
19,905	34,798	505,606	6,805	13,658	17,697	836	88,944	112	370	
428,382	1,205,838	21,563,497	309,886	530,568	1,097,037	35,905	2,129,378	36,021	371	
8,012	27,958	495,415	12,421	8,225	30,113	851	54,461	721	372	
4,076	10,690	151,948	2,025	4,709	8,433	261	17,884	73	373	
-----	7,500	138,656	4,320	2,414	9,982	247	87,991	173	374	
15,200	9,300	369,966	7,368	8,881	36,789	637	21,167	369	375	
-----	3,941	174,620	1,400	6,075	1,294	279	5,715	58	376	
3,000	14,000	201,000	3,000	6,000	9,000	327	46,000	272	377	
12,669	6,726	222,672	1,483	9,787	13,574	350	25,402	232	378	
3,400	4,250	265,895	3,867	5,870	13,146	479	12,749	194	379	
3,629	18,266	256,638	2,898	4,504	18,460	326	12,907	228	380	
9,400	37,999	448,809	7,555	7,270	1,455	769	26,917	1,288	381	
3,438	20,998	332,470	7,346	7,294	16,423	569	34,200	318	382	
10,800	3,600	126,468	2,500	7,000	7,000	257	1,678	250	383	
7,507	11,500	249,895	6,665	5,902	0	411	26,114	-----	384	
-----	6,817	132,946	965	4,046	4,582	199	-----	88	385	
-----	14,491	170,450	-----	4,859	10,947	304	-----	73	386	
-----	11,817	196,017	5,975	10,249	1,255	344	5,512	561	387	
6,240	13,750	184,181	3,200	3,898	10,418	308	4,168	53	388	



Table 2.—Personnel, attendance, and fiscal data for

GROUP III.—CITIES OF 10,000

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days at tended (in thousands)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
389	Dunmore	1	8	24	77	1,485	1,405	2,657	26.3	502
390	Ellwood City	2	25	74	1,440	1,459	2,639	26.7	475	
391	Greensburg	3	5	30	97	1,710	1,736	3,135	24.7	564
392	Hanover	2	28	53	1,034	1,017	1,925	23.8	346	
393	Indiana	2	3	24	48	951	985	1,782	24.8	321
394	Jeannette	2	1	23	95	1,277	1,228	2,279	19.3	410
395	Kingston	1	1	35	106	1,551	1,498	2,786	19.8	515
396	Lansdowne	1	3	21	78	841	837	1,496	15.1	267
397	Latrobe	3	3	23	53	935	927	1,782	23.4	321
398	Lebanon	1	3	43	117	* 2,252	* 2,252	4,057	25.4	749
399	Lock Haven	2	2	32	51	* 1,150	* 1,151	2,034	24.5	370
400	Mahanoy City	4	4	57	57	610	565	1,093	19.2	202
401	McKees Rocks	4	13	57	* 924	* 863	* 1,555	22.2	* 289	423
402	Monessen	8	25	92	1,393	1,375	2,352	20.1	423	
403	Mount Carmel	1	2	21	59	887	763	1,539	19.2	279
404	Mt. Lebanon	3	6	39	132	2,005	1,958	3,963	23.2	640
405	Muhlenberg (P. O. Laurel- dale)	2	1	19	53	930	913	1,719	23.8	321
406	Munhall	5	27	81	* 1,260	* 1,261	2,292	21.1	413	
407	Oil City	3	4	66	52	1,446	1,500	2,722	23.1	490
408	Old Forge	7	25	39	889	837	1,576	24.6	284	
409	Phoenixville	1	2	18	52	909	776	1,547	22.1	283
410	Pottstown	7	4	36	103	* 1,743	* 1,743	3,122	22.5	590
411	Shamokin	1	31	75	1,142	1,055	2,044	19.3	368	
412	Shenandoah	3	11	66	783	798	1,455	18.9	269	
413	Steelton	2	27	55	821	888	1,548	18.9	300	
414	Tamaqua	2	2	20	42	1,012	971	1,857	30.0	352
415	Uniontown	2	3	39	98	1,531	1,609	2,981	21.8	537
416	Vandergrift	1	12	67	946	992	1,891	23.9	340	
417	Warren	2	32	72	1,422	1,381	2,498	24.0	450	
418	Washington	3	7	18	118	2,159	2,122	3,799	27.9	684
419	Waynesboro	2	2	19	45	811	799	1,513	23.6	281
420	West Chester	4	25	70	1,139	1,141	2,222	23.4	414	
421	Wilkinsburg	1	8	38	128	2,307	2,250	3,919	23.6	706
422	Other cities	53	136	849	2,448	40,745	39,523	74,257	22.5	13,506
423	RHODE ISLAND	18	37	150	589	9,781	9,171	16,725	23.1	2,991
424	Bristol	4	5	14	47	* 868	* 868	1,558	25.5	272
425	Central Falls	3	7	12	59	868	745	1,372	19.3	250
426	Cumberland (P. O. Valley Falls)	1	1	9	48	772	721	1,334	23.4	239
427	Warwick (P. O. Apponaug)	1	4	42	179	3,147	3,014	5,552	25.1	998
428	Westerly	3	2	22	53	947	846	1,556	20.7	283
429	West Warwick	2	2	13	57	953	912	1,556	22.2	283
430	Other cities	7	16	38	146	2,226	2,065	3,797	20.6	666
431	SOUTH CAROLINA	3	20	129	854	14,041	14,728	24,669	25.1	4,448
432	Florence	2	6	* 20	* 190	2,438	2,428	4,082	19.4	738
433	Greenwood	4	20	129	2,173	2,287	3,868	26.0	697	
434	Orangeburg	1	6	16	91	1,708	1,800	2,929	27.4	527
435	Sumter	4	15	114	1,863	2,123	3,394	26.3	615	
436	Other cities	58	330	5,859	6,090	10,396	10,396	29.0	2,871	
437	SOUTH DAKOTA	10	23	103	355	6,330	6,401	11,350	24.8	2,064
438	Aberdeen	2	4	24	86	1,525	1,524	2,726	24.8	501
439	Huron	1	4	18	57	899	980	1,776	23.7	329
440	Mitchell	3	6	18	57	896	944	1,756	23.4	323
441	Rapid City	3	7	26	92	1,883	1,840	3,095	26.2	558
442	Watertown	1	2	17	63	1,127	1,113	1,997	25.0	353
443	TENNESSEE	4	37	113	713	12,036	12,194	21,878	26.5	3,845
444	Bristol	1	7	17	100	1,607	1,521	2,915	24.9	516
445	Cleveland	2	4	4	74	1,255	1,297	2,345	30.1	401
446	Jackson	3	30	120	2,314	2,348	4,193	28.0	755	

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 29,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses			
Supervisors	Principals	Teachers, and other instructional staff	Clerks					
11	12	13	14	15	16	17	18	19
2,650	22,638	240,333		6,466	13,453	427	16,371	162,389
	9,740	291,212	3,953	7,648	11,554	419	10,069	49,390
10,092	18,870	343,790	3,424	7,147	28,570	575	45,936	340,391
	6,544	198,290	2,623	6,514	905	283	5,678	188,392
7,722	10,628	196,234	3,965	4,514	11,977	316	14,034	170,393
8,028	4,685	250,028	3,655	3,632	21,171	407	16,626	65,394
	4,108	359,333	1,080	6,865	18,467	582	69,260	65,395
3,908	12,590	220,239	4,133	5,602	1,478	350	1,694	409,396
	12,017	209,699	1,700	5,638	16,140	329	22,045	127,397
2,664	11,404	372,217	4,902	9,873	19,936	567	27,915	718,398
	6,858	188,683	1,550	4,600	22,200	316	10,024	35,399
2,604	11,158	136,138	1,200	1,929	8,074	230	2,610	145,400
	12,995	177,664		4,014	3,642	286	14,555	371,401
	28,640	351,168	4,461	14,286	23,657	594	7,297	265,402
2,058	7,616	152,807	2,766	3,321	1,131	237	2,726	165,403
11,844	28,700	556,687	15,916	8,208	21,845	887	166,615	1,496,404
4,850	3,600	179,386	1,700	2,400	11,198	278	7,588	186,405
	19,544	287,039	8,203	4,763	1,030	465	6,555	440,406
13,450	16,156	306,236	1,704	8,775	2,047	514	5,249	450,407
	21,050	130,164		4,511	3,616	226	49,942	94,408
3,278	7,304	181,057	2,941	4,132	14,683	283	62,841	215,409
16,800	17,265	304,323	3,200	9,301	17,076	573	10,053	437,410
	3,507	244,368	1,365	7,841	10,821	366	41,819	185,411
	9,408	176,005	1,147	3,104	2,570	283	1,720	312,412
	7,500	196,487	1,490	2,961	13,215	322	21,320	115,413
7,865	7,700	154,000	1,800	10,300	0	272	750	169,414
	13,399	368,285	7,376	6,054	23,641	667	225,725	633,415
	3,781	171,381	1,084	3,390	10,618	317		49,416
	8,929	286,829	3,638	5,315	12,289	430	10,670	311,417
10,266	24,500	336,678	6,100	6,005	16,937	555	12,962	719,418
8,009	9,779	157,910	2,433	11,135	1,951	254	3,471	192,419
	14,277	250,904	4,055	6,009	23,925	447	50,222	158,420
3,399	34,442	493,814	4,126	9,511	24,239	803	13,390	881,421
214,024	550,753	8,916,063	129,208	221,821	490,110	15,127	788,781	20,754,422
	68,690	2,015,384	16,358	43,698	83,027	3,201	58,062	2,154,423
23 20,000	23 25,000	23 174,838	23 5,000	2,579	7,942	293	949	424
10,236	22,500	182,548	3,049	8,214	3,386	296	2,632	393,425
	3,750	166,298		2,616	3,704	241	2,606	10,426
	4,117	648,186	3,474	12,166	30,869	923	42,570	931,427
6,420	8,583	207,275	3,213	3,143	8,609	327	3,742	441,428
	8,789	207,433		7,791	10,000	304	4,265	161,429
27,917	54,008	428,806	1,622	7,189	18,816	817	1,298	218,430
	12,263	1,828,318	8,510		55,383	2,608	478,144	1,394,431
8,763	19,432	302,608			18,025	476	103,928	567,432
	9,700	294,677	2,100		6,109	430	27,416	92,433
3,500	19,673	211,351	2,625		6,265	320	8,808	228,434
	18,087	297,996	3,785		8,246	405	258,275	113,435
		721,686			16,738	977	79,717	394,436
	37,842	1,107,755	10,749	21,354	41,383	1,825	56,183	325,437
7,000	14,000	285,841		6,129	13,698	462	11,597	140,438
3,500	14,000	181,021		3,436	5,880	289	5,994	25,439
10,825	19,484	187,322	1,914	2,820	11,127	319	6,450	70,440
10,842	18,257	271,626	6,327	5,785	3,193	463	21,734	90,441
5,675	8,842	181,945	2,508	3,184	7,485	292	10,408	442
	13,572	1,621,603	21,227	20,318	63,604	2,315	1,070,820	2,434,443
2,000	30,225	271,979	5,570	3,500	4,100	380	11,610	254,444
8,572	18,700	135,907	1,125	4,340	1,816	186		135,445
	8,183	288,917	2,444	9,768	3,270	366	136,832	831,446

Table 2.—Personnel, attendance, and fiscal data for

GROUP III.—CITIES OF 10,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
447 Johnson City.....		12	25	137	2,324	2,368	4,262	26.3	750
448 Kingsport.....		6	4	135	1,895	1,850	3,373	24.3	597
449 Other cities.....		1	5	33	2,641	2,810	4,790	26.6	826
450 TEXAS.....	22	203	552	3,140	56,590	54,849	92,919	25.2	16,294
451 Abilene.....	1	12	34	174	4,183	3,867	5,414	26.2	956
452 Cleburne.....		6	14	85	1,288	1,303	2,385	24.1	417
453 Corsicana.....	1	6	11	91	1,672	1,585	2,783	27.3	487
454 Greenville.....		5	16	65	1,324	1,291	2,315	28.6	424
455 Harlingen.....		10	7	<sup>24</sup> 128	2,308	2,137	3,578	26.5	633
456 Highland Park.....	<sup>22</sup> 1	7	24	149	2,181	2,061	3,779	21.8	662
457 Longview.....		<sup>22</sup> 10	34	124	<sup>6</sup> 2,650	<sup>6</sup> 2,650	4,100	25.9	738
458 McAllen.....		7	13	154	1,843	1,919	3,208	19.2	565
459 Marshall.....		11	18	120	2,888	2,285	4,345	31.5	778
460 Palestine.....		3	18	62	1,223	1,244	2,091	26.1	366
461 San Angelo.....	<sup>22</sup> 3	11	32	169	2,640	2,623	4,679	23.3	783
462 Sweetwater.....		6	16	68	1,272	1,226	2,123	25.3	371
463 Terrell.....		4	6	44	995	1,048	1,507	30.1	261
464 Texarkana.....		8	27	114	2,606	2,304	3,913	27.8	689
465 Tyler.....	4	10	27	170	3,044	2,993	5,027	25.5	880
466 Other cities.....	11	87	255	1,423	25,073	24,313	41,672	24.8	7,284
467 UTAH.....	4	15	80	155	4,434	4,137	7,699	32.8	1,349
468 Logan.....	2	7	32	59	1,635	1,401	2,624	28.8	451
469 Provo.....	2	8	48	96	2,799	2,736	5,075	35.2	898
470 VERMONT.....	4	8	67	253	4,525	4,379	7,797	24.4	1,383
471 Barre <sup>16</sup> .....		1	14	58	1,024	1,033	1,887	26.2	331
472 Brattleboro.....		1	13	50	834	832	1,474	23.4	259
473 Burlington.....	4	4	20	85	1,731	1,607	2,847	27.1	512
474 Rutland.....		2	20	60	936	857	1,589	19.9	281
475 VIRGINIA.....	13	27	73	440	6,916	7,135	12,763	24.9	2,318
476 Charlottesville.....	3	6	22	100	1,625	1,655	3,122	25.6	562
477 Fredericksburg.....	1	3	10	60	876	937	1,617	23.1	291
478 Martinsville.....	2	6	6	99	1,513	1,510	2,693	25.6	485
479 Staunton.....	4	3	11	53	863	938	1,591	24.9	287
480 Suffolk.....	1	6	10	63	924	961	1,712	23.5	322
481 Winchester.....	2	3	14	65	1,115	1,134	2,028	25.7	371
482 WASHINGTON.....	35	98	470	1,371	29,462	27,315	45,890	24.9	8,252
483 Aberdeen.....	2	5	51	92	2,183	1,903	3,331	23.3	600
484 Bellingham.....	3	10	46	157	3,051	3,004	5,199	25.6	936
485 Bremerton.....	9	16	69	223	4,438	4,018	6,725	23.0	1,210
486 Hoquiam.....	1	7	13	60	1,189	1,177	1,974	27.0	356
487 Longview.....	3	8	45	104	2,835	2,561	4,191	28.1	743
488 Olympia.....	2	6	39	89	1,937	2,012	3,326	26.0	585
489 Vancouver.....	8	17	76	268	5,355	4,735	8,070	23.5	1,456
490 Walla Walla.....	<sup>22</sup> 2	<sup>22</sup> 9	26	93	1,778	1,723	2,842	23.9	512
491 Wenatchee.....		7	30	105	2,328	2,029	3,443	25.5	619
492 Yakima.....	5	13	75	180	4,368	4,153	6,789	26.6	1,235
493 WISCONSIN.....	35	104	630	1,735	30,894	30,062	55,017	23.3	10,050
494 Appleton.....	5	<sup>22</sup> 5	47	135	2,445	2,384	4,310	23.7	750
495 Beaver Dam.....	<sup>22</sup> 2	1	18	46	780	786	1,497	23.4	277
496 Beloit.....		<sup>22</sup> 18	65	147	3,012	2,941	5,319	25.1	1,011
497 Cudahy.....	1	4	17	41	759	768	1,314	22.7	248
498 Janesville.....	6	7	25	103	2,066	2,137	3,649	28.5	671
499 Manitowoc.....	1	5	47	104	1,970	1,876	3,609	23.9	660
500 Marinette.....	1	1	16	66	1,109	1,048	2,020	24.6	372
501 Marshfield.....		<sup>22</sup> 2	19	41	754	698	1,335	22.3	234
502 Menasha.....		1	15	41	669	601	1,066	19.0	197

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

to 29,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks			15	16	17	18
11	12	13	14	15	16	17	18	19	
-----	42,000	332,704	2,991	-----	19,933	483	7,071	-----	447
-----	18,733	270,278	7,809	-----	18,345	424	908,669	-----	1,214
-----	3,000	321,818	1,288	-----	16,140	476	6,638	-----	449
-----	74,960	9,476,708	132,160	-----	333,547	13,282	2,566,319	-----	20,595
-----	<sup>23</sup> 3,200	<sup>23</sup> 43,200	<sup>23</sup> 595,682	<sup>23</sup> 5,000	<sup>23</sup> 31,473	797	14,920	-----	451
-----	2,591	<sup>23</sup> 18,500	<sup>23</sup> 241,000	2,700	3,000	312	17,000	-----	452
-----	-----	19,099	243,033	2,833	4,070	330	10,740	-----	1,050
-----	-----	20,350	189,577	900	3,650	247	1,000	-----	445
-----	-----	23,538	309,166	-----	7,936	447	190,972	-----	1,142
-----	3,540	32,200	627,785	-----	18,045	372	38,923	-----	867
-----	3,500	35,600	352,378	-----	-----	-----	4,017	-----	481
-----	-----	20,270	408,822	1,624	-----	-----	10,980	-----	513
-----	-----	32,368	325,178	5,295	-----	-----	12,768	-----	438
-----	-----	10,200	194,002	3,038	-----	-----	14,498	-----	270
-----	10,301	34,633	518,881	7,133	-----	-----	23,479	-----	694
-----	-----	17,200	209,852	3,210	-----	-----	6,847	-----	319
-----	-----	12,089	126,671	-----	-----	-----	9,287	-----	178
-----	-----	41,396	361,503	10,784	1,177	-----	582	-----	305,599
-----	13,322	30,611	524,475	17,368	-----	-----	748	-----	253,172
-----	38,506	334,931	4,248,703	54,230	1,609	-----	132,122	6,060	278,248
-----	15,324	57,007	714,508	14,690	5,473	-----	87,921	1,198	262,468
-----	6,955	21,935	254,424	3,425	5,473	-----	20,036	416	16,012
-----	8,369	35,072	460,084	11,265	-----	-----	67,885	782	246,456
-----	18,075	31,576	759,186	14,513	16,047	-----	43,093	1,203	35,876
-----	-----	3,600	128,296	1,551	3,159	-----	9,914	203	1,841
-----	-----	4,966	161,297	2,132	5,729	-----	12,275	251	29,010
-----	18,075	14,490	271,376	7,448	4,556	-----	11,628	420	2,871
-----	-----	8,520	198,217	3,382	2,603	-----	9,276	329	2,154
-----	38,710	86,865	1,099,475	21,757	1,538	-----	71,846	1,712	405,806
-----	9,640	20,155	253,749	6,299	-----	-----	24,424	385	52,673
-----	4,000	7,266	160,334	-----	-----	-----	10,986	236	107,000
-----	3,485	19,000	261,419	6,775	-----	-----	16,462	428	211,102
-----	10,330	13,153	124,704	4,888	251	-----	4,681	226	22,957
-----	2,500	17,593	146,115	-----	-----	-----	6,679	208	5,421
-----	8,755	9,698	153,154	3,795	1,287	-----	8,614	229	6,553
-----	164,324	423,658	6,023,333	185,366	90,190	-----	457,971	10,233	770,342
-----	10,965	25,788	473,493	16,113	4,619	-----	38,861	782	103,412
-----	20,926	39,302	651,098	13,079	10,624	-----	24,972	1,001	7,703
-----	46,450	77,326	951,636	33,160	13,810	-----	96,915	1,810	135,233
-----	5,224	28,273	227,534	3,287	4,916	-----	15,119	394	13,000
-----	13,012	39,304	498,674	20,975	8,331	-----	34,303	880	72,647
-----	7,212	31,449	411,249	11,624	4,846	-----	27,493	651	80,214
-----	29,885	70,261	1,104,301	53,013	10,482	-----	131,703	2,070	120,999
-----	7,475	32,783	357,657	2,069	11,779	-----	24,184	585	35,190
-----	-----	24,700	457,845	9,526	7,278	-----	27,434	671	25,023
-----	23,175	54,472	889,846	22,520	14,225	-----	36,987	1,389	177,821
-----	153,675	408,388	6,581,485	157,321	62,282	-----	427,317	10,658	570,815
-----	24,447	20,966	431,207	6,905	-----	-----	44,544	745	43,827
-----	7,501	4,942	162,524	4,957	3,956	-----	13,351	263	7,174
-----	-----	58,643	690,127	20,704	6,699	-----	33,576	1,092	91,891
-----	4,416	16,382	173,423	2,208	-----	-----	15,822	307	1,490
-----	17,655	26,490	404,028	5,843	4,687	-----	27,446	605	27,070
-----	4,031	21,786	451,660	9,966	5,231	-----	24,122	719	11,437
-----	7,475	4,305	193,157	1,896	4,509	-----	8,657	283	1,000
-----	-----	7,441	150,091	4,638	-----	-----	19,428	269	10,364
-----	-----	4,000	145,418	4,560	876	-----	6,162	226	3,761



Table 2.—Personnel, attendance, and fiscal data for

GROUP III.—CITIES OF 10,000

City		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
				Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10	
503	Two Rivers.....	1	1	20	32	572	569	1,109	21.3	206
504	Watertown.....	2	1	13	43	809	833	1,458	26.0	265
505	Waukesha.....	1	9	39	107	2,048	2,103	3,571	24.5	664
506	Wausau.....	11	52	151	2,414	2,426	4,614	22.7	817	
507	Wauwatosa.....	3	9	51	146	2,454	2,384	4,067	20.6	744
508	Wisconsin Rapids.....	1	1	23	63	1,091	1,051	1,861	21.6	329
509	Other cities.....	12	28	163	469	7,942	7,457	14,218	22.5	2,605
510	WYOMING.....	3	30	93	448	8,100	7,764	13,323	24.6	2,366
511	Cheyenne.....	2	11	27	164	3,323	3,161	5,363	28.1	944
512	Laramie.....	22	4	20	55	1,130	1,071	1,822	24.3	322
513	Other cities.....	1	15	46	229	3,647	3,532	6,138	22.3	1,100

See footnotes at end of table.



## public-school systems, by State and by city, 1947-48—Continued

TO 29,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools (in thousands)	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
-----	4,420	154,008	2,226	2,400	9,629	247	9,226	22	503
8,570	3,913	155,562	2,836	2,049	8,265	228	185,525	257	504
3,900	34,381	427,655	14,446	-----	23,590	660	53,593	20	505
-----	38,941	482,821	10,212	6,273	25,877	730	15,410	-----	506
12,934	40,972	634,591	26,700	-----	15,262	986	10,871	-----	507
2,350	4,950	205,693	4,239	2,655	11,977	405	4,813	450	508
60,396	115,856	1,719,520	34,985	22,947	139,609	2,893	92,363	157	509
12,340	119,580	1,497,702	10,351	33,946	64,544	2,443	82,788	2,078	510
9,382	32,236	520,009	10,351	9,777	27,471	820	45,105	1,482	511
-----	17,810	209,538	-----	3,766	7,938	305	17,382	320	512
2,958	69,534	768,155	-----	20,403	29,135	1,318	20,301	276	513

Table 2.—Personnel, attendance, and fiscal data for

GROUP IV.—CITIES OF 5,000

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
1	Continental United States	486	2,300	10,627	39,108	704,497	692,759	1,220,446	24.5	219,819
2	ALABAMA		28	72	673	11,821	11,789	20,484	27.5	3,678
3	Alexander City		5	7	72	1,215	1,117	1,652	20.9	261
4	Jasper		2	2	38	565	608	1,080	27.0	189
5	Opelika		2	7	65	1,238	1,199	2,069	28.7	372
6	Sheffield		4	4	62	991	1,008	1,760	26.7	310
7	Tuscumbia		3	2	50	715	705	1,325	25.5	232
8	Other cities		12	50	386	7,097	7,152	12,598	28.9	2,314
9	ARIZONA	10	36	180	486	11,281	11,121	18,530	27.8	3,262
10	Bisbee		6	15	63	1,030	1,030	1,733	22.2	307
11	Douglas	1	8	26	69	1,517	1,440	2,485	26.2	445
12	Globe		3	9	46	1,205	1,190	1,845	33.5	327
13	Mesa		2	8	38	74	2,925	3,543	31.6	627
14	Nogales		1	1	13	37	740	1,208	24.2	217
15	Other cities		7	10	79	4,667	4,753	7,716	28.0	1,339
16	ARKANSAS	1	42	109	676	13,827	13,646	21,785	27.8	4,723
17	Camden (Secondary)		2	4	51	472	473	822	14.9	148
18	Forrest City		4	18	103	2,591	2,596	3,575	29.5	593
19	Paragould		2	5	40	834	763	1,306	29.0	235
20	Stuttgart		1	7	34	489	475	880	21.5	155
21	Van Buren		2	10	45	1,099	1,098	1,566	28.5	282
22	Other cities		33	65	403	8,342	8,241	13,636	29.1	3,310
23	CALIFORNIA	27	180	911	2,857	54,055	51,952	98,350	26.1	16,902
24	Antioch		5	15	59	1,134	1,227	2,192	29.6	388
25	Arcadia		4	15	58	1,127	1,028	2,022	27.7	354
26	Coronado		2	10	66	793	787	1,422	18.7	249
27	Grass Valley		2	1	57	946	841	1,763	30.4	309
28	Watsonville		4	22	68	1,493	1,477	2,570	28.6	455
29	Other cities		27	163	848	2,549	48,592	88,381	26.0	15,147
30	COLORADO		29	136	431	7,535	7,329	13,895	24.5	2,460
31	Alamosa		2	9	41	696	705	1,340	26.8	241
32	Durango		2	17	38	735	706	1,400	25.5	253
33	La Junta		3	24	67	1,215	1,097	2,224	24.4	400
34	Longmont		6	21	49	1,067	1,064	1,788	25.5	322
35	Sterling		3	4	39	449	424	820	19.1	147
36	Other cities		13	61	197	3,373	3,333	6,323	24.5	1,097
37	CONNECTICUT	3	19	58	262	4,325	4,234	7,684	24.0	1,382
38	Griswold (P.O. Jewett City)		2	8	24	312	340	557	17.4	100
39	Putnam		1	6	29	487	506	864	24.7	149
40	Stafford Springs		2	4	31	408	431	761	21.7	138
41	Vernon (P. O. Rockville)		3	13	40	720	657	1,299	24.5	237
42	Winchester (P. O. Winsted)		2	2	48	578	564	1,040	20.8	188
43	Other cities		1	9	25	1,820	1,736	3,163	27.5	570
44	DELAWARE		3	21	46	563	591	1,087	16.2	196
45	Dover		3	21	46	563	591	1,087	16.2	196
46	GEORGIA	2	33	103	753	13,529	13,891	23,085	27.0	4,062
47	Americus		1	14	62	1,039	1,242	1,882	24.8	332
48	Carrollton		5	2	44	747	881	1,407	30.6	247
49	Cedartown		7	9	66	1,238	1,244	2,084	27.8	365
50	Fitzgerald		2	3	53	790	844	1,506	26.9	264
51	Thomaston		7	14	89	1,584	1,634	2,801	27.2	484
52	Other cities		2	12	61	439	8,046	13,405	26.8	2,370
53	IDAHO		6	20	87	1,749	1,658	2,980	27.9	503
54	Caldwell		3	10	47	1,131	1,087	1,867	32.7	310
55	Moscow		3	10	40	618	571	1,113	22.3	193

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 9,999 POPULATION

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Supervisors	Salaries and wages			Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Principals	Teachers, and other instructional staff	Clerks							
11	12	13	14	15	16	17	18	19	
1,746,674	8,139,192	126,556,852	1,511,406	1,933,658	7,188,738	204,774,305	26,959,960	168,184	1
	93,273	1,568,170	7,310	1,263	40,702	2,135,119	376,650	196	2
	17,012	133,014		1,263	4,041	204,724	6,451		3
	6,000	60,000			854	93,791	2,780		4
	7,200	146,861			7,581	206,268	22,113		5
	14,780	149,058	3,010		2,532	244,557	2,501		6
	6,600	101,637	1,600		1,129	141,233	32,170	125	7
	41,681	977,600	2,700		24,565	1,244,546	310,635	71	8
38,829	143,580	2,082,763	23,020	3,790	154,308	3,418,905	431,367	1,587	9
	20,307	213,903	1,785		5,722	341,862	17,296		10
3,520	32,479	308,195	1,473		9,625	461,105	10,536		11
	13,000	203,528	4,315	424	9,026	399,967	3,152	220	12
4,865	30,916	314,754	3,990		15,362	504,227	26,691	103	13
4,339	4,144	168,557	1,800	35	4,347	248,529			14
26,105	42,734	873,826	9,657	3,331	110,226	1,463,215	373,692	1,264	15
5,049	101,701	1,314,094	11,991	8,274	19,901	2,069,303	509,883	2,333	16
	7,434	115,653	375		1,498	143,894	22,194	42	17
	10,182	188,335	1,664	5,000	4,000	379,267	17,892	182	18
	213,000	72,696	3,588		1,000	96,804	3,400	266	19
5,049	4,425	68,583	1,742	1,326		105,170	5,451	101	20
	213,000	97,000	1,200		3,000	141,020	24,800	90	21
	73,600	771,827	3,422	1,948	10,403	1,198,148	436,146	1,652	22
104,980	847,518	12,183,530	157,923	90,851	1,259,292	20,189,977	4,296,446	22,335	23
	16,540	231,511	16,138	3,494	32,427	400,789	48,456	490	24
	16,000	241,102			18,152	406,478	447,353	1,048	25
	10,000	245,770			28,008	373,104	3,856	131	26
	7,000	84,201			9,853	168,968	34,426	79	27
104,980	14,075	344,868	13,634	8,733	44,271	586,092	52,212	1,145	28
	783,903	11,036,078	128,151	78,624	1,125,981	18,254,546	3,710,143	19,442	29
	85,207	1,303,040	11,892	23,650	48,146	1,962,126	144,634	1,765	30
	6,850	114,884	1,600		3,700	164,948	5,223	97	31
	7,728	121,581		8,726		192,826	1,914	80	32
	10,527	203,768	1,250		2,933	305,404	1,378	529	33
	15,573	177,341	2,654		7,826	264,738	5,517	696	34
	9,084	107,333		779	5,264	162,211	2,438	89	35
	35,445	578,133	6,388	14,145	28,423	871,999	128,164	274	36
8,636	62,604	801,626	8,500	32,984	31,781	1,347,816	153,093	386	37
	213,500	80,665		3,247	5,022	136,331	3,538		38
3,000	10,307	92,409	1,558	2,675	5,541	162,587	5,758		39
2,686	3,636	81,686	2,173	2,084	4,032	142,098	2,030	45	40
	10,617	147,456	1,450	9,782	524	222,495	1,500	166	41
	216,065	114,262		4,024	4,846	175,159	6,052	103	42
2,950	28,479	285,148	3,319	11,172	11,816	509,146	134,215	72	43
	10,450	178,712		2,525	6,705	256,796	5,765	160	44
	10,450	178,712		2,525	6,705	256,796	5,765	160	45
5,430	85,468	1,484,927	5,220		47,037	2,147,312	350,697	592	46
	2,000	119,728			776	154,865	2,066		47
	10,000	78,389	1,620		1,526	119,585	1,155		48
	14,424	135,659	900		1,588	201,336	286,183	303	49
	212,500	93,359			3,657	117,936			50
	20,415	189,693	1,800		6,355	312,786	13,582		51
5,430	36,129	868,099	900		33,135	1,240,804	47,711	289	52
	13,364	185,853	1,460	3,193	9,541	335,324	26,715	286	53
	8,279	128,861	1,460	3,193	6,051	204,093	12,224	286	54
	5,085	56,992			3,490	131,231	14,491	(*)	55

Table 2.—Personnel, attendance, and fiscal data for

GROUP IV.—CITIES OF 5,000

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
56	ILLINOIS.....	22	143	771	2,416	42,452	42,016	73,425	23.0	13,674
57	Batavia.....		1	9	38	610	591	1,093	23.3	205
58	Charleston.....		6	12	38	611	542	1,026	20.5	194
59	Edwardsville.....		1	16	58	833	790	1,600	21.6	299
60	Flora.....	1	1	7	22	402	339	668	23.0	130
61	Madison.....		5	15	47	1,049	1,149	1,961	31.6	367
62	Monmouth.....		6	16	51	816	843	1,473	22.0	270
63	Other cities.....	21	123	696	2,162	38,131	37,762	65,604	23.0	12,209
64	INDIANA.....	23	84	430	1,048	22,360	22,367	39,010	26.4	6,901
65	Auburn.....		2	12	30	540	533	944	22.5	168
66	Brazil.....		5	14	38	779	833	1,434	27.6	254
67	Clinton.....	1	2	11	28	631	609	1,097	28.1	194
68	Franklin.....	3	2	17	32	654	597	1,059	21.6	186
69	Valparaiso.....	2	3	15	42	929	907	1,598	23.9	279
70	Wabash.....		2	18	49	906	960	1,595	23.8	284
71	Other cities.....	17	68	343	829	17,921	17,928	31,283	26.7	5,536
72	IOWA.....	6	50	243	915	15,056	14,567	25,972	22.4	4,622
73	Albia.....		5	8	32	696	569	1,063	26.6	187
74	Cedar Falls.....		22	14	57	915	901	1,571	22.1	278
75	Knoxville.....	22	1	9	34	655	707	1,224	28.5	219
76	Oelwein.....	22	2	12	39	624	616	1,109	21.7	120
77	Perry.....	22	2	10	36	571	592	1,024	22.3	183
78	Washington.....		5	14	34	557	573	1,005	20.9	182
79	Other cities.....	2	31	176	683	11,038	10,609	18,976	22.1	3,453
80	KANSAS.....	5	49	201	621	11,480	11,075	19,734	24.0	3,493
81	Concordia.....		1	13	36	622	628	1,099	22.4	194
82	Dodge City.....	1	8	33	70	1,377	1,270	2,379	23.1	416
83	Garden City.....	2	1	17	54	1,113	1,002	1,771	24.9	315
84	Great Bend.....	1	5	21	57	1,189	1,144	2,002	25.7	360
85	Junction City.....		22	11	57	1,134	1,128	1,806	26.6	313
86	Pratt.....		4	23	37	894	733	1,468	24.5	259
87	Other cities.....	1	25	83	310	5,151	5,120	9,209	23.4	1,636
88	KENTUCKY.....	58	125	693	12,345	12,350	21,397	21,397	26.2	3,926
89	Bellevue.....		2	10	26	453	396	770	21.4	154
90	Corbin.....		4	7	32	721	747	1,357	34.8	239
91	Glasgow.....		1	6	37	679	679	1,286	29.9	224
92	Jenkins.....		7	11	37	1,115	1,157	1,957	40.8	346
93	Ludlow.....		2	6	24	333	349	605	20.2	111
94	Mayfield.....		6	8	47	740	770	1,356	24.7	235
95	Other cities.....		36	77	490	8,184	8,136	14,066	24.8	2,617
96	MAINE.....	2	24	99	423	7,578	7,626	13,735	26.3	2,449
97	Belfast.....		1	8	29	596	589	1,089	29.4	185
98	Brewer.....		1	15	39	694	738	1,293	23.9	232
99	Gardiner.....		8	5	42	671	671	1,334	28.4	240
100	Old Town.....	2	2	11	38	765	762	1,343	27.4	241
101	Rockland.....		1	14	48	872	860	1,500	24.2	274
102	Saco.....		21	4	42	637	521	1,062	25.3	179
103	Other cities.....		10	46	185	3,273	3,415	6,114	26.5	1,098
104	MASSACHUSETTS.....	62	95	264	1,234	20,016	19,370	35,996	24.0	6,377
105	Abington.....		3	7	30	487	490	912	24.6	161
106	Concord.....	1	3	18	44	684	664	1,180	19.0	213
107	Hudson.....	3	1	8	32	559	425	927	23.2	166
108	Ipswich.....	2	2	4	36	504	481	902	22.6	159
109	Mansfield.....		2	7	37	532	581	1,031	23.4	181
110	Middleboro.....	2	4	16	49	909	891	1,655	25.5	285
111	Other cities.....	54	80	204	1,006	16,341	15,838	29,389	24.3	5,212

See footnotes at end of table.



## public-school systems, by State and by city, 1947-48—Continued

TO 9,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)		
Supervisors	Salaries and wages			Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses					
	Principals	Teachers, and other instructional staff	Clerks							
11	12	13	14	15	16	17	18	19		
113,277	520,212	8,603,896	64,210	93,938	462,561	14,382,416	2,871,938	20,874	56	
-----	3,525	121,738	966	3,751	5,291	182,966	12,489	730	57	
-----	16,950	121,983	-----	300	14,396	191,287	-----	-----	58	
-----	5,000	215,000	3,500	100	8,700	327,300	8,000	65	59	
2,100	2,400	60,730	1,200	225	8,143	107,102	-----	30	60	
-----	17,640	148,890	3,300	7,964	1,242	283,000	59,038	960	61	
-----	16,812	150,219	2,100	720	9,493	245,587	23,466	86	62	
111,177	457,885	7,785,336	53,144	80,878	415,296	13,045,174	2,768,945	19,003	63	
-----	80,303	345,269	4,381,341	41,519	3,841	178,137	6,495,308	363,683	958	64
-----	-----	216,911	131,404	1,029	-----	3,126	187,260	1,473	-----	65
-----	-----	21,846	125,666	-----	-----	5,756	213,823	137,229	88	66
-----	2,935	9,278	119,118	810	-----	2,256	172,705	816	11	67
-----	10,389	8,212	126,042	3,000	-----	21,965	210,779	1,015	63	68
-----	6,146	15,838	175,503	2,043	-----	6,230	258,723	7,561	2	69
-----	-----	7,765	177,250	-----	-----	6,125	255,107	579	20	70
-----	60,833	275,419	3,826,088	34,637	3,841	132,679	5,196,911	215,010	774	71
-----	21,469	172,961	2,719,594	23,045	14,993	156,098	4,344,671	288,995	3,022	72
-----	-----	13,431	84,449	875	-----	4,038	146,061	3,239	26	73
-----	-----	14,946	158,403	1,175	3,246	9,105	255,345	33,448	118	74
-----	3,000	3,065	113,291	-----	-----	8,239	169,691	19,392	139	75
-----	8,693	7,600	140,162	1,580	-----	4,915	224,399	10,412	71	76
-----	3,976	7,859	109,730	1,420	-----	10,728	198,786	18,964	203	77
-----	-----	13,932	118,948	4,058	-----	9,041	201,836	3,504	-----	78
-----	5,800	112,128	1,994,611	13,937	11,747	110,032	3,148,553	200,036	2,465	79
-----	15,448	155,024	1,836,094	25,498	125	162,224	2,841,618	186,558	1,808	80
-----	-----	1,528	114,055	-----	-----	12,146	169,627	1,365	28	81
-----	3,400	18,350	265,008	4,401	-----	16,076	381,835	38,718	606	82
-----	5,372	4,442	170,142	-----	-----	8,018	259,290	49,396	-----	83
-----	2,600	18,590	182,830	3,147	-----	11,246	275,404	6,115	632	84
-----	-----	16,743	150,065	1,777	15	9,406	234,385	25,000	364	85
-----	-----	14,108	152,354	3,685	-----	8,643	230,226	4,796	58	86
-----	4,076	81,263	801,640	12,488	110	96,689	1,290,851	61,168	120	87
-----	-----	149,004	1,538,951	4,896	-----	52,212	2,428,093	85,458	738	88
-----	-----	7,842	84,239	80	-----	4,199	148,989	-----	60	89
-----	-----	9,399	72,101	-----	-----	2,010	107,624	1,504	32	90
-----	-----	3,180	70,992	-----	-----	1,335	92,352	1,375	22	91
-----	-----	18,636	91,560	-----	-----	1,133	153,590	7,311	8	92
-----	-----	5,500	63,938	-----	-----	1,038	101,704	1,558	30	93
-----	-----	11,864	90,712	-----	-----	2,026	151,481	1,735	45	94
-----	-----	92,583	1,065,409	4,816	-----	40,471	1,672,353	71,975	541	95
-----	6,550	65,243	1,026,614	4,398	40,979	49,185	1,678,846	-----	386	96
-----	-----	3,500	65,068	-----	1,898	2,740	101,278	-----	97	97
-----	-----	3,900	98,095	-----	3,249	3,622	164,623	-----	98	98
-----	-----	16,000	76,319	-----	7,518	-----	122,138	-----	99	99
-----	-----	7,400	107,220	500	3,754	-----	174,567	-----	135	100
-----	-----	2,300	148,141	1,800	3,410	-----	178,471	-----	101	101
-----	-----	213,000	81,621	2,098	2,377	-----	140,658	-----	5	102
-----	-----	29,143	450,150	-----	18,773	42,823	797,111	-----	246	103
-----	209,726	337,458	3,794,521	40,173	110,524	176,033	6,639,557	405,673	284	104
-----	-----	9,300	87,700	714	1,896	2,256	142,508	1,803	107	105
-----	2,133	11,370	149,171	4,488	3,807	8,756	258,582	6,584	-----	106
-----	9,649	3,645	111,176	3,740	7,060	-----	178,147	-----	-----	107
-----	4,830	6,213	87,835	-----	2,003	3,166	154,794	3,328	42	108
-----	-----	6,770	105,125	150	1,632	6,746	163,748	365	-----	109
-----	6,100	13,050	151,762	4,012	3,605	4,572	248,297	720	-----	110
187,014	287,110	3,101,752	27,069	90,521	150,537	5,493,481	392,873	135	111	111



Table 2.—Personnel, attendance, and fiscal data for

GROUP IV.—CITIES OF 5,000

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS									
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)	
				Men	Women	Boys	Girls				
	1	2	3	4	5	6	7	8	9	10	
112	MICHIGAN.....	22	82	509	1,519	29,337	30,172	52,106	25.7	9,893	
113	Albion.....	22 1	3	14	55	1,005	1,025	1,896	27.5	360	
114	Berkley.....		4	11	63	1,505	1,538	2,694	36.4	512	
115	Charlotte.....		2	12	34	688	688	1,260	27.4	228	
116	Ishpeming.....		1	17	51	794	737	1,378	20.3	254	
117	Sturgis.....		22 1	18	42	841	797	1,413	23.6	281	
118	Trenton.....		4	23	37	859	863	1,408	23.5	281	
119	Other cities.....	21	67	414	1,237	23,645	24,524	42,057	25.5	7,977	
120	MINNESOTA.....	15	52	376	1,330	23,452	23,085	40,974	24.0	7,095	
121	Alexandria.....		22 1	13	48	800	866	1,460	23.9	250	
122	Bemidji.....		3	23	60	1,041	1,089	1,801	21.7	312	
123	Chisholm.....		1	4	9	766	728	1,317	18.3	233	
124	Detroit Lakes.....		22 1	10	38	620	621	1,067	22.2	184	
125	Moorhead.....		2	13	54	925	997	1,684	25.1	292	
126	St. Peter.....		1	9	26	510	449	857	24.5	148	
127	Other cities.....	14	40	299	1,041	18,790	18,335	32,788	24.5	5,676	
128	MISSISSIPPI.....	3	50	78	637	12,520	12,547	21,452	30.0	3,867	
129	Brookhaven.....		3	7	54	1,253	1,358	2,031	33.3	366	
130	Columbia.....		3	8	40	826	865	1,407	29.3	252	
131	Grenada.....		2	1	2	47	903	932	1,618	33.0	301
132	McComb.....		6	2	53	872	868	1,357	24.7	242	
133	Pascagoula.....		6	15	92	1,600	1,542	2,680	25.0	482	
134	Tupelo.....		6	7	78	1,504	1,270	2,556	30.1	460	
135	Other cities.....	1	25	37	273	5,562	5,712	9,803	31.6	1,764	
136	MISSOURI.....	13	64	196	868	17,112	16,714	28,302	26.6	5,140	
137	Charleston.....	22 2	3	8	34	649	705	1,247	29.7	225	
138	Ferguson.....		1	4	18	51	1,123	994	1,751	25.4	402
139	Lexington.....		1	8	28	478	476	863	24.0	150	
140	Marshall.....		22 5	12	42	686	650	1,227	22.7	221	
141	Mexico.....		4	5	7	905	915	1,626	27.1	293	
142	Trenton.....		4	2	8	45	630	625	1,061	20.0	191
143	Other cities.....	2	44	135	615	12,641	12,349	20,527	27.4	3,652	
144	MONTANA.....	7	19	88	283	4,774	4,709	8,633	23.3	1,537	
	Bozeman:										
145	Elementary District.....	3	5	4	41	694	645	1,208	26.8	217	
146	High-School District.....		1	15	13	278	287	516	18.4	93	
147	Havre.....	22 2	22 4	15	46	737	717	1,321	21.7	235	
	Kalispell:										
148	Elementary District.....		22 2	6	47	789	715	1,392	26.3	245	
149	High-School District.....		21 1	21	13	408	470	786	23.1	135	
	Miles City:										
150	Elementary District.....		21 1	2	35	514	441	868	23.5	154	
151	High-School District.....		1	10	14	211	279	458	19.1	80	
152	Other cities.....	2	4	15	74	1,143	1,155	2,084	23.4	378	
153	NEBRASKA.....	5	13	75	340	5,760	5,667	10,006	24.1	1,782	
154	Columbus.....		1	9	40	660	665	1,175	24.0	212	
155	Falls City.....		22 1	11	39	624	575	1,127	22.5	198	
156	Fairbury.....		22 1		45	620	615	1,103	24.5	198	
157	Kearney.....		3	15	57	1,019	1,012	1,657	23.0	298	
158	Nebraska City.....		3	1	8	41	655	639	1,166	23.8	210
159	York.....			8	36	558	544	963	21.9	173	
160	Other cities.....	2	6	24	82	1,624	1,617	2,815	26.6	493	
161	NEVADA.....	3	9	45	144	3,563	3,336	5,392	28.5	960	
162	Las Vegas (Union District).....	3	6	32	107	2,603	2,463	4,105	29.5	731	
163	Sparks.....		3	13	37	960	873	1,287	25.7	229	

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 9,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
67,673	302,172	5,389,785	54,796	81,675	342,604	8,717,175	523,605	2,959	112
2,605	11,818	183,922	1,500	2,235	2,416	273,047	11,642	172	113
-----	16,250	225,185	1,939	5,955	8,245	333,276	129,874	321	114
-----	7,000	116,606	2,051	1,895	11,212	219,235	19,275	73	115
-----	4,266	149,647	1,200	1,037	6,866	230,351	4,681	31	116
-----	4,500	170,925	1,686	-----	4,398	259,092	3,174	-----	117
-----	18,723	203,677	4,476	2,722	12,809	374,817	21,000	50	118
65,068	239,615	4,339,823	41,944	67,831	296,658	7,027,357	333,959	2,312	119
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
64,223	209,289	4,557,579	72,078	175,142	361,313	8,118,129	1,081,258	7,069	120
-----	3,304	130,318	3,465	4,580	13,657	219,872	20,448	306	121
-----	14,496	196,594	3,870	6,007	20,854	356,711	3,971	-----	122
3,532	15,110	208,284	16,405	2,082	16,848	500,647	1,219	645	123
-----	4,381	84,475	-----	27,531	-----	179,129	-----	200	124
-----	10,040	189,650	-----	5,418	16,834	331,605	71,408	-----	125
-----	3,506	72,594	-----	5,534	8,646	125,469	6,797	-----	126
60,691	158,452	3,675,664	48,338	123,990	284,474	6,404,696	977,415	5,918	127
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7,220	114,745	1,072,172	13,698	-----	41,960	1,636,795	1,044,031	707	128
-----	7,000	93,000	1,950	-----	555	137,535	-----	-----	129
-----	7,050	73,046	-----	-----	4,029	101,733	33,500	57	130
4,000	2,500	65,530	1,000	-----	2,300	95,781	1,200	253	131
-----	14,975	88,587	345	-----	3,131	155,438	600,000	-----	132
-----	15,778	175,781	9,644	-----	7,240	281,973	3,102	-----	133
-----	15,700	147,000	-----	-----	10,700	213,350	8,900	85	134
3,220	51,742	429,228	759	-----	14,005	650,985	397,329	312	135
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
32,752	188,456	2,169,904	25,678	96,263	132,548	3,756,577	409,002	1,711	136
6,532	9,840	65,099	-----	5,128	3,068	135,361	2,625	-----	137
1,500	12,850	204,800	5,700	12,700	9,700	247,250	140,279	353	138
-----	3,600	72,525	1,162	2,227	4,361	118,524	3,171	-----	139
-----	13,855	93,095	2,830	2,700	9,615	172,123	1,000	60	140
10,283	13,800	120,699	1,648	6,941	7,618	235,780	4,562	120	141
9,417	7,769	79,067	-----	3,410	4,119	139,185	722	-----	142
5,020	126,742	1,534,619	14,338	63,157	94,067	2,708,354	256,643	1,178	143
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
24,797	61,970	980,174	3,240	19,266	34,054	1,595,614	150,244	628	144
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10,279	16,800	108,495	-----	1,869	4,647	190,836	6,566	130	145
-----	3,500	88,872	-----	2,587	4,311	148,790	12,928	100	146
7,217	15,215	151,847	3,240	2,533	1,483	234,395	9,720	-----	147
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	6,087	137,737	-----	2,849	3,318	213,785	2,130	44	148
-----	<sup>21</sup> 3,490	100,000	-----	2,659	5,419	185,294	1,354	-----	149
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	<sup>21</sup> 3,000	93,859	-----	1,276	1,370	134,221	782	-----	150
-----	2,678	61,322	-----	1,551	5,816	100,582	4,463	-----	151
7,301	11,200	238,042	-----	3,942	7,690	387,711	112,301	354	152
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
14,123	46,133	969,583	6,692	21,179	60,069	1,487,238	64,944	1,466	153
-----	3,904	118,004	-----	2,070	10,049	179,832	697	166	154
-----	3,900	120,025	850	3,278	500	153,425	-----	40	155
-----	4,745	115,247	1,295	956	10,808	178,980	9,707	289	156
-----	8,865	160,710	2,517	4,026	8,479	247,440	3,985	68	157
8,123	3,863	107,076	810	2,925	10,935	185,355	3,241	100	158
-----	5,856	107,957	1,220	1,607	6,022	166,933	1,009	127	159
6,000	15,000	240,564	-----	6,317	13,276	375,273	46,305	676	160
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
14,190	36,100	589,107	4,810	18,938	38,658	946,177	94,914	1,948	161
14,190	26,100	464,033	4,810	16,098	27,938	734,148	81,763	1,548	162
-----	10,000	125,074	-----	2,840	10,720	212,029	13,151	400	163

Table 2.—Personnel, attendance, and fiscal data for  
GROUP IV.—CITIES OF 5,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
NEW HAMPSHIRE.....	2	11	53	154	2,692	2,731	4,804	23.2	839
Derry.....	1	3	2	18	341	361	658	32.9	114
Exeter.....	1	1	12	31	388	387	689	16.0	121
Franklin.....	1	2	12	27	540	523	890	22.8	158
Lebanon.....	1	1	14	36	635	668	1,145	22.9	201
Newport.....	3	8	26	53	530	532	955	28.1	164
Somersworth.....	1	5	16	258	258	260	467	22.2	81
NEW JERSEY.....	48	102	704	2,403	38,396	36,587	65,192	21.0	11,706
Audubon.....	1	18	51	901	901	917	1,611	23.0	293
Bogota.....	1	14	42	589	584	584	1,021	18.2	186
Boonton.....	2	17	46	784	795	795	1,361	21.6	250
Caldwell.....	4	28	67	1,206	1,120	1,120	2,002	21.1	366
Sayreville.....	1	9	35	509	434	434	813	18.5	146
Secaucus.....	3	1	5	29	488	471	808	23.8	149
Other cities.....	45	92	613	2,133	33,919	32,266	57,576	21.0	10,316
NEW MEXICO.....	13	38	113	498	9,835	9,430	16,659	27.3	2,966
Las Cruces.....	1	6	55	1,227	1,194	1,194	1,914	31.4	325
Portales.....	1	5	20	61	1,401	1,398	2,154	26.6	388
Silver City.....	1	7	29	557	514	891	891	24.8	160
West Las Vegas.....	1	3	7	32	718	522	1,146	29.4	192
Other cities.....	11	28	73	321	5,932	5,802	10,554	26.8	1,901
NEW YORK.....	26	125	622	2,354	36,417	34,921	61,383	20.6	11,199
Bronxville.....	22	4	19	54	582	629	1,068	14.6	193
Hudson Falls.....	22	2	11	42	690	663	1,176	22.2	214
Ilion.....	22	3	9	48	671	719	1,217	21.4	223
Lancaster.....	1	22	18	49	778	699	1,257	18.8	227
Rye.....	3	3	18	54	698	650	1,162	16.1	211
Scotia.....	5	12	74	274	928	936	1,635	19.0	298
Other cities.....	20	104	535	2,033	32,070	30,625	53,868	21.0	9,833
NORTH CAROLINA.....	5	69	132	1,072	20,335	20,272	35,830	29.8	6,852
Asheboro.....	5	4	70	1,379	1,389	1,389	2,435	32.9	438
Mooreville.....	4	7	53	997	1,018	1,018	1,786	29.8	321
Roanoke Rapids.....	3	2	11	75	1,358	1,312	2,399	27.9	432
Washington.....	4	4	22	96	1,646	1,618	2,768	27.7	496
Other cities.....	2	54	106	778	14,955	14,935	26,442	29.9	5,165
NORTH DAKOTA.....	2	13	49	207	3,434	3,521	6,254	24.4	1,127
Devils Lake.....	3	3	9	31	572	574	1,031	25.8	186
Dickinson.....	2	1	7	23	378	381	672	22.4	121
Mandan.....	3	7	28	427	445	445	812	23.2	146
Williston.....	7	7	46	710	761	761	1,368	25.8	246
Other cities.....	6	19	79	1,347	1,360	1,360	2,371	24.2	428
OHIO.....	25	129	759	2,116	39,352	38,416	69,929	24.3	12,505
Athens.....	2	16	33	641	593	593	1,148	23.4	204
Barnesville.....	2	12	24	497	447	447	873	24.3	155
Dover.....	3	5	27	42	916	807	1,604	23.2	276
Gallipolis.....	2	15	35	820	756	756	1,436	28.7	246
Girard.....	3	22	16	53	827	817	1,517	22.0	268
Jackson.....	1	14	35	821	779	779	1,368	27.9	242
Troy.....	22	3	23	45	892	872	1,711	25.2	308
Other cities.....	17	113	636	1,849	33,938	33,345	60,272	24.3	10,806
OKLAHOMA.....	5	109	225	985	17,882	17,647	30,907	25.5	5,563
Altus.....	7	10	57	1,185	1,169	1,169	1,784	26.6	311
Alva.....	3	12	38	588	520	520	1,013	20.3	182
Duncan.....	5	10	78	1,271	1,283	1,283	2,410	27.4	434
Pauls Valley.....	22	3	9	48	834	849	1,325	23.2	344
Other cities.....	5	91	184	764	14,004	13,826	24,375	25.7	4,292
OREGON.....	11	36	153	393	7,833	7,625	13,105	24.0	2,359
Corvallis.....	1	5	21	57	957	1,013	1,716	22.0	317
Grants Pass.....	3	5	24	60	1,568	1,568	2,436	29.0	434
Pendleton.....	3	5	18	54	912	870	1,529	21.2	278
The Dalles.....	1	4	17	40	683	575	1,114	19.5	194
Other cities.....	3	17	73	182	3,715	3,599	6,310	24.7	1,136

See footnotes at end of table.



*public-school systems, by State and by city, 1947-48—Continued*  
 TO 9,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS								
Supervisors	Salaries and wages			Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses	Total current expenditures for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)
	Principals	Teachers, and other instructional staff	Clerks					
11	12	13	14	15	16	17	18	19
4,825	30,293	417,817	3,494	9,214	16,915	762,704	23,832	80
2,275	7,000	39,828	---	1,501	---	108,995	679	165
---	3,800	65,750	---	863	---	112,220	9,529	166
---	5,893	95,131	1,237	1,677	5,863	161,763	2,779	80
2,550	4,200	113,491	1,347	2,550	5,602	199,203	7,184	168
---	5,900	56,275	---	1,307	3,852	94,834	261	169
---	3,500	47,342	910	1,316	1,598	85,689	3,400	170
184,189	398,561	8,393,326	204,997	206,997	521,069	14,390,699	1,548,541	13,062
---	3,950	180,454	4,719	3,916	21,128	296,061	4,200	214
---	4,300	157,721	2,773	3,662	10,643	251,231	---	120
---	8,350	190,956	4,932	4,990	19,889	300,413	7,203	198
---	16,110	298,941	11,517	8,788	25,720	495,988	2,512	1,326
---	4,120	127,730	5,190	2,953	11,979	245,394	6,773	122
8,379	4,700	90,390	---	1,391	7,829	208,460	---	188
175,810	357,031	7,347,134	175,866	181,297	423,881	12,593,152	1,527,853	11,794
45,306	143,921	1,695,284	15,956	17,285	39,381	2,478,812	1,014,979	1,071
---	3,060	183,296	2,903	3,670	22,324	3,405	8,405	180
4,000	18,757	224,355	2,815	---	5,850	359,124	64,782	272
---	21 3,500	93,149	---	---	1,830	127,643	710	46
---	3,300	10,700	1,000	2,285	830	139,186	53,200	13
38,006	107,904	1,104,262	9,238	15,000	27,201	1,629,535	887,882	740
120,404	541,717	9,128,288	194,386	109,136	619,899	15,701,763	1,203,562	15,168
---	23,373	333,951	9,996	2,446	25,076	556,669	8,143	683
4,100	7,357	149,249	4,061	1,748	8,988	252,108	5,919	26
3,395	11,775	150,700	1,850	873	9,105	256,081	9,726	58
3,200	18,400	195,735	3,461	---	10,019	317,871	9,972	71
15,639	17,600	257,540	8,807	3,481	27,341	494,986	2,809	676
---	20,400	239,424	5,994	2,784	9,477	401,183	8,896	184
94,070	442,812	7,801,689	160,217	97,804	529,893	13,422,865	1,158,997	13,470
15,025	219,495	2,555,277	19,911	25,704	54,150	3,710,126	607,144	2,203
---	13,080	154,986	---	3,342	3,342	202,082	56,992	100
---	13,843	130,012	781	3,000	2,498	189,074	21,500	53
8,000	8,000	192,317	3,000	---	1,200	290,683	35,985	173
---	14,840	199,542	---	---	3,477	253,490	27,880	80
7,025	169,732	1,878,420	16,130	22,704	43,633	2,774,797	464,787	1,797
5,400	44,902	614,332	960	853	47,856	919,482	24,782	957
---	10,500	119,860	---	15	8,637	175,306	10,327	88
5,400	3,600	60,784	960	---	---	112,880	---	311
---	22 11,000	23 65,000	---	---	2,242	107,951	---	202
---	---	130,503	---	344	2,667	165,912	2,397	36
---	19,802	238,185	---	494	34,310	357,433	12,058	522
76,794	434,676	7,601,712	89,949	152,414	352,313	12,627,819	1,462,230	13,490
---	7,367	121,149	2,452	1,824	5,526	203,580	2,173	138
---	7,500	99,671	---	2,150	3,797	165,489	---	60
9,877	15,184	180,883	---	4,491	9,076	337,685	5,929	144
3,000	7,150	123,087	1,100	2,110	4,672	212,673	47,146	283
11,800	4,200	188,202	3,500	3,558	4,296	295,621	238	166
---	3,702	131,178	2,085	1,991	5,662	188,555	13,303	99
4,683	12,740	175,200	1,894	3,888	11,172	283,568	3,534	975
47,434	376,833	6,582,342	78,918	132,402	308,112	10,940,648	1,389,907	11,625
15,500	327,905	2,660,806	3,220	---	75,436	3,881,318	797,066	2,393
---	18,212	129,916	---	---	6,500	188,389	---	85
---	9,000	95,344	---	---	1,844	136,977	22,966	115
---	15,000	216,357	---	---	3,960	274,057	32,032	156
---	9,400	100,825	---	---	8,800	163,735	150,000	200
15,500	276,293	2,118,364	3,220	---	54,322	3,118,160	592,068	1,837
45,857	134,863	1,520,485	25,082	36,582	121,735	2,719,562	290,804	1,221
3,800	17,325	205,043	835	3,185	14,147	389,167	1,465	277
11,652	17,580	235,966	9,290	11,879	17,855	455,294	36,076	242
12,786	19,300	194,824	2,803	3,963	19,135	353,675	16,317	72
5,662	17,271	134,272	1,158	2,238	10,278	237,772	7,252	163
11,957	65,387	750,380	10,996	15,317	60,320	1,283,654	229,694	467

Table 2.—Personnel, attendance, and fiscal data for  
GROUP IV.—CITIES OF 5,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
PENNSYLVANIA.....	53	138	1,289	3,299	58,347	57,956	102,971	22.4	18,766
Blairsville.....	1	1	13	27	452	500	889	22.2	160
Glassport.....	3	1	10	29	588	563	1,079	27.7	194
Lehighton.....	1	1	15	33	636	620	1,202	25.0	208
Oakmont.....	2	10	40	57	557	607	1,026	20.5	187
Rankin.....	1	13	39	58	588	549	1,043	20.1	187
Tarentum.....	1	1	19	38	704	732	1,360	23.9	245
Other cities.....	49	131	1,209	3,093	54,822	54,385	96,372	22.4	17,585
RHODE ISLAND.....	2	8	20	116	1,760	1,687	2,962	21.8	533
Barrington.....	3	3	9	40	583	564	1,014	20.7	183
Burrillville (P. O. Pascoag).....	1	1	3	39	594	601	1,084	25.8	194
Warren.....	1	4	8	37	583	522	864	19.2	156
SOUTH CAROLINA.....	19	150	977	17,291	17,911	30,245	26.8	5,438	
Camden.....	4	10	71	1,262	1,246	2,152	26.6	385	
Gaffney.....	1	14	76	1,356	1,416	2,460	27.3	442	
Laurens.....	3	9	54	1,016	1,046	1,843	29.3	332	
Marion.....	21	12	49	1,030	1,032	1,741	28.5	313	
Newberry.....	21	12	68	1,070	1,160	1,886	23.6	338	
Union.....	21	13	81	1,593	1,555	2,773	29.5	498	
Other cities.....	8	80	578	9,964	10,456	17,390	26.4	3,130	
SOUTH DAKOTA.....	3	9	49	148	2,368	2,384	4,099	20.8	729
Brookings.....	2	2	11	38	584	607	1,102	22.5	195
Lead.....	5	13	40	606	666	1,015	19.2	179	
Madison.....	1	1	8	30	469	443	767	20.2	138
Yankton.....	1	1	17	40	709	668	1,215	21.3	217
TENNESSEE.....	12	71	541	9,411	9,314	16,631	27.2	2,938	
Alcoa.....	2	7	44	799	802	1,418	27.8	252	
Athens.....	2	4	45	747	711	1,285	26.2	231	
Morristown.....	21	14	63	1,226	1,285	2,160	28.1	382	
Paris.....	3	1	43	668	651	1,148	26.1	202	
Shelbyville.....	3	2	38	765	761	1,268	31.7	228	
Union City.....	21	7	42	570	565	1,022	20.9	182	
Other cities.....	22	187	504	2,853	4,636	4,539	8,330	27.6	1,461
TEXAS.....	22	216	586	3,227	58,836	57,325	97,046	25.5	16,917
Alice.....	5	17	85	1,702	1,521	2,661	26.1	472	
Beeville.....	4	9	48	999	1,001	1,459	25.6	257	
Colorado City.....	3	7	36	640	623	1,072	24.9	188	
Rusk.....	3	7	26	499	531	874	26.5	155	
San Marcos.....	4	14	59	1,092	1,107	1,536	21.0	269	
Seguin.....	4	16	52	1,011	935	1,522	22.4	268	
Vernon.....	6	12	68	1,172	1,121	2,054	25.7	357	
Other cities.....	22	187	504	2,853	51,721	50,486	85,868	25.6	14,951
UTAH.....	1	5	19	45	1,064	1,027	1,778	27.8	317
Murray.....	1	5	19	45	1,064	1,027	1,778	27.8	317
VERMONT.....	19	11	74	212	3,996	3,786	7,035	24.6	1,287
Bellows Falls.....	5	5	8	28	517	474	843	23.4	151
Bennington.....	5	2	12	33	610	620	1,053	23.4	185
Springfield.....	4	1	22	68	971	857	1,630	18.1	285
Other cities.....	5	3	32	83	1,898	1,835	3,509	30.5	666
VIRGINIA.....	8	26	67	412	6,243	6,123	10,788	22.5	1,944
Bristol.....	1	7	14	92	1,460	1,551	2,607	24.6	469
Clifton Forge.....	1	3	7	39	562	536	982	21.3	177
Hampton.....	2	10	38	607	570	1,041	21.7	187	
Harrisonburg.....	4	8	57	810	746	1,380	21.2	249	
Hopewell.....	4	3	17	75	1,055	1,027	1,796	19.5	325
Radford.....	1	4	5	55	822	815	1,437	24.0	259
South Norfolk.....	1	3	6	56	927	878	1,545	24.9	278

See footnotes at end of table.



public-school systems, by State and by city, 1947-48—Continued  
to 9,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses			
Supervisors	Principals	Teachers, and other instructional staff	Clerks					
11	12	13	14	15	16	17	18	19
183,007	474,439	11,182,347	144,757	379,525	631,825	18,536,723	1,360,684	10,068,226
4,731	3,450	86,374	2,500	2,794	9,622	160,056	3,073	183,227
14,375	4,612	92,104	1,948	7,233	1,637	171,943	2,908	313,228
-----	2,000	109,000	-----	-----	4,200	178,000	5,000	-----
-----	7,550	126,747	2,450	2,068	13,660	235,706	5,810	145,230
-----	3,082	117,306	1,440	3,117	6,154	195,607	22,689	305,231
-----	4,200	154,998	2,007	2,260	8,258	236,054	2,177	220,232
163,901	449,545	10,495,818	134,412	362,053	588,264	17,359,357	1,319,227	8,902,233
-----	-----	-----	-----	-----	-----	-----	-----	-----
10,484	31,303	379,835	3,219	8,004	12,511	588,725	5,060	185,234
-----	11,903	141,239	2,086	4,349	5,876	218,786	4,374	148,235
5,584	4,700	125,787	200	1,968	2,707	189,215	-----	236
4,900	14,700	112,809	933	1,747	3,928	180,724	1,286	40,237
-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	60,530	2,284,921	3,515	-----	52,142	3,072,624	311,145	2,035,238
-----	12,584	155,209	-----	-----	1,608	211,341	6,664	70,239
-----	4,500	199,083	1,940	-----	2,989	295,839	28,234	152,240
-----	7,781	101,116	-----	-----	2,130	153,881	-----	56,241
-----	21,3,339	112,000	-----	-----	170	152,349	-----	136,242
-----	21,3,392	156,000	-----	-----	3,598	210,955	5,538	269,243
-----	21,3,340	210,500	-----	-----	3,714	262,170	3,662	165,244
-----	25,594	1,351,013	1,575	-----	37,933	1,786,089	267,407	1,187,245
-----	-----	-----	-----	-----	-----	-----	-----	-----
10,059	27,077	470,692	6,933	7,236	33,074	766,097	47,628	204,246
5,542	6,867	110,627	2,809	1,921	8,210	180,677	19,153	73,247
-----	13,960	128,659	2,050	2,736	9,584	221,845	4,085	100,248
-----	3,400	86,182	574	1,514	7,083	139,478	21,614	31,249
-----	4,517	145,224	1,500	1,065	8,197	224,097	2,776	250
-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	31,963	1,087,780	2,806	11,869	42,789	1,564,085	49,532	105,251
-----	5,904	104,457	-----	400	7,513	149,546	11,751	252
-----	5,167	83,123	-----	8,131	805	131,859	3,407	253
-----	21,2,944	117,000	1,800	-----	700	155,758	-----	105,254
-----	6,974	76,029	-----	588	3,398	122,533	-----	255
-----	8,112	66,962	-----	2,750	500	106,754	2,500	256
-----	21,2,862	89,000	-----	-----	3,996	121,786	1,421	257
-----	-----	551,209	1,006	-----	25,877	775,849	30,453	258
-----	-----	-----	-----	-----	-----	-----	-----	-----
73,233	726,745	9,586,384	83,355	32,121	319,610	14,028,891	3,700,792	25,549,259
-----	18,578	253,655	5,136	89	6,555	361,739	325,217	811,260
-----	9,808	139,157	-----	-----	8,609	213,014	131,168	697,261
-----	9,757	108,116	607	-----	3,593	171,317	14,576	195,262
-----	8,962	83,496	-----	-----	1,277	112,812	5,748	182,263
-----	11,850	162,797	5,960	-----	4,851	211,194	33,675	168,264
-----	12,700	152,979	-----	-----	2,718	192,414	126,703	336,265
-----	21,300	199,135	490	-----	4,101	257,777	10,743	623,266
73,233	633,790	8,487,049	71,162	32,032	287,906	12,508,624	3,052,962	22,537,267
-----	-----	-----	-----	-----	-----	-----	-----	-----
3,760	19,933	152,409	1,613	4,014	6,209	298,831	22,982	113,268
3,760	19,933	152,409	1,613	4,014	6,209	298,831	22,982	113,269
-----	-----	-----	-----	-----	-----	-----	-----	-----
57,651	37,516	698,109	9,406	11,125	34,643	1,134,268	27,307	691,270
12,704	12,789	83,410	1,340	2,543	6,325	173,257	4,884	51,271
15,502	9,000	94,660	1,164	2,796	7,072	174,571	7,237	56,272
12,165	4,483	170,746	4,083	2,452	10,863	306,421	7,002	168,273
17,280	11,244	349,293	2,819	3,334	10,383	480,019	8,184	416,274
-----	-----	-----	-----	-----	-----	-----	-----	-----
22,678	78,802	994,575	10,873	3,221	37,537	1,523,102	31,782	706,275
22,2,400	22,17,500	22,219,387	22,1,000	-----	11,177	317,586	3,000	441,276
2,550	10,753	94,869	1,754	106	1,791	135,224	2,848	277
-----	5,255	99,423	1,632	641	8,749	147,940	1,864	172,278
-----	12,995	129,708	650	-----	3,816	193,166	4,435	45,279
12,328	9,296	188,069	4,415	1,374	5,955	318,701	1,124	280
2,500	11,723	126,476	1,422	-----	791	204,440	7,966	48,281
2,900	11,280	136,643	-----	1,100	5,258	206,045	11,545	282

Table 2.—Personnel, attendance, and fiscal data for

GROUP IV.—CITIES OF 5,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
283 WASHINGTON.....	4	25	121	381	7,989	7,643	12,702	25.3	2,287
284 Anacortes.....		3	15	36	774	725	1,265	24.8	228
285 Centralia.....		5	28	66	1,491	1,315	2,292	24.4	413
286 Kelso.....	3	5	27	81	1,604	1,555	2,608	24.1	470
287 Port Angeles.....	1	5	23	58	1,436	1,516	2,255	27.8	387
288 Other cities.....		7	28	140	2,684	2,532	4,282	25.5	789
289 WISCONSIN.....	6	27	239	712	12,268	12,427	22,331	23.5	3,997
290 Antigo.....	2	2	18	49	896	1,025	1,684	25.1	298
291 Kaukauna.....		1	12	28	494	431	900	22.5	158
292 Sparta.....		1	10	33	617	622	1,053	24.5	274
293 Sturgeon Bay.....		<sup>22</sup> 1	15	31	577	629	1,062	23.1	189
294 Whitefish Bay.....	1	4	32	72	1,183	1,136	2,082	19.8	381
295 Other cities.....	3	18	152	499	8,501	8,584	15,550	23.9	2,697
296 WYOMING.....		4	22	114	2,258	2,214	3,781	27.8	666
297 Rawlins.....		<sup>21</sup> 1	10	46	1,025	977	1,701	30.4	298
298 Rock Springs.....		3	12	68	1,233	1,237	2,080	26.0	368

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 9,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses			
Supervisors	Principals	Teachers, and other instructional staff	Clerks					
11	12	13	14	15	16	17	18	19
19,554	103,391	1,561,371	29,278	29,985	73,010	2,572,905	389,038	1,303 283
-----	11,600	153,000	3,850	3,567	1,900	246,442	20,000	133 284
-----	18,885	303,266	7,175	4,955	23,720	515,232	25,014	201 285
13,307	20,960	322,493	7,228	5,542	12,425	501,449	99,515	147 286
6,247	18,842	257,020	3,490	6,920	5,807	423,792	204,500	319 287
-----	33,104	525,592	7,535	9,001	29,158	885,990	40,009	503 288
18,273	111,116	2,470,362	45,649	35,857	213,488	4,015,583	158,255	1,757 289
4,954	6,900	164,955	4,221	2,798	16,410	277,286	327	----- 290
-----	4,100	105,820	1,685	1,789	6,839	184,743	1,170	----- 291
-----	3,500	96,609	-----	1,816	8,437	159,779	12,317	----- 292
-----	3,545	114,916	1,225	1,555	4,397	175,752	4,424	----- 293
3,748	21,577	391,171	16,455	2,105	32,377	657,036	36,215	1,413 294
9,571	71,494	1,596,891	22,063	25,794	145,028	2,560,987	103,802	307 295
-----	12,843	368,710	-----	9,123	18,077	549,294	16,662	725 296
-----	<sup>21</sup> 3,500	146,825	-----	4,659	6,231	220,842	-----	685 297
-----	9,343	221,885	-----	4,464	11,846	328,452	16,662	40 298

Table 2.—Personnel, attendance, and fiscal data for

GROUP V.—CITIES OF 2,500

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
1 Continental United States..	237	2,007	9,354	32,450	592,273	581,225	1,018,900	24.4	182,104
2 ALABAMA .....		18	57	456	8,043	8,182	14,427	28.1	2,551
3 Atmore .....		1		13	208	232	401	30.8	70
4 Fort Payne .....		2		27	460	515	825	30.6	145
5 Jacksonville .....		3	6	34	520	588	1,040	26.0	198
6 Union Springs .....		<sup>21</sup> 1	4	29	594	653	1,044	31.6	184
7 Other cities .....		11	47	353	6,261	6,194	11,117	27.8	1,954
8 ARIZONA .....	4	10	89	218	4,983	4,687	8,192	26.7	1,421
9 Clifton .....		<sup>22</sup> 1	11	23	519	445	830	24.4	147
10 Tempe: .....									
11 Elementary District .....	1	1	10	27	553	469	803	21.7	128
12 High-School District .....		1	12	6	203	244	365	20.3	63
13 Williams .....	1	2	7	18	300	288	494	19.8	85
14 Winslow .....		2	10	46	1,022	965	1,778	31.8	319
14 Other cities .....	2	3	39	98	2,386	2,276	3,922	28.6	679
15 ARKANSAS .....	9	80	179	1,082	24,158	23,535	38,693	30.7	6,466
16 De Queen .....	3	5	3	25	634	618	1,010	36.1	178
17 Mena .....		2	5	28	510	625	1,027	31.1	183
18 Monticello .....		3	4	38	770	849	1,253	29.8	206
19 Nashville .....		1	8	27	664	630	1,074	30.7	185
20 Trumann .....		3	9	39	1,149	1,084	1,626	33.9	293
21 Other cities .....	6	66	150	925	20,431	19,729	32,703	30.4	5,421
22 CALIFORNIA .....	24	117	813	2,152	41,927	39,887	71,626	24.2	12,530
23 Carmel .....		2	11	23	383	411	633	18.6	110
24 Gilroy .....	1	2	14	48	807	788	1,308	21.1	224
25 Lindsay .....		4	14	42	800	793	1,290	23.0	223
26 Needles .....		2	13	41	699	666	1,165	21.6	204
27 Paso Robles .....		2	11	36	855	829	1,327	28.2	229
28 Other cities .....	23	105	750	1,962	38,383	36,400	65,903	24.3	11,540
29 COLORADO .....		37	143	430	7,731	7,494	13,898	24.3	2,466
30 Brighton .....		3	11	35	874	585	1,172	25.5	211
31 Florence .....		4	8	20	359	349	637	22.8	115
32 Lamar .....		5	13	33	669	623	1,129	24.5	198
33 Leadville .....		2	8	19	368	347	632	23.4	114
34 Salida .....		1	15	24	456	492	834	21.4	150
35 Other cities .....		22	88	299	5,005	5,098	9,494	24.5	1,678
36 DELAWARE .....		2	33	138	2,217	2,249	4,035	23.6	729
37 Milford .....			8	39	603	620	1,067	22.7	192
38 Newark .....		<sup>21</sup> 1	12	44	728	730	1,355	29.5	245
39 Other cities .....		1	13	55	886	899	1,613	23.7	512
40 GEORGIA .....		12	61	256	4,980	5,018	8,468	26.7	1,516
41 Barnesville .....		1	15	29	620	601	1,033	23.5	181
42 Calhoun .....		<sup>21</sup> 1	4	22	395	358	645	24.8	113
43 Hogansville .....		<sup>21</sup> 1	9	28	650	690	1,096	29.6	192
44 Trion .....		2	1	30	507	477	864	27.9	151
45 West Point .....		2	2	21	407	430	<sup>24</sup> 750	32.6	136
46 Other cities .....		5	30	126	2,401	2,462	4,080	26.2	743
47 IDAHO .....	2	43	187	557	11,453	11,202	19,911	26.8	3,446
48 Blackfoot .....		4	12	42	808	827	1,428	26.4	253
49 Emmett .....		2	9	34	722	766	1,259	29.3	214
50 Jerome .....		3	17	42	1,023	1,022	1,614	27.4	279
51 St. Anthony .....		2	22	61	1,073	1,023	1,885	22.7	324
52 Other cities .....	2	32	127	378	7,827	7,564	13,725	27.2	2,376

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 4,999 POPULATION

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
802,214	6,776,069	101,789,096	1,000,718	1,506,233	6,129,288	168,079,787	24,025,020	124,562	1
	52,863	999,348	1,800	1,989	27,161	1,308,762	47,281	11	2
	<sup>21</sup> 3,000	20,097			221	39,933	8,151		3
	<sup>23</sup> 6,000	<sup>23</sup> 44,480			793	63,698	228	4	4
	6,600	86,000	1,800	1,000	1,000	96,400			5
	<sup>21</sup> 3,000	60,544			1,689	80,182	3,117		6
	34,263	788,227			196	23,951	1,028,549	35,785	7
17,889	48,724	986,079	14,947	10,925	53,671	1,478,873	151,443	701	8
	4,205	96,253	3,016		5,460	130,118	1,675		9
4,180	4,300	92,480	3,600		3,243	151,873	11,700	82	10
	5,000	63,070	2,000		7,935	94,815	10,197	13	11
4,469	10,160	77,255		4,175	2,310	142,037	10,332	13	12
	9,300	204,994	1,575		5,956	281,499	17,788	391	13
9,240	15,759	452,027	4,756	6,750	28,767	678,531	99,751	202	14
20,664	180,102	2,121,260	16,701	4,382	30,571	3,123,418	1,120,813	3,455	15
6,836	12,000	50,310	600	1,391	2,075	96,948		40	16
	3,500	56,045	300		908	84,438	43,800	100	17
	6,750	65,340			1,700	90,286	40,640	62	18
	2,062	60,160			207	84,942	21,620	211	19
	5,300	79,410	600		2,400	109,590	272,500	91	20
13,828	150,490	1,809,995	15,201	2,991	23,281	2,657,214	742,253	2,951	21
100,421	544,096	9,460,236	117,199	126,185	1,170,873	16,660,910	5,115,188	14,975	22
	12,100	121,267	3,821	2,029	17,457	217,707	171,824	660	23
3,861	8,700	170,598	7,818	2,006	22,511	288,164	17,511	345	24
	19,854	200,177	4,350	800	11,950	329,553	7,900		25
	10,000	168,936			27,238	306,058	10,145		26
	8,820	156,107	2,325	3,414	6,713	245,478	10,437	441	27
96,560	484,622	8,643,151	98,885	117,936	1,085,004	15,273,950	4,897,371	13,529	28
	110,470	1,262,839	7,885	20,403	72,530	2,153,832	108,311	1,748	29
	8,725	98,953		3,559	1,058	181,531		53	30
	10,000	50,468		854	170	99,681		125	31
	13,346	99,851			5,782	170,613	11,336	332	32
	5,558	63,621		409	3,437	101,324	4,374		33
	3,000	97,000	900		2,031	126,666	2,461	31	34
	69,841	852,946	6,985	15,581	60,052	1,474,017	90,140	1,207	35
	4,998	377,779		11,267	12,408	571,368	72,481	790	36
		105,000		3,000	3,000	142,430	800	114	37
	<sup>21</sup> 3,000	121,758		3,763	4,448	200,528	42,706	360	38
	1,998	151,021		4,504	4,960	228,410	28,975	316	39
	42,984	659,706	6,914	6,044	9,299	958,427	8,715	214	40
	3,000	98,764	2,700		850	128,242			41
	<sup>21</sup> 3,000	50,382			2,717	66,765	3,250		42
	<sup>21</sup> 3,000	62,740			2,540	96,301			43
	8,880	80,331	1,465		858	145,564	2,000		44
	5,404	50,833			627	69,661			45
	19,700	316,656	2,749	6,044	1,707	451,894	3,465	214	46
7,000	137,364	1,566,154	5,538	38,465	171,675	2,812,620	164,815	728	47
	12,811	110,841		4,234	6,996	134,882	4,558	67	48
	5,073	74,220		1,740	1,071	141,711			49
	14,156	119,098		1,906	5,889	203,421	10,486	53	50
	6,975	170,689		4,145	9,576	290,439	35,430	58	51
7,000	98,349	1,091,306	5,538	26,440	148,143	2,042,167	114,341	550	52



Table 2.—Personnel, attendance, and fiscal data for

GROUP V.—CITIES OF 2,500

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS									
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)	
			Men	Women	Boys	Girls				
1	2	3	4	5	6	7	8	9	10	
53 ILLINOIS.....	9	134	620	1,912	33,221	32,680	57,853	22.8	10,788	
Barrington.....										
District No. 4.....		21	3	19	348	316	592	26.9	110	
High-School District No. 224.....		21	8	9	154	153	272	16.0	51	
56 Bradley.....		1	4	17	392	310	620	29.5	116	
57 Dolton.....		4	1	27	434	402	788	28.1	158	
58 Galena.....		2	7	20	290	320	531	19.7	98	
59 Galva.....		1	7	22	302	291	532	18.3	99	
60 Oglesby.....		2	6	17	278	256	509	22.1	96	
61 Other cities.....	9	122	584	1,781	31,023	30,632	54,009	22.8	10,060	
62 INDIANA.....	12	48	257	561	12,744	12,618	22,061	27.0	3,895	
63 Alexandria.....		2	8	26	555	558	965	28.4	171	
64 Dunkirk.....		2	5	19	407	407	708	29.5	127	
65 East Gary.....	1	3	5	24	432	509	861	29.7	150	
66 Gas City.....		22	7	19	474	450	828	31.8	146	
67 Union City.....		1	6	17	323	325	581	25.3	102	
68 Other cities.....	11	37	226	456	10,503	10,369	18,118	26.6	3,199	
69 IOWA.....	7	54	368	1,160	18,436	18,232	32,492	21.3	5,754	
70 Anamosa.....		1	6	23	308	324	530	18.3	95	
71 Belle Plaine.....		22	1	23	335	301	567	19.6	101	
72 Eagle Grove.....		5	11	28	523	492	865	22.2	153	
73 Pella.....		22	2	8	20	306	324	565	20.2	102
74 Sac City.....		22	1	10	23	385	367	638	19.3	112
75 Tipton.....		2	7	27	436	452	767	22.6	138	
76 Vinton.....		22	3	9	37	687	627	1,131	24.6	199
77 Other cities.....	6	39	311	979	15,456	15,345	27,429	21.3	4,854	
78 KANSAS.....	4	86	280	831	14,575	14,247	25,357	22.8	4,482	
79 Belleville.....		21	2	8	17	308	281	557	22.3	95
80 Cherryvale.....		2	8	20	369	341	613	21.9	111	
81 Galena.....		4	3	28	532	480	915	29.5	159	
82 Herington.....		1	7	20	334	350	588	21.8	105	
83 Kingman.....		21	1	10	20	385	368	711	23.7	122
84 Russell.....		2	10	38	648	651	1,214	25.3	219	
85 Other cities.....	4	74	234	688	11,999	11,776	20,759	22.5	3,671	
86 KENTUCKY.....		50	129	627	10,747	10,863	18,766	24.8	3,379	
87 Dawson Springs.....		21	1	3	12	288	269	495	33.0	87
88 Fulton.....		2	2	24	341	349	643	24.7	112	
89 Georgetown.....		2	8	23	377	389	692	22.3	122	
90 Harrodsburg.....		2	4	30	466	493	802	23.6	142	
91 Mount Sterling.....		1	6	31	501	545	855	23.1	161	
92 Murray.....		3	7	32	450	450	822	21.1	144	
93 Russellville.....		2	2	26	406	430	762	27.2	133	
94 Other cities.....		37	97	449	7,918	7,938	13,695	25.1	2,478	
95 MAINE.....	6	25	89	1,508	1,526	2,657	23.3	478		
96 Eastport.....		1	2	23	338	309	491	19.6	88	
97 Ellsworth.....		1	9	24	395	453	772	23.4	139	
98 Hallowell (P.O. Winthrop).....		2	4	16	320	300	557	27.9	100	
99 Madison.....		2	10	26	455	464	837	22.6	151	
100 MASSACHUSETTS.....	3	10	68	177	3,051	2,985	5,359	21.9	946	
101 Blackstone.....		1	7	14	201	229	393	18.7	71	
102 Hopedale.....		21	6	19	246	233	444	17.8	80	
103 Lee.....		21	10	15	344	342	535	21.4	97	
104 Nantucket.....		3	5	17	323	262	515	23.5	91	
105 Rockport.....		21	1	7	297	313	547	22.8	93	
106 Other cities.....	3	3	33	95	1,640	1,606	2,924	22.8	514	

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

to 4,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
33,140	469,295	6,285,701	46,777	73,141	336,403	10,868,994	2,068,836	13,191	53
	<sup>21</sup> 3,500	63,415	-----	300	2,471	113,050	5,382	29	54
	<sup>21</sup> 3,500	51,293	-----	232	3,927	72,568	68,722	90	55
	5,125	46,561	1,808	100	1,300	71,064	-----	-----	56
	<sup>21</sup> 12,000	58,625	-----	-----	1,929	118,031	1,254	76	57
	4,500	63,194	1,900	1,750	750	104,322	-----	-----	30
	3,500	82,397	-----	1,012	1,802	132,630	9,317	30	59
	6,000	42,000	-----	1,177	1,552	76,412	6,485	39	60
33,140	431,170	5,878,216	43,069	68,570	322,672	10,180,917	1,977,676	12,897	61
45,569	192,633	2,373,026	12,962	8,121	76,779	3,564,428	78,938	300	62
	8,800	107,488	1,498	1,397	4,310	162,553	-----	-----	27
	8,140	66,610	-----	-----	1,864	95,856	764	37	64
	3,500	73,704	-----	-----	641	116,826	1,286	18	65
	10,205	75,689	-----	1,798	1,634	110,022	-----	-----	66
	4,100	61,977	-----	-----	2,015	93,480	3,700	-----	67
42,069	150,888	1,987,558	11,464	4,926	66,315	2,985,691	73,188	278	68
23,597	172,400	3,438,502	28,624	14,771	231,633	5,728,558	613,517	2,912	69
	3,600	63,560	875	350	3,210	95,654	7,183	53	70
	3,313	63,086	1,792	1,070	2,298	94,444	1,703	24	71
	15,089	96,742	1,277	-----	3,638	149,549	5,722	140	72
	8,232	50,245	-----	646	1,639	93,426	7,234	-----	73
	3,383	82,053	3,121	-----	600	129,937	12,939	40	74
	<sup>23</sup> 8,416	<sup>23</sup> 89,774	-----	-----	4,953	158,636	5,127	425	75
	10,000	94,438	-----	-----	4,818	160,589	38,765	345	76
21,035	120,367	2,898,604	21,559	12,705	210,477	4,846,323	534,844	1,855	77
12,930	235,605	2,287,059	16,763	5,549	172,789	3,673,941	241,504	872	78
	<sup>21</sup> 5,725	44,381	5,799	-----	2,574	80,218	7,712	150	79
	5,400	52,567	1,075	-----	2,708	84,456	3,545	20	80
	8,107	47,664	-----	-----	1,680	80,658	-----	-----	19
	3,100	57,908	-----	-----	3,876	93,400	4,600	2	82
	<sup>21</sup> 3,500	74,198	1,346	-----	3,136	105,794	6,918	-----	83
	7,750	134,830	-----	-----	15,800	198,550	21,500	-----	84
12,930	202,023	1,875,511	8,543	5,549	143,215	3,030,865	197,229	681	85
	116,250	1,297,269	1,669	-----	39,037	2,049,424	119,792	670	86
	<sup>21</sup> 3,927	25,148	-----	-----	518	36,103	801	-----	12
	<sup>23</sup> 5,000	<sup>23</sup> 43,498	-----	-----	-----	72,039	1,662	56	88
	4,772	52,073	-----	-----	1,500	81,317	1,931	45	89
	4,016	56,645	-----	-----	1,365	80,035	3,274	28	90
	2,105	64,182	-----	-----	5,377	100,099	4,530	-----	91
	<sup>23</sup> 6,000	<sup>23</sup> 54,000	-----	-----	1,000	79,000	2,500	18	92
	4,944	45,527	-----	-----	545	73,164	1,300	23	93
	85,486	956,196	1,669	-----	28,732	1,527,667	103,794	488	94
	19,650	204,836	-----	8,852	11,435	355,959	19,150	-----	95
	3,656	52,110	-----	1,773	130	85,861	-----	-----	96
	3,500	53,088	-----	3,485	2,753	96,977	-----	-----	97
	6,280	27,189	-----	1,022	1,562	49,669	17,750	-----	98
	6,214	72,449	-----	2,572	6,990	123,452	1,400	-----	99
8,792	35,113	627,770	6,570	17,879	35,960	1,044,783	21,559	139	100
	3,500	39,985	-----	1,837	1,152	71,700	-----	-----	101
	<sup>21</sup> 3,500	55,963	-----	684	2,256	90,298	10,187	-----	102
	<sup>21</sup> 3,500	66,409	-----	1,988	3,693	104,037	1,765	-----	103
	<sup>21</sup> 10,500	66,580	1,670	1,769	72	109,385	-----	-----	104
	<sup>21</sup> 3,500	50,531	-----	933	3,044	87,365	1,706	10	105
8,792	10,613	348,302	4,900	10,668	25,743	581,998	7,901	129	106

Table 2.—Personnel, attendance, and fiscal data for

GROUP V.—CITIES OF 2,500

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS									
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days at tended (in thousands)	
				Men	Women	Boys	Girls				
	1	2	3	4	5	6	7	8	9	10	
107	MICHIGAN.....	5	59	442	1,292	25,674	24,925	46,049	26.6	8,846	
108	Allegan.....		21	17	30	617	564	1,101	23.4	207	
109	Bad Axe.....		1	9	19	326	329	608	21.7	121	
110	Bessemer.....		21	17	343	310	607	1,066	23.3	112	
111	Center Line.....		1	9	39	802	710	1,366	28.5	273	
112	Munising.....		1	11	27	555	567	973	25.6	182	
113	Northville.....		2	8	30	504	485	874	23.0	169	
114	Otsego.....		1	8	31	652	616	1,156	29.6	218	
115	Other cities.....		5	51	371	1,099	21,344	39,364	26.8	7,564	
116	MINNESOTA.....	11	42	292	973	16,307	16,482	28,827	22.8	4,962	
117	Benson.....		1	12	24	479	488	897	24.9	155	
118	Blue Earth.....		2	8	33	439	467	828	20.2	149	
119	Gilbert.....		2	8	20	260	277	523	18.7	94	
120	Luverne.....		1	7	25	392	373	687	21.5	120	
121	Northfield.....		1	13	35	640	597	1,070	22.3	185	
122	Sauk Rapids.....		2	6	13	271	265	424	22.3	74	
123	Sleepy Eye.....		1	5	13	170	191	325	18.1	57	
124	Other cities.....		11	32	233	810	13,656	24,073	23.1	4,128	
125	MISSISSIPPI.....		39	91	601	12,034	12,860	21,820	31.5	3,844	
126	Aberdeen.....		4	8	62	1,213	1,264	2,047	29.2	339	
127	Holly Springs.....		22	1	4	28	556	901	28.2	162	
128	Moss Point.....		4	7	42	819	847	1,466	29.9	264	
129	Oxford.....		2	6	26	605	645	1,148	35.9	208	
130	Starkville.....		21	1	3	26	540	917	31.6	162	
131	Other cities.....		27	63	417	8,360	9,045	15,341	32.0	2,709	
132	MISSOURI.....	10	74	248	868	17,294	17,270	29,942	26.8	5,396	
133	Aurora.....		1	2	8	23	492	895	28.9	160	
134	Berkeley.....		3	4	16	285	501	453	22.7	82	
135	Crystal City.....		22	3	9	23	414	405	737	23.0	133
136	Festus.....		3	8	26	507	522	937	27.6	170	
137	Lamar.....		1	6	19	303	378	609	24.4	109	
138	Liberty.....		2	8	28	527	491	913	25.4	164	
139	West Plains.....		22	1	15	29	716	783	1,247	28.3	225
140	Other cities.....		9	59	190	704	14,050	13,952	24,151	27.0	4,353
141	MONTANA.....	1	7	72	267	4,222	4,280	7,569	22.3	1,342	
142	Cut Bank.....		2	10	29	520	521	831	21.3	148	
143	Deer Lodge.....		21	2	17	289	261	479	25.2	88	
144	Elementary District.....		1	8	26	495	495	871	25.6	157	
145	Laurel.....		1	3	19	227	232	421	19.1	74	
146	Roundup.....		21	1	7	26	518	481	878	26.6	154
147	Whitefish.....		1	1	42	150	2,173	2,290	4,089	21.3	721
148	Other cities.....		1	1	42	150	2,173	2,290	4,089	21.3	721
148	NEBRASKA.....	5	27	111	425	7,399	7,295	13,151	24.5	2,344	
149	Broken Bow.....		22	1	6	26	389	422	720	22.5	129
150	Holdrege.....		3	7	23	421	398	776	25.9	141	
151	Schuyler.....		22	2	7	26	297	318	592	22.8	105
152	Seward.....		22	2	7	15	305	282	530	24.1	90
153	Sidney.....		4	9	26	439	468	827	23.6	146	
154	West Point.....		1	4	16	156	185	314	15.7	56	
155	Other cities.....		3	13	78	293	5,392	5,222	9,392	25.3	1,671
156	NEVADA.....		6	24	39	808	802	1,393	22.1	249	
157	Elko (County High-School Dist.).....		2	12	10	168	190	339	15.4	62	
158	Ely:.....		3	1	19	364	339	557	27.9	99	
159	Elementary District.....		1	11	10	276	273	497	23.7	88	
159	High-School District.....		1	11	10	276	273	497	23.7	88	

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 4,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks			15	16	17	18
11	12	13	14	15	16	17	18	19	
13,825	217,627	4,617,118	50,147	56,774	331,537	7,662,495	446,598	2,013	107
	<sup>21</sup> 3,500	120,881	1,616	3,045	3,570	179,521	6,912		108
	<sup>23</sup> 3,500	<sup>23</sup> 68,505	2,336	94	2,249	113,280	268		109
	<sup>21</sup> 3,500	58,394	1,277	1,395	8,247	122,137	1,037		110
	4,000	149,308	2,168	660	6,171	230,561	11,474	103	111
	3,800	94,619		1,676	4,572	173,756	644		112
	7,375	99,312	2,765	547	6,154	160,698	6,658	20	113
	4,000	92,511			9,443	152,450	3,559		114
13,825	187,952	3,933,558	39,985	49,357	291,131	6,530,092	416,046	1,890	115
34,927	165,648	3,134,208	20,464	89,405	283,450	5,598,124	360,965	4,535	116
	4,200	105,076		1,924	3,786	171,815	45,570		117
	6,600	92,766	300	3,326	14,064	183,036	6,955	329	118
	7,822	68,779	3,080	2,177	15,139	210,565	11,730	230	119
	3,625	83,824		953	7,900	128,283	3,829	100	120
	5,129	119,315			13,634	184,982	13,022	325	121
	5,739	42,823	930		69	72,038	2,513		122
	2,595	45,445	1,680	1,028	3,855	78,961	832	285	123
34,927	129,938	2,576,180	14,474	79,997	225,003	4,568,444	276,514	3,260	124
	89,462	953,533	5,032		36,579	1,514,977	163,828	1,500	125
	8,680	68,429			1,352	158,467		31	126
	1,540	35,934			1,275	57,865			127
	10,900	76,767			3,390	137,118		305	128
	7,050	69,175	1,650		6,700	107,244	8,330		129
	<sup>21</sup> 3,000	55,760			3,613	74,662	3,000	30	130
	58,292	647,468	3,382		20,249	979,621	152,498	1,134	131
25,749	216,158	2,159,645	12,239	81,188	147,553	3,944,039	567,624	2,473	132
2,240	5,340	66,512	641	2,223	1,686	101,197	18,581		133
	9,047	42,813	1,200	2,313	1,435	82,851	62,651	271	134
	9,800	75,152		2,410	4,897	129,694	36,902	50	135
	7,432	55,165		1,153	1,289	92,523	15,587	32	136
	3,000	51,507		1,767	3,887	102,403	18,715	24	137
	5,766	73,320		2,580	5,265	120,181	8,911	62	138
	3,600	82,836	436	2,070	4,592	137,565	19,515	152	139
23,509	172,173	1,712,340	9,962	66,672	124,502	3,177,625	386,762	1,882	140
3,167	23,582	830,753	6,011	18,254	42,328	1,336,295	61,132	733	141
	9,083	101,502		4,555	7,395	179,314	14,243	325	142
	<sup>21</sup> 2,600	49,380		761	1,919	85,567	1,786		143
	2,532	95,410		1,713	6,155	137,726	8,724		144
	2,750	64,745	1,800	1,800	2,950	110,166	2,300	30	145
	<sup>21</sup> 2,750	51,373		942	2,131	78,400	3,166	35	146
3,167	3,867	468,343	4,211	8,483	21,778	745,122	30,913	343	147
13,650	83,781	1,147,469	3,145	33,853	61,410	1,822,910	78,212	1,147	148
	2,725	67,736		1,159	8,791	67,736	231	44	149
	8,808	71,784	1,650	1,903	5,311	121,700	1,484	48	150
	4,950	43,107	238	3,072	1,432	92,157		250	151
	7,400	45,300		3,795	356	71,689	2,100		152
	11,360	81,977	902		257	135,184	467	42	153
	2,895	42,537		974	527	62,700	4,611		154
8,700	41,224	795,028	355	22,950	44,743	1,271,744	69,319	763	155
	19,000	180,303		5,929	16,314	343,872	20,452	347	156
	<sup>22</sup> 7,000	63,553		1,469	7,104	124,734	14,925	295	157
	9,000	54,315		1,196	1,189	87,935	1,843	7	158
	3,000	62,435		3,264	8,021	131,203	3,684	45	159



Table 2.—Personnel, attendance, and fiscal data for,

GROUP V.—CITIES OF 2,500

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS											
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)			
				Men	Women	Boys	Girls						
	1	2	3	4	5	6	7	8	9	10			
160	NEW HAMPSHIRE		2	12	43	629	689	1,223	22.2	209			
161	Littleton		1	6	18	283	310	539	22.5	94			
162	Milford		1	6	25	346	379	684	22.1	115			
163	NEW JERSEY		13	51	269	1,295	19,892	19,515	33,594	21.5	6,170		
164	Belmar		22	1	1	23	315	304	493	20.5	89		
165	Cape May		21	1	7	20	292	301	485	18.0	84		
166	Hillsdale		21	1	3	17	270	228	424	21.2	77		
167	New Milford		21	1	5	18	374	339	619	26.9	112		
168	Wanaque		21	1	2	18	242	221	409	20.5	76		
169	Other cities		12	46	251	1,199	18,399	18,122	31,164	21.5	5,732		
170	NEW MEXICO		1	21	92	303	6,873	6,627	10,670	27.0	1,903		
171	Deming		3	12	44	1,006	1,037	1,492	26.6	269			
172	Hot Springs		2	8	27	24	722	24	722	939	26.8	169	
173	Lordsburg		2	5	25	497	500	803	26.8	145			
174	Socorro		2	8	25	533	456	820	24.8	148			
175	Other cities		1	12	59	182	4,115	3,912	6,616	27.5	1,172		
176	NEW YORK		18	145	766	2,529	42,121	40,148	70,157	21.3	12,774		
177	Albion		22	1	9	43	641	567	984	18.9	180		
178	Fort Plain		1	6	22	319	326	545	19.5	98			
179	Gowanda		22	1	9	30	521	483	866	22.2	167		
180	Homer		2	5	41	692	618	1,097	23.8	203			
181	Palmyra		1	8	28	452	394	773	21.5	143			
182	Saugerties		1	14	28	467	428	790	18.8	144			
183	Suffern		21	1	24	50	882	787	1,391	18.8	249		
184	Other cities		18	137	691	2,287	38,147	36,545	63,711	21.4	11,590		
185	NORTH CAROLINA		37	85	575	11,382	11,461	20,275	30.7	3,721			
186	Marion		6	5	65	1,286	1,262	2,367	33.8	445			
187	North Wilkesboro		1	5	30	571	565	995	28.4	179			
188	Southern Pines		1	4	29	492	470	801	24.3	144			
189	Wadesboro		4	6	46	882	912	1,520	29.2	274			
190	Other cities		25	65	405	8,151	8,252	14,592	31.0	2,679			
191	NORTH DAKOTA		5	10	37	731	743	1,308	27.8	236			
192	Grafton		3	5	20	6	392	6	394	686	27.4	124	
193	Wahpeton		2	5	17	6	339	6	349	622	28.3	112	
194	OHIO		7	95	576	1,601	31,738	30,834	56,542	26.0	10,039		
195	Bay Village		2	3	7	27	508	435	873	25.7	156		
196	Cadiz		1	8	24	415	389	777	24.3	137			
197	Geneva		22	1	33	24	549	24	549	988	29.9	163	
198	Pomeroy		2	11	16	372	359	663	24.6	111			
199	Rittman		1	2	6	22	447	470	840	30.0	150		
200	Sebring		21	1	6	27	466	504	795	24.1	152		
201	Westerville		1	11	25	573	566	1,042	28.9	183			
202	Other cities		4	84	527	1,427	28,408	27,562	50,564	25.9	8,987		
203	OKLAHOMA		2	106	193	870	15,512	15,173	27,663	26.0	4,979		
204	Drumright		1	3	5	38	713	724	1,185	27.6	214		
205	Mangum		2	3	32	502	589	842	24.1	152			
206	Marlow		3	6	23	459	485	779	26.9	140			
207	Pawnee		3	7	22	441	395	752	25.9	135			
208	Other cities		1	95	172	755	13,397	12,980	24,105	26.0	4,338		
209	OREGON		5	50	187	649	12,438	12,212	20,831	24.9	3,687		
210	Ashland		22	4	13	37	6	871	6	873	1,387	27.7	244
211	Coquille		1	2	7	26	439	459	790	23.9	141		
212	Dallas		3	12	35	649	590	1,083	23.0	185			
213	Lebanon		1	3	14	39	863	879	1,386	26.2	247		
214	Ontario		3	11	34	781	768	1,171	26.0	206			
215	Silverton		3	12	28	526	527	897	22.4	162			
216	Other cities		3	32	118	450	8,309	8,116	14,117	24.9	2,502		

See footnotes at end of table.



## public-school systems, by State and by city, 1947-48—Continued

TO 4,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)						
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses									
Supervisors	Principals	Teachers, and other instructional staff	Clerks											
11	12	13	14	15	16	17	18	19						
-----	8,200	124,716	975	3,003	8,363	204,740	4,245	-----	160					
-----	4,200	54,619	975	955	4,180	96,811	1,910	-----	161					
-----	4,000	70,097	-----	2,048	4,183	107,929	2,335	-----	162					
-----	35,365	191,804	3,839,281	68,629	108,735	285,599	7,309,931	580,982	4,702	163				
-----	3,365	4,500	59,940	2,680	2,124	3,753	142,234	-----	-----	164				
-----	<sup>21</sup> 3,726	67,679	1,400	2,728	4,950	140,163	-----	-----	-----	165				
-----	<sup>21</sup> 4,500	55,196	990	796	1,656	86,446	1,321	-----	-----	166				
-----	<sup>21</sup> 4,000	61,731	-----	808	2,467	132,519	2,212	-----	-----	167				
-----	<sup>21</sup> 4,000	44,270	-----	986	2,751	91,320	441	-----	-----	168				
-----	32,000	171,078	3,550,465	63,559	101,293	270,022	6,717,249	577,008	4,382	169				
-----	4,000	83,454	1,146,917	6,981	9,172	26,541	1,752,140	278,557	476	170				
-----	-----	12,294	172,786	-----	4,312	4,276	252,911	69,500	-----	18	171			
-----	-----	6,645	93,969	2,150	2,700	2,082	131,421	20,103	-----	-----	134	172		
-----	-----	7,700	94,765	-----	-----	2,177	133,789	-----	-----	-----	-----	173		
-----	-----	<sup>22</sup> 7,000	86,160	1,079	2,160	-----	127,858	-----	-----	-----	-----	18	174	
-----	4,000	49,815	699,237	3,752	-----	18,006	1,106,161	188,954	-----	-----	-----	306	175	
-----	65,802	560,122	9,095,829	172,026	123,044	607,605	15,806,323	829,666	11,898	176				
-----	-----	4,000	115,306	1,222	3,057	3,746	186,611	3,962	-----	-----	-----	295	177	
-----	-----	4,300	69,878	-----	-----	3,064	106,075	3,506	-----	-----	-----	80	178	
-----	-----	5,136	121,279	2,402	580	5,367	170,121	4,213	-----	-----	-----	-----	179	
-----	-----	9,550	114,545	973	2,030	6,505	205,918	33,668	-----	-----	-----	91	180	
-----	-----	5,000	94,362	2,400	100	6,523	157,345	13,500	-----	-----	-----	180	181	
-----	-----	4,000	104,884	-----	1,120	7,006	169,182	5,008	-----	-----	-----	89	182	
-----	<sup>21</sup> 5,525	225,627	-----	8,580	3,181	22,654	437,625	14,436	-----	-----	-----	916	183	
-----	65,802	522,611	8,249,858	156,449	112,976	550,740	14,373,446	751,373	10,247	184				
-----	-----	117,196	1,401,266	10,360	11,160	35,485	1,980,907	430,509	-----	-----	-----	650	185	
-----	-----	18,181	138,902	-----	2,547	2,424	195,248	14,664	-----	-----	-----	-----	186	
-----	-----	2,500	69,155	1,549	-----	534	86,309	-----	-----	-----	-----	-----	187	
-----	-----	3,465	76,734	-----	92	1,777	105,739	118,299	-----	-----	-----	4	188	
-----	-----	11,877	103,965	-----	-----	3,685	152,771	1,661	-----	-----	-----	41	189	
-----	-----	81,173	1,012,510	8,811	8,521	26,765	1,440,840	295,885	-----	-----	-----	605	190	
-----	-----	16,000	110,554	-----	2,039	8,839	182,161	5,822	-----	-----	-----	662	191	
-----	-----	9,000	55,606	-----	-----	4,406	92,932	3,111	-----	-----	-----	465	192	
-----	-----	7,000	54,948	-----	2,039	4,433	89,229	2,711	-----	-----	-----	197	193	
-----	28,140	287,095	5,324,892	37,252	129,913	175,138	9,024,230	1,458,054	7,839	194				
-----	9,450	11,891	87,147	3,887	1,475	6,939	214,541	56,999	-----	-----	-----	309	195	
-----	-----	3,708	78,314	1,320	2,278	122,485	4,986	-----	-----	-----	-----	47	196	
-----	-----	3,200	85,049	-----	2,853	3,991	146,295	32,500	-----	-----	-----	-----	197	
-----	-----	6,800	68,041	-----	548	1,220	109,299	3,222	-----	-----	-----	90	198	
-----	4,400	6,200	66,778	1,550	2,385	437	104,376	725	-----	-----	-----	414	199	
-----	-----	<sup>21</sup> 3,500	88,560	-----	1,165	4,152	136,246	136,725	-----	-----	-----	180	200	
-----	-----	3,500	90,506	-----	3,025	1,929	154,522	272,425	-----	-----	-----	291	201	
-----	14,290	248,296	4,760,497	30,495	115,833	154,192	8,036,466	950,472	6,508	202				
-----	5,610	319,576	2,311,012	2,800	1,200	66,500	3,466,343	284,428	1,185	203				
-----	2,610	9,064	88,780	-----	-----	4,198	147,206	3,806	-----	-----	-----	14	204	
-----	-----	7,350	108,000	1,800	1,200	3,800	154,300	-----	-----	-----	-----	58	205	
-----	-----	9,000	70,000	1,000	-----	7,500	120,050	-----	-----	-----	-----	-----	3	206
-----	-----	8,000	64,171	-----	-----	7,364	119,000	45,285	-----	-----	-----	34	207	
-----	3,000	286,162	1,980,061	-----	-----	43,638	2,925,787	235,337	-----	-----	-----	1,076	208	
-----	18,427	184,027	2,317,157	29,293	46,625	89,670	3,826,558	544,424	3,552	209				
-----	-----	15,296	134,144	3,652	2,192	5,712	222,747	6,300	-----	-----	-----	-----	210	
-----	<sup>21</sup> 3,733	7,467	88,970	-----	-----	5,100	150,750	11,100	-----	-----	-----	-----	13	211
-----	-----	9,800	123,290	900	1,620	2,740	188,982	11,340	-----	-----	-----	47	212	
-----	3,000	10,288	139,020	1,059	1,900	4,664	219,789	143,070	-----	-----	-----	315	213	
-----	-----	10,255	121,550	2,680	2,254	5,682	189,496	1,950	-----	-----	-----	21	214	
-----	-----	11,384	111,916	-----	2,001	3,289	171,436	7,298	-----	-----	-----	44	215	
-----	11,694	119,597	1,598,267	21,002	36,658	62,483	2,083,358	363,306	3,112	216				

Table 2.—Personnel, attendance, and fiscal data for

GROUP V.—CITIES OF 2,500

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS									
		Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)	
				Men	Women	Boys	Girls				
	1	2	3	4	5	6	7	8	9	10	
217	PENNSYLVANIA .....	39	88	806	2,205	36,618	36,270	63,586	21.1	11,553	
218	Aspinwall .....		2	9	26	400	406	775	22.1	142	
219	Birdsboro .....		21	7	23	275	300	521	17.4	94	
220	Lemoyne .....	1	1	12	20	382	385	728	22.8	131	
221	Norwood .....		1	1	15	159	136	276	17.3	51	
222	Patton .....		1	6	22	366	338	673	24.0	123	
223	Swarthmore .....		4	14	30	419	398	742	16.9	137	
224	Towanda .....		21	11	28	539	532	953	24.4	172	
225	Other cities .....	38	77	746	2,041	34,078	33,775	58,918	21.1	10,703	
226	RHODE ISLAND .....		1	8	24	414	355	683	21.3	123	
227	East Greenwich .....		1	8	24	414	355	683	21.3	123	
228	SOUTH CAROLINA .....		13	178	1,036	18,226	18,965	30,498	25.1	5,466	
229	Abbeville .....		2	7	37	724	692	1,268	28.8	228	
230	Batesburg-Leesville (P.O. Batesburg) .....		1	9	43	710	693	1,136	21.8	199	
231	Clover .....		1	2	30	482	479	823	25.7	144	
232	Mullins .....		21	11	42	871	874	1,388	26.2	248	
233	North Augusta .....		23	4	28	467	481	804	25.1	144	
234	Woodruff .....		21	9	44	869	818	1,411	26.6	252	
235	Other cities .....		6	136	812	14,103	14,928	23,668	25.0	4,251	
236	SOUTH DAKOTA .....	1	12	70	177	3,217	3,309	5,590	22.6	1,002	
237	Canton .....		21	9	17	240	246	434	16.7	77	
238	Pierre .....		22	1	10	25	24,462	806	23.0	154	
239	Sturgis .....		2	7	21	368	430	685	24.5	122	
240	Vermillion .....		4	9	21	378	391	680	22.7	122	
241	Other cities .....		4	35	93	1,775	1,780	2,985	23.3	527	
242	TENNESSEE .....		8	39	331	6,064	6,145	11,130	30.1	1,967	
243	Clinton .....		1	4	21	336	353	623	24.9	111	
244	McMinnville .....		2	4	28	558	575	1,000	31.3	175	
245	Sparta .....		1	1	18	333	345	620	32.6	112	
246	Sweetwater .....		21	1	22	399	367	674	30.6	119	
247	Tullahoma .....		21	3	31	808	813	1,496	44.0	263	
248	Other cities .....		2	27	211	3,630	3,692	6,717	28.2	1,187	
249	TEXAS .....	17	280	783	3,582	63,911	61,583	105,615	24.2	18,520	
250	Ballinger .....		3	8	41	484	459	785	16.0	137	
251	Comanche .....		1	6	27	490	443	824	25.0	145	
252	Stephenville .....		3	13	37	709	733	1,215	24.3	213	
253	Wharton .....		3	8	37	779	776	1,287	28.6	227	
254	Other cities .....	17	270	748	3,440	61,449	59,172	101,504	24.2	17,798	
255	VERMONT .....		5	5	14	70	1,051	1,132	1,902	22.6	335
256	Newport .....		2	4	25	367	350	615	21.2	105	
257	Waterbury .....		2	1	4	22	314	338	590	22.7	101
258	Windsor .....		3	2	6	23	370	444	697	24.0	129
259	VIRGINIA .....		1	3	15	73	1,300	1,221	2,212	25.1	398
260	Buena Vista .....		22	1	4	26	505	470	862	28.7	155
261	Williamsburg .....		1	2	11	47	795	751	1,350	23.3	243

See footnotes at end of table.

## public-school systems, by State and by city, 1947-48—Continued

TO 4,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)	
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses				
Supervisors	Principals	Teachers, and other instructional staff	Clerks						
11	12	13	14	15	16	17	18	19	
115,709	307,307	6,923,147	94,930	238,124	385,523	11,080,154	344,864	5,499	217
	5,500	90,000	2,200	3,000	13,000	160,500	7,000	60	218
	<sup>21</sup> 3,575	63,850		1,510	4,284	99,650	2,036	114	219
4,000	3,350	83,856	2,000	3,511	2,848	128,120	2,303	91	220
	<sup>21</sup> 3,749	28,848	800	1,054	1,441	100,590	6,030	64	221
	2,458	60,855		2,028	5,637	95,002	8,879	26	222
	15,541	138,738	7,395	2,264	7,554	233,718	5,610	155	223
	<sup>21</sup> 3,500	91,378	1,535	1,901	4,118	135,172	623	32	224
111,709	269,634	6,365,622	81,000	222,856	346,641	10,127,402	312,383	4,957	225
	3,720	84,256	1,560	1,780	3,031	127,838	2,049	134	226
	3,720	84,256	1,560	1,780	3,031	127,838	2,049	134	227
	42,419	2,212,455	2,820	313	56,235	2,948,941	108,450	749	228
	<sup>21</sup> 6,000	80,000			2,500	113,600	2,500	40	229
	3,596	88,899	45		4,741	142,141	3,639	78	230
	3,603	70,636	1,200		2,281	117,189	10,800		231
	<sup>21</sup> 3,500	91,179			2,506	122,042	2,518	9	232
	3,500	52,329			534	67,895	3,074	19	233
	<sup>21</sup> 3,500	100,624			4,939	132,317	1,791	33	234
	18,720	1,728,788	1,575	313	38,734	2,253,757	84,128	570	235
4,131	34,594	576,106	5,922	17,529	24,052	896,833	91,972	312	236
	<sup>21</sup> 3,000	63,047	135	1,666	2,697	93,309	2,545		237
4,131	3,208	79,183	3,401	1,549	1,374	123,839	55,309	24	238
	6,366	64,141		2,428	379	91,841	3,853	20	239
	11,620	70,304	1,804	2,460	731	120,366	582		240
	10,400	299,431	582	9,426	18,871	467,478	29,683	268	241
	20,938	642,054	3,847	3,630	31,117	902,341	29,285	205	242
	3,598	37,814		300	1,403	62,571	7,845	5	243
	4,000	56,000	1,500	1,300	3,750	81,850		200	244
	2,790	32,129		500	1,003	44,094			245
	<sup>21</sup> 3,000	30,213			1,391	46,002	652		246
	<sup>21</sup> 3,500	102,657			3,211	143,269			247
	4,050	383,241	2,347	1,530	20,354	524,555	20,788		248
59,870	913,410	11,127,980	83,349	13,472	436,678	16,944,697	5,639,182	26,742	249
	14,127	113,944	1,225		5,665	160,837		116	250
	3,080	85,671			1,399	133,839	21,496	70	251
	8,953	119,258			3,260	167,000	13,160	133	252
	10,425	118,660	1,500		4,491	164,949	14,517	75	253
59,870	876,825	10,690,447	80,624	13,472	421,863	16,318,072	5,590,009	26,348	254
13,300	20,010	164,792	1,319	8,248	17,750	326,852	1,693	223	255
	9,710	52,326	28	4,124	422	100,370		84	256
4,900	3,700	52,271		1,832	1,423	90,439	1,693	54	257
8,400	6,600	60,195	1,291	2,292	15,905	136,043		85	258
2,100	9,300	169,661	3,379	1,370	11,679	252,456	70,299	74	259
	2,000	51,352			2,959	70,769	65,536	74	260
	2,100	118,309	3,379	1,370	8,720	181,687	4,763		261

Table 2.—Personnel, attendance, and fiscal data for

GROUP V.—CITIES OF 2,500

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS									
	Supervisors	Principals	Instructional staff <sup>1</sup>		Enrollment		Average daily attendance	Pupil-teacher ratio (a.d.a. basis)	Aggregate days attended (in thousands)	
			Men	Women	Boys	Girls				
1	2	3	4	5	6	7	8	9	10	
262 WASHINGTON.....	15	72	280	867	18,170	16,927	28,995	25.3	5,192	
263 Auburn.....	1	5	24	66	1,355	1,283	2,160	24.0	383	
264 Colfax.....		3	14	22	430	366	759	21.1	129	
265 Chehalis.....	1	4	13	35	783	726	1,280	26.7	231	
266 Dayton.....		2	10	19	379	350	639	22.0	115	
267 Kent.....		22	85		1,120	1,094	1,949	22.9	351	
268 Mt. Vernon.....		3	22	49	1,009	827	1,532	25.1	276	
269 Omak.....		4	14	29	651	671	1,116	26.0	201	
270 Other cities.....	13	45	183	562	12,443	11,610	19,560	26.3	3,506	
271 WISCONSIN.....	7	40	343	906	15,442	15,636	28,803	23.1	5,111	
272 Algoma.....		21	8	12	232	253	446	22.3	81	
273 Burlington.....		21	9	24	366	332	618	18.7	110	
274 Greendale.....		21	7	29	392	361	731	20.3	135	
275 Hurley.....		22	7	14	35	599	625	1,055	21.5	184
276 Kewaunee.....		21	7	12	203	225	416	21.9	76	
277 Spooner.....		1	12	22	470	470	833	24.5	145	
278 Tomah.....		1	11	27	470	525	974	25.6	172	
279 Other cities.....	3	27	275	745	12,710	12,845	23,730	23.3	4,208	
280 WYOMING.....	12	39	166	3,032	2,961	5,077	24.8	889		
281 Cody.....		1	6	36	589	551	940	22.4	167	
282 Evanston.....		5	5	30	459	472	817	23.3	144	
283 Green River.....		3	7	21	415	389	696	24.9	122	
284 Lander:										
Elementary District.....		21	1	2	15	308	287	498	29.3	87
285 High-School District.....		1	6	5	139	132	258	23.5	44	
286 Riverton.....		1	6	31	554	578	921	24.9	161	
287 Worland.....			7	28	568	552	947	27.1	164	

<sup>1</sup> Includes persons rendering services supplementary to classroom instruction in libraries, study halls, guidance, health, and psychological work, etc., provided more than half their time is given to such instruction.

<sup>2</sup> Includes the following six major accounts: (1) General Control (Administration); (2) Instruction; (3) Operation of school plant; (4) Maintenance of school plant; (5) Auxiliary Services; (6) Fixed Charges. Does not include interest nor any expenditures for adult education, summer, part-time, night, and other types of school work extraneous to the full-time day school program. See Table 1.—Comparative Summary for Part-time and Summer Schools.

<sup>3</sup> Separation by sex not reported, or reported as unavailable. Distributed on the basis of the prevailing relationship computed for each State in which instances of this kind occur.

<sup>4</sup> Not reported.

<sup>5</sup> Reported as "furnished by the State."

<sup>6</sup> Not reported by sex. Distributed arbitrarily.

<sup>7</sup> Total amount, only, reported for Instruction item. Distributed on basis of salary schedules prevailing in Oklahoma City. Data secured from Oklahoma State Department of Education.

<sup>8</sup> Not reported. Used 1945-46 data.

<sup>9</sup> Not reported, separately. Estimated on basis of 1945-46 figures, and deducted from total reported for Instruction salaries.

<sup>10</sup> Elementary data, only. Public high schools privately endowed, hence not reported for this survey of publicly supported education.

<sup>11</sup> "None" reported for amount of school bonds outstanding. Amount reported represents anticipation warrants \$1,225,341, plus Education building fund, \$280,844.



public-school systems, by State and by city, 1947-48—Continued  
TO 4,999 POPULATION—Continued

INSTRUCTIONAL EXPENDITURES FOR FULL-TIME DAY SCHOOLS						Total current expenditures <sup>2</sup> for full-time day schools	Capital outlay for plant and equipment	Bonds outstanding, and all other forms of school debts (in thousands)
Salaries and wages				Textbooks free to all pupils	Supplies, school libraries, and other instructional expenses			
Supervisors	Principals	Teachers, and other instructional staff	Clerks			15	16	17
11	12	13	14	15	16	17	18	19
66,049	298,770	3,645,689	47,335	64,771	226,172	6,447,477	1,354,683	3,945
3,400	20,610	269,219	-----	6,898	16,630	485,630	73,593	233
-----	16,208	104,206	35	1,993	720	186,155	8,645	272
3,180	14,280	147,210	150	2,727	11,882	285,865	8,214	275
-----	7,567	91,417	-----	3,014	7,302	166,302	24,573	220
-----	25,403	265,225	1,639	3,045	16,452	468,146	56,686	244
-----	12,000	223,196	3,705	4,597	16,551	370,340	49,008	424
-----	15,900	137,000	-----	3,000	13,000	252,080	300,000	80
59,469	186,802	2,408,216	41,806	39,497	143,635	4,232,959	833,964	2,197
22,391	143,063	3,118,307	46,554	73,357	232,635	5,166,353	193,959	1,097
-----	21 3,500	44,033	863	903	2,649	68,788	760	7
-----	21 3,500	78,440	1,850	1,700	1,588	145,939	998	273
-----	21 3,576	93,445	1,800	1,691	8,493	149,116	-----	274
13,086	21,611	93,401	-----	1,948	10,991	240,387	2,258	275
-----	21 3,357	49,401	-----	636	3,951	73,282	3,659	10
-----	3,758	84,400	1,610	2,702	4,943	157,934	13,233	220
-----	4,837	89,035	-----	2,561	9,901	175,674	5,837	80
9,305	98,924	2,586,152	40,431	61,216	191,035	4,155,233	167,214	1,000
-----	37,259	482,432	-----	15,372	29,281	855,503	120,743	1,104
-----	4,102	105,685	-----	4,017	4,150	175,015	26,444	452
-----	15,803	83,560	-----	1,972	4,697	152,535	5,779	33
-----	9,129	67,373	-----	2,155	5,493	123,975	5,323	88
-----	21 3,000	30,690	-----	2,104	1,074	52,844	13,019	36
-----	2,144	24,234	-----	460	2,784	55,646	10,505	23
-----	3,081	84,059	-----	2,283	2,464	134,853	38,324	92
-----	-----	86,831	-----	2,381	8,619	160,635	21,349	380

<sup>12</sup> Includes 4 junior high schools in the elementary district.

<sup>13</sup> Includes the city-maintained junior college in Joliet, Ill.

<sup>14</sup> Included with teachers' salary amount.

<sup>15</sup> Clerks' salaries charged to Administration, thus not shown as separate amount for Instruction account.

<sup>16</sup> No response to requests for 1947-48 report. Used 1945-46 data.

<sup>17</sup> School districts in Massachusetts are fiscally dependent on the municipality. Having no taxing authority, school districts make no separate accounting of any indebtedness incurred for school plant. Data are available at the city treasurers' office, but are not readily secured nor easy to separate from the city general debt service accounts.

<sup>18</sup> North Carolina operates on a rental system in furnishing textbooks.

<sup>19</sup> School library expense. None reported for instruction supply expense.

<sup>20</sup> Combined for the two former independent city school districts of Beaumont, viz. City District and French District. These were merged September 13, 1948, and operate now under title of Beaumont Independent School District.

<sup>21</sup> Not reported. Shifted from administration, teacher, or supervisor.

<sup>22</sup> Not reported, estimated on basis of expenditure and on previous reports.

<sup>23</sup> Totals only were reported. Breakdown estimated.

<sup>24</sup> Estimated on basis of 1945-46 data.

<sup>25</sup> Included with supplies.





Northwestern University

*Biennial Survey of Education in the United States—1946-48*

J. W. Jewell Scholarship Library

*Chapter 4*

Statistics  
of  
Higher Education

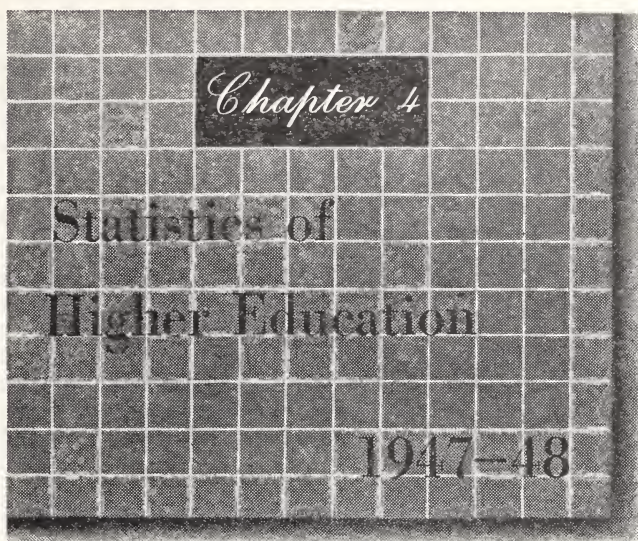
*1947-48*

FEDERAL SECURITY AGENCY

Office of Education



*Biennial Survey of Education in the United States, 1946-48*



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Office of Education • EARL JAMES McGRATH, *Commissioner*

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# CONTENTS

	Page
FOREWORD.....	vii
NUMBER AND DISTRIBUTION OF INSTITUTIONS.....	4
GENERAL TRENDS.....	4
Population and student enrollment.....	5
Institutions for the higher education of Negroes.....	7
STAFF.....	9
STUDENTS.....	11
Sex of students.....	11
Enrollments by control and level of institution.....	12
Regional distribution of enrollment.....	14
Enrollment third week of fall term.....	15
First-time students.....	15
Students by level of work.....	19
Veterans of World War II.....	20
Special types of students.....	23
DEGREES.....	23
INCOME.....	26
Current income.....	27
Educational and general fund income.....	27
Per capita income.....	30
Percentage analysis of current income.....	33
Student fees.....	39
Public sources.....	40
Endowment earnings.....	41
Private gifts and grants.....	41
Sales and services.....	42
Miscellaneous income.....	42
Total educational and general income.....	43
Auxiliary enterprises and activities.....	43
Other noneducational income.....	43
Plant fund income.....	44
Private gifts and grants for nonexpendable funds.....	44
EXPENDITURES.....	45
Grand total of expenditures.....	45
Educational and general expenditures.....	46
Percentage analysis of current expenditures.....	46
Administration and general expense.....	46
Resident instruction.....	47
Libraries.....	47
Plant operation and maintenance.....	47
Related activities.....	48
Total educational and general, campus.....	48

	Page
Organized research.....	48
Extension.....	48
Total educational and general expenditures.....	48
Auxiliary enterprises and activities.....	48
Other noneducational expenditures.....	49
Expenditures for plant expansion .....	49
FUND AND PLANT VALUES.....	49

## TEXT TABLES

I. Number of institutions of higher education, by control, type, division, and State, 1948.....	2
II. Population and student enrollment in higher education, 1900 to 1948.....	5
III. Junior colleges and their enrollment, 1917-18 to 1947-48 .	6
IV. Summary of statistics of institutions for the higher education of Negroes, 1947-48.....	7
V. Staff, institutions of higher education, by control and type of institution, and by sex of staff member, 1947-48....	10
VI. Resident instructional staff, institutions of higher education, 1929-30 to 1947-48.....	10
VII. Resident instructional staff in noncollegiate work, excluding critic teachers, in institutions of higher education, 1939-40 to 1947-48.....	11
VIII. Summary of resident college enrollment, institutions of higher education, 1929-30 to 1947-48.....	12
IX. Resident college enrollments, institutions of higher education, by control and type of institution, and by sex of student, 1947-48.....	13
X. Resident college enrollment in higher education, by control of institution and by classification and sex of student, 1939-40 and 1947-48.....	14
XI. Resident college enrollment, institutions of higher education, by division and State, 1929-30 and 1939-40 to 1947-48.....	16
XII. Resident college enrollment, regular session, and enrollment third week of fall term, institutions of higher education, 1931-32 to 1947-48.....	18
XIII. Resident college enrollment and number of students registered for the first time in any college, institutions of higher education, 1931-32 to 1947-48.....	19
XIV. Special students in arts and sciences and certain professional schools, institutions of higher education, 1947-48.....	20
XV. Population and student enrollment in non-Federal institutions of higher education, by military status of student and by location of institution, 1947-48.....	21
XVI. Student enrollment, institutions of higher education, by control and type of institution, and by type of enrollment, 1947-48.....	24

	Page
XVII. Historical summary of earned degrees, institutions of higher education, by level of degree, 1899-1900 to 1947-48.....	26
XVIII. Earned degrees conferred by institutions of higher education, by sex of recipient, level of degree, and geographic division, 1939-40 to 1947-48.....	28
XIX. Educational and general income of non-Federal institutions of higher education, by geographic division, 1939-40 to 1947-48.....	30
XX. Current receipts per capita from public sources and from private gifts and grants, non-Federal institutions of higher education, 1947-48.....	32
XXI. Educational and general, and noneducational income, non-Federal institutions of higher education, by source, 1927-28, 1937-38, and 1947-48.....	35
XXII. Percentage analysis of current income, institutions of higher education, by control and type of institution, and by fund and source of income, 1947-48.....	36
XXIII. Receipts for plant expansion, non-Federal institutions of higher education, by geographic division, 1939-40 and 1947-48.....	44
XXIV. Educational and general expenditures, non-Federal institutions of higher education, by geographic division, 1939-40 to 1947-48.....	46
XXV. Percentage analysis of current expenditures, institutions of higher education, by control and type of institution, and by fund and purpose of expenditure, 1947-48.....	50
XXVI. Expenditure for plant expansion, institutions of higher education, by control and type of institution, 1947-48..	52
XXVII. Fund and plant values, institutions of higher education, 1940 and 1948.....	53

### NATIONAL SUMMARY TABLES

1. Historical summary of institutions of higher education, 1899-1900 to 1947-48.....	55
2. Staff, students, and degrees, institutions of higher education, 1947-48 and 1945-46.....	56
3. Income, expenditures, and property, institutions of higher education, 1947-48 and 1945-46.....	58

### STATE SUMMARY TABLES

4. Staff, students, and degrees, institutions of higher education, by State, 1947-48:	
A. All institutions.....	60
B. Publicly controlled institutions.....	62
C. Privately controlled institutions.....	64
5. Staff, institutions of higher education, by type of work and State, 1947-48:	
A. All institutions.....	66

	Page
B. Publicly controlled institutions . . . . .	68
C. Privately controlled institutions . . . . .	70
6. Students by classification and sex, institutions of higher education, by State, 1947-48:	
A. All institutions . . . . .	72
B. Publicly controlled institutions . . . . .	74
C. Privately controlled institutions . . . . .	76
7. Students in arts and sciences and in professional schools, by level of training, by sex, and by State, 1947-48 . . . . .	78
8. Current income, institutions of higher education, by State, 1947-48:	
A. All institutions . . . . .	82
B. Publicly controlled institutions . . . . .	84
C. Privately controlled institutions . . . . .	86
9. Private gifts and grants to endowment and other nonexpendable funds, institutions of higher education, by control and State, 1947-48 . . . . .	88
10. Receipts specifically designated for plant extension, institutions of higher education, by type, control, and State, 1947-48 . . . . .	91
11. Current expenditures, institutions of higher education, by State, 1947-48:	
A. All institutions . . . . .	92
B. Publicly controlled institutions . . . . .	94
C. Privately controlled institutions . . . . .	96
12. Expenditures for plant extension, institutions of higher education, by type, control, and State, 1947-48 . . . . .	99
13. Property, institutions of higher education, by State, 1947-48:	
A. All institutions . . . . .	100
B. Publicly controlled institutions . . . . .	102
C. Privately controlled institutions . . . . .	104

# FOREWORD

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HIGHER EDUCATION is playing an ever-increasing part in American life. More persons are going to college and more are graduating than ever before. In consequence, more college training is expected of candidates for positions of trust in our economic, social, and community life than at any other period in the history of the Nation.

This chapter brings down to 1947-48 the series of statistical reports on higher education begun in 1870, carried on annually to 1916, and continued on a biennial basis since that date. It consists in large measure of a compilation of reports from the 1,788 higher educational institutions located in the 48 States and the District of Columbia and the 5 located in the outlying parts of the United States. For the first time since 1939-40, the report presents data on physical property and permanent funds.

HERBERT S. CONRAD, *Chief*  
*Research and Statistical Service*

RALPH C. M. FLYNT, *Director*  
*Division of Special Educational Services*





# STATISTICS OF HIGHER EDUCATION, 1947-48

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**A**MONG the outstanding characteristics of higher education in the United States are its wide diffusion and its accessibility to the general public. Every State has within its borders at least one university offering education in the liberal arts and professional training of one or more types; practically every State has at least one teacher-education institution (not necessarily under the control of the State, but located within its borders); almost every State includes at least one junior college. Furthermore, hardly a city of 100,000 population or more is without higher educational facilities of some sort.

The number and type of institutions vary widely according to local conditions or local aspirations. Thus, in the East and South privately controlled institutions tend to outnumber those under public control, whereas west of the Mississippi River the tendency is toward public control of higher education.

Another factor in determining the number of institutions is that of definition of the term "institution of higher education." The present compilations include all institutions meeting the following criteria, as set up in the Higher Education section of the Educational Directory of the Office of Education for 1947-48<sup>1</sup>:

## A. UNIVERSITIES, COLLEGES, AND TEACHERS COLLEGES:

1. Accredited by the following agencies:
  - (a) Association of American Universities.
  - (b) American Association of Teachers Colleges.
  - (c) Middle States Association of Colleges and Secondary Schools.
  - (d) North Central Association of Colleges and Secondary Schools.
  - (e) Northwest Association of Secondary and Higher Schools.
  - (f) Southern Association of Colleges and Secondary Schools.
  - (g) State universities and State departments of education.
2. All State-supported institutions.
3. Four-year institutions which are not accredited by any agency but which enroll 100 or more resident college students in regular session and graduate at least 10 students annually.

---

<sup>1</sup> Educational Directory, 1947-48, Part 3, Higher Education. Washington, U.S. Government Printing Office, 1948. p. 6-7.



	276	174	28	74	82	174	42	28	12	194	132	62
SOUTH ATLANTIC.....												
Delaware.....	4	3		1	2	3	2	5		2	1	1
Maryland.....	31	22	5	4	11	11	3	2	3	20	10	1
Virginia.....	45	31	2	12	11	10	10	2		33	12	12
West Virginia.....	11	6	6	2	10	4	6	6		7	7	2
North Carolina.....	19	27	13	19	17	6	6	1		39	21	18
South Carolina.....	32	21	3	8	7	4	4	3		23	17	8
Georgia.....	52	31	2	19	12	4	4	2	8	33	22	11
Florida.....	17	12	2	3	3	3	3	2		12	9	3
District of Columbia.....	24	16	2	6	3		1	2		21	15	6
EAST SOUTH CENTRAL.....	145	79	17	49	44	15	15	15	14	101	64	35
Kentucky.....	40	20	4	16	9	4	4	3	2	31	16	14
Tennessee.....	46	33	5	8	7	3	3	4		39	30	1
Alabama.....	26	15	5	6	9	4	4	5		17	11	8
Mississippi.....	33	11	3	19	19	4	4	3	12	14	7	6
WEST SOUTH CENTRAL.....	164	80	16	68	87	23	23	16	48	77	57	7
Arkansas.....	24	13	2	9	12	4	4	2	6	12	9	20
Louisiana.....	18	17	1	12	6	5	5	1		12	12	3
Oklahoma.....	37	12	6	19	28	5	5	6	17	9	7	2
Texas.....	85	38	7	40	41	9	9	7	25	44	29	15
MOUNTAIN.....	65	32	12	21	47	17	17	11	19	18	15	2
Montana.....	11	5	3	3	8	3	3	2	3	3	2	1
Idaho.....	9	4	2	1	6	2	2	2	2	3	2	1
Wyoming.....	2	1		1	2							
Colorado.....	18	8	3	7	12	3	3	3	6	6	5	1
New Mexico.....	8	5	2	1	7	4	4	2	1	1	1	1
Arizona.....	6	2	2	2	5	1	1	2	2	1	1	1
Utah.....	10	6		4	6	2	2	4	4	4	4	4
Nevada.....	1	1			1	1	1					
PACIFIC.....	144	72	13	59	71	6	6	12	53	73	66	6
Washington.....	26	12	4	10	14	2	2	3	9	12	10	1
Oregon.....	20	3	2	6	6	3	3	3	1	14	13	1
California.....	98	45	6	47	51	2	2	6	43	47	43	4
U. S. SERVICE ACADEMIES.....	4	4			4	4	4					
Outlying parts of the United States.....	5	4		1	4	3	3		1	1	1	
Alaska.....	1	1			1	1	1					
Canal Zone.....	1	1			1	1	1					
Hawaii.....	1	1			1	1	1					
Puerto Rico.....	2	2			1	1	1			1	1	

- B. INDEPENDENT PROFESSIONAL AND TECHNOLOGICAL SCHOOLS:
1. Accredited by professional associations or approved by State universities or State departments of education.
  2. Not accredited by any agency but which enroll 25 or more resident students of college grade in regular session and graduate at least 5 students annually.
- C. JUNIOR COLLEGES AND NORMAL SCHOOLS:
1. Accredited by the agencies listed under A-1 (above).
  2. Not accredited by any agency but which—
    - (a) Require high-school graduation for entrance.
    - (b) Offer 2 years of work of college grade.
    - (c) Enroll 50 or more resident students of college grade in regular session.

Also included in the present compilations are the county normal schools in Michigan and Wisconsin, although some of these schools offer only 1 year of work above the secondary level of difficulty. Excluded are branch institutions, in spite of the fact that some of these branch institutions are themselves large and complex organizations. Institutions located in the outlying parts of the United States are not included in the continental United States totals, but are tabulated separately below the larger group.

### *Number and Distribution of Institutions*

Applying the above-mentioned limitations to the present inquiry yields a continental United States total of 1,788 institutions as of the school year 1947-48. Of this group 1,056, or 59.1 percent, were of the university, college, and professional school type; 260, or 14.5 percent, were teachers colleges or normal schools; and 472, or 26.4 percent, were junior colleges.

### *General Trends*

I. The expansion of American higher education, which has been persistent and virtually uninterrupted for at least 50 or 60 years, continued into 1947-48. The number of institutions rose to 1,788 during 1947-48, marking an increase of 1.1 percent over the 1945-46 total of 1,763, and a gain of 83.0 percent, or 811 institutions, over the 977 reported in 1900.

The number of staff members also rose sharply. Whereas in 1900 1 person in every 3,184 of the total population of the United States was a member of a college or university faculty, in 1948, 1 in every 653 was so employed. The increase in employment of women as college teachers<sup>2</sup> was more striking than that of men. During the

---

<sup>2</sup> Throughout this chapter the term "college" is used to include not only 4-year colleges proper, but also junior colleges, technical institutions offering work of college grade, universities, and institutions for the education of teachers. The term "institutions of higher education," "institutions," and "colleges" are synonymous, unless otherwise specified.



48-year period, the number of men on college faculties was multiplied by 19.8, but that of women was multiplied by 27.0 (table 1).<sup>3</sup>

### Population and student enrollment

The tremendous growth of higher education is further shown by comparison of student enrollment with total population. Thus, although between 1900 and 1948, the total population of the United States nearly doubled (table II), student enrollment in higher

Table II.—Population and student enrollment in higher education, 1900 to 1948

Year	Population <sup>1</sup>		Student enrollment in higher education <sup>2</sup>		
	Total	Ages 18 to 21, inclusive	Number	Percent of—	
				Total population	Population, ages 18 to 21
1	2	3	4	5	6
1900.....	75,994,575	5,930,765	237,592	0.31	4.01
1905.....	84,219,378	6,583,109	264,345	.31	4.02
1910.....	91,972,266	7,335,453	355,213	.38	4.84
1915.....	99,342,625	7,339,624	403,558	.41	5.50
1918.....	103,587,955	7,342,126	440,742	.43	6.00
1920.....	105,710,620	7,343,794	597,880	.57	8.14
1922.....	109,872,675	7,680,383	681,076	.62	8.87
1924.....	113,202,319	8,016,972	823,063	.73	10.27
1926.....	116,531,963	8,353,561	917,462	.79	10.98
1928.....	119,861,607	8,690,150	1,053,955	.88	12.13
1930.....	123,076,685	9,033,000	1,100,737	.89	12.19
1932.....	124,839,982	9,128,000	1,154,117	.92	12.64
1934.....	126,372,877	9,211,000	1,055,360	.84	11.46
1936.....	128,051,867	9,260,000	1,208,227	.94	13.05
1938.....	129,823,200	9,395,000	1,350,905	1.04	14.38
1940.....	131,669,275	9,753,537	1,494,203	1.13	15.32
1942.....	134,407,385	9,853,000	1,403,990	1.04	14.25
1944.....	138,083,449	9,776,000	1,155,272	.84	11.82
1946.....	143,414,000	9,537,000	1,676,851	1.17	17.58
1948.....	146,114,000	9,273,000	2,616,262	1.79	28.21
Increase, 1900 to 1948					
Number.....	70,119,425	3,342,235	2,378,670	-----	-----
Percent.....	92.27	56.35	1,001.16	-----	-----

<sup>1</sup> Estimates as of July 1, from the U.S. Bureau of the Census, including armed forces overseas. Estimates for 1942 and later years subject to revision upon completion of 1950 census.

<sup>2</sup> Resident college enrollments, for regular session only, ended in June of years shown (excludes correspondence, extension, and off-campus students).

education increased more than tenfold. The total higher education enrollment for 1947-48 included more than a million veterans of World War II, whose education was partially paid for by the Federal Government. Nevertheless, even if it be assumed that none of these veterans would be in college without this Federal subvention,

<sup>3</sup> Throughout this chapter, tables with Roman numerals are derivative tables and will be found in various places in the textual discussion. Tables with Arabic numerals present National and State summaries and will be found in serial order following the text.

it still appears that the number of non-veterans in 1947-48 was something like 5 or 6 times the total number of students in 1899-1900.

The sharp increase in student enrollment was accompanied by an increase in the number of degrees conferred. Thus, whereas from 1900 to 1948 the total enrollment in higher education was multiplied by 10.0, the number of bachelor's degrees conferred was multiplied by 9.9, that of doctor's by 11.4, and that of master's by 26.8 (table XVII).

The amount of money received and spent for higher education, the investment in plant and physical facilities, and the amount of permanent or quasi-permanent endowment funds likewise increased, although as a rule these increases were not as spectacular as those in the various personnel fields.

II. Changing times and changing conditions are normally accompanied or followed by changes in organization. The rise of the junior college—a peculiarly American institution—has been mentioned in previous Biennial Surveys of Education and is a case in point (table III).

*Table III.—Junior colleges and their enrollment, 1917-18 to 1947-48*

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	2,940	42	5,162
1921-22.....	80	12,124	17	4,771	63	7,353
1923-24.....	132	20,559	39	9,240	93	11,319
1925-26.....	153	27,095	47	13,859	106	13,236
1927-28.....	248	44,855	114	28,437	134	16,418
1929-30.....	277	55,616	129	36,501	148	19,115
1931-32.....	342	85,063	159	58,887	183	26,176
1933-34.....	322	78,480	152	55,869	170	22,611
1935-36.....	415	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	60,884	203	28,324
1945-46.....	464	156,456	242	109,640	222	46,816
1947-48.....	472	240,193	242	178,196	230	61,977
Percent of all higher education.....	26.4	9.2	38.4	13.4	19.9	4.8
Average enrollment per institution.....		509		736		269

Another example of this evolutionary process is seen in the growth and decline of the county normal school movement. Always small, highly localized institutions, the county normal schools of the Nation once enrolled more than 4,200 students in nearly 100 institutions scattered over 8 States. By 1947-48, however, only 43

institutions of this type were reported, from only 2 States. The total 1947-48 enrollment of these schools was set at 1,066, an average of just under 25 per school.

### *Institutions for the higher education of Negroes*

There are 103 institutions attended entirely or predominantly by Negroes, or 5.8 percent of the total number of institutions listed in 1947-48 (table IV). For the most part, these institutions are located in the Southern States, but 2 each are reported from Missouri, Ohio, and Pennsylvania.

In general, these institutions enroll fewer students per school than institutions attended entirely or predominantly by white persons. The average number of students in the Negro institutions in 1947-48 was 771, as contrasted with an average of 1,506 for the 1,685 other institutions.

The comparative smallness of the institutions attended entirely or predominantly by Negroes is also shown by the fact that they had only 3.0 percent of the Nation's teaching and administrative staff (full-time equivalent), 3.0 percent of the student enrollment,

**Table IV.—Summary of Statistics of Institutions for the Higher Education of Negroes, 1947-48**

Item	All higher education	Institutions for higher education of Negroes <sup>1</sup>	
		Number or amount	Percent of all higher education <sup>2</sup>
1	2	3	4
I. Number of institutions.....	1,788	103	5.8
<b>STAFF, STUDENTS, AND DEGREES</b>			
II. Staff (full-time equivalent).....	196,300	5,851	3.0
Men.....	143,243	3,379	2.4
Women.....	53,057	2,472	4.7
III. Resident college enrollment			
A. Regular session: Total.....	2,616,262	79,391	3.0
Men.....	1,836,339	42,469	2.3
Women.....	779,923	36,922	4.7
1. First time in any college: Total.....	609,737	24,129	4.0
Men.....	410,685	13,260	3.2
Women.....	199,052	10,869	5.5
2. Graduate students: Total.....	174,432	1,984	1.1
Men.....	120,177	863	0.7
Women.....	54,255	1,121	2.1
B. Summer session, 1947: Total.....	955,429	39,507	4.1
Men.....	632,086	16,340	2.6
Women.....	323,343	23,167	7.2

See footnotes on page 8.

Table IV.—Summary of Statistics of Institutions for the Higher Education of Negroes, 1947-48—Continued

Item	All higher education	Institutions for higher education of Negroes <sup>1</sup>	
		Number or amount	Percent of all higher education <sup>2</sup>
1	2	3	4
IV. Degrees			
A. Bachelor's or first professional: Total.....	271,019	8,504	3.1
Men.....	175,456	3,062	1.7
Women.....	95,563	5,442	5.7
B. Master's: Total.....	42,400	433	1.0
Men.....	28,899	184	0.6
Women.....	13,501	249	1.8
FINANCES (amounts in thousands of dollars, i.e., \$000 omitted)			
V. Educational and general income: Total.....	\$1,538,076	\$ 38,320	2.5
A. From student fees <sup>3</sup> .....	304,601	7,312	2.5
B. From public sources <sup>3</sup> .....	926,298	22,791	2.5
C. From endowment earnings.....	86,680	2,160	2.5
D. From private benefactions.....	91,468	3,716	4.1
E. From other sources.....	129,049	2,341	1.8
VI. Receipts (gifts and grants) for nonexpendable funds.....	75,879	1,522	2.0
VII. Educational and general expenditures: Total <sup>4</sup> .....	1,391,594	36,216	2.6
A. For resident instruction.....	657,945	18,234	2.8
B. For libraries.....	44,208	1,218	2.8
C. For research.....	159,090	1,521	1.0
VIII. Property			
A. Value of physical plant <sup>5</sup> .....	3,691,725	110,650	3.0
B. Amount of endowment and other nonexpendable funds: Total	2,497,727	53,230	2.1
Endowment funds.....	2,252,813	49,904	2.2
Funds temporarily functioning as endowment.....	131,674	2,986	2.3
Annuity funds.....	69,050	79	0.1
Student loan funds.....	44,190	261	0.6

<sup>1</sup> Columns 3 and 4 do not include institutions of higher education attended entirely or predominantly by white persons.

<sup>2</sup> Percents of financial data based on rounded numbers given in columns 2 and 3.

<sup>3</sup> Student fees of veterans paid by Veterans' Administration are included under public sources and not under student fees.

<sup>4</sup> Includes some items not listed below.

<sup>5</sup> Not including unexpended plant funds.

conferred only 3.1 percent of the bachelor's degrees, received only 2.5 percent of the educational and general income, and had only 3.0 percent of the total educational plant and 2.1 percent of the permanent funds of all higher education.

Of special interest, however, is the increase in advanced work offered at these institutions. Whereas in 1939-40 they had only 671 graduate students,<sup>4</sup> in 1947-48 they enrolled 1,984—nearly three times the earlier number. In like manner, the number of master's

<sup>4</sup> Blose, David T. and Caliver, Ambrose. Statistics of the Education of Negroes, Part I. Higher Education. Federal Security Agency, Office of Education, Circular No. 215.



degrees conferred by these institutions nearly tripled in 8 years, increasing from 152 in 1939-40 to 433 in 1947-48. The doctorate was not conferred at any institution in this group.

It should be borne in mind that the figures given in this section do not include all institutions that are attended by Negroes. In many instances Negroes are enrolled in institutions attended predominantly by white persons. The present report does not include data on the attendance of Negroes at these institutions.

### Staff

A total of 223,660 persons were employed on the administrative or instructional staffs of institutions of higher education in 1947-48 (table 2). This number exceeded the 165,324 reported for 1945-46 by 58,336, or 35.3 percent. An increase in instructional activities is seen in the fact that the resident instructional staff increased from 125,811 in 1945-46 to 174,204 in 1947-48 (table VI). This is an increase of 38.5 percent, more than twice the percentage increase reported for the previous biennium.

Although, as has been noted, the total number of staff members increased by 35.3 percent from 1945-46 to 1947-48, the total full-time equivalent<sup>5</sup> of these persons increased 44.3 percent (from 136,032 to 196,300). This suggests either a decrease in the use of part-time teachers or an increase in the amount of time these persons were employed.

Of the 196,300 professional positions (full-time equivalent) in 1947-48, 143,243, or 73.0 percent, were filled by men and 53,057, or 27.0 percent, by women (table V). These figures show a reversal, or at least a temporary discontinuance, of the trend, observable since the turn of the century, for the percentage of women staff members in higher education to increase. In 1899-1900 only 19.8 percent of all staff members were women. This percent rose to 20.1 in 1909-10, to 26.3 in 1919-20, to 27.2 in 1929-30, to 28.1 in 1939-

<sup>5</sup> The expression "full-time equivalent," as here used, means the total number of teachers or other officers who would be needed to carry on the work of an institution of higher education if no persons were employed on a part-time basis, but all work distributed among a staff employed for full service. This full-time equivalent is calculated as follows:

- I. For an institution of simple organization:
  1. By inspection of salary contracts, work schedules, or other pertinent and easily applicable means, determine the standard amount of service or time expected of a full-time teacher or other officer. This is usually, but not necessarily, stated in terms of hours of employment per week, quarter, or semester.
  2. List the amount of service or time rendered by or expected from each officer employed on a part-time basis.
  3. Make a total of this part-time service for the institution.
  4. Divide the total amount of part-time service, as shown in step 3, by the standard amount of service expected of a full-time employee, as shown in step 1. This quotient is the full-time equivalent of part-time employees in the institution.
  5. To the quotient obtained in step 4 add the total number of full-time teachers and officers to obtain a full-time equivalent for the institution.
- II. For an institution which includes two or more professional schools or other administrative units with varying standards as respects full-time service, it may be advisable to calculate the full-time equivalent for each unit independently, as in steps 1 to 5 above, and then summarize for the entire institution.



**Table V.—Staff, institutions of higher education, by control and type of institution, and by sex of staff member, 1947-48**

Item	STAFF MEMBERS					
	All institutions		Publicly controlled institutions		Privately controlled institutions	
	Number	Percent	Number	Percent	Number	Percent
1	2	3	4	5	6	7
TOTAL STAFF MEMBERS <sup>1</sup> .....	196,300	100.0	98,973	50.4	97,327	49.6
Men.....	143,243	73.0	71,007	36.2	72,236	36.8
Women.....	53,057	27.0	27,966	14.2	25,091	12.8
UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS.....	167,397	85.3	76,719	39.1	90,678	46.2
Men.....	127,021	64.8	57,975	29.6	69,046	35.2
Women.....	40,376	20.5	18,744	9.5	21,632	11.0
TEACHERS COLLEGES AND NORMAL SCHOOLS.....	14,296	7.3	13,325	6.8	971	0.5
Men.....	7,453	3.8	7,085	3.6	368	.2
Women.....	6,843	3.5	6,240	3.2	603	.3
JUNIOR COLLEGES.....	14,607	7.4	8,929	4.5	5,678	2.9
Men.....	8,769	4.4	5,947	3.0	2,822	1.4
Women.....	5,838	3.0	2,982	1.5	2,856	1.5

<sup>1</sup> Full-time equivalent.

40, and continued to rise to 28.2 in 1941-42, to 30.2 in 1943-44, and reached a peak of 31.0 in 1945-46. In 1947-48 it dropped back to 27.0.

In the last 10 years a notable change has taken place in the distribution of administrative and instructional officers. In 1937-38, of the 123,677 full-time equivalent positions of this type, 58,490, or 47.3 percent, were in institutions under public control, and 65,187, or 52.7 percent, were in institutions under private control. By 1947-48 these percentages were: Public 50.4 and private 49.6 (table V). The 1947-48 staff is divided by type of institution as follows: Uni-

**Table VI.—Resident instructional staff, institutions of higher education, 1929-30 to 1947-48**

Year	Number <sup>1</sup>	Biennial increase <sup>2</sup>		Year	Number <sup>1</sup>	Biennial increase <sup>2</sup>	
		Number	Percent			Number	Percent
1	2	3	4	1	2	3	4
1929-30.....	82,386	6,306	8.3	1939-40.....	110,885	7,990	7.8
1931-32.....	88,172	5,786	7.0	1941-42.....	114,693	3,808	3.4
1933-34.....	86,914	-1,258	-1.4	1943-44.....	105,841	-8,852	-7.7
1935-36.....	92,580	5,666	6.5	1945-46.....	125,811	19,970	18.9
1937-38.....	102,895	10,315	11.1	1947-48.....	174,204	48,393	38.5

<sup>1</sup> Collegiate, professional, and graduate, not including critic teachers or subcollegiate teachers, 1943-44 and earlier years; including critic teachers but not subcollegiate teachers, 1945-46 and 1947-48.

<sup>2</sup> Decrease shown by a minus sign (-).

*Table VII.—Resident instructional staff in noncollegiate work, excluding critic teachers, in institutions of higher education, 1939–40 to 1947–48*

Item	1939-40	1941-42	1943-44	1945-46	1947-48
1	2	3	4	5	6
ALL INSTITUTIONS.....	3,721	3,472	3,457	4,275	5,111
Universities, colleges, and professional schools...	2,225	2,135	2,225	2,293	3,010
Teachers colleges and normal schools.....	267	328	340	970	957
Junior colleges.....	1,229	1,009	892	1,012	1,144
PUBLICLY CONTROLLED INSTITUTIONS.....	893	791	1,076	1,809	2,420
Universities, colleges, and professional schools...	549	528	728	725	1,139
Teachers colleges and normal schools.....	157	182	266	889	837
Junior colleges.....	187	81	82	195	444
PRIVATELY CONTROLLED INSTITUTIONS.....	2,828	2,681	2,381	2,466	2,691
Universities, colleges, and professional schools...	1,676	1,607	1,497	1,568	1,871
Teachers colleges and normal schools.....	110	146	74	81	120
Junior colleges.....	1,042	928	810	817	700

versities, colleges, and professional schools, 85.3 percent; teachers colleges and normal schools, 7.3 percent; and junior colleges, 7.4 percent.

The number of persons conducting classes of less-than-college grade reported in 1947–48 was 5,111 (table VII), which represents an increase of 836, or 19.6 percent, over the 4,275 reported in 1945–46. The 1947–48 figure was 2.9 percent of the total of 179,315 persons engaged in resident instructional work of all levels (174,204 collegiate and 5,111 subcollegiate).

### *Students*

More than 2,600,000 persons above the secondary level were enrolled as resident students in various higher educational institutions in continental United States in 1947–48 (table VIII). The exact figure of 2,616,262 represents an increase of 939,411, or 56.0 percent, over the enrollment of 1,676,851 reported for 1945–46. The 1947–48 figure is the largest in the history of American higher education; it represents the greatest numerical and proportionate biennial increase reported to date.

More than 950,000 students of college grade were registered for the summer sessions of 1947. Again, this is the largest enrollment reported to date; again, it represents the largest numerical and proportionate increase reported to date.

### *Sex of Students*

Of the 2,616,262 resident students of college grade enrolled in the 1947–48 regular session, 1,836,339, or 70.2 percent, were men, and 779,923, or 29.8 percent, were women (tables IX and 2). A

Table VIII.—Summary of resident college enrollment, institutions of higher education, 1929-30 to 1947-48

Year	Regular session			Summer session <sup>1</sup>		
	Enrollment	Biennial increase (+) or decrease (-)		Enrollment	Biennial increase (+) or decrease (-)	
		Number	Percent		Number	Percent
1	2	3	4	5	6	7
1929-30	1,100,737	+46,782	+4.4	388,755	+4,900	+1.3
1931-32	1,154,117	+53,380	+4.9	414,260	+25,505	+6.6
1933-34	1,055,360	-98,757	-8.6	303,754	-110,506	-26.7
1935-36	1,208,227	+132,867	+14.5	370,026	+66,272	+21.8
1937-38	1,350,905	+142,678	+11.8	429,864	+59,838	+16.2
1939-40	1,494,203	+143,298	+10.6	456,679	[+26,815	+6.2
1941-42	1,403,990	-90,213	-6.0	426,849	-29,830	-6.5
1943-44	1,155,272	-248,718	-17.7	376,334	-50,515	-11.8
1945-46	1,676,851	+521,579	+45.1	515,602	+139,268	+37.0
1947-48	2,616,262	+939,411	+56.0	955,429	+439,827	+85.3
INCREASE						
1930-48		1,515,525	137.7		566,674	145.8
1938-48		1,265,357	93.7		525,565	122.3
1940-48		1,122,059	75.1		498,750	109.2

<sup>1</sup> Preceding the regular session, i.e., summer session for 1929 preceding the regular session 1929-30, etc.

similar sex-ratio was observed for the college faculty: 73.0 percent men and 27.0 percent women.

The unusually large percentage of men in the total student enrollment is undoubtedly a reflection of the large enrollment of veterans of World War II. Although data are not available on total enrollment of veterans for the year, figures on enrollments for the fall of 1947 show that of the 2,339,292 students registered at that time, 1,122,738, or 48.0 percent, were veterans. Since 1,098,647 of these veterans were men, it is clear that men veterans constituted nearly half of the student registration at that time (the exact percentage was 47.0).

### *Enrollments by Control and Level of Institution*

Over the years, there has been an increasing tendency for students to attend publicly controlled institutions of higher education rather than those under private control. Thus, in 1929-30, the first year for which definitive data are available, 48.8 percent of all regular session, resident college students were enrolled at institutions under public control. In 1931-32, only 48.1 percent were enrolled at publicly controlled institutions, but from then on the percentage rose slowly to a peak of 53.3 in 1939-40. It then dropped to 48.1 in 1943-44, but has been moving up slowly since that date. In 1945-46 it stood at 49.7, and in 1947-48 at 50.7 (table IX).

Privately controlled universities, colleges, and professional schools showed a slightly larger enrollment than was shown by those under public control. In the junior college group, however, the proportions were reversed: there were nearly three times as many in public as in private institutions; and in the teachers college and normal school group for every student in a privately controlled institution there were 17 in institutions under public control.<sup>6</sup>

In the 1947 summer sessions 53.5 percent of the entire enrollment was in publicly controlled institutions. As in the regular session, the university, college, and professional school group enrolled a

*Table IX.—Resident college enrollments, institutions of higher education, by control and type of institution, and by sex of student, 1947-48*

Item	All institutions		Publicly controlled institutions		Privately controlled institutions	
	Enrollment	Per cent	Enrollment	Per cent	Enrollment	Per cent
1	2	3	4	5	6	7
<b>I. REGULAR SESSION, 1947-48:</b>						
Total enrollments.....	2,616,262	100.0	1,326,147	50.7	1,290,115	49.3
Men.....	1,836,339	70.2	930,665	35.6	905,674	34.6
Women.....	779,923	29.8	395,482	15.1	384,441	14.7
Universities, colleges, and professional schools.....	2,185,747	83.5	968,152	37.0	1,217,595	46.5
Men.....	1,570,924	60.0	702,223	26.8	868,701	33.2
Women.....	614,823	23.5	265,929	10.2	348,894	13.3
Teachers colleges and normal schools.....	190,342	7.3	179,799	6.9	10,543	0.4
Men.....	104,141	4.0	100,606	3.9	3,535	.1
Women.....	86,201	3.3	79,193	3.0	7,008	.3
Junior colleges.....	240,173	9.2	178,196	6.8	61,977	2.4
Men.....	161,274	6.2	127,836	4.9	33,438	1.3
Women.....	78,899	3.0	50,360	1.9	28,539	1.1
<b>II. SUMMER SESSION, 1947:</b>						
Total enrollments.....	955,429	100.0	511,342	53.5	444,087	46.5
Men.....	632,086	66.1	334,709	35.0	297,377	31.1
Women.....	323,343	33.9	176,633	18.5	146,710	15.4
Universities, colleges, and professional schools.....	800,457	83.8	375,079	39.3	425,378	44.5
Men.....	554,428	58.0	265,897	27.8	288,531	30.2
Women.....	246,029	25.8	109,182	11.5	136,847	14.3
Teachers colleges and normal schools.....	113,909	11.9	106,229	11.1	7,680	0.8
Men.....	48,987	5.1	46,753	4.9	2,234	.2
Women.....	64,922	6.8	59,476	6.2	5,446	.6
Junior colleges.....	41,063	4.3	30,034	3.1	11,029	1.2
Men.....	28,671	3.0	22,059	2.3	6,612	.7
Women.....	12,392	1.3	7,975	.8	4,417	.5

<sup>6</sup> The organizational classification of institutions used here is administrative rather than curricular. As a rule, only about 50 percent of the Nation's teachers are trained in teachers colleges and normal schools.



larger number of students in privately controlled than in publicly controlled institutions, but the opposite was shown by the junior college and the teacher education groups. In this last-named group almost 14 times as many students were in publicly controlled schools as in those under private control.<sup>6</sup>

The 75.1 percent increase in total student registration from 1939-40 to 1947-48 was matched by one of 75.4 percent in undergraduate enrollments for the same period. It was somewhat larger than the increase of 64.4 percent in graduate enrollments.

This increase in graduate enrollments was much greater among men than women, and slightly greater among publicly controlled institutions than among privately controlled. The percent of graduate enrollment to total enrollment dropped from 7.1 in 1939-40 to 6.7 in 1947-48 (table X).

*Table X.—Resident college enrollment in higher education, by control of institution and by classification and sex of students, 1939-40 and 1947-48*

Item	1939-40			1947-48		
	Number <sup>1</sup>	Percent		Number	Percent	
		Of all students	By control		Of all students	By control
1	2	3	4	5	6	7
I. ALL INSTITUTIONS.....	1,497,945	100.0	-----	2,616,262	100.0	-----
Graduate students:						
Men.....	67,628	4.5	-----	120,177	4.6	-----
Women.....	38,491	2.6	-----	54,255	2.1	-----
Undergraduate students:						
Men.....	831,043	55.5	-----	1,716,162	65.6	-----
Women.....	560,783	37.4	-----	725,668	27.7	-----
II. PUBLICLY CONTROLLED INSTITUTIONS.....	797,399	53.2	100.0	1,326,147	50.7	100.0
Graduate students:						
Men.....	30,106	2.0	3.8	51,004	2.0	3.9
Women.....	14,588	1.0	1.8	22,591	.9	1.7
Undergraduate students:						
Men.....	442,656	29.5	55.5	879,661	33.6	66.3
Women.....	310,049	20.7	38.9	372,891	14.2	28.1
III. PRIVATELY CONTROLLED INSTITUTIONS.....	700,546	46.8	100.0	1,290,115	49.3	100.0
Graduate students:						
Men.....	37,522	2.5	5.4	69,173	2.6	5.4
Women.....	23,903	1.6	3.4	31,664	1.2	2.5
Undergraduate students:						
Men.....	388,387	26.0	55.4	836,501	32.0	64.8
Women.....	250,734	16.7	35.8	352,777	13.5	27.3

<sup>1</sup> Includes some duplication; the actual total enrollment reported for 1939-40 was 1,494,203.

### *Regional Distribution of Enrollment*

The phenomenal increase in college enrollment, already noted in the present report, was observable all over the Nation (table XI).

<sup>6</sup> The organizational classification of institutions used here is administrative rather than curricular. As a rule, only about 50 percent of the Nation's teachers are trained in teachers colleges and normal schools.



Naturally it was not even; it varied widely from State to State and from region to region. Thus, whereas the 1947-48 enrollment was more than twice that for 1929-30 for the Nation as a whole, it was more than three times the earlier figure in the Mountain States, and rose to a fivefold increase in Florida. On the other hand, the Dakotas showed only about a 50 percent increase. For the 10-year period from 1937-38 to 1947-48 increases were again reported in every State, although not, of course, to the same degree as was noted in the longer period. The 1947-48 total was nearly twice that of 1937-38 for the Nation at large, the exact percentage being 193.7. In the South Atlantic division the 1947-48 average was 207.9 percent of that for 1937-38, with Delaware reporting a 1947-48 enrollment 336.3 percent of its 1937-38 report. The West North Central States showed the least increase, North Dakota showing for 1947-48 only 132.0 percent of its report 10 years earlier.

In the appraisal of these data, sight should not be lost of the non-local character of higher education; college students often cross State and regional lines.

### *Enrollment Third Week of Fall Term*

Of the 2,616,262 students registered at institutions of higher education in 1947-48, it appears that 2,339,292, or 89.4 percent, were in residence the third week of the fall term (table XII). This percentage is within two points of the peak of 91.3 percent reported for this item in 1939-40. This percentage may be looked upon as a more or less rough index of the stability of the higher education population. The high percentage for 1947-48, coming as it did just after the lowest percentage on record up to that time, is evidence of the rapidity with which institutions of higher education and World War veterans enrolled in them adjusted to a virtually normal schedule of activity.

### *First-Time Students*

Students enrolled for the first time in any college numbered 619,232 in 1947-48 (table XIII). This was 23.7 percent of the total enrollment of 2,616,262, the lowest percentage reported up to the present.

Information on the number of students enrolled for the first time in any college is valuable from several standpoints. First, as an absolute figure, it affords an opportunity for a rough guess as to the number who will graduate. Over the years from 35 to 50 percent of the students who enter college at a given date are likely to take their bachelor's degrees in regular course 4 years later. Since this percentage fluctuates, however, any estimates based on it are tentative. Second, the figure affords a measure of the attracting

Table XI.—Resident college enrollments, institutions of higher education, by division and State, 1929-30 and 1937-38 to 1947-48

State, by geographic division	Resident college enrollments <sup>1</sup>										Percent 1947-48 is of—	
	1929-30	1937-38	1939-40	1941-42	1943-44	1945-46	1947-48	1929-30	1937-38			
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>			
<b>Continental United States.....</b>												
NEW ENGLAND.....	1,100,737	1,350,905	1,494,203	1,403,960	977,517	1,676,851	2,616,262	237.7	193.7			
Maine.....	79,816	87,611	92,021	90,491	53,667	93,701	164,968	206.7	188.3			
New Hampshire.....	4,659	5,306	6,092	5,635	3,020	4,940	9,587	205.8	180.7			
Vermont.....	4,846	5,502	5,897	5,966	2,538	5,873	8,889	183.4	161.6			
Massachusetts.....	2,442	3,514	3,975	3,808	2,478	3,711	6,982	285.9	198.7			
Rhode Island.....	54,424	56,916	57,772	54,645	34,484	55,914	98,335	180.7	172.8			
Connecticut.....	4,262	5,081	5,425	5,818	2,794	6,545	13,294	311.9	261.6			
MIDDLE ATLANTIC.....	9,183	11,292	12,860	14,559	8,353	16,718	27,881	303.6	246.9			
New York.....	249,478	290,797	299,512	283,155	192,647	325,073	535,551	214.7	184.2			
New Jersey.....	156,730	193,473	195,596	183,166	130,949	216,540	335,509	214.1	173.4			
Pennsylvania.....	14,662	19,706	20,515	21,692	12,424	22,739	47,531	324.2	241.2			
EAST NORTH CENTRAL.....	78,086	77,618	83,401	78,297	49,274	85,794	152,511	195.3	196.5			
Ohio.....	242,706	287,271	322,602	304,462	187,963	360,543	562,050	231.6	195.7			
Indiana.....	68,985	75,770	84,367	81,674	49,779	100,513	151,137	225.6	199.5			
Illinois.....	28,118	37,065	34,156	34,156	20,337	41,091	70,537	270.1	230.8			
Michigan.....	81,701	98,466	107,771	97,861	66,347	111,240	176,086	215.5	178.8			
Wisconsin.....	44,144	54,324	60,961	61,831	34,974	74,984	110,827	251.1	204.0			
WEST NORTH CENTRAL.....	23,758	28,133	33,133	28,940	16,533	32,715	53,463	225.5	189.9			
Minnesota.....	130,045	145,643	163,531	146,663	82,863	161,379	257,003	197.6	176.5			
Iowa.....	24,884	30,069	34,647	31,522	18,645	39,548	57,847	232.5	192.4			
Missouri.....	23,88	27,329	29,753	27,489	15,090	29,950	45,030	202.8	175.7			
North Dakota.....	31,458	34,769	40,393	37,046	25,400	39,626	67,409	214.3	193.9			
South Dakota.....	6,891	7,410	8,332	7,052	2,705	5,403	9,783	142.0	130.0			
Nebraska.....	6,113	5,532	6,588	6,206	2,348	5,569	9,431	154.3	170.5			
Kansas.....	15,685	15,984	16,579	14,168	7,358	17,671	24,239	151.6	151.6			
SOUTH ATLANTIC.....	21,326	27,244	27,244	23,200	11,317	23,612	40,264	188.8	164.0			
Delaware.....	111,949	148,683	165,328	164,072	111,081	181,832	309,173	276.2	207.9			
Maryland.....	711	981	1,118	1,116	551	1,168	3,299	464.0	336.3			
Virginia.....	13,084	15,365	18,557	17,441	12,730	17,109	33,729	257.8	219.5			
	19,316	23,155	26,156	25,881	17,718	27,122	40,006	207.1	172.8			

# HIGHER EDUCATION

West Virginia.....	11,632	14,444	12,935	7,263	14,750	23,881	205.3	182.0
North Carolina.....	18,301	32,118	32,079	22,076	36,044	48,211	255.1	167.8
South Carolina.....	10,666	15,914	16,696	10,916	16,984	27,727	294.0	198.5
Georgia.....	15,838	23,229	23,826	15,536	27,873	46,559	294.0	223.7
Florida.....	5,857	11,473	11,384	6,728	14,852	35,045	598.3	312.9
District of Columbia.....	15,944	22,319	22,714	17,560	25,930	50,716	318.1	237.5
<b>EAST SOUTH CENTRAL.....</b>	<b>62,733</b>	<b>81,673</b>	<b>73,632</b>	<b>45,083</b>	<b>84,154</b>	<b>137,946</b>	<b>219.9</b>	<b>188.2</b>
Kentucky.....	16,877	22,414	19,561	12,019	22,000	33,293	197.3	166.5
Tennessee.....	20,406	25,253	23,430	15,074	22,333	46,480	226.8	197.1
Alabama.....	15,290	19,987	18,628	11,569	20,490	36,991	241.9	207.6
Mississippi.....	10,070	14,019	12,013	6,421	12,751	21,182	210.3	177.7
<b>WEST SOUTH CENTRAL.....</b>	<b>87,098</b>	<b>144,384</b>	<b>132,427</b>	<b>79,157</b>	<b>153,028</b>	<b>247,249</b>	<b>283.9</b>	<b>197.2</b>
Arkansas.....	6,445	10,928	9,179	5,460	10,288	21,061	326.8	220.2
Louisiana.....	11,180	25,996	23,467	15,219	28,251	41,248	368.9	189.1
Oklahoma.....	22,770	32,908	27,466	12,615	26,083	210.7	210.7	177.1
Texas.....	46,703	74,552	72,315	45,863	86,099	134,837	288.8	205.2
<b>MOUNTAIN.....</b>	<b>34,726</b>	<b>58,169</b>	<b>52,060</b>	<b>28,864</b>	<b>65,662</b>	<b>109,708</b>	<b>315.9</b>	<b>215.6</b>
Montana.....	3,897	6,685	6,191	2,923	5,203	10,072	258.5	173.9
Idaho.....	3,812	6,615	5,656	2,596	5,464	9,121	239.3	158.7
Wyoming.....	1,177	2,264	2,001	763	2,354	4,119	350.0	201.2
Colorado.....	11,290	17,376	16,563	10,514	25,069	7,480	332.0	243.0
New Mexico.....	2,635	4,950	4,219	1,961	5,330	11,091	420.9	270.4
Arizona.....	3,742	5,69	5,316	3,187	5,826	12,314	329.1	227.9
Utah.....	7,127	13,043	11,042	6,448	15,155	23,537	330.3	209.4
Nevada.....	1,046	1,267	1,072	472	1,261	1,974	188.7	161.7
<b>PACIFIC.....</b>	<b>98,786</b>	<b>137,191</b>	<b>151,929</b>	<b>90,341</b>	<b>172,870</b>	<b>285,878</b>	<b>289.4</b>	<b>208.4</b>
Washington.....	17,903	24,296	22,624	13,014	27,980	45,753	255.6	188.3
Oregon.....	11,796	14,246	15,230	7,539	17,383	28,153	238.7	197.6
California.....	69,087	98,649	114,075	69,788	127,507	211,972	306.8	214.9
<b>U. S. SERVICE ACADEMIES.....</b>	<b>3,400</b>	<b>4,049</b>	<b>5,099</b>	<b>5,851</b>	<b>5,465</b>	<b>6,736</b>	<b>198.1</b>	<b>166.4</b>
Institutions not reporting (estimated).....					73,144			
<b>Outlying parts of the United States.....</b>	<b>2,575</b>	<b>7,037</b>	<b>7,520</b>	<b>6,805</b>	<b>9,589</b>	<b>12,724</b>	<b>494.1</b>	<b>180.8</b>
Alaska.....	86	217	248	289	151	334	388.4	153.9
Canal Zone.....		143	118	588				583.2
Hawaii.....	1,005	2,478	2,368	2,014	3,748	4,162	414.1	168.0
Puerto Rico.....	1,484	4,199	4,729	4,384	5,102	7,394	498.3	176.1

1 Regular session only.  
 2 Civilian only in all institutions except U. S. Service academies.

*Table XII.—Resident college enrollment, regular session, and enrollment third week of fall term, institutions of higher education, 1931-32 to 1947-48*

Year	Resident college enrollment (regular session)		
	Total for year	Third week of fall term	
		Number	Percent of total for year
1	2	3	4
1931-32.....	1,154,117	839,741	72.8
1933-34.....	1,055,360	765,661	72.5
1935-36.....	1,208,227	1,077,484	89.2
1937-38.....	1,350,905	1,219,867	90.3
1939-40.....	1,494,203	1,364,815	91.3
1941-42.....	1,403,990	1,180,365	84.1
1943-44.....	<sup>1</sup> 1,155,272	<sup>2</sup> 965,262	83.6
1945-46.....	1,676,851	1,073,629	64.0
1947-48.....	2,616,262	2,339,292	89.4
Men.....	1,836,339	1,659,416	90.4
Women.....	779,923	679,876	87.2

<sup>1</sup> Includes 277,755 full-time military students.

<sup>2</sup> Estimated on the basis of relation of third week of fall term to total for year, civilian only.

power of higher education. Third, the figure viewed as a percentage serves as a rough measure of the holding power of higher education. The lower the percentage of students who are in college for the first time, the higher the percentage of returning students. In other words, the lower the percentage of students in college the first time, the greater the holding power of the institution.

When figures on students who were enrolled during the year for the first time in any college are compared with the analysis of enrollments by level (table X), which shows that from 1939-40 to 1947-48 total undergraduate enrollments increased more rapidly than those of graduate students, a great increase in undergraduate upperclass enrollments is apparent. This suggests an increase in the number of persons taking the bachelor's degree by 1950<sup>7</sup> or thereabouts and a possibility of increases in the number of conferrals of advanced or professional degrees in later years.

Finally, it should be clearly understood that the term "students enrolled for the first time in any college" does not necessarily include the entire number of first-year students. Many persons come to college for part-time work and require more than 1 year to complete the normal first-year course. Accordingly, a count of freshmen, if it could be made, would probably yield somewhat larger figures than those given here. Furthermore, this term does not in-

<sup>7</sup> This possibility has been borne out as an actuality by data for 1949-50, not summarized in this chapter.



**Table XIII.—Resident college enrollment and number of students registered for the first time in any college, institutions of higher education, 1931-32 to 1947-48**

Item	All institutions	Publicly controlled institutions	Privately controlled institutions
1	2	3	4
<b>I. Total resident college enrollment:</b>			
1931-32.....	1,154,117	582,168	571,949
1933-34.....	1,055,360	529,931	525,429
1935-36.....	1,208,227	614,131	594,096
1937-38.....	1,350,905	689,483	661,422
1939-40.....	1,494,203	796,531	697,672
1941-42.....	1,403,990	732,111	671,879
1943-44 <sup>1</sup> .....	1,155,272	571,406	583,866
1945-46.....	1,676,851	833,803	843,048
1947-48:			
Total.....	2,616,262	1,326,147	1,290,115
Universities, colleges, and professional schools.....	2,185,747	968,152	1,217,595
Teachers colleges and normal schools.....	190,342	179,799	10,543
Junior colleges.....	240,173	178,196	61,977
<b>II. Students registered for the first time in any college:</b>			
1931-32.....	336,997	188,658	148,339
1933-34.....	307,690	171,389	136,301
1935-36.....	366,734	204,231	162,503
1937-38.....	367,983	208,833	159,150
1939-40.....	417,539	235,995	181,544
1941-42.....	379,070	211,633	167,437
1943-44 <sup>2</sup> .....	314,311	163,353	150,958
1945-46.....	474,894	250,356	224,538
1947-48:			
Total.....	619,232	318,169	301,163
Universities, colleges, and professional schools.....	446,289	181,070	265,219
Teachers colleges and normal schools.....	62,162	59,851	2,311
Junior colleges.....	110,781	77,148	33,633
<b>III. Percentage of first-time students to total enrollment:</b>			
1931-32.....	29.9	32.4	25.9
1933-34.....	29.2	32.3	25.9
1935-36.....	30.4	33.3	27.4
1937-38.....	27.2	30.3	24.1
1939-40.....	27.9	29.6	26.0
1941-42.....	27.0	28.9	24.9
1943-44.....	27.2	23.9	25.9
1945-46.....	28.3	30.0	26.6
1947-48:			
Total.....	23.7	24.0	23.3
Universities, colleges, and professional schools.....	20.4	18.7	21.8
Teachers colleges and normal schools.....	32.7	33.3	21.9
Junior colleges.....	46.1	43.3	54.3

<sup>1</sup> Includes 149,454 public and 128,301 private full-time military students.

<sup>2</sup> Includes 28,115 public and 35,125 private full-time military students.

clude beginning students in those professional schools, entrance to which is restricted to persons who have completed part or all of a liberal arts course.

### *Students by Level of Work*

The total enrollment figure of 2,616,262 included 2,260,503 regular undergraduate students (86.4 percent of the total), 174,432 students on the graduate level (6.7 percent), and 181,327 (6.9 per-



cent) classified as special students (table 2). The great majority of these special students were enrolled in colleges of arts and sciences or in other schools where their work, although specialized, was for the most part on the undergraduate level (table XIV). A limited number were in certain of the professional schools, for example, those of medicine, dentistry, etc., where they were taking refresher or continuation courses, or were enrolled for advanced training in highly specialized phases of their work without being registered as candidates for a graduate degree.

**Table XIV.—Special students in arts and sciences and certain professional schools, institutions of higher education, 1947-48**

<i>Item</i>	<i>Men</i>	<i>Women</i>
CONTINENTAL UNITED STATES:		
Arts and sciences.....	78,660	59,729
Agriculture.....	697	34
Architecture.....	81	73
Dentistry.....	64	9
Engineering.....	5,465	108
Home economics.....	4	464
Law.....	248	25
Medicine.....	1,258	105
Nursing.....	13	2,948
Pharmacy.....	170	105
Other.....	24,569	13,999
Total.....	111,229	77,599
Less duplicate enrollments.....	2,670	4,831
Total, excluding duplicates.....	108,559	72,768
OUTLYING PARTS:		
Arts and sciences.....	511	505
Engineering.....	37	...
Home economics.....	...	21
Nursing.....	...	7
Other.....	23	34
Total <sup>1</sup> .....	571	567

<sup>1</sup> No duplicate enrollment in outlying parts.

### *Veterans of World War II*

A total of 1,122,738 veterans of World War II were registered in institutions of higher education in the fall of 1947 (table 2), constituting 48.0 percent of the total enrollment of 2,339,292 at that time. Of these veterans 1,098,647 were men and 24,091 were women. These figures may be compared with those for 1945-46, when

there were 450,605 men and 11,474 women, or a total of 462,079 veterans. No data have been compiled by the Office of Education on enrollment of veterans in the fall of 1945 nor on enrollment of veterans for the entire academic year 1947-48.

When data on enrollment of veterans and nonveterans are compared with total population by States and regions (table XV), certain facts become evident. Thus, in the fall of 1947, the total college enrollment was equivalent to 162.7 for every 10,000 of the total population. Of this 162.7, 78.3 were veterans and 84.4 were nonveterans. Roughly, then, for every 10,000 of population on July 1, 1947, 78 veterans and 84 nonveterans were in college the succeeding school year.

These proportions naturally varied widely. Outside the District of Columbia, where an unusually high percentage of part-time at-

**Table XV.—Population and student enrollment in non-Federal institutions of higher education, by military status of student and by location of institution, 1947-48**

State, by geographical division	Population July 1, 1947, in thousands (000 omitted)	Resident college enrollments, third week of fall term, 1947					
		Total			Per 10,000 of total population		
		All students	Veterans	Non-veterans	All students	Veterans	Non-veterans
1	2	3	4	5	6	7	8
<b>Continental United States.....</b>	<b>143,382</b>	<b>1,222,639</b>	<b>1,122,738</b>	<b>1,209,901</b>	<b>162.7</b>	<b>78.3</b>	<b>84.4</b>
<b>NEW ENGLAND.....</b>	<b>9,328</b>	<b>157,132</b>	<b>80,482</b>	<b>76,650</b>	<b>168.5</b>	<b>86.3</b>	<b>82.2</b>
Maine.....	911	9,279	4,768	4,511	101.8	52.3	49.5
New Hampshire.....	547	8,777	4,691	4,086	160.5	85.8	74.7
Vermont.....	364	6,869	2,999	3,870	188.7	82.4	106.3
Massachusetts.....	4,725	93,087	46,250	46,837	197.0	97.9	99.1
Rhode Island.....	761	12,397	6,967	5,430	162.9	91.5	71.4
Connecticut.....	2,020	26,723	14,807	11,916	132.3	73.3	59.0
<b>MIDDLE ATLANTIC.....</b>	<b>28,808</b>	<b>463,793</b>	<b>224,615</b>	<b>239,178</b>	<b>161.0</b>	<b>78.0</b>	<b>83.0</b>
New York.....	14,092	277,442	127,814	149,628	196.9	90.7	106.2
New Jersey.....	4,435	44,071	24,317	19,754	99.4	54.8	44.6
Pennsylvania.....	10,281	142,280	72,484	69,796	138.4	70.5	67.9
<b>EAST NORTH CENTRAL.....</b>	<b>29,383</b>	<b>518,261</b>	<b>250,236</b>	<b>268,025</b>	<b>176.4</b>	<b>85.2</b>	<b>91.2</b>
Ohio.....	7,773	142,279	69,559	72,720	183.0	89.5	93.5
Indiana.....	3,858	62,686	32,063	30,623	162.5	83.1	79.4
Illinois.....	8,220	163,725	75,364	88,361	199.2	91.7	107.5
Michigan.....	6,249	99,217	48,706	50,511	158.8	77.9	80.9
Wisconsin.....	3,283	50,354	24,544	25,810	153.4	74.8	78.6
<b>WEST NORTH CENTRAL.....</b>	<b>13,688</b>	<b>236,472</b>	<b>112,211</b>	<b>124,261</b>	<b>172.8</b>	<b>82.0</b>	<b>90.8</b>
Minnesota.....	2,897	52,633	25,894	26,739	181.7	89.4	92.3
Iowa.....	2,606	43,757	21,725	22,032	167.9	83.4	84.5
Missouri.....	3,854	62,274	26,018	35,356	161.6	69.9	91.7
North Dakota.....	552	9,227	4,393	4,834	167.2	79.6	87.6
South Dakota.....	564	8,678	4,524	4,154	153.9	80.2	73.7
Nebraska.....	1,301	22,702	11,130	11,572	174.5	85.6	88.9
Kansas.....	1,914	37,201	17,627	19,574	194.4	92.1	102.3

<sup>1</sup> Does not include 6,653 students at 4 U. S. Service academies.

Table continued on next page.

Table XV.—Population and student enrollment in non-Federal institutions of higher education, by military status of student and by location of institution, 1947-48—Continued

State, by geographical division	Population July 1, 1947, in thousands (000 omitted)	Resident college enrollments, third week of fall term, 1947					
		Total			Per 10,000 of total population		
		All students	Veterans	Non-veterans	All students	Veterans	Non-veterans
1	2	3	4	5	6	7	8
SOUTH ATLANTIC.....	19,499	274,144	124,525	149,619	140.6	63.9	76.7
Delaware.....	293	2,728	1,305	1,423	93.1	44.5	48.6
Maryland.....	2,215	32,061	14,462	17,599	144.8	65.3	79.5
Virginia.....	3,019	36,455	15,392	21,063	120.8	51.0	69.8
West Virginia.....	1,849	23,474	11,288	12,186	127.0	61.1	65.9
North Carolina.....	3,717	46,112	20,383	25,729	124.0	54.8	69.2
South Carolina.....	1,918	26,119	10,266	15,853	136.2	53.5	82.7
Georgia.....	3,233	39,634	17,291	22,343	122.6	53.5	69.1
Florida.....	2,394	31,215	15,965	15,250	130.4	66.7	63.7
District of Columbia.....	861	36,346	18,173	18,173	422.2	211.1	211.1
EAST SOUTH CENTRAL.....	10,771	120,334	57,378	62,956	111.7	53.3	58.4
Kentucky.....	2,777	31,760	14,513	17,247	114.4	52.3	62.1
Tennessee.....	3,078	37,312	17,316	19,996	121.2	56.2	65.0
Alabama.....	2,824	32,046	16,241	15,805	113.5	57.5	56.0
Mississippi.....	2,092	19,216	9,308	9,908	91.9	44.5	47.4
WEST SOUTH CENTRAL.....	13,881	223,607	109,075	114,532	161.1	78.6	82.5
Arkansas.....	1,903	17,765	8,415	9,350	93.4	44.2	49.2
Louisiana.....	2,549	38,151	16,507	21,644	149.7	64.8	84.9
Oklahoma.....	2,311	45,175	23,821	21,354	195.5	103.1	92.4
Texas.....	7,118	122,516	60,332	62,184	172.1	84.7	87.4
MOUNTAIN.....	4,399	95,499	48,696	46,803	217.1	110.7	106.4
Montana.....	494	8,900	4,733	4,167	180.2	95.8	84.4
Idaho.....	488	8,381	4,034	4,347	171.7	82.6	89.1
Wyoming.....	275	3,819	1,994	1,825	138.9	72.5	66.4
Colorado.....	1,158	32,809	18,235	14,574	283.3	157.5	125.8
New Mexico.....	550	8,605	4,330	4,275	156.4	78.7	77.7
Arizona.....	657	10,608	4,899	5,709	161.5	74.6	86.9
Utah.....	637	20,413	9,463	10,950	320.5	148.6	171.9
Nevada.....	140	1,964	1,008	956	140.3	72.0	68.3
PACIFIC.....	13,625	243,397	115,520	127,877	178.6	84.8	93.8
Washington.....	2,233	39,214	20,950	18,264	175.6	93.8	81.8
Oregon.....	1,517	25,520	13,202	12,318	168.2	87.0	81.2
California.....	9,875	178,663	81,368	97,295	180.9	82.4	98.5

<sup>1</sup> Does not include 6,653 students at 4 U. S. Service academies.

tendance in higher educational institutions prevails, the range in total enrollment per 10,000 was from 320.5 in Utah to 91.9 in Mississippi. Rhode Island and Indiana were nearest the national average, with 162.9 and 162.5, respectively.

Enrollment of veterans also showed great geographical diversity, from 157.5 in Colorado and 148.6 in Utah to 44.5 in Delaware and Mississippi and 44.2 in Arkansas. States nearest the national average were New Mexico with 78.7 and Michigan with 77.9.

More nonveterans than veterans were enrolled in the Nation at large and in 30 of the 48 States. States with the largest enrollment

of nonveterans in proportion to population were Utah (171.9 per 10,000) and Colorado (125.8 per 10,000). At the other end of the scale were Mississippi (47.4) and New Jersey (44.6). Montana stood just at the national average of 84.4.

### *Special Types of Students*

Up to this point the discussion has centered on the 2,616,262 resident college students who were enrolled during the regular session 1947-48, and the 955,429 who were enrolled for work of the same type and level in the summer of 1947.

There remains an additional group of just over a million persons receiving instruction from institutions of higher education. This group includes 72,543 doing work of less-than-college grade on the campus, 759,909 in correspondence and extension courses, 130,497 enrolled in short courses (usually, but not necessarily, on the campus), and 41,383 taking individual instruction (in music, public speaking, etc.). The total number of persons receiving all types of instruction from college officers comes to 4,576,023, which exceeds the 1945-46 total of 2,949,960 by 1,626,063, or 55.1 percent. This increase may be compared with the increases already noted: 56.0 percent in resident college enrollments regular session 1945-46 to 1947-48 and 85.3 in these enrollments summer session 1945 to 1947.

Details of the 1947-48 total enrollment in the various types of collegiate organization and control groups are shown in table XVI.

### *Degrees*

The total number of earned degrees conferred by colleges and universities in the United States has increased steadily since the turn of the century, practically keeping pace with the increase in enrollment (table XVII).

In the school year ended at the commencement of 1900 a total of 29,362 earned degrees were conferred. At the various commencements of 1948, a total of 317,607 such degrees were awarded. The 1948 total was 10.82 times that for 1900 and compares favorably with the growth in resident college enrollments, the 1947-48 total of which was 11.01 times that for 1899-1900.

Of interest is the shift in the proportion of degrees by level. In 1899-1900 bachelor's degrees amounted to 93.3 percent of the total number of conferrals, master's to 5.4 percent, and doctor's to 1.3 percent. In 1947-48 baccalaureates amounted to only 85.3 percent of the total, masterates to 13.4 percent, and doctorates to 1.3 percent. Thus, the baccalaureate appears to have lost 8.0 points in comparative frequency to the masterate, but the doctorate seems to have stood virtually still. Actually, the doctorate moved up slightly:



Table XVI.—Student enrollment, institutions of higher education, by control and type of institution, and by type of enrollment, 1947-48

Item	All institutions				Publicly controlled institutions			Privately controlled institutions		
	Enrollment	Percent of—		Enrollment	Regular session only	Grand total for year	Enrollment	Regular session only	Grand total for year	
		3	4							6
1	2			5	6	7	8	9	10	
<b>I. ALL INSTITUTIONS</b>										
Regular session only:										
Resident college enrollments.....	2,616,262	97.3	57.2	1,326,147	97.2	51.8	1,290,115	97.4	63.9	
Resident noncollegiate enrollments.....	72,543	2.7	1.0	37,941	2.8	1.5	34,062	2.6	1.7	
Total, regular session.....	2,688,805	100.0	58.8	1,364,088	100.0	53.3	1,324,717	100.0	65.6	
Summer session, 1947, collegiate only.....	955,429		20.9	511,342		20.0	444,087		22.0	
Entire year:										
Correspondence and extension.....	759,909		16.6	556,502		21.8	293,407		10.1	
Short courses.....	130,497		2.8	116,703		4.6	13,794		.7	
Individual instruction.....	41,383		.9	8,290		.3	33,093		1.6	
Grand total for year.....	4,576,023		100.0	2,556,925		100.0	2,019,098		100.0	
<b>II. UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS</b>										
Regular session only:										
Resident college enrollments.....	2,185,747	98.5	57.1	968,152	99.1	50.3	1,217,595	98.0	63.9	
Resident noncollegiate enrollments.....	33,495	1.5	.9	9,248	.9	.5	24,247	2.0	1.3	
Total, regular session.....	2,219,242	100.0	58.0	977,400	100.0	50.8	1,241,842	100.0	65.2	
Summer session, 1947, collegiate only.....	800,457		20.9	375,079		19.5	425,378		22.3	
Entire year:										
Correspondence and extension.....	665,957		17.4	472,270		24.6	193,687		10.2	
Short courses.....	106,211		2.8	92,690		4.8	13,521		.7	
Individual instruction.....	36,214		.9	5,589		.3	30,625		1.6	
Grand total for year.....	3,828,081		100.0	1,923,028		100.0	1,905,053		100.0	



III. TEACHERS COLLEGES AND NORMAL SCHOOLS										
Regular session only:										
Resident college enrollments.....	100,342	86.9	47.6	179,799	86.6	10,343	91.5	48.3		
Resident noncollegiate enrollments.....	28,804	13.1	7.2	27,823	13.4	981	8.5	4.5		
Total, regular session.....	219,146	100.0	54.8	207,622	100.0	11,524	100.0	52.8		
Entire year:	113,909		28.5	106,229		7,680		35.2		
Summer session, 1947, collegiate only.....	62,804		15.7	60,955		2,549		11.7		
Correspondence and extension.....	1,825		.5	1,784		41		.2		
Short courses.....	1,994		.5	1,968		26		.1		
Individual instruction.....										
Grand total for year.....	399,678	100.0	100.0	377,858	100.0	21,820		100.0		
IV. JUNIOR COLLEGES										
Regular session only:										
Resident college enrollments.....	240,173	95.9	69.0	178,196	99.5	61,977	86.9	67.2		
Resident noncollegiate enrollments.....	10,244	4.1	2.9	870	.5	9,374	13.1	10.2		
Total, regular session.....	250,417	100.0	71.9	179,066	100.0	71,351	100.0	77.4		
Entire year:	41,063		11.8	30,034		11,029		11.9		
Summer session, 1947, collegiate only.....	31,148		8.9	23,977		7,171		7.8		
Correspondence and extension.....	22,461		6.5	22,229		232		3.3		
Short courses.....	3,175		.9	2,733		2,442		2.6		
Individual instruction.....										
Grand total for year.....	348,264	100.0	100.0	256,039	100.0	92,225		100.0		

*Table XVII.—Historical summary of earned degrees, institutions of higher education, by level of degree, 1899-1900 to 1947-48*

Year	Degrees conferred, by level				Percent of total		
	Total	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8
1899-1900.....	29,362	27,410	1,583	369	93.3	5.4	1.3
1909-10.....	41,399	37,199	3,771	429	89.9	9.1	1.0
1919-20.....	53,455	48,622	4,143	690	91.0	7.7	1.3
1929-30.....	139,752	122,484	14,969	2,299	87.6	10.7	1.7
1931-32.....	160,084	138,063	19,367	2,654	86.2	12.1	1.7
1933-34.....	157,279	136,156	18,293	2,830	86.6	11.6	1.8
1935-36.....	164,197	143,125	18,302	2,770	87.2	11.1	1.7
1937-38.....	189,503	164,943	21,628	2,932	87.0	11.4	1.6
1939-40.....	216,521	186,500	26,731	3,290	86.1	12.4	1.5
1941-42.....	213,491	185,346	24,648	3,497	86.8	11.6	1.6
1943-44.....	141,582	125,863	13,414	2,305	88.9	9.5	1.6
1945-46.....	157,349	136,174	19,209	1,966	86.5	12.2	1.3
1947-48:							
Total.....	317,607	271,019	42,400	4,188	85.3	13.4	1.3
Men.....	208,042	175,456	28,899	3,687	84.3	13.9	1.8
Women.....	109,565	95,563	13,501	501	87.2	12.3	.5

from 1.26 percent of the 1899-1900 total to 1.32 percent of that for 1947-48.

Men outnumbered women in conferral of earned degrees at every level and in every geographic division of the Nation. Although data have not been assembled to establish the point conclusively, it appears that conferral of bachelor's degrees by sex was roughly in proportion to enrollment of students by sex in the various States.

In 1947-48 the number of bachelor's degrees conferred on men was 160.2 percent of the number conferred in 1939-40; the corresponding percent for women was 124.2. Percentages for the master's degree for the same period were: men 175.1 and women 130.1. At the level of the doctorate the corresponding percentages were: men 128.9 and women 116.8 (table XVIII). Thus, considering the Nation as a whole, from 1939-40 to 1947-48, conferral of degrees on men increased more rapidly than conferral on women. This was true at each of the three levels.

It is only fair to repeat the caution already given that many persons cross State lines in search of a college education. The figures given in table XVIII represent conferrals by location of institution, not by residence of persons taking degrees.

### *Income*

Receipts collected at the business office of a modern institution of higher education are commonly classified into five groups, according to the purpose for which they are collected. These groups, known technically as funds, are: current funds, loan funds, endow-

ment and other nonexpendable funds, plant funds, and agency funds.

### *Current Income*

Current funds are those which are available for the immediate or recurrent purposes of the institution, such as salaries, travel of employees, purchase of supplies or materials for immediate use in classrooms, libraries, or offices, purchase of food for dining halls, and similar items, whether for educational or other purposes. These current funds are usually subdivided into (1) educational and general funds, (2) auxiliary enterprises and activities funds, and (3) other noneducational funds.

Loan funds are those funds the principal of which may be lent to students to assist them in defraying their expenses while in school.

Endowment and other nonexpendable funds are those funds the principal of which is to be invested, the income of which alone being available for the current purposes of the institution. Endowment funds may be restricted in their purpose (interest usable only for certain specified purposes) or unrestricted (interest usable for any legitimate activity of the institution). Under normal conditions, the total of these funds does not decrease from year to year.

Plant funds are those funds which have been or are to be invested in buildings, grounds, library books, equipment, and other elements making up the physical plant of an institution.

Agency funds are those funds left in the custody of the institution by various persons or organizations, but not expendable by the institution except on written authority from the person or organization concerned. In other words, they are funds on deposit with the institution's treasurer. Since they are really not the property of the institution, it has never been the policy of the Office of Education to collect data on them. The present report therefore includes no analysis of these funds.

### *Educational and General Fund Income*

Educational and general income is that income which is available for those regular and customary activities of an institution which are part of, contributory to, and/or necessary to its instructional or research program. These activities, usually spoken of as functions, are discussed in some detail in the section on educational expenditures.

The income of institutions of higher education available for educational and general purposes and for other noneducational purposes amounted to \$1,538,076,513 in 1947-48. Of this amount, \$18,624,000 was reported for the four United States service academies. The net for the 1,784 non-Federal institutions was



Continental United States.....	3,290	3,497	2,305	1,966	4,188	2,861	3,036	1,880	1,580	3,687	429	461	425	386	501
New England.....	455	426	248	233	673	414	382	204	199	606	41	44	44	34	67
Middle Atlantic.....	872	873	663	570	934	706	718	514	435	772	166	155	149	135	162
East North Central.....	914	942	652	493	1,217	806	851	532	369	1,089	105	91	120	94	128
West North Central.....	321	390	227	177	345	286	358	198	139	311	35	32	29	38	34
South Atlantic.....	280	358	213	137	331	225	281	173	110	276	35	77	40	27	55
East South Central.....	53	67	44	27	35	41	54	35	24	51	12	13	9	3	4
West South Central.....	94	99	43	55	117	87	87	38	48	111	7	12	5	7	6
Mountain.....	27	28	18	13	55	25	22	14	16	52	2	6	4	2	3
Pacific.....	294	314	197	194	461	268	283	172	162	419	26	31	25	32	42
Institutions not reporting, estimated.....				62					48					14	
PERCENT OF EARNED DEGREES GRANTED IN 1939-40															
(U. S. TOTALS ONLY)															
Bachelor's, including first professional.....	100.0	99.4	67.5	73.0	145.3	100.0	94.8	51.0	53.6	160.2	100.0	105.9	91.0	126.7	124.2
Master's or equivalent.....	100.0	92.2	50.2	71.9	158.6	100.0	85.9	34.5	57.5	175.1	100.0	102.4	75.3	95.1	130.1
Doctor's.....	100.0	106.3	70.1	59.8	127.3	100.0	106.1	65.7	55.2	128.9	100.0	107.5	99.1	90.0	116.8



\$1,519,452,513 (table XIX), which exceeded the 1945-46 total of \$923,800,533 by \$595,651,980, or 64.5 percent. This may be compared with the 56.0 percent increase in student enrollment, already noted, for the 2-year period.

When the educational and general income for 1947-48 is compared regionally with that for 1939-40 (table XIX), sizable increases are apparent in every division. The lowest percent of increase is reported from New England, where the 1947-48 total is only 2½ times that for 1939-40. The greatest proportionate increase occurred in the 3 Pacific Coast States. Here the 1947-48 total was nearly 3½ times that for 1939-40.

**Table XIX.—Educational and general income of non-Federal institutions of higher education, by geographic division, 1939-40 to 1947-48**

Geographic division	1939-40	1941-42	1943-44	1945-46	1947-48	
					Amount	Percent of 1939-40
1	2	3	4	5	6	7
<b>Continental United States.....</b>	<b>\$563,098,683</b>	<b>\$618,106,388</b>	<b>\$863,653,882</b>	<b>\$923,800,533</b>	<b>\$1,519,452,513</b>	<b>269.8</b>
New England.....	57,508,119	61,881,286	72,670,268	76,344,784	134,430,519	233.8
Middle Atlantic.....	120,784,544	129,404,957	160,368,732	168,018,951	300,085,192	248.4
East North Central.....	114,465,551	128,017,117	180,467,631	172,301,244	326,587,939	285.3
West North Central.....	61,777,852	65,626,646	92,944,231	81,988,246	154,824,675	250.6
South Atlantic.....	61,399,505	69,271,459	94,929,782	99,800,122	172,595,125	281.1
East South Central.....	29,282,101	31,800,357	43,987,598	40,621,023	74,378,539	254.0
West South Central.....	45,552,253	49,094,927	66,966,369	69,459,319	118,855,270	260.9
Mountain.....	20,162,087	22,603,501	34,221,831	30,543,094	56,992,698	282.7
Pacific.....	52,166,671	60,346,138	117,097,440	105,942,360	180,702,556	346.4
Institutions not reporting (estimated).....				78,771,390		

*Per capita income.*—One measure of the comparative support received by higher education in the various States is the receipts per capita from current sources. In the selection of data for a comparison of this nature, certain arbitrary measures are necessary. Thus, per capita may be measured in terms of students enrolled or in terms of total population, as well as in various modifications of either of these criteria. Each of these criteria has its faults as well as its merits. In the present report, two measures are used: (1) Total civilian population as of July 1, 1947, by division and State; and (2) total resident college enrollments for the regular session 1947-48, also by division and State. When these are used as divisors against such items as public funds and private gifts and grants, certain facts develop (table XX).

In 1947-48 the total contribution of all types of government (Federal, State, and local) to non-federally controlled institutions of higher education amounted to \$6.33 for each civilian person

resident in the United States on July 1, 1947. This amount was nearly double that reported for 1945-46 and is the highest figure of its kind to date. Total governmental contributions ranged in amount from \$3.52 per capita in New Jersey to \$11.17 in Utah, with a median of \$6.42. Quartiles 1 and 3 (not shown in the table) were \$8.13 and \$4.78, respectively. Of the \$6.33 reported for the year under review, \$3.54 came from the Federal Government. This amount included \$2.54 for veterans' educational fees under the so-called G.I. laws, but did not include payment of veterans' subsistence allowances, which did not pass through the college business officers' hands. The other \$1 per capita from the Federal Government was contribution of a general type, such as land-grant college subvention and payment for special research projects. This amount was only a few cents more than the corresponding figure of 94 cents for 1945-46.

State governments increased their per capita contributions from \$1.61 in 1945-46 to \$2.46 in 1947-48. The 1947-48 contributions ranged from nothing in the District of Columbia (which is not organized as a State) and 79 cents in Massachusetts to \$7.21 in Utah. The median contribution was \$2.85 with quartiles 1 and 3 at \$1.71 and \$3.90, respectively.

Contributions of local governments increased from 21 cents per capita in 1945-46 to 33 cents in 1948. The largest contribution from this source was \$1.28 in California, a State in which locally controlled junior colleges are numerous. No contributions at all from this source were reported from Rhode Island, South Dakota, or Nevada. The smallest actual contribution was reported from North Carolina: less than one-half cent.

Private gifts and grants per capita ranged from nothing in Arizona and Nevada to \$1.62 in Utah and \$2.09 in the District of Columbia. The average for the Nation was 64 cents and the median 48 cents. A somewhat more defensible measure of private philanthropy, however, is obtained by comparing private gifts and grants with students enrolled. Column 8 of table XX shows that for every student registered at an institution of higher education in 1947-48, private gifts and grants amounting to \$35.05 were received. This was somewhat less than the average of \$43.49 reported from this source in 1945-46. The 1947-48 figures for individual regions showed a wide range: from \$18.97 in the West South Central division to \$62.10 in New England.

Among the States these per capita contributions ranged from nothing in Arizona and Nevada and \$2.20 in North Dakota to \$94.68 in Connecticut. The median was \$28.85 and the 1st and 3d quartiles \$18.93 and \$39.77, respectively.

Table XX.—Current receipts per capita from public sources and from private gifts and grants, non-Federal institutions of higher education, 1947-48

State, by geographic division	CURRENT RECEIPTS PER CAPITA OF TOTAL POPULATION						Private gifts and grants per student enrolled
	Public sources					Private gifts and grants	
	Total	Federal Government		State governments	Local governments		
		Veterans' educational student fees	Other current purposes				
1	2	3	4	5	6	7	8
<b>Continental United States</b> .....	<b>\$6.33</b>	<b>\$2.54</b>	<b>\$1.00</b>	<b>\$2.46</b>	<b>\$0.33</b>	<b>\$0.64</b>	<b>\$35.05</b>
<b>NEW ENGLAND</b> .....	6.78	3.57	1.95	1.19	0.07	1.10	62.10
Maine.....	4.30	2.26	.50	1.50	.04	.15	13.98
New Hampshire.....	6.73	3.86	.70	2.08	.09	1.29	79.48
Vermont.....	5.83	3.10	.94	1.59	.20	1.01	52.68
Massachusetts.....	8.20	4.00	3.37	1.79	.04	1.26	60.55
Rhode Island.....	6.06	3.77	.80	1.49	.00	.58	33.32
Connecticut.....	5.04	3.10	.22	1.57	.15	1.31	94.68
<b>MIDDLE ATLANTIC</b> .....	5.52	3.06	0.89	1.08	0.49	0.66	35.37
New York.....	6.95	3.74	1.24	.99	.98	.84	35.49
New Jersey.....	3.52	1.73	.61	1.11	.07	.23	21.19
Pennsylvania.....	4.43	2.69	.54	1.19	.01	.59	39.54
<b>EAST NORTH CENTRAL</b> .....	6.49	2.46	0.79	2.93	0.81	0.81	42.47
Ohio.....	4.40	2.04	.24	1.87	.25	.80	41.19
Indiana.....	6.18	2.46	.52	3.13	.07	.61	33.50
Illinois.....	8.63	2.79	2.03	3.47	.34	1.20	55.81
Michigan.....	6.57	2.54	.27	3.12	.64	.45	25.17
Wisconsin.....	6.33	2.46	.34	3.50	.03	.81	49.91
<b>WEST NORTH CENTRAL</b> .....	7.05	2.61	0.68	3.53	0.23	0.69	36.78
Minnesota.....	7.14	2.33	.77	3.84	.20	1.04	52.23
Iowa.....	8.20	2.99	.77	4.38	.06	.65	35.05
Missouri.....	5.71	2.96	.50	2.00	.25	.69	39.67
North Dakota.....	9.63	1.31	1.09	7.19	.04	(1)	2.20
South Dakota.....	6.56	2.16	1.13	3.27	.00	.31	18.38
Nebraska.....	7.17	2.97	.65	3.24	.31	.47	25.08
Kansas.....	7.42	2.08	.57	4.21	.56	.66	31.58
<b>SOUTH ATLANTIC</b> .....	4.86	1.97	0.74	2.08	0.07	0.52	32.57
Delaware.....	4.89	1.16	1.05	2.66	.02	.24	21.22
Maryland.....	6.11	1.85	1.70	2.48	.08	1.10	72.07
Virginia.....	3.89	1.46	.51	1.91	.01	.30	22.80
West Virginia.....	4.41	1.41	.42	2.57	.01	.14	11.98
North Carolina.....	3.96	1.76	.60	1.60	(1)	.44	33.94
South Carolina.....	4.82	1.79	.61	2.37	.05	.59	40.76
Georgia.....	3.69	1.93	.48	1.21	.07	.43	29.82
Florida.....	6.73	2.48	.25	3.91	.09	.18	12.62
District of Columbia.....	9.12	5.47	3.00	.00	.65	2.09	35.43
<b>EAST SOUTH CENTRAL</b> .....	4.21	1.70	0.57	1.75	0.19	0.46	35.80
Kentucky.....	3.71	1.48	.52	1.57	.14	.57	47.76
Tennessee.....	4.04	1.89	.52	1.61	.02	.55	36.16
Alabama.....	5.27	2.10	.60	2.39	.18	.44	33.32
Mississippi.....	3.67	1.14	.68	1.33	.52	.21	20.53
<b>WEST SOUTH CENTRAL</b> .....	6.04	2.24	0.56	3.06	0.18	0.34	18.97
Arkansas.....	4.04	1.04	.72	2.26	.02	.20	17.98
Louisiana.....	6.47	1.78	.55	4.09	.05	.38	23.76
Oklahoma.....	6.80	2.82	.51	3.46	.01	.16	7.39
Texas.....	6.18	2.53	.54	2.79	.32	.42	21.96

1 Less than half of 1 cent.

Table XX.—Current receipts per capita from public sources and from private gifts and grants, non-Federal institutions of higher education, 1947-48—cont'd

State, by geographic division	CURRENT RECEIPTS PER CAPITA OF TOTAL POPULATION						Private gifts and grants per student enrolled
	Public sources					Private gifts and grants	
	Total	Federal Government		State governments	Local governments		
		Veterans' educational student fees	Other current purposes				
1	2	3	4	5	6	7	8
MOUNTAIN.....	9.01	3.12	0.99	4.62	0.28	0.48	19.08
Montana.....	8.27	3.13	.91	4.20	.03	.32	15.73
Idaho.....	7.67	1.64	.96	4.79	.28	.47	24.98
Wyoming.....	9.38	2.45	1.51	5.21	.21	.32	21.48
Colorado.....	10.23	4.99	1.06	3.74	.44	.46	14.11
New Mexico.....	8.15	2.76	.82	4.21	.36	.10	4.94
Arizona.....	6.56	2.03	.56	3.52	.45	.00	.00
Utah.....	11.17	2.84	1.07	7.21	.05	1.62	43.99
Nevada.....	10.67	1.84	2.17	6.66	.00	.00	.00
PACIFIC.....	9.86	2.49	2.48	3.91	0.98	0.53	25.05
Washington.....	8.70	1.65	.48	6.40	.17	.51	24.79
Oregon.....	5.79	2.31	.46	2.86	.16	.18	9.69
California.....	10.74	2.71	3.24	3.51	1.28	.58	27.15
Range:							
Highest.....	11.17	5.47	3.37	7.21	1.28	2.09	94.68
Lowest.....	3.52	1.04	.24	.00	.00	.00	.00
Median.....	6.42	2.33	.80	2.85	.09	.48	28.85

<sup>1</sup> Less than half of 1 cent.

*Percentage analysis of current income.*—The income of higher educational institutions for educational and general purposes and for noneducational purposes comes from three main types of sources: internal, philanthropic, and public or governmental. Internal sources include student fees for educational and similar purposes, sales and services of instructional departments and related activities, and miscellaneous sources (such as rent of auditoriums, interest on current funds, etc.). Philanthropic sources include gifts, grants, donations, etc., from individuals or organizations of a voluntary or nonpublic type; bequests; and other contributions of this type intended for current use (present philanthropy); and earnings of endowment and other nonexpendable funds (the outcome of past philanthropy). Public sources include appropriations, tax levies, and other contributions from the United States Government, State governments, and from city, county, district, or other local governments.

When the current educational and general and noneducational income for 1947-48 is analyzed alongside those for 1937-38 and 1927-28, certain facts develop (table XXI):



(1) Internal sources. Dependence of higher education on internal sources (student fees, sales and services, and miscellaneous sources) seems to be either increasing or decreasing, according to one's individual interpretation of certain of the data. As the figures stand in table XXI, these sources yielded 46.5 percent of the 1927-28 total and 42.6 percent of that for 1937-38, but only 29.3 percent of that for 1947-48. These figures, however, do not tell the entire story, particularly in connection with the student fees item. This item includes only receipts from or on behalf of students not eligible for or not claiming the benefits of the Servicemen's Readjustment Act of 1944 (P. L. 346, 79th Congress, commonly known as the G.I. Bill) and its companion Act (P. L. 16, same Congress).

Collections or accruals from the Federal Government under those acts are reported under the heading of "public sources," below. They amounted to \$364,726,967 in 1947-48, which constituted 23.3 percent of the total of educational and general and non-educational income for that year. If these collections are deducted from the public sources total and added to that of student fees in the internal sources group, the student fees percentage changes from 19.5 to 42.8. The 1947-48 percentage for internal sources likewise changes from 29.3 to 52.6 and that for public sources drops from 59.3 to 36.0.

Sales and services and other miscellaneous sources accounted for 15.9 percent of the total for 1927-28, dropped to 8.2 percent for 1937-38, and increased only slightly, to 9.8 percent for 1947-48. Although it is probably true that some of this irregularity of trend is attributable to changes in accounting procedures during the 20-year interval, it is also quite possible that there has actually been an increasing stress on other sources of income.

(2) Philanthropy. At best a minor source of income, philanthropy has pursued a rather indefinite course during the two decades under review. Private gifts and grants increased somewhat in importance from 1927-28 to 1937-38, then dropped back in 1947-48 to a portion of the total only slightly larger than was shown 20 years earlier. Endowment earnings increased slightly the first decade, then dropped sharply in 1947-48.

(3) Public sources. The possibility of differences in interpreting these items has already been mentioned. Nevertheless, even after the sum paid for veterans' tuition and fees by the Federal Government is moved to the student fees item, the Federal Government's contribution still stands at 10.4 percent of the total—as compared with 4.1 percent of that for 1927-28 and 5.6 percent of that for 1937-38. It is noticeable, however, that although institutions are dependent on public sources for more than one-third of



their income (even when veterans' tuition and fees are disregarded), their dependence on State and local sources, although increasing noticeably in amount, is decreasing in comparative importance. These sources together yielded 30.2 percent of the total 20 years ago, 31.2 percent in 1937-38, but only 25.6 percent in 1947-48.

*Table XXI.—Educational and general, and noneducational income, institutions of higher education, by source, 1927-28, 1937-38, and 1947-48*

Item	1927-28	1937-38	1947-48
1	2	3	4
Number of institutions.....	1,216	1,586	1,788
AMOUNT <sup>1</sup>			
<b>TOTAL INCOME</b> .....	<b>\$421,893</b>	<b>\$522,108</b>	<b>\$1,561,897</b>
Internal sources.....	196,093	222,151	457,471
Student fees.....	129,107	178,996	304,601
Sales and services.....	66,986	27,947	92,725
Miscellaneous sources.....		15,208	60,145
Philanthropic sources.....	81,003	107,562	178,148
Private gifts and grants.....	22,218	36,908	91,468
Endowment earnings.....	58,785	70,654	86,680
Public sources.....	144,797	192,395	<sup>2</sup> 926,278
Federal Government.....	17,387	29,345	<sup>2</sup> 526,476
State governments.....		140,959	352,281
Local governments.....	127,410	22,091	47,521
PERCENT <sup>3</sup>			
<b>TOTAL INCOME</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Internal sources.....	46.5	42.6	29.3
Student fees.....	30.6	34.3	19.5
Sales and services.....	15.9	5.4	5.9
Miscellaneous sources.....		2.9	3.9
Philanthropic sources.....	19.2	20.6	11.4
Private gifts and grants.....	5.3	7.1	5.9
Endowment earnings.....	13.9	13.5	5.5
Public sources.....	34.3	36.8	<sup>2</sup> 59.3
Federal Government.....	4.1	5.6	<sup>2</sup> 33.7
State governments.....		27.0	22.6
Local governments.....	30.2	4.2	3.0

<sup>1</sup> In thousands of dollars, i.e., 000 omitted.

<sup>2</sup> Includes \$364,727,000 (23.3 percent of total) payments by Federal Government for tuition and fees of veterans of World War II; no comparable item in 1927-28 or 1937-38.

<sup>3</sup> Calculated from rounded figures.

When the 1947-48 income of all institutions (including \$18,624,000 in Federal funds for the U. S. Service academies) is tabulated by control of institutions and when these different tabulations are analyzed percentage-wise, certain other facts develop (table XXII) :

**Table XXII.—Percentage analysis of current income, institutions of higher education, by control and type of institution, and by fund and source of income, 1947-48**

Item	All institutions			Publicly controlled institutions			Privately controlled institutions		
	Amount <sup>1</sup>	Percent <sup>2</sup> of—		Amount <sup>1</sup>	Percent <sup>2</sup> of—		Amount <sup>1</sup>	Percent <sup>2</sup> of—	
		Educational and general income	Total current income		Educational and general income	Total current income		Educational and general income	Total current income
1	2	3	4	5	6	7	8	9	10
<b>I. ALL INSTITUTIONS</b>									
Educational and general income:									
Student fees.....	\$304,601	19.8	15.0	\$ 84,518	10.4	8.0	\$220,083	30.3	22.6
Federal Government:									
For veterans' tuition and fees.....	364,727	23.7	18.0	161,082	19.9	15.3	203,645	28.0	20.9
For other purposes.....	161,748	10.5	8.0	92,923	11.4	8.8	68,825	9.5	7.0
State governments.....	352,280	22.9	17.4	332,096	40.9	31.6	20,185	2.8	2.1
Local governments.....	47,521	3.1	2.3	47,240	5.9	4.5	282	( <sup>3</sup> )	( <sup>3</sup> )
Endowment earnings.....	86,679	5.6	4.3	7,918	1.0	0.8	78,761	10.8	8.1
Private gifts and grants.....	91,467	6.0	4.5	14,556	1.8	1.4	76,911	10.6	7.9
Sales and services.....	92,725	6.0	4.6	53,281	6.6	5.1	39,444	5.4	4.0
Miscellaneous sources.....	36,326	2.4	1.8	17,303	2.1	1.6	19,023	2.6	1.9
Total educational and general income.....	1,538,076	100.0	75.9	810,917	100.0	77.1	727,150	100.0	74.5
Auxiliary enterprises and activities.....	456,154	-----	22.9	228,519	-----	21.9	233,635	-----	24.2
Other noneducational income.....	23,821	-----	1.2	10,950	-----	1.0	12,832	-----	1.3
Total current income.....	2,027,051	-----	100.0	1,051,366	-----	100.0	975,685	-----	100.0
<b>II. UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS</b>									
Educational and general income:									
Student fees.....	265,765	19.6	14.9	64,932	9.8	7.5	200,833	28.9	21.8
Federal Government:									
For veterans' tuition and fees.....	325,792	24.0	18.3	127,970	19.4	14.8	197,822	28.5	21.4
For other purposes.....	161,357	11.9	9.0	92,567	14.0	10.7	68,790	9.9	7.5
State governments.....	283,831	21.0	15.9	263,739	39.9	30.6	20,092	2.9	2.2
Local governments.....	23,597	1.7	1.3	23,372	3.5	2.7	225	( <sup>4</sup> )	( <sup>4</sup> )
Endowment earnings.....	85,270	6.3	4.8	7,578	1.2	0.9	77,692	11.2	8.4
Private gifts and grants.....	86,074	6.4	4.8	14,468	2.2	1.7	71,636	10.3	7.8
Sales and services.....	90,464	6.7	5.1	51,563	7.8	6.0	38,901	5.6	4.2
Miscellaneous sources.....	32,943	2.4	1.8	14,587	2.2	1.7	18,356	2.7	2.0
Total educational and general income.....	1,355,093	100.0	75.9	660,776	100.0	76.5	694,317	100.0	75.3

# HIGHER EDUCATION

Auxiliary enterprises and activities.....	408,358	192,615	22.9	100.0	862,666	100.0	215,743	22.3	100.0	922,654	100.0	23.4
Other noneducational income.....	21,869	9,275	1.2					1.1		12,594		1.3
<b>Total current income.....</b>	<b>1,785,320</b>		<b>100.0</b>		<b>862,666</b>		<b>100.0</b>			<b>922,654</b>		<b>100.0</b>
<b>III. TEACHERS COLLEGES AND NORMAL SCHOOLS</b>												
Educational and general income.....	14,629		16.3		12,602		14.7			2,027		36.0
Student fees.....	16,581		18.4		15,835		18.4			746		13.2
Federal Government:	118		1		118		.1			0		(3)
For veterans' tuition and fees.....	51,511		57.3		51,510		60.0			1		
State governments.....	3,108		3.5		3,108		3.6			0		
Local governments.....	3,453		4		175		.2			0		
Endowment earnings.....	1,091		1.2		49		.1		(3)	178		3.2
Private gifts and grants.....	1,098		1.2		1,090		1.3			1,042		18.5
Sales and services.....	1,432		1.6		1,364		1.6			68		1.2
Miscellaneous sources.....										8		1.1
<b>Total educational and general income.....</b>	<b>89,921</b>		<b>100.0</b>		<b>85,851</b>		<b>100.0</b>			<b>4,070</b>		<b>72.2</b>
Auxiliary enterprises and activities.....	28,775		23.9		27,232		23.8			1,543		27.4
Other noneducational income.....	1,451		1.2		1,426		1.2			25		.4
<b>Total current income.....</b>	<b>120,147</b>		<b>100.0</b>		<b>114,509</b>		<b>100.0</b>			<b>5,638</b>		<b>100.0</b>
<b>IV. JUNIOR COLLEGES</b>												
Educational and general income.....	24,207		26.0		6,984		10.9			17,223		36.3
Student fees.....	22,354		24.0		17,277		26.9			5,077		10.7
Federal Government:	274		3		238		3			36		.1
For veterans' tuition and fees.....	16,939		18.2		16,847		26.2			92		.2
State governments.....	20,816		22.4		20,760		32.3			56		.1
Local governments.....	1,057		1.1		106		.2			891		1.9
Endowment earnings.....	4,303		4.6		39		.1			4,264		9.0
Private gifts and grants.....	1,163		1.3		1,060		1.0			534		1.1
Sales and services.....	1,949		2.1		1,350		2.1			599		1.3
Miscellaneous sources.....												
<b>Total educational and general income.....</b>	<b>93,062</b>		<b>100.0</b>		<b>64,290</b>		<b>100.0</b>			<b>28,772</b>		<b>60.7</b>
Auxiliary enterprises and activities.....	28,022		23.1		9,672		13.0			18,350		38.7
Other noneducational income.....	501		.4		229		.6			272		.6
<b>Total current income.....</b>	<b>121,585</b>		<b>100.0</b>		<b>74,191</b>		<b>100.0</b>			<b>47,394</b>		<b>100.0</b>

1 In thousands of dollars, i.e., 000 omitted. Detail will not necessarily add to totals because of rounding.

2 Percentage analyses based on unrounded figures.

3 Less than half of 1 percent.

(1) Although only 35.2 percent of the institutions were under public control in 1947-48, they enrolled 50.7 percent of the students, employed 50.4 percent of the staff, and received 52.7 percent of the income for educational and general purposes.

(2) Almost one-third (30.3 percent) of the educational and general income of privately controlled institutions was paid in by students as fees for matriculation, tuition, etc.; only one-tenth (10.4 percent) of the corresponding income of publicly controlled institutions was from students. If, however, payment of veterans' tuition and fees by the Federal Government is added to the payment by nonveteran students, these percentages become 58.3 for private and 30.3 for public institutions.

In like manner, for every dollar paid in as educational fees by students themselves at public institutions, \$2.60 was paid in at private institutions; adding in the payments by the Federal Government on behalf of veterans, this ratio becomes \$1 at public institutions to \$1.73 at those under private control.

(3) For every dollar of endowment earnings received at public institutions, \$9.95 was received at private institutions. Of this \$9.95, nearly all—\$9.81—was collected by private universities, colleges, and professional schools.

(4) The increasing importance of contributions by the Federal Government to higher education has already been noted. This contribution amounted to more than \$526,000,000 and was divided among institutions in nearly the same ratio as staff and enrollment: 48.2 percent to public institutions and 51.8 percent to those under private control.

Division of this income by purpose, however, varied with the control of institutions. Of the approximately \$254,000,000 contributed to institutions under public control, nearly three-eighths (36.6 percent) was for purposes other than veterans' education; but of the approximately \$272,500,000 contributed to privately controlled institutions, only about one-fourth (25.3 percent) was for general purposes.

In 1927-28 privately controlled institutions received 5.0 percent of all Federal funds contributed to higher education; in 1937-38 their share was 7.3 percent; and in 1947-48 they received 42.6 percent of the Federal funds available for general purposes, not counting contributions for tuition of veterans of World War II. If payments of this sort are included, the private institutions' share of the augmented total for 1947-48 becomes 51.8.

(5) In 1927-28 privately controlled institutions received 3.2 percent of all State and local funds going to higher education; in 1937-38 this percent was 4.7; and in 1947-48 it was 5.1.



(6) Private gifts and grants for current purposes followed the opposite trend: in 1927-28 privately controlled institutions received 90.1 percent of the total; in 1937-38, 87.7 percent; and in 1947-48, 84.1.

(7) Thus it appears that the fading line between control and support of higher education, first remarked on by this Office in 1940,<sup>8</sup> is becoming less and less distinct, with publicly controlled institutions receiving a constantly increasing share of private gifts and privately controlled institutions receiving an ever-increasing share of public funds.

A comparison of institutions by level or type brings out other differences in sources of income. Public sources accounted for three-fifths (60.2 percent) of the educational and general income of all institutions of higher education for 1947-48. This contribution was highest among teachers colleges and normal schools, where it reached 79.3 percent, this high percent being a reflection of the fact that 19 out of every 20 (94.5 percent) of all students in these institutions are in those under public control. Junior colleges received 64.9 percent of their income from public sources, and degree-granting universities, colleges, and professional schools (exclusive of teachers colleges) received 58.6 percent of their income from these sources.

These figures included payments by the Federal Government for veterans' tuition and fees. Excluding these payments, which under previously normal conditions would have come from students, the percentages for other payments from all public sources would become: all institutions, 36.5; teachers colleges and normal schools, 60.9; junior colleges, 40.9; and universities, colleges, and professional schools, 34.6.

Analysis of the total public contributions by governmental level reveals some striking differences: local governments supplied 22.4 percent of the educational and general income of junior colleges, but only 1.7 percent of that of all other institutions as a whole.

There is reason to believe that other elements (size of student body or geographic region, for example) may bear some relation to distribution of income by source. In some localities the publicly controlled junior colleges charge moderate student fees or none at all; in others the privately controlled institutions of all types receive public appropriations as a matter of tradition. The present report, however, does not include detailed analyses of any of these other elements.

*Student fees.*—Income from students for fees (including matric-

<sup>8</sup> Badger, Henry G., and Kelly, Frederick J. *College Income and Expenditures 1939-40*. Federal Security Agency, Office of Education Circular No. 188 (November 1940), p. 7.



ulation, tuition, laboratory, library, health, and other fees, but not room or meal charges) amounted to \$304,600,958 in 1947-48. This represents an increase of \$90,256,764, or 42.1 percent, over the \$214,344,194 reported for 1945-46.

Of the 1947-48 total for student fees, \$84,517,687, or 27.7 percent, was received by publicly controlled institutions, and \$220,083,271, or 72.3 percent, by institutions under the control of churches and other nongovernmental organizations. Universities, colleges, and professional schools received 87.3 percent of the total; junior colleges 7.9 percent; and teachers colleges and normal schools 4.8 percent.

The figures on student fees just given do not include \$364,726,967 paid by the Federal Government for tuition and fees (not subsistence) of World War II veterans. Of this amount \$161,082,216 was paid in at publicly controlled institutions and \$203,644,751 at those under private control. If these figures are added to the tuition and fees paid by the students themselves, the resulting totals of tuition and fees paid by or for students become: public institutions \$245,599,903, or 36.7 percent, and private institutions \$423,728,022, or 63.3 percent, making a total of \$669,327,925.

*Public sources.*—The total amount of contributions by the Federal Government, the several States, and counties, cities, or school districts toward the support of higher education amounted to \$926,276,942 in 1947-48. This is a little more than twice the \$453,416,207 reported for these items in 1945-46.

Of the \$926,276,942 just mentioned, payments by the Federal Government for educational fees (not subsistence) of veterans of World War II amounting to \$364,726,967, or 23.7 percent of the total of educational and general income, have already been noted. Since these payments were conditioned on the rendering of a specific service by higher educational institutions to persons to whom the Government recognizes an obligation, they are not a subsidy to higher education in the commonly accepted sense. It is therefore not surprising to find these payments distributed among the various types of institutions largely on the basis of availability of instruction of various types and for the various professions.

Contributions of the Federal Government for research and other current purposes amounted to \$161,748,355 in 1947-48. This is 18.9 percent more than the \$136,075,854 reported for 1945-46, but only a little more than half (52.5 percent) of the \$308,163,199 for 1943-44. The 1947-48 figure included \$95,231,598 for research and \$66,516,757 for other purposes. Corresponding details of the 1945-46 figures are not available.

Income from State governments increased from \$225,161,280 in

1945-46 to \$352,280,249 in 1947-48. This increase of 56.5 percent may be compared with the increase of 57.9 percent in enrollment in publicly controlled universities, colleges, and professional schools, and that of 62.0 percent in publicly controlled teachers colleges and normal schools. The total increase in attendance for these two groups of institutions was 58.5 percent. If publicly controlled junior colleges, with an increase of 62.5 percent in enrollment, are included in these figures, the percent of increase in enrollment at all publicly controlled institutions of higher education becomes 59.0.

State contributions to junior colleges in 1947-48 amounted to \$16,938,803, or 4.8 percent of the total of contributions from this source.

Contributions of local governments (counties, cities, school districts, etc.) amounted to \$47,521,371, or 3.1 percent of the total of educational and general income for 1947-48. The \$47,521,371 just referred to represents an increase of 53.3 percent over the \$31,004,711 reported for 1945-46 and 79.7 percent over the \$26,448,656 reported for 1943-44.

Of the 1947-48 figure given above, \$47,239,838, or 99.4 percent, was received by institutions under public control. The remaining \$281,533, or 0.6 of 1 percent, was reported by institutions under private control. Of the total of \$47,521,371, more than \$23,500,000 was reported by universities, colleges, and professional schools, including nearly \$14,000,000 for the city colleges in New York City. Nearly \$21,000,000 was received by junior colleges, and a little more than \$3,000,000 by teachers colleges and normal schools.

*Endowment earnings.*—Earnings of endowment and other non-expendable funds totaled \$86,679,165 in 1947-48, representing a decrease of \$3,083,678, or 3.4 percent from the \$89,762,843 reported for this item in 1945-46. It is noteworthy that this decrease was proportionately greater in the publicly controlled institutions (10.4 percent) than in those under private control (2.7 percent). In similar fashion, whereas privately controlled institutions received 88.5 percent of the total of endowment earnings of all higher education in 1943-44, they received 90.2 percent of the total for 1945-46 and 90.9 percent of that for 1947-48.

*Private gifts and grants.*—Contributions of individuals, churches, and philanthropic organizations to higher education amounted to \$91,467,072, which was just 6.0 percent of the total educational and general income in 1947-48. This represents an increase of \$13,894,872, or 17.9 percent, over the \$77,572,200 reported for 1945-46, and an increase of \$41,017,840, or 81.3 percent, over the corresponding figure for 1943-44.

Publicly controlled institutions reported 15.9 percent of the total of private gifts and grants for 1947-48, as contrasted with 16.4 percent for 1945-46 and 17.4 percent for 1943-44. For earlier years, corresponding percentages were: for 1937-38, 12.3; and for 1927-28, 9.9. Thus, whereas 20 years ago a little less than 1 in every \$10 given to higher education in private philanthropy went to publicly controlled institutions, 10 years ago the ratio was approximately 1 in 8, and in 1947-48, it was 1 in 6.

Of special interest is another 20-year comparison: From 1927-28 to 1947-48 private gifts to public institutions increased from \$2,198,110 to \$14,555,872. Gifts from these same sources to private institutions increased from \$20,019,905 to \$76,911,200. Total gifts to institutions of both types increased from \$22,218,015 to \$91,467,072. Thus, gifts to public institutions increased more than fivefold, those to private institutions a little less than threefold, and the total of all gifts a little more than threefold.

Data have not been tabulated to show the total estimated value of nonsalaried service rendered by religious or philanthropically minded personnel at institutions of higher education in 1947-48. If the same relation existed between this type and other types of private gifts as in past years, it is safe to assume that this service was worth not less than \$14,500,000 during 1947-48, and may have been worth more.

*Sales and services.*—Sales and services of instructional departments and of organized activities related to them are frequently referred to briefly as Sales and Services of Related Activities. The term includes all the incidental earnings of an institution, such as sales of livestock or dairy products of an agricultural school, charges for transcripts of credits from the registrar's office, income of a laboratory school, demonstration school, museum, etc. The item is a comparatively new one in higher education accounting. Its first appearance in a report of this Office was in the one for 1931-32. Prior to that time, income belonging under this heading was classified under the heading "Miscellaneous Receipts From All Other Sources."

Income from sales and services amounted to \$92,725,064 and accounted for 6.0 percent of the total educational and general income of the 1,788 institutions under review. The amount reported for the institutions under public control was \$53,281,218, or 6.6 percent of the educational and general total for those institutions, for the privately controlled group the total was \$39,443,846 and the percent was 5.4. The total for all institutions represents an increase of 38.2 percent over the corresponding figure for 1945-46.

*Miscellaneous income.*—The miscellaneous income account of an



institution of higher education includes that income which is either so incidental in its nature, so irregular in its frequency, or so minor in its amount as to make its classification difficult or impractical. The two most common sources are probably interest on current funds (not interest on funds which are regularly or usually invested) and rent of institutional property for noninstitutional purposes (as, for example, the rent of a college dormitory or auditorium for a conference on religious, social, or other matters not specifically included in the institution's instructional program).

This miscellaneous income amounted to \$36,326,456 in 1948. This is nearly 60 percent more than the \$22,779,116 reported in 1945-46. Although the 1947-48 figure, running as it does more than \$36,000,000, may look rather large as an absolute figure, it actually represented only 2.4 percent of the total of all educational and general income for the year.

*Total educational and general income.*—The \$1,538,075,657 reported as income for educational and general and for noneducational purposes amounted to 75.9 percent of the total current income for 1947-48, which came to \$2,027,050,985.

*Auxiliary enterprises and activities.*—The auxiliary enterprises and activities of an institution include those activities which are important to its program but not absolutely indispensable to that program and which are usually, although not necessarily, speculative or quasi-commercial. In many instances these enterprises offer services to the noncollege public of their respective communities when they can do so without impairing their usefulness to the college community and when they do not compete with the regular business activities of the noncollege community in which they are located. Residence and dining hall accommodations, college bookstores, industrial plants (woodworking, printing, etc.) are examples of this type of activity. Intercollegiate athletics and concert courses also fall within this category.

Total income from this type of activity amounted to a little more than \$465,000,000 for the year; details by activity are not available.

*Other noneducational income.*—The National Committee on Standard Reports for Institutions of Higher Education defines other noneducational income as "items other than auxiliary enterprises and activities which do not relate to the educational work of the institution."<sup>9</sup> Examples as listed by the National Committee are: (1) scholarships, fellowships, prizes, and other student aid; (2) annuities; (3) financial campaigns and promotion; and (4) interest on loans.

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<sup>9</sup> National Committee on Standard Reports for Institutions of Higher Education. *Financial Reports for Colleges and Universities*, the University of Chicago Press, 1935. p. 47.

The total amount of this noneducational income, as reported by the 1,788 institutions, was \$23,821,176. Data of this type of income were not collected in 1945-46.

### *Plant Fund Income*

In 1947-48 a total of \$364,901,512 was paid to institutions of higher education for the purpose of purchasing new sites, construction or major remodeling of buildings, purchase of equipment, and other items tending to increase the physical plant. Of this amount 81.5 percent was contributed to universities, colleges, and professional schools, 11.3 percent to teachers colleges and normal schools, and 7.2 percent to junior colleges. Institutions under public control received 68.0 percent of the grand total, those under private control receiving the remaining 32.0 percent.

The 1947-48 total of \$364,901,512 is almost exactly three times the \$121,836,778 reported for 1945-46 and nearly six times that for 1939-40 (table XXIII). This increase, like many others noted in this report, was far from uniform throughout the country. In the East South Central States the 1947-48 total was nearly 13 times that for 1939-40; in New England the later figure was not quite four times the earlier. These figures, it should be noted, show nothing as to the need for plant expansion either prior to 1939-40 or at the present time; they record only the activity between those dates.

**Table XXIII.—Receipts for plant expansion, non-Federal institutions of higher education, by geographic division, 1939-40 and 1947-48**

Geographic division	Receipts <sup>1</sup>		Percent <sup>2</sup> 1947-48 of 1939-40
	1939-40	1947-48	
1	2	3	4
<b>Continental United States.....</b>	<b>\$62,703</b>	<b>\$364,901</b>	<b>582.0</b>
New England.....	5,377	21,319	396.5
Middle Atlantic.....	5,535	37,209	672.2
East North Central.....	13,824	79,821	577.4
West North Central.....	6,449	31,635	490.5
South Atlantic.....	14,331	61,385	428.3
East South Central.....	1,891	24,070	1,272.9
West South Central.....	5,314	43,365	816.1
Mountain.....	3,243	13,397	413.1
Pacific.....	6,739	52,700	782.0

<sup>1</sup> In thousands of dollars, i.e., 000 omitted.

<sup>2</sup> Calculated from rounded figures.

### *Private Gifts and Grants for Nonexpendable Funds*

Total receipts from private gifts and grants to be used for increase of permanent and quasi-permanent funds amounted to nearly \$76,000,000 in 1947-48 (table 3). Of this amount 14.0 per-



cent went to publicly controlled institutions and 86.0 percent to institutions under private control.

As might be expected, the great bulk of these receipts was announced by universities, colleges, and professional schools: 97.8 percent of the total. This amount was divided in turn by control, 13.4 percent of the total going to publicly controlled institutions of this type and the remaining 84.4 percent to those under private control. Teachers colleges and normal schools received a comparatively small amount for this purpose: \$481,000, or about one-half of 1 percent of the total. The remaining 1.6 percent was received by junior colleges.

The greater portion of these gifts (by amount, not necessarily by number) were for the purpose of increasing the regular endowment funds of the institutions reporting. Gifts for this purpose amounted to \$62,140,000, or 81.9 percent of the total. Gifts intended or used to increase the amount of funds temporarily functioning as endowment amounted to \$9,743,000, or 12.8 percent of the total. Funds donated subject to annuity agreements totaled \$2,731,000, or 3.6 percent of the total. Student loan funds were increased by \$1,265,000.

Data have not been assembled on increase of these funds from sources other than private gifts. It is believed that these other sources were comparatively minor in amount.

### *Expenditures*

#### *Grand Total of Expenditures*

A total of \$1,883,270,683 was spent for current purposes by the 1,788 institutions of higher education in 1947-48. Adding to this total the \$306,369,830 spent for expansion of the physical plant brings the total amount of money passing through the hands of college business officers during the year to \$2,189,640,513.

The grand total of expenditures for current and plant purposes for 1947-48, \$2,189,640,513, exceeds the corresponding total of \$1,159,824,218 for 1945-46 by \$1,029,816,295, or 88.8 percent. Neither of these figures, it will be noted, includes payments to reduce indebtedness.

Of the current fund expenditures for 1947-48<sup>10</sup> 50.5 percent was spent by institutions under public control and 49.5 percent by those under the control of religious or other philanthropic organizations.

Analysis of the grand total of \$2,189,640,513 by level of institution gives: Universities, colleges, and professional schools, 88.4 percent; teachers colleges and normal schools, 5.8 percent; and junior colleges, 5.8 percent.

<sup>10</sup> Using rounded figures in table 2 of this chapter.

Analysis of the plant fund expenditures only by control of institution shows 59.8 percent of the total spent by publicly controlled institutions and 40.2 percent by those under private control. By level, these figures show the following: Universities, colleges, and professional schools, 85.3 percent; teachers colleges and normal schools, 8.3 percent; and junior colleges, 6.4 percent.

### *Educational and General Expenditures*

When the educational and general expenditures of higher education for the past 8 years are analyzed by geographic regions (table XXIV), an increase is discernible in every region for every biennial period compared. The total for 1947-48 is more than 2½ times that for 1939-40, reaching 3½ times the 1939-40 total in the Pacific States (California, Oregon, and Washington).

**Table XXIV.—Educational and general expenditures, non-Federal institutions of higher education, by geographic division, 1939-40 to 1947-48**

Geographic division	Expenditures <sup>1</sup>					
	1939-40	1941-42	1943-44	1945-46	1947-48	
					Amount	Percent <sup>2</sup> of 1939-40
1	2	3	4	5	6	7
<b>Continental United States.....</b>	<b>\$517,043</b>	<b>\$567,519</b>	<b>\$656,802</b>	<b>\$819,169</b>	<b>\$1,377,918</b>	<b>265.5</b>
New England.....	52,748	55,624	59,532	73,484	126,825	240.4
Middle Atlantic.....	112,018	120,616	131,057	155,444	280,446	250.4
East North Central.....	107,022	117,551	141,533	155,347	297,865	278.3
West North Central.....	56,938	59,864	66,814	74,570	133,560	234.6
South Atlantic.....	57,679	66,650	78,489	92,375	158,437	274.7
East South Central.....	26,807	29,601	32,648	36,826	67,156	250.5
West South Central.....	39,271	42,799	45,906	58,676	99,583	253.6
Mountain.....	18,528	20,422	22,672	26,439	52,300	282.3
Pacific.....	46,032	54,392	78,151	74,377	161,746	351.4
Institutions not reporting (estimated).....	-----	-----	-----	71,631	-----	-----

<sup>1</sup> In thousands of dollars, i.e., 000 omitted.

<sup>2</sup> Based on rounded numbers.

### *Percentage Analysis of Current Expenditures*

Table XXV presents analyses of three types of current expenditure: educational and general, campus only; all educational and general; and all current expenditures.

*Administration and general expense.*—Administrative expenses constituted 14.8 percent of the educational and general total (campus activities only), 12.4 percent of the entire educational and general group, and 9.1 percent of all current expenditures. These percentages, it will be noted, run considerably higher among privately controlled institutions than among those under public control. Analyses by type, however, show irregular tendencies, suggesting that administrative costs are not influenced so much by

type or control of institutions as by size of student body or other factors not measured in these figures.

*Resident instruction.*—The regular classroom instruction and laboratory work of institutions of higher education cost a total of \$657,946,017 in 1947–48. This was 56.7 percent of the educational and general campus costs and 47.3 percent of the total of all educational and general costs. The fact that actual instructional activities accounted for less than half of the educational and general costs is not surprising when it is recalled that the modern institution of higher education carries on a broad and ramified program, including not only the transmission of knowledge (instruction), but also the preservation of knowledge (libraries), the extension of the bounds of human knowledge (research), the implementation of knowledge through service to the community (related activities), and the carrying of the instructional and service community to off-campus areas (extension).

*Libraries.*—The maintaining of libraries, including the salaries of librarians and their aides, the purchase of books and supplies, binding of periodicals, and similar items (not including the operation and maintenance of library buildings) cost a total of \$44,207,294. This amount was 3.8 percent of the campus costs, 3.2 percent of all educational and general costs, and 2.4 percent of all current expenses. This item ran a bit higher among teacher-preparation institutions than among the university, college, professional school, and junior college groups. In the junior college group it was only 2.3 percent of educational and general costs, both campus and total, and 1.8 percent of all current costs.

*Plant operation and maintenance.*—Wages of janitors and other caretakers, cost of fuel, light, trucking of materials about the campuses, repairs to buildings, and other costs associated with the keeping of the physical plant in operation involved a total expenditure of \$201,996,291. In comparison with the total of all expenditures, this item was slightly higher among privately controlled institutions than among those under public control. It also constituted a higher percentage of the total among junior colleges and teacher-preparation institutions than among the universities, colleges, and professional schools.

A constantly increasing emphasis on operation and maintenance since 1943–44 is evident from the following comparison:

Basis	Percent		
	1943-44	1945-46	1947-48
Educational and general, campus only.....	13.3	14.5	17.4
Educational and general, all activities.....	12.4	13.5	14.5
All current expenditures.....	9.3	10.1	10.7



*Related activities.*—The conducting of museums, practice or demonstration schools, and other activities, not integral parts of the instructional program but closely connected with it, entailed a total expenditure of \$85,346,011 and constituted 7.3, 6.1, and 4.5 percent, respectively, of the three groups of expenditures listed above. Of the total just quoted, universities, colleges, and professional schools spent \$82,084,884, teachers colleges and normal schools spent \$1,507,049, and junior colleges spent \$1,754,128.

*Total educational and general, campus.*—A total of \$1,161,324,066 was spent by higher educational institutions for the campus activities of an educational and general nature. This was 83.5 percent of the total educational and general costs and 61.6 percent of the total current costs. Of the \$1,161,324,066 just mentioned, \$999,368,094 was spent by the universities, colleges, and professional schools, \$78,880,215 by teachers colleges and normal schools, and the remaining \$83,075,757 by junior colleges.

*Organized research.*—The research programs connected with higher education which were so organized that they could be identified and accounted for in the institutional budgets, cost \$159,090,200. This was 11.4 percent of all educational and general costs, and 8.5 percent of all current costs. Of the total of nearly 160 million dollars, just quoted, \$111,743 was spent at teacher-preparation institutions and \$31,616 at junior colleges. The remaining \$158,946,841 was used at universities, colleges, and professional schools.

*Extension.*—Extension, including both formal and informal instruction of a noncurricular or noncampus character, involved a total expenditure of \$71,180,627 during the school year under review. Of this total amount, 98.0 percent was spent by universities, colleges, and professional schools, 85.7 by those under public control, and the remaining 12.3 percent by privately controlled institutions of this type. A total of \$1,401,929 was spent for this activity by teachers colleges and normal schools (\$1,161,439) and junior colleges (\$240,490) combined; this constituted just 2.0 percent of the national total.

*Total educational and general expenditures.*—The grand total of all educational and general expenditures for 1947-48 was \$1,391,594,893. Of this amount 51.2 percent was spent by publicly controlled institutions and 48.8 percent by institutions under the control of private organizations. The total amount came to 73.9 percent of the total current expenditures for the year. The corresponding percentage for 1945-46 was 70.3; that for 1943-44 was 74.9.

*Auxiliary enterprises and activities.*—The auxiliary enterprise and activity group of expenditures totaled \$438,988,490, which was

23.3 percent of the total current expenditures for 1947-48. The corresponding amount for 1945-46 was \$242,027,526, and the corresponding percentage was 22.3.

*Other noneducational expenditures.*—Expenditures for scholarships, fellowships, prizes, student solicitation campaigns, interest on indebtedness (not including repayment of principal), payments to donors of annuity funds, and other activities not of an educational nature involved the expenditure of \$52,687,300 in 1947-48. This was 2.8 percent of the total of current expenditures for all institutions. This percentage ran higher among publicly controlled institutions than among those under private control and was noticeably higher among universities, colleges, and professional schools than in the other groups. The 1947-48 figure is a little more than twice the \$26,067,866 reported for this group of expenditures for 1945-46.

#### *Expenditures for Plant Expansion*

A total of \$306,369,830 was spent on increasing the physical property of institutions of higher education in 1947-48. This included the purchase of additional ground for educational or auxiliary purposes, the purchase, construction, and remodeling of buildings, the purchase of new equipment, and other items of this nature. This figure is the highest of its kind on record at the Office of Education; it is more than 4 times the \$71,402,530 reported for 1945-46.

Institutions under public control utilized \$183,194,623, or 59.8 percent of this figure; the remaining \$123,175,207, or 40.2 percent, was spent at institutions under private control. Universities, colleges, and professional schools spent 85.3 percent of the total (table XXVI); teachers colleges and normal schools used 8.3 percent; and junior colleges used 6.4 percent.

#### *Fund and Plant Values*

Data on the value of physical property and permanent funds held by institutions of higher education were collected at the close of fiscal year 1948. This was the first time such data had been collected and summarized since 1939-40. A comparison is therefore possible with the latest year of collecting statistics prior to World War II (table XXVII).

The total value of physical property and capital funds held by the 1,788 institutions of higher education in continental United States in 1948 was but little short of six and one-half billion dollars, the exact figure being \$6,493,726,943. Of this sum \$3,691,724,511 was invested in physical plant (grounds, buildings, improvements,



Table XXV.—Percentage analysis of current expenditures, institutions of higher education, by control and type of institution, and by fund and purpose of expenditure, 1947-48

Item	All institutions						Publicly controlled institutions						Privately controlled institutions					
	Amount <sup>1</sup>	Percent <sup>2</sup> of—			Amount <sup>1</sup>	Percent <sup>2</sup> of—			Amount <sup>1</sup>	Percent <sup>2</sup> of—			Amount <sup>1</sup>	Percent <sup>2</sup> of—				
		Educational and general expenditures		Total current expenditures		Educational and general expenditures		Total current expenditures		Educational and general expenditures		Total current expenditures		Educational and general expenditures		Total current expenditures		
		Total, except research extension	Total			Total, except research extension	Total			Total, except research extension	Total							
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>						
<b>I. ALL INSTITUTIONS</b>																		
Educational and general:																		
Administration and general expense.....	\$171,82	14.8	12.4	9.1	\$ 66,115	11.6	9.2	6.9	\$105,714	17.8	15.6	11.4						
Resident instruction.....	657,946	56.7	47.3	34.9	340,027	59.9	47.7	35.7	317,018	53.5	46.8	34.1						
Libraries.....	44,207	3.8	3.2	2.4	20,622	3.6	2.9	2.2	23,589	4.0	3.5	2.5						
Plant operation and maintenance.....	201,996	17.4	14.5	10.7	94,679	16.7	13.3	10.0	107,317	18.1	15.8	11.5						
Related activities.....	85,346	7.3	6.1	4.5	46,279	8.2	6.5	4.9	39,067	6.6	5.8	4.2						
Subtotal.....	1,161,324	100.0	83.5	61.6	567,722	100.0	79.6	59.7	593,602	100.0	87.5	63.7						
Organized research.....	159,090	11.4	8.5	8.5	83,041	11.7	11.7	8.7	76,049	11.2	11.2	8.2						
Extension.....	71,181	6.1	5.1	3.8	62,225	8.7	8.7	6.5	8,955	1.3	1.3	1.0						
Total educational and general.....	1,391,595	100.0	100.0	73.9	712,988	100.0	100.0	74.9	678,606	100.0	100.0	72.9						
Auxiliary enterprises and activities.....	438,988	33.3	23.3	23.3	221,695	33.3	23.3	23.3	217,293	33.3	23.3	23.3						
Other noneducational expenditures.....	52,687	4.5	3.8	2.8	17,110	2.8	2.8	1.8	35,577	3.8	3.8	3.8						
Total current expenditures.....	1,883,271	100.0	100.0	100.0	951,793	100.0	100.0	100.0	931,476	100.0	100.0	100.0						
<b>II. UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS</b>																		
Educational and general:																		
Administration and general expense.....	149,177	15.0	12.1	9.0	51,527	11.6	8.8	6.5	97,650	17.6	15.2	11.2						
Resident instruction.....	561,138	56.1	45.7	33.7	261,044	58.9	44.4	33.1	300,094	54.0	46.8	34.3						
Libraries.....	39,032	3.9	3.2	2.3	16,551	3.7	2.8	2.1	22,481	4.0	3.5	2.6						
Plant operation and maintenance.....	167,934	16.8	13.7	10.1	70,520	15.9	12.0	8.9	97,414	17.5	15.2	11.1						

# HIGHER EDUCATION

Related activities.....	82,084	8.2	6.7	4.9	43,986	9.9	7.5	5.6	38,098	6.9	6.0	4.3
Subtotal.....	999,365	100.0	81.4	60.0	443,628	100.0	75.5	56.2	555,737	100.0	86.7	63.5
Organized research.....	158,947	---	12.9	9.5	82,950	---	14.1	10.5	75,997	---	11.9	8.7
Extension.....	69,780	---	5.7	4.2	60,890	---	10.4	7.7	8,890	---	1.4	1.0
Total educational and general.....	1,228,092	---	100.0	73.7	587,408	---	100.0	74.4	640,624	---	100.0	73.2
Auxiliary enterprises and activities.....	387,672	---	---	23.3	187,210	---	---	23.7	200,462	---	---	22.9
Other noneducational expenditures.....	49,291	---	---	3.0	14,933	---	---	1.9	34,358	---	---	3.9
Total current expenditures.....	1,665,055	---	---	100.0	789,611	---	---	100.0	875,444	---	---	100.0
<b>III. TEACHERS COLLEGES AND NORMAL SCHOOLS</b>												
Educational and general:												
Administration and general expense.....	11,187	14.2	14.0	10.2	10,408	13.9	13.6	10.0	779	20.4	20.1	14.6
Resident instruction.....	47,055	59.6	58.7	43.0	44,903	59.8	58.9	43.2	2,152	56.5	55.4	40.5
Libraries.....	3,235	4.1	4.0	3.0	3,050	4.1	4.0	2.9	185	4.9	4.8	3.5
Plant operation and maintenance.....	15,898	20.2	19.8	14.5	15,206	20.2	19.9	14.6	692	18.1	17.8	13.0
Related activities.....	1,507	1.9	1.9	1.4	1,503	2.0	2.0	1.4	4	.1	.1	.1
Subtotal.....	78,882	100.0	98.4	72.1	75,070	100.0	98.4	72.1	3,812	100.0	98.2	71.7
Organized research.....	112	---	.1	.1	81	---	.1	.1	31	---	.8	.6
Extension.....	1,100	---	1.5	1.1	1,120	---	1.5	1.1	40	---	1.0	.7
Total educational and general.....	80,154	---	100.0	73.3	76,271	---	100.0	73.3	3,883	---	100.0	73.0
Auxiliary enterprises and activities.....	27,537	---	---	25.2	26,166	---	---	25.1	1,371	---	---	23.8
Other noneducational expenditures.....	1,081	---	---	1.5	1,619	---	---	1.6	62	---	---	1.2
Total current expenditures.....	109,372	---	---	100.0	104,056	---	---	100.0	5,316	---	---	100.0
<b>IV. JUNIOR COLLEGES</b>												
Educational and general:												
Administration and general expense.....	11,465	13.8	13.8	10.5	4,180	8.5	8.5	7.2	7,285	21.4	21.4	14.4
Resident instruction.....	49,752	59.9	59.7	45.7	34,080	69.5	69.2	58.6	15,672	46.0	46.0	30.9
Libraries.....	1,941	2.3	2.3	1.8	1,021	2.1	2.1	1.7	920	2.7	2.7	1.8
Plant operation and maintenance.....	18,164	21.9	21.8	16.7	8,953	18.3	18.2	15.4	9,211	27.0	27.0	18.1
Related activities.....	1,755	2.1	2.1	1.6	790	1.6	1.6	1.4	965	2.9	2.8	1.9
Subtotal.....	83,077	100.0	99.7	76.3	49,024	100.0	99.6	84.3	34,053	100.0	99.9	67.1
Organized research.....	31	---	( <sup>3</sup> )	( <sup>3</sup> )	10	---	( <sup>3</sup> )	( <sup>3</sup> )	21	---	( <sup>4</sup> )	( <sup>3</sup> )
Extension.....	240	---	.3	.2	215	---	.4	.4	25	---	( <sup>4</sup> )	( <sup>3</sup> )
Total educational and general.....	83,348	---	100.0	76.5	49,249	---	100.0	84.7	34,099	---	100.0	67.2
Auxiliary enterprises and activities.....	23,779	---	---	21.9	8,310	---	---	14.3	15,460	---	---	30.5
Other noneducational expenditures.....	1,715	---	---	1.6	558	---	---	1.0	1,157	---	---	2.3
Total current expenditures.....	108,842	---	---	100.0	58,126	---	---	100.0	50,716	---	---	100.0

1 In thousands of dollars, i.e., 000 omitted. Detail will not necessarily add to totals because of rounding.

2 Based on unrounded figures.

3 Less than 0.05 of 1 percent.

4 More than 0.05 of 1 percent, but less than 1 percent.

*Table XXVI.—Expenditures for plant expansion, institutions of higher education, by control and type of institution, 1947-48*

Type of institution	All institutions	Publicly controlled institutions	Privately controlled institutions
1	2	3	4
AMOUNT <sup>1</sup>			
All institutions.....	\$306,370	\$183,195	\$123,175
Universities, colleges, and professional schools.....	261,218	148,210	113,008
Teachers colleges and normal schools.....	25,503	25,162	341
Junior colleges.....	19,649	9,823	9,826
PERCENT <sup>2</sup>			
All institutions.....	100.0	59.8	40.2
Universities, colleges, and professional schools.....	85.3	48.4	36.9
Teachers colleges and normal schools.....	8.3	8.2	.1
Junior colleges.....	6.4	3.2	3.2

<sup>1</sup> In thousands of dollars, i.e., 000 omitted.

<sup>2</sup> Calculated from rounded figures.

furniture, and equipment) and an additional \$304,275,986 had been set aside but not yet used for plant expansion. Endowment funds of various types totaled \$2,252,813,160 and funds temporarily functioning as endowment amounted to \$131,673,957. Funds subject to annuity agreements, most of them destined for eventual transfer to endowment funds, totaled \$69,049,527. Funds available for loan to students for their personal expenses came to a total of \$44,189,802.

The proportions of these various forms of property held by institutions under public control were quite different from those held by privately controlled institutions. Thus, analyzing the data in table 13, we find that the value of buildings, grounds, and equipment of public institutions plus unexpended plant funds, amounted to 85.8 percent of the total holdings; endowment funds, including both permanent and temporary funds and those subject to annuity agreements, amounted to 13.7 percent; and student loan funds accounted for 0.5 of 1 percent. Privately controlled institutions had physical property (buildings, grounds, and equipment, plus funds set aside but not yet spent for plant expansion) amounting to only 46.5 percent of their total holdings. Endowment (permanent and temporary, plus annuity funds) accounted for another 52.7 percent. The remaining 0.8 of 1 percent was in the form of student loan funds.

Each of these figures represents a substantial increase over the corresponding amount reported for 1940, the increase for the total

of all institutions being 43.7 percent (table XXVII). The 1940 report, however, covered only 1,440 of the 1,751 institutions in existence that year. The fact that data are not available on the holdings of the 311 nonrespondent institutions for 1940 will therefore condition any appraisal of the actual increase during the 8-year period.

*Table XXVII.—Fund and plant values, institutions of higher education, 1940 and 1948*

Item	1940 Amount <sup>1</sup>	1948	
		Amount <sup>1</sup>	Percent <sup>2</sup> of 1940
1	2	3	4
Number of institutions.....	1,440	1,778	124.2
Total fund and plant values.....	\$4,518,384	\$6,493,727	143.7
Endowment and other nonexpendable funds.....	1,764,604	2,497,727	141.5
Endowment funds <sup>3</sup> .....	1,686,283	2,384,487	141.4
Annuity funds.....	49,537	69,050	139.4
Student loan funds.....	28,784	44,190	153.5
Physical plant values <sup>4</sup> .....	2,753,780 <sup>7</sup>	3,996,000	145.1

<sup>1</sup> In thousands of dollars, i.e., 000 omitted.

<sup>2</sup> Calculated on rounded numbers.

<sup>3</sup> Including funds temporarily functioning as endowment; see text for details.

<sup>4</sup> Including grounds, buildings, improvements other than buildings, equipment, and unexpended plant funds; details not available in comparable form.





Table 1.—Historical summary of institutions of higher education, 1899-1900 to 1947-48

Item	1899-1900	1909-10	1919-20	1929-30	1937-38	1939-40	1941-42	1943-44	1945-46	1947-48
1	2	3	4	5	6	7	8	9	10	11
STAFF <sup>1</sup>										
Total.....	23,868	36,480	48,615	82,386	123,677	131,552	134,137	134,451	136,032	196,300
Men.....	19,151	29,132	35,807	60,017	87,990	94,536	96,251	93,794	93,876	143,243
Women.....	4,717	7,348	12,808	22,369	35,687	37,016	37,886	40,657	42,156	53,057
Total.....	237,592	\$ 355,213	597,880	1,100,737	1,350,905	1,494,203	1,403,990	1,155,272	1,676,851	2,616,262
RESIDENT COLLEGE ENROLLMENTS <sup>2</sup>										
Men.....	152,254	214,648	314,938	619,935	803,893	893,250	818,559	578,948	927,662	1,836,339
Women.....	85,338	140,565	282,942	480,802	547,012	600,953	585,431	576,324	749,189	779,923
Total.....	\$ 27,410	\$ 37,199	48,622	122,484	164,943	186,500	185,346	125,863	136,174	271,019
DEGREES <sup>4</sup>										
Bachelor's, including first professional:										
Total.....	22,173	28,762	31,980	73,615	97,678	109,546	103,880	55,865	58,664	175,456
Men.....	5,237	8,437	16,642	48,869	67,265	76,954	81,457	69,998	77,510	95,563
Women.....	1,583	3,771	4,143	14,969	21,628	26,731	24,648	13,414	19,209	42,400
Master's:										
Total.....	1,280	3,091	2,860	8,925	13,400	16,508	14,179	5,711	9,484	28,899
Men.....	303	680	1,283	6,044	8,228	10,223	10,469	7,703	9,725	13,501
Women.....	369	429	690	2,299	2,932	3,290	3,497	2,305	1,966	4,188
Men.....	348	376	597	1,946	2,502	2,861	3,036	1,880	1,580	3,687
Women.....	21	53	93	353	430	429	461	425	386	501
FINANCES <sup>5</sup>										
Educational and general income.....	\$ 35,084	\$ 76,053	\$172,929	\$483,065	\$522,108	\$571,288	\$626,296	\$863,654	\$924,958	\$1,538,076
Educational and general expenditures.....	(6)	(6)	(6)	377,903	475,192	521,990	572,465	656,802	830,326	1,391,595
Value of physical property <sup>7</sup> .....	253,599	460,532	747,333	1,925,095	2,556,075	2,753,780	(6)	(6)	(6)	3,996,000
Endowment and other nonexpendable funds.....	194,998	323,661	569,071	1,512,023	1,721,841	1,764,604	(6)	(6)	(6)	2,497,726

1 Administrative and instructional. Totals, 1899-1900 to 1929-30: full-time equivalent, later.

2 Regular session, September to June, only.

3 Distribution by sex estimated.

4 Data on degrees conferred by teachers colleges and normal schools not available for years prior to 1919-20.

5 In thousands of dollars, i.e., 000 omitted.

6 Data not available.

7 Including unexpended plant funds.

Table 2.—Faculty, students, and degrees, institutions of higher education, 1947-48 and 1945-46

Item	Analysis of total for 1947-48									
	Gross total, 1947-48		Universities, colleges, and professional schools		Teachers colleges and normal schools		Junior colleges			
	2	3	4	5	6	7	8	9		
1										
<b>NUMBER OF INSTITUTIONS</b>										
<b>FACULTY</b>										
Total different individuals.....	1,788	1,768	159	897	229	31	242	230		
Men.....	223,660	165,324	86,164	105,979	13,970	1,116	10,041	6,390		
Women.....	164,616	116,134	65,380	81,355	7,488	420	6,654	3,319		
Full-time equivalent.....	59,044	49,190	20,784	24,624	6,482	696	3,387	3,071		
Men.....	196,300	136,032	76,719	90,678	13,325	971	8,929	5,678		
Women.....	143,243	93,876	57,975	69,046	7,085	368	5,947	2,822		
Regular session.....	53,057	42,156	18,744	21,632	6,240	603	2,982	2,856		
<b>RESIDENT COLLEGE ENROLLMENTS</b>										
Men.....	2,616,262	1,676,851	968,152	1,217,595	179,799	10,543	178,196	61,977		
Women.....	1,836,339	927,662	702,223	868,701	100,606	3,535	127,836	33,438		
Third week of fall term.....	779,923	749,189	265,929	348,894	79,193	7,008	50,360	28,559		
Men.....	2,339,292	1,073,629	829,563	1,117,068	160,971	9,645	163,005	59,040		
Women.....	1,659,416	473,682	611,209	800,176	92,506	3,522	120,408	31,505		
Veterans of World War II.....	679,876	599,947	218,354	316,892	68,465	6,123	42,507	27,555		
Men.....	1,122,738	462,079	428,290	545,973	62,190	2,933	65,740	17,612		
Women.....	1,098,647	450,605	420,185	532,116	61,147	2,738	65,151	17,310		
First time in any college.....	24,091	11,474	8,105	13,857	1,043	195	589	302		
Men.....	619,232	474,894	181,070	265,219	59,851	2,311	77,148	33,633		
Women.....	417,118	269,701	125,763	184,892	33,799	772	55,049	16,853		
Undergraduate.....	202,114	205,193	55,317	80,327	26,052	1,539	22,019	16,780		
Men.....	2,280,503	1,411,557	831,539	1,018,041	171,941	9,577	170,290	59,115		
Women.....	1,607,603	780,034	615,903	738,447	96,698	3,176	199,565	31,584		

	652,900	630,623	216,336	279,594	75,313	6,401	47,725	27,531
Women.....								
Graduate.....	174,432	121,252	69,384	100,126	4,211	711		
Men.....	120,177	75,006	48,799	68,822	2,205	351		
Women.....	54,255	46,246	20,585	31,304	2,006	360		
Special.....	181,327	* 144,042	67,229	99,428	3,647	255	7,906	2,892
Men.....	108,559	* 71,722	38,221	61,432	1,773	8	5,271	1,854
Women.....	72,768	* 72,320	29,008	37,996	1,874	247	2,635	1,008
Summer session, 1947 and 1948.....	955,429	515,602	375,079	425,378	106,229	7,680	30,034	11,029
Men.....	632,086	226,421	265,897	288,531	46,753	2,234	22,059	6,612
Women.....	323,343	289,181	109,182	136,847	59,476	5,446	7,975	4,417
OTHER ENROLLMENTS								
Resident noncollegiate.....	72,689	100,963	9,248	24,247	27,823	981	870	9,550
Men and boys.....	42,039	52,350	4,102	17,932	13,823	371	807	5,004
Women and girls.....	30,650	48,613	5,146	6,315	14,000	610	63	4,546
Nonresident (correspondence, extension).....	759,909	535,957	472,270	193,687	60,255	2,549	23,977	7,171
Men and boys.....	442,330	253,692	280,650	129,006	13,287	674	13,457	5,256
Women and girls.....	317,579	282,265	191,620	64,681	46,968	1,875	10,520	1,915
Shortcourses.....	130,497	68,739	92,690	13,521	1,784	41	22,229	232
Men and boys.....	77,426	44,818	60,087	8,779	444		7,353	163
Women and girls.....	53,071	23,921	32,003	4,742	1,340	41	14,876	69
Individual instruction.....	41,383	51,848	5,589	30,625	1,968	26	733	2,442
Men and boys.....	15,944	16,274	3,268	10,625	747		607	697
Women and girls.....	25,439	35,574	2,321	20,000	1,221	26	126	1,745
EARNED DEGREES CONFERRED								
Bachelor's or first professional.....	271,019	136,174	113,529	134,459	21,526	1,505		
Men.....	175,456	58,664	77,885	88,776	8,413	382		
Women.....	95,563	77,510	35,644	45,683	13,113	1,123		
Master's or second professional.....	42,400	19,209	16,069	24,329	1,610	392		
Men.....	28,899	9,484	11,864	15,804	1,020	211		
Women.....	13,501	9,725	4,205	8,525	590	181		
Doctor's.....	4,188	1,906	1,579	2,595	1	13		
Men.....	3,687	1,580	1,434	2,239	1	13		
Women.....	501	386	145	356				

1 Data for 1947-48 are for veterans enrolled at the third week of the fall term only; the 1945-46 data are for the total enrollment of veterans during the entire year.  
 2 Estimated.

Table 3.—Income, expenditures, and property, institutions of higher education, 1947-48 and 1945-46  
 Financial Data in Thousands of Dollars (000 Omitted)

Item	Gross total, <sup>1</sup> 1947-48	Gross total, 1945-46	Analysis of total for 1947-48					
			Universities, colleges, and professional schools		Teachers colleges and normal schools		Junior colleges	
			Publicly controlled	Privately controlled	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled
1	2	3	4	5	6	7	8	9
TOTAL NUMBER OF INSTITUTIONS.....	1,788	1,768	159	897	229	31	242	230
CURRENT INCOME.....	\$2,027,051	\$1,169,394	\$ 862,666	\$ 922,654	\$ 114,509	\$ 5,638	\$ 74,191	\$ 47,394
Educational and general income, by source.....	1,538,076	924,958	660,776	694,317	85,851	4,070	64,290	28,772
Student fees.....	304,601	214,344	64,932	200,833	12,602	2,027	6,984	17,223
Federal government: For veterans' education.....	364,727	61,174	127,970	197,822	15,835	746	17,277	5,077
For other purposes.....	161,748	136,076	92,567	68,790	118	---	238	36
State governments.....	352,280	225,161	263,739	20,092	51,510	---	16,847	92
Local governments.....	47,521	31,005	23,372	23,225	3,108	---	20,760	56
Endowment earnings.....	86,679	89,763	7,578	77,692	3,175	178	166	801
Private benefactions.....	91,487	77,572	14,488	71,606	49	1,042	39	4,264
Sales and services.....	92,725	67,084	51,563	38,901	1,090	8	629	534
Miscellaneous sources.....	36,326	22,779	14,587	18,356	1,364	68	1,350	599
Auxiliary enterprises.....	465,154	244,436	192,615	215,743	27,232	1,543	9,672	18,350
Other noneducational income.....	23,821	( <sup>2</sup> )	9,275	12,594	1,426	25	229	272
RECEIPTS FOR PLANT EXPANSION (ALL PURPOSES).....	364,902	121,837	188,667	108,640	40,904	388	18,432	7,870
PRIVATE GIFTS AND GRANTS FOR NONEXPENDABLE FUNDS.....	75,881	( <sup>3</sup> )	10,158	64,040	385	86	44	1,156
Endowment funds.....	62,140	( <sup>4</sup> )	9,292	51,454	375	52	42	925
Funds temporarily functioning as endowment.....	9,743	( <sup>4</sup> )	289	9,276	33	33	---	145
Annuity funds.....	2,729	( <sup>4</sup> )	39	2,628	3	---	---	61
Student loan funds.....	1,269	( <sup>4</sup> )	538	682	17	1	2	25

CURRENT EXPENDITURES.....	1,883,271	1,088,422	789,611	875,444	104,056	5,316	58,126	50,716
Total educational and general.....	1,391,595	820,326	587,468	640,624	76,271	3,883	49,249	34,099
Educational and general, except organized research and extension.....	1,161,324	678,041	443,628	555,737	75,070	3,812	49,024	34,053
Administration and general expense.....	171,828	104,808	51,527	97,650	10,408	779	4,180	7,285
Resident instruction.....	637,946	375,122	261,044	300,004	44,903	2,152	34,080	15,672
Libraries.....	44,207	26,560	16,551	22,481	3,050	185	1,021	920
Plant operation and maintenance.....	201,906	110,947	70,520	97,414	15,206	692	8,953	9,211
Organized activities related to instructional departments.....	85,346	60,604	43,986	38,098	1,503	4	740	965
Organized research.....	159,090	86,812	82,950	73,997	81	31	10	21
Extension.....	71,181	53,573	60,890	8,890	1,120	40	215	25
Auxiliary enterprises.....	438,988	242,028	187,210	200,462	26,106	1,371	8,319	15,400
Other noneducational expenditures.....	52,687	26,068	14,933	34,358	1,619	62	558	1,157
EXPENDITURES FOR PLANT EXPANSION.....	306,369	71,403	148,211	113,008	25,162	341	9,823	9,826
PROPERTY, TOTAL PLANT AND FUND VALUES.....	6,493,727	( <sup>2</sup> )	2,019,253	3,782,403	344,664	18,358	124,589	204,455
Physical plant and plant funds.....	3,996,000	( <sup>2</sup> )	1,675,546	1,750,888	341,492	11,315	118,136	98,623
Book value of physical plant.....	3,691,275	( <sup>2</sup> )	1,511,384	1,657,441	310,919	10,959	107,702	93,320
Unexpended plant funds.....	304,726	( <sup>2</sup> )	164,162	93,447	30,573	356	10,434	5,303
Endowment and other nonexpendable funds.....	2,497,726	( <sup>2</sup> )	343,712	2,031,515	3,172	7,043	6,453	105,832
Endowment funds.....	2,252,813	( <sup>2</sup> )	303,908	1,833,348	2,031	5,606	5,056	102,774
Funds temporarily functioning as endowment.....	131,674	( <sup>2</sup> )	12,126	115,566	47	1,231	1,250	1,454
Annuity funds.....	69,050	( <sup>2</sup> )	15,826	52,152	26	76	4	966
Student loan funds.....	44,190	( <sup>2</sup> )	11,762	30,449	1,068	130	143	638

<sup>1</sup> Gross totals for 1947-48 are rounded to the nearest thousand without being adjusted to group totals or other entries, which are independently rounded.

<sup>2</sup> Data not collected for 1945-46.



Table 4.—Faculty, students, and degrees, institutions of higher education, by State, 1947-48  
A.—ALL INSTITUTIONS

State	RESIDENT COLLEGE ENROLLMENTS						OTHER ENROLLMENTS				DEGREES								
	Faculty (reduced to full-time basis)		Regular session 1947-48		Third week of fall term 1947	First time in college	Veterans of World War II	Summer session 1947		Resident non-collegiate	Non-resident (collegiate and non-collegiate)	Short courses in individual instruction	Bachelor's and first professional		Master's and second professional		Doctor's		
	Men	Women	Men	Women				Men	Women				Men	Women	Men	Women	Men	Women	Men
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
Alabama.....	1,838	1,039	26,139	10,852	32,046	7,787	16,241	13,410	5,998	2,172	12,307	281	649	2,328	1,694	157	87	.....	.....
Arizona.....	461	180	8,700	3,614	10,608	3,631	4,899	2,407	1,585	1,055	2,746	46	46	606	402	99	51	.....	.....
Arkansas.....	1,333	625	14,503	6,558	17,765	6,825	8,415	6,809	5,386	668	11,930	688	240	1,146	793	89	32	.....	.....
California.....	12,234	3,377	146,526	65,446	178,663	47,804	81,368	45,797	23,896	1,610	203,843	16,806	288	11,423	5,642	1,673	496	371	34
Colorado.....	1,547	533	27,111	10,369	32,809	9,234	18,235	12,016	7,473	467	11,163	804	393	2,579	1,215	614	231	47	2
Connecticut.....	2,247	1,070	21,860	6,021	26,723	6,735	14,807	2,373	1,698	246	5,555	357	2,514	2,633	1,076	432	174	137	19
Delaware.....	325	104	2,535	764	3,218	868	1,305	1,001	500	.....	2,008	901	.....	1,183	896	39	18	2	.....
Florida.....	1,861	855	24,789	10,256	31,215	8,336	12,965	11,918	6,428	501	7,863	4,318	162	1,689	1,220	111	56	1	.....
Georgia.....	2,209	1,117	31,380	15,179	39,634	11,575	17,291	11,934	7,972	1,085	13,734	4,317	407	3,362	1,815	364	215	13	2
Idaho.....	563	204	6,564	2,557	8,381	3,080	4,634	1,719	1,100	704	499	22	42	476	196	40	10	.....	.....
Illinois.....	8,768	3,197	124,147	51,939	162,725	36,136	75,364	49,563	20,453	5,940	33,527	12,218	6,447	11,886	5,686	2,571	1,189	511	73
Indiana.....	3,832	1,218	52,680	17,857	62,956	13,615	32,093	18,468	7,873	2,282	24,356	751	2,994	6,421	2,715	908	291	108	4
Iowa.....	3,112	1,267	33,859	14,131	43,757	12,380	21,725	11,473	7,399	2,865	13,480	12,522	655	3,601	1,895	681	218	130	13
Kansas.....	2,184	1,249	28,370	11,808	37,201	11,037	17,627	9,418	5,721	1,048	17,734	336	494	2,777	1,434	261	80	18	1
Kentucky.....	1,542	973	22,347	10,946	31,760	9,561	14,513	8,795	5,207	2,652	8,964	4,951	461	2,192	1,215	274	77	33	1
Louisiana.....	2,140	1,071	29,301	11,947	38,151	7,973	16,507	12,632	5,385	2,337	3,311	2,466	2	2,812	1,394	261	122	21	.....
Maine.....	635	272	6,886	2,779	9,279	2,960	4,768	1,134	2,297	196	1,505	57	433	807	411	58	22	.....	.....
Maryland.....	3,004	831	24,184	9,575	32,061	8,817	14,462	4,501	2,602	389	1,978	2,238	5,389	1,657	1,280	347	71	76	8
Massachusetts.....	7,757	3,236	70,191	28,144	93,087	21,016	46,250	14,365	8,287	2,043	15,151	1,607	1,151	9,517	4,076	2,167	639	443	47
Michigan.....	4,566	1,542	78,880	31,947	99,217	25,054	48,706	25,673	13,103	3,139	26,759	6,317	1,738	6,937	3,747	1,940	788	144	12
Minnesota.....	2,867	1,319	40,451	17,396	52,633	13,073	25,894	16,047	7,670	2,512	20,108	5,446	2,403	4,805	2,631	647	183	97	11
Mississippi.....	1,292	847	14,012	7,170	19,216	6,505	9,308	6,616	4,371	1,002	5,751	357	642	1,366	755	83	20	.....	.....
Missouri.....	3,425	1,617	46,877	20,532	62,274	18,582	26,918	17,934	8,555	2,218	18,068	1,092	1,856	4,603	2,004	586	229	43	8
<b>Continental United States.....</b>	<b>143,243</b>	<b>53,057</b>	<b>1,836,339</b>	<b>779,923</b>	<b>2,339,232</b>	<b>619,232</b>	<b>1,122,738</b>	<b>632,065</b>	<b>323,243</b>	<b>72,689</b>	<b>759,909</b>	<b>130,497</b>	<b>41,383</b>	<b>175,456</b>	<b>95,563</b>	<b>28,899</b>	<b>13,501</b>	<b>3,687</b>	<b>501</b>

# HIGHER EDUCATION

Montana.....	560	212	7,167	2,905	8,900	2,508	4,733	1,520	1,324	461	1,406	125	47	561	263	50	13	-----	
Nebraska.....	1,370	684	17,372	6,867	22,702	7,030	11,130	6,181	4,801	1,258	7,669	502	672	1,853	583	165	89	16	
Nevada.....	153	46	1,404	570	1,964	681	1,008	555	361	-----	157	-----	-----	133	69	8	-----	-----	
New Hampshire.....	734	204	6,832	2,057	7,777	2,334	4,691	1,837	1,025	-----	552	23	-----	1,278	377	37	1	-----	
New Jersey.....	2,950	691	36,453	11,078	44,071	13,133	24,317	11,329	2,881	1,043	16,472	1,095	6	3,285	1,629	517	100	81	
New Mexico.....	615	198	7,902	3,189	8,605	2,998	4,330	2,302	1,342	1,450	1,558	252	-----	545	325	58	33	2	
New York.....	18,354	5,667	227,543	107,966	277,442	61,727	127,814	76,167	33,210	4,734	56,043	8,476	1,677	19,710	11,964	5,766	3,887	528	126
North Carolina.....	2,988	1,875	32,227	15,984	46,112	13,054	20,383	12,963	7,594	1,980	13,752	6,968	599	3,265	2,902	270	134	72	10
North Dakota.....	569	220	7,038	2,745	9,227	3,403	4,303	1,970	860	1,705	2,105	219	500	987	27	17	-----	-----	-----
Ohio.....	7,174	2,504	106,275	44,862	142,279	35,881	69,359	34,783	13,544	827	12,715	5,725	1,203	9,558	5,628	1,130	612	144	17
Oklahoma.....	2,001	913	36,377	13,706	45,175	12,575	23,821	12,945	7,459	2,030	3,325	3,718	826	3,097	387	210	5	-----	-----
Oregon.....	1,448	539	20,046	8,107	25,520	8,678	13,202	4,178	2,650	615	2,402	217	297	1,993	1,015	178	76	19	2
Pennsylvania.....	9,111	2,555	113,315	39,196	142,280	34,143	72,484	37,498	16,209	6,420	44,405	340	1,451	12,167	5,765	1,956	864	103	35
Rhode Island.....	904	278	9,591	3,703	12,397	3,584	6,967	3,87	533	395	5,784	-----	4	953	551	57	39	26	1
South Carolina.....	1,489	717	18,063	9,694	26,119	6,880	10,266	5,065	5,198	1,326	6,274	856	728	1,970	1,379	74	107	4	-----
South Dakota.....	637	283	6,879	2,552	8,678	3,294	4,524	2,623	2,273	478	1,261	189	241	672	361	32	10	-----	-----
Tennessee.....	3,070	1,342	30,678	15,802	37,312	11,799	17,316	11,989	6,854	2,686	9,188	2,844	283	2,519	1,784	374	306	18	3
Texas.....	6,156	2,714	92,549	42,308	122,516	33,824	60,332	43,868	22,343	2,954	27,763	5,076	1,292	8,661	4,491	1,095	613	85	5
Utah.....	956	309	16,509	7,028	20,413	5,899	9,463	4,729	2,428	913	10,177	1,122	-----	1,462	774	177	41	1	-----
Vermont.....	512	201	4,455	2,527	6,869	2,493	2,999	1,465	1,391	-----	469	139	-----	452	492	68	60	-----	-----
Virginia.....	2,452	1,180	25,111	14,895	36,455	12,033	15,392	8,123	5,246	1,574	8,770	608	261	2,830	2,219	197	70	32	2
Washington.....	2,103	953	32,247	13,506	39,214	12,144	20,050	8,494	5,877	397	14,191	1,226	461	2,980	1,651	270	102	29	6
West Virginia.....	1,019	507	16,236	7,645	23,474	6,350	11,288	7,215	5,542	388	6,103	149	47	1,511	1,136	240	109	2	-----
Wisconsin.....	2,735	1,305	35,924	17,539	50,354	13,478	24,544	12,159	10,306	2,079	43,212	12,751	2,497	4,041	2,617	700	331	182	22
Wyoming.....	324	99	3,133	986	3,810	820	1,994	860	546	-----	1,634	172	2	277	125	53	7	1	-----
District of Columbia.....	2,072	607	35,949	14,767	36,346	9,890	18,173	15,255	5,712	146	594	231	-----	2,475	1,067	611	369	74	33
U. S. service academies.....	955	2	6,736	-----	6,653	2,415	403	-----	-----	-----	-----	-----	-----	763	-----	-----	-----	-----	-----
<b>Outlying parts of the United States.</b>	<b>683</b>	<b>261</b>	<b>7,690</b>	<b>5,034</b>	<b>(1)</b>	<b>3,698</b>	<b>(1)</b>	<b>4,180</b>	<b>4,095</b>	<b>321</b>	<b>4,386</b>	<b>4,147</b>	<b>-----</b>	<b>583</b>	<b>635</b>	<b>11</b>	<b>9</b>	<b>-----</b>	<b>-----</b>
Alaska.....	40	21	234	90	(1)	179	(1)	(1)	447	-----	775	79	-----	18	6	3	-----	-----	-----
Canal Zone.....	13	7	477	357	(1)	643	(1)	357	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hawaii.....	342	13	2,470	1,692	(1)	1,281	(1)	1,094	321	530	4,068	-----	-----	145	184	7	5	-----	-----
Puerto Rico.....	288	220	4,499	2,895	(1)	1,595	(1)	2,826	2,674	3,081	-----	-----	-----	425	445	1	4	-----	-----

1 Data not collected.

Table 4.—Faculty, students, and degrees, institutions of higher education, by State, 1947-48—Continued  
B.—PUBLICLY CONTROLLED INSTITUTIONS

State	FACULTY (reduced to full-time basis)				RESIDENT COLLEGE ENROLLMENTS						OTHER ENROLLMENTS				DEGREES				
	Men		Women		Third week of fall term 1947	First time in any college	Veterans of World War II	Summer session 1947		Resident non-college (college)	Non-resident (college and non-college)	Short courses in instruction	Individual instruction	Bachelor's and first professional		Master's and second professional		Doctor's	
	Men	Women	Men	Women				Men	Women					Men	Women	Men	Women	Men	Women
Continental United States.....	71,097	27,966	350,665	395,482	1,153,443	218,069	556,218	234,709	176,633	37,941	555,562	116,703	8,290	86,238	48,757	12,684	4,795	1,435	145
Alabama.....	1,408	713	18,610	7,115	22,257	4,509	11,836	9,626	4,379	1,703	12,029	270	126	1,055	1,261	155	86	.....	.....
Arizona.....	440	173	8,432	3,604	10,361	3,631	4,659	2,407	1,983	1,053	2,746	46	.....	906	402	39	51	1	.....
Arkansas.....	1,063	460	10,919	4,539	13,284	4,304	6,636	5,520	3,319	11,838	636	88	.....	922	588	89	32	.....	.....
California.....	8,589	2,546	101,488	50,065	124,734	36,532	51,367	27,656	14,480	467	182,170	15,933	383	5,075	3,158	640	208	144	15
Colorado.....	1,152	357	15,577	5,953	19,812	5,516	10,557	7,600	5,248	467	9,612	804	.....	1,588	745	417	153	33	2
Connecticut.....	553	322	7,454	2,871	9,599	2,638	5,571	1,524	956	.....	3,290	.....	1,916	501	709	28	18	.....	.....
Delaware.....	307	94	2,381	673	2,484	718	1,238	1,001	500	.....	2,008	601	.....	173	93	37	18	2	.....
Florida.....	1,180	556	11,907	5,047	15,096	3,966	7,396	6,061	4,041	501	6,721	3,944	.....	975	596	93	39	1	.....
Georgia.....	1,525	627	21,832	9,605	25,200	7,242	11,814	8,144	5,568	336	13,474	3,119	.....	2,014	994	170	31	.....	.....
Idaho.....	500	162	5,599	1,878	6,837	2,425	3,538	1,294	836	493	480	22	42	423	151	40	10	.....	.....
Illinois.....	3,077	1,429	41,927	13,922	51,404	13,754	22,831	14,388	5,991	1,602	11,369	7,956	.....	3,928	1,784	890	229	133	16
Indiana.....	2,397	770	20,069	9,391	33,812	7,046	17,312	11,079	3,469	1,195	22,803	691	72	3,637	1,458	727	212	100	4
Iowa.....	2,162	773	19,779	7,473	24,446	6,304	12,990	6,745	3,884	1,856	11,195	12,470	199	2,377	1,089	612	192	130	13
Kansas.....	1,824	917	23,866	8,042	29,532	7,827	15,545	8,366	3,713	982	17,122	2,443	408	2,419	994	255	78	11	1
Kentucky.....	1,135	497	15,645	5,654	20,500	5,303	11,031	6,590	2,662	982	8,610	4,960	279	1,557	737	207	75	8	1
Louisiana.....	1,371	733	17,160	6,586	22,941	4,826	10,178	8,539	3,577	2,337	3,296	2,466	.....	1,708	843	191	42	17	.....
Maine.....	355	147	4,233	1,315	5,073	1,573	3,796	456	1,105	187	1,445	57	.....	1,332	220	55	20	.....	.....
Maryland.....	1,286	389	11,346	4,365	14,043	4,064	5,651	2,728	1,206	349	1,336	2,238	2,310	659	467	126	40	25	.....
Massachusetts.....	711	328	5,683	3,215	8,530	2,397	4,154	1,572	373	728	2,277	316	.....	316	615	92	27	9	1
Michigan.....	3,654	1,118	57,848	24,709	72,255	16,924	35,459	20,325	9,542	1,837	24,969	6,189	.....	5,660	2,879	1,920	762	139	12
Minnesota.....	1,371	796	28,967	10,178	35,133	7,077	19,705	14,124	6,080	952	10,857	5,446	2	3,048	1,935	641	176	96	11
Mississippi.....	1,125	603	11,713	4,937	14,944	3,200	4,973	5,530	3,384	300	4,555	337	434	1,007	473	83	20	.....	.....
Missouri.....	1,336	694	22,258	8,599	27,371	9,166	11,859	8,398	4,809	1,364	10,870	617	190	2,156	958	278	50	27	3

# HIGHER EDUCATION

Montana.....	498	170	6,352	2,536	7,824	2,131	4,273	1,460	1,301	447	1,302	125	17	520	246	50	13
Nebraska.....	975	441	11,967	4,301	15,074	4,271	7,675	3,481	3,481	548	7,542	312	395	1,366	798	159	64
Nevada.....	153	46	1,404	570	1,964	681	1,008	555	361	157	411	23	133	321	60	8	1
New Hampshire.....	301	110	3,221	1,343	4,180	1,163	2,471	1,400	806	678	2,263	670	1,189	432	301	37	9
New Jersey.....	385	205	6,517	3,840	8,864	2,864	3,918	3,169	2,471	1,150	5,558	259	1,113	392	855	34	20
New Mexico.....	606	179	7,858	3,053	8,425	2,974	4,302	2,258	1,113	1,150	5,558	259	1,113	540	285	58	33
New York.....	3,063	1,369	65,888	45,874	57,632	18,658	21,914	19,022	8,577	2,550	5,557	5,735	2,550	4,170	4,400	269	2
North Carolina.....	1,819	1,167	17,797	6,972	24,528	5,718	12,253	8,494	4,985	807	13,200	6,923	39	1,994	1,510	230	46
North Dakota.....	345	209	6,670	2,450	8,223	3,200	4,188	1,806	1,323	850	1,685	3	215	500	263	27	8
Ohio.....	3,887	2,072	60,123	23,269	76,152	19,757	38,562	21,061	6,888	589	4,480	4,485	1	5,497	2,832	798	291
Oklahoma.....	1,792	772	27,372	9,798	34,990	9,258	19,083	10,290	4,809	1,988	7,761	3,500	1	2,556	1,361	319	182
Oregon.....	1,010	341	13,755	5,651	17,287	6,239	8,789	2,909	2,045	190	1,988	188	188	1,473	743	169	71
Pennsylvania.....	516	356	7,498	5,390	25,235	4,556	10,022	4,772	3,440	1,749	1,268	221	83	2,280	1,427	253	69
Rhode Island.....	211	115	2,037	994	2,933	876	1,223	560	524	565	2,734	229	223	223	229	8	7
South Carolina.....	1,073	325	11,779	3,073	13,823	3,244	6,688	2,939	2,011	521	5,075	856	231	1,370	620	60	87
South Dakota.....	492	174	5,068	1,565	6,133	2,225	3,449	2,205	1,843	115	1,060	128	128	536	220	32	10
Tennessee.....	1,860	659	15,599	6,916	15,992	5,522	8,559	6,008	3,269	1,837	8,371	2,739	---	998	631	108	60
Texas.....	4,203	1,730	62,924	26,504	83,129	21,693	42,753	30,065	14,803	1,331	17,558	5,076	692	5,807	2,727	906	457
Utah.....	748	209	13,012	4,669	15,486	4,109	7,666	3,848	1,818	366	8,870	1,122	---	1,093	523	141	41
Vermont.....	244	107	1,971	1,063	3,120	905	1,523	748	628	908	7,106	139	---	166	240	29	9
Virginia.....	1,701	594	15,910	8,199	19,645	6,835	9,219	5,006	3,669	908	7,106	396	9	1,961	1,452	171	42
Washington.....	1,658	788	23,703	9,492	28,427	8,483	15,275	6,381	4,600	2	13,918	1,236	10	2,443	1,245	241	82
West Virginia.....	812	364	12,159	5,190	17,262	4,534	8,756	5,719	4,369	348	5,897	149	---	1,141	797	240	109
Wisconsin.....	2,013	925	25,698	10,461	33,757	8,738	16,874	9,816	6,646	1,192	42,143	12,608	---	2,950	1,699	626	268
Wyoming.....	324	99	3,133	986	3,819	820	1,994	860	546	---	1,634	172	2	277	125	53	7
District of Columbia.....	41	79	412	987	1,193	395	105	106	318	---	277	---	---	32	55	4	5
U. S. service academies.....	955	2	6,736	---	6,653	2,415	---	403	---	---	---	---	---	763	---	---	---
<b>Outlying parts of the United States.....</b>	<b>662</b>	<b>252</b>	<b>7,518</b>	<b>4,837</b>	<b>(1)</b>	<b>3,483</b>	<b>(1)</b>	<b>4,014</b>	<b>3,947</b>	<b>321</b>	<b>4,931</b>	<b>4,147</b>	<b>---</b>	<b>549</b>	<b>600</b>	<b>11</b>	<b>9</b>
Alaska.....	40	21	244	90	(1)	179	(1)	---	---	---	775	79	---	18	6	3	---
Canal Zone.....	13	7	477	357	(1)	643	(1)	447	357	---	---	---	---	---	---	---	---
Hawaii.....	342	13	2,470	1,692	(1)	1,281	(1)	907	1,064	321	530	4,068	---	145	184	7	5
Puerto Rico.....	267	211	4,327	2,698	(1)	1,385	(1)	2,660	2,526	---	3,626	---	---	386	410	4	4

1 Data not collected.



Table 4.—Faculty, students, and degrees, institutions of higher education, by State, 1947-48—Continued  
C.—PRIVATELY CONTROLLED INSTITUTIONS

State	Faculty (reduced to full-time basis)		RESIDENT COLLEGE ENROLLMENTS						OTHER ENROLLMENTS					DEGREES													
	Men	Women	Regular session 1947-48	Third week of fall term 1947	First time in any college	Veterans of World War II	Summer session 1947		Resident non-collegiate	Non-resident (collegiate and non-collegiate)	Short courses	Individual instruction	Bachelor's and first professional		Master's and second professional		Doctor's										
							Men	Women					Men	Women	Men	Women	Men	Women	Men	Women							
<b>Continental United States.....</b>	<b>72,236</b>	<b>25,091</b>	<b>905,674</b>	<b>384,441</b>	<b>1,185,849</b>	<b>301,163</b>	<b>566,520</b>	<b>297,377</b>	<b>146,710</b>	<b>34,748</b>	<b>203,407</b>	<b>13,794</b>	<b>12</b>	<b>11</b>	<b>469</b>	<b>278</b>	<b>11</b>	<b>523</b>	<b>33,093</b>	<b>89,158</b>	<b>46,806</b>	<b>16,015</b>	<b>8,706</b>	<b>2,252</b>	<b>356</b>		
Alabama.....	430	326	7,520	3,737	9,789	3,278	4,305	3,784	1,619	469	278	11	12	11	469	278	11	523	33,093	89,158	46,806	16,015	8,706	2,252	356		
Arizona.....	21	7	268	10	247		240																				
Arkansas.....	240	165	3,584	2,019	4,531	1,921	1,779	1,289	1,061	287	92	62	152	92	287	92	62	152	205	221	205	221	205	221	205	221	
California.....	3,045	831	45,038	15,381	53,869	11,272	30,001	18,141	9,116	1,610	11,673	963	11,673	963	1,610	11,673	963	288	5,748	2,484	1,024	288	227	19			
Colorado.....	395	176	11,534	4,436	12,997	3,718	7,678	4,416	2,225										1,581	991	470	197	78	14			
Connecticut.....	1,694	518	14,406	3,150	17,124	4,097	9,236	849	652	246	2,265	357	2,265	357	246	2,265	357	598	2,152	367	404	156	137	19			
Delaware.....	18	10	154	91	244		67																				
Florida.....	681	299	12,882	5,209	16,119	4,370	8,569	5,857	2,387										1,444	374	162	174	624	18	17		
Georgia.....	684	400	9,548	5,574	14,434	4,323	5,477	3,790	2,404	749	1,444	240	198	467	749	1,444	240	467	1,348	821	194	184	13	2			
Idaho.....	63	42	965	679	1,484	683	496	423	260	211	19	19	19	19	211	19	19	53	53	45	45	45	45	45	45		
Illinois.....	5,711	1,768	82,290	38,017	112,321	22,382	52,533	35,175	14,462	4,338	22,158	4,262	4,338	22,158	4,338	22,158	4,262	6,447	7,958	3,902	1,681	960	378	57			
Indiana.....	1,455	508	23,611	8,466	28,374	7,069	14,751	7,389	4,404	1,087	1,463	60	1,087	1,463	1,087	1,463	60	2,892	2,784	1,257	181	79	8				
Iowa.....	1,650	484	14,120	6,068	19,311	6,676	8,735	4,728	3,515	1,009	2,285	52	1,009	2,285	1,009	2,285	52	456	1,253	806	69	26	2	7			
Kansas.....	360	322	4,530	3,836	7,069	3,210	2,082	1,052	2,008	615	612	93	612	93	615	612	93	86	358	440	6	2	7				
Kentucky.....	407	476	6,702	5,292	10,260	4,258	3,482	2,205	2,545										1,670	354	51	182	67	2	25		
Louisiana.....	823	337	12,141	5,361	15,810	3,147	6,329	4,093	1,808										15	15	15	70	80	4			
Maine.....	280	125	2,653	1,386	3,812	1,387	972	678	192	49	60	60	60	60	49	60	60	433	475	191	3	2	2				
Maryland.....	1,718	462	12,808	5,210	18,018	3,853	8,511	1,773	1,396										642	3,070	998	813	221	31	51	8	
Massachusetts.....	7,046	1,498	64,508	24,929	84,537	18,619	42,096	12,993	5,477	1,317	6,010	1,039	6,010	1,039	1,317	6,010	1,039	151	9,201	3,461	2,075	612	434	46			
Michigan.....	912	424	21,032	7,238	26,962	8,130	13,247	5,348	3,561	1,302	1,790	128	1,790	128	1,302	1,790	128	1,738	1,277	868	20	26	5				
Minnesota.....	871	523	11,484	7,218	17,500	5,996	6,189	1,023	1,590	1,560	251	1,560	251	1,560	1,560	251	2,491	857	996	6	7	1					
Mississippi.....	167	244	2,299	2,213	4,272		1,335	1,086	987	612	1,596								208	269	282	308	173	10			
Missouri.....	2,089	923	24,619	11,933	34,703	9,416	15,079	9,336	3,746	854	7,198	475	7,198	475	854	7,198	475	1,666	2,447	1,051	308	173	10				



# HIGHER EDUCATION

Montana.....	62	815	389	1,076	377	490	51	23	14	604	30	41	17	---	---
Nebraska.....	395	5,405	2,566	7,628	2,305	3,455	1,618	1,320	710	157	190	487	287	6	25
New Hampshire.....	423	3,611	714	4,297	1,171	2,220	437	484	---	141	---	856	76	---	---
New Jersey.....	2,565	29,936	7,238	34,886	10,269	20,399	9,900	1,775	1,265	14,209	6	2,893	774	483	81
New Mexico.....	9	44	136	180	24	28	44	229	---	---	---	5	40	---	---
New York.....	15,291	161,555	62,092	219,750	43,069	106,300	57,141	24,633	2,184	50,486	1,077	15,540	7,504	5,497	3,731
North Carolina.....	1,169	14,430	9,012	21,584	8,236	8,130	3,769	2,609	1,083	402	560	1,271	1,392	40	15
North Dakota.....	24	368	295	704	203	205	84	47	10	20	4	30	24	---	---
Ohio.....	3,287	46,152	21,593	66,127	16,124	30,997	13,722	6,656	38	7,845	1,240	1,293	4,061	2,796	332
Oklahoma.....	269	9,005	3,908	10,18	3,17	4,738	2,655	940	42	1,764	128	825	541	424	68
Oregon.....	438	6,291	2,456	8,233	2,439	4,413	1,269	605	425	2,402	29	297	520	272	9
Pennsylvania.....	8,595	105,817	33,806	117,045	29,587	61,882	32,726	12,769	4,671	43,137	119	1,368	9,887	4,338	1,703
Rhode Island.....	693	7,554	2,709	9,464	2,708	5,744	27	9	---	3,050	4	730	322	49	32
South Carolina.....	416	392	6,284	12,296	3,636	3,578	2,126	3,187	805	1,199	497	600	959	14	20
South Dakota.....	145	109	1,811	2,545	1,069	1,075	418	430	363	201	61	113	136	141	3
Tennessee.....	1,210	15,070	8,886	21,320	6,277	8,757	5,381	3,585	849	817	105	1,521	1,153	266	246
Texas.....	1,953	29,625	13,804	39,387	12,131	17,579	13,803	7,540	1,623	10,205	600	2,854	1,764	189	158
Utah.....	208	3,497	2,359	4,927	1,700	1,797	881	610	547	1,307	---	369	251	36	---
Vermont.....	268	2,484	1,404	3,749	1,588	1,476	717	763	---	36	---	286	252	39	51
Virginia.....	751	586	9,201	16,810	5,198	6,173	3,117	1,577	666	1,664	212	252	869	767	26
Washington.....	445	165	8,544	10,787	3,661	5,675	2,113	1,277	395	273	451	537	406	29	20
West Virginia.....	207	143	4,077	6,212	1,816	2,532	1,496	1,173	40	296	47	370	339	---	---
Wisconsin.....	722	380	9,926	16,597	4,740	7,670	2,343	3,660	887	1,069	143	2,497	1,082	918	74
District of Columbia.....	2,031	528	35,537	35,153	9,495	18,068	15,149	5,394	146	317	231	2,443	1,042	607	364
Outlying part of the United States	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Puerto Rico.....	21	172	197	(1)	210	(1)	166	148	---	55	---	40	35	---	---

1 Data not collected.

Table 5.—Staff, institutions of higher education, by type of work, and by State, 1947-48  
A.—ALL INSTITUTIONS

State	REGULAR SESSION										SUMMER SESSION, 1947	
	Total (excluding those employed in summer school only)		Administrative		Collegiate instructional, including critic teachers		Noncollegiate instructional		Other faculty (research, extension, etc.)		total teaching staff	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States.....	164,616	59,044	13,061	6,493	130,698	43,506	2,618	2,493	30,505	10,415	45,100	17,014
Alabama.....	1,882	1,077	186	89	1,365	812	25	41	366	165	809	536
Arizona.....	486	188	55	1	398	167	7	1	149	33	198	84
Arkansas.....	1,358	640	155	69	949	382	45	40	412	206	488	248
California.....	13,401	3,680	744	331	10,033	2,662	215	130	3,079	828	3,025	901
Colorado.....	1,593	562	102	42	1,348	456	8	16	414	98	1,090	328
Connecticut.....	2,531	931	195	135	1,658	590	51	38	845	243	249	120
Delaware.....	3,348	108	29	9	224	80	4	4	175	25	67	12
Florida.....	1,920	875	168	52	1,346	571	10	49	523	263	637	320
Georgia.....	2,695	1,175	263	131	2,090	826	33	48	518	258	807	263
I Idaho.....	591	214	77	31	414	164	22	8	113	24	152	74
Illinois.....	10,424	3,616	875	470	8,772	2,700	325	230	1,227	367	2,740	980
Indiana.....	4,750	1,456	445	200	3,284	1,005	82	91	1,382	263	1,619	437
Iowa.....	3,501	1,387	352	154	2,986	1,085	20	87	794	215	1,050	462
Kansas.....	2,787	1,439	212	94	2,203	1,062	28	51	493	146	1,046	523
Kentucky.....	1,707	1,045	159	114	1,155	683	71	80	516	246	724	444
Louisiana.....	2,629	1,208	215	141	2,157	883	3	23	462	230	789	348
Maine.....	670	289	71	42	524	211	13	13	182	45	135	41
Maryland.....	3,321	1,007	163	110	2,894	1,078	22	65	304	76	276	128
Massachusetts.....	8,413	2,073	496	347	7,316	1,540	70	347	723	178	1,017	275
Michigan.....	5,023	1,689	355	173	4,176	1,345	98	112	747	175	2,193	660
Minnesota.....	3,850	1,761	273	181	2,656	1,222	207	110	1,144	402	1,266	526
Mississippi.....	1,367	883	218	122	904	551	26	69	327	246	521	247
Missouri.....	4,665	1,849	369	132	3,837	1,413	81	47	762	353	1,464	486
Montana.....	624	232	61	34	494	165	4	2	111	63	123	77
Nebraska.....	1,627	767	162	92	1,006	464	163	60	388	186	465	241

# HIGHER EDUCATION

Nevada.....	175	51	18	7	117	30	10	25	101	36	10
New Hampshire.....	729	221	92	2	612	158	49	152	104	152	81
New Jersey.....	3,487	768	299	130	2,640	569	54	142	954	501	294
New Mexico.....	649	207	72	28	461	140	42	37	155	208	85
New York.....	21,224	6,376	1,402	800	18,354	4,968	146	148	2,528	861	1,344
North Carolina.....	3,137	1,900	334	167	2,393	1,057	33	86	573	685	413
North Dakota.....	557	249	75	35	428	186	36	14	142	32	82
Ohio.....	7,807	2,633	573	297	6,753	2,308	60	70	742	323	382
Oklahoma.....	2,243	999	196	68	1,822	788	17	9	383	162	1,099
Oregon.....	1,679	633	121	61	1,361	502	9	9	265	79	403
Pennsylvania.....	11,693	3,127	866	333	9,727	2,522	110	75	1,957	432	2,613
Rhode Island.....	919	280	96	37	772	176	2	30	138	39	84
South Carolina.....	1,552	737	197	78	1,184	497	19	40	300	182	492
South Dakota.....	669	308	86	46	492	235	13	13	145	36	134
Tennessee.....	3,301	1,400	277	196	2,478	986	54	96	656	216	1,048
Texas.....	7,255	2,976	601	250	4,880	2,195	117	88	2,116	626	1,200
Utah.....	1,051	338	153	46	1,047	288	9	23	289	58	384
Vermont.....	589	257	77	53	488	181	1	1	114	43	157
Virginia.....	2,609	1,246	237	129	1,774	897	83	72	646	220	686
Washington.....	2,202	1,028	175	59	1,934	918	18	6	443	92	848
West Virginia.....	1,051	522	137	69	819	378	8	31	295	94	273
Wisconsin.....	3,823	1,672	282	128	2,769	1,201	127	101	1,337	395	1,697
Wyoming.....	334	108	27	13	274	66	4	---	87	36	37
District of Columbia.....	2,633	655	135	100	2,541	572	7	36	9	14	531
U. S. service academies.....	955	2	142	2	807	---	---	---	16	---	70
<b>U. S. service academies.....</b>	<b>800</b>	<b>435</b>	<b>82</b>	<b>14</b>	<b>580</b>	<b>327</b>	<b>3</b>	<b>28</b>	<b>225</b>	<b>87</b>	<b>271</b>
<b>Outlying parts of the United States .....</b>	<b>800</b>	<b>435</b>	<b>82</b>	<b>14</b>	<b>580</b>	<b>327</b>	<b>3</b>	<b>28</b>	<b>225</b>	<b>87</b>	<b>168</b>
Alaska.....	43	22	6	5	33	11	---	---	12	6	---
Canal Zone.....	24	15	21	15	15	2	---	---	2	---	---
Hawaii.....	384	160	17	3	187	98	---	---	170	59	32
Puerto Rico.....	349	238	57	6	329	203	3	28	41	22	239

Table 5.—Staff, institutions of higher education, by type of work, and by State, 1947-48—Continued  
 B.—PUBLICLY CONTROLLED INSTITUTIONS

State	REGULAR SESSION										SUMMER SESSION, 1947	
	Total (excluding those employed in summer school only)		Administrative		Collegiate instructional, including critic teachers		Noncollegiate instructional		Other faculty (research, extension, etc.)		total teaching staff	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
<b>Continental United States.....</b>	<b>79,522</b>	<b>30,653</b>	<b>5,233</b>	<b>2,196</b>	<b>56,198</b>	<b>20,864</b>	<b>1,109</b>	<b>1,311</b>	<b>21,118</b>	<b>7,916</b>	<b>25,187</b>	<b>8,949</b>
Alabama.....	1,422	729	94	31	969	506	8	31	361	163	587	365
Arizona.....	465	181	51	162	382	162	6	6	149	33	198	84
Arkansas.....	1,108	468	84	35	728	247	42	27	409	206	367	175
California.....	8,987	2,727	400	165	6,154	1,867	150	113	2,763	790	1,817	494
Colorado.....	1,171	370	65	19	973	314	8	12	358	68	1,760	241
Connecticut.....	620	368	61	27	471	292	4	2	149	67	125	68
Delaware.....	327	98	24	5	205	71	4	4	173	25	67	12
Florida.....	1,189	558	71	9	712	298	4	28	506	950	526	212
Georgia.....	1,682	651	110	43	1,147	300	15	13	518	258	575	170
Idaho.....	527	171	65	24	354	128	22	3	113	24	136	49
Illinois.....	4,170	1,593	272	197	3,396	1,045	51	105	855	266	1,087	318
Indiana.....	2,066	821	234	126	1,699	463	30	50	1,259	220	882	187
Iowa.....	2,388	840	180	76	1,722	530	25	67	698	175	647	197
Kansas.....	2,387	1,079	112	22	1,863	748	16	27	486	339	797	312
Kentucky.....	1,278	536	60	27	813	291	13	34	508	211	555	170
Louisiana.....	1,440	755	116	70	1,025	484	3	21	458	229	531	227
Maine.....	232	160	27	10	281	116	4	4	139	42	54	27
Maryland.....	1,574	500	48	37	1,348	397	2	15	189	62	162	58
Massachusetts.....	737	329	67	37	517	207	8	2	113	54	145	14
Michigan.....	3,850	1,227	216	87	3,093	961	25	71	741	158	1,721	448
Minnesota.....	2,824	1,159	107	53	1,784	716	126	86	1,138	377	1,050	352
Mississippi.....	1,183	625	163	72	762	344	17	329	225	225	428	170
Missouri.....	1,434	735	111	35	965	531	20	27	385	179	638	288
Montana.....	553	190	43	28	442	134	44	27	98	54	109	46
Nebraska.....	1,061	502	81	39	484	246	145	44	374	174	314	169

Nevada.....	175	51	18	7	117	30	10	101	25	36	10
New Hampshire.....	306	113	29	26	230	32	15	104	25	45	26
New Jersey.....	426	208	57	28	393	170	23	200	19	127	61
New Mexico.....	640	188	71	25	453	124	42	135	37	197	68
New York.....	3,500	1,585	205	138	3,300	1,251	5	354	200	1,162	327
North Carolina.....	1,902	1,169	122	37	1,249	427	29	566	682	670	221
North Dakota.....	568	926	67	33	401	163	36	142	142	194	82
Ohio.....	4,102	1,325	108	57	3,784	1,169	8	222	128	763	219
Oklahoma.....	1,800	822	144	54	1,437	623	15	383	162	890	343
Oregon.....	1,180	391	53	26	1,925	292	1	265	63	247	76
Pennsylvania.....	570	382	64	43	491	338	18	37	21	291	148
Rhode Island.....	222	117	22	7	189	54	2	30	4	65	15
South Carolina.....	1,122	337	90	15	810	172	6	285	147	360	118
South Dakota.....	517	183	52	15	362	132	2	3	36	187	91
Tennessee.....	1,868	666	76	62	1,223	413	19	23	197	569	291
Texas.....	4,772	1,879	345	114	3,198	1,287	82	1,342	529	1,906	790
Utah.....	842	238	139	28	865	214	4	37	52	297	63
Vermont.....	317	160	28	20	250	109	1	109	42	51	23
Virginia.....	1,775	636	109	46	1,064	366	19	637	216	439	196
Washington.....	1,727	832	101	27	1,491	758	28	430	84	677	369
West Virginia.....	828	373	89	41	620	254	7	295	90	397	182
Wisconsin.....	2,848	1,204	127	63	1,879	803	78	1,332	368	1,005	391
Wyoming.....	334	108	27	13	274	66	4	37	36	126	37
District of Columbia.....	41	86	6	4	37	79	---	1	6	6	9
U. S. service academies.....	955	2	142	2	807	---	---	16	---	70	---
<b>Outlying parts of the United States .....</b>	<b>779</b>	<b>426</b>	<b>78</b>	<b>13</b>	<b>565</b>	<b>319</b>	<b>3</b>	<b>223</b>	<b>87</b>	<b>260</b>	<b>160</b>
Alaska.....	43	22	6	5	33	11	---	12	6	---	---
Canal Zone.....	24	15	2	---	21	15	2	---	---	---	---
Hawaii.....	384	160	17	3	197	98	---	179	59	32	11
Puerto Rico.....	328	229	53	5	314	195	3	39	22	228	149



Table 5.—Staff, institutions of higher education, by type of work, and by State, 1947-48—Continued  
C.—PRIVATELY CONTROLLED INSTITUTIONS

State	REGULAR SESSION										SUMMER SESSION, 1947	
	Total (excluding those employed in summer school only)		Administrative		Collegiate instructional, including critic teachers		Noncollegiate instructional		Other faculty (research, extension, etc.)		total teaching staff	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States.....	85,094	28,391	7,928	4,297	72,500	22,642	1,509	1,182	9,387	2,499	19,913	8,065
Alabama.....	460	348	92	58	396	306	17	10	5	2	222	171
Arizona.....	21	7	4	1	16	5	1	1	1	1	121	73
Arkansas.....	250	172	71	34	221	135	3	13	3	38	1,208	407
California.....	4,414	953	344	166	3,879	795	65	17	316	56	3,330	87
Colorado.....	422	192	37	23	375	142	---	4	56	33	---	---
Connecticut.....	1,911	563	134	108	1,187	288	51	36	696	176	123	52
Delaware.....	21	10	5	4	19	9	---	---	2	---	---	---
Florida.....	731	317	97	43	634	273	6	21	21	4	111	108
Georgia.....	1,013	524	153	108	943	436	18	35	---	---	232	93
Idaho.....	64	43	12	7	60	36	---	5	---	---	16	25
Illinois.....	6,254	2,023	603	273	5,376	1,655	274	125	372	101	1,683	662
Indiana.....	1,714	635	191	83	1,585	542	52	41	87	3	727	280
Iowa.....	1,003	547	173	78	864	455	4	20	56	40	403	265
Kansas.....	390	360	100	72	340	314	22	24	7	10	149	211
Kentucky.....	429	509	99	87	342	392	58	46	8	35	169	274
Louisiana.....	1,189	453	99	71	1,192	399	---	2	4	1	258	121
Maine.....	32	288	44	32	243	95	13	9	3	3	81	14
Maryland.....	1,747	507	115	73	1,546	381	60	50	115	14	114	70
Massachusetts.....	7,676	1,744	429	310	6,799	1,333	62	32	610	124	872	261
Michigan.....	1,173	462	139	86	1,083	384	73	41	6	17	472	212
Minnesota.....	1,026	602	166	128	872	506	81	30	6	25	216	174
Mississippi.....	184	258	55	50	142	187	9	24	11	21	93	77
Missouri.....	3,231	1,114	258	97	2,872	882	61	20	377	174	826	198
Montana.....	71	114	18	6	52	31	4	2	13	9	14	31
Nebraska.....	566	265	81	53	522	218	18	16	14	12	151	72

New Hampshire.....	423	108	63	17	392	76	49	2	24	57	55
New Jersey.....	3,061	560	242	104	2,247	390	123	4	934	464	143
New Mexico.....	9	19	1	3	8	16	11	1	601	3,501	17
New York.....	17,694	4,791	1,107	662	15,054	3,717	141	60	2,104	3,501	1,017
North Carolina.....	1,235	731	1,202	130	1,144	630	26	57	7	384	192
North Dakota.....	29	23	8	2	27	23				8	
Ohio.....	3,705	1,508	405	240	2,941	1,139	42	50	520	909	363
Oklahoma.....	353	177	52	14	325	165	2	1		209	108
Oregon.....	499	242	68	35	436	210	9	8	16	136	100
Pennsylvania.....	11,123	2,745	802	290	9,236	2,184	92	44	1,920	2,322	596
Rhode Island.....	697	163	74	30	583	122			111	35	19
South Carolina.....	430	400	107	63	374	325	13	37	15	32	72
South Dakota.....	152	125	34	31	130	103	9	10		35	43
Tennessee.....	1,433	734	201	134	1,255	573	35	73	76	479	218
Texas.....	2,483	1,097	256	136	1,682	908	35	58	774	669	440
Utah.....	209	100	14	18	182	74	5	6	8	87	27
Vermont.....	272	97	40	33	238	72			5	106	27
Virginia.....	834	610	148	83	710	531	64	44	9	257	82
Washington.....	475	196	74	32	443	160	18	6	13	171	80
West Virginia.....	223	149	48	28	199	124	1	7		127	91
Wisconsin.....	975	468	135	65	890	398	49	55	5	601	326
District of Columbia.....	2,592	569	129	96	2,504	493	7	36	8	525	125
<b>Outlying part of the United States</b>											
Puerto Rico.....	21	9	4	1	15	8			2	11	8

Table 6.—Students, by classification and sex, institutions of higher education, by State, 1947-48  
A.—ALL INSTITUTIONS

State	RESIDENT COLLEGIATE STUDENTS IN REGULAR SESSION										OTHER ENROLLMENTS									
	Undergraduate		Graduate		Special and unclassified		Third week of fall term 1947		First time in any college		Veterans of World War II		Noncollegiate		Nonresident (collegiate and non-collegiate)		Short courses		Individual instruction	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
<b>Continental United States</b>	<b>1,607,603</b>	<b>652,900</b>	<b>120,177</b>	<b>54,255</b>	<b>108,559</b>	<b>72,768</b>	<b>1,659,416</b>	<b>679,876</b>	<b>417,118</b>	<b>202,114</b>	<b>1,088,647</b>	<b>24,091</b>	<b>42,039</b>	<b>30,650</b>	<b>442,330</b>	<b>317,579</b>	<b>77,426</b>	<b>53,071</b>	<b>15,944</b>	<b>25,439</b>
Alabama.....	24,770	10,275	507	325	862	252	22,764	9,282	5,042	2,745	16,004	237	976	1,196	5,332	7,975	58	223	237	412
Arizona.....	7,914	3,128	292	275	494	211	7,551	3,057	2,529	1,102	4,781	118	518	518	1,767	1,767	38	8	8	8
Arkansas.....	13,913	5,814	269	119	321	625	12,375	5,390	4,731	2,094	8,302	113	336	270	3,971	7,959	246	442	87	153
California.....	129,764	58,806	10,349	3,708	6,413	2,842	125,910	52,753	31,846	15,958	79,365	2,003	1,286	324	198,227	65,616	4,131	12,765	91	197
Colorado.....	24,421	9,074	2,257	726	433	569	23,963	8,846	6,276	2,958	17,471	764	209	258	6,464	4,729	426	378	155	238
Connecticut.....	19,909	5,519	1,430	313	521	189	21,061	5,662	5,004	1,731	14,577	230	238	8	2,517	3,038	167	190	1,313	1,201
Delaware.....	2,227	713	279	33	29	18	2,067	661	638	230	1,300	570	231	260	5,416	592	191	410	25	137
Florida.....	23,793	9,564	830	451	166	241	22,215	9,000	5,382	2,954	15,965	211	676	409	8,047	5,687	3,168	149	105	362
Georgia.....	30,362	14,344	815	510	203	325	25,990	13,644	7,313	4,262	17,080	211	676	409	8,047	5,687	3,168	149	105	362
Idaho.....	6,328	2,297	127	47	109	213	6,138	2,243	2,108	972	3,989	45	494	210	119	380	9	13	20	22
Illinois.....	85,809	39,173	8,298	3,576	20,040	9,190	114,571	49,154	24,315	11,821	73,415	1,949	4,118	1,822	18,583	14,944	7,503	4,715	1,928	4,519
Indiana.....	49,060	15,726	2,802	998	818	1,133	47,431	15,255	10,780	4,835	31,605	458	1,298	984	14,590	9,766	484	267	1,989	870
Iowa.....	30,963	12,943	2,297	640	639	548	30,881	12,876	8,435	4,545	21,309	416	1,232	1,573	6,345	9,408	3,114	245	410	415
Kansas.....	26,914	10,563	1,079	533	403	722	26,534	10,667	7,279	3,758	14,305	279	380	665	5,537	9,577	135	201	171	323
Kentucky.....	21,292	10,342	898	157	265	157	21,573	10,187	5,905	3,956	17,343	208	1,118	1,534	4,537	4,427	2,588	2,363	188	343
Louisiana.....	25,462	10,598	1,338	365	2,501	984	26,371	11,780	5,287	2,686	16,188	319	1,172	1,165	2,123	1,188	1,033	1,433	175	258
Maine.....	6,655	2,637	106	25	125	39	6,617	2,662	2,019	941	4,705	63	106	91	271	234	57	175	258	175
Maryland.....	19,500	7,468	2,056	605	2,598	1,502	22,979	9,082	6,202	2,615	14,256	206	157	232	2,920	774	677	1,561	2,437	852
Massachusetts.....	59,044	22,751	6,194	2,214	4,953	3,179	65,019	27,468	14,182	6,834	44,921	1,329	1,398	645	3,789	4,498	1,269	338	58	93
Michigan.....	67,498	24,092	7,113	4,224	4,269	3,631	71,664	27,553	17,173	7,881	47,797	1,909	2,036	1,103	10,580	16,251	4,656	1,661	580	1,597
Minnesota.....	37,212	16,292	2,983	725	256	379	36,478	16,155	8,477	4,596	24,804	1,000	1,594	918	11,249	8,859	3,711	1,735	896	1,508
Mississippi.....	13,687	6,864	237	147	88	159	12,729	6,487	3,981	6,224	9,224	84	369	633	1,137	4,614	215	142	432	210
Missouri.....	43,119	18,377	2,237	955	1,521	1,200	44,279	17,995	11,725	7,407	26,502	416	1,431	687	7,425	10,643	747	345	618	1,238
Montana.....	6,773	2,739	231	76	163	90	6,533	2,367	1,725	783	4,585	148	251	210	912	994	53	72	14	33
Nebraska.....	15,797	6,164	726	316	849	387	14,595	8,107	4,381	2,649	10,915	215	901	357	3,006	4,603	260	242	198	474

Nevada.....	1,358	531	20	14	26	25	1,369	595	486	195	978	30	---	---	60	107	---	---	---	5	---	
New Hampshire.....	6,607	95	37	130	95	62	6,823	1,954	699	4,592	4,592	99	118	434	18	434	18	434	18	434	3	---
New Jersey.....	32,449	9,678	2,707	1,297	952	35,175	8,896	10,057	3,076	24,106	24,106	211	1,511	432	3,714	901	144	194	3	---	---	---
New Mexico.....	7,249	2,623	441	293	212	6,418	2,100	898	4,209	12,571	12,571	121	744	415	413	1,145	104	148	---	---	---	---
New York.....	165,708	68,762	28,336	33,499	22,970	193,295	84,147	43,651	18,076	124,571	124,571	3,243	2,078	2,656	33,184	22,859	4,300	4,176	---	---	---	---
North Carolina.....	30,549	14,773	1,103	349	575	362	30,496	15,616	8,424	5,530	20,099	284	951	1,029	5,328	8,424	4,635	2,333	---	---	---	---
North Dakota.....	6,771	2,379	159	51	108	135	6,565	2,642	4,239	974	46	46	496	311	8,352	4,363	3,690	2,026	420	873	---	---
Ohio.....	97,921	39,641	4,308	1,969	4,046	3,252	102,422	39,857	25,211	10,670	68,392	1,117	316	311	8,352	4,363	3,690	2,026	420	873	---	---
Oklahoma.....	34,637	12,335	1,242	734	498	637	33,194	11,981	8,920	3,655	23,496	325	1,046	984	4,589	4,936	1,575	2,143	345	481	---	---
Oregon.....	19,146	7,396	723	218	177	493	18,369	7,131	6,096	2,582	12,914	288	210	405	1,674	728	179	38	---	---	---	---
Pennsylvania.....	97,781	29,872	8,377	2,952	7,157	6,372	104,712	37,568	25,573	8,570	70,054	2,420	4,935	1,485	36,502	7,098	78	262	764	687	---	---
Rhode Island.....	9,076	3,504	418	141	97	58	9,383	3,014	2,697	8,7	6,899	68	295	300	3,657	2,127	---	---	---	---	---	---
South Carolina.....	17,299	9,196	346	351	478	207	16,678	9,441	4,063	2,817	10,142	124	612	714	986	5,258	198	358	184	544	---	---
South Dakota.....	6,743	2,433	95	36	41	83	6,408	2,270	2,371	923	4,453	71	164	314	514	747	144	45	78	163	---	---
Tennessee.....	28,118	13,408	1,473	875	1,087	1,519	23,128	12,194	7,736	4,063	16,996	350	1,462	1,224	4,480	4,708	2,042	802	63	218	---	---
Texas.....	87,395	38,940	3,786	2,454	1,368	914	87,532	34,984	21,146	12,678	59,535	797	1,520	1,434	12,198	15,565	4,659	417	625	667	---	---
Utah.....	15,433	6,443	880	277	196	308	14,235	6,178	3,822	2,077	9,269	194	485	428	5,638	4,539	872	250	---	---	---	---
Vermont.....	4,317	2,468	60	28	78	31	4,247	2,622	1,531	962	2,915	84	182	113	356	68	71	---	---	---	---	---
Virginia.....	23,992	14,177	654	232	465	486	23,384	13,071	6,640	5,383	15,261	131	743	831	3,747	5,023	462	146	49	212	---	---
Washington.....	29,924	12,275	1,933	793	390	438	27,930	11,284	8,242	3,902	20,540	410	325	72	6,975	7,216	835	391	119	342	---	---
West Virginia.....	15,649	7,122	459	314	128	209	16,231	7,243	4,102	2,248	11,092	196	120	268	4,675	1,518	90	59	2	45	---	---
Wisconsin.....	30,968	15,551	3,233	1,101	1,723	887	34,771	15,583	8,699	4,779	23,966	578	1,431	648	30,439	12,773	8,954	3,797	616	1,881	---	---
Wyoming.....	2,955	922	154	45	24	19	2,872	947	616	204	1,972	22	---	---	365	1,269	48	124	---	---	---	---
District of Columbia.....	26,698	10,220	3,425	2,044	5,826	2,503	26,218	10,128	6,571	3,319	17,336	837	---	---	146	155	439	48	183	---	---	---
U. S. service academies.....	6,734	---	---	2	---	---	6,653	---	2,415	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>Outlying parts of the United States.</b>	<b>7,001</b>	<b>4,249</b>	<b>118</b>	<b>218</b>	<b>571</b>	<b>567</b>	<b>(1)</b>	<b>(1)</b>	<b>2,353</b>	<b>1,345</b>	<b>(1)</b>	<b>189</b>	<b>132</b>	<b>2,022</b>	<b>2,964</b>	<b>2,155</b>	<b>1,992</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
Alaska.....	226	74	---	18	16	16	(1)	(1)	151	28	(1)	(1)	(1)	565	210	74	5	---	---	---	---	---
Canal Zone.....	145	64	---	332	293	293	(1)	(1)	362	281	(1)	(1)	(1)	---	---	---	---	---	---	---	---	---
Hawaii.....	2,170	1,265	110	197	190	230	(1)	(1)	838	423	(1)	(1)	189	132	339	101	2,081	1,987	---	---	---	---
Puerto Rico.....	4,460	2,846	8	21	31	28	(1)	(1)	982	613	(1)	(1)	(1)	1,118	2,563	---	---	---	---	---	---	---

1 Data not collected.



Table 6.—Students, by classification and sex, institutions of higher education, by State, 1947-48—Continued  
 B.—PUBLICLY CONTROLLED INSTITUTIONS

State	RESIDENT COLLEGIATE STUDENTS IN REGULAR SESSION										OTHER ENROLLMENTS									
	Undergraduate		Graduate		Special and unclassified		Third week of fall term 1947		First time in any college		Veterans of World War II		Resident noncollegiate		Nonresident (collegiate and noncollegiate)		Short courses		Individual instruction	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
<b>Continental United States.....</b>	<b>834,396</b>	<b>339,374</b>	<b>51,004</b>	<b>22,591</b>	<b>45,265</b>	<b>33,517</b>	<b>824,117</b>	<b>329,326</b>	<b>214,601</b>	<b>103,468</b>	<b>546,481</b>	<b>9,737</b>	<b>18,732</b>	<b>19,209</b>	<b>307,394</b>	<b>249,108</b>	<b>68,484</b>	<b>48,219</b>	<b>4,622</b>	<b>3,668</b>
Alabama.....	17,806	6,674	467	301	346	140	16,232	6,025	2,880	1,629	11,744	192	700	1,003	5,305	6,724	50	220	82	44
Arizona.....	7,914	3,128	292	275	226	201	7,317	3,044	2,520	1,102	4,553	106	518	537	979	1,767	38	8	—	—
Arkansas.....	10,555	4,078	199	71	165	390	9,445	3,789	3,549	1,355	6,553	83	193	126	3,948	7,890	185	441	28	60
California.....	90,844	45,800	5,078	2,033	5,566	2,232	84,965	39,829	24,284	12,248	50,053	1,314	—	—	129,761	62,400	3,351	12,582	—	—
Colorado.....	14,053	5,487	1,286	238	167	238	14,714	5,098	3,865	1,651	10,387	170	209	258	5,558	4,054	426	378	155	238
Connecticut.....	7,305	2,731	87	99	62	41	6,982	2,617	1,844	704	5,501	70	—	—	687	2,603	—	—	1,138	778
Delaware.....	2,081	622	275	33	25	18	1,915	569	560	158	1,235	30	241	260	1,416	502	191	410	—	—
Florida.....	11,237	4,596	630	305	40	146	10,685	4,410	4,218	1,548	7,346	50	—	—	1,688	5,033	1,838	2,106	—	—
Georgia.....	21,274	9,234	412	111	146	260	17,224	7,976	4,817	2,425	11,678	136	170	166	7,894	5,600	2,980	1,339	—	—
Idaho.....	5,414	1,768	119	43	66	67	5,281	1,616	1,717	708	3,499	39	387	108	110	370	9	13	20	22
Illinois.....	38,920	12,884	2,541	778	466	260	35,788	15,616	9,485	4,269	22,212	619	807	795	5,089	6,300	4,612	3,344	—	—
Indiana.....	26,769	8,312	2,140	761	180	100	25,616	8,196	5,544	1,788	17,004	308	592	693	13,754	9,139	4,669	3,231	32	40
Iowa.....	17,085	6,628	2,217	608	477	318	17,608	6,838	4,123	2,170	12,754	236	906	860	6,319	4,876	9,387	3,053	96	100
Kansas.....	22,844	7,128	1,030	545	292	269	22,654	7,773	5,483	2,344	15,300	245	222	208	7,823	9,294	3,871	136	147	261
Kentucky.....	14,854	5,163	711	339	100	150	13,645	5,855	3,491	1,812	10,864	167	430	432	4,442	4,108	2,580	2,320	84	195
Louisiana.....	16,446	6,294	635	230	79	62	16,071	6,270	3,346	1,480	9,971	207	1,172	1,165	2,123	1,173	1,033	1,433	—	—
Maine.....	4,076	1,272	86	25	61	18	4,211	1,256	1,178	395	3,738	57	57	287	1,178	1,178	57	—	—	—
Maryland.....	3,785	1,180	433	230	220	145	10,198	3,845	3,367	1,397	5,857	94	137	232	1,336	—	—	—	—	—
Massachusetts.....	5,377	3,043	274	103	32	69	5,301	3,029	1,362	1,035	4,117	37	330	376	1,111	715	557	11	—	—
Michigan.....	47,019	17,334	6,981	4,135	3,848	3,250	51,589	20,666	11,491	5,433	34,695	764	914	923	9,797	15,172	4,653	1,536	—	—
Minnesota.....	25,961	9,354	2,923	688	83	136	25,881	9,252	4,973	2,104	18,841	864	488	464	11,233	8,624	3,711	1,735	—	—
Mississippi.....	11,412	4,742	237	147	64	68	10,681	4,263	3,418	1,791	7,906	67	188	202	818	3,237	2,115	142	390	44
Missouri.....	21,244	8,202	796	241	218	156	20,651	6,920	6,105	3,061	11,656	183	666	698	2,537	8,333	4,177	200	63	127
Montana.....	6,062	2,397	231	76	59	63	5,743	2,081	1,470	661	4,166	104	240	207	620	682	53	3	14	14
Nebraska.....	10,973	3,814	694	275	300	212	9,445	5,629	2,942	1,783	7,530	145	296	252	3,068	4,474	133	179	152	243



Nevada.....	1,358	531	20	14	26	25	1,359	595	486	195	978	30	50	107	50	18	5
New Hampshire.....	3,027	1,251	95	37	99	75	3,245	1,255	779	384	2,376	99	118	283	18	5	5
New Jersey.....	5,881	3,499	530	266	106	75	6,027	3,198	1,928	936	3,881	37	1,374	889	534	136	136
New Mexico.....	2,487	441	283	212	273	273	6,374	2,051	2,085	889	4,181	121	744	1,145	104	148	148
New York.....	38,155	25,389	2,764	2,078	25,069	18,407	35,612	22,080	11,569	7,089	21,320	194	474	3,881	1,721	4,014	4,014
North Carolina.....	16,509	6,316	882	291	326	365	17,288	7,240	3,918	1,800	12,067	186	448	8,103	4,614	2,309	16
North Dakota.....	6,453	2,033	159	51	106	306	6,179	2,344	876	444	495	355	752	4,933	3,550	5	67
Ohio.....	55,388	20,708	2,805	999	1,930	1,562	56,694	19,438	14,093	6,664	38,063	499	299	2,478	3,550	935	935
Oklahoma.....	26,035	8,895	1,024	648	313	255	26,046	8,944	6,587	2,671	18,837	246	1,028	4,423	1,469	2,121	1
Oregon.....	12,982	5,076	651	197	122	378	12,504	4,783	4,480	1,759	8,585	204	99	179	179	9	9
Pennsylvania.....	7,490	5,373	3	3	5	14	17,631	7,604	2,730	1,826	10,490	132	870	1,019	47	174	18
Rhode Island.....	1,972	963	41	15	24	16	1,940	993	619	257	1,208	15	295	1,997	737	---	---
South Carolina.....	11,126	3,288	273	284	380	421	10,447	3,376	2,286	958	6,636	52	248	273	909	458	358
South Dakota.....	4,958	1,512	95	36	15	17	4,749	1,384	1,659	566	3,396	53	61	54	412	648	128
Tennessee.....	14,131	5,532	912	458	556	926	11,561	4,431	3,802	1,720	8,468	91	1,012	825	4,164	4,207	2,023
Texas.....	59,180	24,396	3,080	1,930	664	178	61,421	21,708	13,922	7,771	42,292	461	804	527	6,981	10,577	4,659
Utah.....	12,208	4,374	772	249	32	46	11,321	4,165	2,767	1,342	7,532	134	191	175	4,767	4,100	872
Vermont.....	1,869	1,018	48	21	54	24	1,983	1,157	561	344	1,449	74	113	300	300	68	71
Virginia.....	14,948	7,677	564	444	398	378	13,458	6,187	3,888	2,947	9,132	87	558	350	2,422	4,684	373
Washington.....	21,657	8,502	1,776	722	270	208	20,310	8,111	5,762	2,721	15,058	217	---	2	6,809	7,109	833
West Virginia.....	11,576	4,683	459	313	124	194	12,323	4,939	3,022	1,512	8,629	127	120	228	4,571	1,326	90
Wisconsin.....	23,016	9,600	1,920	536	1,062	305	24,000	9,757	5,722	3,016	16,525	349	982	610	30,201	11,942	8,954
Wyoming.....	2,955	922	154	45	24	19	2,872	947	616	204	1,972	22	365	1,269	48	124	2
District of Columbia.....	400	847	5	7	135	381	812	138	257	98	7	15	262	---	---	---	---
U. S. service academies.....	6,734	---	---	---	2	---	6,653	---	2,415	---	---	---	---	---	---	---	---
<b>Outlying parts of the United States.</b>	<b>6,838</b>	<b>4,072</b>	<b>118</b>	<b>218</b>	<b>562</b>	<b>547</b>	(1)	(1)	<b>2,203</b>	<b>1,285</b>	(1)	<b>189</b>	<b>132</b>	<b>2,008</b>	<b>2,923</b>	<b>2,155</b>	<b>1,992</b>
Alaska.....	226	74	---	---	18	16	(1)	(1)	151	28	(1)	(1)	(1)	565	210	74	5
Canal Zone.....	145	64	---	---	332	293	(1)	(1)	362	281	(1)	(1)	(1)	---	---	---	---
Hawaii.....	2,170	1,265	110	197	190	280	(1)	(1)	858	423	(1)	(1)	189	339	191	2,081	1,987
Puerto Rico.....	4,297	2,680	8	21	22	8	(1)	(1)	832	552	(1)	(1)	---	1,104	2,522	---	---

1 Data not collected.

Table 6.—Students, by classification and sex, institutions of higher education, by State, 1947-48—Continued  
C.—PRIVATELY CONTROLLED INSTITUTIONS

State	RESIDENT COLLEGIATE STUDENTS IN REGULAR SESSION										OTHER ENROLLMENTS									
	Undergraduate		Graduate		Special and unclassified		Third week of fall term 1947		First time in any college		Veterans of World War II		Resident noncollegiate		Nonresident (collegiate and noncollegiate)		Short courses		Individual instruction	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	773,207	313,526	69,173	31,664	63,294	39,251	835,299	350,550	202,517	98,646	552,166	14,354	23,307	11,441	134,336	68,471	8,942	4,852	11,322	21,771
Alabama.....	6,964	3,601	40	24	516	112	6,532	3,257	2,162	1,116	4,260	45	276	193	27	251	8	3	155	368
Arizona.....	3,358	1,736	70	48	156	235	2,930	1,601	1,182	739	1,749	30	143	144	23	69	61	1	59	93
Arkansas.....	38,920	13,065	5,271	1,675	847	610	40,945	12,924	7,562	3,710	29,312	689	1,286	8,466	3,207	780	183	91	197	197
California.....	10,368	3,587	971	447	195	402	9,249	3,748	2,411	1,307	7,084	594	1,286	8,466	3,207	780	183	91	197	197
Connecticut.....	12,604	2,788	1,343	214	459	148	14,079	3,045	3,160	937	9,076	160	238	8	1,830	435	167	190	175	423
Delaware.....	146	91	4	4	4	4	152	92	78	72	65	65	2	2	2	2	2	2	2	2
Florida.....	12,556	4,968	200	146	126	95	11,529	4,590	2,964	1,406	8,249	220	506	243	646	498	145	235	25	137
Georgia.....	9,088	5,110	403	309	57	65	8,766	5,688	2,496	1,837	5,402	75	506	243	153	87	188	10	105	362
Idaho.....	914	529	8	4	43	146	857	627	391	264	490	6	107	104	9	10	10	10	10	10
Illinois.....	56,889	26,289	5,757	2,798	19,574	8,930	78,783	33,538	14,830	7,552	51,203	1,330	3,311	1,027	13,514	8,644	2,891	1,371	1,928	4,519
Indiana.....	22,291	7,414	662	257	668	815	21,815	7,039	3,236	2,433	14,601	150	708	381	836	627	24	36	1,957	935
Iowa.....	13,578	6,319	80	52	102	311	13,273	6,038	4,310	2,366	8,558	180	296	713	816	1,469	31	31	146	310
Kansas.....	4,370	3,465	49	8	111	353	4,180	3,498	1,796	1,414	2,048	34	158	457	329	283	48	45	24	62
Kentucky.....	6,458	5,177	187	115	57	115	5,928	4,332	2,114	1,144	3,441	41	628	1,042	95	259	8	43	34	148
Louisiana.....	9,016	4,304	708	135	2,422	922	10,300	5,510	1,941	1,206	6,217	112	1,061	15	15	15	15	15	15	2
Maine.....	2,579	1,365	108	70	64	21	2,406	1,406	841	546	966	6	49	4	56	56	56	56	56	258
Maryland.....	9,354	3,683	170	876	1,357	12,781	5,237	2,635	1,218	8,399	112	8,399	112	398	244	244	244	244	244	2,211
Massachusetts.....	53,667	19,708	5,920	2,111	4,921	3,110	60,118	24,439	12,820	5,799	40,804	1,292	1,048	269	2,277	3,783	712	327	58	93
Michigan.....	20,479	6,768	132	89	421	381	20,075	6,887	5,082	2,448	13,102	145	1,222	180	711	1,079	3	125	580	1,158
Minnesota.....	11,251	6,938	60	37	173	243	10,597	6,903	3,504	2,492	6,053	136	1,106	454	16	233	---	---	896	1,595
Mississippi.....	2,275	1,222	---	---	24	91	2,224	1,048	563	833	1,318	17	181	431	319	1,277	---	---	42	166
Missouri.....	21,875	10,175	1,441	714	1,303	1,044	23,628	11,075	5,070	4,346	14,846	233	765	89	4,888	2,310	330	145	555	1,111
Montana.....	711	342	---	---	104	27	790	286	255	122	416	44	11	3	292	312	---	---	11	19
Nebraska.....	4,824	2,350	32	41	549	175	5,150	2,478	1,439	866	3,385	70	605	105	28	129	127	63	46	231

New Hampshire.....	3,580	707	31	7	3,578	719	856	315	2,216	4	1,160	105	11,384	141	58	3
New Jersey.....	26,968	6,129	1,191	877	29,148	5,738	8,129	2,140	20,225	174	1,160	105	11,384	2,825	367	3
New Mexico.....	44	136	44		62,067	32,082	10,987	10,987	103,251	3,049	1,604	580	31,508	18,978	162	1,100
New York.....	127,553	43,373	25,572	14,156	157,683	62,067	32,082	10,987	103,251	3,049	1,604	580	31,508	18,978	162	1,100
North Carolina.....	13,960	8,437	221	58	13,208	8,376	4,506	3,730	8,032	98	503	580	141	321	21	24
North Dakota.....	366	286			406	298	105	98	203	2	1	9	16	4		478
Ohio.....	42,533	18,933	1,503	970	45,728	20,339	11,118	5,006	30,329	668	17	21	5,960	1,885	149	1
Oklahoma.....	8,602	3,440	218	86	7,148	3,037	2,333	984	4,659	79	18	24	1,251	513	106	3
Oregon.....	6,164	2,320	2	21	5,865	2,368	1,616	823	4,329	84	111	314	1,674	728	29	36
Pennsylvania.....	90,291	24,499	8,374	2,949	87,081	29,964	22,843	6,744	59,574	2,288	4,065	606	36,253	6,884	31	88
Rhode Island.....	7,104	2,541	377	126	7,443	2,021	2,078	630	5,691	53			1,660	1,390		3
South Carolina.....	6,113	5,838	73	67	6,231	6,065	1,777	1,859	3,506	72	364	441	77	1,122		1
South Dakota.....	1,785	921		26	1,659	886	712	357	1,057	18	103	260	102	99	16	45
Tennessee.....	13,987	7,876	561	417	13,567	7,753	3,634	2,343	8,498	239	450	399	316	501	19	86
Texas.....	28,215	14,544	706	524	26,111	13,276	7,224	4,907	17,243	336	716	907	5,217	4,988		215
Utah.....	3,225	2,069	108	28	2,914	2,013	1,055	735	1,737	60	294	253	871	436		3
Vermont.....	2,438	1,450	12	7	2,284	1,465	970	618	6,129	10			56			
Virginia.....	9,044	6,500	90	88	9,626	6,884	2,752	2,446	6,129	44	185	431	1,325	339	89	123
Washington.....	8,267	3,773	157	71	7,614	3,173	2,480	1,181	5,482	193	325	70	106	107		115
West Virginia.....	4,073	2,439		1	3,908	2,304	1,080	736	2,463	69		40	104	192		2
Wisconsin.....	7,952	5,951	1,313	545	10,771	5,826	2,977	1,763	7,441	229	849	38	238	831		143
District of Columbia.....	26,298	9,373	3,420	2,039	25,837	9,316	6,433	3,062	17,238	830		146	140	177	48	183
Outlying part of the United States																
Puerto Rico.....	163	177	9	20	(1)	(1)	150	60	(1)	(1)			14	41		

1 Data not collected.

Table 7.—Students in arts and sciences and in professional schools, by level of training, by sex, and by State, 1947-48<sup>1</sup>

State	SCHOOLS OF ARTS AND SCIENCES						PROFESSIONAL SCHOOLS OF—																				
	Undergraduate		Graduate		Agriculture		Architecture		Dentistry		Engineering		Home economics														
	Men	Women	Men	Women	Undergraduate	Graduate	Undergraduate	Graduate	Undergraduate	Graduate	Undergraduate	Graduate	Undergraduate	Graduate													
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women													
Continental United States.....	903,600	456,468	65,704	40,128	51,740	892	3,956	150	8,845	798	233	40	8,816	262	355	8,235	179	1,191	13,497	142	591	24,138	879				
Alabama.....	13,940	6,332	257	135	1,690	21	134	9	534	73	2	1	---	---	---	4,054	40	31	---	---	---	---	7	1,037	---	47	
Arizona.....	2,343	1,220	45	33	376	19	23	5	---	---	---	---	---	---	---	809	2	---	---	---	---	---	2	155	---	3	
Arkansas.....	7,991	3,622	194	76	1,018	1	2	---	---	---	---	---	---	---	---	1,215	6	---	---	---	---	---	6	318	---	1	
California.....	100,797	54,285	6,811	12,066	3,353	376	1,370	721	49	16	3	728	83	1	---	8,161	46	938	1	---	---	---	433	433	59	59	
Colorado.....	11,089	7,144	1,291	648	1,074	12	30	---	---	---	---	---	---	---	---	5,727	51	188	4	---	---	---	---	205	---	4	
Connecticut.....	12,601	3,215	1,102	208	439	24	---	---	---	---	---	---	---	---	---	1,492	1	113	---	---	---	---	---	208	---	---	---
Delaware.....	1,002	447	148	3	135	7	---	---	---	---	---	---	---	---	---	713	3	46	---	---	---	---	---	95	---	---	---
Florida.....	18,735	7,120	362	284	450	3	77	2	196	2	6	1	---	---	---	1,113	3	46	---	---	---	---	4	505	---	---	---
Georgia.....	15,588	9,374	315	166	1,137	3	37	1	459	3	---	---	---	---	---	4,448	---	175	---	---	---	---	---	2,048	---	11	---
Idaho.....	2,802	1,387	32	20	405	2	11	---	---	---	---	---	---	---	---	746	---	19	---	---	---	---	---	166	---	---	---
Illinois.....	44,568	25,004	5,489	2,730	1,237	28	187	1	897	32	44	3	857	56	58	11,923	44	936	3	---	---	---	---	473	---	52	---
Indiana.....	26,087	11,451	1,855	751	1,362	35	203	---	---	---	---	---	---	---	---	13,048	67	519	18	---	---	---	---	1,001	---	44	---
Iowa.....	20,532	10,439	1,537	491	2,329	16	309	4	252	3	4	---	---	---	---	4,222	6	279	---	---	---	---	---	4,222	---	115	---
Kansas.....	14,983	7,514	1,602	284	1,360	14	70	---	---	---	---	---	---	---	---	4,823	35	102	3	---	---	---	---	4	708	---	---
Kentucky.....	12,541	8,769	397	208	726	10	52	4	---	---	---	---	---	---	---	2,046	12	47	---	---	---	---	---	212	---	14	---
Louisiana.....	12,686	6,526	493	200	1,562	37	100	2	116	6	---	---	---	---	---	3,940	11	120	---	---	---	---	---	1	542	---	9
Maine.....	3,984	1,866	27	16	393	8	18	1	---	---	---	---	---	---	---	1,582	12	24	---	---	---	---	---	253	---	---	---
Maryland.....	7,455	4,810	984	201	739	20	101	6	---	---	---	---	---	---	---	2,772	4	585	---	---	---	---	---	18	382	---	27
Massachusetts.....	25,907	15,532	1,525	1,334	433	24	47	---	---	---	---	---	---	---	---	10,269	49	1,038	4	---	---	---	---	501	---	8	---
Michigan.....	32,866	15,414	2,829	1,669	1,043	42	160	---	---	---	---	---	---	---	---	596	175	2	3	415	9	169	4	1,066	---	36	---
Minnesota.....	23,100	11,197	768	411	1,621	56	326	28	---	---	---	---	---	---	---	14,766	83	925	5	---	---	---	---	14	688	---	---
Mississippi.....	7,298	5,674	162	112	1,013	1	---	---	---	---	---	---	---	---	---	1,556	6	473	26	---	---	---	---	620	---	17	---
Missouri.....	20,138	13,471	1,465	823	1,888	163	4	181	38	4	---	---	---	---	---	6,417	23	287	3	---	---	---	---	100	---	4	---
Montana.....	2,868	1,524	50	48	501	13	18	4	171	3	---	---	---	---	---	1,521	37	1	---	---	---	---	---	292	---	10	---
Nebraska.....	7,322	3,365	509	278	882	68	---	---	---	---	---	---	---	---	---	1,776	8	30	---	---	---	---	---	330	---	7	---

Nevada.....	617	467	20	14	74	8	8	7	704	74	25	3	843	30	58	1	452	961	12	15	34
New Hampshire.....	4,920	1,597	72	37	298	8	8	7									5,379	16	1,123	6	
New Jersey.....	19,067	5,826	890	150	596	4	92										1,694	13	29		
New Mexico.....	2,645	1,146	256	120	537	4	4										5,307	164	3,390	77	
New York.....	84,766	41,807	11,309	5,186	1,436	183	183		704	74	25	3	843	30	58	1	5,307	164	3,390	77	
North Carolina.....	19,928	10,624	846	292	1,363	9	115	12	329	1	1						2,971	9	82		
North Dakota.....	3,596	1,337	125	47	599	1	16	1	70								1,091	1	288		
Ohio.....	60,757	28,688	3,542	1,611	2,124	49	93	5	204								12,410	74	485		
Oklahoma.....	15,187	7,858	1,144	707	2,045	18	158	7	1								8,123	60	76		
Oregon.....	10,194	4,296	329	104	1,049	33	98	3	496	223	26	15	270	1			1,081	6	64		
Pennsylvania.....	63,455	19,037	6,899	2,767	1,050	84	84		469	55	10	4	847	8	1		12,702	32	199		
Rhode Island.....	4,998	1,282	418	118	174	3	3		29	1							1,351	8			
South Carolina.....	9,013	7,684	154	122	847	4	4										2,634	5	2		
South Dakota.....	3,914	1,759	57	33	589	2	33										1,140	4	5		
Tennessee.....	13,029	7,792	516	300	1,491	2	87										3,336	9	188		
Texas.....	45,937	29,930	2,358	1,503	3,370	15	212		682	10	16	2	391	9	2		14,590	139	208		
Utah.....	10,357	5,383	606	197	766	4	56		414	16							1,979	4	37		
Vermont.....	2,818	1,998	39	24	165	10	7										760	3	4		
Virginia.....	14,204	9,562	396	91	2,821	12	47	7	96	3	3	1	162				4,250	13	102		
Washington.....	21,725	9,455	1,272	601	485	15	105	6	426	18	5		76	19			3,432	16	200		
West Virginia.....	11,821	5,391	248	248	372		78										1,251		28		
Wisconsin.....	14,761	8,516	2,363	939	1,392	46	457	38					275	10			4,972	12	158		
Wyoming.....	1,386	693	95	37	329	3	15		61	2	3						720	5	19		
District of Columbia.....	16,003	7,628	2,482	1,636					170	3			388	9			3,138	18	30		
U. S. service academies.....																	3,420				
<b>Outlying parts of the United States.</b>	<b>4,811</b>	<b>2,219</b>	<b>74</b>	<b>77</b>	<b>381</b>	<b>3</b>	<b>6</b>	<b>1</b>									<b>978</b>	<b>2</b>		<b>338</b>	
Alaska.....	170	74															56				
Canal Zone.....	1,645	64															299		1	115	
Hawaii.....	1,694	730	66	56	91		6	1									623		1	223	
Puerto Rico.....	2,802	1,351	8	21	290	3															

<sup>1</sup> Special students not included; see table XIV in text.



Table 7.—Students in arts and sciences and in professional schools, by level of training, by sex, and by State, 1947-48—Continued

State	PROFESSIONAL SCHOOLS OF—																				
	Law		Medicine		Nursing		Pharmacy		Other professional schools												
	Under-graduate		Under-graduate		Under-graduate		Under-graduate		Under-graduate		Graduate										
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women									
1	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
Continental United States.....	60,391	2,486	1,301	66	24,138	2,510	3,675	216	176	18,155	243	17,788	2,290	244	48,314,290	146,919	29,194	21,335			
Alabama.....	3,645	26	.....	.....	120	15	.....	.....	.....	63	.....	.....	44	.....	.....	.....	3,936	2,624	83	132	
Arizona.....	166	5	.....	.....	477	40	.....	.....	.....	80	.....	.....	7	.....	.....	.....	4,138	1,720	224	214	
Arkansas.....	212	4	.....	.....	268	12	.....	.....	.....	230	.....	.....	5	.....	.....	.....	3,187	1,846	113	42	
California.....	3,350	153	.....	.....	1,083	131	549	.....	.....	638	92	.....	.....	.....	.....	.....	10,554	3,042	1,460	462	
Colorado.....	631	24	.....	.....	220	26	.....	.....	.....	275	53	.....	.....	.....	.....	.....	5,405	1,006	390	74	
Connecticut.....	722	39	6	.....	233	44	1	.....	.....	281	.....	.....	.....	.....	.....	.....	4,131	1,649	206	104	
Delaware.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida.....	1,374	30	51	.....	480	32	.....	.....	.....	70	.....	.....	.....	.....	.....	.....	1,794	1,807	284	163	
Georgia.....	1,253	112	44	12	480	32	.....	.....	.....	343	41	.....	.....	.....	.....	.....	6,255	3,23	241	320	
Idaho.....	81	1	.....	.....	55	3	.....	.....	.....	37	.....	.....	.....	.....	.....	.....	1,845	664	65	26	
Illinois.....	3,242	163	8	.....	2,161	206	191	19	1	1,088	.....	.....	.....	.....	.....	.....	30,491	12,073	1,357	781	
Indiana.....	843	23	.....	.....	477	40	.....	.....	.....	336	.....	.....	.....	.....	.....	.....	6,426	2,664	184	182	
Iowa.....	709	16	.....	.....	280	27	20	.....	.....	268	.....	.....	.....	.....	.....	.....	2,160	506	73	29	
Kansas.....	442	12	.....	.....	375	96	14	1	8	155	.....	.....	.....	.....	.....	.....	5,410	2,183	291	205	
Kentucky.....	713	24	.....	.....	310	17	3	.....	.....	197	.....	.....	.....	.....	.....	.....	4,519	1,237	399	113	
Louisiana.....	828	33	1	.....	710	74	355	8	2	290	.....	.....	.....	.....	.....	.....	5,043	3,015	269	146	
Maine.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland.....	381	18	.....	.....	579	70	8	.....	.....	187	.....	.....	.....	.....	.....	.....	7,032	1,953	359	365	
Massachusetts.....	4,672	332	140	3	1,184	66	.....	.....	.....	434	.....	.....	.....	.....	.....	.....	15,253	5,969	1,528	863	
Michigan.....	6,150	77	.....	.....	634	71	721	48	.....	1,057	29	.....	.....	.....	.....	.....	13,791	6,342	2,284	2,426	
Minnesota.....	1,188	30	42	.....	512	62	981	47	.....	637	.....	.....	.....	.....	.....	.....	6,296	4,113	555	243	
Mississippi.....	244	3	.....	.....	89	6	.....	.....	.....	281	.....	.....	.....	.....	.....	.....	3,506	1,051	75	35	
Missouri.....	1,399	44	.....	.....	1,814	42	7	.....	.....	865	.....	.....	.....	.....	.....	.....	11,013	4,186	385	131	
Montana.....	163	9	60	.....	.....	.....	.....	.....	.....	338	.....	.....	.....	.....	.....	.....	1,418	577	43	11	
Nebraska.....	436	8	.....	.....	511	36	17	1	5	480	.....	.....	.....	.....	.....	.....	4,307	1,800	163	30	

Nevada.....														215	30		
New Hampshire.....														400	341		
New Jersey.....	900	48					28							6,195	3,345	596	285
New Mexico.....	48	307								15	410			2,196	1,445	156	173
New York.....	6,228	462	16	2,624	507	262	68			17	3,357		10	41,479	20,676	12,933	10,922
North Carolina.....											102			4,559	3,480	57	31
North Dakota.....	725	17								3				1,008	729	16	
Ohio.....	142	2									1,154			17,825	8,399	254	259
Oklahoma.....	2,828	97		1,874	77	19					92			7,320	3,156	15	18
Oregon.....	3,943	43		258	25						318			4,560	1,829	206	73
Oregon.....	490	21		258	30						178						
Pennsylvania.....	1,363	44	3	2,065	315	306	8			1	1,068			14,387	7,989	949	117
Rhode Island.....														2,382	1,639		23
South Carolina.....	330	5								73	161			3,913	1,143	186	229
South Dakota.....	157	3									27			744	423		
Tennessee.....	931	35	1								381			7,982	4,185	568	450
Texas.....	2,382	72	1							2	303		4	18,364	7,654	897	928
Utah.....	767	201	95											2,825	489	66	62
Vermont.....											56			414	282	8	3
Virginia.....	1,063	14	8							1	340			2,821	3,625	55	108
Washington.....	486	7	196							18	848		38	2,803	1,262	109	42
West Virginia.....	287	7												1,762	1,429	105	65
Wisconsin.....	1,081	50									733			7,377	5,087	255	91
Wyoming.....	64	1	16											346	110	6	2
District of Columbia.....	3,321	256	160							3	699		50	2,029	1,493	753	349
U. S. service academies.....														2,876			
<b>Outlying parts of the United States</b> .....	<b>93</b>	<b>13</b>									<b>35</b>			<b>270</b>	<b>202</b>	<b>468</b>	<b>1,087</b>
Hawaii.....																	
Puerto Rico.....	93	13									35			270	202	86	34
																382	1,053

1 Special students not included; see table XIV in text.

Table 8.—Current income, institutions of higher education, by State, 1947-48  
 A.—ALL INSTITUTIONS  
 Financial Data in Thousands of Dollars (000 Omitted)

State	Educational and general income										Total educational and general income	Auxiliary enterprises and activities	Other non-educational purposes	Total current income
	Student fees	Federal Government		State government	Local government	Endowment earnings	Private gifts and grants	Sales and services related activities	Miscellaneous sources	11				
		3	4											
<b>Continental United States:</b>	<b>\$304,601</b>	<b>\$364,727</b>	<b>\$161,748</b>	<b>\$352,280</b>	<b>\$ 47,521</b>	<b>\$ 86,679</b>	<b>\$ 91,467</b>	<b>\$ 92,725</b>	<b>\$ 36,326</b>	<b>\$1,538,076</b>	<b>\$465,154</b>	<b>\$ 23,821</b>	<b>\$2,027,052</b>	
Alabama.....	2,947	5,964	1,690	6,734	505	698	1,232	399	649	20,818	9,022	89	29,929	
Arizona.....	1,009	1,352	370	2,310	84	295	84	217	62	5,076	2,472	140	8,288	
Arkansas.....	1,971	1,980	1,362	4,235	41	176	379	475	230	10,909	4,343	146	15,388	
California.....	20,416	31,988	34,633	12,064	4,853	4,853	5,755	5,148	1,440	143,687	24,592	952	169,231	
Colorado.....	3,862	5,776	1,226	4,331	510	252	529	1,883	1,133	19,502	6,413	246	26,161	
Connecticut.....	5,849	6,258	458	3,168	304	5,807	2,640	187	262	24,933	8,251	216	33,400	
Delaware.....	3,791	5,934	308	749	6	201	70	108	63	2,336	432	2	2,770	
Florida.....	4,933	6,253	1,552	3,927	214	199	442	870	224	21,631	8,438	507	30,576	
Georgia.....	602	800	471	2,337	135	1,902	1,388	4,216	420	24,781	9,095	214	34,090	
Idaho.....	21,135	22,914	16,668	28,537	2,784	8,392	9,827	7,819	2,162	120,258	25,189	1,656	147,103	
Illinois.....	10,520	9,487	2,013	12,084	2,277	1,884	1,884	3,500	42,634	21,004	1,964	1,964	65,602	
Iowa.....	5,906	7,803	2,013	11,409	148	756	1,684	1,244	2,319	35,272	12,177	814	46,263	
Kansas.....	3,461	3,982	1,089	8,056	1,072	349	1,271	3,012	908	23,140	4,729	189	28,058	
Kentucky.....	3,373	4,107	1,441	4,365	3,379	963	1,590	1,353	637	18,208	6,897	610	25,715	
Louisiana.....	2,958	4,549	1,404	10,413	129	1,389	980	487	124	23,433	10,287	146	32,866	
Maine.....	1,495	2,056	446	1,371	41	663	134	230	258	6,694	3,283	124	10,101	
Maryland.....	4,774	4,100	3,757	5,484	185	1,910	2,431	2,157	591	25,380	5,245	201	30,833	
Massachusetts.....	22,091	18,887	15,916	3,755	210	10,867	5,954	1,246	2,869	51,895	21,184	1,855	104,924	
Michigan.....	9,481	15,870	1,678	19,551	3,985	1,091	2,789	8,300	441	63,050	17,656	674	81,386	
Minnesota.....	4,912	6,670	2,224	11,120	572	1,398	3,021	3,760	146	33,913	24,631	686	59,230	
Mississippi.....	2,285	2,376	1,434	7,780	1,082	1,776	4,435	2,612	455	11,644	5,381	28	17,053	
Missouri.....	9,087	11,408	1,925	7,722	943	1,771	2,674	2,815	469	38,414	12,324	269	50,807	
Montana.....	416	1,545	448	2,070	14	129	156	361	30	3,181	2,305	4	7,490	
Nebraska.....	2,328	3,866	840	4,210	408	226	608	1,443	117	14,040	4,706	53	18,505	

# HIGHER EDUCATION

Novada.....	160	257	304	932	18	32	335	1,703	492	218	2,418
New Hampshire.....	1,546	2,110	380	1,138	50	785	7,999	2,011	7,999	13	10,223
New Jersey.....	6,657	7,706	2,701	4,911	305	1,007	7,994	26,118	7,994	1,368	34,780
New Mexico.....	1,518	1,518	2,450	2,316	198	208	6,156	35	6,156	1,176	8,513
New York.....	44,128	52,696	17,461	13,873	16,094	11,906	183,814	8,205	33,221	2,389	221,624
North Carolina.....	6,305	6,546	2,241	5,922	3,061	1,637	28,612	2,316	14,650	189	43,451
North Dakota.....	15,732	2,725	6,600	3,968	23	1,194	6,347	1,245	1,245	968	8,760
Ohio.....	15,205	15,843	1,891	14,952	1,918	3,758	6,226	4,257	24,017	921	91,172
Oklahoma.....	2,816	6,313	1,171	8,006	19	1,181	2,594	3,870	9,850	188	30,881
Oregon.....	2,102	3,510	701	4,338	264	273	6,603	46	4,076	32	16,188
Pennsylvania.....	22,402	27,716	5,558	12,239	67	5,168	6,030	8,456	22,754	983	113,890
Rhode Island.....	2,768	2,866	609	1,133	470	443	45	8,393	3,113	237	11,743
South Carolina.....	3,498	3,442	1,167	4,541	93	392	1,130	744	865	235	23,234
South Dakota.....	942	1,221	640	1,842	275	173	5,493	25	2,035	22	7,550
Tennessee.....	5,629	5,833	1,592	4,969	48	2,213	1,681	1,402	23,708	386	32,600
Texas.....	11,025	18,030	3,819	19,829	2,301	2,306	2,962	2,259	64,640	297	89,234
Utah.....	1,808	681	4,591	1,035	42	1,035	10,539	3,120	3,120	1	13,660
Vermont.....	1,898	1,129	343	579	73	368	5,216	513	2,074	251	7,541
Virginia.....	7,333	4,403	1,545	5,773	28	1,715	912	3,619	9,820	894	36,538
Washington.....	3,059	3,685	1,070	14,307	375	1,134	608	229	24,936	489	33,611
West Virginia.....	2,427	2,609	769	4,729	20	180	262	331	11,372	105	15,940
Wisconsin.....	5,017	8,069	1,112	11,402	113	453	34,407	514	10,775	373	45,555
Wyoming.....	230	674	417	1,432	57	100	88	159	1,294	48	4,481
District of Columbia.....	4,878	4,710	2,577	562	218	1,797	1,685	351	16,778	998	21,811
U. S. service academies.....			18,624						18,624		18,624
<b>Outlying parts of the United States.....</b>	<b>1,031</b>	<b>409</b>	<b>1,162</b>	<b>5,619</b>	<b>28</b>	<b>100</b>	<b>299</b>	<b>90</b>	<b>8,738</b>	<b>468</b>	<b>10,719</b>
Alaska.....	10	14	105	264		6	19	4	422	5	639
Canal Zone.....	27	2	47	76	8				76		84
Hawaii.....	337	227	353	1,908		56	156	40	3,077	20	3,678
Puerto Rico.....	657	166	657	3,447	28	38	124	46	5,163	443	6,318

1 National total figures do not in every instance represent totals of individual State entries, as each entry in this table is independently rounded.

Table 8.—Current income, institutions of higher education, by State, 1947-48—Continued

B.—PUBLICLY CONTROLLED INSTITUTIONS  
Financial Data in Thousands of Dollars (000 Omitted)

State	Educational and general income										Total current income		
	Student fees	Federal Government		State government	Local government	Endowment earnings	Private gifts and grants	Sales and services of related activities	Miscellaneous sources	Total educational and general income		Auxiliary enterprises and activities	Other non-educational purposes
		For Veterans' education	For other purposes										
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Continental United States:</b>	<b>\$ 84,518</b>	<b>\$161,082</b>	<b>\$ 92,923</b>	<b>\$332,095</b>	<b>\$ 47,240</b>	<b>\$ 7,919</b>	<b>\$ 14,556</b>	<b>\$ 53,282</b>	<b>\$ 17,301</b>	<b>\$810,917</b>	<b>\$ 22,951</b>	<b>\$ 10,930</b>	<b>\$1,051,366</b>
Alabama.....	1,434	4,608	1,690	6,546	469	231	252	324	507	15,973	6,040	45	22,058
Arizona.....	907	1,112	370	2,310	295	84	31	217	62	5,447	2,283	135	7,865
Arkansas.....	1,288	1,559	1,362	4,295	41	37	33	442	144	9,201	3,447	142	12,675
California.....	8,101	15,733	25,631	34,615	12,664	1,960	1,082	2,291	983	102,380	10,085	635	113,050
Colorado.....	2,229	2,563	1,222	4,351	510	38	223	1,779	1,051	13,337	4,457	173	18,567
Connecticut.....	474	2,077	444	3,156	304	5	31	110	-----	6,601	2,935	45	9,581
Delaware.....	416	319	308	780	6	196	1	108	62	2,196	355	-----	2,551
Florida.....	801	2,134	589	9,339	113	34	68	788	178	14,124	4,825	481	19,430
Georgia.....	2,649	4,628	1,284	3,921	196	224	161	1,050	224	14,198	5,516	114	19,828
Idaho.....	384	686	471	2,337	135	73	186	-----	39	4,459	1,573	52	6,084
Illinois.....	1,702	5,837	3,185	28,555	2,784	39	1,409	1,089	369	44,989	8,308	946	54,243
Indiana.....	5,595	4,333	1,701	12,084	270	50	581	3,453	1,005	29,131	13,314	1,683	44,128
Iowa.....	2,272	4,785	2,003	11,409	148	69	711	1,188	1,892	24,476	7,796	671	32,043
Kansas.....	2,218	3,439	1,089	8,056	1,072	67	-----	2,968	825	19,734	2,965	66	22,765
Kentucky.....	2,190	3,231	1,441	4,365	1,379	57	263	860	464	13,250	3,169	452	16,871
Louisiana.....	971	2,266	1,152	10,408	129	15	85	414	21	15,460	7,043	26	22,529
Maine.....	526	1,218	446	1,312	41	33	-----	230	181	3,987	1,472	14	5,473
Maryland.....	1,768	2,000	766	5,252	159	66	68	2,097	62	12,239	2,371	38	14,638
Massachusetts.....	445	1,880	435	3,724	207	17	38	87	181	7,013	1,498	-----	8,511
Michigan.....	5,788	12,237	1,678	19,526	3,985	804	1,451	8,153	194	53,817	13,575	43	67,435
Minnesota.....	1,897	4,653	2,044	11,117	572	811	1,577	3,683	49	26,402	19,091	601	46,094
Mississippi.....	1,548	1,996	1,420	2,786	1,078	44	127	610	382	9,989	4,507	16	14,512
Missouri.....	1,567	5,818	1,396	7,718	943	68	60	1,157	214	18,941	2,935	59	21,935
Montana.....	334	1,446	448	2,078	14	96	16	343	20	4,795	2,114	4	6,914
Nebraska.....	1,195	3,012	840	4,210	408	34	100	1,190	80	11,069	2,900	46	14,014



# HIGHER EDUCATION

Nevada.....	160	257	364	932	18	32	183	1,703	497	218	2,418
New Hampshire.....	357	948	1,137	1,137	44	248	183	3,345	1,025	13	4,383
New Jersey.....	606	53	1,596	305	3	---	18	3,874	754	22	4,650
New Mexico.....	1,145	450	2,316	198	208	211	32	6,078	2,181	176	8,435
New York.....	2,879	8,474	7,046	13,860	---	29	111	33,516	6,217	270	40,003
North Carolina.....	1,968	3,825	5,922	5	138	401	300	14,773	7,877	74	22,734
North Dakota.....	639	674	3,968	23	118	3	117	1,089	960	960	8,348
Ohio.....	4,723	6,285	1,108	1,918	553	2,389	3,924	37,552	12,454	120	50,126
Oklahoma.....	1,803	5,052	1,171	8,006	378	80	92	17,783	8,281	132	26,166
Oregon.....	652	1,797	4,333	243	26	104	20	8,461	2,589	22	11,072
Pennsylvania.....	1,674	1,444	2,993	20	40	---	5	6,183	2,489	1	8,673
Rhode Island.....	1,325	257	1,118	---	2	---	45	2,120	666	133	2,919
South Carolina.....	1,289	2,373	4,540	93	45	164	727	11,067	3,937	137	15,141
South Dakota.....	437	866	1,842	3	113	3	22	4,288	1,615	8	5,911
Tennessee.....	1,604	3,251	4,941	23	19	193	166	12,022	2,027	232	14,281
Texas.....	5,302	13,495	19,818	2,299	727	524	1,702	49,596	16,159	203	65,959
Utah.....	1,522	1,451	4,591	37	33	257	106	8,982	2,009	---	10,991
Vermont.....	566	702	343	73	63	109	36	2,910	472	170	3,552
Virginia.....	3,293	2,924	5,773	24	464	240	307	17,981	5,017	711	23,709
Washington.....	1,337	2,384	14,307	375	310	478	195	21,024	6,087	489	27,900
West Virginia.....	1,272	1,837	4,717	20	5	171	227	8,870	2,947	35	11,852
Wisconsin.....	1,846	5,526	1,112	113	54	1,121	23	26,004	7,453	250	33,707
Wyoming.....	229	674	1,432	57	100	88	12	3,169	1,264	48	4,481
District of Columbia.....	41	9	260	562	6	1	4	885	54	9	947
U. S. service academies.....	---	---	---	---	---	---	---	18,624	---	---	18,624
<b>Outlying parts of the United States.....</b>	<b>930</b>	<b>378</b>	<b>1,162</b>	<b>5,619</b>	<b>10</b>	<b>97</b>	<b>299</b>	<b>8,585</b>	<b>1,282</b>	<b>451</b>	<b>10,318</b>
Alaska.....	10	14	105	264	---	6	19	422	212	5	639
Canal Zone.....	27	47	---	---	---	---	---	76	8	---	84
Hawaii.....	337	227	353	1,908	---	56	156	3,077	581	20	3,678
Puerto Rico.....	556	135	657	3,447	10	35	134	5,010	481	426	5,917

1 National total figures do not in every instance represent totals of individual State entries, as each entry in this table is independently rounded.

Table 8.—Current income, institutions of higher education, by State, 1947-48—Continued  
 C.—PRIVATELY CONTROLLED INSTITUTIONS  
 Financial Data in Thousands of Dollars (000 Omitted)

State	Educational and general income										Total current income		
	Student fees	Federal Government		State government	Local government	Endowment and earnings	Private gifts and grants	Sales and services of related activities	Miscellaneous sources	Total educational and general income		Auxiliary enterprises and activities	Other non-educational purposes
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Continental United States <sup>1</sup>	\$220,083	\$203,645	\$ 68,826	\$ 20,185	\$ 281	\$ 78,761	\$ 76,912	\$ 39,443	\$ 19,023	\$727,159	\$235,636	\$ 12,891	\$975,686
Alabama.....	1,513	1,356	---	189	35	467	980	164	142	4,845	2,982	45	7,871
Arizona.....	9	220	---	---	---	---	---	---	---	229	189	5	423
Arkansas.....	684	420	---	---	---	139	346	33	86	1,708	1,011	4	2,723
California.....	12,315	11,027	6,368	18	---	3,594	4,673	2,858	456	41,306	14,558	317	56,181
Colorado.....	1,632	3,224	4	---	---	214	306	104	82	5,564	1,956	73	7,593
Connecticut.....	5,376	4,181	14	11	---	5,802	2,609	77	261	18,332	5,317	171	23,819
Delaware.....	43	22	---	---	---	5	69	---	---	139	77	2	218
Florida.....	2,931	3,801	---	---	100	165	375	82	46	7,507	3,613	26	11,145
Georgia.....	2,284	1,604	257	6	14	1,828	1,227	3,166	196	10,582	3,579	101	14,263
Idaho.....	219	114	---	---	---	25	228	---	21	607	245	---	855
Illinois.....	19,433	17,057	13,482	2	---	8,353	8,418	6,729	1,794	75,268	16,881	710	92,860
Indiana.....	4,926	5,093	300	1	7	834	1,782	47	504	13,503	7,690	281	21,474
Iowa.....	3,624	3,018	10	---	---	687	1,072	57	427	8,796	4,381	144	13,320
Kansas.....	1,183	543	---	1	---	282	1,271	43	83	3,407	1,763	123	5,293
Kentucky.....	1,183	876	---	---	---	907	1,327	494	171	4,959	3,728	158	8,844
Louisiana.....	1,987	2,283	252	4	---	1,374	895	73	103	6,972	3,244	120	10,337
Maine.....	969	838	---	59	---	630	534	---	77	2,707	811	110	4,629
Maryland.....	3,006	2,100	2,901	232	26	1,844	2,363	60	529	13,151	2,874	173	16,197
Massachusetts.....	21,646	17,007	15,481	31	3	10,531	5,916	1,258	2,689	74,882	13,687	1,853	96,423
Michigan.....	3,663	3,652	---	5	---	287	1,358	36	247	9,258	4,080	630	13,949
Minnesota.....	3,015	2,106	180	3	---	587	1,444	77	97	7,511	5,540	85	13,137
Mississippi.....	737	380	14	---	4	132	309	---	75	1,655	874	12	2,641
Missouri.....	7,520	5,500	529	4	---	1,703	2,614	1,258	255	19,473	9,188	210	28,872
Montana.....	82	100	---	---	---	33	142	18	10	386	190	---	576
Nebraska.....	1,134	854	---	---	---	192	508	233	36	2,977	1,806	8	4,791

Nevada.....																			3,954	1,855				5,840
New Hampshire.....	1,190	1,163	15	2,648	3,315	1	741	693	1,007	66	576	152	22,244	6,540	1,346				22,244	6,540				30,130
New Jersey.....	6,051	6,415	2,648	16,587	6,888	14	16,094	11,877	7,962		4,606	150,298	29,004						150,298	29,004				181,621
New Mexico.....	20	5																						78
New York.....	42,049	44,221	16,587	6,888																				2,319
North Carolina.....	4,337	2,721	319																					20,728
North Dakota.....	92	51																						8
Ohio.....	10,482	9,559	783																					800
Oklahoma.....	1,013	1,461																						4,716
Oregon.....	1,450	1,713	4																					10
Pennsylvania.....	20,727	26,273	5,558	9,246	47																			105,218
Rhode Island.....	2,442	2,497	352																					8,823
South Carolina.....	2,209	1,070	8																					8,093
South Dakota.....	1,505	1,855																						1,639
Tennessee.....	4,024	2,581	229																					18,318
Texas.....	5,722	4,535	76																					23,274
Utah.....	1,569	357																						2,670
Vermont.....	1,332	426																						80
Virginia.....	4,040	1,478	28																					3,989
Washington.....	1,723	1,301	1																					12,829
West Virginia.....	1,155	772																						6,011
Wisconsin.....	3,170	2,544	1																					4,088
Wyoming.....																								11,849
District of Columbia.....		4,837	2,318					1,797	1,681		348	15,894	3,982						15,894	3,982				20,865
Outlying part of the United States.....																								400
Puerto Rico.....	101	31					18	3											153	230			17	

1 National total figures do not in every instance represent totals of individual State entries, as each entry in this table is independently rounded.

Table 9.—Private gifts and grants to endowment and other nonexpendable funds, institutions of higher education, by control and State, 1947-48

Financial Data in Thousands of Dollars (000 Omitted)

State	All institutions					Publicly controlled institutions					Privately controlled institutions					
	Endow- ment funds	Funds function- ing as en- dowment	Annuity funds	Student loan funds	Endow- ment funds	Funds function- ing as en- dowment	Annuity funds	Student loan funds	Endow- ment funds	Funds function- ing as en- dowment	Annuity funds	Student loan funds	Endow- ment funds	Funds function- ing as en- dowment	Annuity funds	Student loan funds
1	2	3	4	5	6	7	8	9	10	11	12	13				
Continental United States <sup>1</sup>	\$62,140	\$ 9,743	\$ 2,729	\$ 1,269	\$ 9,709	\$289	\$ 42	\$557	\$52,431	\$ 9,454	\$ 2,689	\$708				
Alabama.....	486	50	.....	221	5	50	.....	221	481	.....	.....	.....	.....	.....	.....	.....
Arizona.....	121	.....	.....	60	.....	.....	.....	.....	121	.....	.....	.....	.....	.....	.....	.....
Arkansas.....	5,373	64	431	249	2,642	5	39	93	2,731	59	392	80	.....	.....	.....	.....
California.....	195	3	.....	3	26	3	.....	2	169	.....	.....	1	.....	.....	.....	.....
Colorado.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut.....	206	5	24	11	.....	.....	.....	.....	206	5	24	11	.....	.....	.....	.....
Delaware.....	146	.....	6	6	.....	.....	.....	6	146	.....	.....	.....	.....	.....	.....	.....
Florida.....	10,077	49	13	43	233	.....	.....	2	9,844	49	13	41	.....	.....	.....	.....
Georgia.....	10	5	1	2	2	5	.....	1	8	.....	.....	.....	.....	.....	.....	.....
Idaho.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	1,634	8	272	125	23	.....	.....	109	1,611	8	272	16	.....	.....	.....	.....
Indiana.....	390	462	102	25	48	.....	.....	11	342	462	102	14	.....	.....	.....	.....
Iowa.....	205	293	43	27	13	.....	.....	25	192	293	43	2	.....	.....	.....	.....
Kansas.....	102	40	37	28	10	.....	.....	24	92	40	37	4	.....	.....	.....	.....
Kentucky.....	1,011	27	226	41	86	23	.....	2	925	4	226	39	.....	.....	.....	.....
Louisiana.....	582	.....	.....	18	.....	.....	.....	.....	582	.....	.....	18	.....	.....	.....	.....
Maine.....	616	.....	.....	11	10	.....	.....	1	606	.....	.....	10	.....	.....	.....	.....
Maryland.....	308	635	11	5	2	.....	.....	.....	308	.....	.....	5	.....	.....	.....	.....
Massachusetts.....	6,290	2,405	587	20	.....	.....	.....	.....	6,290	2,405	587	20	.....	.....	.....	.....
Michigan.....	915	242	170	6	441	107	3	5	474	135	167	1	.....	.....	.....	.....
Minnesota.....	175	34	17	4	128	32	.....	.....	47	2	17	4	.....	.....	.....	.....
Mississippi.....	131	51	.....	131	51	.....	.....	.....	131	51	.....	.....	.....	.....	.....	.....
Missouri.....	1,263	923	17	25	51	.....	.....	11	1,212	923	17	14	.....	.....	.....	.....
Montana.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska.....	33	11	.....	3	.....	11	.....	1	33	.....	.....	.....	.....	.....	.....	.....
Nevada.....	100	.....	.....	.....	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire.....	640	328	.....	3	10	.....	.....	.....	630	328	.....	3	.....	.....	.....	.....

# HIGHER EDUCATION

New Jersey.....	1,796	47	1	9	3	8			1,793	47	1	9
New Mexico.....	6,590	2,404	407	60	56				6,534	2,404	407	60
New York.....	1,033	108		103	50				983	108		101
North Carolina.....	4	17							4	17		
North Dakota.....	11,100	304	114	59	683				10,417	304	114	59
Ohio.....		9	6							9	6	3
Oklahoma.....	28		101	21	15				13		101	
Oregon.....												
Pennsylvania.....	1,323	275	100	5	40				1,288	275	100	5
Rhode Island.....	16	1		5					16	1		5
South Carolina.....	226	158		8	3				223	158		5
South Dakota.....	32								32			1
Tennessee.....	754	429	20	5					754	429	20	4
Texas.....	1,517	40	9	17	301				1,216	40	9	12
Utah.....	3,000				3,000							
Vermont.....	16	14		3	16							
Virginia.....	2,266	31	15	5	1,205	14			1,061	5	15	1
Washington.....	116			8	28	26						5
West Virginia.....	20											
Wisconsin.....	783	197	1		479				20	197	1	
Wyoming.....		5				5			304			
District of Columbia.....	511	61		15					511	61		15
U. S. service academies.....												
<b>Outlying parts of the United States.....</b>	<b>5</b>			<b>3</b>	<b>5</b>							<b>3</b>
Hawaii.....	5			3								3
Puerto Rico.....												

1 National total figures do not in every instance represent totals of individual State entries, as each entry in this table is independently rounded.





**Table 10.—Receipts specifically designated for plant expansion, institutions of higher education, by type, control, and State, 1947-48**

*Financial Data in Thousands of Dollars (000 Omitted)*

State	Total for all institutions	Universities, colleges, and professional schools		Teachers colleges		Junior colleges	
		Publicly controlled	Privately controlled	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled
1	2	3	4	5	6	7	8
<b>Continental United States<sup>1</sup></b>	<b>\$364,902</b>	<b>\$188,667</b>	<b>\$108,640</b>	<b>\$ 40,904</b>	<b>\$388</b>	<b>\$ 18,432</b>	<b>\$ 7,870</b>
Alabama.....	5,586	4,414	687	440			45
Arizona.....	2,172	917		918		337	
Arkansas.....	5,036	1,853	1,844	691		641	7
California.....	31,601	12,351	7,671			11,416	163
Colorado.....	4,267	2,196	1,174	401		387	109
Connecticut.....	5,481	4,455	712	253			61
Delaware.....	39	5					34
Florida.....	8,529	6,352	2,153				24
Georgia.....	5,780	4,396	1,017	5		190	172
Idaho.....	1,349	930	242	107		70	
Illinois.....	27,764	9,128	9,185	9,027	82	124	218
Indiana.....	13,786	10,795	2,345	511		135	
Iowa.....	4,175	2,025	1,206	610		185	150
Kansas.....	3,967	2,158	1,075	625		11	98
Kentucky.....	6,164	3,775	1,711	578			100
Louisiana.....	4,651	2,749	1,174	727			
Maine.....	1,428	784	263				381
Maryland.....	9,600	8,017	1,540	43			
Massachusetts.....	10,532	3,359	6,908	45	126		94
Michigan.....	20,362	12,833	2,494	5,006			29
Minnesota.....	7,282	2,446	2,761	2,056		6	13
Mississippi.....	3,380	2,445	400	289		107	138
Missouri.....	7,924	3,167	2,531	1,297		19	909
Montana.....	2,243	1,899		345			
Nebraska.....	2,635	1,542	723	165	106	20	79
Nevada.....	337	337					
New Hampshire.....	2,340	2,287	18	6			29
New Jersey.....	5,591	464	4,915	91			121
New Mexico.....	1,045	1,003		42			
New York.....	20,317	890	13,613	3,290		331	2,203
North Carolina.....	16,791	12,110	2,968	1,110			604
North Dakota.....	3,106	2,255	57	509		285	
Ohio.....	16,169	11,086	5,083				
Oklahoma.....	10,524	6,628	1,400	1,795		701	
Oregon.....	6,030	4,446	803	679	74		28
Pennsylvania.....	11,300		10,711	151			436
Rhode Island.....	925		925				
South Carolina.....	1,734	1,025	613				96
South Dakota.....	2,546	1,890	129	493			34
Tennessee.....	8,941	3,964	2,958	1,816			203
Texas.....	23,155	11,109	4,795	3,277		3,302	672
Utah.....	1,895	1,483	247			165	
Vermont.....	613	67	480	50			16
Virginia.....	9,263	8,188	812	88			175
Washington.....	15,070	11,395	939	2,736			
West Virginia.....	4,323	2,859	970	494			
Wisconsin.....	1,740	99	1,500	108			35
Wyoming.....	88	88					
District of Columbia.....	5,325	13	4,888	30			394
<b>Outlying parts of the United States.....</b>	<b>967</b>	<b>909</b>	<b>58</b>				
Hawaii.....	187	187					
Puerto Rico.....	780	722	58				

<sup>1</sup> National total figures do not in every instance represent totals of individual State entries, as each entry in this table is independently rounded.

Table 11.—Current expenditures, institutions of higher education, by State, 1947-48

A.—ALL INSTITUTIONS

Financial Data in Thousands of Dollars (000 Omitted)

State	Educational and general										Total current expenditures	
	1	2	3	4	5	6	7	8	9	10		11
Continental United States.....		\$171,828	\$657,946	\$159,090	\$ 71,181	\$ 44,207	\$201,996	\$ 85,346	\$1,391,595	\$438,988	\$ 52,687	\$1,883,271
Alabama.....	1,870	8,776	1,273	2,252	623	2,852	359	18,005	8,100	374	26,470	
Arizona.....	678	2,662	490	419	166	745	192	5,383	2,440	179	8,002	
Arkansas.....	1,220	3,720	633	1,501	230	1,256	741	9,303	4,050	402	13,756	
California.....	11,106	54,263	36,651	3,912	4,427	11,652	5,882	127,887	23,470	3,751	151,109	
Colorado.....	2,744	7,994	1,476	1,168	596	1,975	2,755	18,708	6,184	333	25,225	
Connecticut.....	3,451	11,011	2,491	686	1,083	4,587	64	23,454	7,277	363	31,094	
Delaware.....	340	931	239	176	401	55	2,186	308	7,940	35	21,589	
Florida.....	2,562	8,077	2,084	787	597	2,380	832	17,208	8,770	918	26,066	
Georgia.....	2,823	9,878	1,972	2,362	815	3,034	4,034	24,026	8,770	489	33,285	
Idaho.....	729	1,833	294	456	120	707	151	4,410	1,627	72	6,108	
Illinois.....	13,365	49,584	20,490	2,675	3,301	15,995	5,387	110,797	23,899	4,704	139,400	
Indiana.....	4,642	20,610	3,322	3,482	1,077	4,716	945	39,003	18,320	1,980	59,902	
Iowa.....	3,220	12,064	2,016	1,511	870	3,719	5,583	29,593	11,624	1,238	42,454	
Kansas.....	1,634	10,469	1,140	1,022	539	2,544	2,009	19,317	4,416	893	24,625	
Kentucky.....	1,946	7,258	930	1,681	567	2,528	583	15,493	6,655	1,395	23,543	
Louisiana.....	2,490	10,303	1,785	1,822	813	3,229	627	21,069	9,584	806	31,550	
Maine.....	880	2,804	305	314	199	1,187	138	6,026	3,199	222	9,447	
Maryland.....	2,572	10,445	3,918	1,069	569	2,735	2,528	23,835	4,806	481	29,122	
Massachusetts.....	11,757	33,078	13,900	4,405	2,010	13,314	1,274	77,887	18,750	3,661	100,298	
Michigan.....	7,420	28,753	3,144	2,089	1,643	7,455	6,584	57,088	16,507	2,259	75,854	
Minnesota.....	3,797	14,381	4,170	1,545	1,142	4,358	2,364	31,757	22,510	899	55,166	
Mississippi.....	1,212	4,784	1,392	1,849	1,269	1,665	468	11,040	5,234	184	17,058	
Missouri.....	4,355	16,413	879	1,589	1,123	4,644	2,858	31,860	10,496	927	43,284	
Montana.....	416	2,253	598	437	148	742	31	4,625	2,070	38	6,733	
Nebraska.....	1,263	5,618	1,096	1,179	401	1,794	1,144	12,493	4,368	144	17,005	
Nevada.....	143	621	153	190	53	175	30	1,365	597	240	2,203	

New Hampshire.....	979	3,385	242	330	1,272	358	6,907	2,748	106	9,761
New Jersey.....	3,418	11,639	3,872	1,202	897	158	25,377	6,636	1,631	33,644
New Mexico.....	750	2,586	351	351	225	771	5,315	2,242	185	7,742
New York.....	23,018	87,009	16,712	3,926	5,262	9,264	171,350	32,831	8,542	212,723
North Carolina.....	3,062	13,248	1,792	2,476	1,099	2,605	27,900	13,786	478	42,255
North Dakota.....	376	2,615	543	471	113	1,179	5,183	1,116	1,002	7,302
Ohio.....	8,473	32,740	3,201	2,089	1,941	9,877	59,200	23,378	2,258	84,537
Oklahoma.....	2,526	9,672	1,001	1,754	584	2,779	18,622	8,302	317	27,441
Oregon.....	1,627	5,482	893	1,174	600	1,508	11,915	4,949	312	17,176
Pennsylvania.....	10,374	38,343	7,803	3,366	2,236	13,394	63,717	20,700	3,489	107,906
Rhode Island.....	1,405	3,504	573	1,177	373	1,509	7,579	3,225	341	11,144
South Carolina.....	1,805	3,592	913	1,532	389	3,314	13,719	6,308	389	20,506
South Dakota.....	734	1,773	9	29	122	676	3,356	1,232	62	4,650
Tennessee.....	2,777	10,600	971	1,777	817	3,064	22,020	8,007	451	30,818
Texas.....	6,278	25,940	3,235	4,305	1,814	7,199	50,588	22,459	908	73,955
Utah.....	954	4,967	651	345	1,435	297	9,617	2,951	54	12,622
Vermont.....	700	2,215	221	345	152	858	4,974	1,753	415	7,142
Virginia.....	2,857	10,336	1,171	2,087	847	3,755	25,060	9,444	1,819	36,322
Washington.....	2,533	11,007	1,965	1,419	920	3,559	21,944	7,748	941	30,632
West Virginia.....	1,330	4,363	412	994	317	1,508	9,229	4,074	273	13,576
Wisconsin.....	2,983	14,858	3,085	3,599	829	3,470	31,777	10,878	411	43,065
Wyoming.....	391	1,302	281	416	66	312	2,877	1,302	70	4,249
District of Columbia.....	2,413	7,537	470	2	491	2,332	15,184	3,480	1,156	19,821
U. S. service academies.....	1,645	7,930				4,101	13,676	4,948		18,624
<b>Outlying parts of the United States</b> .....	<b>1,054</b>	<b>3,492</b>	<b>1,733</b>	<b>1,278</b>	<b>330</b>	<b>912</b>	<b>8,980</b>	<b>1,543</b>	<b>672</b>	<b>11,195</b>
Alaska.....	59	135	59	34	2	88	380	213	15	608
Canal Zone.....	8	45	10	10	2	11	76	8		84
Hawaii.....	237	1,186	365	548	171	183	3,003	566	19	3,588
Puerto Rico.....	750	2,126	1,079	686	155	630	5,521	756	638	6,915

1 National total figures do not in every instance represent totals of individual State entries, as each entry in this table is independently rounded.

Table 11.—Current expenditures, institutions of higher education, by State, 1947-48—Continued  
 B.—PUBLICLY CONTROLLED INSTITUTIONS  
 Financial Data in Thousands of Dollars (000 Omitted)

State	Educational and general								Auxiliary enterprises and activities	Other noneducational expenses	Total current expenditures
	Adminis-tration and general expense	Resident instruction	Organized research	Extension	Libraries	Physical plant operation and maintenance	Related activities	Total educational and general			
1	2	3	4	5	6	7	8	9	10	11	12
Continental United States.....	\$ 66,115	\$340,027	\$ 83,041	\$ 62,225	\$ 20,622	\$ 94,679	\$ 46,279	\$712,968	\$221,695	\$ 17,110	\$951,793
Alabama.....	1,181	6,132	1,245	2,234	431	2,053	271	13,347	5,145	52	18,744
Arizona.....	378	2,587	490	419	154	686	192	5,107	2,280	179	7,566
Arkansas.....	835	2,821	632	1,501	167	984	715	7,655	3,132	2,598	11,046
California.....	5,052	37,411	30,350	3,906	2,368	7,375	3,128	89,591	10,677	2,598	102,867
Colorado.....	1,444	5,285	1,476	1,168	351	1,406	2,689	13,819	4,378	243	18,440
Connecticut.....	516	3,297	234	681	109	694	65	5,529	2,499	46	8,074
Delaware.....	290	858	239	176	39	370	55	2,027	326	30	2,383
Florida.....	937	5,090	1,963	787	360	1,300	647	11,053	4,597	485	16,136
Georgia.....	1,359	5,982	701	2,362	458	1,978	755	13,595	5,456	169	19,220
Idaho.....	540	1,674	291	456	103	693	151	3,908	1,394	42	5,344
Illinois.....	4,108	19,442	4,281	2,577	1,337	6,577	1,837	40,159	8,035	961	49,155
Indiana.....	2,149	13,415	3,180	3,473	561	2,615	877	26,270	11,821	1,107	39,197
Iowa.....	1,427	8,617	2,013	1,509	555	2,132	5,235	21,491	7,468	736	29,694
Kansas.....	989	8,503	1,139	1,021	407	1,959	1,927	15,946	2,888	655	19,489
Kentucky.....	1,060	5,184	923	1,672	386	1,716	1,135	11,076	3,155	958	15,189
Louisiana.....	1,775	6,473	1,376	1,814	551	2,213	588	14,769	6,580	654	22,003
Maine.....	468	1,506	505	314	79	2,547	40	3,458	1,514	24	4,996
Maryland.....	776	4,292	870	1,069	186	1,134	2,399	10,726	2,257	64	13,046
Massachusetts.....	575	3,463	639	1,380	107	1,670	221	7,063	1,119	1	8,184
Michigan.....	6,054	24,108	3,137	2,085	1,363	5,947	6,334	49,028	12,814	1,429	63,271
Minnesota.....	2,520	10,472	4,156	1,545	850	2,307	2,307	24,322	17,232	549	42,703
Mississippi.....	873	3,966	1,387	1,840	208	1,321	431	10,634	4,520	101	14,655
Missouri.....	1,731	5,109	741	1,365	501	1,919	1,681	14,368	2,780	192	17,160
Montana.....	540	2,090	598	457	134	624	4	4,222	1,920	8	6,150
Nebraska.....	755	4,132	1,096	1,176	295	1,134	982	9,370	2,663	68	12,300
Nevada.....	142	622	154	190	53	175	30	1,365	597	240	2,203



# HIGHER EDUCATION

New Hampshire.....	236	1,246	236	340	82	715	204	3,059	968	9	4,037
New Jersey.....	540	2,255	71	351	102	557	65	3,589	673	121	4,383
New Mexico.....	740	2,541	325	351	222	751	307	5,237	185	185	7,064
New York.....	2,464	21,241	101	81	861	3,288	204	28,241	4,034	274	32,348
North Carolina.....	1,025	7,278	1,426	2,408	551	1,873	287	14,909	7,366	44	22,320
North Dakota.....	330	2,471	543	1,06	106	839	179	940	960	975	6,909
Ohio.....	3,768	15,262	1,956	1,983	843	5,228	328	33,419	12,296	375	46,090
Oklahoma.....	1,924	8,086	1,001	1,754	447	2,392	305	15,958	7,037	125	23,120
Oregon.....	1,928	3,880	872	1,161	166	958	573	8,789	3,629	45	12,463
Pennsylvania.....	705	3,406	4	4	166	1,472	31	5,784	2,404	66	8,953
Rhode Island.....	273	1,056	232	161	57	550	37	2,367	659	163	3,182
South Carolina.....	851	3,074	907	1,590	248	2,425	217	9,912	3,788	141	13,842
South Dakota.....	433	1,143	9	28	82	438	11	2,144	880	9	3,033
Tennessee.....	677	5,504	631	1,684	369	1,358	307	10,531	2,281	78	12,880
Texas.....	4,038	18,708	3,131	4,245	1,292	5,886	1,499	38,298	15,274	236	53,868
Utah.....	803	4,152	967	607	286	1,181	143	8,139	1,925	38	10,103
Vermont.....	224	1,091	221	345	64	384	483	2,812	447	227	3,486
Virginia.....	1,134	6,413	1,162	2,064	565	2,006	3,992	17,336	5,032	1,230	23,598
Washington.....	1,823	9,093	1,965	1,419	812	2,859	497	18,448	5,838	723	25,009
West Virginia.....	905	3,429	412	988	231	1,118	197	7,279	2,582	68	9,929
Wisconsin.....	1,676	10,942	2,847	3,599	558	2,142	2,615	24,379	7,634	148	32,160
Wyoming.....	391	1,302	281	416	66	312	109	2,877	1,302	70	4,249
District of Columbia.....	78	409	-----	-----	30	153	82	753	127	1	880
U. S. service academies.....	1,645	7,930	-----	-----	-----	4,101	-----	13,676	4,948	-----	18,624
<b>Outlying parts of the United States.....</b>	<b>1,021</b>	<b>3,397</b>	<b>1,733</b>	<b>1,278</b>	<b>323</b>	<b>901</b>	<b>181</b>	<b>8,834</b>	<b>1,301</b>	<b>663</b>	<b>10,798</b>
Alaska.....	59	135	59	34	2	88	3	380	213	15	608
Canal Zone.....	8	45	-----	10	2	11	-----	76	8	-----	84
Hawaii.....	237	1,186	595	548	171	183	83	3,003	506	19	3,588
Puerto Rico.....	717	2,031	1,079	686	148	619	95	3,375	314	629	6,318

1 National total figures do not in every instance represent totals of individual State entries, as each entry in this table is independently rounded.

Table 11.—Current expenditures, institutions of higher education, by State, 1947-48—Continued

C.—PRIVATELY CONTROLLED INSTITUTIONS  
Financial Data in Thousands of Dollars (000 Omitted)

State	Educational and general										Total current expendi- tures
	2	3	4	5	6	7	8	9	10	11	
	Adminis- tration and general expense	Resident instruction	Organized research	Extension	Libraries	Physical plant operation and main- tenance	Related activities	Total educa- tional general	Auxiliary enterprises and activities	Other noneduca- tional expenses	
<b>Continental United States 1</b> .....	\$105,714	\$317,918	\$76,049	\$8,955	\$23,566	\$107,317	\$39,067	\$678,606	\$217,293	\$35,577	\$931,476
Alabama.....	690	2,643	28	18	193	799	87	4,458	2,955	322	7,735
Arizona.....	100	106	.....	.....	12	58	.....	276	159	.....	436
Arkansas.....	386	809	.....	.....	63	272	.....	1,648	618	.....	2,709
California.....	6,053	16,851	6,301	5	2,053	4,277	2,754	38,996	12,702	1,153	52,741
Colorado.....	1,300	2,709	.....	.....	245	369	65	4,888	1,806	91	6,783
Connecticut.....	2,935	7,795	2,257	5	974	3,893	64	17,924	4,779	317	23,020
Delaware.....	50	73	.....	.....	5	31	.....	159	42	5	206
Florida.....	1,625	3,018	120	.....	237	980	175	6,154	3,343	433	9,930
Georgia.....	1,463	3,806	371	1	357	1,065	3,279	10,432	3,314	320	14,066
Idaho.....	189	220	3	.....	17	74	.....	502	233	30	764
Illinois.....	9,257	30,142	16,299	98	1,993	9,418	3,551	70,638	15,864	3,743	90,245
Indiana.....	2,493	7,204	341	9	517	2,101	68	12,733	7,100	873	20,705
Iowa.....	1,801	4,047	3	2	315	1,887	347	8,102	4,156	502	12,760
Kansas.....	645	1,905	1	1	152	585	82	3,371	1,528	238	5,136
Kentucky.....	885	2,074	7	9	181	812	448	4,417	3,459	437	8,354
Louisiana.....	715	3,850	409	9	263	1,016	58	6,300	3,005	242	9,546
Maine.....	412	1,297	.....	.....	120	640	98	2,567	1,685	198	4,451
Maryland.....	1,796	6,153	3,048	.....	382	1,901	128	13,109	2,549	417	16,076
Massachusetts.....	11,182	29,615	15,351	76	1,903	11,643	1,053	70,824	17,631	3,660	92,114
Michigan.....	1,365	4,645	7	4	280	1,508	250	8,060	3,693	830	12,583
Minnesota.....	1,276	3,910	14	.....	291	1,376	57	6,925	5,188	350	12,463
Mississippi.....	339	818	5	.....	62	345	37	1,606	715	83	2,403
Missouri.....	2,624	10,304	138	4	621	2,725	1,176	17,592	7,706	825	26,124
Montana.....	76	163	.....	.....	14	118	31	403	150	30	583
Nebraska.....	527	1,475	.....	3	107	651	161	2,924	1,706	76	4,705
New Hampshire.....	743	2,139	6	.....	248	557	154	3,848	1,779	97	5,724

New Jersey.....	2,878	9,384	3,872	1,131	795	3,634	94	21,788	5,963	1,510	29,261
New Mexico.....	10	45	16,611	3,845	4,400	22,872	9,000	143,110	28,797	8,268	180,175
New York.....	20,553	65,708	366	8	547	1,834	2,319	13,081	6,420	434	19,935
North Carolina.....	2,037	3,970									
North Dakota.....	46	140			8	46		239	126	27	393
Ohio.....	4,705	13,478	1,245	105	1,048	4,649	553	25,782	11,081	1,884	38,747
Oklahoma.....	553	1,586			138	388		2,664	1,465	193	4,322
Oregon.....	699	1,602	21	13	181	551	58	3,126	1,320	267	4,713
Pennsylvania.....	9,670	34,937	7,803	3,362	2,070	11,923	8,170	77,934	18,296	3,423	99,653
Rhode Island.....	1,132	2,448	341	16	316	959		5,212	2,573	178	7,963
South Carolina.....	752	1,918	6	2	142	889	98	3,807	2,609	248	6,664
South Dakota.....	302	630		1	40	238	1	1,212	352	52	1,617
Tennessee.....	2,100	5,095	340	63	448	1,706	1,707	11,489	6,066	373	17,928
Texas.....	2,241	7,232	103	60	523	1,813	319	12,290	7,185	672	20,146
Utah.....	151	815	2	44	59	254	154	1,478	1,026	16	2,520
Vermont.....	476	1,124			88	474		2,162	1,306	188	3,655
Virginia.....	1,703	3,924	9	23	282	1,748	34	7,723	4,412	589	12,724
Washington.....	1,710	1,914			108	720	44	3,496	1,910	218	5,624
West Virginia.....	425	934		5	86	390	109	1,950	1,492	203	3,647
Wisconsin.....	1,307	3,916	238		271	1,328	338	7,398	3,244	262	10,904
District of Columbia.....	2,335	7,128	470	2	460	2,179	1,858	14,432	3,354	1,155	18,941
<b>Outlying part of the United States</b>											
Puerto Rico.....	33	95			7	11		146	242	9	397

1 National total figures do not in every instance represent totals of individual State entries, as each entry in this table is independently rounded.



Table 12.—Expenditures for plant expansion, institutions of higher education, by type, control, and State, 1947-48

Financial Data in Thousands of Dollars (000 Omitted)

State	Total for all institutions	Universities, colleges, and professional schools		Teachers colleges		Junior colleges	
		Publicly controlled	Privately controlled	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled
1	2	3	4	5	6	7	8
<b>Continental United States<sup>1</sup></b>	<b>\$306,369</b>	<b>\$148,211</b>	<b>\$113,008</b>	<b>\$ 25,162</b>	<b>\$341</b>	<b>\$9,823</b>	<b>\$9,826</b>
Alabama.....	4,195	2,732	845	565	-----	-----	52
Arizona.....	846	209	-----	564	-----	73	-----
Arkansas.....	3,239	1,862	771	364	-----	231	11
California.....	23,384	11,766	6,536	-----	-----	4,895	187
Colorado.....	4,237	2,227	960	331	-----	437	282
Connecticut.....	2,538	1,136	584	392	-----	-----	426
Delaware.....	535	502	-----	-----	-----	-----	33
Florida.....	9,213	7,831	1,357	-----	-----	7	18
Georgia.....	5,610	3,650	1,558	31	-----	207	164
Idaho.....	1,166	618	285	106	-----	68	89
Illinois.....	18,292	8,716	7,981	979	102	124	390
Indiana.....	11,350	7,360	3,716	269	-----	5	-----
Iowa.....	3,606	1,268	1,206	660	-----	177	295
Kansas.....	3,351	2,031	1,126	108	-----	24	62
Kentucky.....	3,911	2,006	1,210	416	-----	53	226
Louisiana.....	7,504	6,043	1,442	19	-----	-----	-----
Maine.....	1,219	321	495	-----	-----	-----	403
Maryland.....	6,679	4,783	1,878	18	-----	-----	-----
Massachusetts.....	12,176	1,084	10,598	-----	105	-----	389
Michigan.....	29,976	22,775	1,570	5,535	-----	29	67
Minnesota.....	8,004	2,733	3,814	1,434	-----	2	21
Mississippi.....	3,777	2,969	180	380	-----	153	95
Missouri.....	5,981	1,487	2,928	1,105	-----	42	419
Montana.....	1,095	649	79	345	-----	22	-----
Nebraska.....	3,285	2,412	651	116	87	9	10
Nevada.....	129	129	-----	-----	-----	-----	-----
New Hampshire.....	478	283	171	9	-----	-----	15
New Jersey.....	7,985	349	7,454	106	15	5	56
New Mexico.....	1,082	983	-----	42	-----	57	-----
New York.....	15,759	870	11,484	343	5	235	2,822
North Carolina.....	5,860	2,133	2,224	395	-----	4	904
North Dakota.....	794	506	64	134	-----	90	-----
Ohio.....	10,425	5,758	4,590	-----	-----	-----	77
Oklahoma.....	8,099	4,699	2,125	932	-----	342	1
Oregon.....	4,693	3,194	1,139	310	13	22	15
Pennsylvania.....	13,557	-----	13,056	198	-----	-----	303
Rhode Island.....	1,838	17	1,817	4	-----	-----	-----
South Carolina.....	1,476	798	546	-----	-----	-----	132
South Dakota.....	781	551	156	44	-----	-----	30
Tennessee.....	8,402	4,502	2,085	1,615	-----	-----	200
Texas.....	23,463	10,786	5,628	3,748	-----	2,281	1,020
Utah.....	1,402	540	651	-----	-----	211	-----
Vermont.....	622	67	460	50	-----	-----	45
Virginia.....	2,466	1,330	797	87	-----	-----	252
Washington.....	13,633	9,725	1,223	2,666	-----	19	-----
West Virginia.....	1,977	585	1,059	333	-----	-----	-----
Wisconsin.....	1,711	553	959	175	14	-----	10
Wyoming.....	669	669	-----	-----	-----	-----	-----
District of Columbia.....	3,902	13	3,552	32	-----	-----	305
<b>Outlying parts of the United States</b>	<b>2,546</b>	<b>2,485</b>	<b>61</b>	-----	-----	-----	-----
Alaska.....	19	19	-----	-----	-----	-----	-----
Hawaii.....	292	292	-----	-----	-----	-----	-----
Puerto Rico.....	2,235	2,174	61	-----	-----	-----	-----

<sup>1</sup> National total figures do not in every instance represent totals of individual State entries, as each entry in this table is independently rounded.



Table 13.—Property of institutions of higher education, by State, 1947-48  
 A.—ALL INSTITUTIONS  
 Financial Data in Thousands of Dollars (000 Omitted)

State	Plant and plant funds						Endowment and other nonexpendable funds				
	Total plant and fund values	Total		Book value of physical plant	Unexpended plant funds	Total	Endowment funds	Funds functioning as endowment	Annuity funds	Student loan funds	
		2	3								4
<b>Continental United States<sup>1</sup></b>	<b>\$6,493,727</b>	<b>\$3,996,000</b>	<b>\$3,691,725</b>	<b>\$304,276</b>	<b>\$2,497,726</b>	<b>\$2,252,813</b>	<b>\$131,674</b>	<b>\$ 69,050</b>	<b>\$ 44,190</b>		
Alabama.....	82,459	62,368	56,007	6,361	20,091	17,418	176	2,075	422		
Arizona.....	15,781	15,372	13,763	1,609	7,209	179	-----	-----	30		
Arkansas.....	39,165	31,643	28,532	3,111	7,522	6,060	1,000	10	452		
California.....	373,696	247,330	210,425	36,905	126,366	107,032	6,664	10,805	1,805		
Colorado.....	55,975	48,180	42,894	5,186	7,795	7,030	222	211	332		
Connecticut.....	183,899	38,379	34,073	4,305	145,520	137,362	4,305	2,297	1,556		
Delaware.....	12,608	7,888	7,748	140	4,720	4,682	-----	32	6		
Florida.....	51,694	46,074	41,266	4,808	5,620	4,566	459	334	261		
Georgia.....	133,368	82,222	77,461	4,761	51,146	46,270	1,776	813	2,287		
Idaho.....	27,489	20,895	20,331	564	6,594	6,502	5	39	48		
Illinois.....	437,742	257,873	229,655	28,218	179,869	170,866	995	6,171	1,837		
Indiana.....	153,750	117,026	110,661	6,365	36,724	26,789	6,802	2,228	905		
Iowa.....	85,394	61,564	56,916	4,648	23,830	19,730	1,947	1,284	879		
Kansas.....	61,255	51,839	47,443	4,396	9,416	7,743	1,550	785	329		
Kentucky.....	86,221	58,135	53,299	4,836	28,096	25,163	396	1,945	592		
Louisiana.....	98,421	73,057	70,289	2,768	25,364	23,237	1,557	219	351		
Maine.....	41,260	23,725	18,544	5,181	18,544	17,827	141	458	118		
Maryland.....	110,019	56,482	54,030	2,452	53,537	44,658	8,164	542	173		
Massachusetts.....	463,777	133,279	128,133	5,146	330,498	301,670	15,553	9,511	3,764		
Michigan.....	235,263	201,239	188,804	12,435	34,044	27,465	594	4,200	1,785		
Minnesota.....	144,949	99,048	94,471	4,577	45,901	43,439	1,084	1,024	364		
Mississippi.....	39,570	34,294	32,843	1,451	5,226	4,628	483	36	59		
Missouri.....	158,988	108,963	105,447	3,516	50,025	45,583	2,100	1,002	1,380		
Montana.....	21,244	16,521	15,141	1,380	4,723	4,687	-----	-----	36		
Nebraska.....	39,253	33,573	31,317	2,256	5,680	4,658	643	69	310		
Nevada.....	4,312	3,329	3,001	328	984	884	-----	-----	100		
New Hampshire.....	52,335	23,975	21,688	2,287	28,380	19,827	8,085	-----	468		

# HIGHER EDUCATION

New Jersey.....	146,040	77,261	75,940	1,321	68,779	61,944	4,675	1,216	944
New Mexico.....	13,795	10,791	10,252	539	3,004	2,924	68	-----	12
New York.....	852,221	415,682	394,607	21,075	436,559	397,841	27,813	7,715	3,170
North Carolina.....	210,501	126,369	112,083	14,286	84,132	68,340	11,951	2,343	1,498
North Dakota.....	22,441	18,726	16,953	1,773	3,715	3,445	180	-----	90
Ohio.....	290,262	174,334	158,017	16,317	115,928	98,360	2,883	5,210	9,475
Oklahoma.....	87,333	71,156	64,576	6,580	16,177	14,566	821	164	626
Oregon.....	49,587	42,046	38,096	3,950	7,541	6,858	48	238	397
Pennsylvania.....	408,053	264,725	255,248	9,477	143,328	134,495	5,736	1,624	1,473
Rhode Island.....	37,757	22,415	21,117	1,208	15,352	14,132	545	542	133
South Carolina.....	61,412	52,445	50,625	1,820	8,987	8,202	581	10	197
South Dakota.....	21,620	17,862	15,804	1,968	3,967	3,703	82	47	135
Tennessee.....	137,951	75,442	71,967	3,475	62,509	59,123	4,470	1,070	1,246
Texas.....	329,337	182,834	165,252	17,572	156,513	151,922	2,042	748	1,801
Utah.....	24,520	23,840	23,045	795	680	500	45	-----	131
Vermont.....	21,471	11,617	11,365	52	9,854	7,501	1,437	673	243
Virginia.....	141,697	92,662	83,249	9,443	49,005	44,241	3,438	344	982
Washington.....	94,144	77,387	63,080	14,307	16,757	16,057	435	61	204
West Virginia.....	39,427	35,295	33,897	1,398	4,132	4,067	-----	13	52
Wisconsin.....	117,386	98,787	85,851	12,936	18,509	17,288	632	181	498
Wyoming.....	17,073	13,738	10,679	3,059	3,335	3,268	16	-----	51
District of Columbia.....	53,583	41,065	40,427	668	12,488	12,075	96	134	183
U. S. service academies.....	96,000	96,000	96,000	-----	-----	-----	-----	-----	-----
<b>Outlying parts of the United States.....</b>	<b>22,909</b>	<b>20,228</b>	<b>17,702</b>	<b>2,525</b>	<b>2,681</b>	<b>2,519</b>	<b>109</b>	-----	<b>53</b>
Alaska.....	1,247	1,243	1,221	22	4	1	3	-----	-----
Canal Zone.....	5,500	5,500	5,500	-----	-----	-----	-----	-----	-----
Hawaii.....	5,601	5,501	5,426	75	100	74	-----	-----	26
Puerto Rico.....	15,561	12,084	10,555	2,420	2,577	2,444	106	-----	27

1 National total figures do not in every instance represent totals or individual State entries, as each entry in this table is independently rounded.

Table 13.—Property of institutions of higher education, by State, 1947-48—Continued

B.—PUBLICLY CONTROLLED INSTITUTIONS  
Financial Data in Thousands of Dollars (000 Omitted)

State	Plant and plant funds				Endowment and other nonexpendable funds				Student loan funds
	Total	Book value of physical plant	Unexpended plant funds	Total	Endowment funds	Funds functioning as endowment	Annuity funds		
	2	3	4	5	6	7	8	9	
<b>Continental United States</b> .....	<b>\$2,488,511</b>	<b>\$2,135,174</b>	<b>\$1,930,005</b>	<b>\$205,169</b>	<b>\$353,337</b>	<b>\$311,085</b>	<b>\$13,423</b>	<b>\$15,856</b>	<b>\$12,973</b>
Alabama.....	52,038	43,924	38,271	5,653	8,114	5,630	50	2,054	380
Arizona.....	15,262	13,053	13,244	1,809	3,009	1,170	---	---	30
Arkansas.....	25,939	22,221	21,143	1,078	3,718	2,633	1,000	---	85
California.....	184,840	143,481	115,903	27,578	41,539	30,784	2,787	7,174	614
Colorado.....	37,288	35,540	31,823	3,717	1,748	1,284	222	30	242
Connecticut.....	17,312	17,121	13,295	3,826	191	159	---	---	32
Delaware.....	12,015	7,420	7,280	1,140	4,595	4,561	---	30	115
Florida.....	37,087	36,342	31,727	4,615	609	609	21	---	---
Georgia.....	46,965	43,417	40,752	2,665	3,548	2,120	---	---	1,428
Idaho.....	24,995	18,993	18,630	363	6,002	5,963	5	---	34
Illinois.....	112,276	108,925	89,285	19,640	3,351	2,790	---	---	561
Indiana.....	81,643	74,089	69,546	4,543	7,554	3,147	3,227	867	313
Iowa.....	43,523	40,672	37,173	3,499	2,851	2,189	69	10	583
Kansas.....	36,826	34,933	30,997	3,936	1,893	1,516	199	---	178
Kentucky.....	39,267	36,904	34,016	2,888	2,363	1,161	209	846	147
Louisiana.....	50,280	49,752	49,189	563	528	324	---	---	204
Maine.....	12,085	10,676	6,353	4,323	1,409	1,363	---	---	46
Maryland.....	27,915	24,994	24,424	570	2,881	2,881	---	---	40
Massachusetts.....	11,062	10,698	10,498	200	364	353	---	---	11
Michigan.....	198,461	173,190	162,888	10,302	25,271	20,089	113	3,557	1,532
Minnesota.....	102,033	70,055	66,928	3,127	31,978	30,898	481	575	24
Mississippi.....	20,150	27,837	26,733	1,104	1,270	1,270	---	---	43
Missouri.....	50,786	47,683	46,702	951	3,113	2,635	---	55	423
Montana.....	17,880	14,188	12,806	1,380	3,694	3,660	---	---	34
Nebraska.....	28,280	26,420	24,751	1,669	1,840	1,132	478	---	230
Nevada.....	4,313	3,329	3,001	328	984	884	---	---	100
New Hampshire.....	12,878	10,350	8,947	2,003	1,928	1,473	---	---	455

# HIGHER EDUCATION

New Jersey.....	12,281	12,154	12,031	123	127	66	32	29
New Mexico.....	13,795	10,791	10,252	539	3,004	2,924	68	12
New York.....	83,593	82,656	75,148	7,508	937	889		48
North Carolina.....	66,772	62,016	51,231	10,785	4,756	4,044	52	660
North Dakota.....	19,540	17,316	15,543	1,773	2,224	2,125	30	69
Ohio.....	101,823	77,498	9,822	14,563	14,563	14,564		350
Oklahoma.....	33,343	61,405	55,876	11,938	11,938	11,376	30	532
Oregon.....	34,306	29,151	3,945	1,630	1,630	1,351		279
Pennsylvania.....	36,776	36,293	36,196	97	483	420		63
Rhode Island.....	7,484	7,419	7,419		65	50		15
South Carolina.....	35,664	34,828	33,703	1,125	836	783		53
South Dakota.....	15,296	14,233	12,285	1,948	1,063	1,043		20
Tennessee.....	34,362	33,095	32,097	998	1,267	639		628
Texas.....	229,126	127,747	113,392	14,355	101,379	100,348		1,031
Utah.....	19,519	19,327	18,699	628	192	105	13	74
Vermont.....	10,385	5,870	5,854	16	4,515	2,261	1,432	131
Virginia.....	81,775	63,312	54,715	8,597	18,463	15,352	2,516	578
Washington.....	77,229	64,122	51,543	12,579	13,107	12,000	372	135
West Virginia.....	30,367	30,238	30,042	196	129	125		4
Wisconsin.....	76,256	70,578	61,102	9,476	5,678	5,416		262
Wyoming.....	17,073	13,738	10,679	3,059	3,335	3,268	16	51
District of Columbia.....	3,385	3,263	3,263		122	121		1
U. S. service academies.....	96,000	96,000	96,000					
<b>Outlying parts of the United States.....</b>	<b>21,624</b>	<b>19,332</b>	<b>16,895</b>	<b>2,437</b>	<b>2,292</b>	<b>2,252</b>	<b>3</b>	<b>37</b>
Alaska.....	1,247	1,243	1,221	22	4	1	3	
Canal Zone.....	500	500	500					
Hawaii.....	5,601	5,426	75	75	100	74		26
Puerto Rico.....	14,276	12,088	9,748	2,340	2,188	2,177		11

1 National total figures do not in every instance represent totals or individual State entries, as each entry in this table is independently rounded.





New Jersey.....	133,758	65,107	63,909	1,198	68,651	61,877	4,643	1,216	915
New Mexico.....	768,627	333,025	319,459	13,566	433,002	396,952	27,813	7,715	3,122
New York.....	143,729	64,353	60,852	3,501	79,376	64,296	11,899	2,343	838
North Carolina.....	2,900	1,410	1,410	1,400	1,400	1,320	150	20	20
North Dakota.....	188,438	87,914	80,319	6,495	101,424	84,215	2,883	5,210	9,116
Ohio.....	13,988	9,790	8,699	1,051	4,238	3,190	790	164	94
Oklahoma.....	15,280	9,370	8,965	405	5,910	5,506	48	238	118
Oregon.....	371,277	228,432	219,052	9,380	142,845	134,075	5,736	1,624	1,410
Pennsylvania.....	30,283	14,996	13,698	1,298	15,287	14,082	545	542	118
Rhode Island.....	25,749	17,618	16,923	695	8,131	7,426	551	10	144
South Carolina.....	6,533	3,629	3,609	20	2,904	2,660	82	47	115
South Dakota.....	103,588	42,347	39,870	2,477	61,241	54,484	4,470	1,670	617
Tennessee.....	110,210	55,076	51,859	3,217	55,134	51,574	2,042	748	770
Texas.....	5,002	4,514	4,346	168	488	395	32	4	57
Utah.....	11,087	5,747	5,711	36	5,340	5,241	5	32	62
Vermont.....	59,920	29,380	28,534	846	30,540	28,888	921	327	404
Virginia.....	16,916	13,266	11,537	1,729	3,650	3,457	63	61	89
Washington.....	9,059	5,056	3,855	1,201	4,003	3,942	632	13	48
West Virginia.....	41,129	28,209	24,749	3,460	12,920	11,872	632	181	235
Wisconsin.....	50,106	37,831	37,163	668	12,365	11,953	96	134	182
Wyoming.....	1,283	895	806	89	388	266	106	16	16
District of Columbia.....									
Outlying part of the United States.....									
Puerto Rico.....									

1 National total figures do not in every instance represent totals or individual State entries, as each entry in this table is independently rounded.



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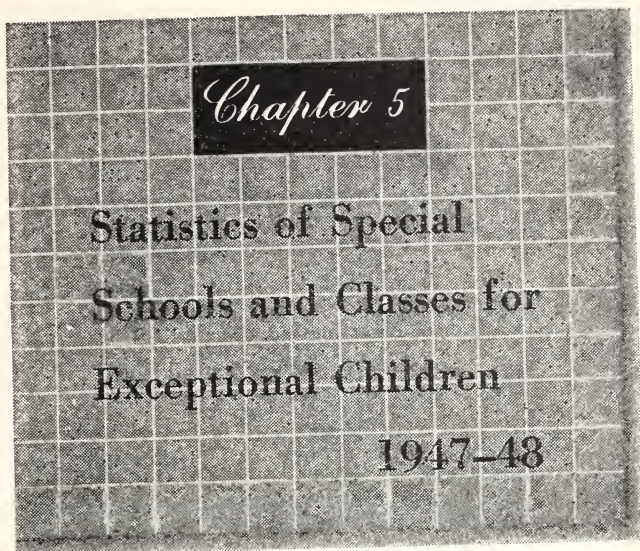
*Biennial Survey of Education in the United States—1946-48*

*Chapter 5*

Statistics  
of Special Schools  
and Classes for  
Exceptional Children

*1947-48*





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# CONTENTS

	Page
FOREWORD.....	IV
THE PICTURE AS A WHOLE.....	1
City school systems.....	1
Residential schools.....	2
The grand total.....	2
EXPLANATORY COMMENTS ON THE TABLES PRESENTED.....	3
ANALYSIS OF FINDINGS FOR CITY SCHOOL SYSTEMS.....	5
Special class enrollments in relation to total enrollment.....	5
Decreases for specific groups.....	5
Major increases.....	7
EXCEPTIONAL CHILDREN IN SECONDARY SCHOOLS.....	8
HOME AND HOSPITAL INSTRUCTION.....	8
SUMMARY.....	9

## TABLES

1. Historical summary of statistics reported for special schools and classes in city school systems.....	10
2. Historical summary of statistics for public and private residential schools for exceptional children.....	11
3. Distribution, by grade level and by type, of exceptional children enrolled in special schools and classes in city school systems, 1947-48.....	12
4. Summary for public and private residential schools for exceptional children and for special schools and classes in city school systems, 1947-48.....	13
5. Enrollment and teachers in special schools and classes for exceptional children in city school systems, 1947-48, by State and type of children.....	14
6. Children enrolled for home and hospital instruction in city school systems, 1947-48, by State and type of handicap.....	18
7. Enrollment and teachers in special schools and classes for exceptional children in city school systems, 1947-48, by city and type of children.....	20
8. Children enrolled for home and hospital instruction in cities of 30,000 or more population, 1947-48.....	76

# FOREWORD

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THIS CHAPTER of the Biennial Survey of Education is one of a series of periodic reports depicting the status of public education. The last previous chapter dealing with special schools and classes for exceptional children presented data for the year 1939-40. War and postwar emergencies have prevented such a study in the intervening years.

The present report deals for the most part with special schools and classes in city school systems. Data for residential schools are not given in detail, but are included in the totals, previous reports on such institutions issued in mimeographed form having given figures for individual schools. The information herein furnished for city school systems is for the year 1947-48; the data used for public and private residential schools are based on the year 1946-47.

For the sake of securing wider and prompter coverage, only the most essential data for city school systems were gathered. No information was requested in this study in the areas of administration and finance. It is expected that these will be explored in a future investigation.

HERBERT S. CONRAD,  
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# Statistics of Special Schools and Classes for Exceptional Children 1947-48

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## *The Picture as a Whole*

SPECIAL EDUCATION for exceptional children is an accepted part of the public-school system. As of 1948, 41 States had written on their statute books laws authorizing or requiring local school systems to provide special educational services for one or more types of children deviating seriously from what is supposed to be normal in physical, mental, or emotional characteristics. As of the same year, 34 States included in such laws provisions for financial assistance on the part of the State to help local school districts meet the extra cost of making special educational services possible. In 34 States there were persons on the staffs of State education departments designated as responsible for the guidance and supervision of the State-wide program of special education.<sup>1</sup>

## *City School Systems*

Such figures as those given above point to definite expansions in special education over recent years. Expansions on the part of the State are bound to be reflected in the programs of local school systems. The statistics herein given for city school systems for the year 1947-48 are evidence of the development that has taken place since 1940, when the last statistical report of this kind was issued by the Office of Education.<sup>2</sup> In that year there were 313,722 exceptional children of various types reported as enrolled for special educational services<sup>3</sup> in city school systems. In 1948 the total number so reported was 378,059.

Identical increases do not, of course, characterize every phase of special education. "Exceptional children" include the blind and the partially seeing, the deaf and the hard-of-hearing, the speech-defective, the crippled, the delicate, the epileptic, the mentally

<sup>1</sup> See Office of Education. *State Legislation for Education of Exceptional Children*, by Elise H. Martens and others. Washington, U. S. Government Printing Office, 1949. 61 p. (Bulletin 1949, No. 2.)

<sup>2</sup> Office of Education. *Biennial Survey of Education in the United States, 1938-40*, vol. 2, ch. 5. *Statistics of Special Schools and Classes for Exceptional Children*, by Elise H. Martens and Emery M. Foster. Washington, U. S. Government Printing Office, 1942. 199 p.

<sup>3</sup> Including home and hospital instruction.

deficient, the socially maladjusted, and also the extraordinarily gifted. The increases for some of these groups are larger than for others. For a few of them there appear to be actual decreases, and these will be discussed later in the interpretation of the data. But, as a whole, enrollments for special education of exceptional children in local school systems have increased during the past 10 years by more than 20 percent.

Even greater has been the increase in the number of city school systems reporting special educational services. In 1940 this number was 729. In 1948 it was 1,459, an increase of 100 percent over the 1940 figure. About a third of these cities, however, reported only home and hospital instruction, and only a few children were cared for in this way. Many cities, of course, particularly the smaller ones, find it necessary to make special provision for but a small number of children out of the total school population. The important point is that more and more school authorities are conscious of the needs of exceptional children and are doing what they can to make adjustment for them.

### ***Residential Schools***

The statistical data on educational services through residential schools do not show any such increase as that reported for local school systems. Wartime demands for the labor of handicapped persons were probably responsible for withdrawing from school many deaf, blind, and otherwise handicapped young people who might in normal times be enrolled in residential schools. Other factors may have contributed to the situation. In any event, the statistics gathered by the Office of Education, as well as those on record with the American Printing House for the Blind<sup>4</sup> and the Conference of Executives of American Schools for the Deaf,<sup>5</sup> show that fewer pupils with handicaps were being educated in residential schools in 1947 than in 1940. However, the figures of the last two agencies also show a slight upward trend for both the blind and the deaf during the years 1947 and 1948.

Other types of residential institutions for the handicapped include those for the mentally deficient, the epileptic, and the delinquent. All of these reported fewer pupils participating in educational programs in 1947 than in 1940.

### ***The Grand Total***

The total enrollment of exceptional children in both residential schools and special day schools and classes, as herein reported, is 441,820. This is the largest figure ever reported to the Office of Education. In 1940 it was 385,180.

<sup>4</sup> Figures furnished by courtesy of the American Foundation for the Blind.

<sup>5</sup> Figures printed annually in the January issue of the *American Annals of the Deaf*.



If the estimated number of exceptional children of school age, usually quoted as about 4,000,000, is correct, then we may conclude that about 11 percent of those requiring special educational services are receiving them through the medium of special schools and classes. No doubt many of the others are being adequately cared for in regular classes by capable and understanding teachers. But there is no doubt, either, that many exceptional children are still going without the special instruction they should have. Despite the growth that has taken place, special education needs to be developed much further before all who require it will be served.

### *Explanatory Comments on the Tables Presented*

The tables included in this statistical report are designed to show (1) a historical summary of statistics of special schools and classes for exceptional children (tables 1 and 2); (2) summary data for the United States as a whole for day schools and for residential schools (tables 3 and 4); (3) data for each State by type of exceptional children (tables 5 and 6); (4) data for each type of exceptional children for whom special schools and classes in city school systems<sup>6</sup> are in operation (tables 1, 3, 4, 5, 7); (5) data on home and hospital instruction (tables 6 and 8).

The following items should be kept in mind in the study and use of the data presented:

1. The cities asked to report comprise all those with a population of 2,500 or more. Data for villages of less than 2,500 are not included except in the case of localities which were reported as constituent parts of a county unit system or were otherwise included in the report of an entire county.

2. Of all the cities in the Federal census with a population of 2,500 or more, reports were received for 3,203, or 89 percent. Of cities with a population of 30,000 or more, data were received from 98 percent. It can be said, therefore, that this report represents a comprehensive coverage of the cities invited to participate.

3. The purpose of the study was twofold: (1) to find out how many exceptional children are receiving special educational services through either full-time or part-time instruction of a specialized nature; (2) to find out how many city school systems and residential school systems are offering such special instruction. All types of exceptional children are included as defined on pages 1 and 2.

4. All special classes and other types of special educational services are reported as belonging to the school district in which the instruction

<sup>6</sup> Data for individual residential schools are available in mimeographed form upon request, addressed to the Office of Education, Washington 25, D. C.

is offered. Other neighboring districts may send pupils to these classes, but the names of such districts do not appear in the tables.

5. The teachers reported include both full-time and part-time teachers. Each such teacher is counted as one teacher, when so reported by the city school system.<sup>7</sup> Only a few cities reported fractional teacher time.

6. Private organizations sometimes furnish a teacher who, while carrying on a day school program, is not working under public-school auspices or supervision. The enrollments of exceptional children in such classes do not appear in the figures given. The report for day schools is limited to the statistics of special schools and classes which are under the supervision of local boards of education and can therefore be reported by them, even though some other agency may meet the cost.

7. Remedial classes for the purpose of helping children who have special difficulties in a particular subject are not included. Neither are classes that are designed to help children make up work after they have been out of school; or clinical cases referred for child guidance or visiting teacher assistance. All these are important school services. They do not, however, come under the category of special instruction for exceptional children.

8. It has not been possible to specify in the summary tables the total number of partially seeing children as distinct from the number of blind children in day schools, since separation was not made in all cases by the school systems reporting. For the same reason, the total number of deaf pupils cannot be indicated separately from the number of hard of hearing. In the detailed table, however (table 7), classification is made wherever it appeared in the reports submitted.

9. The terms "crippled" and "delicate" are not always defined in the same way. For purposes of this report, the former includes all types of crippling conditions affecting the bones or joints. The cerebral-palsied are also considered as belonging to this category. "Delicate" children include those with heart ailments, tuberculosis, asthma, malnutrition, chorea, and other special health problems, unless they are covered in some other category by the reporting city. The varying practices in classification among local school systems are bound to affect the way in which such children are reported.

10. No distinction has been made in this report between *special classes within a school* and *special schools organized as separate units*.

<sup>7</sup> No attempt was made to compute the number of teachers on the basis of the percentage of time devoted to special education. The figures on this item in this report, therefore, are not strictly comparable to those appearing in the 1940 report, in which decimal fractions of teacher time were considered more generally.

Both types of programs are used. The former is more likely to be the prevailing practice in small cities. In large cities one finds both special classes and special schools. In requesting data, the center of interest was the number of children served rather than the type of organization followed.

11. In every statistical report, possible errors and omissions in data as submitted must be taken into account. The Office of Education can compile only the data which are submitted to it by local school systems. Interpretation of the data must be made in terms of all the information available. Local school systems and residential schools have been most cooperative, but there may still be gaps or mistakes which have not been discovered. On the whole, however, the coverage is the most nearly complete that has yet been attained, and it is believed that the data are a reasonably accurate representation of present conditions.

### *Analysis of Findings for City School Systems*

#### *Special Class Enrollments in Relation to Total Enrollment*

Every statistical development with reference to a particular segment of the school population must be studied in relation to developments in the school population as a whole. The total population of public elementary and secondary day schools in the United States actually decreased from 25,433,542 in 1940 to 23,659,158 in 1947.<sup>8</sup> This is a *decrease* of practically 7 percent. Yet in the same period of time the total number of exceptional children in special schools and classes *increased* by more than 20 percent.

#### *Decreases for Specific Groups*

One should, however, consider not only the total enrollment in all types of special classes, but also the trends for specific groups. Here some interesting facts are revealed. There are three groups for which, according to table 1, there is an apparent decrease in enrollment since 1940: The visually handicapped, the delicate, and the mentally deficient. Yet, when one takes into consideration the decrease in the total school population, one of these decreases (for the visually

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<sup>8</sup> FROM Statistics of State School Systems, 1946-47, by David T. Blöse. Washington, D. C., Office of Education, 1949. (Circular No. 255,.) This is the latest year for which total school population figures are as yet available. Since that time there seems to have been an upward swing, due to the influx of children born during the war.

handicapped) disappears entirely,<sup>9</sup> and the other two are materially lessened.<sup>10</sup>

However, even these decreases should be interpreted, and this can be done without much difficulty. With regard to so-called "delicate" children, as well as epileptic children, much emphasis has been placed in recent years upon the importance of meeting the requirements of most children with special health problems through the adjustment of the regular classroom program. Special classes are reserved only for extreme cases. It is also possible that the varying local practices in classifying "crippled" and "delicate" children, and in some cases of including "delicate" children among the "crippled," would result in some questionable totals. When one combines "crippled" and "delicate," one finds an enrollment of 52,576 in 1940 and 49,736 in 1948. The difference is 2,840, representing a decrease of only 5 percent. Compared with a decrease of 7 percent in the total school population, this is still in effect an *increase* for these two groups combined.

It remains, therefore, only to explain the decrease in the enrollment in special classes for the mentally deficient. As indicated above, when one considers developments in total school enrollment, this decrease has been reduced considerably and might easily be caused by a combination of extraneous factors. The acute shortage of teachers in the postwar years would perhaps first of all affect special classes for the mentally retarded, since, by assigning a group of 15 or 18 children of different ages to various regular classroom teachers, the class could be eliminated.<sup>11</sup>

Coupled with this factor is the educational philosophy held by some that in the modern school program the capable classroom teacher should be able to care for children of varying levels of ability, including even the mentally retarded, and that special classes should be minimized from the point of view of child growth and development.

<sup>9</sup> 1940 enrollment=8,875

1948 enrollment=8,276

Decrease=599, or 6.7 percent.

But the school population as a whole has decreased 7.0 percent; therefore a corresponding decrease in any one of the groups of exceptional children might be expected.

<sup>10</sup> For delicate children:

1940 enrollment..... 26,792

1948 enrollment..... 19,189

Decrease..... 7,603

Expected decrease..... 1,869

Net decrease..... 5,734

For mentally deficient:

1940 enrollment..... 98,416

1948 enrollment..... 87,179

Decrease..... 11,237

Expected decrease..... 6,866

Net decrease..... 4,371

In each case, the "expected decrease" is the decrease to be expected on the basis of the decrease in total enrollment of all public-school children from 1940 to 1947; this decrease, as previously noted, amounted to 7.0 percent of the 1940 enrollment. In respect to total public-school enrollment, the year 1947 is used instead of 1948, because 1947 is the latest year for which data were available at the time of the present report. Cf. p. 5.

<sup>11</sup> A number of reports indicated that plans were under way to restore classes once organized or to establish new ones.



This philosophy may have influenced some administrators (1) to restrict enrollments in special classes to the most serious cases or (2) to discontinue the program altogether. The very fact that there has been a substantial increase in the number of cities reporting special classes for mentally retarded children (from 565 in 1940 to 730 in 1948) would support the former of these two theses. Apparently many more school systems are recognizing the value of such classes for seriously retarded children who cannot possibly make progress in large unselected groups, but for slow-learning children with a less serious degree of retardation appropriate adjustments are being made as far as possible in regular classes.

A recent report of the National Education Association<sup>12</sup> would give further support to this thesis. In a study of trends in city school organization it was found that 44 percent of the cities studied reported that "ungraded" classes were "on the way IN"; only 6 percent reported that they were "on the way OUT." "Ungraded" classes in city school practice are predominantly classes for slow-learning or mentally retarded pupils. In the report referred to, they are differentiated from "remedial" classes and from classes formed on the basis of ability grouping.

### *Major Increases*

The largest increases in enrollment occurring since 1940 are with the speech handicapped, the socially maladjusted, and the gifted. Speech correction has had growing emphasis in teacher-education institutions and in clinics, as well as in public-school systems. It is not surprising that the total number of children being given speech-correction services has grown by more than 40 percent, and that 3 times as many cities reported services of this kind in 1948 as in 1940.

Classes for socially maladjusted have also grown in number, perhaps owing to increasing attention to problems of early delinquent behavior. The increase in enrollment since 1940 is 50 percent, and the number of cities reporting such classes has increased from 50 to 93.

Upon first appearance, the increase in the enrollment in special classes for gifted children (as given in table 1) is startling, but an examination of table 7 will reveal immediately what the situation is. In 1940, 12 cities reported 3,255 children enrolled in special schools and classes for gifted children. New York City was not in the group reporting. In 1948, 15 cities, including New York, reported 20,712 children enrolled in such schools and classes. Of these, 18,043 were in New York, and more than 16,000 of them were reported as enrolled in secondary schools. New York City has recently established several

<sup>12</sup> Trends in City School Organization, 1938 to 1948. Washington, D. C., National Education Association 1949. 39 p. (Research Bulletin, vol. 27, No. 1, February 1949.)



high schools for those who are specially gifted in particular areas, and all of them have large enrollments. These raise the totals to a very great extent.

### *Exceptional Children in Secondary Schools*

There has been a consistent growth in the provisions made by secondary schools for exceptional children. In 1938, there were 20,935 mentally and physically handicapped pupils reported as enrolled in special groups on this level. In 1940 a corresponding figure was 24,017. By 1948, it had become 33,854.<sup>13</sup>

The greatest developments in this direction have been with the crippled, the mentally deficient, and speech-defectives. All handicapped children become handicapped adolescents unless they are affected by a condition which is curable. Whatever can be done during the elementary school years to eliminate or alleviate the handicap is, of course, of utmost importance, but there will still be many whose handicap continues into the high school. The high school is becoming more sensitive to its responsibility to serve this group according to their needs.

### *Home and Hospital Instruction*

Another striking increase is found in the number of pupils receiving instruction in their own homes or in the hospital because of a physical condition which prevents them from going to school. From 14,304 in 1936 and 16,909 in 1940, the number has grown to 24,326 in 1948. Both elementary and secondary fields are included. This speaks well for the increasing acceptance of responsibility on the part of city school systems for all educable children, whether or not they are able to attend school. Whether some of those now being instructed at home *could* attend school *if transportation and other suitable facilities were provided* is another question. Home instruction, however excellent, can never quite take the place of group experiences in the classroom and, it is conceded, should be used only as a last resort.

<sup>13</sup> Excluding the gifted. See table 3.

## Summary

In 1948, 378,059 children needing special attention because of a marked deviation from normal were receiving instruction in special day schools or classes, in the hospital, or at home. The children were reported by 1,459 different cities located in 47 States, the District of Columbia, and the Territory of Hawaii. When to these are added 63,761 children in 454 public and private residential schools (as of 1947), the total becomes 441,820. This is the largest number of children in such schools and classes that has ever been reported. Yet it represents only about 11 percent of the estimated number of exceptional children for whom some special educational adjustment should be made.

These 441,820 children were served by 16,234 teachers, 10,308 of whom were in day schools and 5,926 in residential schools. In addition to these teachers of special classes, many regular classroom teachers are no doubt doing excellent work in adjusting the school program and the curriculum to meet the needs of exceptional children. What their actual number is or how many children they serve cannot be easily determined.

In interpreting this statistical summary, one must keep in mind that special education for exceptional children is not a watertight compartment of the school program. Special classes for the handicapped are not isolated or even separated groups. Opportunities are deliberately planned for work and play with normal children to the extent to which both groups can profit by such association. One group of exceptional children may meet only a half day (or only a half hour per day) for special instructional services, and join with other children in regular classroom activities the rest of the day. Another group may need to be with a special teacher all day long.

Under existing school organization, adjustment in special groups may thus take a variety of forms. Local conditions determine local programs, and no situation in a particular city or State can arbitrarily set the pattern for every other city or State. The essential thing is that each city or State determine its own problem, appraise its own needs, and set about discharging its responsibility toward exceptional children.

Table 1.—Historical summary of statistics reported for special schools and classes in city school systems <sup>1</sup>

Year	Number of—			Year	Number of—		
	States reporting	Cities reporting	Pupils reported		States reporting	Cities reporting	Pupils reported
1	2	3	4	1	2	3	4
<b>BLIND AND PARTIALLY SEEING</b>				<b>DELICATE</b>			
1922.....	12	44	( <sup>2</sup> )	1930 <sup>4</sup> .....	27	81	19,153
1927.....	18	80	4,465	1932.....	28	135	24,020
1932.....	20	95	5,308	1936.....	30	150	23,517
1936.....	27	161	7,251	1940.....	27	166	26,792
1940.....	28	181	8,875	1948.....	<sup>3</sup> 43	550	19,189
1948.....	<sup>3</sup> 34	265	8,276	<b>EPILEPTIC</b>			
<b>DEAF AND HARD-OF-HEARING</b>				1940 <sup>4</sup> .....	13	33	499
1922.....	16	74	2,911	1948.....	21	65	390
1927.....	22	83	3,515	<b>MENTALLY DEFICIENT</b>			
1932.....	24	116	4,434	1922.....	23	133	23,252
1936.....	31	168	9,318	1927.....	32	218	51,814
1940.....	30	168	13,478	1932.....	39	483	75,099
1948.....	<sup>3</sup> 40	288	14,082	1936.....	43	643	99,621
<b>SPEECH-DEFECTIVE</b>				1940.....	42	565	98,416
1932 <sup>4</sup> .....	( <sup>2</sup> )	( <sup>2</sup> )	22,735	1948.....	<sup>3</sup> 47	730	87,179
1936.....	22	123	116,770	<b>SOCIALLY MAL-ADJUSTED</b>			
1940.....	29	144	126,146	1930 <sup>4</sup> .....	20	44	9,543
1948.....	40	455	182,344	1932.....	24	58	14,354
<b>CRIPPLED</b>				1936.....	20	45	12,653
1930 <sup>4</sup> .....	22	81	13,120	1940.....	25	50	10,477
1932.....	24	145	16,166	1948.....	25	90	15,340
1936.....	30	301	24,865	<b>MENTALLY GIFTED</b>			
1940.....	31	356	25,784	1932 <sup>4</sup> .....	( <sup>2</sup> )	( <sup>2</sup> )	1,834
1948.....	<sup>3</sup> 48	960	30,547	1936.....	9	14	3,009
				1940.....	9	12	3,255
				1948.....	11	15	20,712

<sup>1</sup> Figures include home and hospital instruction.<sup>2</sup> Data not available.<sup>3</sup> Includes the Territory of Hawaii.<sup>4</sup> Previous data not available.

Table 2.—Historical summary of statistics for public and private residential schools for exceptional children

Year	Number of—			Year	Number of—		
	States reporting <sup>1</sup>	Schools reporting <sup>2</sup>	Pupils reported <sup>3</sup>		States reporting <sup>1</sup>	Schools reporting <sup>2</sup>	Pupils reported <sup>3</sup>
1	2	3	4	1	2	3	4
BLIND				MENTALLY DEFICIENT			
1922.....	40	49	4,666	1936.....	47	130	21,889
1927.....	42	52	5,283	1940.....	47	105	21,883
1931.....	41	55	5,530	1947.....	47	140	21,562
1936.....	43	57	5,921	EPILEPTIC			
1940.....	42	52	5,947	1940.....	( <sup>4</sup> ) 10	( <sup>4</sup> ) 10	1,117
1947.....	43	56	5,235	1947.....			1,096
DEAF				DELINQUENT			
1922.....	44	76	11,454	1936.....	50	155	31,418
1927.....	45	77	13,966	1940.....	51	144	29,384
1931.....	46	84	14,890	1947.....	51	167	22,745
1936.....	47	81	15,505				
1940.....	47	81	14,815				
1947.....	47	81	13,123				

Total number of children (all types), 1946-47: Continental United States 63,137; outlying parts of the United States, 624.

<sup>1</sup> Includes the District of Columbia, Territory of Hawaii, and Puerto Rico.

<sup>2</sup> If departments for Negroes were reported as separate schools, they were so treated in this column.

<sup>3</sup> Includes only children enrolled for school work, not the total number of children in residence.

<sup>4</sup> Data not available.

**Table 3.—Distribution, by grade level and by type, of exceptional children enrolled in special schools and classes in city school systems, 1947-48**

Type	Enrollment											
	In schools or classes			Home instruction			Hospital instruction			Total		
	Elementary grades	Secondary grades	Total	Elementary grades	Secondary grades	Total	Elementary grades	Secondary grades	Total	Elementary grades	Secondary grades	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Blind and partially seeing.....	6,924	1,321	8,245	25	4	29	2	-----	2	6,951	1,325	8,276
Deaf and hard-of-hearing.....	11,893	2,171	14,064	16	2	18	-----	-----	-----	11,909	2,173	14,082
Speech-defective.....	173,246	9,062	182,308	27	6	33	3	-----	3	173,276	9,068	182,344
Crippled.....	13,298	1,224	14,522	6,003	1,581	7,584	7,521	920	8,441	26,822	3,725	30,547
Delicate.....	10,516	599	11,115	4,385	804	5,189	2,422	463	2,885	17,323	1,866	19,189
Epileptic.....	319	5	324	48	18	66	-----	-----	-----	367	23	390
Mentally deficient.....	74,624	12,518	87,142	36	-----	36	1	-----	1	74,661	12,518	87,179
Truants or behavior problems.....	12,151	3,150	15,301	33	6	39	-----	-----	-----	12,184	3,156	15,340
Mentally gifted.....	4,080	16,632	20,712	-----	-----	-----	-----	-----	-----	4,080	16,632	20,712
<b>Total.....</b>	<b>307,051</b>	<b>46,682</b>	<b>353,733</b>	<b>10,573</b>	<b>2,421</b>	<b>12,994</b>	<b>9,949</b>	<b>1,383</b>	<b>11,332</b>	<b>327,573</b>	<b>50,486</b>	<b>378,059</b>



Table 4.—Summary for public and private residential schools for exceptional children and for special schools and classes in city school systems, 1947-48<sup>1</sup>

Item	Blind and partially seeing	Deaf and hard-of-hearing	Speech-defective	Crippled	Delicate	Epileptic	Mentally deficient	Truants or behavior problems	Mentally gifted	Total
1	2	3	4	5	6	7	8	9	10	11
Number of public and private residential schools <sup>2</sup>	56	81	-----	-----	-----	10	140	167	-----	454
Number of city school systems reporting enrollment in special classes <sup>3,4</sup>	265	288	455	960	550	65	730	90	15	1,459
Teachers:										
Public and private residential schools <sup>2</sup>	<sup>5</sup> 935	2,030	-----	-----	-----	54	1,208	1,699	-----	5,926
City school systems <sup>3</sup>	659.1	703.6	1,255.6	1,018.8	454	15	4,970.3	609.5	628	10,307.9
<b>Total</b> .....	<b>1,594.1</b>	<b>2,733.6</b>	<b>1,255.6</b>	<b>1,018.8</b>	<b>454</b>	<b>69</b>	<b>6,178.3</b>	<b>2,308.5</b>	<b>628</b>	<b>16,233.9</b>
Enrollment:										
Public and private residential schools <sup>2</sup>	5,235	13,123	-----	-----	-----	1,096	21,562	22,745	-----	63,761
City school systems <sup>3,4</sup>	8,276	14,082	182,344	30,547	19,189	390	87,179	15,340	20,712	378,059
<b>Total</b> .....	<b>13,511</b>	<b>27,205</b>	<b>182,344</b>	<b>30,547</b>	<b>19,189</b>	<b>1,486</b>	<b>108,741</b>	<b>38,085</b>	<b>20,712</b>	<b>441,820</b>

<sup>1</sup> Figures for residential schools are for 1946-47.<sup>2</sup> Includes District of Columbia, Territory of Hawaii, and Puerto Rico.<sup>3</sup> Includes District of Columbia and Territory of Hawaii.<sup>4</sup> Includes home and hospital statistics.<sup>5</sup> Twelve teachers for both blind and deaf children appear only in the total for the blind.

Table 5.—Enrollment and teachers in special schools and classes for exceptional children in city school systems, 1947-48, by State and type of children

[Where no teachers are indicated, children were reported taught by teachers listed for another group. See table 7 for details]

State or outlying part †	Blind		Partially seeing		Deaf		Hard-of-hearing		Speech-defective		Crippled		Teachers					
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—							
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total</b> .....	415	117	54.7	6,599	1,204	694.4	3,271	299.1	8,622	1,863	434.5	173,246	9,062	1,255.6	13,296	1,224	1,018.8	
Alabama.....																		
Arizona.....				12		1							50					
Arkansas.....							1						246	15				
California.....	57	34	11	342	176	34	394	45	41	1,748	566	60	29,083	1,881	132	1,241	221	112.5
Colorado.....																		
Connecticut.....				33	34	5							450	22	4	80		7
Delaware.....							8		1	57		1	161	5	2			
Florida.....				110		9	46		5	201	14	3	1,078	146	12	251	25	31
Georgia.....	5		1	10		1							147	116	5			
Idaho.....																		
Illinois.....	52	30	11	737	90	81	63	2	7	610	120	60	20,598	521	145	2,110	500	189
Indiana.....				126	22	0	1			662	207	17	3,851	195	32	463	52	33
Iowa.....				18	4	1	20			120	33	4	864	35	15.5	72	17	15
Kansas.....				12		1	15			217		1	307	123	5			
Kentucky.....				97		7	34		3							81		4
Louisiana.....	5		1	79	13	7	6		1	1			3,739	5	11	54		6
Maine.....				13		1	6			25	8	2	4		1	28		4
Maryland.....				89		6	41		4	50	2	5	1,400		10	274	56	18
Massachusetts.....				291	19	30	163	5	25	1,009	235	28	5,339	104	42.4	32	6	3
Michigan.....	58		2	710		64.5	937		3.5			66.5	18,365		86.5	1,879		91
Minnesota.....	19	6	1	142	136	26.1	72	15	4.5	66	28	16.2	1,919	285	23	330	36	24.6
Mississippi.....																		
Missouri.....				78	6	6	70	1	10	131		6	2,936	58	20	373	22	30
Montana.....																		
Nebraska.....							3			15		2	255		1	24		3

Nevada.....	1	126	1	4	12	59	4	126	1	383	19	3
New Hampshire.....	3	55	5	8	73	233	8	6,078	27.5	6	100	99
New Jersey.....	52	132	6	98	18	498	24.5	35,667	413.5	21	2	3
New Mexico.....	8	1,550	383	144.5	421	169	54	12	1	1,205	6	1
New York.....	82	24	11	1	1	1	1	12	1	1	2	3
North Carolina.....	35	3	3	3	3	3	3	3	3	3	3	3
North Dakota.....	31	14	5.4	833	174	45.1	24	3,254	33	1,149	35	73.2
Ohio.....	31	14	5.4	833	174	45.1	24	3,254	33	1,149	35	73.2
Oklahoma.....	32	3	1.3	40	2	2.5	1	1,350	20	69	8	10
Oregon.....	32	3	1.3	40	2	2.5	1	1,350	20	69	8	10
Pennsylvania.....	296	42	29	117	8	12	52	18,638	63	940	4	49
Rhode Island.....	11	19	2	1	1	1	1	2,640	7	5	6	1
South Carolina.....	10	1	1	1	1	1	1	23	1	1	1	1
South Dakota.....	1	1	1	1	1	1	1	72	4	10	1	1
Tennessee.....	88	6.5	6.5	1	1	1	1	171	5	133	21	10.5
Texas.....	255	7	3	39	1	3	459	2,703	30	475	25	53
Utah.....	6	6	6	6	6	6	6	26	6	6	6	6
Vermont.....	56	31	8	20	2	18	2	36	1	34	1	2
Virginia.....	81	18	8.3	71	13	10	245	1,642	64	127	13	21
Washington.....	81	18	8.3	71	13	10	245	1,642	64	127	13	21
West Virginia.....	7	1	1	116	7	10	133	717	74	11	46	48
Wisconsin.....	7	1	1	116	7	10	133	8,707	30	46	46	48
Wyoming.....	12	2	2	36	3	3	31	109	6	109	6	6
District of Columbia.....	12	2	2	36	3	3	31	109	6	109	6	6
Territory of Hawaii.....	1	2	2	43	14	9.5	54	13.5	3	10	2	1

†For other groups of exceptional children and totals for these States see pages 10-17.  
See footnotes at end of table, page 75.

Table 5.—Enrollment and teachers in special schools and classes for exceptional children in city school systems, 1947-48, by State and type of children—Continued

State or outlying part †	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total cols. 2-34							
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—							
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Teachers					
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
<b>Total</b>	10,516	599	454	319	5	15	74,624	12,518	4,970.3	12,151	3,150	609.5	4,080	16,632	622	307,051	246,682	10,307.9
Alabama	.....	.....	.....	.....	.....	.....	190	60	13	.....	.....	.....	127	20	5	424	90	22
Arizona	.....	.....	.....	.....	.....	.....	46	.....	3	.....	.....	.....	.....	.....	.....	316	15	8
Arkansas	8	.....	.....	.....	.....	.....	6	.....	1	8	.....	.....	.....	.....	.....	34	.....	2
California	3,734	333	63	1	.....	.....	7,287	1,706	489	1,651	1,411	184	338	139	11	45,876	6,512	1,137.5
Colorado	.....	.....	.....	.....	.....	.....	30	.....	1	.....	.....	.....	.....	.....	.....	261	.....	11
Connecticut	140	.....	5	.....	.....	.....	987	99	67	.....	.....	.....	.....	.....	.....	1,746	155	90
Delaware	.....	.....	.....	.....	.....	.....	81	50	7	.....	.....	.....	.....	.....	.....	307	55	11
Florida	4	.....	.....	17	1	.....	361	277	39	.....	.....	.....	.....	.....	.....	2,068	462	100
Georgia	.....	.....	.....	.....	.....	.....	151	169	13	23	14	6	.....	.....	.....	336	299	26
Idaho	.....	.....	.....	.....	.....	.....	102	.....	8	.....	.....	.....	.....	.....	.....	102	.....	8
Illinois	.....	357	14	1	.....	.....	4,265	.....	294	7,044	1,394	252.5	.....	.....	.....	35,479	2,657	1,039.5
Indiana	102	20	1	.....	.....	.....	1,457	80	72	.....	.....	.....	.....	.....	.....	6,918	556	177
Iowa	.....	.....	.....	.....	.....	.....	921	479	86	49	.....	2	.....	.....	.....	2,163	688	125.5
Kansas	.....	.....	2	.....	.....	.....	201	96	18	.....	.....	.....	.....	.....	.....	2,775	219	28
Kentucky	.....	.....	.....	.....	.....	.....	617	.....	27	.....	.....	.....	.....	.....	.....	829	.....	41
Louisiana	.....	.....	.....	.....	.....	.....	286	.....	18	177	.....	5	.....	.....	.....	4,347	18	49
Maine	51	.....	2	.....	.....	.....	58	.....	3	.....	.....	.....	.....	.....	.....	4,387	8	13
Maryland	.....	.....	.....	.....	.....	.....	3,086	.....	157	.....	.....	.....	.....	.....	.....	4,910	58	200
Massachusetts	55	.....	5	.....	.....	.....	4,864	620	368	118	.....	9	780	44	34	12,741	1,053	544.4
Michigan	178	.....	.....	225	12	.....	5,083	.....	297	.....	.....	.....	89	.....	.....	28,811	626	626
Minnesota	109	.....	7	.....	.....	.....	1,545	436	131.7	.....	.....	.....	.....	.....	.....	4,202	942	234.1
Mississippi	.....	.....	.....	.....	.....	.....	49	.....	2	.....	.....	.....	.....	.....	.....	49	.....	2
Missouri	341	.....	25	.....	.....	.....	1,788	.....	97	140	.....	7	.....	.....	.....	5,857	87	201
Montana	.....	.....	.....	.....	.....	.....	16	.....	1	3	.....	.....	.....	.....	.....	19	.....	2
Nebraska	.....	.....	.....	.....	.....	.....	245	.....	13	.....	.....	.....	.....	.....	.....	542	.....	24





Table 6.—Children enrolled for home and hospital instruction in city school systems, 1947-48, by State and type of handicap

State or outlying part of the United States	Home instruction						Hospital instruction					
	Crippled		Delicate		Epileptic		Crippled		Delicate		Total	
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total 1</b>	<b>6,140</b>	<b>1,599</b>	<b>4,385</b>	<b>804</b>	<b>48</b>	<b>18</b>	<b>12,994</b>	<b>7,527</b>	<b>920</b>	<b>2,422</b>	<b>463</b>	<b>11,332</b>
Alabama.....	1						1	263	41			304
Arizona.....	16	3	6				25	43	1	26		16
Arkansas.....	1,247	348	432	99	25	7	2,159	457	113	104	54	728
California.....	64		69				133			2		2
Colorado.....	99	17	84	9	1		210	258		10	3	271
Connecticut.....	5		12				17					
Delaware.....	117		3				120	148	45			193
Florida.....	4		5				9	224	45			269
Georgia.....	1	1					2		1			1
Idaho.....												
Illinois.....	299	13					312	122	38	38	5	203
Indiana.....	262	59	16	8			335	266	3	230	17	516
Iowa.....	135	48	43	20	5		251	42	3			46
Kansas.....	3	1	3				7	6				6
Kentucky.....	114		15				129	131		8		139
Louisiana.....	30	1					31	86		528		614
Maine.....	30		25		2	1	59	42		9		51
Maryland.....	92	14	60	4			200	80	2	23		105
Massachusetts.....	381	114	901	162	1		1,569	61	9	124	41	235
Michigan.....	121		469				590	1,928		83		2,016
Minnesota.....	34	14	9				57	32	19	1		52
Missouri.....	51	4	16				71	166	17	77		260
Montana.....	4	2	2	1			9	11		11		11
Nebraska.....	59	4	4				63	82				82
Nevada.....	21						21					
New Hampshire.....	67	5	4				76	2				2
New Jersey.....	322	98	196	48	3		637	97	35	46	8	186
New Mexico.....	30	6	2	11		1	50	35	16	16		67
New York.....	512	309	742	239			1,802	917	90	532	118	1,666
North Dakota.....	4		2				6	1	2			3

Ohio.....	564	147	108	27	1	4	851	447	48	19	5	519
Oklahoma.....	8	2	2	1	1	11	11	14	10	153	14	14
Oregon.....	162	63	48	20	2	2	297	170	5	18	8	333
Pennsylvania.....	212	42	504	56	4	188	814	26	4	4	45	57
Rhode Island.....	109	21	54	4	4	43	188	41	19	30	171	150
South Carolina.....	7	5	27	4	4	4	43	19	9	51	63	63
South Dakota.....	1	2	1	1	1	170	4	141	6	30	1	171
Tennessee.....	157	13	13	1	1	168	90	90	6	5	150	150
Texas.....	103	6	58	1	2	145	145	52	28	107	1	359
Utah.....	64	27	43	9	1	260	260	223	301	73	117	927
Virginia.....	68	4	179	8	2	438	438	436	7	84	2	122
Washington.....	106	95	110	35	1	133	116	116	6	21	2	348
West Virginia.....	122	9	22	1	1	227	227	256	6	6	6	348
Wisconsin.....	137	46	23	1	2	238	6	6	7	84	2	348
Wyoming.....	6	71	40	38	2	3	238	6	7	20	83	131
District of Columbia.....	84	4	1	1	1	10	10	21	7	20	83	131
<b>Outlying Part of the United States</b>												
Hawaii.....	5	4	1	1	1	10	10	21	7	20	83	131

<sup>1</sup> The totals for crippled include 30 blind and partially seeing, 18 deaf and hard-of-hearing, 36 speech-defective, 37 mentally deficient, 39 behavior problems, and an unspecified number of delicate children who were not reported separately. The totals for delicate include some children with undesignated handicaps. See table 8 for details.





Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total (cols. 2-34)								
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—								
	Ele-mentary grades	Sec-ondary grades	Ele-mentary grades	Sec-ondary grades	Ele-mentary grades	Sec-ondary grades	Ele-mentary grades	Sec-ondary grades	Ele-mentary grades	Sec-ondary grades	Ele-mentary grades	Sec-ondary grades	Teach-ers						
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
<b>Total</b>	<b>10,516</b>	<b>599</b>	<b>454</b>	<b>319</b>	<b>5</b>	<b>15</b>	<b>74,624</b>	<b>12,518</b>	<b>4,970.3</b>	<b>12,151</b>	<b>3,150</b>	<b>609.5</b>	<b>4,080</b>	<b>16,632</b>	<b>622</b>	<b>307,051</b>	<b>46,682</b>	<b>10,307.9</b>	
ALABAMA																			
Athens IV													25	20	2	25	20	2	
Birmingham I							190	60	13				102		3	347	60	17	
Homewood IV																41	10	2	
Mobile II																11		1	
ARIZONA																			
Phoenix II							46		3								268	15	4
Tucson II																	58		4
ARKANSAS																			
Little Rock II	8		(2)				6		31	8									2
CALIFORNIA																			
Alameda II							15	12	2								98	12	4
Albany III							9		1								200	4	4
Alhambra II							29		2								560	28	6
Arcadia IV										28							180		1
Bakersfield III																	242		5
Berkeley II	59		2				42		3								371	197	7
Barbark II							32	22	5								32	22	5
Burlingame III																	132		4
Chico IV																	330		2
Chula Vista IV	6		(1)	1		(2)	14		1								380		2
Compton III																	1,005		6



Corona IV												12						12				
Culver City IV												11							234			
Dinuba IV												18							94			
El Monte III												18							546			
El Segundo IV																			28			
Fillmore IV																			121			
Fort Bragg IV												26							26			
Fresno II												71							1,271			
Glendale II												95							185			
Hanford IV												23							736			
Hayward IV																			227			
La Mesa IV												15							282			
Lodi III												15							15			
Long Beach I												66							861			
**Los Angeles I	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	4,230	6	221	676	1,343	128	239	9	10,149			2,480
Lynwood III											68								668			
Madera IV																			339			
Modesto III											18								6			
Monterey II											20								43			
Monterey III											52								34			
Napa IV											90	145	5						336			
Napa V											20								52			
Oakdale IV											20								374			
Oakland I											362	488	48						334			
Oxnard IV																			5,402			1,514
Palo Alto III											18								13			
Pasadena II											28	34							498			40
Petaluma IV											14								1,255			105
Piedmont IV																			233			7
Pomona III																			37			
Porterville IV											44	4							310			4
Redondo Beach III											15								68			
Reedley IV											42								1			
Richmond III																			48			
Riverside II											25								488			81
Roseville IV																			46			
Sacramento I											124								707			5
San Anselmo IV																			138			
San Bernardino II																			1,815			32
San Carlos IV											10	32	2						173			
San Francisco I											600								2,818			110
San Gabriel III											717	540	74						4,524			555
San Jose II											119								169			
San Leandro III																			2,140			162
San Marino IV																			164			
San Mateo III																			316			10
Sanger IV																			596			3.5
Santa Ana II																			63			8
Santa Barbara II											23								8			
Santa Maria IV											14	13							538			3
Santa Monica II											72								1,261			124
Santa Monica II											18	20							72			4
																			55			36

†For other groups of exceptional children in these cities see pages 20-21.

See footnotes at end of table, page 75.



East St. Louis II.....									1	148					2		6	1
Edwardsville IV.....										120					3		10	1
Elgin II.....	22									274					2		21	2
**Emburst III.....										167					5			
**Evanston II.....	9							7		413				91				
Franklin Park IV.....										90					1		17	1
Freeport III.....	10									180					2		28	2
Galesburg III.....										81					1			1
Geneva IV.....										80					1			1
Glencoe IV.....																		
**Granite City III.....	15									75					1		17	1
Harrisburg III.....										131					2			
Havana IV.....										124					1			
Highland Park III.....										100					1			
Highwood IV.....										105					1		12	1
Hinsdale IV.....	30									100					2		24	2
Jacksonville III.....	9							10		100					1			1
Joliet II.....										70					1			1
Kankakee III.....										117					1			
**Kewanee III.....	9																	
LaGrange III.....	7																	
LaSalle III.....																		
Macomb IV.....										150					2		13	1
Madison IV.....																		
Mattoon III.....	9																	
**Maywood III.....										185					1			
Moline II.....								22		183					2			
**Monmouth IV.....	10									60					2			
Mount Vernon III.....										150					1		11	1
**Murphysboro IV.....	10																5	1
**Oak Park II.....	12							16									8	1
Ottawa III.....	10									100					1			
Park Ridge III.....																		
**Pekin III.....										85					1			
**Peoria I.....	34							20		100					12		55	4
Pontiac IV.....										36					1			
**Princeton IV.....	12									150					1		24	1
**Quincy II.....										100					1			
River Forest IV.....										63					1			
Riverside IV.....										450					3		22	1
Rock Island II.....	11									525					4		35	4
**Rockford II.....	29							1	16	100					1		46	4
**Shelbyville IV.....										83					1			
**Springfield II.....	7							8		80					1			
Sterling III.....	13																	
Stratton III.....										125					2			
Union III.....										60					1			
Urbana III.....										126					1			
Vandalia IV.....	25																	
Villa Park IV.....	17							15		118					2		10	1
**Waukegan II.....	16																	
**West Frankfort III.....										70					1			
Wilmette III.....								13		80					2			
**Winnetka III.....																		

†For other groups of exceptional children and totals for these cities see pages 30-31.

See footnotes at end of table, page 75.

City †	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total (cols. 2-34)							
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—							
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Teachers					
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
GEORGIA																		
Atlanta I.....							151	169	13	23	14	6				336	229	25
Rome III.....																70	1	1
IDAHO																		
Boise I.....							102		8							102		8
ILLINOIS																		
Alton II.....							26		2	325	40	3				462		7
**Arlington Heights IV.....												1				66	40	2
Aurora (East and West) II.....							61		5							363		12
Barrington IV.....																70		1
Berwyn II.....																82		1
Bloomington II.....							45		3	200		2				383		8
Blue Island III.....																	50	1
Bradley IV.....																70		1
Brookfield III.....																173		1
Canton III.....										40		1				40		1
Carbondale IV.....																89		1
Centuria III.....																13		1
Champaign III.....							24		2	600		3				864		13
Charleston IV.....																75		1
Chicago I.....							3,498		235	1,510	359	192				18,637	989	714
Chicago Heights III.....										3	25	1				235		8
**Cicero II.....							30		3							325	81	9
Crystal Lake IV.....										60		1				74		1
Danville II.....							46		4							350		8
**Decatur II.....							75		5							277		9
DeKalb IV.....																100		1
**Des Plaines IV.....																146	65	2
Dixon III.....										145		1				296		3
Downers Grove IV.....										70		1				150		2
East Moline III.....																93		1
**East Peoria IV.....																7		1

E. St. Louis II	33	3	150	2	346	9
Edwardsville IV					120	1
Elgin II	32	2	16	1	365	10
**Elmhurst III	9	1	88	1	275	5
**Evanston II	60	4	400	4	705	519
Franklin Park IV					75	1
Freeport III					192	4
Galesburg III					373	7
Geneva IV	15	1	150	2	81	1
Glencoe IV					80	1
**Granite City III			480	2	480	2
Harrishburg III					75	2
Hayana IV					32	1
Highland Park III					131	2
Hinwood IV					124	1
Hinsdale IV					100	1
Jacksonville III					203	6
Joliet II	37	2	17	1	238	7
Kankakee III			95	1	100	1
**Kewanee III			25	1	95	1
LaGrange III					126	2
**LaSalle III					7	1
Macomb IV					13	1
Madison IV			75	1	225	3
Mattoon III		2			27	3
**Maywood III	18				155	1
Moline II					430	5
**Monmouth IV			225	1	100	3
Mount Vernon III			40	1	50	3
**Murphysboro IV					171	3
**Oak Park II	15	1	45	5	15	2
Ottawa III			60	1	70	2
Park Ridge III					180	10
**Pekin III					85	1
**Peoria I	68	5	1,516	5	2,810	31
Pontiac IV					86	1
Princeton IV			72	1	108	2
**Quincy II	14	1	128	2	328	6
River Forest IV					100	1
Riverside IV					63	1
Rock Island II			160	2	643	7
**Rockford II	86	6	33	2	756	22
**Shelbyville IV					100	3
*Spir. Ingfield II					144	1
Sterling III	11	1			104	1
Streator III	4	1			4	1
Urbana III			176	2.5	301	4
Vandalia IV					60	1
Villa Park IV			81	2	232	5
**Waukegan II	15	1		30	175	8
**West Frankfort III					16	1
Wilmette III					76	1
**Winnetka III	3	1	100	1	196	5

†For other groups of exceptional children in these cities see pages 28-29.

See footnotes at end of table, page 75.



Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Blind		Partially seeing		Deaf		Hard-of-hearing		Speech-defective		Crippled							
	Pupils in —		Pupils in —		Pupils in —		Pupils in —		Pupils in —		Pupils in —							
	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
INDIANA																		
Anderson II										20	28	1	132	27	1	10	3	1
Bloomington III										65		1.5	242		1.5	8		21
Crown Point IV										18	8	.5	190	7	1.5	4		1
East Chicago II				13	3	1				9		(1)	254	9		65	5	4
Elkhart II				12		1				34		2	175	10	2	25		2
Evansville II										21	8	1	250	32	2	25		4
Fort Wayne I										38	9	1	347	12	3	9		1
Gary I					3	1			(1)	38	1	(1)	52	4	11			
Greensburg IV																		
Hammond II																		
Huntington III										265	100	4	120	12	1	262	38	15
Indianapolis I				66	12	5				2		41	1,033	8	3			
La Porte III				2		(4)							105		1			
Marion III																		
Michigan City III																		
Mishawaka III													181	6	1			
Mount Vernon IV																		
Muncie II																		
New Albany III													8		1			
New Castle III										24	12	1	63	17	11	11	2	1
Rensselaer IV				1		(2)							4		71	13		1
Richmond II																16		1
South Bend I				21	4	1										39	4	4
Terre Haute II										12	3	1	78	15	3			
Vincennes III										20	33	2	233	2	2			
Washington IV										78		(1)	102	12	11			
Washington IV										8		(1)	88	12	11			
Whiting III										10	5	(1)	30	10	1			
IOWA																		
Ames III																		
Cedar Falls IV																12		1



Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total (cols. 2-34)					
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—					
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades				
1	20	21	23	24	26	27	28	29	30	31	32	33	34	35	36	37
INDIANA																
Anderson II														162	3	3
Bloomington III					19		2							366	55	7
Crown Point IV	40				7		(3)							16		1
East Chicago II					22	41	5							243		2
Elkhart II														267	9	2
Evansville II					443		15							729	15	24
Fort Wayne I					182		8							488	40	13
Gary I														405	24	6
Greensburg IV														91	5	1
Hammond II					58	22	5							58	22	5
Huntington III														120	12	1
Indianapolis I	317				607		29							2,590	138	68
La Porte III			1		10		3							15		2
Marion III														105		1
Michigan City III							1								17	1
Mishawaka III														181	6	1
Mount Vernon IV														12		1
Muncie II														8		1
New Albany III														98	31	3
New Castle III														17		2
Rensselaer IV														2		1
Richmond II					14		1							30		2
South Bend I					85		5							235	23	14
Terre Haute II														253	2	4
Vincennes III														229	45	2
Wabash IV														110		1
Washington IV														98	17	1
Whiting III														30	10	1
IOWA																
Ames III					18		1							18		1
Cedar Falls IV					15		1							27		2

Cedar Rapids II.....	47	20	4					47	20	4
Centerville IV.....	18							18		1
Charles City IV.....	27		2					58		4
Cherokee IV.....	11		31				2	11		1
Clarion IV.....	4		(?)					10	4	1
Connel Bluffs II.....								10		1
Cresco IV.....								10		2
Creston IV.....								15		1
Dayenport II.....	110	15	10					42	6	1
Des Moines I.....	318	412	43					313	16	18
Dubuque II.....	35		2					822	491	59
Fort Dodge III.....								51		3
Grinnell IV.....								6	1	1
Independence IV.....	23		1					23		(19)
Iowa City III.....	61	4	4	18			(19)	330	16	13 4
*Jefferson IV.....	36		1					36		1
Keokuk III.....	30		1					30		1
Marshalltown III.....	25		2					25		2
Mason City III.....	55		4					63		5
New Hampton IV.....								4		1
Oskaloosa III.....	30		1					35		1.5
Ottumwa II.....								97		2
Sioux City II.....	58	32	7					69	32	8
KANSAS										
El Dorado III.....								15	2	1
Hutchinson II.....								250	50	1
Kansas City I.....			3				3		112	4
Salina III.....	41		15					15	13	2
Topoka II.....	15	18	2					58	18	4
Wichita I.....	154	22	10					437	22	16
KENTUCKY										
Covington II.....	3		7	2				3		2
Lexington II.....	38		2	2				38		2
Louisville I.....	220		12	12				432		26
Middlesboro III.....	240		6	6				240	6	6
Newport II.....	41		2	2				41		2
Owensboro II.....	75		3	3				75		3
LOUISIANA										
Alexandria III.....	10		1	1				10		1
Baton Rouge II.....	10		1	1				25		3
Bogalusa III.....	4		1	1				39	3	2
Lafayette III.....	1		(?)					5		1
New Orleans I.....			15	177			5	4,208	13	40
Plaguemeine IV.....	261							45	2	1
Shreveport II.....			15					15		1

†For other groups of exceptional children in these cities see pages 32-33.

See footnotes at end of table, page 75.







Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total (cols. 2-34)						
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—						
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades					
1	20	21	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
MAINE																	
Auburn III.....																	
Bangor III.....						4		(?)							7		1
Bath III.....															10		1
Brunswick IV.....						2		(?)							16		1
Portland II.....						52		3							11		1
South Portland III.....	51														20		6
Waterville III.....															7		1
Westbrook III.....															7		1
															5		1
MARYLAND																	
* Annapolis III.....						23		1							46		2
Baltimore I.....						2,419		126							4,250	56	167
Cambridge III.....						12		1							12		1
Crisfield IV.....						20		1							20		20
Cumberland II.....						127		6							127		6
Elkton IV.....						17		1							17		1
Freshburg IV.....						37		2							37		2
Hagerstown II.....						286		13							286		13
Laurel IV.....						14		1							14		1
* Pocomoke IV.....						19		1							19		1
Salisbury III.....						44		2							44		2
Takoma Park IV.....																	1
Westminster IV.....						38		2							38		2
MASSACHUSETTS																	
Adams III.....						14		1							14		1
Amherst IV.....															4		6
Andover III.....						20		2							20		2
Attleboro III.....						30		2							30		2
Barnstable IV.....						4		1							4		1
Belmont III.....						15	13	2							15	13	2



Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Blind		Partially seeing		Deaf		Hard-of-hearing		Speech-defective		Crippled		Teachers					
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—							
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MASSACHUSETTS—Continued																		
Southbridge III																		
Springfield I							7		1				465	26	1			
Stonham III																		
Stoughton IV																		
Waltham II																		
Webster III																		
West Springfield III										39	30	1						
Westfield III																		
Weymouth III																		
Whitman IV																		
Winchendon IV																		
Winthrop III																		
Worcester I				16			24		3	58		3	298		2			
MICHIGAN 14																		
Ann Arbor III																		
Battle Creek II							6		(*)	12		41	228		1	687	25	
Bay City II				21		1							160		1	20		2
Benton III													42		1			
Center Line IV										173		1	182		1			
Dearborn II				16 22		53	(*)		(*)	855		43	575		3	885	24	
Detroit I				459		842	807		(*)	125		498	10,232		43	608	298	
Dowagiac IV							39		.5				139		1.5	13		1
East Detroit IV													182		1			
East Lansing IV				16 9		8 1	(*)		(*)	813		41	96		.5			
Escanaba III				25		2	(*)		(*)	812		41	174		1			
Flint I				16 32		8 2	(*)		(*)	20		2	1,247		6	648	23	
Grand Rapids I				16 57		8 6	(*)		(*)	835		44	192		1	6166	26	
Grosse Pointe III													160		1			
Hamtramck II							5		(*)	2		(*)	6164		2	6164	23	
Highland Park II				6		.5	(*)		(*)	8 29		4.2	377		2	648	22	

















NEVADA																					
Reno III.																					
NEW HAMPSHIRE																					
Concord III.																					
Dover III.																					
Franklin IV.																					
Manchester II.																					
Milford IV.																					
Nashua II.																					
Portsmouth III.																					
Somersworth IV.																					
NEW JERSEY																					
Asbury Park III.																					
Atlantic City II.																					
Bayonne II.																					
Belmar IV.																					
Bernardsville IV.																					
Bloomfield II.																					
Bordentown IV.																					
Bridgeton III.																					
Camden I.																					
Clifton II.																					
Dover III.																					
East Orange II.																					
Elizabeth I.																					
Freehold IV.																					
Garfield III.																					
Hackensack III.																					
Hawthorne III.																					
Hoboken II.																					
Irvington II.																					
Jersey City I.																					
Kearny II.																					
Linden III.																					
Long Branch III.																					
Lyndhurst III.																					
Montclair II.																					
New Brunswick II.																					
Newark I.																					
Newton IV.																					
North Bergen II.																					
North Plainfield III.																					
Orange II.																					
Palisades Park IV.																					
Passaic II.																					
Paterson I.																					

† For other groups of exceptional children in these cities see pages 44-45.

See footnotes at end of table, page 75.





Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total (cols. 2-34)							
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—							
	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Teach- ers					
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
NEW JERSEY—Continued																		
Perth Amboy II.....							21									21		2
Phillipsburg III.....							30		2							30		2
Plainfield II.....							84		5							84		5
Pleasantville III.....																12	2	
*Raritan IV.....							84		4							96		5
Red Bank III.....							7	8	1							7	8	1
Rutherford III.....							11	20	2							111	43	3
South Orange-Maplewood II.....							8	12	2							166	12	2
Summit III.....																107		1
Teaneck III.....							28	4	2							4	4	3
Tenafly IV.....									1							24	13	1
Trenton I.....	13	4	1													188		11
Union City II.....							48		11							371		6
Union Township III.....							44		3			1				44		3
Vineyard-Lands III.....									3									
Weehawken III.....							31									333		4
West New York II.....							8		3							8		1
Westfield III.....							20		1							20		1
Westville IV.....							9		1							9		1
Westwood IV.....									1									
NEW MEXICO																		
Albuquerque II.....							3		* 1			3				6		1
Chovis III.....																6		1
Las Cruces IV.....							19		1							19		1
Las Vegas (East) IV.....								24	1								24	1
NEW YORK																		
Albany I.....	40		3				125	111	14							199	135	22
Albion IV.....							16									16		1
Amityville IV.....							11		1							24		2









City †	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total (Cols. 2-34)						
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—						
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Teachers				
1	20	21	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
CALIFORNIA—Continued																	
Santa Paula IV															304	62	6
Santa Rosa III															179	40	8
South San Francisco IV						70	35	7							249	75	12
Stockton II						88	60	6							285	17	2
Tulare IV															27		1
Ukiah IV															694	80	6
Vallejo III							17	1								17	1
**Ventura II															24		2
Visalia IV						14		1							130	50	4
Watsonville IV							42	3							2	61	1
Whittier III							61	1							213		1
Woodland IV																	
COLORADO																	
Denver I	(6)				(3)	30		1							261		11
CONNECTICUT																	
Bridgeport I																	
Bristol II	24							18							536	4	24
Danielson IV															24		1
Darien IV															90	10	1
Derby III						9		1							10		1
Meriden II						14	20	2							9		1
New Britain II						18		1							14	20	2
New Haven I	50					411	79	26							68		3
New London II	66					61		5							568	121	36
Norwalk II															61		5
Norwich II																6	1
Norwich II						16		1							16		1
Southington IV						15		1							22		1
Stamford II						22		2							22		2
Stamford II						60		4							60		4

Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.









Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total (cols. 2-34)								
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—								
	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Ele- men- tary grades	Sec- ond- ary grades	Teach- ers						
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
NEW YORK—Continued																			
North Tarrytown IV.....							15		1							15		1	
North Tonawanda III.....							26		2							26		2	
Ogdensburg III.....							49		3							49		3	
Oneida III.....							18		1							18		1	
Oneonta III.....							12	18	2							12	18	2	
Ossining III.....							21		2							21		2	
Oswego III.....							23		2							23		2	
Parochne IV.....							12		1							12		1	
Peekskill III.....							18		1							18		1	
Pelham II.....							11		1							11		1	
Penn Yan IV.....							16	14	2							16	14	2	
Pittsburg III.....							12		1							12		1	
Port Chester III.....							24	42	5							24	42	5	
Port Jervis IV.....							24		3							24		3	
Poughkeepsie II.....							74		4							74		4	
Rochester I.....	36		2				480	275	39							1,631	641	55	
Rockville Center III.....							27		2							27		2	
Rome II.....							14		1							14		1	
Saranac Lake IV.....							11		1							11		1	
Saratoga Springs III.....							34		2							34		2	
Saugerties IV.....							16		1							16		1	
Schenectady II.....							130	188	15							659	190	19	
Spring Valley IV.....							16		1							16		1	
Suffern IV.....							13	15	2							13	15	2	
Syracuse I.....	97	11	(*)				177	161	18							770	252	36.5	
Ticonderoga IV.....							15		1							15		1	
Tonawanda III.....							11		1							11		1	
Troy II.....							29		2							29		2	
Tuckahoe IV.....							11		1							11		1	
Utica I.....							42		3							42		3	
Valley Stream III.....	22		2				10		1							10		1	
Walden IV.....							16		1							16		1	
Watertown II.....							35		3							35		3	









Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Delicate			Epileptic			Mentally deficient			Truants or behavior problems			Mentally gifted			Total (cols. 2-34)		
	Pupils in—		Teachers	Pupils in—		Teachers	Pupils in—		Teachers	Pupils in—		Teachers	Pupils in—		Teachers	Pupils in—		Teachers
	Elementary grades	Secondary grades		Elementary grades	Secondary grades		Elementary grades	Secondary grades		Elementary grades	Secondary grades		Elementary grades	Secondary grades		Elementary grades	Secondary grades	
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
OHIO—Continued																		
London IV.....							18									18		1
Lorain II.....							41									50	2	4
Mansfield II.....																33		4
Maple Heights IV.....																46		1
Marion II.....																16		1
Marion II.....							10									42		4
Martins Ferry III.....																12		1
Massillon III.....							46									46		3
Massillon III.....							48									46		3
Mount Vernon III.....							18									18		2
Mount Vernon III.....							15									13		3
New Philadelphia III.....							20									245	5	6
Newark II.....																18	10	2
Niles III.....							18									54	4	3
North Canton IV.....							13	35								18	35	3
Norwalk IV.....							26									13		1
Norwood II.....							30									35		3
Oberlin IV.....							2									30		2
Painesville III.....							45									45		2
Port Clinton IV.....							14									14		1
Port Clinton IV.....							16									16		1
Portsmouth II.....							13									46		4
Ravenna IV.....							15									15		1
St. Bernard IV.....							12									12		1
Salem III.....							30									30		2
Sandusky III.....							31									31		2
Shaker Heights III.....							17									17		1
South Euclid-Lynchhurst IV.....							63									35		2
Springfield II.....							41									17		1
Stuebenville II.....							483									92	9	8
Toledo I.....							1									993	23	6
Toronto IV.....							17									17		1
Troy IV.....							16									16		1
Warren II.....							124									234		10
Washington Court House IV.....							22									22		1

Wellsville IV	15	1								15	1
Woster III	18	1								18	1
Youngstown I										138	10
Zanesville II										45	4
OKLAHOMA											
Bartlesville III	28	1								48	2
Chickasha III	17	1								(20) 17	(20) 1
Durant III											30
El Reno III	6	1								6	1
Elk City IV	11	1								11	1
Lawton III	17	(3)								25	3
Mangum IV	11	(2)								29	1
Muskogee II	11	(2)								713	35
Oklahoma City I	500	25								15	1
Perry IV	15	1								22	2
Ponca City III	5	(2)								58	3
Pryor IV	19 40	3 2								55	1
Shawnee III		1								10	1
Sulphur IV	10	1								10	1
Tulsa I	15	1								413	9
OREGON											
Albany IV										23	2
Astoria III											1
Bend III	10	(21)								15	1
Coos Bay IV										22	2
Coolidge IV											1
Corvallis IV	9	(21)								83	1
Eugene II										96	3
Grants Pass IV	6	(21)								10	1
Hillsboro IV										66	1
Klamath Falls III	2	(21)								83	3
La Grande IV										83	2
Lebanon IV	5	(21)								14	1
Medford III	8	(2)								235	2
Portland I										1,027	26
Roseburg IV										24	1
Salem II	31	3 2								84	4
PENNSYLVANIA											
Abington III	36	2								473	3
Allentown II	118	14								262	21
Altoona II	123	13								453	14
Ambridge III	16	2								16	2
Arnold I	14	1								10	1
Bangor IV	17	1								17	1
Beaver Falls IV	17	2								17	2

† For other groups of exceptional children in these cities see pages 56-57.  
See footnotes at end of table, page 75.





Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City†	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total (cols. 2-34)		Teachers				
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—						
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades					
1	20	21	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
PENNSYLVANIA—Continued																	
Berwick III.						42		3							42		3
Bethlehem II.						36		3							76		6
Bloomsburg IV.	12	1				15		1							15		1
Bradford III.							31	2							8	31	3
Bristol III.						34		2							84		3
Butler III.						18		1							18		1
California IV.						17		1							17		1
Canonsburg III.						13		1							13		1
Carbondale III.						39		3							19		3
Carlisle III.						32		2							32		2
Charmersburg III.						7	10	2							7	16	2
Charlottesville III.						152		10							152		10
Charlton III.						12		1							12		1
Clearfield IV.						21	27	2							106	27	3
Coatsville III.						19	76	4							19	76	4
Collingsdale IV.						13		1							13		1
Connellsville III.						12		2							197		2
Danville IV.						18	27	2							18	27	3
Derry IV.						11	19	2							124	19	3
Donora III.						20		1							20		1
Downingtown IV.						16		1							16		1
Doylstown IV.						16		1							16		1
DuBois III.						25		2							25		2
Dunmore III.						25		2							25		2
Duquesne III.						9		1							9		1
East Stroudsburg IV.						17		1							17		1
Easton II.						94		7							94		7
Ellwood City III.						12		1							12		1
Erie I.						185	145	18				17			641	199	31
Forty Fort IV.						15	18	2							15	18	2
Greensburg III.						15		1							15		1
Hanover III.						16	10	2							16	10	2







TENNESSEE

Chattanooga I.....	20	2					20	(1)	10	11			
Jackson III.....							14	(1)	10	11			
Jackson City III.....							25		14				
Knoxville I.....	12	1					30		13				
Memphis I.....	24	1.5					31	2	34	1		80	21
Nashville I.....	26	2					87	1	100	1		53	2.5
TEXAS													
Abilene III.....							4	4 7 1	168	1		5	21 1
Amarillo II.....							6	1	113	1			
Austin II.....							16	4	260	17			
*Beaumont II.....							2	(2)	95	22			
Belton IV.....							14	(3)	99	(3)		4	21 1
Brownsville III.....	45	(3)					50	(1)	32	(1)		27	21.5
*Brownwood III.....	8	(3)					21	(1)	52	11		7	21 1
Childress IV.....							2	(4)	14				
Corpus Christi II.....							4	4 1	250	2		3	
Dalhart IV.....	3	(1)					80	20	7	21 1		70	(4)
Dallas I.....	20	1					15	3	100	40		5	5
Decatur IV.....	12	5					15	(2)	15	(2)		1	21 1
Denison II.....	5						15	(2)	85	5		12	21 1
Edenburg IV.....	15						6	(2)	23	(2)		16	21 2
El Paso II.....	2						7	1	355	3		39	2
Fort Worth I.....	13	2					5	1	131	5		14	5
Freepport IV.....							5	(2)	34			10	1
Gladewater IV.....	4						3	2	11			5	21 1
Goose Creek III.....	1						3	(2)	5	(2)		9	21 1
Greenville III.....	15						1	(2)	7	(2)		4	21 3
Highland Park III.....							1	(2)	2	(2)		1	21 1
Hillsboro IV.....							118	1	12	1		49	4
Houston I.....	15	1					3	(2)	17	(2)		9	21 1
Jasper IV.....	13						1	(2)	11	(2)		16	21 2
Lockhart IV.....	2						4	(2)	64	(2)		4	21 5
Longview III.....	22						2	(2)	3	(2)		12	21 1
Lubbock II.....	2						3	(2)	125	(2)		12	21 1
*Lufkin IV.....							15	(2)	39	(2)		13	21 1
Marshall III.....	31						9	(2)	46	(2)		9	21 1
Midland IV.....	10						26	(3)	21	(2)		4	21 1
Mineola IV.....							1	(2)	2	(2)		4	21 1
Mineral Wells IV.....							1	(2)	1	(2)		3	21 1
*Odessa IV.....	3						1	(2)	59	(2)		25	4
Orange IV.....							1	(2)	39	(2)		7	21 1
Plainview IV.....	1						15	(1)	14	11		69	2 6
Port Arthur II.....							2	(2)	8	(2)		2	21 1
Port Angelo III.....	6						1	(1)	8	(2)		2	21 1
San Antonio I.....	9	1					15	(2)	23	21 1		2	(2)
Stephenville IV.....									50	2		15	3
Temple III.....									124	1		9	1
Tyler III.....													
Waco II.....													
Wichita Falls II.....													

† For other groups of exceptional children and totals for these cities see pages 66-67.

See footnotes at end of table, page 75.



TENNESSEE										
Chattanooga I.....					120		6		146	8
Jackson I.....									30	1
Johnson City III.....									39	1
Knoxville I.....					65		3		120	6
Memphis I.....					84		4		253	16.5
Nashville I.....					240		8		506	14.5
TEXAS										
Abilene III.....										2
Amarillo II.....	5	(21)	5	(41)					173	3
Austin II.....						14	1		276	4
**Beaumont II.....									35	4
Belton IV.....	2	(21)	1	(41)					101	24
Brownsville III.....	6	(21)	7	(41)	4		(21)		83	10
*Brownwood III.....	8	(21)							163	1.5
Childress IV.....									39	1
Corpus Christi II.....			3	(3)	2		3 1		22	3
Dalhart IV.....									330	10
Decatur IV.....	3	(21)	2	(41)			(21)		50	8
Denison IV.....	2	(21)	4	(41)					119	1
Edinburg IV.....	35	(21)	7	(41)	1		(21)		75	2
El Paso II.....	14	(21)	9	(21)	24		4		534	14
Fort Worth I.....							2		218	13
Freerport IV.....									10	1
Gladeview IV.....	41	(21)	4	(21)	5		(21)	4	99	1
Goose Creek III.....	7	(21)							27	1
Greenville III.....	3	(21)	4	(21)	3		(21)		25	3
Highland Park III.....									20	1
Hillsboro IV.....									12	1
Houston I.....	43	(21)			192		8		558	18
Jasper IV.....	14	(21)	3	(41)					59	1
Lockhart IV.....	9	(21)							24	1
Longview III.....							1	(21)	124	2
Lubbock II.....	2	(21)	1	(41)			7		14	2
*Lufkin IV.....	1	(21)	1	(41)					142	1.5
Marshall III.....	1	(21)					(21)		101	1
Midland IV.....	4	(21)			2				78	1
Mineola IV.....	17	(21)							64	1
*Mineral Wells IV.....						15	1	21	21	43
*Odessa IV.....			1	(41)					11	1
Orange IV.....								24	9	1
Plainview IV.....	2	(21)							84	5
Port Arthur II.....									56	1
San Angelo III.....	3	(21)							116	8
San Antonio I.....		(2)							12	1
Stephenville IV.....									25	1
Temple III.....									50	2
Tyler III.....									32	2
Waco II.....			17			2	1		5	2
Wichita Falls II.....									133	2

† For other groups of exceptional children in these cities see pages 64-65.  
See footnotes at end of table, page 75.



Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Blind		Partially seeing		Deaf		Hard-of-hearing		Speech-defective		Crippled							
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—							
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
UTAH																		
Brigham IV										6	2	(1)	26	7	17.6			
Ordan II																		
Salt Lake City I																		
VIRGINIA																		
Alexandria II																		
Norfolk I				11		1	12		1									
Petersburg II																		
Portsmouth II																		
Pulaski IV																		
Richmond I				24	25	4	8		1	18	5	2	36		1	9		1
Roanoke II				21	6	3									1	25		1
WASHINGTON																		
Aberdeen III																		
Auburn IV										1		(1)	20		11			
Bellingham III				1		(21)	9		9	3		(21)	9		21			
Bremerton III				10		1	12			15		.5	207		1.5	12		2.5
Chehalis IV													3		7			
Ellensburg IV													10		1	6		1
Everett II																8		1
Hoquiam III																		
Kelso IV																		
Longview III				2		(2)				2		(2)	4		7	3		8
Olympia III													3		(2)	3		1
Oriskany III																		
Oronoke IV				10			8						6			8		1
Port Angeles IV				2		(21)	2					(21)	4		21	4		2
Renton IV													91		1			1

**Seattle I	44	9	5	31	10	5	48	3	3	237	4	1.2	23	3
Spokane I	10	2	1	40	3	5	16	1	1	300	3	3	30	5
Tacoma I	2	7	1				153	29	1.5	314	25	4	18	2
Vancouver III										384	10	1.5	10	2.5
Wenatchee III										55	10	1	6	1
WEST VIRGINIA														
Charleston II										366	27	7.4		
Dunbar IV										36	2	7.2		
Fairmont III														
Huntington II				15		1								
Nitro IV										26	2	7.1		
St. Albans IV										82		7.1		
South Charleston III										117	9	7.2		
*Wheeling II										90	34	1		
WISCONSIN														
Antigo IV							8							
Appleton III							11						84	4
Ashland III														
Beaver Dam III										109				
Beloit III														
Chippewa Falls III														
Cuddys III														
Eau Claire II	8		1				29		4	225		1	120	4
Edgerton IV										240		2		
Fond du Lac III														
Fort Atkinson IV														
Green Bay II	10		1	40	6	5	9		1	347		2	33	2
Janesville III										208		1		1
Kenosha II	7		1			(4)	8		41	572		2	107	8
La Crosse II										436		2	35	3
Madison II										443		5	105	2
Manitowoc III	13		1				26		3	443		6	42	1
Marinette III										442		2		1
Marshfield III														
Menasha III														
Menomonee IV														
Merrill IV														
Milwaukee I	7	1	3	68	7	9	50	14	4	2,989	30	9	286	13
Neenah III										30		1		
Neillsville IV														
New London IV														
Oconomowoc IV														
Oshkosh II	13		1				24		3	237		2		
Port Washington IV														
Racine II							11		2	380		2	21	3

† For other groups of exceptional children and totals for these cities see pages 70-71.

See footnotes at end of table, page 75.

Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total (cols. 2-34)					
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—					
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades				
1	20	21	23	24	26	27	28	29	30	31	32	33	34	35	36	37
UTAH																
Brigham IV					43	14	8				17	9	3	92	32	17
Ogden II					26		2							26		2
Salt Lake City I					94	43	7							94	43	7
VIRGINIA																
Alexandria II					126		6							126		6
Norfolk I					135		7							158		9
Petersburg II					20	27	2							20	27	2
Portsmouth II					20		1							20		1
Pulaski IV					60		3							60		3
Richmond I					98		5	156		5				346	30	19
Roanoke II					90		4							142	6	8
WASHINGTON																
Aberdeen III					29		2							29		2
Auburn IV														21		1
Bellingham III					2		(21)	97		(21)				19		1
Bremerton III	2				26	28	4							267	61	9.5
Chehalis IV														3		3
Ellensburg IV														16	1	2
Everett II					58		5							66	6	6
Hoquiam III					19 34		3 2	(19)		(9)				34		2
Keelo IV						12	1							7	27	3
Longview III					34		2							56		3
Olympia III					15		1							23		2
Omak IV					3									27		2
Port Angeles IV					1		(21)							12	1	1
Renton IV					3									91		1

**Seattle I	1	321	260	42	125	77	14	829	359	74
Spokane I	10	100	30	11				490	39	26
Tacoma I		70	124	8				420	134	16
Vancouver III			10	1	118	93	4	665	158	10,5
Wenatchee III								61	10	2
WEST VIRGINIA										
Charleston II								366	27	4
Dunbar IV								36	2	2
Fairmont III				3				54		3
Huntington II		54						15		1
Nitro IV								26	2	1
St. Albans IV								82		2
South Charleston III				3				117	9	2
*Wheeling II		43						133	34	4
WISCONSIN										
Antigo IV		955		2				63		3
Appleton III		989		5				283		11
Ashland III		920		1				20		1
Beaver Dam III		916		1				16		1
Beloit III		108	22	6				277	22	7
Chippewa III		939		2				39		2
Gudaby III		99		1				9		1
Eau Claire II		938		3				420		13
Edgerton IV		941		1				41		1
Fond du Lac III		961		4				301		6
Fort Atkinson IV		950		4				50		1
Green Bay II		945		3				484	7	14
Janesville III		989		4				297		5
Kenosha II		68		5				762		17
La Crosse II		51		4				536		11
Madison II		9130		3				717		18
Manitowoc III		9134		2				618		7
Marinette III		985		2				35		2
Marshfield III		929		1				29		1
Menasha III		912		1				12		1
Menomonee IV		912		1				15		1
Merrill IV		915		1				15		1
Milwaukee I		326	13	13	454		31	4,323	104	88
Neenah III		917		1				47		2
Neillsville IV		949		1				49		1
New London IV		932		1				32		1
Oconomowoc IV		920		1				20		1
Oshkosh II		966		4				340		10
Port Washington IV		912		1				12		1
Racine II		57		5				469		12

† For other groups of exceptional children in these cities see pages 68-69.  
See footnotes at end of table, page 75.





DISTRICT OF COLUMBIA	12	2	36	3																
Washington.....										31	2					109				6
<b>Outlying Part of the United States</b>																				
TERRITORY OF HAWAII	1	2	43	14	\$ 9.5	54	6	(4)	42	3	4 13.5					10				1
*Honolulu.....																				

† For other groups of exceptional children and totals for these cities see pages 74-75.  
See footnotes at end of table, page 75.

Table 7.—Enrollment and teachers in special schools and classes for exceptional children, in city school systems, 1947-48—Con.

City †	Delicate		Epileptic		Mentally deficient		Truants or behavior problems		Mentally gifted		Total (cols. 2-34)							
	Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—		Pupils in—							
	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades	Elementary grades	Secondary grades						
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
WISCONSIN—Continued																		
Rhineland IV							9 22		2							22		2
Rice Lake IV							9 36		1							98		3
Shawano IV							9		1							9		1
Sheboygan II							72		5							107		7
Shorewood III							9 12		1							156		4
South Milwaukee III							9 31		2							30		2
Spooner IV							9 30		1							30		1
Stevens Point III							9 22		2							63		1
Stoughton IV							9 59		1							59		7
Superior II							53		3							343		9
Two Rivers III			(?)				9 22		1							22		1
Viroqua IV							9 35		1							35		1
Watertown III							9 18		1							148		2
Waukesha III							9 220		4							209		5
*Waupun IV							9 18		1							18		1
Wausau III							9 63		3							482		8
Wauwatosa III							9 62		3							422		8
West Allis II							9 54		3							346		6
West Bend IV							9 16		1							6		1
West Milwaukee IV							9 92		1							52		1
Whitefish Bay IV							9 215		1							360		2
Wisconsin Rapids III							9 42		1							115		2
WYOMING																		
Sheridan III							14		1							14		1

DISTRICT OF COLUMBIA										
Washington.....									1,237	65
<b>Outlying Part of the United States</b>										
TERRITORY OF HAWAII	23	14	1						276	27
*Honolulu.....										34
				986	2	18	63	63	6	
				112		9				

† For other groups of exceptional children in these cities see pages 72-73.

- \* Report for whole county or district in which city is located.  
 \*\* More than one independent school district in city.  
 1 Teacher(s) for speech-defective children responsible for hard-of-hearing and/or deaf children also.  
 2 Teacher(s) for crippled children responsible for other types of exceptional children.  
 3 Teacher(s) for mentally deficient children responsible for other types of exceptional children.  
 4 Teacher(s) for hard-of-hearing children responsible for other types of exceptional children.  
 5 Teacher(s) for partially seeing children responsible for other types of exceptional children.  
 6 Figure for crippled children includes other types of exceptional children.  
 7 Part-time.  
 8 Figure for hard-of-hearing children includes some deaf.  
 9 Figure for elementary enrollment includes some children in secondary grades.  
 10 Figure for speech-defective children includes some hard-of-hearing and/or deaf children.  
 11 Estimated.  
 12 Speech staff and practice teachers from Grinnell College.  
 13 Iowa State University staff and students instructed hard-of-hearing, speech-defective, and behavior problem children.  
 14 In the State of Michigan all figures listed in the elementary columns include some children in secondary grades.  
 15 1948-49 data.  
 16 Figure for partially seeing children includes some blind children.  
 17 One teacher for hard-of-hearing children instructed deaf children in secondary grades also.  
 18 Figure includes 6 part-time teachers.  
 19 Figure for mentally deficient children includes some behavior problem children.  
 20 Oklahoma College for Women assists in hard-of-hearing and speech-defective work.  
 21 Same teacher(s) responsible for various groups of exceptional children.  
 22 One teacher for speech-defective children responsible for hard-of-hearing children also.  
 23 Lepers.

Table 8.—Children enrolled for home and hospital instruction in cities of 30,000 or more population, 1947-48

City	Home instruction						Hospital instruction					
	Crippled		Delicate		Epileptic		Total	Crippled		Delicate		Total
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary		Elementary	Secondary	Elementary	Secondary	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>6,140</b>	<b>1,599</b>	<b>4,385</b>	<b>804</b>	<b>48</b>	<b>18</b>	<b>12,994</b>	<b>7,527</b>	<b>920</b>	<b>2,422</b>	<b>463</b>	<b>11,332</b>
<b>ALABAMA</b>												
Birmingham.....								125				125
Mobile.....								15	10			25
3 other cities.....	1						1	123	31			154
<b>ARIZONA</b>												
Tucson.....								16	1	24		41
Winslow.....										2		2
<b>ARKANSAS</b>												
Little Rock.....	7	1	2				10					
4 other cities.....	19	2	4				15	3				3
<b>CALIFORNIA</b>												
Alameda.....	20	6					26					
Alhambra.....	3	4	10	8			25					
Berkeley.....	25		28	2			55					
Burbank.....	9						9					
Fresno.....	4				4		4	12				12
Glendale.....	4		8				12					
Long Beach.....	37		16		3		56					
**Los Angeles.....	1 564	1 189	2				755	1 264	1 103			367
Montebello.....			8	7			15					
Oakland.....	1 2 103	1 2 91					194					
Pasadena.....	7		40				47			4		4
Riverside.....	2		8		2		12	3	3	6	4	16
Sacramento.....	13						13					
San Diego.....	10	1	45		4		60	8				8
San Francisco.....	1 280						280	84		75		159
San Jose.....			31	28			59					
Santa Ana.....	1	2	12	11			26			15	32	47
Santa Barbara.....	6	7	6	5			24					
Santa Monica.....	2	7					9					
Stockton.....			20	5			25					
64 other cities.....	1 161	1 41	199	33	12	7	453	86	7	4	18	115
<b>COLORADO</b>												
Colorado Springs.....	18		14				32					
Denver.....			14				14					
Pueblo.....	16		16				32					
3 other cities.....	1 30		25				55			2		2
<b>CONNECTICUT</b>												
Bridgeport.....	1 14	1 3					17	4		9		13
Bristol.....	2		4				6					
Hartford.....	2		19	1			22					
Meriden.....			5				5			1		1
New Britain.....	6	1					7					
New Haven.....	1 20	1 7					27	1 253				253
New London.....			10				10					
Norwalk.....	4						4					
Norwich.....	3						3					
Stamford.....	5		16	4			25					
Waterbury.....	13	4	8		1		26					
West Hartford.....	9		3	4			16					
West Haven.....	5						5					
15 other cities.....	1 16	2	19				37	1			3	4

\*\*More than one independent school district in the city.

1 Includes various types of handicapped children.

2 Includes some children in the hospital.

Table 8.—Children enrolled for home and hospital instruction in cities of 30,000 or more population, 1947-48—Continued

City	Home instruction							Hospital instruction				
	Crippled		Delicate		Epileptic		Total	Crippled		Delicate		Total
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary		Elementary	Secondary	Elementary	Secondary	
1	2	3	4	5	6	7	8	9	10	11	12	13
DELAWARE												
Wilmington	5		12				17					
FLORIDA												
Jacksonville								170	127			97
*Miami	109						100	28				28
Orlando	2						2					
Pensacola								18	8			26
West Palm Beach	10		2				12					
5 other cities	5		1				6	32	10			42
GEORGIA												
Atlanta								223	45			268
Columbus	3		5				8					
Trion	1						1	1				1
IDAHO												
Jerome	1	1					2	1				1
ILLINOIS												
**Alton	17						17					
Aurora	1						1					
Bloomington	7						7					
Chicago								41	38			79
Danville	6						6			1		1
**Decatur	5						5	2				2
East St. Louis	2						2	4		6		10
**Evanston	6	4					10	3				3
Joliet	4						4			3		3
Moline	16						16	2				2
**Oak Park	4						4					
**Peoria	13						13	42				42
**Quincy	5						5			3		3
Rock Island	26						26					
**Rockford	16						16	17		13		30
**Springfield	1						1			1		8
**Waukegan	1						1			1	5	6
79 other cities	170	8					178	11		3		14
INDIANA												
East Chicago	6	1	7	6			20					
Elkhart	2		4				6					
Gary	111	129					140					
Hammond	36	12					48					
Indianapolis	34	7					41	260		230	17	507
Kokomo	15						15					
Muncie		1	1				2					
Richmond	1						2					
Terre Haute	7	3					10					
21 other cities	140	15	4	2			51	6	3			9
IOWA												
Cedar Rapids	4	6					10					
Davenport	24	11					35					
Des Moines	16	5	7	6	4		38	41	12			43
Dubuque	6	3	4	4			17		1		1	2
Ottumwa	1						1	1				1
Sioux City	15	8	10	7			40					
31 other cities	69	15	22	3	1		110					

\* Report for whole county or district in which city is located.  
 \*\* More than one independent school district in city.  
 † Includes various types of handicapped children.  
 ‡ Includes some children in secondary grades.



Table 8.—Children enrolled for home and hospital instruction in cities of 30,000 or more population, 1947-48—Continued

City	Home instruction						Hospital instruction					
	Crippled		Delicate		Epileptic		Total	Crippled		Delicate		Total
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary		Elementary	Secondary	Elementary	Secondary	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>KANSAS</b>												
Hutchinson.....	3	1					4					
2 other cities.....			3				3	1	6			6
<b>KENTUCKY</b>												
Ashland.....	15						15					
Covington.....	12						12					
Lexington.....	5						5	31		8		39
Louisville.....	41		15				56	100				100
Newport.....	11						1					
Owensboro.....	15						15					
Paducah.....	15						15					
<b>LOUISIANA</b>												
Baton Rouge.....	2						2					
New Orleans.....								57		528		585
Shreveport.....	14						14	27				27
6 other cities.....	14	1					15	2				2
<b>MAINE</b>												
Portland.....	11		13		2		26	36		7		43
13 other cities.....	19		13			1	33	6		2		8
<b>MARYLAND</b>												
Baltimore.....	42		87				129	79		23		102
Cumberland.....	18	5					23					
Hagerstown.....	4						4					
16 other cities.....	28	9	3	4			44	1	2			3
<b>MASSACHUSETTS</b>												
Arlington.....	9	1	14				24					
Boston.....			600	89			689			90	17	107
Brocton.....	6	2	17	1			26	3		2		5
Brookline.....	3	2	4	5			14					
Cambridge.....	9	1	14				24					
Chelsea.....	2	1	1				4					
Chicopee.....		1	8				9					
Everett.....	10	9					19					
Fall River.....		18					18				24	24
Fitchburg.....	5						5					
Haverhill.....			11				11					
Holyoke.....	2	1	8	9			20					
Lawrence.....	10						10					
Lowell.....	25		5				30					
Lynn.....	141	121					62					
Malden.....	18	8	10	11			47					
Medford.....	2	18	20	19			59					
New Bedford.....	12		27				39	7		10		17
Newton.....	27	11					38	1	1			2
Pittsfield.....	2	2	2				6					
Quincy.....	11	12					13					
Revere.....	3	1					4					
Salem.....	6						6					
Somerville.....	8	1	20	17			46					
Springfield.....	20	5	10	3			38	15	5			20
Waltham.....	15						15					
Worcester.....	7		30				37	15		10		25
59 other cities.....	128	9	100	8	1		246	20	3	12		35

<sup>1</sup> Includes various types of handicapped children.

<sup>2</sup> Includes some children in the hospital.

<sup>3</sup> Includes some children in secondary grades.

Table 8.—Children enrolled for home and hospital instruction in cities of 30,000 or more population, 1941-18—Continued

City	Home instruction						Total	Hospital instruction				Total	
	Crippled		Delicate		Epileptic			Crippled		Delicate			
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary		Elementary	Secondary	Elementary	Secondary		
1	2	3	4	5	6	7	8	9	10	11	12	13	
MICHIGAN													
Dearborn.....	1	3	32				32						
Detroit.....				3	373		373	1	362				362
Flint.....	1	3	23				23						
Grand Rapids.....								1	3	138			138
Jackson.....					3	8	8				3	12	12
Lansing.....					3	30	30				3	4	4
Muskegon.....					3	25	25				3	3	3
Port Huron.....	1	3	29				29						
Saginaw.....											3	16	16
5 other cities.....	1	3	37		3	33	70	1	1,428		3	53	1,481
MINNESOTA													
Duluth.....				1	2		3						
Minneapolis.....	1	9	1	11			20	1	32	1	19		51
12 other cities.....	1	25	2		7		34				1		1
MISSOURI													
Kansas City.....								1	99	1	17		116
St. Louis.....	46				15		61						
5 other cities.....	5		4		1		10	67			77		144
MONTANA													
4 cities.....		4	2		2	1	9	11					11
NEBRASKA													
Alliance.....		2					2						
Lincoln.....	20				4		24	61					61
Omaha.....	37						37	21					21
NEVADA													
3 cities.....		21					21						
NEW HAMPSHIRE													
Manchester.....	11						11	1					1
Nashua.....	4				1		5	1					1
9 other cities.....	1	52	5		3		60						
NEW JERSEY													
Atlantic City.....	12		3				15						
Bayonne.....	1						7						
Bloomfield.....	5	3		4	2		26	1	1				2
Camden.....	10	1		20	1		32			3		2	5
Clifton.....	15			22			37	1			1	1	3
East Orange.....	8		1	7	1		17						
Elizabeth.....	1	25	1	25			50	1	2				2
Hoboken.....					2		2		1	3			4
Irvington.....	2						2	7	4				11
Jersey City.....	43	5					48	1	4				5
Kearny.....	3			5	3		11	3					3
Montclair.....	8		3				11						
New Brunswick.....												2	2
Newark.....	21		20				41	28	4				32
Orange.....	4			2			6	9					9
Passaic.....	15		7				22	4	3				7
Paterson.....				10			10	5			8		13
Perth Amboy.....	2						2				4		4
Plainfield.....				4	2		6	3					3
South Orange-Maplewood.....	4						4						
Trenton.....	6	1		4	6		17	10	7				17
Union City.....	4	1		3			8						
West New York.....	5			14			19						
94 other cities.....	1	129	4	28	4	89	25	3					3
								274	23	11	27	3	64

<sup>1</sup> Includes various types of handicapped children.

<sup>3</sup> Includes some children in secondary grades.

<sup>4</sup> 1948-49 data for one city.

Table 8.—Children enrolled for home and hospital instruction in cities of 30,000 or more population, 1947-48—Continued

City	Home instruction						Total	Hospital instruction				Total
	Crippled		Delicate		Epileptic			Crippled		Delicate		
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary		Elementary	Secondary	Elementary	Secondary	
1	2	3	4	5	6	7	8	9	10	11	12	13
NEW MEXICO												
Albuquerque.....	4	1	1	2			8					
10 other cities.....	26	5	1	9		1	42	35	16	16		67
NEW YORK												
Albany.....	10	7	15	2			34	5		14	2	21
Auburn.....								3		20	3	26
Binghamton.....								30	5	1		36
Buffalo.....	142	148					90	81		300		381
Ithaca.....								18	13			31
New York.....	427	236	685	225			1,573	747	64	132	97	1,040
Poughkeepsie.....											32	32
Rochester.....	8	5	19	5			37	5	1			6
Schenectady.....								16	13			29
Syracuse.....	10	9	8				27	2		26	15	43
Utica.....	1	3	15	14			13	6	3	1		10
Watertown.....								4		6	1	11
White Plains.....	2		3				5					
Yonkers.....	12	1	7	3			23					
NORTH DAKOTA												
3 cities.....	4		2				6	1	2			3
OHIO												
Akron.....	67						67		5			5
Canton.....	21	8					29					
Cincinnati.....	25	11					36	180	14			194
Cleveland.....	36	8					44					
Cleveland Heights.....		3					3					
Columbus.....	67	20					87	47	16			63
Dayton.....	120	18					138	43	6			49
East Cleveland.....		1					1					
Hamilton.....	17	20					37	5	2			7
Lakewood.....	5	7	2			3	17					
Lima.....	43	43	49	45			20					
Lorain.....		7					7					
Mansfield.....	3						3					
Marion.....	5		1				6					
Middletown.....	7						7					
Newark.....			8	7			15		1			1
Norwood.....			1	1			2			1		1
Springfield.....	3	2		2			7	2	3	1		6
Steubenville.....				1			1					
Toledo.....	20	3					23	45				45
Warren.....	11	2					13					
Youngstown.....	24	14					38			6	5	11
Zanesville.....			2				2					
92 other cities.....	130	27	78	11	1	1	248	125	1	11		137
OKLAHOMA												
Oklahoma City.....	6		2				8	1				1
Tulsa.....								13				13
2 other cities.....	2			1			3					
OREGON												
Portland.....	123	148					171	168		145		313
Salem.....	3	5	8	7	2	2	27					
23 other cities.....	136	10	40	13			99	2	10	8		20

<sup>1</sup> Includes various types of handicapped children.

<sup>4</sup> 1948-49 data for one city.

Table 3.—Children enrolled for home and hospital instruction in cities of 30,000 or more population, 1947-48—Continued

City	Home instruction							Hospital instruction					
	Crippled		Delicate		Epileptic		Total	Crippled		Delicate		Total	
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary		Elementary	Secondary	Elementary	Secondary		
1	2	3	4	5	6	7	8	9	10	11	12	13	
PENNSYLVANIA													
Allentown.....	4		41		3		48						
Easton.....	1	1	4				6						
Erie.....								1	1	3	3	8	
Harrisburg.....								4	2	8	2	16	
Hazleton.....	2	4	2	4			12						
Johnstown.....	3		12	5			20						
Lancaster.....	1		1				2						
Lower Merion Township.....			2	2			4						
New Castle.....								3	2	3	1	9	
Philadelphia.....	57		302				359						
Pittsburgh.....	68						68	17				17	
Upper Darby.....	4	3	8				15						
Wilkes-Barre.....					1		1						
Williamsport.....	1				3		4						
York.....	2	5	8		3		18						
70 other cities.....	69	29	124	35			257	1		4	2	7	
RHODE ISLAND													
Cranston.....	10		1				11						
East Providence.....	120						20						
Newport.....	8		4				12						
Pawtucket.....	10		21	2			33						
Providence.....	131	121					52	140	14			44	
Woonsocket.....	15						15						
9 other cities.....	15		28	2			45	1				1	
SOUTH CAROLINA													
Charleston.....			24				24						
Greenville.....	2		1				3						
Sumter.....	5	5	2	4			16						
SOUTH DAKOTA													
Sioux Falls.....								17				17	
3 other cities.....	1		1				4	2				2	
TENNESSEE													
Chattanooga.....	42						42	35		15		50	
Knoxville.....	5		4				9	40		10		50	
Memphis.....	10		5				15	31				31	
Nashville.....	10						10	35		5		40	
6 other cities.....	90		4				94						
TEXAS													
Austin.....	19	4					23	13	1			14	
**Beaumont.....	3						3						
Corpus Christi.....			5				5	20		5		25	
Dallas.....								35				35	
El Paso.....	10		25				35	5		3		8	
Galveston.....	6		2				8						
Houston.....	12						12			43		43	
Port Arthur.....			1				1						
Wichita Falls.....	17		14				31						
19 other cities.....	136	2	11	1			50	17	8			25	
UTAH													
Ogden.....	18	2	10			2	22						
Salt Lake City.....	142	124					66	144	14			48	
13 other cities.....	14		33	9			57	18	12	5		15	

\*\* More than one independent school district in city.

† Includes various types of handicapped children.



Table 8.—Children enrolled for home and hospital instruction in cities of 30,000 or more population, 1947-48—Continued

City	Home instruction						Hospital instruction					
	Crippled		Delicate		Epileptic		Total	Crippled		Delicate		Total
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary		Elementary	Secondary	Elementary	Secondary	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>VIRGINIA</b>												
Alexandria.....	4			1			5					
Lynchburg.....	3			1			4					
Norfolk.....	7	1	1	27	1		36	3	3	9		15
Petersburg.....				2			2					
Portsmouth.....	4			7	2		13					
Richmond.....	22	2	1	64	3		91	168	20	43	1	232
Roanoke.....	12	1	1	52	2		67					
15 other cities.....	16			25		1	42	52	5	55		112
<b>WASHINGTON</b>												
Everett.....				15			15					
**Seattle.....	111	51					162	397	301			698
Spokane.....	5			12			17	12		12		24
Tacoma.....	23	18		10	9		60			55	105	160
15 other cities.....	57	26	73	26	2		184	27		6	12	45
<b>WEST VIRGINIA</b>												
Clarksburg.....	4						4					
Huntington.....	13						13	103				103
*Parkersburg.....	36	4					40					
*Piedmont.....	2						2					
*Wheeling.....	10			8			18	4				4
16 other cities.....	57	5		14			76	8	7			15
<b>WISCONSIN</b>												
Kenosha.....	4			18		1	23					
Madison.....										20	1	21
Milwaukee.....	147	46					193	256	6	64	1	327
Racine.....	6			5			11					
<b>WYOMING</b>												
2 cities.....	6						6					
<b>DISTRICT OF COLUMBIA</b>												
Washington.....	84	71	40	38	2	3	238					
<b>Outlying Part of the United States</b>												
<b>TERRITORY OF HAWAII</b>												
*Honolulu.....	5	4	1				10	21	7	20	83	131

\* Report for whole county or district in which city is located.

<sup>1</sup> Includes various types of handicapped children.<sup>2</sup> Includes some children in the hospital.







47  
233  
115

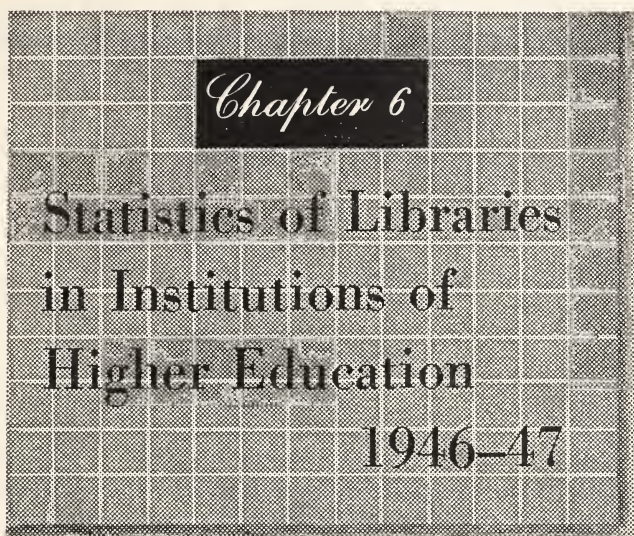
*Biennial Survey of Education in the United States—1946-48*

*Chapter 6*

Statistics  
of Libraries  
in Institutions of  
Higher Education

*1946-47*





*Prepared by WILLARD O. MISHOFF, Specialist for College and Research Libraries, and EMERY M. FOSTER, Head, Reports and Analysis Branch, Research and Statistical Service*

FEDERAL SECURITY AGENCY • OSCAR R. EWING, *Administrator*  
Office of Education • EARL JAMES McGRATH, *Commissioner*



The statistical reports in this study were edited and the data tabulated by Mary M. Willhoite, statistician, and the text was prepared by Willard O. Mishoff, specialist for college and research libraries, under the direction of Ralph M. Dunbar, chief, Service to Libraries Section, and Emery M. Foster, head, Reports and Analysis Branch, Research and Statistical Service.

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# CONTENTS

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	Page
Foreword.....	v
Introduction.....	1
Number and distribution of institutions of higher education.....	3
Book stock.....	4
Book circulation.....	6
Number of hours open per week for circula- tion.....	8
Library expenditures.....	9
Library personnel.....	11
Basic statistics of libraries of institutions of higher education, 1946-47.....	13
Summary of library statistics of institu- tions of higher education, 1939-40 and 1946-47.....	13
Unpublished library data from institutions of higher education, 1946-47.....	13
Appendix: Library statistics of institutions of higher education (Form 8-072 Rev. 1947).....	16

## TABLES

1. Number and distribution of institu- tions of higher education, and student enrollment, 1946-47.....	14
2. Book stock of libraries in institutions of higher education, 1946-47.....	14
3. Number of institutions of higher edu- cation, distributed by number of vol- umes added to library, 1946-47.....	15
4. Number of institutions of higher edu- cation, distributed by number of vol- umes in library at end of year, 1946-47.	15
5. Library book circulation of institutions of higher education, 1946-47.....	16
6. Number of institutions of higher edu- cation, distributed by number of hours open per week for library book circula- tion, 1946-47.....	16

	Page
7. Library expenditures of institutions of higher education, 1946-47.....	17
8. Number of institutions of higher education, distributed by amount of library operating expenditures, 1946-47.....	18
9. Library personnel and student library assistants of institutions of higher education, 1946-47.....	18
10. Number of institutions of higher education, distributed by size of full-time library staff, 1946-47.....	19
11. Statistics of book stock, student enrollment (regular session), book circulation, expenditures, and library staff of libraries of institutions of higher education, by State, 1946-47.....	20
12. Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47.....	22

# FOREWORD

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**T**HIS CHAPTER of the Biennial Survey of Education is the second in a new series of statistical reports on libraries in institutions of higher education.

The previous study, for 1939-40, was chapter VI of volume II of the Biennial Survey for 1938-40. Formerly statistics from all types of libraries had been combined in one study entitled *Statistics of Public, Society, and School Libraries*, for which the first collection of data was made in 1870.

HERBERT S. CONRAD  
*Chief, Research and Statistical Service*





# Statistics of Libraries in Institutions of Higher Education, 1946-47

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**L**IBRARY STATISTICS have come to be widely regarded as essential aids in the planning and measurement of library service in institutions of higher education. With the stimulus of grants from foundations and the Government in the decade preceding World War II, many library book collections and building facilities were modernized. College authorities needed facts with which to develop standards of library administration. Motivated by the need for Nation-wide library data, the American Library Association encouraged the establishment within the Office of Education of a section, one of whose major functions was to be the collection and publication of library statistics from higher educational institutions as well as from public and school libraries. This function has been performed with the technical assistance of the statistical service of the Office.

The purpose of this study is to present for the use of those especially concerned with library administration basic statistical data on the resources, use, finance, and personnel of libraries in institutions of higher education in the United States and its outlying parts. Specifically, this report is designed (1) to present State and National summaries of basic library data on the Nation-wide status of library service in higher educational institutions; (2) to provide detailed statistics on the libraries of the larger universities, colleges, and professional schools; and (3) to offer such interpretation of the data in the tables as may facilitate their application to problems of library administration.

The compilation for these institutions covers the fiscal year which closed any time during the period from July 1, 1946, to June 30, 1947.

Library data for 1946-47 were obtained by the Office of Education through the use of its form, "Library Statistics of Institutions of Higher Education" (Form 8-072 Rev. 1947), a copy of which is reproduced on pages 46-49. With some additions, deletions, and refinements (based on suggestions from the Higher Education Division of the Office of Education, the Bureau of the Budget, the Association of College and Research Libraries, and various library authorities), this blank called for information similar to that in the questionnaire (Form 8-072) used in the preceding survey of 1939-40.<sup>1</sup> The current blank was distributed to the institutions of higher education listed in the *Educational Directory, 1946-47*, Part 3,<sup>2</sup> through the president, who was requested to have the librarian supply as much of the data indicated as possible.

All returns from libraries of institutions of higher education were edited in the Office of Education for possible discrepancies, omissions, and misinterpretations, and inquiries were addressed to respondents when necessary. A relatively small proportion of defective returns on Form 8-072 Revised for 1946-47 was received as the respondents had had previous experience with a similar questionnaire (Form 8-072), which had been used by the American Library Association, the Association of College and Research Libraries, and some State library agencies for their collections of college and university library statistics since 1939 and by the Office in its 1939-40 collection. On the basis of the edited reports, summary tables and detailed tabulations were compiled and are presented in the following pages. Data on corresponding items from the survey of 1939-40 are included in the text wherever possible.

The library statistics of institutions of higher education for 1946-47 included in this compilation cover book stock, student enrollment served, library book circulation, hours of service, expenditures, and library personnel. These data were reported by librarians or other responsible higher educational officials and may be regarded as authoritative. Summary tabulations of library data, by type of institution (tables 1-10) are similar, except for State totals, to those published by the Office of Education in its study, *College and University Library Statistics, 1939-40*. Basic library data by States are summarized in a separate table (table 11). Library statistics are presented in detail (table 12) for individual institutions serving a total enrollment of 1,000 students or more during the regular session of

<sup>1</sup> U. S. Office of Education. *College and University Library Statistics, 1939-40*, by Ralph M. Dunbar and Emery M. Foster. Washington, U. S. Government Printing Office, 1943. 105 p. (Biennial Survey of Education in the United States, 1938-40.)

<sup>2</sup> U. S. Office of Education. *Educational Directory, 1946-47*, Part 3: Colleges and Universities Including All Institutions of Higher Education. Washington, U. S. Government Printing Office, 1947. 132 p.

the year reported. In the text and summary tables (tables 1-10), however, library data are included from all reporting institutions of higher education in the United States and outlying parts, regardless of the size of enrollment, for the fiscal year ended in 1947.

### ***Number and Distribution of Institutions of Higher Education***

The Nation-wide scope of this study is indicated by the number and distribution of institutions of higher education to which questionnaires were sent (table 1). This list was taken from the *Educational Directory, 1946-47*, and shows that there was a total of 1,700 institutions<sup>3</sup> of higher education in the United States and its outlying parts in 1946-47, of which 1,695 were in continental United States (table 1, column 2).

A total of 1,345 institutions of higher education in continental United States and its outlying parts submitted library reports for 1946-47 to the Office of Education (table 1, column 3), while 1,321 sent in returns in the survey of 1939-40. The returns for 1946-47 therefore represent an over-all coverage of 79.1 percent of the higher educational institutions in continental United States and its outlying parts, slightly exceeding the coverage of 77.7 percent in the survey of 1939-40.

The 1,340 institutions of higher education in continental United States which sent library reports for 1946-47 to the Office included 680, or 87.3 percent, of the 779 colleges and universities; 175, or 66.0 percent, of the 265 professional and technological schools; 178, or 82.4 percent, of the 216 teachers colleges and normal schools; and 307, or 70.6 percent of the 435 junior colleges (table 1, columns 2-4).

An analysis of the 355 nonrespondents to the library questionnaire (Form 8-072 Rev. 1947) shows that, of the 364 State or federally controlled institutions of higher education in continental United States only 32, or 8.8 percent, did not send library data for 1946-47 to the Office of Education. Of the 199 colleges and universities under district or city control 59, or 29.6 percent, did not reply. Of the 445 institutions under private control 125, or 28.1 percent, did not respond. Finally, of the 692 schools under denominational control 139, or 20.1 percent, did not send in returns. In general, those institutions of higher education that did not report library statistics to the Office of Education in the Nation-wide survey of 1946-47 enrolled fewer than 500 students each.

Some of the higher educational institutions did not include data on all the items in the library report form. Some of these institutions

<sup>3</sup> *Ibid.*, p. 7.



reported that they did not keep library records corresponding to some of the items on the questionnaire. For example, statistics of acquisition, circulation, and reference service were often either incompletely reported or omitted. Not infrequently institutions failed to report data on finance. No returns were used from institutions of higher education that did not report their total library book stock. Wherever statistics of student enrollment were reported inadequately by respondents, data available in the Office of Education were used.

Throughout this study, the library statistics reported by higher educational institutions included, as a rule, the central library and all its agencies, such as school and college libraries, departmental libraries, dormitory or fraternity libraries, and any other organized collections which, as integral parts of a college or university library system, distributed books or otherwise rendered library service to faculty, students, and others. All library agencies presumably were included, whether on the campus or elsewhere, provided that they were under the general direction and control of the college or university librarian.

In the use of library data from junior colleges it should be noted that their library facilities were sometimes combined with those of the high school, and occasionally with those of a 4-year college.

### ***Book Stock***

For the fiscal year ended in 1947, 1,311 institutions of higher education in continental United States reported to the Office of Education additions to their libraries totaling 3,602,198 volumes (table 2, column 4). In 1939-40, higher educational institutions in continental United States reported total acquisitions of 3,194,578 volumes. The term "volume," as defined in the report form (Form 8-072 Rev. 1947), is "any printed, typewritten, mimeographed, or processed work, bound or unbound, which has been cataloged or fully prepared for use." Respondents were requested not to count as a volume a single issue of a periodical unless it was cataloged as a separate item.

Of the total number of volumes added to the libraries in 1946-47 by institutions of higher education in continental United States reporting this item to the Office of Education, colleges and universities accounted for 80.5 percent; professional and technological schools, 7.2 percent; teachers colleges and normal schools, 7.5 percent; and junior colleges, 4.8 percent (table 2, columns 2 and 4). In 1946-47 these institutions enrolled a total of 1,903,342 undergraduate and graduate students. The additions to their libraries therefore averaged in that year 1.9 books per student. In 1939-40 higher educational institutions added 2.6 books per student. The decline in the number of books per student added to these libraries in 1946-47 may be accounted for in part by

a marked increase in postwar student enrollments and by a serious shortage of printed educational materials in the market.

According to the data for 1946-47, colleges and universities with an enrollment of 1,455,178 students added 2.0 books per student; professional and technological schools enrolling 140,537 students added 1.8 books per student; teachers colleges and normal schools with an enrollment of 148,264 added 1.8 books per student; and junior colleges with an enrollment of 159,363 students added 1.1 books per student.

If competence in the book selection is assumed, one indication of the current value of the library in a school or college is the number of volumes added annually to the collection. In 1946-47, the 11311 institutions of higher education reporting this item (table 3), 591, or 45.1 percent, added fewer than 1,000 volumes; 594, or 45.3 percent, 1,000 to 4,999 volumes; 107 or 8.2 percent, 5,000 to 24,999 volumes; and 19, or 1.4 percent, acquired 25,000 volumes or more.

Nearly half of these institutions added in 1946-47 fewer than 1,000 volumes (table 3, column 3). In this category were 178, or 26.5 percent of the reporting colleges and universities; 89, or 53.6 percent, of the professional and technological schools; 65, or 36.9 percent, of the teachers colleges and normal schools; and 259, or 87.0 percent, of the junior colleges.

In contrast with the meager acquisitions of many institutions of higher education were the extensive additions to relatively large libraries. Of the colleges and universities in continental United States reporting library additions in 1946-47 to the Office of Education 6, or 1.0 percent, acquired 50,000 volumes or more (table 3, column 9); 1, or 0.6 percent, of the professional and technological schools added from 10,000 to 14,999 volumes (table 3, column 6); 2, or 1.1 percent, of the teachers colleges and normal schools added from 5,000 to 9,999 volumes (table 3, column 5); and 39, or 13.1 percent, of the junior colleges acquired from 1,000 to 4,999 volumes (table 3, column 4).

Although the number of volumes in a library is not an entirely adequate measure of its usefulness in an educational program, experience has shown that the larger the library collection the more likely is its inclusion of significant titles. The 1,340 institutions of higher education in continental United States reporting their library holdings at the end of the fiscal year 1947 owned 94,300,665 volumes (table 2, column 7). Of these total holdings, colleges and universities contained 83.3 percent; professional and technological schools, 6.7 percent; teachers colleges and normal schools, 6.8 percent; and junior colleges, 3.2 percent.

In 1946-47 the 1,340 reporting institutions of higher education in continental United States enrolled a total of 1,952,935 students



and owned 48.3 books per student. Colleges and universities with a total enrollment of 1,487,318 students owned 52.8 books per student; professional and technological schools enrolling 152,046 students owned 41.4 books per student; teachers colleges and normal schools with an enrollment of 148,932 owned 43.3 books per student; and junior colleges with an enrollment of 164,639 students owned 18.4 books per student.

According to data reported for 1946-47 (table 4), 287, or 21.4 percent, of the higher educational institutions owned fewer than 10,000 volumes each; 720, or 53.7 percent, owned from 10,000 to 49,999; 246, or 18.4 percent, owned from 50,000 to 199,999; 76, or 5.7 percent, owned from 200,000 to 999,999; and 11, or 0.8 percent, owned 1,000,000 volumes or more each.

From the distribution table it may be seen that about one-fifth of the institutions of higher education in continental United States reported library holdings in 1946-47 of fewer than 10,000 volumes each (table 4, column 3). These small libraries were to be found in 28, or 4.1 percent, of the reporting colleges and universities; 48, or 27.4 percent, of the professional and technological schools; 9, or 5.1 percent, of the teachers colleges and normal schools; and 202, or 65.8 percent, of the junior colleges.

In contrast with these small collections were the extensive holdings of relatively large libraries. Eleven, or 1.6 percent, of the reporting colleges and universities owned 1,000,000 volumes or more at the end of the fiscal year 1947 (table 4, column 10); 3, or 1.7 percent, of the professional and technological schools, from 200,000 to 499,999 volumes (table 4, column 8); 5, or 2.8 percent, of the teachers colleges and normal schools, from 100,000 to 199,999 volumes (table 4, column 7); and 1, or 0.3 percent, of the junior colleges owned from 50,000 to 99,999 volumes (table 4, column 6) at the end of that fiscal year.

### ***Book Circulation***

Since library collections in schools and colleges exist primarily for service to their students and faculty, the measurement of their use is important. This use includes the consultation of library materials both inside and outside the library building. At present, the circulation of books for home use and the loan of reserved books are recorded separately by institutions of higher education with sufficient comparability to warrant the inclusion of these statistics in a Nationwide summary. To facilitate comparison of the reports on circulation of library books, respondents were requested to submit data according to the following practice:

Number of volumes lent should include pamphlets and periodicals as well as books, counting one for each lending by the library. Renewal of a book under library rules should also be counted as a loan. If it is found necessary to depart from these rules, this fact should be reported.

If audio-visual aids were included in the statistics of number of volumes lent, this fact was to be indicated on the report blank.

For the fiscal year 1947, 1,177 institutions of higher education in continental United States reported a total circulation for home use of 27,197,348 volumes (table 5, column 4). Of this total the colleges and universities accounted for 72.5 percent; professional and technological schools, 5.4 percent; teachers colleges and normal schools, 14.3 percent; and junior colleges, 7.8 percent. In 1939-40, higher educational institutions reported to the Office a total circulation for home use of 26,441,007 volumes.

These 1,177 institutions of higher education reported a total enrollment in 1946-47 of 1,817,893 undergraduate and graduate students and circulated for home use 15.0 books per student (table 5). Colleges and universities with an enrollment of 1,410,017 students circulated for home use 14.0 books per student; professional and technological schools enrolling 120,995 students, 12.1 per student; teachers colleges and normal schools with an enrollment of 138,713 students, 28.1 per student; and junior colleges with an enrollment of 148,168 students circulated for home use 14.4 books per student.

For the fiscal year 1947, 977 institutions of higher education in continental United States reported to the Office of Education a total circulation of 30,968,772 reserved books (table 5, column 7). Of this total, libraries in colleges and universities lent 81.5 percent; professional and technological schools, 2.7 percent; teachers colleges and normal schools, 10.8 percent; and junior colleges, 5.0 percent. In 1939-40, higher educational institutions reported to the Office a total reserved book circulation of 36,591,088 volumes.

These 977 institutions of higher education reported a total enrollment in 1946-47 of 1,657,979 undergraduate and graduate students and circulated 18.7 reserved books per student (table 5). Colleges and universities with an enrollment of 1,337,833 students circulated 18.9 reserved books per student; professional and technological schools enrolling 73,871 students, 11.5 per student; teachers colleges and normal schools with an enrollment of 125,536, 26.7 per student; and junior colleges with an enrollment of 120,739 students, circulated 12.6 reserved books per student.

The above-mentioned statistics of book loans are presented on a Nation-wide basis only as a general index of library use in higher educational institutions. The following qualifications, made by the

Office of Education in its preceding statistical survey of college and university libraries, remain applicable to the present study.

Interpretation of circulation for home use and of reserved books must be made with extreme caution, because the figures are affected by such factors as method of instruction, type of subjects taught, lay-out of building, regulations for the use of books, and living arrangements for the students.<sup>4</sup>

Interlibrary loan transactions are evidence of cooperation between institutions of higher education in the interest of broader scholarship and greater economy. In this way the specialized library resources of one campus are made available to students elsewhere, and unnecessary duplication of titles is avoided. The libraries of institutions of higher education in continental United States reporting these data to the Office of Education borrowed from other libraries during 1946-47 a total of 93,093 volumes (table 5, column 8) and lent 101,866 volumes (table 5, column 9). In 1939-40 higher educational institutions borrowed from other libraries 89,880 volumes and lent 65,896.

### *Number of Hours Open per Week for Circulation*

The usefulness of a library serving an institution of higher education depends to a large extent upon the number of hours it is open weekly for circulation. In 1946-47, a total of 1,283 of these institutions in continental United States reported to the Office of Education that they were open for circulation service on schedules ranging from less than 30 to more than 80 hours per week (table 6). From this tabulation it may be seen that these libraries were distributed by number of weekly hours of service as follows: 77, or 6.0 percent, were open less than 40 hours per week; 490, or 38.2 percent, 40 to 59 hours; 555, or 43.3 percent, 60 to 79 hours; and 161, or 12.5 percent, were open 80 hours or more per week.

According to the distribution table about 1 in every 16 of the institutions of higher education in continental United States reported that it opened its library for circulation during 1946-47 less than 40 hours per week (table 6, columns 3-4). In this group were 14, or 2.1 percent, of the colleges and universities; 13, or 8.5 percent, of the professional and technological schools; 3, or 1.7 percent, of the teachers colleges and normal schools; and 47, or 16.1 percent, of the junior colleges.

In contrast with this limited service, 161 higher educational institutions opened their libraries for circulation of materials 80 or more hours weekly (table 6, column 9). In this group were 130, or 19.5 percent, of the colleges and universities; 13, or 8.5 percent, of the pro-

<sup>4</sup> *College and University Library Statistics, 1939-40*, p. 9.



fessional and technological schools; 9, or 5.2 percent, of the teachers colleges and normal schools; and 9, or 3.1 percent, of the junior colleges.

It should be noted that local conditions of enrollment, instruction, residence, and financial support largely determine the number of hours daily and weekly during which the library of a higher educational institution may be open for the circulation of its materials. Experience has shown that the larger the student enrollment served, the longer the schedule of classes held, and the less adequate the study facilities provided in student residences, the greater is the number of hours school and college libraries find it necessary to be open.

### *Library Expenditures*

In 1946-47 the total library operating expenditures (excluding capital outlay) reported to the Office of Education by 1,279 institutions of higher education in continental United States amounted to \$34,621,588 (table 7, column 4). These expenditures were made for salaries of the library staff and for student service, for books and periodicals, binding, audio-visual materials, and for other purposes (excluding building maintenance and capital outlay). In 1939-40, higher educational institutions reported total library operating expenditures of \$17,976,231.

Of the total operating expenditures reported for 1946-47 by institutions of higher education, the sum of \$17,887,213, or 51.7 percent, was used for salaries of the library staff; \$3,050,791, or 8.8 percent, for student service; \$10,671,202, or 30.8 percent, for books and periodicals; \$1,273,418, or 3.7 percent, for binding; \$131,818, or 0.4 percent, for audio-visual materials; and \$1,595,637, or 4.6 percent, for other operating expenses (excluding building maintenance); and the relatively small sum of \$11,509 was undistributed (table 7).

The 1,279 institutions of higher education reporting library expenditures and enrolling 1,916,405 students averaged in 1946-47 \$18.07 per student (table 7, columns 2-4). Colleges and universities with an enrollment of 1,473,889 students spent for library operations in that year \$39.21 per student; professional and technological schools enrolling 135,840 students, \$15.70 per student; teachers colleges and normal schools with an enrollment of 147,734, \$17.51 per student; and junior colleges with an enrollment of 158,942 students spent for library operations \$10.04 per student. In 1939-40, the 1,241 higher educational institutions reporting library expenditures enrolled 1,174,214 students, and spent for library operations \$15.31 per student. Although double the amount of money was expended for library operation in 1946-47, the expenditure per student increased only 18 percent.

These data on operating expenditures per student assume special significance in the light of the following statement made in 1946 by the College and University Postwar Planning Committee of the American Library Association and Association of College and Reference Libraries:

The most generally accepted standard in college library circles has perhaps been that set up by the American Library Association Committee on the Classification of Library Personnel. This committee, on the basis of careful study in 1928 of the budgets of 100 colleges and universities, recommended an annual expenditure of \$25 per student enrolled, dropping to \$20 per student for those institutions with enrollments above 8,000.<sup>5</sup>

The above quoted standard has been generally recognized for more than 20 years by library authorities of institutions of higher education. Its ultimate modification is likely, however, as a result of current deliberations by a committee representing both the American Library Association and the Association of College and Reference Libraries.

The adequacy of library service to schools and colleges in a final analysis, depends largely upon the size of the annual operating budget. It may be of value, therefore, to note the distribution, by amount of operating expenditures, of the 1,279 institutions of higher education reporting these data to the Office of Education for 1946-47 (table 8). From this tabulation it may be seen that these institutions were distributed by size of annual library operating budget as follows: 350, or 27.4 percent, spent less than \$5,000; 675, or 52.7 percent, from \$5,000 to \$24,999; 184, or 14.4 percent, from \$25,000, to \$99,999; and 70, or 5.5 percent, spent \$100,000 or more for current operations.

According to the distribution table about one-eighth of the reporting higher educational institutions spent for library operations in 1946-47 less than \$3,000 (table 8, column 3). In this group were 38, or 5.7 percent, of the colleges and universities; 26, or 17.3 percent, of the professional and technological schools; 7, or 4.4 percent, of the teachers colleges and normal schools; and 89, or 30.6 percent, of the junior colleges.

In contrast with the meager library operating budgets of many institutions of higher education throughout the Nation were those of the relatively large establishments. In 1946-47, 19, or 2.9 percent, of the colleges and universities spent \$300,000 or more for library operations (table 8, column 10); 9, or 6.0 percent, of the professional and technological schools spent from \$50,000 to \$299,999 (table 8, columns 8-9); 24, or 13.9 percent, of the teachers colleges and normal schools;

<sup>5</sup> College and University Postwar Planning Committee of the American Library Association and the Association of College and Reference Libraries. *College and University Libraries and Librarianship*. Chicago, American Library Association, 1946. p. 19.



and 6, or 2.1 percent, of the junior colleges spent from \$25,000 to \$99,999 (table 8, columns 7-8).

The total capital outlay for library purposes reported to the Office of Education by institutions of higher education in continental United States amounted in 1946-47 to \$3,324,786 (table 7, column 11). This figure included expenditures for such items as library buildings, sites, and additions. Of this total, colleges and universities reported \$2,551,131, or 76.7 percent; professional and technological schools, \$63,225, or 2.0 percent; teachers colleges and normal schools, \$506,621, or 15.2 percent; and junior colleges, \$203,809, or 6.1 percent. In 1939-40, higher educational institutions reported a total capital outlay of \$4,270,470.

### *Library Personnel*

A total of 10,617 persons were employed in 1946-47 to operate the libraries of 1,340 institutions of higher education in continental United States as reported to the Office of Education. Of this number, 8,511 were full-time and 2,106 were part-time workers (table 9, columns 3-4). Of the total personnel, furthermore, 56.2 percent were professional librarians; 12.2 percent were subprofessional assistants; 27.9 percent were clerical and other library employees; and 3.7 percent were undistributed (table 9, columns 5-10). In 1939-40, higher educational institutions reported the employment of the full-time equivalent of 6,760 library workers, of whom 69.8 percent were professional; 8.7 percent, subprofessional; and 21.5 percent, clerical and other employees. The building maintenance force and student assistants paid on an hourly basis were not included in the data on library personnel in either of these surveys.

To provide an over-all view of the library personnel in higher educational institutions in 1946-47, a distribution is presented by size of full-time library staff (table 10), excluding students paid an hourly wage and the maintenance staff. Of the 1,262 institutions of higher education in continental United States reporting full-time library staff data for 1946-47, 817, or 64.7 percent, employed a library staff of 1 to 3 workers; 362, or 28.7 percent, from 4 to 20 employees; 67, or 5.3 percent, from 21 to 75 employees; and 16, or 1.3 percent, employed on the library staff more than 75 persons.

According to the distribution table about one-third of the reporting higher educational institutions employed on the library staff in 1946-47 only 1 full-time worker (table 10, column 3). In this group were 121, or 18.1 percent, of the colleges and universities; 58, or 38.4 percent, of the professional and technological schools; 36, or 20.6 percent, of the

teachers colleges and normal schools; and 179, or 66.8 percent, of the junior colleges. In relating the number of library personnel to the salary budget of many colleges under denominational control, it should be noted that services are frequently contributed to the library by members of religious orders.

Relatively few higher educational institutions employed large full-time library staffs. In this group were 9, or 1.3 percent, of the colleges and universities, which employed more than 100 library workers (table 10, columns 10-11); 2, or 1.3 percent, of the professional and technological schools with 21 to 50 library employees (table 10, column 7); 1, or 0.6 percent, of the teachers colleges and normal schools, with 21 to 50 library workers (table 10, column 7); and 4, or 1.5 percent, of the junior colleges which employed from 11 to 20 on the library staff (table 10, column 6).

The distinctions in library personnel between professional, sub-professional, and clerical workers called for by the Office of Education in its report form for library statistics of institutions of higher education represented, both in 1939-40 and in 1946-47, a classification recognized in general by the library profession. (See p. 49.) A need still exists for further clarification and understanding of personnel terms used for reporting library statistics. The enumeration of library employees in higher educational institutions by type of workers in terms of full-time personnel and full-time equivalents of part-time personnel likewise remains a problem.

Unless the number of part-time workers is expressed in terms of their equivalents in full-time workers, it is impossible to present figures which show the actual manpower available for carrying the service load of a given library.

The importance of part-time workers may be seen in the fact that schools and colleges for many years have relied heavily on student assistants to perform many manual or clerical services in the operation of their libraries. In 1946-47, institutions of higher education in continental United States reported to the Office of Education a total of 15,290 student assistants employed on an hourly basis (table 9, column 11). These students served a total of 5,190,390 hours paid for from the library budget (table 9, column 12). In that year colleges and universities employed 11,425 student assistants for a total of 4,197,972 hours; professional and technological schools, 808 students for 205,471 hours; teachers colleges and normal schools, 1,915 students for 598,014 hours; and junior colleges employed 1,142 student assistants for a total of 188,933 hours. The full-time equivalent of these part-time workers added to the number of full-time employees would give a more accurate Nation-wide presentation of the personnel utilized in institutions of higher education than is shown by the foregoing data.

## *Basic Statistics of Libraries of Institutions of Higher Education, 1946-47*

Basic library statistics of institutions of higher education in the United States and its outlying parts are presented (tables 11-12) covering book resources, use, expenditures and personnel as of 1946-47. In addition to total figures by State (table 11), detailed library data are presented for individual institutions of higher education in continental United States in three groups (table 12) by size of student enrollment as of the third week, fall term of 1946: (1) Group A, 5,000 and over; (2) Group B, 2,000 to 4,999; and (3) Group C, 1,000 to 1,999. The data in tables 11 and 12 are included in the summaries by type of institution (table 1-10).

## *Summary of Library Statistics of Institutions of Higher Education, 1939-40 and 1946-47*

For convenience of reference, summary statistics of libraries of institutions of higher education, based on reports to the Office of Education for 1939-40 and 1946-47, are presented below:

	1939-40	1946-47
Total number of institutions of higher education...	1, 699	1, 700
Number of institutions submitting report.....	1, 321	1, 345
Total number of volumes added during year.....	3, 194, 578	3, 602, 198
Total number of volumes at end of year.....	71, 666, 801	94, 300, 665
Number of volumes added per student.....	2. 6	1. 9
Number of volumes at end of year per student...	59. 8	48. 3
Total number of volumes circulated for home use...	26, 441, 007	27, 197, 348
Number of volumes circulated for home use per student.....	21. 7	15. 0
Total number of reserved books circulated.....	36, 591, 088	30, 968, 772
Number of reserved books circulated per student...	30. 0	18. 7
Total operating expenditures (excluding capital outlay).....	\$17, 976, 231	\$34, 621, 588
Operating expenditures per student.....	\$15. 31	\$18. 07
Total number of library employees (excluding student assistants).....	7 6, 760	10, 617

<sup>1</sup> Total number of full-time employees, plus full-time equivalent of part-time workers.

## *Unpublished Library Data From Institutions of Higher Education, 1946-47*

The Office of Education has received returns from 1,345 institutions of higher education in continental United States and its outlying parts in response to its request for library statistical data covering the fiscal

\* Preliminary data were issued by the Research and Statistical Service, Federal Security Agency, Office of Education, as follows:

*Library Statistics of Colleges and Universities with Enrollments of 5,000 Students or More, 1946-47.* (Circular No. 243, June 1948.)



year ended in 1947. Budgetary limitations have permitted the publication only of the State summaries and limited tabulations of data pertaining to individual institutions of higher education as contained in this report. On file in the Office and available to investigators are facts reported on Form 8-072 (Rev. 1947) by the libraries of these institutions for 1946-47 on such items as: Miscellaneous stock (uncataloged pamphlets; manuscripts; photos, pictures, prints; maps; slides, film slides; microfilms; films; sound recordings); newspapers and periodicals; reference questions; hours open per week for reading and study; and personnel classification. These data are available for consultation at the Federal Security Agency, Office of Education, Washington, D. C., and, within the limits of the available staff, may be used to answer individual inquiries by mail.

**Table 1.—Number and distribution of institutions<sup>m</sup> of higher education, and student enrollment, 1946-47**

Type of institution	Total number of institutions of higher education <sup>1</sup>	Number of institutions submitting report	Percent reporting	Student enrollment (regular session) <sup>2</sup>	
				Under-graduate	Graduate
1	2	3	4	5	6
<b>Continental United States</b> .....	<b>1,695</b>	<b>1,340</b>	<b>79.1</b>	<b>1,805,364</b>	<b>147,571</b>
Colleges and universities.....	779	680	87.3	1,354,036	133,282
Professional and technological schools.....	265	175	66.0	140,251	11,795
Teachers colleges and normal schools.....	216	178	82.4	146,438	2,494
Junior colleges.....	435	307	70.6	164,639	-----
<b>Outlying parts of the United States</b> ...	<b>5</b>	<b>5</b>	<b>100.0</b>	<b>11,894</b>	<b>263</b>
Colleges and universities.....	4	4	100.0	11,689	263
Junior colleges.....	1	1	100.0	205	-----

<sup>1</sup> Number listed in *Educational Directory, 1946-47*.

<sup>2</sup> Third week, fall term, 1946-47.

**Table 2.—Book stock of libraries in institutions of higher education, 1946-47**

Type of institution	Book stock added during year			Book stock at end of year		
	Total number of institutions reporting	Total student enrollment of institutions reporting	Number of volumes	Total number of institutions reporting	Total student enrollment of institutions reporting	Number of volumes
1	2	3	4	5	6	7
<b>Continental United States</b> .....	<b>1,311</b>	<b>1,903,342</b>	<b>3,602,198</b>	<b>1,340</b>	<b>1,952,935</b>	<b>94,300,665</b>
Colleges and universities.....	671	1,455,178	2,898,335	680	1,487,318	78,514,794
Professional and technological schools.....	166	140,537	258,652	175	152,046	6,297,154
Teachers colleges and normal schools.....	176	148,264	271,505	178	148,932	6,456,484
Junior colleges.....	298	159,363	173,706	307	164,639	3,032,233
<b>Outlying parts of the United States</b> .....	<b>5</b>	<b>12,157</b>	<b>21,268</b>	<b>5</b>	<b>12,157</b>	<b>325,798</b>
Colleges and universities.....	4	11,952	20,406	4	11,952	316,007
Junior colleges.....	1	205	862	1	205	9,791

Table 3.—Number of institutions of higher education, distributed by number of volumes added to library, 1946-47

Type of institution	Number of institutions reporting	Number of volumes added						
		Fewer than 1,000	1,000-4,999	5,000-9,999	10,000-14,999	15,000-24,999	25,000-49,999	50,000 or more
1	2	3	4	5	6	7	8	9
<b>Continental United States</b>	<b>1,311</b>	<b>591</b>	<b>594</b>	<b>59</b>	<b>26</b>	<b>22</b>	<b>13</b>	<b>6</b>
Colleges and universities	671	178	379	48	25	22	13	6
Professional and technological schools	166	89	67	9	1			
Teachers colleges and normal schools	176	65	109	2				
Junior colleges	298	259	39					
<b>Outlying parts of the United States</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>			
Colleges and universities	4	1		1	1			
Junior colleges	1	1						

Table 4.—Number of institutions of higher education, distributed by number of volumes in library at end of year, 1946-47

Type of institution	Total number of institutions reporting	Number of volumes in library							
		Fewer than 10,000	10,000-24,999	25,000-49,999	50,000-99,999	100,000-199,999	200,000-499,999	500,000-999,999	1,000,000 or more
1	2	3	4	5	6	7	8	9	10
<b>Continental United States</b>	<b>1,340</b>	<b>287</b>	<b>402</b>	<b>318</b>	<b>161</b>	<b>85</b>	<b>59</b>	<b>17</b>	<b>11</b>
Colleges and universities	680	28	200	190	108	70	56	17	11
Professional and technological schools	175	48	52	37	25	10	3		
Teachers colleges and normal schools	178	9	58	79	27	5			
Junior colleges	307	202	92	12	1				
<b>Outlying parts of the United States</b>	<b>5</b>	<b>1</b>	<b>2</b>			<b>2</b>			
Colleges and universities	4		2			2			
Junior colleges	1	1							



Table 5.—Library book circulation of institutions of higher education, 1946-47

Type of institution	Book circulation							
	Home use			Reserved books			Interlibrary loans	
	Total number of institutions reporting	Total student enrollment of institutions reporting	Number of volumes	Total number of institutions reporting	Total student enrollment of institutions reporting	Number of volumes	Number of volumes borrowed	Number of volumes lent
1	2	3	4	5	6	7	8	9
<b>Continental United States</b> .....	<b>1, 177</b>	<b>1, 817, 893</b>	<b>27, 197, 348</b>	<b>977</b>	<b>1, 657, 979</b>	<b>30, 968, 772</b>	<b>93, 093</b>	<b>101, 866</b>
Colleges and universities.....	635	1, 410, 017	19, 709, 525	560	1, 337, 833	25, 236, 114	71, 736	86, 595
Professional and technological schools.....	126	120, 995	1, 460, 227	74	73, 871	851, 592	7, 930	11, 291
Teachers colleges and normal schools.....	159	138, 713	3, 897, 258	138	125, 536	3, 355, 365	7, 537	3, 219
Junior colleges.....	257	148, 168	2, 130, 338	205	120, 739	1, 525, 701	5, 890	761
<b>Outlying parts of the United States</b> .....	<b>5</b>	<b>12, 157</b>	<b>162, 928</b>	<b>3</b>	<b>11, 582</b>	<b>203, 634</b>	<b>492</b>	<b>123</b>
Colleges and universities.....	4	11, 952	141, 873	3	11, 582	203, 634	492	128
Junior colleges.....	1	205	21, 055					

Table 6.—Number of institutions of higher education, distributed by number of hours open per week for library book circulation, 1946-47

Type of institution	Total number of institutions reporting	Number of hours open per week for circulation (regular session)						
		Less than 30	30-39	40-49	50-59	60-69	70-79	80 and more
1	2	3	4	5	6	7	8	9
<b>Continental United States</b> .....	<b>1, 283</b>	<b>30</b>	<b>47</b>	<b>221</b>	<b>269</b>	<b>310</b>	<b>245</b>	<b>161</b>
Colleges and universities.....	666	7	7	44	127	170	181	130
Professional and technological schools.....	152	5	8	41	20	36	29	13
Teachers colleges and normal schools.....	173		3	30	58	59	14	9
Junior colleges.....	292	18	29	106	64	45	21	9
<b>Outlying parts of the United States</b> .....	<b>5</b>			<b>1</b>		<b>2</b>	<b>1</b>	<b>1</b>
Colleges and universities.....	4					2	1	1
Junior colleges.....	1			1				

Table 7.—Library expenditures of institutions of higher education, 1946-47

Type of institution	Total number of institutions reporting	Total enrollment of institutions reporting	Operating expenditures							Capital outlay
			Total	Salaries		Books and periodicals	Binding	Audio-visual materials	Other (excluding building maintenance)	
				Library staff	Student service					
1	2	3	4	5	6	7	8	9	10	11
<b>Continental United States</b> .....	<b>1, 279</b>	<b>1, 916, 405</b>	<b>1 \$34, 621, 568</b>	<b>\$17, 887, 213</b>	<b>\$3, 050, 791</b>	<b>\$10, 671, 202</b>	<b>\$1, 273, 418</b>	<b>\$131, 818</b>	<b>\$1, 595, 637</b>	<b>\$3, 324, 786</b>
Colleges and universities.....	665	1, 473, 889	28, 307, 010	14, 310, 723	2, 522, 976	8, 984, 126	1, 058, 543	71, 609	1, 359, 033	2, 551, 131
Professional and technological schools.....	150	135, 840	2, 132, 435	1, 143, 531	136, 556	598, 257	100, 741	16, 379	136, 971	63, 225
Teachers colleges and normal schools.....	173	147, 734	2, 586, 469	1, 468, 943	285, 624	672, 711	76, 734	25, 606	56, 851	506, 621
Junior colleges.....	291	158, 942	11, 595, 674	964, 016	105, 635	416, 108	37, 400	18, 224	42, 782	203, 809
<b>Outlying parts of the United States</b> .....	<b>5</b>	<b>12, 157</b>	<b>230, 439</b>	<b>109, 827</b>	<b>15, 033</b>	<b>89, 201</b>	<b>10, 247</b>	<b>749</b>	<b>5, 382</b>	<b>6, 035</b>
Colleges and universities.....	4	11, 952	221, 504	103, 585	15, 033	87, 357	10, 247	-----	5, 282	6, 035
Junior colleges.....	1	205	8, 935	6, 242	-----	1, 844	-----	749	100	-----

1 Includes \$11, 500 undistributed.

**Table 8.—Number of institutions of higher education, distributed by amount of library operating expenditures, 1946-47**

Type of institution	Total number of institutions reporting	Amount of operating expenditures							
		Less than \$3,000	\$3,000-\$4,999	\$5,000-\$9,999	\$10,000-\$24,999	\$25,000-\$49,999	\$50,000-\$99,999	\$100,000-\$299,999	\$300,000 or more
1	2	3	4	5	6	7	8	9	10
<b>Continental United States</b> .....	1,279	160	190	324	351	132	52	51	19
Colleges and universities.....	665	38	58	167	199	94	40	50	19
Professional and technological schools.....	150	26	22	41	40	12	8	1	-----
Teachers colleges and normal schools.....	173	7	10	46	86	21	3	-----	-----
Junior colleges.....	291	89	100	70	26	5	1	-----	-----
<b>Outlying parts of the United States</b> .....	5	-----	-----	3	-----	-----	1	1	-----
Colleges and universities.....	4	-----	-----	2	-----	-----	1	1	-----
Junior colleges.....	1	-----	-----	1	-----	-----	-----	-----	-----

**Table 9.—Library personnel and student library assistants of institutions of higher education, 1946-47**

Type of institution	Total number of institutions reporting	Number of library personnel								Number of student library assistants	
		Total		Professional		Subprofessional		Clerical and others		Number employed on hourly basis	Total number of hours paid for from library budget
		Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time		
1	2	3	4	5	6	7	8	9	10	11	12
<b>Continental United States</b> .....	1,340	1 8,511	2 2,106	5 254	709	987	314	2,013	949	15,290	5,190,390
Colleges and universities.....	680	1 6,833	2 1,560	3,971	451	825	227	1,780	748	11,425	4,197,972
Professional and technological schools.....	175	569	221	398	97	60	32	111	92	808	205,471
Teachers colleges and normal schools.....	178	616	113	510	52	49	12	57	49	1,915	598,014
Junior colleges.....	307	493	212	375	109	53	43	65	60	1,142	188,933
<b>Outlying parts of the United States</b> .....	5	46	4	29	-----	5	4	12	-----	94	32,654
Colleges and universities.....	4	44	4	27	-----	5	4	12	-----	94	32,654
Junior colleges.....	1	2	-----	2	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Includes 257 undistributed.

<sup>2</sup> Includes 134 undistributed.

Table 10.—Number of institutions of higher education, distributed by size of full-time library staff, 1946-47

Type of institution	Total number of institutions reporting	Size of full-time library staff								
		1	2-3	4-10	11-20	21-50	51-75	76-100	101-150	150 or more
1	2	3	4	5	6	7	8	9	10	11
<b>Continental United States</b>	<b>1,262</b>	<b>394</b>	<b>423</b>	<b>297</b>	<b>65</b>	<b>52</b>	<b>15</b>	<b>7</b>	<b>5</b>	<b>4</b>
Colleges and universities.....	668	121	239	182	46	49	15	7	5	4
Professional and technological schools.....	151	58	47	33	11	2	-----	-----	-----	-----
Teachers colleges and normal schools.....	175	36	74	60	4	1	-----	-----	-----	-----
Junior colleges.....	268	179	63	22	4	-----	-----	-----	-----	-----
<b>Outlying parts of the United States</b>	<b>5</b>	<b>1</b>	<b>2</b>	-----	<b>1</b>	<b>1</b>	-----	-----	-----	-----
Colleges and universities.....	4	1	1	-----	1	1	-----	-----	-----	-----
Junior colleges.....	1	-----	1	-----	-----	-----	-----	-----	-----	-----

**Table 11.—Statistics of book stock, student enrollment (regular session), book circulation, expenditures, and library staff of libraries of institutions of higher education, by State, 1946-47**

State	Book stock		Student enrollment (regular session) <sup>1</sup>		Circulation			Operating expenditures						Library staff		
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved books	Total	Salaries		Books and periodicals	Binding	Audio-visual materials	Other (excluding building maintenance)	Capital outlay	Full-time	Part-time
								Library staff	Student service							
<b>Continental U. S.</b>	<b>3,692,198</b>	<b>94,300,665</b>	<b>1,805,364</b>	<b>147,871,277</b>	<b>197,348</b>	<b>36,863,772</b>	<b>\$334,621,658</b>	<b>\$17,857,213</b>	<b>\$83,050,791</b>	<b>\$10,671,202</b>	<b>\$1,273,418</b>	<b>\$131,818</b>	<b>\$1,595,637</b>	<b>\$3,324,786</b>	<b>8,511</b>	<b>2,106</b>
Ala.....	54,747	926,443	28,919	377	494,468	500,296	520,206	237,416	52,004	177,266	26,973	1,814	24,733	219,593	109	19
Ariz.....	16,829	305,870	8,429	283	178,239	237,182	120,143	58,977	17,507	32,967	427	3,284	3,284	12,107	27	3
Ark.....	21,502	530,177	14,791	123	230,380	293,646	170,826	84,177	34,352	51,637	7,290	3,362	3,362	2,421	50	22
Calif.....	201,331	4,928,315	134,665	13,202	2,312,997	1,811,736	2,703,007	1,340,672	334,857	806,545	123,262	5,084	92,587	119,704	558	224
Colo.....	73,417	1,458,505	24,568	1,469	397,920	820,702	469,672	224,833	66,721	143,007	20,404	-----	14,607	9,728	102	33
Conn.....	133,277	4,809,397	21,638	3,527	400,621	340,707	1,449,121	624,266	12,557	656,675	38,915	947	115,761	35,745	233	46
Del.....	6,054	123,090	2,018	186	24,326	1,863	40,722	27,200	1,541	11,207	6,676	12	86	-----	9	3
Ia.....	70,242	766,837	25,142	380	317,852	293,445	555,714	267,088	48,737	202,541	14,569	-----	28,779	500,068	127	11
Ka.....	67,847	998,639	31,375	627	389,321	568,570	497,954	228,349	41,009	184,346	21,983	348	21,913	112,044	117	30
Kan.....	15,285	208,827	6,714	116	61,100	67,777	96,432	44,409	15,625	24,876	8,374	2,360	808	-----	25	3
Ky.....	348,000	7,552,413	151,301	6,225	2,014,854	2,840,579	2,935,172	1,528,161	240,705	928,951	80,720	4,981	151,654	20,796	628	146
La.....	109,876	2,241,868	52,119	2,265	667,322	1,131,265	923,707	397,826	103,606	333,585	46,703	3,010	38,977	97,977	219	27
Ind.....	64,090	2,016,846	35,834	2,572	644,009	810,511	710,493	330,516	88,508	209,348	38,679	8,415	35,029	8,186	168	26
Iowa.....	40,893	1,338,868	32,025	3,181	456,743	524,946	463,523	220,394	77,309	127,723	18,020	3,437	16,640	21,100	107	18
Mo.....	57,524	1,237,156	26,732	861	412,515	318,703	420,845	213,368	31,154	141,678	16,604	7,760	10,281	15,162	117	41
Mass.....	53,687	1,105,505	31,999	1,458	535,715	464,142	609,186	312,371	58,336	164,075	25,840	21,000	27,564	18,573	148	26
Mich.....	23,108	671,277	6,808	113	112,384	136,246	133,092	68,364	11,003	44,501	5,456	327	7,441	1,321	39	14
Miss.....	56,022	1,569,177	24,484	2,739	307,776	201,099	475,214	260,773	35,801	117,877	28,975	716	31,082	4,597	144	14
Minn.....	111,060	8,375,872	40,756	13,466	859,459	943,306	1,560,940	808,793	57,177	396,046	47,302	531	166,086	27,354	437	114
Mo.....	104,471	2,711,249	70,245	5,866	790,419	1,674,471	1,314,109	736,147	123,411	383,628	26,168	2,456	42,299	11,703	304	25
Mont.....	102,919	2,514,305	48,439	2,784	709,067	236,795	805,910	428,457	61,536	239,338	48,970	404	27,205	364,911	187	56
Nebr.....	29,958	532,035	17,805	179	347,396	278,667	111,770	101,971	19,850	71,689	8,950	1,185	7,232	10,179	69	14
Neb.....	103,426	2,833,159	55,609	2,549	973,469	769,638	983,679	444,989	94,434	360,666	39,615	4,679	38,706	34,709	246	67
N.C.....	8,043	488,329	10,521	209	159,135	109,135	129,553	54,457	14,943	30,173	6,995	6,674	2,511	1,660	35	10
N.D.....	18,306	490,443	9,919	82	205,322	190,873	135,126	63,063	20,240	41,228	6,372	-----	3,159	3,159	29	16



Nev.....	1, 255	72, 058	1, 679	32	10, 654	39, 805	20, 202	11, 997	2, 557	4, 824	18, 063	225	11, 713	824	485	6
N. H.....	34, 256	887, 865	8, 326	143	167, 992	237, 240	292, 681	159, 584	17, 996	85, 070	44, 863	949	56, 404	167, 289	246	13
N. J.....	71, 606	2, 595, 188	30, 559	2, 820	842, 632	334, 235	913, 927	507, 661	37, 156	296, 894	9, 417	1, 50	10, 106	167, 289	33	
N. Mex.....	31, 164	303, 982	7, 523	205	174, 667	103, 039	193, 031	82, 804	19, 536	71, 018	8, 382	4, 295	163, 225	36, 450	349	
N. Y.....	349, 816	9, 705, 615	200, 985	45, 066	2, 193, 496	2, 903, 266	3, 725, 290	2, 375, 645	153, 178	941, 273	87, 674	4, 295	163, 225	36, 450	1, 137	
N. C.....	79, 762	2, 519, 702	41, 848	2, 657	925, 507	1, 139, 391	1, 013, 465	487, 436	91, 312	356, 205	24, 435	2, 443	51, 634	19, 167	251	
N. Dak.....	14, 181	352, 766	8, 809	77	130, 504	187, 388	98, 370	50, 072	8, 296	32, 553	2, 229	93	5, 127	59, 548	31	
Ohio.....	170, 444	5, 101, 538	112, 973	6, 450	1, 413, 729	2, 102, 584	1, 644, 314	823, 527	176, 211	518, 111	59, 413	12, 541	64, 506	56, 355	24	
Okla.....	47, 139	792, 063	26, 144	1, 171	439, 644	408, 686	369, 291	136, 819	58, 954	146, 032	8, 932	9, 775	8, 779	181, 764	101	
Oreg.....	39, 949	991, 930	21, 037	657	512, 534	515, 798	463, 400	228, 817	44, 636	93, 623	16, 091	2, 404	17, 829	32, 166	77	
Pa.....	199, 430	5, 602, 423	105, 964	8, 065	1, 476, 172	1, 244, 527	1, 843, 047	1, 001, 092	147, 118	558, 086	59, 815	1, 882	70, 675	444, 223	405	
R. I.....	27, 228	842, 158	8, 045	470	136, 218	123, 944	269, 077	141, 451	11, 004	84, 815	11, 410	9, 261	20, 367	20, 367	75	
S. C.....	46, 171	812, 661	19, 725	764	343, 156	210, 781	412, 555	188, 935	34, 340	165, 162	14, 753	9, 261	17, 104	94, 136	11	
S. Dak.....	22, 958	486, 054	8, 122	103	117, 794	93, 776	129, 311	57, 889	19, 493	40, 403	6, 678	5, 568	4, 280	25, 110	28	
Tenn.....	81, 176	1, 577, 913	33, 175	1, 380	710, 902	746, 353	681, 013	337, 129	85, 411	209, 018	23, 070	2, 194	24, 191	35, 337	178	
Tex.....	170, 479	2, 983, 438	100, 475	3, 764	1, 333, 486	1, 793, 516	1, 361, 358	696, 215	193, 066	439, 106	60, 908	5, 751	36, 192	347, 550	290	
Utah.....	27, 714	496, 123	19, 936	485	290, 474	147, 115	217, 289	96, 575	39, 932	76, 687	7, 806	1, 117	5, 122	1, 745	54	
Vt.....	15, 057	401, 011	4, 628	84	103, 687	43, 353	112, 853	63, 439	6, 337	33, 543	2, 111	---	7, 423	---	---	
Va.....	92, 708	2, 114, 477	33, 423	745	697, 082	407, 215	709, 901	449, 237	56, 624	199, 252	26, 578	676	37, 236	2, 433	37	
Wash.....	69, 436	1, 649, 439	35, 422	1, 987	540, 904	513, 768	645, 357	319, 128	103, 672	164, 851	27, 690	1, 634	23, 212	118, 921	55	
W. Va.....	27, 130	606, 931	20, 997	484	341, 573	413, 084	284, 566	120, 702	46, 508	65, 749	18, 388	2, 578	10, 441	5, 026	59	
Wis.....	46, 401	1, 249, 288	23, 232	649	401, 257	512, 190	369, 975	204, 744	18, 338	116, 516	9, 432	3, 691	17, 254	19, 708	36	
Wyo.....	3, 677	53, 534	3, 409	139	73, 797	35, 597	52, 733	27, 316	5, 195	12, 510	3, 549	---	4, 103	---	9	
D. C.....	37, 547	1, 276, 549	16, 003	4, 305	246, 975	238, 821	400, 219	202, 857	27, 956	125, 238	13, 879	525	23, 164	90, 453	101	
<b>Outlying parts of the United States</b>	<b>21, 288</b>	<b>325, 793</b>	<b>11, 594</b>	<b>263</b>	<b>162, 928</b>	<b>203, 634</b>	<b>230, 459</b>	<b>109, 827</b>	<b>15, 033</b>	<b>89, 201</b>	<b>10, 247</b>	<b>749</b>	<b>5, 332</b>	<b>6, 035</b>	<b>46</b>	
Alaska.....	1, 413	24, 080	370	---	3, 413	---	5, 154	3, 000	---	1, 680	474	---	---	---	1	
Canal Zone.....	8, 862	9, 791	205	---	21, 055	8, 935	8, 935	6, 242	---	1, 844	---	749	100	---	2	
Hawaii.....	11, 326	177, 942	2, 635	244	87, 659	86, 732	140, 800	65, 747	10, 080	52, 872	8, 022	---	4, 079	6, 035	26	
Puerto Rico.....	7, 667	113, 985	8, 684	19	50, 801	116, 902	75, 550	34, 838	4, 953	32, 805	1, 751	---	1, 203	---	17	

1 Third week, fall term, 1946-47.

2 Includes \$11,509 undistributed as follows: Mo., \$500; Pa., \$4,409; and D. C., \$6,600.

Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47

A. LIBRARIES SERVING 5,000 STUDENTS OR MORE

Name of institution and location	Book stock		Student enrollment (regular session) <sup>1</sup>		Circulation		Total hours per week for circulation (regular session)	Operating expenditures						Library staff			
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved books		Total	Library staff	Student service	Books and periodicals	Binding materials	Audio-visual materials	Other (excluding building maintenance)	Capital outlay	Full-time	Part-time
ALABAMA																	
Alabama Polytechnic Institute, Auburn.....	7,624	116,927	6,266	99	46,686	22,487	79	\$74,016	\$35,160	\$3,924	\$21,434	\$3,910	\$9,588		13	5	
University of Alabama, University.....	17,532	274,426	8,408	218	124,101	116,310	84	200,875	88,628	17,858	73,905	12,398	8,186	\$3,255	37	4	
CALIFORNIA																	
Los Angeles City College, Los Angeles.....	1,797	59,181	7,596		74,355	65,774	61	27,434	18,463	2,152	5,553	1,235		14			
Pasadena City College, Pasadena.....	1,326	37,917	5,098		60,811	9,983	36	39,545	27,445	600	9,600	1,000	900		6		
San Jose State College, San Jose.....	3,379	95,500	5,816	96	93,217	112,721	62	60,510	36,696	7,000	10,306	1,969	3,067	17	7		
Stanford University, Stanford University.....	17,986	743,793	5,392	2,821	196,765	215,614	82	361,500	160,000		180,000	9,500	12,000	75	4		
University of California, Berkeley Campus.....	46,761	1,422,494	17,964	3,945	341,227	390,777	88	750,899	336,306	174,906	174,573	36,116	28,998	119	21		
Los Angeles Campus.....	32,033	536,974	14,387	1,764	130,607	299,115	84	354,546	171,810	36,473	105,709	32,027	8,527	67	113		
Santa Barbara Campus.....	997	39,689	2,844		22,235			27,669	18,195	2,684	4,874	641	1,275	6			
COLORADO																	
University of Colorado, Boulder.....	34,616	655,593	7,077	481	98,652	400,477	89	146,844	66,810	28,115	43,432	3,387	5,100	28			
University of Denver, Denver.....	14,330	200,276	6,477	663	87,006	69,425	82	146,614	68,575	13,847	50,975	10,741	2,476	31	14		



Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47—Continued

A. LIBRARIES SERVING 5,000 STUDENTS OR MORE—Continued

Name of institution and location	Book stock		Student enrollment (regular session) <sup>1</sup>		Circulation		Total hours open per week for circulation (regular session)	Operating expenditures						Library staff			
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved books		Total	Salaries		Books and periodicals	Binding materials	Audio-visual materials (excluding maintenance)	Capital outlay	Full-time	Part-time	
									Library staff	Service							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
LOUISIANA																	
Louisiana State University, Baton Rouge.....	14,798	321,408	8,731	1,037	58,170	12,229	85	218,290	130,081	17,465	48,890	13,009	8,845	838			
Tulane University of Louisiana, New Orleans.....	8,708	318,757	5,499	395	71,292	100,310	77	101,943	48,298	13,497	24,391	3,523	12,234	9,099			
MARYLAND																	
Johns Hopkins University, Baltimore.....	22,511	760,371	5,276	1,187	50,227	100,517	79	175,652	100,830	11,491	36,323	13,205	13,703				
University of Maryland, College Park.....	8,381	199,919	7,696	1,119	50,227	100,517	89	108,389	45,001	12,791	32,091	6,959	11,547				
MASSACHUSETTS																	
Boston University, Boston.....	3,557	97,289	3,001	852	12,185	37,152	45	33,080	16,262	1,591	13,892	1,335					
Harvard University, Cambridge.....	4,968	316	6,084	8,544	210,323	325,955	52	681,522	382,237	15,931	176,837	13,100					
Massachusetts Institute of Technology, Cambridge.....	14,706	405,424	3,811	1,361	114,312	46,166	69	166,190	99,338	7,539	16,611	5,138					
MICHIGAN																	
Michigan State College, East Lansing.....	8,460	209,483	12,306	706	123,219	235,006	91	148,204	64,580	28,781	43,977	3,919	6,947				
University of Detroit, Detroit.....	5,314	135,658	7,024	1,115	68,636	19,419	61	38,910	17,251	5,639	13,231	1,372	1,417				
University of Michigan, Ann Arbor.....	34,036	309,730	16,032	3,124	209,231	954,888	84	614,307	398,012	38,188	162,597	15,600	15,600				
Wayne University, Detroit.....	23,728	296,538	10,285	1,721	96,416	120,431	76	212,435	88,621	21,158	80,713	11,768	10,175	9,889			
MINNESOTA																	
University of Minnesota, Minneapolis.....	52,051	1,474,580	24,479	2,624	270,357	708,722	79	426,815	218,849	18,187	142,043	37,532	10,204	122,994			







Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47—Continued

A. LIBRARIES SERVING 5,000 STUDENTS OR MORE—Continued

Name of institution and location	Book stock		Student enrollment (regular session) <sup>1</sup>		Circulation		Total hours open per week for circulation (regular session)	Operating expenditures						Library staff			
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved books		Total	Salaries	Books and periodicals	Binding materials	Audio-visual materials	Other (excluding building maintenance)	Capital outlay	Full-time	Part-time	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	12,482	279,335	8,894	952	83,491	87,905	82	123,679	40,679	20,000	63,000					31	
OKLAHOMA																	
University of Oklahoma, Norman	9,627	221,808	6,856	272	66,354	121,710	84	124,658	67,661	26,597	19,553	5,430	5,417	5,417	1,514	24	49
	10,772	391,884	5,661	322	272,646	269,749	94	142,684	96,198		33,370	6,036	935	6,145		24	28
OREGON																	
Oregon State College, Corvallis	13,493	280,237	8,240	695	90,541	102,487	88	179,596	92,840	31,086	42,010	5,800		7,860	3,515	46	
University of Oregon, Eugene	14,610	222,766	5,407	1,023	63,615	102,300	76	135,850	77,820	8,841	38,279	3,104		7,806	3,002	39	1
PENNSYLVANIA																	
Pennsylvania State College, State College	29,365	1,132,465	14,280	3,085	167,570	246,018	80	330,027	203,812	22,883	76,891	18,064		8,377	123,492	91	1
Temple University, Philadelphia	25,000	482,000	11,290	1,396	124,600	81,055	71	180,143	74,762	10,000	89,880			5,501	4,000	49	2
University of Pennsylvania, Philadelphia																	
University of Pittsburgh, Pittsburgh																	
TENNESSEE																	
University of Tennessee, Knoxville	13,928	275,381	7,793	612	101,777	151,639	85	165,680	86,399	17,018	51,152	5,764	21	5,326	5,193	64	
TEXAS																	
Agricultural and Mechanical College of Texas, College Station	10,066	130,651	8,350	301	62,275	81,932	86	104,754	52,974	3,592	44,715			3,473		22	6

Southern Methodist University, Dallas.....	21,653	230,149	7,198	311	107,237	158,774	78	117,620	42,635	15,112	54,169	3,243	2,461	1,071	21
Texas Technological College, Lubbock.....	2,691	65,592	6,695	99	62,332	40,755	79	82,900	39,400	12,500	27,900	3,100	110	60,000	16
University of Houston, Houston.....	4,833	31,665	8,023	284	47,000	10,108	71	36,444	8,838	9,207	16,811	1,478	9,122	4	
University of Texas, Austin.....	32,055	832,786	16,006	1,254	173,733	828,133	82	302,437	131,218	62,928	83,530	15,639	9,122	53	
UTAH															
University of Utah, Salt Lake City.....	10,874	189,540	8,343	225	224,166	45,700	79	101,031	39,045	18,620	32,954	5,652	4,760	1,531	24
WASHINGTON															
State College, Pullman.....	22,142	592,930	6,317	432	88,772	153,678	87	131,823	72,028	30,780	18,907	4,969	5,139	5,896	36
University of Washington, Seattle.....	20,513	494,730	14,116	1,478	169,831	205,631	80	308,048	136,633	47,730	93,200	17,636	13,449	77	
WEST VIRGINIA															
West Virginia University, Morgantown.....	8,878	202,167	5,672	347	59,410	146,820	79	99,898	39,071	25,249	20,731	8,719	4,289	3,955	1
WISCONSIN															
Marquette University, Milwaukee.....	7,065	153,479	7,005	375	31,652	43,450	67	50,535	22,976	2,762	20,252	2,302	2,243	13	

## B. LIBRARIES SERVING 2,000 TO 4,999 STUDENTS

ALABAMA															
Tuskegee Institute, Tuskegee Institute.....	5,000	75,000	2,558	60	35,590	42,292	63	51,527	23,280	6,201	17,000	3,000	1,971	75	13
ARIZONA															
Arizona State College, Tempe.....	3,083	49,650	2,094	86	23,778	3,065	82	24,997	13,021	3,074	7,207	951	744	5	
University of Arizona, Tucson.....	6,946	195,909	4,087	155	37,098	219,010	79	55,806	27,186	9,265	13,033	4,767	1,555	10,970	13
ARKANSAS															
University of Arkansas, Fayetteville.....	8,079	226,123	4,288	123	57,257	89,986	78	62,341	30,052	7,680	19,349	3,588	1,672	1,421	16
CALIFORNIA															
California State Polytechnic College, San Luis Obispo.....	2,264	9,913	2,150	-----	10,082	10,538	68	21,201	9,242	3,765	6,547	675	566	466	4
City College of San Francisco, San Francisco.....	2,836	30,163	4,900	-----	64,005	15,648	46	33,661	25,107	-----	6,140	674	1,333	407	6
College of the Pacific, Stockton.....	2,136	43,425	2,678	58	26,621	69,319	72	22,302	10,982	2,668	6,599	1,252	801	5	
Compton District Junior College, Compton.....	480	23,530	4,437	-----	13,500	19,000	48	9,480	6,183	630	1,670	743	254	743	3

See footnotes at end of table.

Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47—Continued

B. LIBRARIES SERVING 2,000 TO 4,999 STUDENTS—Continued

Name of institution and location	Book stock		Student enrollment (regular session) <sup>1</sup>		Circulation		Total hours open per week for circulation (regular session)	Operating expenditures						Library staff				
	Num-ber of vol-umes added during year	Num-ber of vol-umes at end of year	Under-graduate	Grad-uate	Home use	Reserved books		Total	Li-brary staff	Stu-dent ser-vice	Books and period-icals	Bind-ing	Audio-visual mate-rials	Other (exclud-ing build-ing main-tenance)	Cap-ital out-lay	Full-time	Part-time	
																		2
CALIFORNIA—Continued																		
Fresno State College, Fresno.....	2,731	69,051	3,077				66	32,408	24,248									
Long Beach City College, Long Beach.....	1,873	38,967	3,594		69,221		63	22,452	15,164	1,738	107,098	660	1,062	14,340				7
San Francisco State College, San Francisco.....	4,853	63,392	2,421	85	41,049	41,671	45	52,469	30,116	4,917	14,027	1,108	2,301					4
University of San Francisco, San Francisco.....	2,549	46,900	2,602		11,513	8,867	65	43,109	20,096		16,407	2,126	4,480					10
COLORADO																		
Colorado Agricultural and Mechanical College, Fort Collins.....	3,912	121,963	3,457	61	34,576	27,048	93	43,490	25,400	5,846	8,239	1,727	2,278	1,275				11
FLORIDA																		
Florida State University, Tallahassee.....	4,815	112,071	3,875	74	70,016	113,016	73	64,384	45,152	1,500	14,833	2,396	503					22
GEORGIA																		
University System of Georgia Cen-ter, Atlanta.....	3,474	20,250	4,221		6,425	29,646	60	13,821	4,887		118,934							2
IDAHO																		
University of Idaho, Moscow.....	5,447	118,243	3,451	110	29,327	31,279	70	45,865	21,222	9,231	10,475	4,337						10





Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47—Continued

B. LIBRARIES SERVING 2,000 TO 4,999 STUDENTS—Continued

Name of institution and location	Book stock		Student enrollment (regular session) 1		Circulation		Total hours open per week for circulation (regular session)	Operating expenditures						Library staff				
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved books		Total	Salaries	Books and periodicals	Binding materials	Audio-visual materials	Other (excluding building maintenance)	Capital outlay	Full-time	Part-time		
																	Library staff	Student service
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	
<b>MASSACHUSETTS</b>																		
Boston College, Chestnut Hill	6,578	207,877	2,271	365	23,924	27,793	43	35,980	20,174	3,139	7,699	625	---	4,343	---	---	10	1
Smith College, Northampton	9,870	335,429	2,134	142	50,722	20,885	95	88,669	57,955	---	23,350	3,484	---	3,842	9,744	---	27	7
Tufts College, Medford	8,838	191,104	2,890	943	30,705	54,418	87	46,946	24,284	4,597	12,608	3,682	---	1,775	---	---	14	---
University of Massachusetts, Amherst	3,719	146,060	1,905	144	12,000	2,457	86	32,896	22,440	2,456	6,200	1,000	---	1,800	---	---	11	1
<b>MICHIGAN</b>																		
Detroit Institute of Technology, Detroit	1,322	11,376	2,840	---	4,400	1,700	55	9,350	6,750	---	2,250	150	---	200	---	---	4	3
Western Michigan College of Education, Kalamazoo	3,512	67,200	4,353	112	38,520	53,518	77	43,881	26,090	6,081	9,399	1,029	---	1,281	471	---	12	---
<b>MISSISSIPPI</b>																		
Mississippi State College, State College	3,250	79,708	3,394	113	21,850	16,721	77	22,388	10,784	2,434	6,395	1,598	---	1,177	389	---	5	1
University of Mississippi, University	9,055	121,782	2,752	66	33,819	44,327	84	50,577	17,943	4,429	21,357	4,291	---	2,567	616	---	15	1
<b>MISSOURI</b>																		
Junior College of Kansas City, Kansas City	1,674	35,962	2,245	---	28,823	58,177	56	12,000	9,500	800	1,700	---	---	3,075	---	---	4	---
Stephens College, Columbia	2,063	46,215	2,240	---	65,112	83,483	70	61,293	39,446	3,797	9,159	1,329	4,487	---	---	---	19	---
University of Kansas City, Kansas City	9,474	176,903	3,173	181	30,213	16,415	68	74,804	22,167	---	45,757	5,626	---	1,254	---	---	13	---





Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47—Continued

B. LIBRARIES SERVING 2,000 TO 4,999 STUDENTS—Continued

Name of institution and location	Book stock		Student enrollment (regular session) <sup>1</sup>		Circulation		Total hours open per week for circulation (regular session)	Operating expenditures						Library staff			
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved books		Total	Library staff	Salaries	Books and periodicals	Binding materials	Audio-visual materials	Other (excluding building maintenance)	Capital outlay	Full-time	Part-time
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>
<b>NORTH DAKOTA</b>																	
North Dakota Agricultural College, State College.....	3,846	60,659	3,231	1,149	8,232	1,149	72	24,204	13,143	739	9,439	300	583	583	8	2	
University of North Dakota, University.....	3,122	130,453	2,456	76	23,757	21,702	91	28,059	11,887	2,780	8,080	1,521	3,791	3,791	5	5	
<b>OHIO</b>																	
Bowling Green State University, Bowling Green.....	5,733	85,347	3,921	28	74,089	71,499	80	53,738	22,200	9,066	17,772	3,660	1,040	1,040	8	8	
Franklin University, Columbus.....	2,300	22,150	2,975	5	9,651	3,850	30	19,500	3,300	5,600	5,600	4	7,000	7,000	4	4	
John Carroll University, Cleveland.....	2,875	42,104	2,250	5	15,980	3,850	63	22,770	8,129	231	12,464	1,404	542	395	6	6	
Miami University, Oxford.....	7,824	200,032	4,528	69	119,429	129,673	87	44,950	19,100	4,000 <sup>10</sup>	21,250	800	40,000	40,000	8	1	
Oberlin College, Oberlin.....	8,095	464,459	2,083	265	107,335	31,973	80	109,263	69,994	7,422 <sup>13</sup>	23,044	5,600	3,203	969	29	13	
Ohio Wesleyan University, Delaware.....	5,028	180,102	2,104	21	31,612	76,414	83	41,785	12,103	11,755	11,216	1,087	5,498	5,498	13	3	
University of Akron, Akron.....	3,782	76,152	3,180	52	18,600	56,246	65	46,398	21,522	5,098	11,216	2,478	2,384	2,384	8	3	
University of Toledo, Toledo.....	5,102	131,219	4,264	36	55,189	39,659	74	36,117	19,775	3,600	11,010	832	900	900	8	1	
Youngstown College, Youngstown.....	4,625	40,745	4,559	14,692	14,692	25,948	68	14,577	8,226	2,487	2,600	2,487	1,264	1,264	6	1	
<b>OKLAHOMA</b>																	
Oklahoma City University, Oklahoma City.....	4,742	24,791	2,080	16,932	16,932	4,342	64	25,780	8,450	4,815	10,299	139	2,077	355	5	5	
University of Tulsa, Tulsa.....	6,111	91,064	2,940	24,442	24,442	44,706	75	41,622	13,406	5,303	19,650	2,771	2,290	14,569	11	11	

PENNSYLVANIA													
3,253	105,228	2,122	57	29,033	18,442	73	34,704	16,180	4,889	11,782	920	933	13
6,871	55,666	3,162	266	47,518		64	68,738	26,813	3,468	29,153	2,603	6,701	11
4,421	91,722	3,358	104			68	33,105	21,970	585	9,800	300	750	10
1,569	40,151	3,860	167	24,901	2,275	71	16,189	10,750	4,625	4,625	300	514	7
4,374	235,511	3,036	346	37,079	7,873	82	57,085	34,360	1,500	14,480	3,428	3,317	14
RHODE ISLAND													
19,947	678,851	3,432	430	78,468	111,706	83	207,627	109,819	7,668	67,024	8,344	14,772	58
4,377	87,977	2,094	40	13,171	10,919	89	38,021	15,882	2,365	13,830	2,131	4,207	8
SOUTH CAROLINA													
13,122	88,407	2,858	5	29,450	17,857	88	76,028	22,900	5,593	39,992	2,861	4,682	18
11,031	216,762	4,074	548	36,463	42,624	79	133,254	71,635	13,251	28,990	5,458	6,500	37
TENNESSEE													
26,083	489,089	3,732	662	222,056	187,265	80	178,779	73,670	28,223	58,794	8,877	9,215	35
924	29,698	2,102	37	11,838	68,522	75	37,100	19,650	3,450	11,450	1,000	1,550	10
TEXAS													
2,742	40,765	2,250	138		63,588	69	22,637	11,099	3,437	7,321	300	480	5
306	12,286	2,506		9,170	1,408	48	4,750	2,700	2,700	1,800	200	50	1
2,289	38,024	1,959	158			75	20,014	10,675	2,456	6,428	455		3
1,358	24,831	2,498		18,404	8,665	73	21,129	15,000		4,550	779	300	5
9,117	175,787	3,611	192	132,370	9,727	81	84,212	34,431	20,472	24,128	2,118	3,063	15
5,086	80,440	2,671	129	45,582	10,300	80	43,573	22,988	4,364	10,747	1,873	1,215	9
4,599	99,469	2,558	54	49,422	63,234	80	51,849	25,776	4,980	17,949	1,794	1,350	10
UTAH													
3,744	149,469	4,603	96			74	43,736	26,136	11,400	6,200			7
10,674	111,266	4,315	164	41,503	71,658	80	47,701	15,214		30,779	1,708		15

See footnotes at end of table.

Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47—Continued

B. LIBRARIES SERVING 2,000 TO 4,999 STUDENTS—Continued

Name of institution and location	Book stock		Student enrollment (regular session) <sup>1</sup>		Circulation		Total hours open per week for circulation (regular session)	Operating expenditures						Library staff			
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved books		Total	Library staff	Salaries	Books and periodicals	Binding materials	Audio-visual materials	Other (excluding building maintenance)	Capital outlay	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
VIRGINIA																	
University of Richmond, Richmond	3,220	115,000	3,020	36	34,012	10,080	65	23,642	13,850	1,420	7,114	228	---	1,080	---	8	1
University of Virginia, Charlottesville	23,135	484,826	4,051	292	62,886	85,276	92	223,594	126,015	21,436	47,355	10,492	---	18,296	---	60	---
Virginia Polytechnic Institute, Blacksburg	2,912	118,833	4,660	311	31,756	10,084	78	49,040	34,923	60	9,710	2,350	---	1,997	234	15	19
WASHINGTON																	
Seattle College, Seattle	1,557	34,291	2,659	14	11,246	23,603	74	16,647	6,635	4,626	10,386	---	---	---	---	3	9
WEST VIRGINIA																	
Marshall College, Huntington	2,461	59,481	3,196	137	50,087	24,282	72	27,952	13,940	3,514	6,831	2,872	---	795	1,071	8	1
WYOMING																	
University of Wyoming, Laramie	5,402	133,224	2,823	139	73,797	55,597	79	50,878	27,316	5,195	10,655	3,549	---	4,163	---	9	---
DISTRICT OF COLUMBIA																	
American University, Washington	2,343	88,308	2,193	---	16,383	25,692	84	27,870	14,414	5,446	6,277	636	500	597	308	6	1
Catholic University of America, Washington	6,318	329,092	2,430	1,785	39,738	14,468	73	101,481	52,533	4,500	28,805	4,333	---	11,310	---	32	3
Georgetown University, Washington	4,934	389,208	2,679	1,597	19,201	16,989	66	56,915	32,087	3,044	16,593	4,390	---	801	---	11	5
Howard University, Washington	11,366	237,252	4,202	521	78,924	77,353	84	110,220	53,312	6,315	46,693	646	---	3,254	---	31	1



## C. LIBRARIES SERVING 1,000 TO 1,999 STUDENTS

ALABAMA														
Birmingham-Southern College, Birmingham.	3,450	63,447	1,481	15,607	15,077	55	26,438	12,509	2,928	8,438	1,749	814	4	2
Howard College, Birmingham.	2,845	34,739	1,226	34,079	44,110	70	26,925	14,610	4,016	7,010	1,121	2,980	8	1
State Teachers College, Florence.	2,586	47,140	1,052	22,335	30,865	69	13,792	4,147	2,601	4,984	1,851	209	2	1
State Teachers College, Montgomery.	1,492	13,407	1,255	539	49,016	57	18,770	9,788	-----	7,567	664	679	5	1
ARIZONA														
Phoenix Colleg. Phoenix.	1,528	17,898	1,084	63,789	-----	47	10,087	7,029	1,042	1,367	297	352	3	---
ARKANSAS														
Arkansas Polytechnic College, Russellville.	871	15,813	1,158	6,356	21,380	63	9,737	4,343	3,163	2,059	172	448	2	2
Arkansas State College, State College.	1,230	21,825	1,000	18,679	2,908	58	11,472	7,027	1,257	2,403	329	8	4	---
Arkansas State Teachers College, Conway.	1,188	38,496	1,061	22,007	21,692	64	11,204	5,182	2,010	3,200	337	475	5	1
CALIFORNIA														
Bakersfield College, Bakersfield.	893	12,561	1,147	15,552	9,628	51	9,118	5,643	582	2,638	255	-----	2	---
California Institute of Technology, Pasadena.	2,167	65,419	798	34,344	69,893	45	42,530	23,280	1,450	17,800	-----	-----	11	2
Chaifley College, Ontario.	1,258	39,016	1,145	27,649	14,822	50	15,048	10,344	1,007	9,697	-----	752	7	---
Chico State College, Chico.	1,610	33,982	1,138	25	-----	59	27,982	13,753	5,369	4,308	3,800	-----	6	---
East Los Angeles Junior College, Los Angeles.	942	1,642	1,052	5,878	-----	40	7,530	5,780	-----	1,750	-----	-----	1	1
George Pepperdine College, Los Angeles.	1,913	26,344	1,142	25,394	17,435	71	16,591	7,214	3,157	3,752	113	530	2	2
Loyola University, Los Angeles.	1,831	33,432	1,541	8,816	-----	57	26,332	6,396	335	11,552	310	7,739	3	1
Modesto Junior College, Modesto.	694	24,746	1,521	10,863	21,677	57	13,777	11,740	1,300	2,687	-----	12,000	5	---
Pomona College, Claremont.	2,000	109,798	1,150	31,001	85,729	83	27,165	10,718	2,439	8,160	1,034	4,704	5	---
San Bernardino Valley College, San Bernardino.	1,836	25,218	1,256	11,855	2,941	10	11,591	7,845	745	2,468	243	200	3	---
Santa Monica City College, Santa Monica.	889	12,012	1,434	19,964	-----	44	7,386	5,100	228	1,630	428	-----	4	---
Santa Rosa Junior College, Santa Rosa.	-----	12,214	1,310	14,534	-----	52	6,640	5,249	-----	1,391	-----	-----	2	---
Stockton Junior College, Stockton.	350	8,950	1,005	-----	-----	40	15,250	8,950	-----	5,250	400	600	3	---
Taft Junior College, Taft.	3,498	106,410	1,043	36,897	48,208	75	37,231	17,950	7,306	8,537	2,024	1,414	8	---
University of Redlands, Redlands.	840	6,306	1,309	10,497	-----	43	12,268	9,281	-----	2,038	949	-----	1	---

See footnotes at end of table.



Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47—Continued

C. LIBRARIES SERVING 1,000 TO 1,999 STUDENTS—Continued

Name of institution and location	Book stock		Student enrollment (regular session) 1		Circulation		Total hours open per week for circulation (regular session)	Operating expenditures						Library staff			
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved books		Total	Salaries		Books and periodicals	Binding materials	Audio-visual materials	Other (excluding building maintenance)	Capital outlay	Full-time	Part-time
									Library staff	Student service							
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>
<b>COLORADO</b>																	
Colorado College, Colorado Springs.....	2,860	136,594	1,077	48	24,133	38,609	83	23,426	13,177	2,558	4,943	1,047		1,701		6	
Colorado School of Mines, Golden.....	5,000	68,006	1,027	50	52,000	150,000	61	12,737	7,124		105,119			494		4	
Colorado State College of Education, Greeley.....	3,101	115,336	1,660	157	44,755	47,294	66	41,601	21,919	10,022	7,235	1,799		626		9	1
<b>CONNECTICUT</b>																	
New Haven State Teachers College, New Haven.....	1,694	24,435	1,027		14,421	11,746	66	18,864	13,032	108	4,904	391		429		4	1
Teachers College of Connecticut, New Britain.....	3,012	29,312	1,200		6,550	5,000	100	26,700	12,800	2,300	11,000	500	100	998		5	
Trinity College, Hartford.....	187,000	1,029	1,029	18			79	25,436	13,623	2,012	7,363	1,440		5,950	400	6	
University of Bridgeport, Bridgeport.....	1,920	9,844	1,072		8,412	9,413	69	17,559	5,659		5,339	611				3	
<b>DELAWARE</b>																	
University of Delaware, Newark.....	3,369	110,497	1,817	120	22,246	1,863	68	37,645	25,100	1,541	10,339	665				8	3
<b>FLORIDA</b>																	
Florida Agricultural and Mechanical College, Tallahassee.....	574	17,825	1,408		16,609	21,754	52	17,700	11,000	4,000	2,500	200		500,000		7	
Florida Southern College, Lakeland.....	3,036	42,561	1,490		14,330	16,461	80	25,915	7,750	2,090	14,617	375		1,033		5	
John B. Stetson University, DeLand.....	1,811	38,076	1,599	22	24,518	36,976	73	21,987	14,889	1,461	5,475	81		581		5	





Mount Holyoke College, South Hadley.	4,861	1,133	58	27,945	28,475	87	46,924	27,515	1,520	14,463	1,675	1,751	690	14
Radcliffe College, Cambridge.	2,418	98,794	353	26,579	53,613	49	38,359	19,838	3,587	7,500	1,995	6,439	3	
Simmons College, Boston.	2,656	99,521	200	54,694	1,352	43	7,707	6,59	5,280	1,282	1,282	5,046	3	
Wellesley College, Wellesley.	8,526	248,466	42	38,353	34,548	74	97,730	62,200	2,070	22,892	4,430	6,138	4	
Williams College, Williamstown.	3,426	195,859	1,059	4	17,923	4,073	44,281	25,324	13,641	13,641	2,686	2,115	10	
Worcester Junior College, Worcester.	1,456	1,956	1,173	1,046	3,274	69	9,777	3,960	1,170	4,647	---	---	2	
MICHIGAN														
Albion College, Albion.	1,512	66,991	5	38,127	4,146	78	15,287	7,500	2,225	4,755	427	380	3	
Calvin College, Grand Rapids.	1,000	32,100	1,245	---	---	59	7,549	4,675	208	2,502	164	---	2	
Central Michigan College of Education, Mount Pleasant.	1,688	54,899	33	---	---	79	26,115	16,362	2,878	4,921	515	439	1	
Highland Park Junior College, Highland Park.	1,750	10,226	1,384	9,564	4,200	78	8,246	5,700	---	2,406	140	---	2	
Hope College, Holland.	2,444	57,963	1,143	10,363	24,814	78	13,298	5,000	1,900	5,656	495	247	2	
Michigan College of Mining and Technology, Houghton.	1,351	35,807	39	4,654	746	70	16,480	8,714	330	4,976	687	1,773	5	
Northern Michigan College of Education, Marquette.	927	41,053	1,061	6,717	59,899	61	16,154	9,450	2,520	4,037	147	---	4	
MINNESOTA														
Carleton College, Northfield.	2,687	145,279	1,172	24,561	28,080	73	25,655	15,232	920	7,385	977	1,141	8	
College of St. Thomas, St. Paul.	1,250	38,112	1,890	10,859	11,824	65	27,277	13,031	6,959	4,684	143	2,460	2	
Concordia College, Moorhead.	1,736	33,713	1,102	9,347	52,771	75	9,179	3,897	1,576	2,269	207	1,230	1	
Gustavus Adolphus College, St. Peter.	3,168	27,056	1,127	10,187	11,292	70	18,774	10,262	1,016	10,749	---	---	3	
Hamline University, St. Paul.	2,523	51,062	1,080	12,054	45,594	79	17,620	10,048	2,370	3,490	815	897	3	
Macalester College, St. Paul.	3,365	47,236	1,960	25,718	40,685	68	24,836	13,542	4,700	5,800	500	94	2	
Minneapolis College of Music, Minneapolis.	150	420	1,780	65	---	---	---	---	---	---	---	---	1	
St. Olaf College, Northfield.	5,970	71,567	1,660	25,788	57,352	83	34,065	23,070	3,097	5,536	906	1,456	1	
State Teachers College, St. Cloud.	1,751	56,901	1,116	48,893	36,907	55	20,852	14,139	1,952	3,956	388	417	6	
MISSISSIPPI														
Jones County Junior College, Ellisville.	827	13,838	1,585	17,344	3,583	45	5,993	3,900	454	1,226	37	376	2	
Meridian Municipal Junior College, Meridian.	875	10,117	1,050	26,732	45,969	45	2,046	---	---	2,046	---	---	3	
Mississippi College, Clinton.	2,391	36,650	1,015	15,144	4,158	62	12,964	6,300	2,157	3,830	419	258	2	
Mississippi Southern College, Hattiesburg.	1,983	37,128	1,189	11,090	23,652	74	16,863	8,350	2,880	4,805	642	186	3	
Mississippi State College for Women, Columbus.	2,313	69,191	1,125	22,316	46,914	73	19,518	12,444	673	5,090	930	381	5	
MISSOURI														
Lincoln University, Jefferson City.	2,875	64,460	1,008	13,514	23,006	73	25,168	14,801	3,451	5,102	971	843	8	
Northeast Missouri State Teachers College, Kirksville.	4,134	85,455	979	32,818	---	69	15,613	6,130	3,619	4,910	856	98	3	

See footnotes at end of table.



Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47—Continued

C. LIBRARIES SERVING 1,000 TO 1,999 STUDENTS—Continued

Name of institution and location	Book stock		Student enrollment (regular session) <sup>1</sup>		Circulation		Total hours open per week for circulation (regular session)	Operating expenditures					Library staff				
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved books		Total	Salaries	Books and periodicals	Binding materials	Audio-visual materials	Other (excluding building maintenance)	Capital outlay	Full-time	Part-time	
																	Library staff
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>
<b>MISSOURI—Continued</b>																	
Southeast Missouri State College, Cape Girardeau.....	1,127	48,184	1,288	1,288	19,382	-----	64	20,723	13,024	2,228	4,485	434	-----	552	14	4	1
Southwest Missouri State College, Springfield.....	1,890	72,685	1,910	1,910	17,768	28,223	75	26,275	14,320	6,683	3,711	568	-----	993	-----	4	-----
<b>NEVADA</b>																	
University of Nevada, Reno.....	1,255	72,058	1,679	32	10,654	39,805	74	20,202	11,997	2,557	4,824	-----	-----	824	485	6	-----
<b>NEW JERSEY</b>																	
Bergen Junior College, Teaneck.....	1,093	6,242	1,050	-----	5,240	-----	61	7,503	3,737	1,310	2,456	-----	-----	-----	85,000	2	-----
New Jersey College for Women, New Brunswick.....	-----	102,703	1,203	-----	34,455	-----	74	45,286	31,140	1,000	10,500	-----	-----	2,646	-----	16	2
New Jersey State Teachers College, Upper Merionlar.....	2,414	54,239	1,174	409	55,627	10,115	63	21,753	16,050	-----	4,378	282	160	883	-----	8	-----
St. Peter's College, Jersey City.....	1,483	22,963	1,490	-----	19,212	217	73	17,913	6,800	1,548	8,918	57	-----	590	-----	4	-----
Stevens Institute of Technology, Hoboken.....	-----	32,000	1,161	648	9,234	-----	67	14,825	9,830	-----	104,995	-----	-----	-----	-----	4	-----
Upsala College, East Orange.....	2,218	21,095	1,303	-----	7,478	1,821	71	17,490	6,500	1,370	5,319	359	-----	3,042	2,115	3	-----
<b>NEW MEXICO</b>																	
New Mexico College of Agriculture and Mechanic Arts, State College.....	4,909	55,405	1,398	-----	13,878	7,891	77	24,156	12,536	1,738	7,829	988	-----	1,655	-----	5	-----



NEW YORK

Clarkson College of Technology, Potsdam.....	12,710	1,200	29,670	5,225	2,100	2,962	163	3,286	1
Colgate University, Hamilton.....	156,136	1,376	22,604	41,419	18,672	12,550	451	3,116	12
Copier Union, New York.....	3,354	1,740	1,740	58,420	30,069	9,155	3,432	950	21
Hofstra College, Hempstead.....	22,719	1,909	6,300	27,438	5,600	20,100	78	430	2
Iona College, New Rochelle.....	1,703	1,220	5,223	8,056	1,120	1,980	146	73	3
Ithaca College, Ithaca.....	8,091	1,400	4,388	11,401	8,340	2,842	59	357	3
New York State College for Teachers, Albany.....	41,098	1,299	37,950	31,267	214	5,074	1,024	309	8
New York State College for Teachers, Buffalo.....	32,032	1,392	20,118	18,762	13,167	300	295		4
St. Bonaventure College, St. Bonaventure.....	90,538	1,500	15,635	17,445	6,219	1,798	450	3,397	9
St. Lawrence University, Canton.....	88,829	1,264	13,709	29,628	19,348	2,000	1,330	2,200	4
Skidmore College, Saratoga Springs.....	3,405	1,030	35,993	27,078	12,403	6,711	724		5
State Teachers College, Potsdam.....	885	92,119	24,962	12,409	9,875	2,325	209		3
Union College, Schenectady.....	4,083	1,886	13,206	57,000	29,000	3,000	3,500	1,500	14
Vassar College, Poughkeepsie.....	5,231	1,340	40,232	97,292	63,812	3,545	4,354	6,004	30

NORTH CAROLINA

Appalachian State Teachers College, Boone.....	39,989	1,033	60,347	24,747	13,440	1,041	7,700	960	5
East Carolina Teachers College, Greenville.....	61,256	1,195	34,162	23,489	9,716	3,441	8,480	851	4
Wake Forest College, Wake Forest.....	94,484	1,636	16,421	30,932	17,733	2,457	1,846	432	5

OHIO

Antioch College, Yellow Springs.....	71,929	1,069	30,963	31,268	14,200	7,920	875	912	5
Baldwin-Wallace College, Berea.....	48,980	1,557	29,837	20,254	10,612		850	1,087	5
Case Institute of Technology, Cleveland.....	23,051	1,514	8,871	16,399	7,651	868		2,824	6
Chase College, Cincinnati.....	7,144	848	248	8,240	4,500	2,500			3
College of Wooster, Wooster.....	105,250	1,230	36,084	19,313	9,875	3,012	5,150	575	4
Denison University, Granville.....	3,663	1,189	28,828	33,044	20,543	1,865	7,571	1,513	10
Marietta College, Marietta.....	2,647	1,883	16,181	21,261	11,000	2,050	5,985	1,209	7
Sinclair College, Dayton.....	4,293	1,200	22,285	21,261	2,000	780	750	100	5
University of Dayton, Dayton.....	166	1,844	11,295	6,700	1,484	1,416	3,406	216	1
Wittenberg College, Springfield.....	2,224	1,248	12,364	20,764	11,272	1,857	18,335	375	4
Xavier University, Cincinnati.....	91,600	1,795	12,720	16,100	7,010		11,900		6

OKLAHOMA

East Central State College, Ada.....	33,646	1,079	16,119	17,195	9,020	2,295	475	225	3
Northeastern State College, Tahlequah.....	2,721	42,525	43,129	12,832	4,628	2,135	4,995	413,46	1
Phillips University, Enid.....	2,989	1,002	52,688	13,764	5,540	2,305	4,709	897	4

See footnotes at end of table.

Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47.—Continued

C. LIBRARIES SERVING 1,000 TO 1,999 STUDENTS—Continued

Name of institution and location	Book stock		Student enrollment (regular session) <sup>1</sup>		Circulation		Total hours open per week for circulation (regular session)	Operating expenditures				Library staff					
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved		Total	Salaries		Books and periodicals	Binding materials	Audio-visual materials	Other (excluding building maintenance)	Capital outlay	Full-time	Part-time
									Library staff	Student service							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
OREGON																	
University of Portland, Portland.....	2,424	34,200	1,646	11	7,486	3,750	65	16,141	8,428	1,820	3,958	757	1,178	---	---	2	1
Willamette University, Salem.....	2,880	42,949	1,400	10	14,995	7,557	74	13,278	6,600	1,476	4,123	686	---	---	---	3	---
PENNSYLVANIA																	
Allegheny College, Meadville.....	4,046	114,279	1,054	2	20,221	9,976	68	22,301	11,119	2,800	6,692	563	1,087	---	---	5	1
Franklin and Marshall College, Lancaster.....	3,000	106,000	1,275	---	18,796	15,978	83	24,983	12,434	4,095	8,300	154	---	---	---	6	1
Gannon College, Erie.....	905	12,250	1,260	---	4,505	6,692	70	10,230	7,600	---	5,870	760	2,000	285,000	---	3	---
Geneva College, Beaver Falls.....	1,177	44,504	1,454	---	12,821	2,187	57	10,735	5,960	1,646	2,820	272	47	---	---	2	1
Grove City College, Grove City.....	764	43,283	1,364	---	8,940	6,712	57	8,297	5,666	---	1,878	533	160	---	---	3	---
Lafayette College, Easton.....	2,863	177,064	1,447	10	11,869	12,437	88	19,352	9,000	1,186	7,709	921	566	---	---	5	---
Muhlenberg College, Allentown.....	3,300	73,978	1,207	---	5,720	---	74	30,927	17,466	1,108	9,317	673	337	1,946	---	8	1
St. Joseph's College, Philadelphia.....	945	20,997	1,195	---	7,245	---	58	7,245	3,600	---	2,713	187	---	---	---	2	---
State Teachers College, Indiana.....	770	35,186	1,449	---	29,936	2,354	66	14,946	11,128	1,428	2,150	95	145	2,702	---	4	---
State Teachers College, West Chester.....	2,565	47,713	1,612	---	44,265	19,972	64	22,143	13,566	2,241	5,591	250	495	190	---	4	1
Swarthmore College, Swarthmore.....	3,361	146,280	1,021	1	25,341	101,473	87	43,996	27,998	2,441	9,920	1,577	2,060	---	10	2	
University of Scranton, Scranton.....	1,622	21,622	1,908	---	12,014	7,395	66	4,576	---	---	3,601	300	675	---	5	---	
Washington and Jefferson College, Washington.....	1,926	68,520	1,018	33	8,547	3,422	87	15,154	9,298	291	10,496	---	869	---	---	6	---
Westminster College, New Wilmington.....	2,014	35,117	1,315	19	19,769	35,169	74	16,797	10,200	1,468	4,443	250	436	---	---	6	---
Wilkes College, Wilkes-Barre.....	1,075	9,800	1,815	---	8,251	1,440	49	11,120	2,100	1,720	8,250	50	---	1,700	---	2	---



Table 12.—Statistics of book stock, student enrollment (regular session), book circulation, number of hours open per week for circulation (regular session), expenditures, and library staff of libraries of institutions of higher education serving enrollments of 1,000 students or more, by institution, 1946-47—Continued

C. LIBRARIES SERVING 1,000 TO 1,999 STUDENTS—Continued

Name of institution and location	Book stock		Student enrollment (regular session) <sup>1</sup>		Circulation		Total hours per week for circulation (regular session)	Operating expenditures						Library staff			
	Number of volumes added during year	Number of volumes at end of year	Undergraduate	Graduate	Home use	Reserved books		Total	Salaries	Books and periodicals	Binding materials	Audio-visual materials	Other (excluding building maintenance)	Capital outlay	Full-time	Part-time	
																	Library staff
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
TEXAS—Continued																	
Trinity University, San Antonio.....	3,348	40,416	1,531	18	23,734	-----	78	23,829	11,250	3,546	7,958	1,075	-----	-----	19,284	-----	6
West Texas State Teachers College, Canyon.....	553	48,967	1,375	116	9,795	12,118	65	20,081	12,004	3,459	2,516	700	1,702	240	-----	-----	4
UTAH																	
Weber College, Ogden.....	1,300	17,200	1,481	-----	15,535	25,750	58	13,895	9,750	180	3,425	200	-----	340	-----	-----	4
VERMONT																	
Middlebury College, Middlebury.....	3,527	110,748	1,161	27	37,540	5,564	73	29,757	16,656	1,492	8,175	670	-----	2,764	-----	-----	9
University of Vermont, Burlington.....	3,627	168,863	1,791	57	22,263	31,554	84	51,825	30,350	4,013	14,474	-----	-----	2,988	-----	-----	13
VIRGINIA																	
College of William and Mary, Williamsburg.....	17,456	268,580	1,783	24	33,683	-----	82	57,017	31,965	3,873	15,661	2,090	86	3,342	59	22	2
Hampton Institute, Hampton.....	1,802	74,488	1,532	-----	42,666	38,758	76	30,744	20,758	1,920	7,513	-----	-----	547	844	7	-----
Madison College, Harrisonburg.....	3,301	45,931	1,168	-----	36,282	27,173	61	26,671	15,313	2,665	6,450	1,437	-----	836	-----	-----	6
Mary Washington College of the University of Virginia, Fredericksburg.....	4,983	56,275	1,477	-----	70,583	20,416	78	34,037	21,014	-----	11,172	1,039	-----	512	-----	7	-----
Virginia State College, Petersburg.....	2,314	35,578	1,234	63	48,638	46,020	64	28,511	17,922	4,257	4,716	909	-----	707	-----	-----	6



Virginia Union University, Richmond.	1, 597	19, 917	1, 104	31, 499	6, 580	55	10, 880	5, 866	1, 798	2, 433	783	4
Washington and Lee University, Lexington.....	2, 576	135, 970	1, 259	23, 445	5, 765	79	30, 614	13, 637	900	14, 318	550	6
WASHINGTON												
College of Puget Sound, Tacoma.....	4, 040	50, 445	1, 450	20, 881	-----	71	14, 500	7, 700	1, 800	3, 750	250	4
Gonzaga University, Spokane.....	2, 448	65, 000	1, 820	18, 566	-----	70	15, 560	8, 823	10 6, 737	1, 000	-----	4
Walla Walla College, College Place.....	1, 325	24, 667	1, 015	25, 224	-----	55	11, 101	3, 193	3, 692	753	75	2
Western Washington College of Educa- tion, Bellingham.....	2, 561	71, 112	1, 165	39, 842	18, 318	64	27, 774	14, 670	5, 100	6, 624	300	6
WEST VIRGINIA												
Fairmont State College, Fairmont.....	1, 290	29, 342	1, 044	23, 541	33, 072	65	14, 108	7, 294	2, 258	3, 121	463	3
Morris Harvey College, Charleston.....	895	11, 523	1, 473	5, 814	-----	70	8, 896	3, 332	1, 512	2, 110	1, 342	2
West Virginia State College, Institute..	1, 359	31, 391	1, 425	35, 944	19, 583	59	13, 684	6, 048	2, 179	5, 950	1, 807	3
WISCONSIN												
Lawrence College, Appleton.....	1, 490	75, 716	1, 041	12, 606	19, 790	70	17, 458	11, 345	875	4, 528	482	5
State Teachers College, Milwaukee.....	2, 250	75, 882	1, 704	51, 178	48, 592	60	23, 650	16, 000	500	11 6, 350	200	6

<sup>11</sup> Includes binding, audio-visual materials, and other operating expenses.

<sup>12</sup> Includes Wilson Junior College.

<sup>13</sup> Includes audio-visual materials.

<sup>14</sup> See College of the Pacific, group B.

<sup>15</sup> Includes salary of museum curator.

<sup>16</sup> Includes \$7,780 for guards and telephone operators.

<sup>17</sup> Includes George Peabody College for Teachers, Scarritt College,  
and Vanderbilt University.

<sup>18</sup> Includes binding and audio-visual aids.

<sup>1</sup> Third week, fall term, 1946-47.

<sup>2</sup> Data for 1947-48.

<sup>3</sup> Data include affiliated colleges.

<sup>4</sup> Includes all students.

<sup>5</sup> Includes all salaries.

<sup>6</sup> Data for College of Liberal Arts only.

<sup>7</sup> Includes student wages.

<sup>8</sup> Estimated.

<sup>9</sup> Includes Stockton Junior College.

<sup>10</sup> Includes binding.



Form 9-078  
(Rev. 1947)

FEDERAL SECURITY AGENCY  
U. S. OFFICE OF EDUCATION  
WASHINGTON, D. C.

Budget Bureau No. 25-2158  
Expiration date 12-31-48.

LIBRARY STATISTICS OF INSTITUTIONS OF HIGHER EDUCATION

For fiscal year ending \_\_\_\_\_

This report includes branches located at:

Name of chief librarian or director: \_\_\_\_\_

Name of Institution and Post Office Address \_\_\_\_\_

GENERAL INSTRUCTION

This report should include the central library and all its agencies such as school and college libraries, departmental libraries, dormitory or fraternity libraries, and any other organized collections which, as integral parts of a college or university library system, distribute books or otherwise render library service to faculty, students, and other authorized persons. All library agencies should be included, whether on the campus or elsewhere, provided they are under the general direction and control of the college or university librarian. Libraries which operate museums are asked to omit museum data.

DO NOT WRITE IN THIS SPACE

Institution \_\_\_\_\_  
State \_\_\_\_\_  
Control \_\_\_\_\_  
Race \_\_\_\_\_  
Type \_\_\_\_\_

BOOK AND MISCELLANEOUS STOCK

ITEM	VOLUMES †	MISCELLANEOUS STOCK								
		Uncatalogued pamphlets	Maps	Photos, pictures, prints	Maps	Slides, film slides	Microfilms * (Reels)	Films * (Reels)	Sound recordings *	Other
1. Number at beginning of year.....										
2. Number added during year.....										
3. By purchase.....										
4. By other means.....										
5. Number withdrawn from records.....										
6. Total at end of year.....										
7. Newspapers currently received—Number of titles, excluding duplicates:										
(a) By subscription . . . . .										
(b) By other means . . . . .										
(c) Total number of newspapers currently received . . . . .										
8. Periodicals * (exclusive of newspapers) currently received—Number of titles, excluding duplicates:										
(a) By subscription . . . . .										
(b) By other means . . . . .										
(c) Total number of periodicals currently received . . . . .										

See footnotes on back page.

## CIRCULATION

Number of volumes lent should include pamphlets and periodicals as well as books, counting one for each lending by the library. Renewal of a book under library rules should also be counted as a loan. If it is found necessary to depart from these rules this fact should be reported. If record is kept of audio-visual aids (photographs, maps, slides, films, etc.), please report these statistics on a separate sheet.  Check here if audio-visual aids are included below in number of volumes lent.

9. Number of volumes lent for home use from central library and all agencies (excluding overnight loans and loans of reserved books):
- (a) To faculty . . . . . \_\_\_\_\_
- (b) To students. . . . . \_\_\_\_\_
- (c) To others . . . . . \_\_\_\_\_
- (d) Total number of volumes lent for home use . . . . . \_\_\_\_\_
10. Number of reserved books lent from central library and all agencies:
- (a) For use in building . . . . . \_\_\_\_\_
- (b) For overnight and other use outside building . . . . . \_\_\_\_\_
- (c) Total number of reserved books lent . . . . . \_\_\_\_\_

## INTERLIBRARY TRANSACTIONS

11. Number of interlibrary loans:<sup>5</sup>
- (a) Volumes borrowed from other libraries . . . . . \_\_\_\_\_
- (b) Volumes lent to other libraries. . . . . \_\_\_\_\_
12. Number of photostats:<sup>2</sup>
- (a) Made for other libraries . . . . . \_\_\_\_\_
- (b) Obtained from other libraries . . . . . \_\_\_\_\_
13. Number of microfilms:<sup>3</sup>
- (a) Made for other libraries . . . . . \_\_\_\_\_
- (b) Obtained from other libraries . . . . . \_\_\_\_\_

## REFERENCE

14. Number of reference questions answered at central library and all agencies:
- (a) General questions<sup>6</sup>. . . . . \_\_\_\_\_
- (b) Search questions<sup>7</sup>. . . . . \_\_\_\_\_
- (c) Total number of reference questions answered . . . . . \_\_\_\_\_
- (d) Criteria used in determining a "search" question: Time in minutes \_\_\_\_\_; other criteria (specify) \_\_\_\_\_
15. Number of bibliographies<sup>8</sup> compiled at central library and all agencies. . . . . \_\_\_\_\_

## HOURS OF SERVICE

16. Total number of hours open per week (central library):
- (a) For circulation:
- Regular session . . . . . \_\_\_\_\_
- Summer session . . . . . \_\_\_\_\_
- Vacation . . . . . \_\_\_\_\_
- (b) For reading and study only:
- Regular session . . . . . \_\_\_\_\_
- Summer session . . . . . \_\_\_\_\_
- Vacation . . . . . \_\_\_\_\_

## FACULTY

17. Number of resident faculty members (officers, teachers, extension workers, etc.):<sup>2</sup>
- (a) During regular session (fall to spring) of year reported . . . . . \_\_\_\_\_
- (b) During summer term (including those from regular staff and special summer teachers) . . . . . \_\_\_\_\_
18. Entire staff is equivalent to how many persons on full-time basis . . . . . \_\_\_\_\_

## STUDENTS

19. Number of resident<sup>9</sup> undergraduate and special<sup>10</sup> students:
- (a) During regular session, third week, fall term, of year reported (no person counted twice) . . . . . \_\_\_\_\_
- (b) During summer term<sup>11</sup> . . . . . \_\_\_\_\_
20. Number of resident<sup>9</sup> graduate students:
- (a) During regular session, third week, fall term, of year reported (no person counted twice) . . . . . \_\_\_\_\_
- (b) During summer term<sup>11</sup> . . . . . \_\_\_\_\_

PERSONNEL  
(Central library and all agencies)

POSITION  (1)	NUMBER OF EMPLOYEES			
	Full-time (2)	Part-time (3)	Full-time equivalent of part-time employees (4)	Full-time equivalent of all employees (col. 2 plus col. 4) (5)
21. Chief librarian or director.....				
22. Associate or assistant chief librarian.....				
23. Department heads <sup>12</sup> .....				
24. Heads of school, college, or departmental libraries.....				
25. Professional assistants <sup>13</sup> (not included elsewhere):				
(a) Catalog department.....				
(b) Circulation department.....				
(c) Reserved book division.....				
(d) Order, accession, acquisition departments.....				
(e) Reference department.....				
(f) Other professional assistants.....				
26. Subprofessional assistants <sup>14</sup> .....				
27. Administrative office assistants <sup>15</sup> .....				
28. Clerical assistants <sup>16</sup> .....				
29. Other <sup>17</sup> .....				
30. Total number of employees.....				

31. Student assistants:

- (a) Total number of students employed on hourly basis . . . . .
- (b) Total number of hours paid for from library budget for student assistants during last fiscal year . . . . .

FINANCE

LIBRARY EXPENDITURES OF CENTRAL LIBRARY AND ALL AGENCIES:

32. Salaries: Library staff . . . . .	\$.....
33. Wages: Student service . . . . .	.....
34. Books . . . . .	.....
35. Periodicals . . . . .	.....
36. Binding . . . . .	.....
37. Audio-visual materials (films, recordings, etc.) . . . . .	.....
38. Other operating expenditures . . . . .	.....
39. Total operating expenditures (items 32 to 38) . . . . .	\$.....
40. Building operation and maintenance (if charged against library budget) . . . . .	.....
41. Capital outlay (sites, new building, equipment, etc.) . . . . .	.....
42. Grand total expenditures (items 39 to 41) . . . . .	\$.....
43. Total additions during year to endowment for library purposes . . . . .	\$.....
44. Total endowment, trust, and invested funds for library purposes (excluding building funds) . . . . .	\$.....
45. Total expenditures of institution for educational and general purposes <sup>18</sup> . . . . .	\$.....

Signature .....

Date .....

Title .....

See footnotes on back page.

## FOOTNOTES

1. A "volume" is any printed, typewritten, mimeographed, or processed work, bound or unbound, which has been cataloged or fully prepared for use. Do not count as a volume a single issue of a periodical unless it is cataloged as a separate item.
2. If another unit of measurement is used, please indicate.
3. Include in a single count, without distinction, all types of sound recording, counting by bibliographical units.
4. A "periodical" is a publication appearing at regular intervals of less than a year and continuing for an indefinite period. Newspapers are not considered periodicals under the rules for cataloging (*A. L. A. Catalog Rules*).
5. An "interlibrary loan" is the loan of a book between libraries which are not integral parts of the same system.
6. A "general question" is any question which requires the use of library material in answering, or which involves interpretation of the use of library tools resulting in the use of library material. Excludes questions pertaining to the location of specific books or tools.
7. A "search question" is any question of an investigatory or research nature and is of greater complexity than a "general question."
8. Bibliographies (including reading lists) of sufficient value to be typed and preserved.
9. "Resident" students are those attending classes or lectures conducted by the regular colleges and schools on the campus.
10. "Special" students are those taking undergraduate collegiate work, but not registered for a degree or diploma.
11. If there are two summer terms, give figures for each term.
12. A "department head" is a member of the professional staff directly responsible to the chief librarian or director, associate or assistant chief librarian, and in charge of a major division of the library organization which has its own staff and definite responsibilities. (An associate or assistant chief librarian serving as a department head should not be included here.)
13. A "professional assistant" is a member of the professional staff performing work of a professional grade which requires training and skill in the theoretical or scientific parts of library work as distinct from its merely mechanical parts and includes all the professional staff except the chief librarian or director, associate or assistant chief librarian, department heads, division heads, and heads of school, college, departmental, and laboratory school libraries.
14. A "subprofessional assistant" is a person who performs, under the immediate supervision of professional staff members, work largely concerned with the higher routine processes which are peculiar to library work and which require some knowledge of library procedure. Exclude student assistants paid on an hourly basis; these should be included under item 31.
15. An "administrative office assistant" is a person, such as a business manager or secretary to the chief librarian or director, who performs work of a highly specialized nature, but not requiring knowledge of the theoretical or scientific aspects of library work.
16. A "clerical assistant" is a person, such as a typist, etc., who performs, under immediate supervision, processes which may require experience, speed, accuracy, and clerical ability of a high order, but do not require knowledge of the theoretical or scientific aspects of library work. Exclude student assistants paid on an hourly basis; these should be included under item 31.
17. The item "other" usually includes those devoting either full or part time to the most simple clerical or manual tasks which involve no responsibility or independent judgment, such as the work performed by pages, shelvers, and beginning workers. Exclude student assistants paid on an hourly basis; these should be included under item 31.
18. Total expenditures of institution for educational and general purposes include expenditures for administration, resident instruction, organized research, extension, libraries, plant operation and maintenance, and related activities.







209  
108

*Biennial Survey of Education in the United States—1946-48*  
Northwestern University

APR 17 1951  
*Chapter 7*  
Walker-Strauffer Library

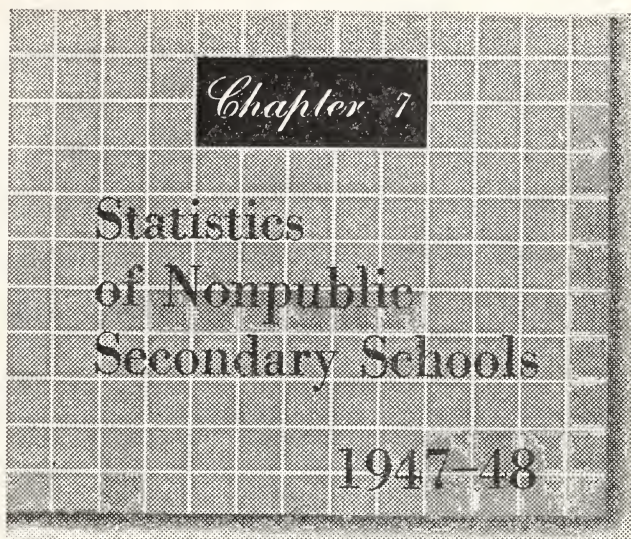
# Statistics of Nonpublic Secondary Schools

*1947-48*





*Biennial Survey of Education in the United States, 1946-48*



*Prepared by* ROSE MARIE SMITH, *Educational Statistician*  
*Under the direction of* EMERY M. FOSTER, *Head,*  
*Reports and Analysis Branch, Research and*  
*Statistical Service*

---

FEDERAL SECURITY AGENCY • OSCAR R. EWING, *Administrator*  
Office of Education • EARL JAMES MCGRATH, *Commissioner*

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# CONTENTS

	<i>Page</i>
FOREWORD . . . . .	IV
INTRODUCTION . . . . .	1
TREATMENT OF DATA . . . . .	1
NUMBER OF SCHOOLS, PUPILS, AND INSTRUCTIONAL STAFF . . . . .	2
TYPE OF ORGANIZATION . . . . .	2
RELIGIOUS AFFILIATION OR CONTROL . . . . .	3
NUMBER OF PUPILS PER INSTRUCTIONAL STAFF MEMBER . . . . .	3
SIZE OF SCHOOL . . . . .	3
GRADUATES . . . . .	4
GRADE DISTRIBUTION . . . . .	4
SCHOOLS FOR NEGROES . . . . .	5

## TABLES

1. Number of schools, instructional staff, and pupils, 1947-48, and graduates, 1946-47, nonpublic secondary schools, by State . . . . .	6
2. Number of schools, staff, pupils, and graduates in nonpublic secondary schools from 1889-90 to 1947-48 . . . . .	8
3. Grade distribution of pupils in nonpublic secondary schools, 1906-7 to 1947-48 . . . . .	8
4. Number of schools, instructional staff, and pupils, 1947-48, and graduates, 1946-47, nonpublic secondary schools, by religious affiliation or control . . . . .	9
5. Number of schools and pupils enrolled in nonpublic secondary schools, by religious affiliation or control, 1894-95 to 1947-48 . . . . .	10
6. Number of schools, teachers, and pupils in Catholic secondary schools, 1947-48 . . . . .	10



# FOREWORD

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THIS CHAPTER of the Biennial Survey of Education is one of a series on nonpublic secondary schools which has been prepared by the Office of Education since 1890. The latest previous report in this series covered the school year 1940-41. The present report on nonpublic secondary schools of 1947-48 provides data on the number of pupils enrolled, the number of graduates, and the number of staff members. Nonpublic secondary enrollments in grades 9, 10, 11, and 12 constitute 9.4 percent of the total enrollments in these grades in both public and nonpublic schools.

This study would not have been possible without the co-operation of the more than 3,000 nonpublic secondary schools in the United States. The Office of Education wishes to take this opportunity to express its appreciation to them.

HERBERT S. CONRAD,

*Chief, Research and Statistical Service.*

RALPH C. M. FLYNT,

*Director, Division of Special Educational Services.*

# Statistics of Nonpublic Secondary Schools, 1947-48

---

## *Introduction*

**T**HIS CHAPTER of the Biennial Survey of Education in the United States presents statistics for nonpublic secondary schools. The data include number of schools, number of instructional staff, and number of pupils and graduates, classified both by State and by type of control or affiliation.

Data were requested by means of a questionnaire mailed to all nonpublic secondary schools known to this Office. Two followup requests were sent to schools not replying. Reports were received from 92.7 percent of the schools, covering 97.5 percent of the estimated 603,902 enrollees in the last 4 years of nonpublic high schools. In addition to these pupils, 5,171 were enrolled in grades 6, 7, and 8 in secondary school organizations, and 25,329 in secondary departments of privately controlled institutions of higher education,<sup>1</sup> making a total of approximately 634,000 pupils in nonpublic secondary schools.

The Office of Education has collected data on nonpublic secondary schools since 1890. These data were collected annually until 1917, and biennially through 1930. Since 1930 there have been two reports, prior to the present one, namely, for the school years 1932-33 and 1940-41. Both of these biennial survey chapters included the elementary as well as the secondary level in the nonpublic field. This report for the school year 1947-48 does not include statistics on elementary education.

Enrollments were requested as of "current date" rather than for the entire school year as in previous reports, because the report form was mailed during the school year for which data were requested. Enrollments as of a particular date are, of course, slightly smaller than those for the entire school year.

## *Treatment of Data*

In order to preserve historical comparability in tables 2 and 5, enrollments in secondary grades 6, 7, and 8 have not been included. In tables 1 and 4 for the current year 1947-48, enrollments in secondary grades 6, 7, and 8 have been included in the total columns, but

---

<sup>1</sup> Data concerning secondary departments of institutions of higher education were not included in this chapter. They can be found in Chapter I, Statistical Summary of Education, 1947-48, Biennial Survey of Education in the United States, 1946-48.

because of their small numbers, have not been tabulated in detail. Likewise in tables 1 and 4, enrollments of postgraduate and special students, numbering 2,569 and 1,777, respectively, have been included in the total columns but omitted in the detail.

### *Number of Schools, Pupils, and Instructional Staff*

Reports were received from 3,053 nonpublic secondary schools in Continental United States (table 1). These schools enrolled 594,236 pupils, including 5,171 in grades 6, 7, and 8, and 4,346 postgraduate and special students. The percentage of nonpublic secondary school pupils varied considerably from State to State (see column 11 of table 1). In the Nation as a whole, 9.4 percent of high-school pupils (grades 9-12, postgraduate and special students) were enrolled in nonpublic schools. The percents ranged from 0.5 in Nevada to 25.6 in Vermont. The New England Region reported the highest percentage of high-school pupils in nonpublic schools, 19.5; and each New England State reported a greater percentage of high-school pupils in nonpublic schools than any State outside of New England. The States reporting the smallest percentage of high-school enrollments in nonpublic schools (all under 2 percent) were: Nevada, 0.5; Wyoming, 1.2; North Carolina, 1.3; Utah, 1.4; and Idaho, 1.9. The following 7 States enrolled 57.5 percent of all pupils in nonpublic high schools: New York, Pennsylvania, Illinois, Massachusetts, Michigan, Ohio, and New Jersey.

Although the number of nonpublic secondary schools reporting in 1947-48 was only 2 percent more than the number reporting in 1940-41, enrollments in them increased from 457,768 to 589,065, or 29 percent; and instructional staff members, from 30,130 to 40,830, or 36 percent (table 2). More than 60 percent of enrollments in nonpublic secondary schools in 1947-48 were in schools which segregate boys and girls. Between 1940-41 and 1947-48, enrollments in these sex-segregated nonpublic schools increased more than twice as fast as the enrollments in coeducational schools. In public high schools 99 percent of all pupils were in coeducational institutions.

### *Type of Organization*

The nonpublic secondary school is essentially a 4-year high school. Only 5,171 pupils, less than 1 percent of the total nonpublic enrollments, were in grades 6, 7, and 8 in secondary school organizations, as contrasted with 20 percent of the total in public high schools. The 5,171 pupils were distributed by grades as follows: Sixth, 79; seventh, 2,072; and eighth, 3,020.

### *Religious Affiliation or Control*

In 1947-48, 81 percent of all nonpublic secondary schools were denominational (i. e., controlled by, or affiliated with a religious group). Enrollments in these denominational schools increased from 396,214 in 1940-41 to 512,727 in 1947-48, or 29 percent (table 5). Enrollments in Roman Catholic schools, which accounted for 92 percent of the total denominational enrollments in 1947-48, increased from 361,123 in 1940-41 to 472,625 in 1947-48, or 31 percent. Protestant Episcopal schools, second in size of enrollments among the denominational groups, reported 8,523 pupils in 1940-41, as compared with 10,727 in 1947-48, an increase of 26 percent. Other denominational schools which showed increased enrollments during this period were those affiliated with the Baptist, the Lutheran, and the Seventh Day Adventist Churches.

Reports were received from 536 nonsectarian nonpublic secondary schools in 1940-41, and from 574 in 1947-48. Enrollments during the same period increased from 61,554 to 76,338, or 24 percent. Enrollments in these schools were still 5 percent below their 1930 peak. Denominational schools enrolled more than twice as many pupils in 1947-48 as in 1929-30.

### *Number of Pupils Per Instructional Staff Member*

The average number of pupils per instructional staff member in nonpublic secondary schools in 1947-48 was 14.4 as compared with 15.2 in 1940-41 (table 2). These averages are considerably lower than the public-school average of 21.5 in 1945-46 (the most recent data available). The following data present number of pupils per instructional staff member, by religious affiliation or control in 1947-48 (table 4):

Total.....	14.4
DENOMINATIONAL:	
Baptist.....	10.8
Lutheran.....	15.2
Methodist.....	10.4
Presbyterian.....	9.7
Protestant Episcopal.....	6.9
Roman Catholic.....	17.4
Seventh Day Adventist.....	10.7
Others.....	10.1
NONSECTARIAN.....	8.3

### *Size of School*

In 1947-48 the average enrollment per school, in nonpublic secondary schools, was 192.9, an increase of 26 percent over 1940-41 (table 2).

The average number of pupils enrolled in these schools has been gradually increasing since 1900, with the exception of the depression period of the mid-thirties, when the unit size decreased.

The size range among the various types of schools in 1947-48, including enrollments in secondary grades 6, 7, and 8 (table 4), follows:

DENOMINATIONAL:	
Baptist.....	164.9
Lutheran.....	190.7
Methodist.....	141.6
Presbyterian.....	134.4
Protestant Episcopal.....	116.4
Roman Catholic.....	218.0
Seventh Day Adventist.....	108.5
Others.....	159.3
NONSECTARIAN.....	136.5

### *Graduates*

Since the questionnaires for this study were mailed during the school year 1947-48 and data on graduates for that year were not yet available, data on graduates were requested for the previous year, 1946-47. There were 116,731 graduates from nonpublic secondary schools in 1946-47 (table 1). This is 62 percent greater than the number graduated in 1940-41 (table 2).

### *Grade Distribution*

The grade distribution in the last 4 years of nonpublic high schools in 1947-48 (table 3) followed, in general, the public-school distribution.<sup>2</sup> There was, however, a slightly lower percent in the first 2 years of the nonpublic school, and a slightly larger percent in the third and fourth years. Taken by type of nonpublic schools, some noteworthy differences are found (table 4). Schools of the nonsectarian group, as well as those affiliated with the Baptist and the Methodist Churches, enrolled progressively more pupils during each of the 4 years of high school. The percentage distribution in each grade of the Lutheran and Seventh Day Adventist 4-year schools tended to decrease, but not so sharply as those in the public high schools. The Roman Catholic grade distribution was closely similar to the public high-school distribution.

<sup>2</sup> For data concerning public schools, see Chapter II, Statistics of State School Systems, 1947-48, Biennial Survey of Education in the United States, 1946-48. The grade distribution in public high schools was: Ninth grade, 30.0 percent; tenth, 26.9; eleventh, 22.8; and twelfth, 20.3.



*Schools for Negroes*

Enrollments in nonpublic secondary schools for Negroes increased from 5,733 in 1940-41 to 8,999 in 1947-48, or 57 percent (table 2). The average number of pupils per instructional staff member was 12.4, which is appreciably lower than the 14.4 average for all nonpublic secondary schools in 1947-48 (table 4). The size of the Negro schools, averaging 105.7 pupils, was 46 percent smaller than the average for all nonpublic schools. In general, retention from grade to grade was lower than the average for all nonpublic schools.

All data for Negroes in this chapter are also included in the statistics reported for all nonpublic secondary schools.

Table 1.—Number of schools, instructional staff, and pupils, 1947-48, and graduates, 1946-47, nonpublic secondary schools, by State

State by division	Number of schools	Number of instructional staff	Total enrollment <sup>1</sup>			Enrollment in last years of high school				Percent non-public enrollments of total <sup>2</sup>	Number of graduates, 1946-47
			Total	Boys	Girls	First	Second	Third	Fourth		
1	2	3	4	5	6	7	8	9	10	11	12
<b>Continental United States</b>	<b>3,053</b>	<b>41,180</b>	<b>594,236</b>	<b>278,807</b>	<b>315,429</b>	<b>162,551</b>	<b>152,528</b>	<b>140,364</b>	<b>129,276</b>	<b>9.4</b>	<b>116,731</b>
<b>NEW ENGLAND</b>	404	6,085	77,323	38,692	38,631	19,840	19,236	18,308	18,397	19.5	16,817
Maine	56	472	7,560	3,597	3,963	2,067	1,894	1,731	1,743	18.6	1,688
New Hampshire	30	423	4,446	2,753	1,693	1,103	1,032	1,038	1,164	19.8	1,180
Vermont	24	308	4,144	1,875	2,269	1,117	1,105	940	927	25.6	813
Massachusetts	195	2,987	39,533	18,786	20,747	10,405	9,576	9,350	9,446	19.4	8,096
Rhode Island	27	466	6,629	3,582	3,047	1,328	1,909	1,682	1,522	21.2	1,332
Connecticut	72	1,429	15,011	8,099	6,912	3,820	3,720	3,587	3,595	18.0	3,708
<b>MIDDLE ATLANTIC</b>	669	11,277	176,993	84,377	92,616	48,271	45,262	41,955	38,343	13.0	34,373
New York	314	5,404	84,335	39,702	44,633	23,176	21,244	20,063	18,086	12.8	16,265
New Jersey	112	1,795	26,624	12,917	13,707	7,286	6,797	6,222	5,902	13.2	5,139
Pennsylvania	243	4,078	66,034	31,758	34,276	17,809	17,221	15,670	14,355	13.2	12,969
<b>EAST NORTH CENTRAL</b>	598	8,663	151,151	66,897	84,254	42,049	39,982	36,000	32,053	11.4	28,256
Ohio	141	2,138	35,159	16,136	19,023	9,647	9,078	8,545	7,730	10.7	6,700
Indiana	36	523	9,287	4,275	5,012	2,459	2,568	2,255	2,005	5.2	1,790
Illinois	180	3,023	53,547	23,341	30,206	14,947	14,341	12,743	11,143	14.7	9,682
Michigan	156	1,914	35,947	15,462	20,485	10,000	9,573	8,510	7,655	12.1	7,013
Wisconsin	85	1,065	17,211	7,683	9,528	4,996	4,422	3,947	3,520	10.9	3,071
<b>WEST NORTH CENTRAL</b>	389	4,018	54,148	24,750	29,398	14,803	14,059	13,149	11,600	8.3	10,785
Minnesota	70	932	12,427	5,687	6,740	3,407	3,200	2,972	2,698	8.8	2,540
Iowa	129	1,015	11,424	5,234	6,190	3,050	3,035	2,757	2,512	9.1	2,321
Missouri	85	1,070	16,849	8,298	8,551	4,634	4,380	4,063	3,593	10.3	3,362
North Dakota	16	159	2,492	1,057	1,435	730	640	613	508	8.4	440
South Dakota	16	140	1,487	574	913	453	415	347	267	4.9	231
Nebraska	44	361	4,847	2,006	2,841	1,288	1,260	1,214	988	7.0	968
Kansas	29	341	4,622	1,894	2,728	1,241	1,129	1,183	1,033	5.0	923
<b>SOUTH ATLANTIC</b>	268	3,507	38,099	19,742	18,357	9,721	9,614	9,024	8,490	4.8	8,254
Delaware	10	137	1,533	882	651	392	445	358	325	12.2	308
Maryland	57	823	10,826	4,919	5,907	2,993	2,615	2,510	2,353	15.9	2,227
Virginia	54	785	6,569	3,988	2,581	1,391	1,641	1,698	1,587	5.2	1,685
West Virginia	14	185	2,344	1,296	1,048	591	611	578	546	2.6	478
North Carolina	26	267	2,221	1,122	1,099	538	586	538	475	1.3	456
South Carolina	15	156	1,634	732	902	408	445	398	338	2.6	359
Georgia	26	347	4,102	2,412	1,690	951	1,019	968	1,004	2.9	1,004
Florida	44	469	4,485	2,275	2,210	1,246	1,129	983	962	4.8	921
District of Columbia	22	338	4,385	2,116	2,269	1,211	1,123	993	900	14.8	816
<b>EAST SOUTH CENTRAL</b>	188	1,753	24,122	12,476	11,646	6,728	6,192	5,616	5,046	5.7	4,545
Kentucky	85	751	11,302	4,891	6,411	3,320	2,939	2,614	2,259	11.1	1,962
Tennessee	39	463	6,622	4,428	2,194	1,693	1,724	1,615	1,526	5.7	1,363
Alabama	36	306	3,696	1,800	1,896	1,010	897	850	766	3.0	741
Mississippi	28	233	2,502	1,357	1,145	705	632	537	495	3.1	479
<b>WEST SOUTH CENTRAL</b>	223	2,073	25,282	11,629	13,653	7,814	5,769	5,736	5,549	4.5	4,930
Arkansas	20	129	1,600	685	915	453	423	356	327	2.1	325
Louisiana	84	837	11,610	5,400	6,210	3,719	2,182	2,636	2,871	14.8	2,556
Oklahoma	35	259	2,239	1,043	1,196	645	578	509	457	2.0	397
Texas	84	848	9,833	4,501	5,332	2,997	2,586	2,235	1,894	3.4	1,652

See footnotes at end of table.

Table 1.—Number of schools, instructional staff, and pupils, 1947-48, and graduates, 1946-47, nonpublic secondary schools, by State—Continued

State by division	Number of schools	Number of instructional staff	Total enrollment <sup>1</sup>			Enrollment in last years of high school				Percent nonpublic enrollment is of total <sup>2</sup>	Number of graduates, 1946-47
			Total	Boys	Girls	First	Second	Third	Fourth		
1	2	3	4	5	6	7	8	9	10	11	12
<b>MOUNTAIN</b> .....	94	974	10,947	4,606	6,341	3,129	2,920	2,500	2,220	4.8	1,950
Montana.....	16	132	1,615	649	966	466	417	380	351	6.1	308
Idaho.....	7	58	589	210	379	167	134	146	142	1.9	154
Wyoming.....	1	10	160	76	84	34	38	54	34	1.2	37
Colorado.....	30	369	4,419	2,052	2,367	1,216	1,198	1,023	902	7.9	785
New Mexico.....	19	181	1,867	766	1,101	577	530	385	349	7.2	279
Arizona.....	14	142	1,671	622	1,049	490	442	407	326	5.8	290
Utah.....	6	78	531	194	337	149	161	105	116	1.4	97
Nevada.....	1	4	95	37	58	30	-----	-----	-----	.5	-----
<b>PACIFIC</b> .....	220	2,830	36,171	15,638	20,533	10,196	9,494	8,076	7,578	6.3	6,821
Washington.....	44	480	5,688	2,205	3,483	1,596	1,444	1,288	1,195	5.5	1,091
Oregon.....	21	245	2,994	1,532	1,462	854	781	653	642	4.5	550
California.....	155	2,105	27,489	11,901	15,588	7,746	7,269	6,135	5,741	6.8	5,180
<b>Outlying parts of the United States</b> .....	15	239	3,515	1,971	1,544	856	944	802	801	4.9	825
Hawaii.....	8	189	2,749	1,724	1,025	641	720	647	645	10.0	645
Puerto Rico.....	7	50	766	247	519	215	224	155	156	1.7	180

<sup>1</sup> Includes pupils in grades 9-12 and postgraduate and special pupils; also pupils in grades 6, 7, and 8 when these grades are part of a secondary school organization.

<sup>2</sup> These percents were obtained by dividing the number of nonpublic high-school pupils in each State by the total number of public and nonpublic high-school pupils in the State—in each case including only grades 9, 10, 11, and 12, plus postgraduate and special pupils. Grades 6, 7, and 8 were excluded because the nonpublic secondary school is, for all practical purposes, a 4-year high school; hence a comparison that included grades 6, 7, and 8 would be misleading. Public-school enrollment data were taken from the Biennial Survey of Education in the United States, 1946-48, ch. II, Statistics of State School Systems, 1947-48.

**Table 2.—Number of schools, staff, pupils, and graduates in nonpublic secondary schools from 1889-90 to 1947-48<sup>1</sup>**

Item	1889-90	1899-1900	1909-10	1919-20	1929-30	1932-33	1940-41	1947-48
1	2	3	4	5	6	7	8	9
Schools reporting.....	1,632	1,978	1,781	2,093	2,760	2,600	2,997	3,053
Secondary instructors:								
Total.....	7,209	10,117	11,146	14,946	22,014	19,175	30,130	40,830
Men.....	3,272	4,275	4,512	5,698	8,580	7,294	11,547	(2)
Women.....	3,937	5,842	6,634	9,248	13,434	11,881	18,583	(2)
Secondary pupils:								
Total.....	94,931	110,797	117,400	184,153	309,052	270,128	457,768	589,065
Boys.....	47,534	55,734	55,474	84,222	146,517	126,210	214,463	276,236
Girls.....	47,397	55,063	61,926	99,931	162,535	143,918	243,305	312,829
Negro secondary pupils included above:								
Total.....	(3)	2,390	3,888	9,526	9,868	5,760	5,733	8,999
Boys.....	(3)	990	1,408	3,185	3,248	2,172	2,007	3,380
Girls.....	(3)	1,400	2,480	6,341	6,620	3,588	3,726	5,619
Graduates (for schools reporting this item):								
Total.....	8,070	12,216	14,409	24,166	51,447	50,957	71,876	<sup>2</sup> 116,731
Boys.....	(2)	6,226	6,876	10,590	24,285	23,439	36,561	(2)
Girls.....	(2)	5,990	7,533	13,576	27,162	27,518	35,315	(2)
Schools:								
For boys only.....	(3)	(3)	348	385	504	484	557	558
For girls only.....	(3)	(3)	511	728	873	783	941	965
Coeducational.....	(3)	(3)	922	980	1,383	1,333	1,499	1,530
Enrollment in secondary:								
Boys schools.....	(3)	(3)	26,838	47,925	88,137	73,723	123,140	171,418
Girls schools.....	(3)	(3)	28,317	55,658	91,605	83,050	134,584	182,610
Coeducational schools.....	(3)	(3)	62,245	80,570	129,310	113,355	200,044	235,037
Secondary teachers to a school.....	4.4	5.1	6.3	7.1	7.9	7.4	10.1	13.4
Secondary pupils to a school.....	58.2	56.0	65.9	88.0	111.9	103.8	152.7	192.9
Secondary pupils to a teacher.....	13.2	10.9	10.5	12.3	14.0	14.1	15.2	14.4

<sup>1</sup> To preserve historical comparability, the figures for 1947-48 in this table include only the last 4 years of the secondary school system, special students, and postgraduates.

<sup>2</sup> Sex distribution not available.

<sup>3</sup> Data, 1946-47.

**Table 3.—Grade distribution of pupils in nonpublic secondary schools, 1906-7 to 1947-48**

Enrollment	1906-7 <sup>1</sup>	1909-10	1919-20	1929-30	1932-33	1940-41	1947-48
1	2	3	4	5	6	7	8
First year:							
Enrollment.....	21,856	37,775	61,358	93,365	79,277	137,883	162,551
Percent of total <sup>2</sup> .....	33.0	35.2	36.0	31.4	29.9	30.8	27.8
Second year:							
Enrollment.....	17,610	29,136	45,649	79,176	68,933	116,023	152,528
Percent of total <sup>2</sup> .....	26.6	27.1	26.8	26.6	26.0	25.9	26.1
Third year:							
Enrollment.....	14,837	22,693	35,205	65,849	60,245	101,425	140,364
Percent of total <sup>2</sup> .....	22.4	21.2	20.7	22.1	22.8	22.7	24.0
Fourth year:							
Enrollment.....	11,966	17,674	28,189	59,364	56,385	91,973	129,276
Percent of total <sup>2</sup> .....	18.0	16.5	16.5	19.9	21.3	20.6	22.1

<sup>1</sup> No data by grade collected prior to 1907.

<sup>2</sup> Percents based on total number of students in last 4 years of high school.

**Table 4.—Number of schools, instructional staff, and pupils, 1947-48, and graduates, 1946-47, nonpublic secondary schools, by religious affiliation or control**

Religious affiliation or control	Number of schools	Number of staff members	Total enrollment <sup>1</sup>			Enrollment in last 4 years of high school				Number of graduates, 1946-47
			Total	Boys	Girls	First	Second	Third	Fourth	
1	2	3	4	5	6	7	8	9	10	11
<b>NONPUBLIC SECONDARY SCHOOLS—CONTINENTAL UNITED STATES</b>										
<b>Total</b> .....	<b>3,053</b>	<b>41,180</b>	<b>594,236</b>	<b>278,807</b>	<b>315,429</b>	<b>162,551</b>	<b>152,528</b>	<b>140,364</b>	<b>129,276</b>	<b>116,731</b>
Denominational.....	2,479	31,760	515,908	230,384	285,524	146,781	134,951	120,846	108,800	95,840
Baptist.....	20	304	3,297	2,419	878	714	742	743	1,011	1,002
Lutheran.....	18	226	3,433	1,634	1,799	890	893	850	757	687
Methodist.....	21	287	2,974	1,596	1,378	568	653	736	840	861
Presbyterian.....	22	305	2,956	1,705	1,251	690	725	721	714	651
Protestant Episcopal.....	94	1,595	10,938	7,803	3,135	2,335	2,620	2,855	2,825	2,662
Roman Catholic.....	2,177	27,333	474,666	206,365	268,301	137,834	124,995	110,644	98,458	85,879
Seventh Day Adventist.....	51	516	5,535	2,439	3,096	1,392	1,481	1,352	1,252	1,201
Others.....	76	1,194	12,109	6,423	5,686	2,388	2,842	2,942	2,943	2,897
Nonsectarian.....	574	9,420	78,328	48,423	29,905	15,770	17,577	19,518	20,476	20,891
<b>NEGRO NONPUBLIC SECONDARY SCHOOLS (INCLUDED ABOVE)</b>										
<b>Total</b> .....	<b>86</b>	<b>732</b>	<b>9,087</b>	<b>3,419</b>	<b>5,668</b>	<b>2,879</b>	<b>2,329</b>	<b>1,967</b>	<b>1,657</b>	<b>1,586</b>
Denominational.....	76	631	8,013	2,907	5,106	2,537	2,029	1,756	1,566	1,389
Baptist.....	4	39	345	117	228	100	88	77	78	76
Lutheran.....	2	13	126	55	71	36	26	34	28	28
Methodist.....	6	72	988	335	653	246	269	254	183	161
Presbyterian.....	2	29	424	171	253	115	123	90	96	83
Protestant Episcopal.....	3	16	241	105	136	80	63	61	30	57
Roman Catholic.....	57	436	5,502	1,952	3,550	1,849	1,370	1,150	1,067	895
Others.....	2	26	387	172	215	111	90	90	84	89
Nonsectarian.....	10	101	1,074	512	562	342	300	211	121	197
<b>NONPUBLIC SECONDARY SCHOOLS—OUTLYING PARTS OF THE UNITED STATES</b>										
<b>Total</b> .....	<b>15</b>	<b>239</b>	<b>3,515</b>	<b>1,971</b>	<b>1,544</b>	<b>856</b>	<b>944</b>	<b>802</b>	<b>801</b>	<b>825</b>
Denominational.....	12	176	2,908	1,656	1,252	703	780	669	644	702
Protestant Episcopal.....	2	50	506	334	172	138	127	119	122	135
Roman Catholic.....	8	85	1,759	1,022	737	464	492	404	383	408
Seventh Day Adventist.....	1	20	376	160	216	54	86	68	79	76
Others.....	1	21	267	140	127	47	75	78	60	83
Nonsectarian.....	3	63	607	315	292	153	164	133	157	123

<sup>1</sup> Includes pupils in grades 9-12 and postgraduate and special pupils; also pupils in grades 6, 7, and 8 when these grades are part of a secondary school organization.



**Table 5.—Number of schools and pupils enrolled in nonpublic secondary schools, by religious affiliation or control, 1894-95 to 1947-48**

Religious affiliation or control	1894-95	1899-1900	1909-10	1919-20	1929-30 <sup>1</sup>	1932-33	1940-41	1947-48
1	2	3	4	5	6	7	8	9
<b>Total:</b>								
Schools.....	2,180	1,978	1,791	2,092	2,813	2,600	2,997	3,053
Pupils.....	118,347	110,797	117,400	184,154	334,593	270,128	457,768	589,065
<b>Denominational:</b>								
Schools.....	910	945	1,153	1,526	2,166	2,088	2,461	2,479
Pupils.....	52,441	53,624	71,147	130,020	254,086	224,479	396,214	512,727
<b>Baptist:</b>								
Schools.....	109	96	74	107	66	38	24	20
Pupils.....	7,424	7,173	6,983	10,903	7,300	3,674	3,063	3,275
<b>Lutheran:</b>								
Schools.....	36	32	42	47	33	35	25	18
Pupils.....	1,908	2,032	3,339	4,005	3,381	2,081	2,362	3,394
<b>Methodist:</b>								
Schools.....	60	65	67	71	62	34	28	21
Pupils.....	5,958	5,522	6,007	7,902	7,632	3,474	2,951	2,924
<b>Presbyterian:</b>								
Schools.....	102	93	67	64	71	46	27	22
Pupils.....	4,654	4,574	3,570	5,267	8,016	4,534	3,232	2,859
<b>Protestant Episcopal:</b>								
Schools.....	119	98	71	91	97	89	101	94
Pupils.....	5,552	5,145	4,788	7,761	7,968	6,903	8,523	10,727
<b>Roman Catholic:</b>								
Schools.....	280	361	630	976	1,648	1,698	2,105	2,177
Pupils.....	12,777	15,872	30,124	76,054	201,495	192,579	361,123	472,625
<b>Seventh-day Adventist:</b>								
Schools.....				22	74	70	70	51
Pupils.....				1,992	4,866	3,346	4,712	5,532
<b>Other:</b>								
Schools.....	204	200	202	148	115	78	81	76
Pupils.....	14,168	13,306	16,336	16,136	13,428	7,888	10,248	11,391
<b>Nonsectarian:</b>								
Schools.....	1,270	1,033	638	566	647	512	536	574
Pupils.....	65,906	57,173	46,253	54,134	80,507	45,649	61,554	76,338

<sup>1</sup> Includes outlying parts.<sup>2</sup> To preserve historical comparability, the figures for 1947-48 in this table include only the last 4 years of the secondary school system, special pupils, and postgraduates.**Table 6.—Number of schools, teachers, and pupils in Catholic secondary schools, 1947-48<sup>1</sup>**

State, by region	Num ber of schools	Teachers				Enrollment			
		Total	Religious		Lay		Total, includ- ing un- distrib- uted <sup>2</sup>	Boys	Girls
			Men <sup>3</sup>	Wo- men	Men	Wo- men			
1	2	3	4	5	6	7	8	9	10
<b>Continental United States.....</b>	<b>2,150</b>	<b>26,832</b>	<b>6,602</b>	<b>16,041</b>	<b>2,025</b>	<b>2,164</b>	<b>482,672</b>	<b>209,624</b>	<b>264,605</b>
<b>NEW ENGLAND.....</b>	<b>217</b>	<b>2,632</b>	<b>611</b>	<b>1,661</b>	<b>188</b>	<b>172</b>	<b>48,865</b>	<b>20,706</b>	<b>27,647</b>
Maine.....	17	170	67	87	9	7	2,711	1,454	1,257
New Hampshire.....	17	133	14	110	2	7	2,747	1,009	1,695
Vermont.....	10	142	14	113	12	3	2,211	888	1,281
Massachusetts.....	134	1,563	337	1,052	80	94	30,840	13,287	17,553
Rhode Island.....	17	277	94	123	42	18	4,864	2,038	2,826
Connecticut.....	22	347	85	176	43	43	5,492	2,030	3,035

See footnotes at end of table.

Table 6.—Number of schools, teachers, and pupils in Catholic secondary schools, 1947-48<sup>1</sup>—Continued

State, by region	Number of schools	Teachers					Enrollment		
		Total	Religious		Lay		Total, including undistributed <sup>2</sup>	Boys	Girls
			Men <sup>3</sup>	Women	Men	Women			
1	2	3	4	5	6	7	8	9	10
MIDDLE ATLANTIC.....	474	7,480	1,832	4,311	678	659	149,679	65,038	80,994
New York.....	229	3,643	1,025	1,921	372	325	74,411	31,683	40,957
New Jersey.....	74	1,193	223	694	102	174	22,287	9,216	11,195
Pennsylvania.....	171	2,644	584	1,696	204	160	52,981	24,139	28,842
EAST NORTH CENTRAL.....	509	6,957	1,659	4,334	495	469	136,551	58,672	74,996
Ohio.....	120	1,725	429	1,008	130	158	31,953	14,422	16,375
Indiana.....	31	399	89	269	24	17	7,913	3,305	4,608
Illinois.....	142	2,495	723	1,377	208	187	48,291	20,095	27,467
Michigan.....	145	1,512	220	1,158	70	64	33,228	14,157	18,590
Wisconsin.....	71	826	198	522	63	43	15,166	6,693	7,956
WEST NORTH CENTRAL.....	337	3,358	772	2,147	245	194	48,889	22,049	26,445
Minnesota.....	59	723	131	458	77	57	11,206	4,960	6,246
Iowa.....	120	856	190	617	27	22	10,813	4,832	5,883
Missouri.....	65	908	263	511	62	72	14,859	7,083	7,601
North Dakota.....	14	125	30	79	10	6	1,689	720	880
South Dakota.....	9	104	26	65	9	4	1,137	409	728
Nebraska.....	42	324	65	211	37	11	4,830	2,172	2,658
Kansas.....	28	318	67	206	23	22	4,355	1,873	2,449
SOUTH ATLANTIC.....	138	1,499	399	822	127	151	22,651	9,617	12,949
Delaware.....	6	60	28	24	4	4	1,330	742	588
Maryland.....	36	469	123	275	38	33	8,389	3,426	4,963
District of Columbia.....	16	228	58	110	19	41	3,597	1,386	2,211
Virginia.....	21	187	47	102	23	15	1,966	866	1,100
West Virginia.....	14	131	27	86	10	8	1,966	908	1,048
North Carolina.....	10	111	38	47	5	21	592	231	331
South Carolina.....	4	41	11	26	-----	4	766	300	421
Georgia.....	9	72	23	34	10	5	1,222	507	715
Florida.....	22	200	44	118	18	20	2,823	1,251	1,572
EAST SOUTH CENTRAL.....	100	979	274	574	45	86	14,957	6,754	8,133
Kentucky.....	57	591	167	359	16	49	9,280	3,925	5,285
Tennessee.....	16	153	44	85	9	15	2,394	1,270	1,124
Alabama.....	14	155	44	74	16	21	2,227	1,098	1,129
Mississippi.....	13	80	19	56	4	1	1,056	461	595
WEST SOUTH CENTRAL.....	180	1,525	443	859	84	139	22,927	10,750	12,023
Arkansas.....	17	120	41	72	3	4	1,456	663	789
Louisiana.....	70	615	198	304	52	61	10,096	5,071	4,938
Oklahoma.....	26	193	35	133	4	21	1,875	855	1,020
Texas.....	67	597	169	350	25	53	9,500	4,161	5,276
MOUNTAIN.....	64	634	131	418	32	53	8,360	3,144	4,844
Montana.....	15	126	31	81	9	5	1,556	547	853
Idaho.....	5	46	5	36	2	3	335	96	239
Wyoming.....	1	13	1	2	1	9	160	71	89
Colorado.....	22	265	77	146	15	27	3,680	1,700	1,980
New Mexico.....	12	96	12	80	4	-----	1,545	634	911
Arizona.....	4	50	-----	46	-----	4	678	-----	595
Utah.....	4	35	5	24	1	5	376	79	164
Nevada.....	1	3	-----	3	-----	-----	30	17	13
PACIFIC.....	131	1,768	481	915	131	241	29,793	12,894	16,574
Washington.....	28	331	116	193	11	11	4,794	2,125	2,669
Oregon.....	17	219	42	114	10	53	2,711	1,176	1,535
California.....	86	1,218	323	608	110	177	22,288	9,593	12,370

<sup>1</sup> Prepared by Department of Education, National Catholic Welfare Conference.<sup>2</sup> Includes 4,248 priests and 2,354 brothers.<sup>3</sup> Includes 8,443 secondary pupils undistributed by sex.



Biennial Survey of Education in the United States—1946-48

*Chapter 8*

Statistics

of Public-School

Northwestern University

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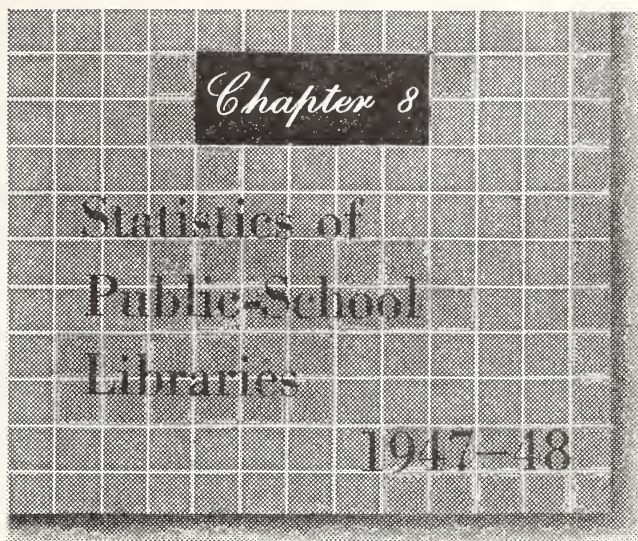
The Joseph S. Holman Library

Libraries

*1947-48*







Prepared by NORA E. BEUST, *Specialist in School and Children's Libraries*, with the assistance of MARY M. WILLHOITE, *Survey Statistician*

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# CONTENTS

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## TEXT

	<i>Page</i>
FOREWORD . . . . .	v
PROGRAM FOR LIBRARY STATISTICS . . . . .	1
CLASSIFICATION OF LIBRARIES, BY SIZE OF PLACE . . . . .	2
EXTENT OF COVERAGE . . . . .	2
CENTRALIZED LIBRARIES . . . . .	3
TOTAL EXPENDITURES FOR ALL TYPES OF LIBRARY SERVICE . . . . .	6
BOOKS, PERIODICALS, NEWSPAPERS, BINDING AND REBINDING . . . . .	6
COMPARISON OF SOME 1941-42 AND 1947-48 DATA . . . . .	7
DATA ON SUMMARY TABLES, 1947-48 . . . . .	9

## TABLES

1. Percent of schools served by centralized libraries, by educational level of school and by population group, 1947-48 . . . . .	4
2. Percent of total volumes in centralized libraries, by educational level of school and by population group, 1947-48 . . . . .	4
3. Percent of centralized libraries, by size of library and by population group, 1947-48 . . . . .	4
4. Percent of all volumes added to centralized libraries, by educational level of school and by population group, 1947-48 . . . . .	5
5. Percent of librarians, full-time and half-time or less, by population group, 1947-48 . . . . .	5
6. Percent of expenditures for school libraries, by purpose and per pupil enrolled, by population group, 1947-48 . . . . .	6
7. Percentage distribution of centralized libraries, by educational level of school, by population group, 1941-42 and 1947-48 . . . . .	7
8. Percentage distribution of volumes in centralized libraries, by educational level of school, by population group, 1941-42 and 1947-48 . . . . .	8
9. Percent of increase in total number of volumes in centralized libraries, by population group, from 1941-42 to 1947-48 . . . . .	8
10. Percent of librarians employed on full-time and on part-time bases, by population group, 1941-42 and 1947-48 . . . . .	9
11. Percent of increase in expenditures for library service in city public schools, by population group, from 1941-42 to 1947-48 . . . . .	9
12. Number of centralized libraries, books, and librarians, and expenditures for books and periodicals in 424 schools reporting, by population group, 1941-42 and 1947-48 . . . . .	10
13. Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48 . . . . .	28



# FOREWORD

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THIS CHAPTER of the Biennial Survey of Education is one of a series of periodic statistical reports on public-school libraries in the United States. Previous reports have covered the school year 1934-35 and the school year 1941-42.

The questionnaire employed in the current survey was prepared in cooperation with a group of State Supervisors of School Libraries and members of statistical committees of the American Library Association. This questionnaire, though longer than those employed in the past, confines itself to information considered necessary as a basis for improving the administration and service of public-school libraries. The questionnaire was sent to 3,204 superintendents of city school systems, 1,451 superintendents of independent school systems, and 3,442 superintendents of county (mostly rural) schools—a total of 8,097 superintendents. Of this number, many failed to return usable reports, presumably because the necessary data were not on file in their offices. For this reason, the present report is incomplete and no attempt has been made to estimate State or national totals from the reports that were received. Percentages and other statistical measures were calculated on the basis of all usable reports, or on samples of such reports.

Adequate statistical reports on public-school libraries depend upon the availability of adequate information in the school superintendents' offices, since it is impractical for the Office of Education to deal directly with approximately 175,000 separate schools. Constructive steps are needed to improve statistical reporting of the facts about public-school libraries. There is urgent need (*a*) to define a body of useful, basic, statistical information about public-school libraries; (*b*) to establish a uniform system of recording in the libraries, with a view to comparable statistics; (*c*) to establish



a uniform system of reporting by the libraries to school administrators; and (d) to publish a Manual of School-Library Records and Reports for the use of school librarians. These developments can best be accomplished by a continuing, cooperative effort by the Office of Education and responsible library and school officials.

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RALPH M. DUNBAR,  
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RALPH C. M. FLYNT, *Director,*  
*Division of Special Educational Services.*

# Statistics of Public-School Libraries, 1947-48

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## *Program for Library Statistics*

THE PURPOSE OF this statistical compilation is to present some illustrative material about public-school libraries for the school year 1947-48. The study is one in a series of separate compilations of library statistics, by type of library, begun by the Office of Education with *Statistics of Public-School Libraries, 1934-35*.<sup>1</sup> *Statistics of Public-School Libraries, 1941-42* was the second report in the series. School library data for 1947-48 were obtained by the Office of Education through the use of the report blank, "School Library Statistics" (Form RSS-070).<sup>2</sup> This questionnaire was devised by the Research and Statistical Service and the Service to Libraries Section with the assistance of members in various sections of the Division of Elementary and Secondary Schools. The Statistical Committee of the American Association of School Libraries of the American Library Association and other outside specialists in the field of school libraries also assisted with their counsel.

The form was sent to 8,097 superintendents of schools of city and independent school districts and to county superintendents for all school districts under their jurisdiction. The small number of usable returns of the questionnaire received by the office, is insufficient for a study comparable to the 1934-35 and 1941-42 studies. This indicates that the data requested are not available in the offices of the superintendents of schools. Data may be available in the office of the principal of each elementary and secondary school, but a study based on forms sent to each school would have involved the mailing of about 175,000 forms. A project of such magnitude could not be undertaken by the staff and the facilities now available. The experience of the Office of Education seems to indicate that Nation-wide statistical studies on the status of libraries in public schools should be limited in scope until school systems are able to provide more adequate means for recording and reporting library data to the superintendent's office.

<sup>1</sup> See p. 74 for a list of publications of the Office of Education containing statistics on school libraries.

<sup>2</sup> See p. 71.

In the interim, the following items are suggested for consideration in National statistical studies, and should be made available through the offices of superintendents of schools: (1) Number of centralized libraries; (2) number of books added annually; (3) number of trained school librarians; (4) number of clerical assistants; (5) expenditures for books, periodicals, binding, and rebinding; and (6) expenditures for librarians' salaries.

### *Classification of Libraries, by Size of Place*

The school libraries included in the present study are grouped according to the population of cities into four classifications, as reported in the United States Census of 1940, and independent school districts. All other libraries are classified as existing in counties. Some of these counties include both city and rural territory in the school system, others include rural territory only.

<i>Mailing list</i>	<i>Number of school superintendents</i>
Group I cities (100,000 population and more) .....	89
Group II cities (30,000 to 99,999 population) .....	254
Group III cities (10,000 to 29,999 population) .....	742
Group IV cities (2,500 to 9,999 population) .....	2, 119
Independent school districts .....	1, 451
Counties .....	<sup>1</sup> 3, 442
<b>Total</b> .....	<b>8, 097</b>

<sup>1</sup> A consolidated report was requested from each county superintendent regardless of how many school districts are under his jurisdiction.

### *Extent of Coverage*

The basic data used for this report are derived from reports made by superintendents of school systems except for Minnesota, in which State the assistant commissioner of education requested that data be received through the State department of education. The number of school systems from which data are included in the tables for this study for 1947-48 were distributed as follows:

<i>Size of place</i>	<i>Number of systems used in tabulation</i>
Group I cities .....	75
Group II cities .....	146
Group III cities .....	402
Group IV cities .....	307
Independent districts .....	0
Counties .....	107
<b>Total</b> .....	<b>1, 037</b>

From these 1,037 school systems, no attempt was made to estimate State or national totals. Because of the inadequacy of the returns, no data are included for the independent school districts. These are districts that have their own superintendents but report directly to the State, not through any county or city superintendent.

School systems included in the tables for group I, group II, and group III cities are the entire number of systems reporting usable data for the items tabulated in the tables. The number of school systems included in group IV cities is approximately 15 percent of the number of cities in this population group, on the 1940 census basis. The systems used were selected at random from usable returns except in States in which the usable returns were less than 15 percent of the total number of school systems. In this latter case, the number reported was used. Reports from five county superintendents were used in each State, except for States from which fewer than five county superintendents reported usable returns, in which case the number reported was used.

### *Centralized Libraries*

Trends in centralized libraries from 1941-42 to 1947-48 are shown by the comparisons of school libraries in identical school systems for these two periods. The status of libraries in specific school systems in 1947-48 is shown in the detailed data given from the school systems submitting usable returns. Complete data were not available for State and national totals. The questionnaire carried the following definition of the centralized library:

A centralized library is one administered as a unit and usually located in one place. It makes books available to all the pupils and teachers of the school. (Include here schools served by centralized libraries but which have kindergartens and lower elementary grades served by classroom collections only.)

It is of interest to look at the percent of high schools and combination elementary-high schools served by centralized libraries in systems reporting this type of service (table 1). More than 9 in every 10 high schools in each of the 4 city groups and in counties were served by centralized libraries, and more than 8 in every 10 in the combination elementary and high schools were so served. Fewer than 1 in every 2 of the elementary schools in group I cities had centralized libraries and fewer than 1 in every 6 of the elementary schools under county superintendents had centralized libraries. Group I city systems have centralized libraries in almost half of their elementary schools; group II city systems, in two-fifths of their elementary schools; group III city systems, in approximately one-third of their elementary schools; group IV city systems, in more

than two-fifths of their elementary schools; while the county group has centralized libraries in only about three-twentieths of their elementary schools. The percentage of centralized libraries in high schools, regardless of size of place, is more than 90.

*Table 1.—Percent of schools served by centralized libraries, by educational level of school and by population group, 1947-48*

Group	Total	Elementary schools	High schools	Combination schools
1	2	3	4	5
I.....	54.5	45.1	95.5	87.0
II.....	49.5	38.7	91.9	85.7
III.....	45.2	31.8	90.4	90.3
IV.....	58.1	40.5	96.3	84.0
County.....	25.5	15.1	94.3	93.4

*Table 2.—Percent of total volumes in centralized libraries, by educational level of school and by population group, 1947-48*

Group	Total	Elementary schools	High schools	Combination schools
1	2	3	4	5
I.....	100.0	35.6	60.2	4.2
II.....	100.0	38.3	56.0	5.7
III.....	100.0	32.3	62.6	5.1
IV.....	100.0	28.8	63.9	7.3
County.....	100.0	22.7	34.1	43.2

*Table 3.—Percent of centralized libraries, by size of library and by population group, 1947-48*

Group	Total	Fewer than 1,000 volumes	1,000-2,999 volumes	3,000-4,999 volumes	5,000 volumes or more
1	2	3	4	5	6
I.....	100.0	23.0	39.7	15.1	22.2
II.....	100.0	13.0	42.5	23.6	20.9
III.....	100.0	23.4	33.4	21.2	22.0
IV.....	100.0	18.2	43.9	25.2	12.7
County.....	100.0	59.1	30.3	7.6	3.0

The comparatively small number of combination elementary-high schools in city systems reporting centralized libraries probably accounts for the low percentage of the total number of volumes in these systems that are in combination schools in cities (table 2). There were approximately twice as many volumes available to pupils in high schools as were available to pupils in the elementary schools in city school systems. The fact that 43 percent of the centralized library books in schools under county superintendents are in the 12-



year combined elementary-high schools, makes it possible for the elementary pupils in these schools to have good library service, if elementary books are included in the library and are made easily accessible to the elementary pupils.

Approximately 1 out of 5 centralized libraries in group I, group II, and group III cities, respectively, reported 5,000 or more volumes (table 3). County systems, however, reported approximately 1 out of 33 centralized libraries with a book stock of 5,000 or more volumes. County systems reported almost 3 out of 5 centralized libraries as having fewer than 1,000 volumes. City systems average fewer than 1 out of 5 centralized libraries with book stocks of fewer than 1,000 volumes.

In all sizes of city school systems the largest proportion of new books added during the year were added to high-school libraries (table 4). In county (rural) school systems a little over one-fourth of all new books went to elementary school libraries; one-fourth to high-school libraries; and a little less than half to the combined elementary and high-school libraries, which serve many small communities.

City school systems in group I cities employed approximately three out of four librarians full time while county systems employed fewer than one out of five librarians full time (table 5). Only one librarian out of four was employed half time or less in group I systems, while more than four out of five were employed half time or less in county systems. In the small group IV cities the percent of librarians on full time or half time or less was almost the same.

*Table 4.—Percent of all volumes added to centralized libraries, by educational level of school and by population group, 1947-48*

Group	Total	Elementary schools	High schools	Combination schools
1	2	3	4	5
I.....	100.0	38.3	59.0	2.7
II.....	100.0	44.4	49.2	6.4
III.....	100.0	40.0	54.6	5.4
IV.....	100.0	35.4	55.0	9.6
County.....	100.0	26.5	26.8	46.7

*Table 5.—Percent of librarians, full time and half time or less, by population group, 1947-48*

Group	Full time	Half time or less
I.....	72.5	27.5
II.....	67.9	32.1
III.....	67.1	32.9
IV.....	49.0	51.0
County.....	16.6	83.4

### Total Expenditures for all Types of Library Service

Total expenditures per pupil enrolled for all types of library service in all types of city school systems reporting usable forms are approximately twice as much as such expenditures in school systems in counties (table 6). All population groups reported the highest percentage of the total spent for salaries. City systems used 65 percent or more for this item while county systems used 45.5 percent. City school systems spent from \$1.62 to \$1.93 on the average per pupil enrolled for library salaries but county (rural) school systems spent only \$0.64 per pupil for this purpose.

Book stock, including books, periodicals, newspapers, binding, and rebinding, accounted for approximately 25 percent of the expenditures in city school libraries. The county (rural) systems used more than 41 percent for this item. Group IV city systems spent \$0.81, the largest amount, per pupil enrolled for this book stock item

Table 6.—Percent of expenditures for school libraries, by purpose and per pupil enrolled, by population group, 1947-48

Group	Total	Salaries	Books, periodicals, pamphlets, newspapers binding, and rebinding	Audio-visual aids	Equipment	Other
1	2	3	4	5	6	7
<b>I</b>						
Percent.....	100.0	69.2	26.0	2.7	1.1	1.0
Per pupil.....	\$2.35	\$1.62	\$0.61	\$0.07	\$0.03	\$0.02
<b>II</b>						
Percent.....	100.0	67.7	22.7	3.9	2.3	3.4
Per pupil.....	\$2.85	\$1.93	\$0.65	\$0.11	\$0.06	\$0.10
<b>III</b>						
Percent.....	100.0	65.7	26.9	2.5	2.0	2.9
Per pupil.....	\$2.48	\$1.63	\$0.67	\$0.06	\$0.05	\$0.07
<b>IV</b>						
Percent.....	100.0	65.0	27.9	2.5	1.7	2.9
Per pupil.....	\$2.91	\$1.89	\$0.81	\$0.07	\$0.05	\$0.09
<b>County</b>						
Percent.....	100.0	45.5	41.6	6.4	3.3	3.2
Per pupil.....	\$1.41	\$0.64	\$0.59	\$0.09	\$0.05	\$0.04

It is of interest to note that library budgets report the following percentages spent for audio-visual materials in each of the population groups: Group I, 2.7; group II, 3.9; group III, 2.5; group IV, 2.5; and counties, 6.4. In 1941-42<sup>3</sup> the percentage reported for all city systems was 0.95 and for rural districts 1.47. Though the increase in percentage of expenditure for audio-visual materials is not great yet, the increases indicate a trend in library budgets. In general,

<sup>3</sup> Statistics of Public-School Libraries, 1941-42, p. 29.

there is an increase in the school libraries that spend part of their budgets for these media of instruction. The library expenditures for audio-visual materials are only a portion of the funds spent for this purpose, as many schools still have separate budget items for the various types of instructional materials.

### *Comparisons of Some 1941-42 and 1947-48 Data*

Comparison of the data for 1941-42 and 1947-48 give some indication of the growth of school libraries during the period. Because these comparisons are confined to city school systems which have relatively few combined elementary and high-school libraries, these few have been added to the high-school libraries. As a basis for comparing the progress of school libraries during this period only those city school systems which reported comparable data on the following items for both periods were included:

1. Number of centralized libraries, by educational level.
2. Number of volumes in centralized libraries, by educational level.
3. Number of full-time and part-time librarians.
4. Expenditure for books and periodicals.

The total number of city school systems included in the tables used for the 1941-42 and 1947-48 comparisons was 424, distributed as follows: Group I, 40; group II, 68; group III, 178; group IV, 138; total, 424.

The proportion of all centralized libraries that were in elementary schools increased in groups I, III, and IV city school systems, respectively, but decreased slightly in group II city systems (table 7).

*Table 7.—Percentage distribution of centralized libraries, by educational level of school, by population group, 1941-42 and 1947-48*

Group	1941-42		1947-48	
	Elementary schools	Secondary schools <sup>1</sup>	Elementary schools	Secondary schools <sup>1</sup>
1	2	3	4	5
I.....	65.2	34.8	67.9	32.1
II.....	62.6	37.4	60.1	39.9
III.....	55.5	44.5	56.4	43.6
IV.....	47.5	52.5	50.7	49.3

<sup>1</sup> Includes combination elementary-high-school libraries.

The percentage distribution of volumes in centralized libraries between elementary and secondary schools in 1941-42 and 1947-48 remained fairly constant with a slight tendency for a larger proportion

of the volumes to be in high-school libraries in all except the largest cities (table 8). This may be due, however, to the increase in the number of junior high schools.

There was a substantial percentage increase in the total number of volumes in centralized libraries in all groups and both educational levels from 1941-42 to 1947-48. The greatest percent of increase was approximately 26 percent in the elementary schools of group I cities (table 9).

*Table 8.—Percentage distribution of volumes in centralized libraries, by educational level of school, by population group, 1941-42 and 1947-48*

Group	1941-42		1947-48	
	Elementary schools	Secondary schools <sup>1</sup>	Elementary schools	Secondary schools <sup>1</sup>
1	2	3	4	5
I.....	34.2	65.8	35.0	65.0
II.....	41.4	58.6	40.1	59.9
III.....	34.7	65.3	34.4	65.6
IV.....	29.7	70.3	29.4	70.6

<sup>1</sup> Includes combination elementary-high-school libraries.

*Table 9.—Percent of increase in total number of volumes in centralized libraries, by population group, from 1941-42 to 1947-48*

Group	Total	Elementary schools <sup>1</sup>	Secondary schools <sup>1</sup>
1	2	3	4
I.....	22.89	25.67	21.45
II.....	19.81	16.00	22.49
III.....	19.61	18.44	20.23
IV.....	20.79	19.58	21.30

<sup>1</sup> Includes combination elementary-high-school libraries.

The percent of school librarians that are employed full time in city school systems reporting comparable data for 1941-42 and 1947-48 increased in each of the four population groups (table 10). The greatest increase from 63.7 to 87.2 percent was found in group I systems. The next largest increase was in group III systems, from 62.8 to 72.9 percent.

The expenditures for library services increased from 1941-42 to 1947-48 in all groups, from 35.4 percent in group IV cities to 109.5 percent in group I cities (table 11), in schools reporting comparable data.

**Table 10.—Percent of librarians employed on full-time and on part-time bases, by population group, 1941-42 and 1947-48**

Group	1941-42		1947-48	
	Full time	Part time	Full time	Part time
1	2	3	4	5
I.....	63.7	36.3	87.2	12.8
II.....	64.3	35.7	70.5	29.5
III.....	62.8	37.2	72.9	27.1
IV.....	50.0	50.0	55.5	44.5

**Table 11.—Percent of increase in expenditures for library service in city public schools, by population group, from 1941-42 to 1947-48**

Group	Percent of increase	Group	Percent of increase
1	2	1	2
I.....	109.5	III.....	38.5
II.....	65.8	IV.....	35.4

Data are given for each of 424 cities in table 12, for 1941-42 and 1947-48 to show changes that have taken place in centralized school libraries during this period.

### ***Data on Summary Tables, 1947-48***

The summary table 13 gives details for 1947-48 for each school system reporting usable data on centralized school libraries by city population groups I through III, according to the 1940 census, and for approximately 15 percent of the school systems in group IV cities. Data are given for five county rural systems, in each State, except for States reporting fewer than five, in which case the number reported was used.



Table 12.—Number of centralized libraries, books, and librarians; and expenditures for books and periodicals in 424 school systems reporting, by population group, 1941-42 and 1947-48

CITY	1941-42										1947-48									
	CENTRALIZED LIBRARIES					ALL SCHOOL LIBRARIES					CENTRALIZED LIBRARIES					ALL SCHOOL LIBRARIES				
	Number of libraries			Number of books		Expenditures for books and periodicals	Librarians			Number of libraries			Number of books		Expenditures for books and periodicals	Librarians				
	Total	Elementary schools	Secondary schools	Total	Elementary schools		Secondary schools	Total	Full-time	Part-time	Total	Elementary schools	Secondary schools	Total		Elementary schools	Secondary schools	Total	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
43	33	10	75,643	36,622	39,021	\$4,207	8	6	39	29	10	88,531	38,249	50,282	\$14,340	8	6			
81	21	6	124,554	66,387	58,167	8,559	11	6	17	64,833	17	159,489	45,170	114,319	33,429	40	5			
17	11	6	25,229	9,378	15,851	4,609	2	8	17	11	6	35,490	4,490	31,000	10,983	6	3			
365	312	53	963,258	593,392	369,866	100,898	175	107	360	316	44	1,158,505	755,038	403,467	8,334	6	11			
40	6	34	273,095	34,525	238,570	41,764	58	---	38	4	34	290,922	31,656	259,266	178,433	224	43			
14	---	14	85,368	---	85,368	10,019	14	---	14	---	14	98,294	---	98,294	15,240	15	---			
38	22	16	144,072	36,359	107,713	39,676	20	---	41	23	18	159,489	45,170	114,319	33,429	40	5			
4	---	4	18,537	---	18,537	7,422	4	---	---	5	5	26,640	---	26,640	18,346	5	---			
146	108	38	401,986	213,956	188,030	32,420	146	---	157	119	38	405,746	230,985	174,761	51,100	155	---			
27	21	6	54,875	23,430	32,445	3,942	6	17	26	20	6	61,770	27,113	34,657	6,566	6	---			
11	6	5	33,944	10,571	23,373	3,380	9	---	8	8	8	37,681	---	37,681	2,904	8	---			
8	8	8	46,764	22,119	24,645	7,208	15	1	15	1	14	61,793	2,677	59,116	10,570	13	2			
14	8	6	52,622	17,622	35,000	5,231	7	8	15	9	6	64,277	23,618	40,659	6,165	6	3			
33	23	10	143,716	55,245	88,471	19,231	22	3	39	27	12	183,489	77,077	106,412	32,729	36	3			
71	---	71	520,700	---	520,700	207,734	72	---	76	76	76	760,000	---	760,000	760,593	92	---			
15	5	10	33,921	4,969	28,952	10,595	13	2	13	13	13	55,504	---	55,504	7,780	13	---			
71	48	23	235,335	80,000	175,335	17,339	38	---	71	49	22	267,631	34,000	233,631	33,000	46	---			
42	30	12	68,394	28,907	39,487	11,257	11	7	43	31	12	114,110	64,721	49,389	19,000	16	7			
3	---	3	12,176	---	12,176	668	3	---	3	3	3	14,652	---	14,652	14,652	3	---			
68	52	16	129,092	77,085	52,007	23,264	12	---	75	61	14	211,408	153,868	57,540	37,086	3	1			

New York, N. Y.	418	104	1,113,413	279,880	833,533	100,000	219	334	544	381	163	1,459,222	475,522	983,700	150,000	1,187
Newark, N. J.	30	19	140,175	77,395	62,780	7,139	21	15	61	49	12	133,574	83,410	56,164	20,010	39
Norfolk, Va.	31	26	70,870	37,826	33,044	1,463	6	36	30	6	6	99,102	52,117	46,985	19,278	37
Peoria, Ill.	21	16	45,414	11,809	33,605	1,377	4	1	21	17	4	68,479	43,524	24,555	19,500	13
Philadelphia, Pa.	149	105	389,414	120,842	268,572	53,220	44	173	130	43	43	487,894	167,546	320,348	48,088	43
Pittsburgh, Pa.	110	87	261,632	116,731	144,901	10,365	35	87	102	79	23	307,069	146,121	160,948	25,666	52
Providence, R. I.	11	11	47,238	47,238	3,521	---	---	11	12	12	12	46,934	46,934	2,543	16	16
Reading, Pa.	10	5	36,959	3,663	33,296	3,970	5	9	4	4	5	39,745	3,715	36,030	6,950	6
Rochester, N. Y.	15	4	90,154	14,018	76,136	16,759	22	---	11	11	11	84,655	84,655	16,972	12	12
Sacramento, Calif.	25	18	68,574	29,956	38,618	25,199	11	28	25	19	6	178,086	84,601	93,485	40,431	9
St. Paul, Minn.	33	17	68,162	8,400	59,762	4,496	13	---	51	41	10	171,874	71,874	39,290	13	13
Salt Lake City, Utah	39	28	84,752	50,224	34,528	7,876	35	4	38	28	10	100,791	65,209	55,582	13,404	7
San Antonio, Tex.	16	16	97,147	97,147	9,334	---	19	16	16	16	16	115,118	115,118	13,147	18	18
San Francisco, Calif.	20	20	90,737	90,737	19,000	---	28	21	21	21	21	138,178	138,178	53,456	28	1
Scranton, Pa.	1	5	20,243	---	20,243	2,314	5	5	5	5	5	23,172	---	23,172	3,295	5
South Bend, Ind.	30	16	49,118	31,349	17,769	5,469	15	9	13	9	4	51,265	28,988	22,277	6,468	10
Tacoma, Wash.	37	29	50,445	23,289	25,156	6,000	2	6	35	27	8	55,354	44,916	40,458	14,001	7
Utica, N. Y.	3	1	18,289	4,922	13,367	3,000	5	1	5	3	2	23,233	6,566	16,667	1,634	6
Wichita, Kans.	20	11	61,659	22,388	39,271	4,471	14	---	10	10	10	58,609	58,609	15,293	12	1
Yonkers, N. Y.	31	21	61,190	27,412	33,778	8,961	10	---	32	22	10	66,479	33,157	33,322	3,971	9

GROUP II.—CITIES OF 30,000 TO 99,999 POPULATION

ARIZONA																	
Phoenix: High School Dist.	3	3	32,944	32,944	32,944	\$3,160	4	1	3	3	3	44,229	---	44,229	\$7,429	6	
Tucson	25	19	33,809	15,533	18,256	5,522	5	20	29	22	7	55,481	34,979	20,502	9,450	8	
ARKANSAS																	
Fort Smith	12	9	32,174	13,674	18,500	---	4	---	10	7	3	36,610	15,754	20,856	3,570	9	
CALIFORNIA																	
Inglewood: High School Dist.	2	2	17,430	---	17,430	2,884	2	---	2	---	2	21,787	---	21,787	3,299	2	
Pasadena	5	5	24,187	---	24,187	19,648	5	---	5	---	5	35,349	---	35,349	18,575	6	
Santa Ana	3	3	24,934	---	24,934	3,988	4	---	2	---	2	30,424	---	30,424	5,174	4	
COLORADO																	
Colorado Springs	4	4	14,497	---	14,497	1,898	2	---	4	---	4	15,602	---	15,602	5,400	4	
CONNECTICUT																	
West Hartford	8	5	9,486	7,010	2,476	1,000	3	---	10	6	4	29,900	16,000	13,900	3,500	3	

High school only. Data for elementary schools not reported.

Table 12.—Number of centralized libraries, books, and librarians; and expenditures for books and periodicals in 424 school systems reporting, by population group, 1941-42 and 1947-48—Continued

## GROUP II.—CITIES OF 30,000 TO 99,999 POPULATION—Continued

CITY	1941-42										1947-48									
	CENTRALIZED LIBRARIES					ALL SCHOOL LIBRARIES					CENTRALIZED LIBRARIES					ALL SCHOOL LIBRARIES				
	Number of libraries			Number of books			Expenditures for books and periodicals	Librarians		Number of libraries			Number of books			Expenditures for books and periodicals	Librarians			
	Total	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools		Full-time	Part-time	Total	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools		Full-time	Part-time		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
ILLINOIS																				
Aurora: West Side.....	6	5	1	20,895	10,870	10,025	\$1,250		6	6	5	1	13,318	7,537	5,781	\$1,471	1	5		
Bloomington.....	6	5	1	12,275	6,275	6,000	1,050	1	5	5	4	1	14,117	9,498	4,619	4,575	1	2		
Cicero High School Dist.....			1	13,843		13,843	2,426	5		1		1	36,992		36,992	4,066	7			
Evanston:																				
Elementary Dist. No. 75.....	8	8		29,006	29,006		1,245	4	1	9	9		26,845	26,845		3,345	6			
Elementary Dist. No. 76.....	5	5		16,792	16,792		964	4		5	5		23,168	23,168		2,244	3			
High School Dist. No. 202.....	1	1		19,566	19,566	19,566	1,216	3		1	1		12,165		12,165	3,330	3			
Joliet: High School Dist.....	1	1		5,378		5,378	1,741	2	1	1	1		8,067		8,067	2,250	3			
Moline.....	3		3	12,964		12,964	2,549	3		3	3		11,911		11,911	2,388	3			
Oak Park:																				
Elementary Dist.....	11	11		36,156	36,156		4,000	4	4	11	11		40,850	40,850		3,705	1	9		
High School Dist.....	1		1	17,409		17,409	2,434	3		1	1		21,750		21,750	3,100	3			
Rock Island.....	8	4	4	19,757	7,841	11,916	3,018	1	5	2	2		14,562		14,562	3,890	6	11		
Waukegan: High School Dist.....	1		1	11,874		11,874	1,014	2		1	1		9,463		9,463	1,399	2			
IOWA																				
Ottumwa.....	5	2	3	14,224	1,870	12,354	2,522	1		4			17,532		17,532	4,360	1			
KENTUCKY																				
Lexington.....	15	11	4	31,717	16,957	14,760	3,342	2	7	16	12	4	43,309	23,095	20,214	3,521	4	12		



Table 12.—Number of centralized libraries, books, and librarians; and expenditures for books and periodicals in 424 school systems reporting, by population group, 1941-42 and 1947-48—Continued

GROUP II.—CITIES OF 30,000 TO 99,999 POPULATION—Continued

CITY	1941-42						1947-48											
	CENTRALIZED LIBRARIES			ALL SCHOOL LIBRARIES			CENTRALIZED LIBRARIES			ALL SCHOOL LIBRARIES								
	Number of libraries			Number of books			Expenditures for books and periodicals			Number of librarians								
	Total	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
OHIO																		
East Cleveland.....	3	1	2	24,034	2,227	21,807	\$1,525	7	3	5	3	2	35,437	10,119	25,318	\$2,583	5	4
Marion.....	4	4	4	9,108	9,108	9,108	1,393	1	3	4	4	4	10,372	10,372	10,372	2,652	1	3
Warren.....	14	10	4	21,628	5,916	15,712	2,964	1	2	4	4	4	15,598	15,598	15,598	1,869	3	1
OREGON																		
Salem.....	7	4	3	17,992	4,361	13,631	2,645	4	4	18	15	3	34,692	17,449	17,243	5,919	3	1
PENNSYLVANIA																		
Allentown.....	12	8	4	23,080	9,000	14,080	1,889	7	7	11	3	8	35,907	4,438	31,469	5,630	9	9
Lancaster.....	9	6	3	20,292	1,100	19,192	2,100	3	2	10	7	3	23,118	3,000	20,118	2,363	5	6
McKeesport.....	2	2	2	11,573	11,573	11,573	2,285	2	2	2	2	2	10,963	10,963	10,963	1,985	2	2
New Castle.....	9	5	4	23,209	5,502	17,707	2,395	4	4	4	1	3	27,593	9,262	18,331	3,189	4	4
RHODE ISLAND																		
Newport.....	1	1	1	8,685	8,685	8,685	129	1	1	1	1	1	9,500	9,500	9,500	807	1	1
SOUTH CAROLINA																		
Columbia.....	22	14	8	106,859	76,469	30,390	4,350	15	7	13	5	8	80,281	43,298	36,983	5,008	13	13





Table 12.—Number of centralized libraries, books, and librarians; and expenditures for books and periodicals in 424 school systems reporting, by population group, 1941-42 and 1947-48—Continued

GROUP III.—CITIES OF 10,000 TO 29,999 POPULATION—Continued

CITY	1941-42						1947-48											
	CENTRALIZED LIBRARIES			ALL SCHOOL LIBRARIES			CENTRALIZED LIBRARIES			ALL SCHOOL LIBRARIES								
	Number of libraries		Number of books		Expenditures for books and periodicals		Librarians		Number of libraries		Number of books		Expenditures for books and periodicals		Librarians			
Total	Elementary schools	Total	Elementary schools	Total	Elementary schools	Total	Elementary schools	Part-time	Total	Elementary schools	Total	Elementary schools	Total	Elementary schools	Part-time			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
ILLINOIS																		
Belleville	1		1	10,291		10,291	\$1,300	2		1		1	5,710		5,710	\$2,475	1	
Blue Island: Elementary School Dist.	1	1		1,600	1,600		700		2	2			2,508	2,508		356		
Calumet: Elementary School Dist.	1	1		280	280		100		1	1	1		806	806		195		
Canton	2	1	1	4,922	600	4,322	600	1	1	2	1		9,078	750	8,328	1,086	1	1
East Moline: High School Dist.	1			3,878		3,878	545			1		1	3,707		3,707	826		
Harvey: High School Dist.	1	1	1	10,257		10,257	1,115	2		1		1	11,877		11,877	1,517	2	
Highland Park: High School Dist.	1		1	10,082		10,082	1,900	1		1		1	10,323		10,323	1,093	1	
Kankakee	4	3	1	6,477	254	4,223	1,900	1	1	2	1	1	5,118	348	4,770	1,260	1	
Kewanee	2	1	1	4,705	100	4,605	1,200	1		1		1	7,216		7,216	1,255	1	
La Grange: Elementary School Dist.	4	4		10,494	10,494		667	4	2	4	4		16,986	16,986		1,720	4	
Lincoln: High School Dist.	1		1	4,087		4,087	410			1		1	3,186		3,186	499	1	
Matoon	1	1	1	4,738		4,738	390	1	1	1	1		6,669		6,669	721	1	
Park Ridge	3	3		2,246	2,246		620			1	1		3,912	3,912		940	1	
West Frankfort: Elementary School Dist.	5	5		5,000	5,000		326		5	5	5		6,556	6,556		1,055	1	1
Wilmette	3	3		6,500	6,500		800	2	1	5	5		8,418	8,418		1,817	2	
INDIANA																		
Bedford	1		1	5,180		5,180	378			2		2	5,260		5,260	735	1	
Frankfort	1	1	1	3,246		3,246	861	1		1		1	4,257		4,257	1,150	1	
La Porte	2	2	2	6,948		6,948	978	1	1	2	2	2	9,110		9,110	2,051	3	
Michigan City	2	2	2	11,456		11,456	2,372	2		2	2	2	12,834		12,834	3,103	2	

PUBLIC-SCHOOL LIBRARIES

IOWA

Fort Madison	2	3,970	3,970	1,650	1	1	5,288	5,288	2,100	1	8
Keokuk	7	11,379	4,213	7,166	2,550	7	15,621	8,670	5,250	8	8

KANSAS

Independence	1	3,783	3,783	639	1	1	5,620	5,620	632	1	1
Ottawa	1	2,349	2,349	752	1	2	4,003	4,003	1,459	1	1

MASSACHUSETTS

Attleboro	1	3,035	3,035	105	1	1	2,840	2,840	295	1	1
Clinton	1	1,800	1,800	300	300	1	1,883	1,883	60	1	1
Marblehead	1	3,200	3,200	330	330	1	4,194	4,194	400	1	1
Milton	2	2,670	2,670	902	902	2	2,900	2,900	692	1	1
Newburyport	1	2,250	2,250	325	325	2	2,941	2,941	117	1	1
North Adams	1	2,160	2,160	230	230	1	3,210	3,210	435	1	7
Peabody	1	2,700	2,700	295	295	1	2,930	2,930	3,300	1	2
Plymouth	2	3,350	800	700	700	4	3,114	3,114	600	1	1
Reading	4	2,566	2,566	261	261	1	2,704	2,704	599	1	1
Stonham	1	4,275	4,275	632	632	1	5,195	5,195	313	1	1
Weymouth	1	8,045	6,545	531	531	2	1,206	1,206	500	1	1
Winthrop	4	4,300	4,300	67	67	1	4,542	4,542	381	1	1
Woburn	1	4,300	4,300	67	67	1	4,542	4,542	381	1	1

MICHIGAN

Ironwood	5	16,183	2,083	14,100	2,100	4	21,653	5,962	15,691	921	2
Mount Clemens	1	5,000	5,000	383	383	2	4,951	4,951	1,233	2	2
Niles	2	4,246	4,246	1,608	1,608	2	7,039	7,039	1,344	1	1
River Rouge	3	14,257	3,183	11,074	1,608	3	17,759	5,115	12,644	2,931	3

MINNESOTA

Albert Lea	6	15,863	7,816	8,047	2,020	3	20,507	9,758	10,749	2,420	3
Brainerd	8	12,847	6,016	6,831	1,865	1	14,672	6,976	7,696	1,373	1
Faribault	2	4,295	4,295	1,271	1,271	4	7,082	2,078	3,004	721	1
Hibbing	2	17,602	17,602	1,942	1,942	4	18,006	18,006	2,424	3	3
Mankato	5	11,553	9,355	2,198	2,888	3	6,943	6,943	8,876	2,679	5
Rochester	2	7,102	7,102	3,469	3,469	2	23,365	11,702	11,663	5,487	5
St. Cloud	2	10,147	10,147	2,225	2,225	2	15,268	5,320	8,948	1,872	2
South St. Paul	5	15,316	7,471	845	845	1	20,102	20,102	1,822	1	1
Virginia	2	9,050	9,050	1,300	1,300	1	9,348	9,348	544	1	2
Wadena	6	17,284	10,353	6,931	2,645	3	22,900	14,737	8,253	1,732	2

MISSOURI

Maplewood	7	13,000	5,500	7,500	3,065	1	14,353	3,600	10,756	2,504	1
Webster Grove	7	27,807	12,246	15,561	3,645	1	35,922	19,048	16,874	2,307	3

MONTANA

Billings	9	10,000	5,760	4,240	2,541	2	16,805	7,564	9,241	6,457	2
Helena	2	7,997	2,800	5,197	900	1	9,935	3,380	6,555	2,450	1







Table 12.—Number of centralized libraries, books, and librarians; and expenditures for books and periodicals in 424 school systems reporting, by population group, 1941-42 and 1947-48—Continued

GROUP III.—CITIES OF 10,000 TO 29,999 POPULATION—Continued

CITY	1941-42										1947-48									
	CENTRALIZED LIBRARIES					ALL SCHOOL LIBRARIES					CENTRALIZED LIBRARIES					ALL SCHOOL LIBRARIES				
	Number of libraries		Number of books			Expenditures for books and periodicals	Librarians		Number of libraries			Number of books			Expenditures for books and periodicals	Librarians				
	Total	Elementary schools	Secondary schools	Total	Elementary schools		Secondary schools	Full-time	Part-time	Total	Elementary schools	Secondary schools	Total	Elementary schools		Secondary schools	Full-time	Part-time		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
OKLAHOMA																				
McAlester.....	2		2	6,368		6,368	\$595	1		2	1	1	9,325	1,925	7,400	\$250	1	1		
Okmulgee.....	6	4	2	21,000	10,000	11,000	1,500	1		1			15,621	15,621	13,621	2,000	1			
Stillwater.....	2		2	2,621		2,621	311		2	5	3	2	4,900	1,022	3,878	1,175	1			
Astoria.....	4	3	1	8,459	6,797	1,662	931	1	3	4	3	1	5,400	2,100	3,300	1,134	1	1		
Medford.....	6	4	2	16,596	7,809	8,787	2,721	3	4	6	4	2	20,852	8,626	12,226	3,000	2	4		
PENNSYLVANIA																				
Aliquippa.....	2		2	4,852		4,852	634	1	1	1			4,209		4,209	586		1		
Bradford.....	8	6		9,908	2,699	7,209	2,110	2		2		1	8,134		8,134	2,077	2			
Bristol.....	1		1	3,970		3,970	400			1		1	4,278		4,278	590	1			
Carlisle.....	1		1	3,922		3,922	1,363			6	5		5,993	2,520	3,473	1,095	1			
Charlottesville.....	2		2	7,320		7,320	200	2		2	2	2	7,479		7,479	900	1	1		
Ellwood City.....	1		1	4,000		4,000	450		1	1		1	4,246		4,246	650	1			
Jeanette.....	1		1	6,800		6,800	1,034	1	1	1	1	1	9,347		9,347	1,093	1	1		
Lebanon.....	1		1	3,488		3,488	1,785	1	1	3	3	2	9,207		9,207	1,000	2	1		
Mount Carmel.....	2		2	5,000		5,000	500	1	1	2		2	4,100		4,100	2,000	1	1		
Mount Lebanon.....	2		2	16,341	8,377	7,964	4,734	3	3	5	3	2	19,871	7,450	12,421	2,442	3	1		
New Kensington.....	7	5	2	7,074		7,074	2,115			3	2	2	4,710		4,710	1,630	2	3		
Oil City.....	6	5	1	5,292	1,703	3,589	800	1		3	2	1	6,329	704	5,625	1,838	2	1		
Shamokin.....	7	6	1	3,400	2,400	1,000	125	1		1	1	1	7,316		7,316	1,000	2	1		
Uniontown.....	5	2	3	11,230	1,000	10,230	963	3	3	3		3	13,787		13,787	2,380	3	1		

PUBLIC-SCHOOL LIBRARIES

Waynesboro	2	6,418	1,050	2	2	7,673	7,673	1	
Wilkesburg	2	10,785	1,459	1	2	8,363	8,363	2	
RHODE ISLAND									
North Providence	5	5,000	800	1	6	5,140	3,180	1	
Warwick	2	842	1,326	3	3	1,302	460	3	
SOUTH CAROLINA									
Sumter City	4	11,466	830	3	1	9,303	2,135	4	
SOUTH DAKOTA									
Huron	1	4,208	406	1	2	4,986	4,986	1	
Mitchell	6	14,751	7,975	1	1	4,231	4,231	1	
Rapid City	1	4,182	1,305	1	7	6,710	5,741	1	
Watertown	2	6,828	637	1	2	4,675	4,675	1	
TENNESSEE									
Cleveland	6	12,025	6,998	1	2	6,769	2,740	2	
TEXAS									
Borger	1	3,912	322	1	1	5,029	5,029	1	
Denton	4	16,000	2,000	3	2	13,191	7,991	2	
Falstine	1	3,470	500	1	4	10,871	7,837	1	
Texarkana	3	7,350	1,636	1	3	12,015	12,015	1	
VIRGINIA									
Fredericksburg	3	8,711	1,775	1	3	15,548	11,148	2	
Martinsville	5	7,260	918	1	4	6,439	4,937	2	
WASHINGTON									
Hoquiam	5	15,950	8,000	1	4	14,030	9,018	2	
Walla Walla	5	9,000	5,000	2	3	15,803	6,000	1	
Yakima	11	30,740	3,724	1	10	57,396	31,921	3	
WISCONSIN									
Beaver Dam	1	6,295	1,080	1	1	6,236	6,236	1	
Beloit	14	31,171	5,383	1	11	39,392	18,247	3	
Chippewa Falls	2	4,999	4,999	2	2	6,684	6,684	1	
Guday	4	16,786	1,205	1	3	23,831	7,240	4	
Stevens Point	2	13,959	4,200	2	4	16,482	8,160	8	
Wauchesa	8	29,253	9,140	2	6	19,737	10,183	2	
Wauwatosa	8	37,097	25,316	7	9	33,408	17,448	7	
Wisconsin Rapids	1	10,200	950	1	1	11,477	11,477	1	

Table 12.—Number of centralized libraries, books, and librarians; and expenditures for books and periodicals in 424 school systems reporting, by population group, 1941-42 and 1947-48—Continued

GROUP IV.—CITIES OF 2,500 TO 9,999 POPULATION

CITY	1941-42										1947-48									
	CENTRALIZED LIBRARIES					ALL SCHOOL LIBRARIES					CENTRALIZED LIBRARIES					ALL SCHOOL LIBRARIES				
	Number of libraries		Number of books			Expenditures for books and periodicals		Librarians		Number of libraries		Number of books			Expenditures for books and periodicals		Librarians			
	Total	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools	Total	Elementary schools	Part-time	Full-time	Total	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools	Total	Elementary schools	Part-time	Full-time
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
ARIZONA																				
Bisbee.....	6	5	1	12,834	7,366	5,468	\$700	1	---	4	3	1	10,748	4,303	6,445	\$744	1	---	---	
Flagstaff.....	3	2	1	4,184	1,316	2,868	882	---	3	7	0	1	5,065	1,697	3,368	1,298	1	---	---	
Prescott.....	4	2	2	6,492	1,361	5,131	807	---	1	5	3	2	8,986	3,676	5,310	1,451	2	---	---	
ARKANSAS																				
Fordyce.....	3	1	2	3,400	800	2,600	330	---	3	3	1	2	3,250	575	2,675	663	---	---	---	
Forrest City.....	7	6	1	5,000	2,000	3,000	850	1	---	1	---	1	2,925	---	2,925	120	---	---	1	
CALIFORNIA																				
Carmel.....	2	1	1	1,800	1,200	600	750	---	2	2	1	1	3,117	1,552	1,565	1,420	1	---	---	
Chino.....	1	---	---	5,000	---	5,000	3,975	1	---	1	---	---	5,015	---	5,015	434	---	---	---	
Daly City.....	1	---	---	3,500	---	3,500	850	1	---	1	---	---	5,416	---	5,416	1,500	---	---	---	
Piedmont.....	4	3	1	18,159	8,305	9,854	1,925	2	1	2	1	1	25,106	13,387	11,719	2,212	2	---	---	
Sierra Madre: Elementary School Dist.....	1	1	---	2,500	2,500	---	732	---	1	1	1	---	2,000	2,000	---	1,550	---	---	1	
Taft.....	1	---	---	8,179	---	8,179	1,674	1	1	1	1	---	8,951	---	8,951	5,250	---	---	---	
Watsonville.....	4	3	1	14,803	7,920	6,883	2,849	1	1	5	4	1	16,648	8,148	8,500	2,118	2	---	---	
COLORADO																				
Alamosa.....	4	2	2	8,700	3,100	5,600	1,731	---	1	4	2	2	9,315	2,786	6,529	1,600	1	---	3	
Leadville.....	1	---	---	5,500	---	5,500	525	---	---	1	---	1	4,607	---	4,607	815	1	---	---	
GEORGIA																				
Tifton.....	1	---	---	2,814	---	2,814	374	1	---	1	---	1	2,504	---	2,504	553	---	---	---	



Table 12.—Number of centralized libraries, books, and librarians; and expenditures for books and periodicals in 424 school systems reporting, by population group, 1941-42 and 1947-48—Continued

City	1941-42										1947-48										
	CENTRALIZED LIBRARIES					ALL SCHOOL LIBRARIES					CENTRALIZED LIBRARIES					ALL SCHOOL LIBRARIES					
	Number of libraries			Number of books			Expenditures for books and periodicals		Librarians		Number of libraries			Number of books			Expenditures for books and periodicals		Librarians		
	Total	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools	8	9	10	Total	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools	17	18	19	Total	Elementary schools	Secondary schools
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
MINNESOTA																					
Alexandria	3	2	1	6,185	3,182	3,003	\$981	1	1	3	2	1	8,021	4,049	3,972	\$1,130	1				
Brackengen	1	1	1	2,863	805	2,863	805	1	1	1	1	1	5,104	5,164	5,164	845					
Cloquet	3	2	1	4,528	2,945	1,082	1,082	1	1	3	2	2	8,579	4,887	3,692	1,217	1				
East Grand Forks	1	1	1	5,520	5,520	5,520	680	1	1	1	1	1	5,948	1,452	4,496	914					
Little Falls	5	4	1	7,615	4,458	3,157	1,157	1	4	4	3	1	8,986	3,882	5,104	1,555					
Stillwater	4	2	2	4,022	988	3,064	892	1	2	4	2	2	5,643	2,036	3,607	1,474					
MISSISSIPPI																					
Kosciusko	2		2	2,132		2,132	285	1		1		1	1,959		1,959	325	1				
Eidon	2	1	1	8,262	3,171	5,091	986		2	2	1	1	4,050	1,345	2,705	1,170					2
MONTANA																					
Cut Bank	1		1	1,560		1,560	450	1		1		1	2,300		2,300	750					1
Hayre	1		1	3,070		3,070	750	1		4	3	1	9,048	3,850	5,198	1,408	1				1
NEBRASKA																					
Gering	1		1	3,965		3,965	465	1	3	1		1	5,305		5,305	330					1
NEVADA																					
Las Vegas	2	1	1	4,500	1,309	3,200	745	1	4	3	2	1	6,700	1,400	5,300	1,500	1				4



NEW JERSEY																	
Broonton	3	2	1	7,168	2,151	5,017	837	1	3	1	1	8,858	2,394	6,464	1,077	1	1
Caldwell	4	3	1	6,271	2,828	3,443	1,089	2	3	1	1	5,666	1,906	3,760	1,150	1	1
Metuchen	1	1	1	3,819	3,819	3,819	325	1	1	1	1	4,969	4,969	353	1	1	1
Newtown	1	1	1	2,555	3,660	3,555	360	1	1	1	1	2,331	2,331	353	1	1	1
Ramsey	2	1	1	4,567	978	3,589	803	1	2	1	1	5,760	1,200	4,560	796	1	1
Rockaway	1	1	1	3,000	3,000	3,000	260	1	1	1	1	2,897	2,897	225	1	1	1
Roselle Park	2	2	1	7,772	7,772	7,772	700	2	2	1	1	7,822	3,548	4,274	200	1	1
Woodbury	2	1	1	5,581	1,279	4,302	650	1	2	1	1	6,093	1,608	4,485	653	1	1
NEW MEXICO																	
Lordsburg	1	1	1	2,250	2,250	2,250	460	1	1	1	1	2,700	2,700	2,700	1,000	1	1
NEW YORK																	
Amityville	3	1	2	5,772	1,774	3,998	791	1	3	2	1	6,864	3,088	3,776	888	1	1
Babylon	1	1	1	4,450	4,450	4,450	73	1	1	1	1	3,888	3,888	839	1	1	1
Bronxville	2	1	1	17,098	10,150	6,878	1,005	2	1	1	1	13,353	3,029	13,353	2,929	3	1
Corinth	1	1	1	4,711	4,711	4,711	600	1	1	1	1	3,105	3,105	711	1	1	1
Fairport	3	2	1	3,020	595	2,425	628	3	2	1	1	3,105	3,263	3,382	1,060	1	1
Gouverneur	3	2	1	3,247	3,247	3,247	601	1	3	1	1	3,522	3,522	3,522	828	1	1
Great Neck	4	3	1	17,427	11,918	5,509	2,219	4	2	1	1	23,195	9,313	4,320	5	1	1
Hastings on Hudson	1	1	1	4,025	4,025	4,025	558	1	1	1	1	6,144	2,067	4,077	872	1	1
Hosick Falls	2	1	1	2,792	2,792	2,792	362	1	2	1	1	2,934	2,934	421	1	1	1
Hudson Falls	1	1	1	3,159	645	2,514	821	1	3	2	1	6,761	3,543	3,218	859	1	1
Lawrence	6	5	1	19,934	14,093	5,841	1,886	2	1	1	1	8,116	8,116	3,776	2	1	1
Pleasantville	2	1	1	6,043	1,117	4,926	1,124	2	1	1	1	6,768	5,558	5,210	1,147	1	1
Scotia	5	3	2	10,813	4,292	6,521	960	3	5	3	2	12,524	5,282	7,242	2,263	3	1
Warwick	3	2	1	5,586	2,569	3,017	837	2	3	2	1	5,241	2,566	2,675	737	1	1
NORTH CAROLINA																	
Lumberton	2	1	1	1,932	1,932	1,932	775	2	4	2	2	9,359	3,821	5,538	1,092	1	1
NORTH DAKOTA																	
Devils Lake	3	1	2	8,742	4,750	3,992	850	5	3	1	2	7,825	5,140	2,685	1,347	2	2
Jamestown	5	4	1	2,605	1,865	740	1,550	2	3	2	1	3,655	1,949	1,706	1,680	2	1
Mandan	1	1	1	4,786	4,786	4,786	723	1	3	2	1	3,215	1,486	3,729	803	1	1
Valley City	3	1	2	5,070	1,040	4,030	501	3	3	2	1	4,900	1,700	3,200	900	1	3
OHIO																	
Crooksville	3	2	1	2,209	1,000	1,200	250	1	2	1	1	3,160	363	2,797	648	1	1
Defiance	1	1	1	3,355	3,355	3,355	480	1	3	2	1	4,564	1,429	3,139	850	1	1
Fairview (F. O. Cleveland)	2	1	1	4,000	1,000	3,000	587	1	3	2	1	4,175	950	3,225	310	1	1
Lebanon	1	1	1	1,200	1,200	1,200	690	1	1	1	1	1,500	1,500	1,000	700	1	1
Logan	2	2	1	1,200	1,200	1,200	575	2	3	1	2	5,824	1,343	4,481	555	1	1
Brecksville	1	1	1	2,500	2,500	2,500	75	1	1	1	1	1,575	1,575	1,575	150	1	1
OKLAHOMA																	
Altus	3	3	3	2,495	2,495	2,495	650	1	2	2	2	7,712	7,712	7,712	2,263	1	1

Table 12.—Number of centralized libraries, books, and librarians; and expenditures for books and periodicals in 424 school systems reporting, by population group, 1941-42 and 1947-48—Continued

GROUP IV.—CITIES OF 2,500 TO 9,999 POPULATION—Continued

CITY	1941-42						1947-48											
	CENTRALIZED LIBRARIES			ALL SCHOOL LIBRARIES			CENTRALIZED LIBRARIES			ALL SCHOOL LIBRARIES								
	Number of libraries		Number of books	Expenditures for books and periodicals		Librarians	Number of libraries		Number of books	Expenditures for books and periodicals		Librarians						
	Total	Elementary schools		Secondary schools	Full-time		Part-time	Total		Elementary schools	Secondary schools		Full-time	Part-time				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	2	1	1	3,371	1,200	2,171	\$500	1	1	3	2	1	6,172	3,022	2,550	\$567	1	2
	5	3	2	9,237	3,000	6,237	1,100	2	2	2	2	2	7,187	7,187	7,187	1,160	2	2
OREGON																		
Dallas	2	1	1	3,184	1,320	1,864	690	2	2	2	1	1	4,252	1,793	2,459	411	1	1
East Stroudsburg	1	2	2	5,650	2,759	5,650	700	1	1	2	2	2	6,169	3,705	6,169	701	1	1
Emmaus	1	1	1	2,759	3,000	2,759	350	1	1	1	1	1	3,026	3,026	3,026	1,070	1	1
Freeport	1	1	1	2,300	3,704	2,300	365	1	1	1	1	1	3,026	3,026	3,026	300	1	1
Harboro	1	1	1	3,704	5,000	3,704	440	1	1	1	1	1	5,144	5,144	5,144	887	1	1
Honesdale	1	1	1	5,000	3,555	5,000	546	1	1	1	1	1	4,345	4,345	4,345	775	1	1
Jenkintown	1	1	1	3,555	4,000	3,555	680	1	1	1	1	1	3,991	3,991	3,991	575	1	1
Laureldale	1	1	1	4,000	700	4,000	720	1	1	2	1	1	5,596	5,596	5,596	546	1	1
McDonald	1	1	1	2,200	2,200	2,200	100	1	1	2	1	1	1,146	310	1,146	365	1	2
Manheim	1	1	1	2,200	400	2,200	400	1	1	2	1	1	3,416	610	2,806	324	1	1
Middletown	1	1	1	3,214	1,000	3,214	360	1	1	2	1	1	5,861	1,087	4,774	670	1	1
Mount Pleasant	1	1	1	3,300	3,500	3,300	580	1	1	2	1	2	4,502	4,502	4,502	383	1	1
Oxford	1	1	1	2,082	4,000	2,862	500	1	1	2	1	1	6,070	1,200	4,870	800	1	1
Palmerton	1	1	1	4,000	1,370	6,226	950	1	1	2	1	1	9,337	1,135	8,202	1,107	1	1
Somerset	3	2	1	7,596	1,300	2,300	225	1	1	2	2	2	2,550	1,100	1,450	250	2	2
Southwest Greensburg (P. O.)	2	1	1	5,634	4,081	4,081	765	1	1	3	2	2	8,243	2,717	5,526	1,052	1	1
Greensburg	3	2	2	1,835	325	1,510	210	1	1	3	1	2	1,883	413	1,470	600	1	1
Stroudsburg	4	2	2	7,948	3,098	4,850	550	1	1	4	3	1	11,782	6,032	5,750	1,453	1	3
Swoyerville	3	2	1	7,948	3,098	4,850	550	1	1	4	3	1	11,782	6,032	5,750	1,453	1	3
Tyrone	4	3	1	7,948	3,098	4,850	550	1	1	4	3	1	11,782	6,032	5,750	1,453	1	3

PENNSYLVANIA



Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48

## GROUP I.—CITIES OF 100,000 POPULATION OR MORE

CITY	Enrollment			Schools			Number of schools with centralized libraries			BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals*		
	Total	Elementary school	High school	Elementary	High	Total	Number of volumes at end of year			Added in 1947-48			Fewer than 1,000 volumes	1,000-2,999 volumes	3,000-4,999 volumes	5,000 volumes or more	Full-time	Half-time or less				
							Total	Elementary schools	High school	Total	Elementary schools	High school							Total		Elementary schools	High school
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
Akron, Ohio.....	38,524	28,071	10,453	47	10	29	10	88,531	38,249	50,282	4,385	2,138	2,247	10	20	4	5	8	6		\$14,340	
Albany, N. Y.....	12,115	8,219	3,896	25	5	15	5	42,531	10,154	32,377	2,364	1,325	1,039	12	3	2	3	3	3		4,500	
Atlanta, Ga.....	56,787	35,876	20,911	54	11	13	11	118,699	26,066	92,633	8,447	5,100	7,937	7	6	2	9	20	2		1,274	
Baltimore, Md.....	114,592	80,695	33,897	146	20	56	17	64,833	5,087	59,746	6,161	184	5,977	2	4	7	4	16	3		10,983	
Birmingham, Ala.....	44,806	33,188	11,618	60	8	45	8	121,820	76,420	45,400	3,694	3,694	5,601	11	35	3	4	24	37		16,300	
Boston, Mass.....	94,809	53,302	41,507	191	45	---	20	93,296	3,591	93,296	3,591	3,591	2	7	6	5	5	16	---		4,600	
Buffalo, N. Y.....	66,384	48,784	17,600	75	16	26	16	91,024	16,693	74,331	3,687	2,080	1,577	20	12	4	6	6	---		4,050	
Carmden, N. J.....	15,135	10,028	5,107	29	6	11	6	35,490	4,400	31,000	2,504	579	2,015	10	1	3	3	6	11		8,334	
Canton, Ohio.....	16,908	11,717	5,191	26	4	26	4	47,055	23,786	23,269	3,178	3,000	596	26	2	2	2	4	---		5,360	
Charlotte, N. C.....	18,644	---	---	22	7	20	7	57,523	32,345	33,178	3,000	596	2,404	15	10	5	2	11	---		10,073	
Chattanooga, Tenn.....	21,181	12,593	8,588	32	13	8	13	45,799	2,400	43,399	2,638	2,638	2,638	---	13	5	3	11	2		4,600	
Chicago, Ill.....	366,494	294,110	102,384	342	44	316	44	1,158,505	755,038	403,467	2,638	2,638	2,638	19	231	71	39	224	43		178,433	
Cincinnati, Ohio.....	55,646	41,018	14,628	62	9	30	9	100,686	33,678	67,008	24,693	2,258	22,435	14	19	4	33	47	1		5,318	
Cleveland, Ohio.....	100,297	62,896	37,401	116	34	4	34	290,922	31,656	259,266	24,693	2,258	22,435	---	1	4	33	47	1		47,522	
Columbus, Ohio.....	38,641	23,823	14,818	57	14	---	14	98,294	31,539	98,294	3,539	3,539	3,539	---	6	6	8	15	---		15,240	
Denver, Colo.....	48,376	28,235	20,141	62	18	23	18	159,489	45,170	114,319	12,249	2,281	9,968	2	23	5	11	40	5		33,429	
Des Moines, Iowa.....	427,167	17,143	10,024	45	10	---	5	26,640	26,640	26,640	917	917	---	---	1	2	5	5	---		18,346	
Detroit, Mich.....	213,908	153,038	60,870	195	38	119	38	405,746	230,985	174,761	27,898	18,005	9,893	2	122	16	17	155	---		51,000	
Duluth, Minn.....	15,315	9,707	5,608	33	8	20	6	61,770	27,113	34,657	3,844	1,489	2,355	10	10	3	3	6	5		6,566	
Elizabeth, N. J.....	11,407	5,569	5,838	18	9	---	8	37,681	37,681	37,681	1,663	1,663	1,663	---	1	5	2	8	---		2,904	
Erie, Pa.....	15,844	8,981	6,863	19	7	---	7	29,859	29,859	29,859	3,359	3,359	3,359	---	2	4	1	8	---		5,983	
Flint, Mich.....	24,007	14,882	9,725	23	9	4	9	72,299	14,250	58,049	3,497	1,092	2,406	---	---	---	12	10	5		5,402	
Fort Wayne, Ind.....	16,000	11,000	5,000	23	3	15	3	21,000	15,000	6,000	3,400	3,400	4,000	10	5	3	---	3	15		20,029	
Fort Worth, Tex.....	36,164	22,871	13,293	17	24	---	17	176,355	91,965	84,390	8,461	4,111	4,350	---	12	16	13	18	---		20,029	
Gary, Ind.....	20,364	5,013	15,351	13	14	1	14	61,793	2,677	59,116	4,539	4,282	4,282	---	4	8	---	13	2		10,570	

PUBLIC-SCHOOL LIBRARIES

Grand Rapids, Mich.....	19,743	8,390	33	6	20	6	75,505	21,714	53,791	7,002	3,264	3,738	7,049
Hartford, Conn.....	20,072	7,106	26	3	21	3	66,147	37,099	132,684	3,665	1,121	3,665	13
Houston, Tex.....	84,928	18,048	96	28	26	26	132,684	37,099	132,684	8,606	8,606	8,606	17,041
Indianapolis, Ind.....	57,474	15,408	82	7	17	7	74,706	74,706	74,706	4,292	4,292	4,292	71
Jersey City, N. J.....	27,878	8,230	52	6	17	6	836,111	(6)	736,111	---	---	---	2
Kansas City, Kans.....	21,817	7,658	40	7	9	6	64,277	23,618	40,659	5,000	---	---	3
Knoxville, Tenn.....	19,567	7,309	33	9	27	12	436,658	77,077	436,658	---	---	---	9
Long Beach, Calif.....	22,768	16,488	28	13	27	12	183,489	106,412	106,412	14	15	10	36
Los Angeles, Calif.....	292,782	108,729	311	76	76	76	760,000	760,000	36,688	36,688	36,688	36,688	7
Louisville, Ky.....	44,092	17,158	58	15	15	15	116,107	116,107	6,129	6,129	6,129	6,129	92
Memphis, Tenn.....	45,692	35,093	44	13	13	13	55,504	732,000	55,504	4,197	4,197	4,197	13
Milwaukee, Wis.....	69,237	25,061	76	21	17	17	212,000	180,000	180,000	3	7	3	18
Minneapolis, Minn.....	53,161	29,200	32	22	49	22	267,631	34,000	233,631	25	25	22	33,000
Nashville, Tenn.....	23,763	15,956	74	12	31	12	114,110	64,721	49,389	11,568	6,043	5,525	16
Newark, N. J.....	48,806	34,904	58	12	49	12	139,574	83,410	56,164	4,306	1,444	2,862	39
New Bedford, Mass.....	11,294	8,237	30	3	14	3	14,652	64,402	96,474	686	686	686	871
New Orleans, La.....	58,090	47,300	82	14	61	14	211,408	153,868	57,540	18,477	14,738	3,739	13
New York, N. Y.....	812,332	500,911	530	163	381	163	1,459,222	475,522	983,700	307	122	43	72
Norfolk, Va.....	24,500	15,751	34	6	30	6	99,102	52,117	46,985	11,165	7,777	3,388	37
Oakland, Calif.....	48,440	27,216	57	18	57	18	544,628	384,849	159,679	30,989	21,038	9,951	58
Oklahoma City, Okla.....	41,318	25,699	59	14	19	14	160,876	64,402	96,474	5,684	4,103	1,581	22
Omaha, Neb.....	33,144	22,897	55	5	54	5	132,782	55,000	77,782	9,796	7,500	2,296	52
Patterson, N. J.....	18,897	5,106	22	4	9	2	29,884	15,228	15,809	1,508	899	699	3
Peoria, Ill.....	15,563	10,792	23	4	17	4	68,079	43,524	24,555	12,947	8,989	3,968	13
Philadelphia, Pa.....	208,229	127,542	178	43	130	43	487,894	167,546	320,348	48,119	32,811	15,308	48,088
Pittsburgh, Pa.....	69,690	42,226	96	27	79	23	307,069	146,121	160,948	20,621	10,195	10,420	55
Portland, Ore.....	61,099	44,782	93	12	50	12	111,059	50,409	60,650	4,702	2,327	2,375	1
Providence, R. I.....	25,273	11,814	55	12	38	12	46,934	46,934	46,934	2,279	2,279	2,279	2
Reading, Pa.....	14,570	6,198	26	5	4	5	3,715	3,715	3,715	106	1,900	1,900	5
Richmond, Va.....	31,687	22,285	42	8	23	8	117,840	66,381	51,459	4,204	---	---	1
Rochester, N. Y.....	31,601	18,300	39	11	---	11	84,655	---	84,655	4,738	---	---	10
Sacramento, Calif.....	22,727	9,498	18	8	19	6	178,086	84,601	98,485	---	---	---	17
St. Louis, Mo.....	86,580	66,987	112	12	38	12	123,709	51,790	71,919	32	2	10	9
St. Paul, Minn.....	31,296	19,094	64	15	41	10	71,874	(6)	6,038	---	---	---	1
Salt Lake City, Utah.....	30,539	20,360	28	10	28	10	100,791	65,209	35,582	5,475	3,565	1,910	7
San Antonio, Tex.....	42,843	27,789	47	16	---	16	115,118	---	115,118	5,441	---	---	8
San Diego, Calif.....	41,597	15,462	51	14	---	14	112,803	112,803	12,122	---	---	---	17
San Francisco, Calif.....	68,796	43,260	81	21	---	21	138,178	138,178	10,699	---	---	---	28
Saratoga, Pa.....	14,266	5,461	4	5	---	5	23,172	23,172	23,172	---	---	---	1
Seattle, Wash.....	52,292	32,693	67	15	60	15	221,386	119,878	101,508	20,919	12,090	8,829	3,200

1 Includes combined elementary high school libraries.  
 2 Includes expenditures for centralized and all other types of school libraries.  
 3 Data for high school only.  
 4 Plus 933 special students.  
 5 Data for 1941-42.  
 6 Data not available.  
 7 Data for 1941-42.



Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

GROUP I.—CITIES OF 100,000 POPULATION OR MORE—Continued

CITY	Enrollment			Schools		Number of schools with centralized libraries			BOOK STOCK IN CENTRALIZED LIBRARIES						NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals?
	Total	Elementary school	High school	Elementary	High	Number of volumes at end of year			Added in 1947-48			Fewer than 1,000 volumes	1,000-2,999 volumes	3,000-4,999 volumes	5,000 volumes or more	Full-time	Half-time or less				
						Total	Elementary schools	High schools	Total	Elementary schools	High schools							Total	Elementary schools	High schools	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	
Somerville, Mass.	13,278	7,907	5,371	23	4	4	4	6,430	6,430	6,430	218	218	218	2	1	1	---	4	---	---	9,812
South Bend, Ind.	13,992	9,774	4,218	17	4	9	4	51,265	28,988	22,277	2,382	1,250	1,132	---	5	5	3	10	9	---	\$6,468
Spokane, Wash.	22,289	16,445	5,844	39	5	27	5	96,340	51,285	45,055	7,450	5,450	2,000	---	---	---	---	7	3	---	7,361
Syracuse, N. Y.	25,559	13,752	11,807	38	26	15	8	49,706	49,706	49,706	40,438	11,566	4,542	---	---	---	---	10	8	---	---
Tacoma, Wash.	19,682	12,170	7,512	30	8	27	8	85,354	44,916	40,438	11,566	7,024	4,542	---	---	---	---	7	2	---	14,901
Toledo, Ohio	33,222	22,492	10,750	46	9	9	9	71,654	71,654	71,654	6,786	6,786	6,786	---	---	---	---	9	---	---	9,812
Trenton, N. J.	13,742	9,061	4,681	20	3	18	2	35,931	25,761	10,170	2,340	1,908	432	---	---	---	---	1	5	---	3,585
Tulsa, Okla.	30,687	17,697	12,990	32	12	30	12	155,984	6,574	6,574	4	19	9	10	35	8	10	35	8	---	11,866
Utica, N. Y.	12,624	9,158	3,466	18	2	3	2	23,233	6,566	16,667	1,433	600	833	---	---	---	---	6	---	---	---
Wichita, Kans.	24,414	14,741	9,673	34	10	---	10	55,609	---	55,609	3,601	3,601	3,601	---	---	---	---	12	1	---	15,293
Wilmington, Del.	13,359	6,076	7,283	14	8	9	8	62,200	33,157	33,322	3,056	880	1,090	---	---	---	---	12	---	---	8,307
Yonkers, N. Y.	16,339	8,964	7,375	24	10	22	10	66,479	33,157	33,322	1,970	880	1,090	---	---	---	---	9	---	---	3,971

GROUP II.—CITIES OF 30,000 TO 99,999 POPULATION

ALABAMA																						
Gadsden	9,015	5,541	3,474	12	6	5	6	17,000	---	---	1,000	---	---	4	4	1	2	---	2	---	---	\$2,300
ARIZONA																						
Phoenix:																						
Elementary Dist.	11,789	11,789	---	20	---	16	---	26,853	26,853	44,229	12,379	12,379	1,784	---	---	---	---	8	2	---	16,000	
High School Dist.	8,583	8,583	---	4	---	3	---	44,229	44,229	44,229	1,784	1,784	1,784	---	---	---	---	6	---	---	7,429	
Tucson	18,000	10,000	8,000	22	7	22	1	55,481	34,979	20,502	9,711	7,564	2,147	---	17	11	1	---	8	---	9,450	

PUBLIC-SCHOOL LIBRARIES

ARKANSAS

Fort Smith.....	7,661	4,651	3,010	17	3	3	36,610	15,754	20,856	2,033	699	1,334	6	2	2	9	1	3,570
Little Rock.....	13,730	8,102	5,628	22	6	5	37,373		37,373	1,897		1,897	1	3	5	5		5,822

CALIFORNIA

Alhambra.....	9,265	4,775	4,490	10	2	2	19,209		19,209	1,495		1,495	2	2	2	2		3,298
Burbank.....	12,100	8,000	4,100	13	5	5	44,400	21,200	23,200	7,000	1,500	5,500	4	2	3	3		16,679
Inglewood.....		4,422	4,736	9	2	8	10,668	10,668	21,787	675		943	3	1	2			3,645
Elementary Dist.	4,736		4,736						17,285			2,563						3,299
High School Dist.	11,374	7,187	4,187	15	5	5	21,235		17,285			2,563	1	2	4	1		6,320
Pasadena.....	29,205	12,475	16,730	21	9	7	88,276		88,276	7,085	97,085	97,085	1	7	13			10 31,420
San Bernardino	15,316	9,206	6,110	22	10	11	47,199	18,274	28,925				15	2	6			29,104
San Jose.....	18,647	7,201	11,446	15	8	7	43,955		43,955	2,401		2,401	2	4	4	20		19,321
Santa Ana.....	6,515	3,857	2,678	13	3	2	30,424		30,424	2,067		2,067	2	2	7	4		5,174
Santa Ana.....	5,988	3,154	2,834	9	3	2	17,321		17,321	1,013		1,013		2	3			5,100
Santa Barbara.....	8,171	4,959	3,212	8	3	1	64,430	31,665	32,825	2,837	1,778	1,059	1	5	11			11,985
Santa Monica.....																		

COLORADO

Colorado Springs.....	8,190	5,018	3,172	13	4	4	15,602		15,602	1,038		1,038	2	1	4	4		5,400
Pueblo.....	12,255	9,503	2,752	19	2	11	32,914	24,950	7,964				10	1	5	8		4,564

CONNECTICUT

Meriden.....	4,233	2,209	2,024	7	3	3	10,912		10,912	150		150	2	1	5			2,080
Norwalk.....	6,555	4,011	2,544	12	4	1	27,374	16,288	11,086	5,571	2,187	3,884	3	2	1			1,428
Waterbury.....	12,756	9,330	3,426	25	3	3	7,354		7,354	150		150	2	1	3			3,500
West Hartford.....	5,655	3,456	2,199	8	4	1	29,900	16,000	13,900				6	4	3			

ILLINOIS

Aurora.....	4,825	3,625	1,200	9	1	7	35,000	25,000	10,000				1	3	2	1		1,471
East Side.....	2,656	1,922	734	5	1	5	13,318	7,537	5,781	887	341	546		2	1	5		4,575
West Side.....	4,115	3,070	1,045	10	1	4	14,117	9,498	4,610	2,662	2,110	552	3	2	1			4,066
Bloomington.....	5,253	5,253	5,253	1	1	1	36,962		36,962	2,176		2,176		1	7			2,610
Cicero: High School Dist.	6,551	4,963	1,588	18	1	2	5,815	1,610		515	110	405	2	1	2			
Danville.....																		
Evanston:																		
Elementary Dist. No. 75	3,904	3,904		9		9	26,845	26,845		3,412	3,412		1	4	6			3,845
Elementary Dist. No. 76	2,021	2,021		5		5	23,168	23,168					1	2	3			2,344
High School Dist. No. 202			2,766		1	1	12,165		12,165	1,304		1,304		1	3			3,350

1 Includes combined elementary high school libraries.  
 2 Includes expenditures for centralized and all other types of school libraries.  
 3 Data for high school only.  
 4 Data available for 7 schools only.  
 5 Includes junior college.  
 6 Includes audio-visual aids.





Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

## GROUP II.—CITIES OF 30,000 TO 99,999 POPULATION—Continued

City	Enrollment			Schools		Number of schools with centralized libraries		BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals <sup>2</sup>
	Total	Elementary school	High school	Elementary	High	Elementary	High	Number of volumes at end of year		Added in 1947-48		Fewer than 1,000 volumes	1,000-2,999 volumes	3,000-4,999 volumes	5,000 volumes or more	Full-time	Half-time or less	
								Total	Elementary schools	High schools	Total							
<b>NEW HAMPSHIRE</b>																		
Manchester	6,572	4,623	1,949	21	2	2	2	10,885	400	400	400	400	1	1	1	2	2	8764
Nashua	3,339	1,507	1,832	7	2	2	2	6,541	251	251	251	251	1	1	1	2	2	666
<b>NEW JERSEY</b>																		
Atlantic City	8,312	4,864	3,448	12	2	2	2	10,230	1,089	1,089	1,089	1,089	1	1	1	2	2	3,082
Clifton	8,011	6,010	2,001	12	2	2	2	22,592	16,721	5,871	964	248	4	7	2	1	2	720
East Orange	6,811	4,145	2,666	10	3	5	3	31,421	20,486	10,935	1,655	583	3	4	1	5	1	3,413
Hoboken	5,449	3,444	2,005	7	3	3	3	4,890	4,890	4,890	4,890	4,890	3	3	3	3	3	806
Irvington	7,015	4,640	2,375	8	2	2	2	22,830	4,914	17,916	1,204	419	1	1	2	3	3	3,281
Montclair	2,672	1,660	1,512	1	5	2	4	22,290	2,158	22,290	2,158	2,158	1	1	2	3	3	2,259
New Brunswick	4,468	2,308	2,160	6	2	6	2	30,495	17,495	13,000	400	200	1	5	2	3	3	1,616
North Bergen	4,579	2,908	1,671	6	2	1	1	7,448	1,210	6,238	200	200	1	1	2	1	1	1,013
Orange	4,934	3,865	1,069	8	1	3	1	8,086	2,000	6,086	200	200	3	3	1	1	1	1,790
Passaic	7,207	2,600	4,607	5	5	1	4	27,607	5,017	22,590	232	949	1	4	4	5	5	2,055
Plainfield	5,288	3,660	1,628	12	1	2	1	14,312	4,436	9,876	800	140	660	1	1	2	2	1,129
<b>NEW MEXICO</b>																		
Albuquerque	12,776	7,705	5,071	19	4	12	4	28,270	7,165	21,105	2,870	1,670	2	1	1	2	2	5,700
<b>NEW YORK</b>																		
Amsterdam	3,718	1,786	1,932	10	3	7	2	5,567	514	5,567	514	514	2	2	1	1	1	1,175
Elmira	7,272	4,751	2,521	10	2	8	4	25,207	2,398	15,352	1,493	905	2	5	2	6	1	4,601
Jamestown	6,688	3,701	2,987	9	4	6	4	31,564	13,004	18,560	2,073	1,282	8	1	1	6	1	6,374
Mount Vernon	9,922	5,519	4,403	10	6	9	6	36,066	14,512	21,554	2,459	471	12	1	15	1	1	6,209



PUBLIC-SCHOOL LIBRARIES

Newburgh	4,602	2,414	2,188	7	3	3	15,906	745	745	3	4	3	3	3,880
New Rochelle	7,775	4,585	3,190	10	3	3	40,882	21,263	21,263	4	4	7	2	6,423
Poughkeepsie	5,011	3,529	1,482	8	1	8	28,776	8,037	911	6	6	2	1	2,100
Schenectady	11,520	6,039	5,481	18	8	15	84,907	42,620	4,670	2	10	6	5	2,323
Troy	1,940	984	956	3	2	2	6,851	289	289	2	2	2	2	1,443
Lansingburg Dist.	4,965	3,569	1,396	10	2	4	10,774	200	200	1	1	1	1	1,750
Union District	6,253	2,452	3,821	6	4	4	33,388	13,840	724	1	1	4	3	4,361
White Plains														
NORTH CAROLINA														
Durham	9,995	4,978	6,758	14	9	14	37,507	3,534	3,534	1	11	3	1	6,500
Greensboro	11,736			14	9	14	67,622	37,980	7,945	1	12	7	3	10,245
High Point	7,905			11	2	11	49,099	5,154	5,154	7	7	4	2	10,245
Raleigh	8,303	5,686	8,303	13	4	13	48,495	30,497	3,938	1,992	10	6	1	7,200
														8,582
OHIO														
East Cleveland	4,902	2,885	2,017	6	3	3	35,437	10,119	1,699	724	1	2	2	2,583
Hamilton	8,292	4,598	3,734	13	3	8	22,524	8,062	3,406	1,853	6	2	1	8,341
Lakewood	6,421	3,897	3,024	10	4	9	39,906	25,407	1,698	1,294	7	4	2	5,200
Lima	6,416	3,755	2,681	13	2	3	35,000	13,383	961	578	2	10	1	8,961
Lorain	6,397	4,057	2,340	10	3	10	23,835	10,452	1,539	693	3	1	1	1,531
Marion	5,824	3,501	2,323	11	4	4	10,372	486	486	1	3	1	3	2,652
Norwood	3,522	2,504	1,018	5	1	1	7,114	486	486	1	1	1	1	2,703
Staubenville	4,723	3,603	1,120	11	1	2	17,206	8,791	821	350	2	2	1	1,869
Warren	7,427	7,427	7,427	10	4	4	15,398	15,398	749	749	1	3	3	1,869
														3,488
OKLAHOMA														
Muskogee	7,564	4,295	3,269	10	3	3	39,245	39,245	2,698	2,698	3	3	3	3,488
OREGON														
Salem	6,343	3,219	3,124	15	3	15	34,692	17,449	3,733	2,421	6	9	2	5,919
PENNSYLVANIA														
Allentown	14,219	5,404	8,815	16	8	3	35,907	4,438	2,212	224	6	1	2	5,630
Chester	6,600	2,600	4,000	12	3	2	16,250	5,150	1,050	250	800	4	1	500
Lancaster	7,980	4,871	3,109	14	3	7	23,118	3,000	958	150	6	1	2	2,363
Lower Merion (P. O. Ardmore)	6,005	3,394	2,611	9	3	3	17,538	411	411	2	2	1	4	1,956
McKeesport	7,802	4,396	3,466	15	4	2	10,963	588	588	1	1	2	2	1,985
New Castle	7,548	3,673	3,872	10	4	1	27,953	9,292	1,588	523	3	3	4	3,189
Upper Darby	7,753	4,429	3,324	10	2	6	34,163	10,200	1,874	325	2	3	1	5,394
Williamsport	6,836	3,286	3,550	11	4	4	20,584	1,136	1,136	2	2	2	2	1,975
York	9,081	4,903	4,178	21	4	4	41,513	41,513	1,637	1,637	4	5	1	3,596

1 Includes combined elementary high school libraries.  
 2 Includes expenditures for centralized and all other types of school libraries.

Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

## GROUP II.—CITIES OF 30,000 TO 99,999 POPULATION—Continued

City	Enrollment			Schools		Number of schools with centralized libraries		BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals <sup>1</sup>			
	Total	Elementary school	High school	Elementary	High	Elementary	High	Number of volumes at end of year				Added in 1947-48				Full-time or less	Half-time or more				
								Total	Elementary schools	High schools	Total	Elementary schools	High schools	Total	Elementary schools				High schools	Fewer than 1,000 volumes	1,000-2,999 volumes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
RHODE ISLAND																					
Newport	4,278	3,000	1,278	10	1	1	1	9,500	3,831	9,500	189	189	189	189	1	1	1	1	1	1	\$907
Pawtucket	8,609	5,042	3,567	18	6	11	11	11,438	55,841	11,438	672	672	672	672	4	1	5	5	5	5	160
SOUTH CAROLINA																					
Columbia	13,545	7,649	5,896	17	8	5	8	80,281	43,298	36,983					2	5	6	13			5,008
SOUTH DAKOTA																					
Stouxs Falls	7,503	5,693	1,810	13	1	12	1	23,500	13,000	10,500	1,500	1,000	500		12		1	3	12		
TEXAS																					
Amarillo	10,951	6,328	4,623	16	5	2	4	29,380	3,831	25,549	6,565	450	6,115	1	3	2	2	5	5	7	7,106
Austin	15,300	9,679	5,621	23	5	23	5	83,687	55,841	27,846	9,068	6,253	2,815	5	13	6	4	13	17	17	12,806
Beaumont	2,558	1,424	1,134	2	2	2	2	12,751	5,530	7,221	1,074	664	410		3		1	2	2	2	2,337
Corpus Christi	13,362	10,352	5,010	18	5	1	5	20,825	8,130	12,695	2,626	200	500				3	7	7	7	2,500
Laredo	8,100	6,800	1,300	11	1	2	1	18,185	8,130	10,035	700	200	500				3	3	3	3	6,766
Waco	12,436	6,870	5,566	18	7	17	7	65,681	34,284	31,397	3,213	1,692	1,621	7	6	8	3	7	18	18	6,766
Wichita Falls	8,247	4,916	3,331	12	4	8	4	39,697	16,450	23,247				1	7	2	2	5	11	11	4,3276
VIRGINIA																					
Lynchburg	7,672	5,198	2,474	17	3		3	18,620		18,620	4,365		4,365		1	1	2	3	3	3	2,574
Petersburg	5,419	2,850	2,569	8	4	7	4	29,101	13,464	15,637	4,993	3,038	1,955		9	1	1	3	3	3	8,421
Portsmouth	10,056	7,947	2,109	20	2		2	13,745		13,745	1,042		1,042		1	1	1	2	2	2	6,709

## GROUP III.—CITIES OF 10,000 TO 29,999 POPULATION

WISCONSIN		1,596	1,596	9	1	1	21,085	13,708	7,317	2,775	2,275	500	1	1	3	2	4,865
Eau Claire	5,394	3,798	1,596	9	1	1	21,085	13,708	7,317	2,775	2,275	500	8	1	3	2	4,865
Green Bay	6,396	3,458	2,939	12	4	4	36,729	12,169	24,560	1,670	685	985	3	2	4	1	2,612
La Crosse	5,916	3,987	1,929	11	2	3	32,493	18,967	13,526	2,365	1,496	869	1	3	4	1	5,605
Madison	11,062	6,114	4,948	6	11	6	82,769	46,835	35,934	6,358	4,155	2,483	1	9	15	2	10,951
Racine	8,566	5,511	3,655	14	6	1	21,107	21,107	16,163	1,638	1,163	1,163	2	1	2	1	1,998
Sheboygan	6,006	3,854	2,152	10	2	2	16,717	16,717	16,717	1,011	1,011	1,011	1	2	4	1	7,093
West Allis	5,615	2,960	2,655	8	3	3	36,500	15,225	21,275	1,691	572	1,119	9	1	4	1	4,130
ALABAMA		2,212	1,632	5	1	2	5,272	1,118	4,154	211	40	171	1	1	1	1	470
Blytheville	2,212	1,632	580	5	1	2	5,272	1,118	4,154	211	40	171	1	1	1	1	470
Jonesboro	2,395	1,361	1,034	5	3	3	1,000	1,000	1,000	125	125	125	1	3	3	3	384
Texasarkana	3,621	2,315	1,306	8	3	3	7,446	7,446	7,446	300	300	300	3	2	2	2	500
CALIFORNIA		10,808	10,808	17	6	6	19,887	19,887	35,980	953	953	4,294	3	14	1	1	1,350
Bakersfield: Elementary Dist.	10,808	10,808	7,888	17	6	6	19,887	19,887	35,980	953	953	4,294	3	14	1	1	1,350
High School Dist.	7,888	3,271	1,228	4	1	4	48,846	29,838	19,008	1,344	684	684	1	2	7	2	11,404
Beverly Hills	3,271	2,043	1,228	4	1	4	48,846	29,838	19,008	1,344	684	684	1	2	7	2	11,404
Brawley: Elementary Dist.	2,461	2,461	782	3	1	1	782	782	782	1	1	1	1	1	2	1	5,643
El Monte: Elementary Dist.	4,776	4,776	3,000	7	1	1	7,000	7,000	7,000	850	850	850	1	2	2	2	8,000
High School Dist.	3,000	1,780	1,795	6	2	2	11,113	11,113	11,113	554	554	554	1	2	2	2	1,339
Eureka: Fullerton: Elementary Dist.	3,575	1,644	1,644	4	1	1	14,048	4,331	7,799	1,596	1,596	1,596	1	2	1	1	3,476
Fullerton: Elementary Dist.	1,644	1,644	1,644	4	1	1	14,048	4,331	7,799	1,596	1,596	1,596	1	2	1	1	2,825
Lodi: Merced: High School Dist.	2,789	1,507	1,200	4	1	1	12,130	4,331	7,799	1,596	1,596	1,596	1	2	1	1	2,201
Merced: High School Dist.	1,200	1,200	1,200	4	1	1	12,130	4,331	7,799	1,596	1,596	1,596	1	2	1	1	2,825
Modesto: Monrovia: Elementary Dist.	8,611	5,138	3,473	9	2	2	17,971	4,130	13,841	1,560	600	900	2	1	3	1	13,283
Modesto: Elementary Dist.	2,560	2,560	1,800	7	1	1	705	705	705	120	120	120	1	1	2	1	730
High School Dist.	1,800	2,560	1,800	7	1	1	6,871	6,871	6,871	342	342	342	1	1	2	1	13,283

<sup>1</sup> 2 schools served by 1 library.

<sup>2</sup> Includes binding.

<sup>1</sup> Includes combined elementary high school libraries.

<sup>2</sup> Includes expenditures for centralized and all other types of school libraries.

Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals 1947-48—Continued

GROUP III.—CITIES OF 10,000 TO 29,999 POPULATION—Continued

CITY	Enrollment			Schools		Number of schools with centralized libraries		BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals <sup>2</sup>			
	Total	Elementary school	High school	Elementary	High	Elementary	High	Number of volumes at end of year				Added in 1947-48				Full-time	Half-time or less				
								Total	Elementary schools	High schools	Total	Elementary schools	High schools	Fewer than 1,000 volumes	1,000-2,999 volumes				3,000-4,999 volumes	5,000 volumes or more	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
* CALIFORNIA—Con.																					
National City: High School Dist.	3,583	—	3,583	—	—	—	—	14,520	—	14,520	2,054	—	2,054	—	2	—	3	2	3	\$4,740	
Palo Alto	3,648	2,599	1,049	—	8	—	2	40,676	23,982	16,694	1,746	741	1,005	—	6	—	2	2	8	3,835	
Redlands	4,103	2,020	2,083	7	—	1	2	24,844	13,261	11,583	3,577	2,388	989	—	—	1	2	3	—	4,229	
Redondo Beach: High School Dist.	1,985	—	1,985	—	1	—	1	9,519	—	9,519	1,313	—	1,313	—	—	—	1	2	—	3,080	
San Mateo: High School Dist.	2,624	—	2,624	—	2	—	2	17,681	—	17,681	830	—	830	—	—	—	—	3	—	3,086	
Santa Rosa	1,375	—	1,375	—	1	—	1	5,700	—	5,700	450	—	450	—	—	—	1	1	—	5,000	
Ventura: High School Dist.	1,351	—	1,351	—	1	—	1	7,515	—	7,515	601	—	601	—	—	—	1	1	2	—	
COLORADO																					
Trinidad	2,142	1,607	535	6	1	6	1	10,779	4,380	6,399	549	133	416	5	1	—	1	1	—	1,980	
CONNECTICUT																					
Danbury	3,832	2,348	1,484	10	1	2	1	5,818	1,951	3,867	400	75	325	1	1	1	1	1	—	300	
Derby	985	600	385	4	1	1	1	200	—	200	—	—	—	—	—	—	—	—	—	1,100	
East Hartford	4,586	3,576	1,010	14	1	—	1	4,150	—	4,150	—	—	—	—	—	—	—	—	—	981	
Middletown	1,920	1,132	788	3	—	2	1	9,211	3,771	5,440	943	388	555	1	1	—	1	1	1	1,019	
Torrington	3,893	2,604	1,289	10	2	—	1	3,793	—	3,793	158	—	158	—	—	—	—	—	—	1,019	
Wallingford	2,336	1,521	815	6	1	—	1	5,315	—	5,315	416	—	416	—	—	—	1	2	—	1,273	







PUBLIC-SCHOOL LIBRARIES

INDIANA

Bedford.....	2,037	1,157	880	2	2	5,260	60	733	1	1	735
Bloomington.....	3,603	2,172	1,431	1	1	14,214	733	549	1	2	3,216
Columbus.....	2,611	1,426	1,185	1	1	2,633	549	105	1	1	1,124
Connersville.....	2,625	1,889	736	1	1	3,505	105	512	1	1	447
Crawfordsville.....	2,020	1,067	853	1	1	2,503	512	237	1	1	715
Frankfort.....	3,076	2,151	925	4	1	4,257	237	459	1	1	1,582
Jeffersonville.....	2,296	1,271	1,025	1	1	3,574	459	311	1	1	824
La Fayette.....	4,784	3,379	1,405	1	1	4,044	311	428	1	3	2,051
La Porte.....	2,399	1,048	1,351	5	2	9,110	428	230	1	1	1,610
Logansport.....	3,626	2,444	1,082	10	1	7,740	230	78	1	3	1,206
Marion.....	5,181	3,855	1,326	9	4	7,690	78	699	1	4	3,103
Michigan City.....	3,437	1,857	1,580	2	1	12,834	699	492	2	2	1,713
Mishawaka.....	3,173	1,633	1,520	3	1	5,974	492	304	1	1	786
Peru.....	2,000	1,040	960	6	2	3,196	304	420	1	1	459
Shelbyville.....	1,853	1,048	805	2	1	4,441	420	123	1	2	493
Vincennes.....	3,132	1,048	1,019	8	1	3,849	123	243	1	1	1,062
Whiting.....	1,530	691	639	3	1	3,616	243	609	1	2	2,000
IOWA											
Boone.....	2,460	1,325	1,135	7	1	5,838	609	59	1	1	2,100
Fort Madison.....	1,750	950	800	4	2	5,288	59	72	1	1	5,250
Keokuk.....	2,690	1,550	1,050	6	2	8,670	685	313	1	1	1,288
Marshalltown.....	3,305	2,635	670	11	1	5,856	313	1,187	1	1	3,134
Mason City.....	4,500	2,500	2,000	11	3	11,075	1,187	4	2	5	1,400
Newton.....	2,390	1,309	1,081	4	2	9,939	4	571	1	1	875
KANSAS											
Atchison.....	2,323	1,387	936	5	1	20,800	14,594	200	1	3	2,050
Eldorado.....	2,193	1,112	1,081	3	2	22,400	16,500	155	1	1	1,313
Fort Scott.....	1,450	900	550	3	1	8,941	200	391	1	1	632
Independence.....	2,547	1,400	1,147	2	1	5,620	155	72	1	1	1,459
Leavenworth.....	2,824	1,724	1,100	9	2	3,884	72	259	1	1	1,036
Ottawa.....	1,766	967	799	4	2	4,003	391	1	1	1	494
KENTUCKY											
Fort Thomas.....	1,111	656	455	3	1	3,254	259	120	1	2	328
MAINE											
Auburn.....	3,777	2,121	1,656	14	2	2,484	120	1,000	1	1	471
Augusta.....	2,959	2,048	911	11	1	2,422	1,000	2,394	1	1	494
Biddeford.....	1,300	1,000	300	4	1	1,000	1,000	1	1	1	494
Rumford.....	1,544	832	712	7	1	2,394	1	1	1	1	494

<sup>1</sup> Includes combined elementary high school libraries.  
<sup>2</sup> Includes expenditures for centralized and all other types of school libraries.  
<sup>3</sup> Data for high school only.  
<sup>4</sup> Includes junior college.

Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

CITY	GROUP III.—CITIES OF 10,000 TO 29,999 POPULATION—Continued										LIBRARIANS				Expenditures for books and periodicals <sup>1</sup>						
	Enrollment			Schools			Number of schools with centralized libraries			BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE							
	Total	Elementary school	High school	Elementary	High	High	Elementary	High	High	Number of volumes at end of year		Added in 1947-48		Fewer than 1,000 volumes		1,000-2,999 volumes	3,000-4,999 volumes	5,000 volumes or more	Full-time	Half-time or less	
MASSACHUSETTS																					
Andover.....	1,537	887	650	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Attleboro.....	3,255	2,531	724		9	9	1	1	2,943		2,943	144		144		1			1		
Belmont.....	3,851	2,135	1,716	1	2	2	2	2	2,840		2,840	200		200		1			1		
Clinton.....	1,415	840	575	1	1	1	1	1	12,741		12,741	345		345		1		2	2		
Fairhaven.....	1,790	1,152	638	1	1	1	1	1	1,883		1,883	40		40		1			1		
Framingham.....	3,565	1,845	1,720	10	4	4	1	1	1,241		1,241	41		41		1			1		
Gardiner.....	1,932	1,132	800	8	10	10	1	1	2,425		2,425	124		124		1			1		
Greenfield.....	2,502	1,373	1,129	10	12	12	1	1	2,600		2,600	235		235		1			1		
Marblehead.....	2,129	1,289	840	5	11	11	1	1	4,194		4,194	296		296		1			1		
Melrose.....	3,600	2,500	1,100	10	10	10	3	1	2,900	1,000	1,000				3						
Milton.....	2,987	1,681	1,306	5	7	7	5	2	2,900		2,900					2					
Newburyport.....	1,761	1,140	621	2	7	7	1	1	2,941		2,941					2					
North Adams.....	3,548	2,768	780	6	6	6	1	1	3,210	1,200	1,200	90		90	2	2		1	1		
Peabody.....	2,731	1,865	866	8	8	8	1	1	2,240		2,240	800		800	1	1		1	1		
Plymouth.....	2,279	1,203	1,076	7	2	2	2	2	2,930		2,930	80		80	2	2		2	2		
Reading.....	2,352	1,265	1,087	5	5	5	1	1	3,114		3,114	177		177		1		1	1		
Stoneham.....	1,607	879	728	4	4	4	1	1	2,704		2,704	197		197		1		1	1		
Wakefield.....	2,847	1,879	968	7	7	7	1	1	5,585		5,585	210		210		1		1	1		
Webster.....	807	420	387	3	3	3	1	1	4,540		4,540	190		190		1		1	1		
Wellesley.....	2,841	1,753	1,088	8	2	2	2	2	7,405		7,405	328		328		1		1	1		
Westfield.....	2,874	1,876	876	8	8	8	2	2	5,069	1,750	1,750	516		516	2	2		1	1		
West Springfield.....	2,823	1,692	1,131	7	2	2	2	2	1,868	500	1,368							1	1		
Weymouth.....	4,691	3,152	1,539	11	11	11	1	1	5,195		5,195	104		104		1		1	1		
Winthrop.....	2,905	1,655	1,250	4	4	4	2	2	1,266		1,266	31		31		1		1	1		
Woburn.....	2,746	1,515	1,231	13	13	13	1	1	4,542		4,542	72		72		1		1	1		

PUBLIC-SCHOOL LIBRARIES

MICHIGAN	Alpena.....	1,200	1,004	5	1	1	10,751	10,751	945	945	1	2	1	1,957
	Ann Arbor.....	2,508	2,363	8	4	6	58,176	58,176	919	919	2	3	1	2,899
	Birmingham.....	4,871	1,832	2	2	2	5,456	5,456	517	517	1	1	1	3,302
	Escanaba.....	2,843	1,372	5	2	8	6,418	6,418	473	473	1	1	1	1,555
	Ferdale.....	6,304	4,120	8	2	11,611	11,611	473	473	2	2	9	4,018	
	Grosse Pointe.....	5,306	3,148	2	2	25,246	8,618	2,029	837	3	5	1	3,228	
	Holland.....	2,731	1,477	2	4	10,945	10,945	637	4	1	1	1	921	
	Ironwood.....	2,063	1,384	4	1	21,653	5,962	1,188	752	456	4	1	1,201	
	Lincoln Park.....	4,800	3,600	5	1	4,350	2,600	550	300	250	5	1	1,040	
	Menominee.....	2,088	1,963	2	2	4,011	4,011	113	870	113	1	2	3,926	
	Midland.....	3,573	1,834	4	1	9,458	9,458	619	519	1	1	3	3,038	
	Monroe.....	3,881	1,600	7	1	4,951	4,951	615	615	1	2	1	1,233	
	Mount Clemens.....	3,100	1,500	7	1	7,039	7,039	588	588	1	1	1	1,344	
	Niles.....	2,955	1,421	9	2	7,039	7,039	588	588	1	1	1	2,931	
	River Rouge.....	3,004	1,010	3	1	17,739	5,115	994	190	804	2	3	850	
	St. Clair Shores.....	925	700	2	1	1,850	1,850	400	400	1	1	2	790	
	Lakeview Dist. No. 2.....	967	341	1	1	3,925	3,925	300	300	1	1	1	614	
	South Lake Dist. No. 3.....	3,688	2,360	6	2	7,225	7,225	190	190	1	1	1	2,784	
	Sault Sainte Marie.....	1,763	1,202	4	1	22,314	4,054	1,070	296	774	3	1	2	
	Ypsilanti.....	2,965	1,703	4	1	22,314	4,054	1,070	296	774	3	1	2	
MINNESOTA	Albert Lea.....	3,224	1,716	4	2	20,507	9,758	10,749	1,356	754	4	1	3	2,420
	Austin.....	4,298	2,466	6	2	5,881	5,881	864	864	1	1	2	3,312	
	Brainerd.....	2,797	1,446	6	2	14,672	6,976	7,696	1,219	820	5	1	1,373	
	Faribault.....	2,055	1,083	5	1	7,082	2,078	5,004	556	310	246	1	1	721
	Faribault.....	2,028	1,064	5	1	10,880	3,806	7,074	1,841	742	1,099	5	2	2,550
	Fergus Falls.....	3,658	1,964	11	2	18,006	18,006	631	631	1	1	3	2,424	
	Hibbing.....	2,376	1,065	3	2	15,819	6,943	8,876	994	347	637	1	3	2,679
	Mankato.....	3,880	2,145	7	2	23,365	11,702	11,663	4,050	445	1	2	5,487	
	Rochester.....	2,702	1,369	6	2	13,258	5,320	9,938	1,262	628	3	5	1,872	
	St. Cloud.....	2,921	1,672	6	2	20,102	20,102	1,188	1,188	1	1	1	1,822	
	South St. Paul.....	1,965	1,151	3	1	9,348	9,348	225	225	1	1	1	1,544	
	Virginia.....	2,879	1,929	5	2	22,990	14,737	8,253	1,171	877	6	2	1,732	
	Winona.....	3,984	2,176	5	2	7,113	7,113	580	580	1	1	1	649	
MISSISSIPPI	Columbus.....	4,758	3,180	6	3	7,532	7,532	486	486	2	1	1	2,745	
	Hattiesburg.....	2,759	1,539	5	2	6,756	6,756	185	185	1	1	6	750	
	Laurel.....	2,759	1,539	5	2	6,756	6,756	185	185	1	1	6	750	
MISSOURI	Cape Girardeau.....	2,746	1,833	5	2	21,761	10,350	11,411	2,008	1,723	2	5	2	3,940
	Clayton.....	1,966	1,138	828	7	8,185	8,185	443	443	1	2	2	3,391	
	Columbia.....	2,800	1,500	5	3	12,000	12,000	443	443	1	3	3	851	

<sup>1</sup> Includes combined elementary high school libraries.

<sup>2</sup> Includes expenditures for centralized and all other types of school libraries.

<sup>3</sup> Includes binding and audio-visual materials.





PUBLIC-SCHOOL LIBRARIES<sup>1</sup>

NEW JERSEY

Asbury Park.....	1,586	1,287	3,182	3,182	140	1	1	1	1,100
Belleville.....	3,460	1,173	13,003	3,860	413	10	1	1	1,334
Bridgeton.....	1,695	3,684	9,143	3,684	413	1	1	1	1,510
Burlington.....	1,430	1,789	4,292	2,492	505	5	1	1	2,100
Carteret.....	1,564	1,138	3,352	3,352	113	1	1	1	941
Cliffside Park.....	1,407	760	3,050	3,340	218	2	1	2	666
Cranford.....	2,006	868	7,262	3,340	362	1	1	2	1,468
Garfield.....	2,874	883	11,407	6,352	531	5	2	2	2,094
Glenfield.....	1,105	730	2,175	2,175	194	1	1	1	283
Gloster City.....	1,521	507	3,014	3,014	105	1	1	1	361
Harrison.....	3,180	689	10,875	4,875	450	1	1	1	1,500
Hillsdale.....	3,182	1,300	13,832	13,832	427	4	1	1	1,859
Linden.....	3,252	1,829	8,635	4,475	335	4	1	1	1,846
Local.....	3,378	1,857	9,179	6,069	466	2	1	2	1,947
Long Branch.....	2,080	1,190	7,539	5,389	200	3	1	1	1,132
Milburn.....	2,383	1,080	10,825	9,330	260	1	1	1	1,421
North Plainfield (P. O. Plainfield).....	3,900	1,650	16,100	8,500	710	4	1	2	1,361
Nutley.....	2,780	960	3,637	2,902	166	8	1	1	2,180
Phillipsburg.....	2,572	1,579	4,902	4,902	417	1	1	1	1,000
Pleasantville.....	2,840	840	4,440	4,440	191	1	1	1	1,370
Rahway.....	1,820	602	6,179	5,629	645	2	1	1	870
Red Bank.....	1,724	511	6,382	2,376	75	2	1	1	1,109
Ridgefield Park.....	3,200	2,100	31,244	7,844	908	4	2	2	3,359
Ridgewood.....	2,092	1,229	6,000	6,000	629	1	1	1	868
Rutherford.....	1,046	446	10,087	4,814	559	2	1	2	1,192
Roselle.....	2,800	1,050	3,350	3,350	150	1	1	1	650
South River.....	1,800	750	3,350	3,350	260	2	1	2	753
Summit.....	1,399	1,184	29,809	6,258	973	4	2	1	1,424
Union.....	5,133	3,729	7,714	3,232	82	1	1	1	1,322
Vineland.....	3,751	2,540	2,270	2,270	233	1	1	2	1,262
Westfield.....	3,420	1,970	13,254	582	582	1	1	1	1,262
Woodbridge.....	5,091	3,902	7,308	7,308	412	4	1	1	1,406
NEW MEXICO									
Hobbs.....	2,640	595	7,533	9,000	603	1	1	1	4,125
Roswell.....	4,767	2,040	15,350	6,350	1,100	5	2	1	3,300
Santa Fe.....	4,400	2,800	10,300	4,400	500	2	1	3	1,778
NEW YORK									
Cohoes.....	1,809	480	6,618	2,669	872	8	1	1	1,178
Corning.....	1,390	640	5,808	5,808	200	1	1	1	1,050
Dist. No. 9.....	1,803	1,025	1,257	3,771	239	1	1	1	592
Dist. No. 13.....	2,501	1,001	5,919	3,919	55	1	1	1	947
Corland.....	4,949	1,872	7,036	12,779	1,569	5	2	4	2,091
Endicott.....	4,949	1,872	7,036	12,779	1,569	5	2	4	2,091

<sup>3</sup> Data for high school only.

<sup>4</sup> Includes binding.

<sup>1</sup> Includes combined elementary high school libraries.

<sup>2</sup> Includes expenditures for centralized and all other types of school libraries.

Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

GROUP III.—CITIES OF 10,000 TO 29,999 POPULATION—Continued

City	Enrollment		Schools		Number of schools with centralized libraries		BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals <sup>2</sup>					
	Total	Elementary school	Elementary	High <sup>1</sup>	Elementary	High <sup>1</sup>	Number of volumes at end of year				Added in 1947-48				Full-time	Half-time or less						
							Total	Elementary schools	High <sup>1</sup> schools	Total	Elementary schools	High <sup>1</sup> schools	Fewer than 1,000 vol-umes	1,000-2,999 vol-umes				3,000-4,999 vol-umes	5,000 vol-umes or more			
<b>NEW YORK—Con.</b>																						
Floral Park	1,380	1,380	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
High School Dist.	3,102	3,102							4,470	4,470	10,372	251	251	1,211		1	1	1	1	1	1	1
Freeport	2,163	1,737	5	1	5	1	1	1	11,692	5,136	6,556	1,211	184	416	1	4	1	1	3	3	3	\$945
Garden City	2,903	2,007	7	1	7	1	1	1	5,271	5,271	9,327	416	416	373	1	1	1	1	2	2	2	3,272
Geneva	2,116	1,100	4	2	4	2	2	2	21,728	12,401	9,327	1,154	781	373	5	5	1	1	2	2	2	14,234
Glen Cove	2,094	1,304	5	1	5	1	1	1	12,078	7,180	4,898	488	821	233	5	1	1	1	2	2	2	1,767
Glen Falls	2,841	1,557	4	2	4	2	2	2	13,829	4,398	9,431	590	166	424	1	1	1	1	2	2	2	1,603
Glensville	3,731	2,095	8	2	8	2	2	2	9,093	696	9,093	696	696	324	1	1	1	1	2	2	2	1,046
Hudson	1,904	1,177	5	1	4	1	1	1	20,144	10,261	9,883	617	293	324	3	3	1	1	2	2	2	1,656
Irondequoit (P. O. Rochester)	1,588	1,031	8	2	8	2	2	2	12,972	7,868	5,104	719	411	308	2	2	2	2	1	1	1	1,985
Ithaca	3,676	1,921	8	2	8	2	2	2	20,455	16,126	13,329	2,031	1,085	946	8	8	2	2	3	3	3	14,000
Johnstown	1,730	1,043	5	2	5	2	2	2	7,207	7,207	7,207	297	297	297	1	1	1	1	2	2	2	4,884
Kenosha	7,800	4,830	8	2	8	2	2	2	13,815	5,225	13,360	1,337	445	892	3	3	3	3	3	3	3	4,550
Kingston	5,047	2,945	8	2	8	2	2	2	6,353	6,353	6,353	452	452	432	1	1	1	1	2	2	2	3,204
Lockport	3,560	3,121	3	1	3	1	1	1	12,400	8,111	4,289	1,072	775	297	3	3	3	3	3	3	3	3,008
Lynbrook	1,817	1,300	3	1	3	1	1	1	16,421	10,333	6,188	796	453	343	1	1	1	1	2	2	2	2,180
Mannoneck	3,368	1,876	4	2	4	2	2	2	23,780	12,714	11,066	1,435	801	634	1	1	1	1	2	2	2	2,601
Massena	2,659	1,446	5	2	5	2	2	2	5,225	5,225	5,225	291	291	291	2	2	2	2	2	2	2	1,397
Minerva	2,828	1,642	3	1	3	1	1	1	9,965	4,963	5,002	961	383	578	3	3	1	1	2	2	2	2,021
North Tonawanda	3,880	2,538	8	1	8	1	1	1	5,650	1,351	4,299	446	47	399	1	1	1	1	1	1	1	2,600
Olean	4,030	2,890	10	4	10	4	4	4	9,889	3,068	6,831	652	380	272	10	10	1	1	1	1	1	1,510
Ossining	2,545	1,623	4	1	4	1	1	1	8,820	5,820	5,820	332	332	332	4	4	1	1	1	1	1	1,657
Peekskill	2,592	1,860	6	1	6	1	1	1	19,482	13,408	6,074	944	615	399	4	4	2	2	2	2	2	1,499
Pelham	1,825	996	4	1	4	1	1	1	15,044	8,917	6,127	366	231	135	4	4	1	1	1	1	1	1,499

PUBLIC-SCHOOL LIBRARIES

Plattsburg.....	1,734	916	818	6	1	1	5,472	9,821	13,306	5,472	168	168	5,472	188	188	5,472	168	168	5,472	188	188	5,472	168	168	1,489		
Port Chester.....	3,583	1,671	1,912	5	2	2	23,127	9,821	13,306	5,472	168	168	5,472	188	188	5,472	168	168	5,472	188	188	5,472	168	168	2,705		
Rensselaer.....	1,515	291	1,224	4	4	4	16,517	9,960	6,557	1,376	1,185	1,185	1,376	1,185	1,185	1,376	1,185	1,185	1,376	1,185	1,185	1,376	1,185	1,185	1,076		
Rockville Center.....	2,885	1,098	1,787	5	1	1	5,188	4,481	4,481	407	417	417	4,481	407	407	4,481	407	407	4,481	407	407	4,481	407	407	1,650		
Saratoga Springs.....	2,170	1,447	1,723	6	4	4	12,000	7,519	7,519	406	284	284	7,519	406	406	7,519	406	406	7,519	406	406	7,519	406	406	1,665		
Searsdale.....	2,443	1,268	1,175	3	3	3	16,881	4,025	4,361	483	251	251	4,361	483	483	4,361	483	483	4,361	483	483	4,361	483	483	1,702		
Tonawanda.....	2,363	1,646	717	6	2	2	8,386	4,025	4,361	483	251	251	4,361	483	483	4,361	483	483	4,361	483	483	4,361	483	483	1,702		
Valley Stream.....	900	900	754	1	1	1	2,395	2,395	2,395	125	125	125	2,395	125	125	2,395	125	125	2,395	125	125	2,395	125	125	2,380		
Elementary Dist. No. 13.....	1,754	725	725	5	1	1	10,973	2,161	2,161	157	157	157	2,161	157	157	2,161	157	157	2,161	157	157	2,161	157	157	700		
High School Dist. No. 1.....	1,833	1,108	1,108	5	1	1	10,973	2,161	2,161	157	157	157	2,161	157	157	2,161	157	157	2,161	157	157	2,161	157	157	700		
Watervliet.....	1,833	1,108	1,108	5	1	1	10,973	2,161	2,161	157	157	157	2,161	157	157	2,161	157	157	2,161	157	157	2,161	157	157	700		
NORTH CAROLINA																											
Concord.....	3,227	2,007	1,220	4	2	2	17,701	8,335	9,366	2,002	1,034	968	9,366	2,002	2,002	9,366	2,002	2,002	9,366	2,002	2,002	9,366	2,002	2,002	4,461		
Elizabeth City.....	3,043	2,052	991	4	2	2	4,021	15,744	4,021	920	620	620	4,021	920	920	4,021	920	920	4,021	920	920	4,021	920	920	1,076		
Fayetteville.....	4,645	3,329	1,316	8	2	2	23,062	15,744	7,318	595	595	595	7,318	595	595	7,318	595	595	7,318	595	595	7,318	595	595	1,076		
Goldboro.....	5,053	3,856	1,197	6	2	2	5,754	3,759	3,759	230	230	230	3,759	230	230	3,759	230	230	3,759	230	230	3,759	230	230	1,650		
Reidsville.....	3,013	2,199	814	5	2	2	3,759	21,305	13,107	285	85	85	13,107	285	285	13,107	285	285	13,107	285	285	13,107	285	285	1,665		
Rocky Mount.....	4,741	3,492	1,249	8	2	2	34,412	3,784	12,722	285	85	200	12,722	285	285	12,722	285	285	12,722	285	285	12,722	285	285	1,702		
Thomasville.....	2,494	803	1,691	2	3	3	16,506	3,784	12,722	285	85	200	12,722	285	285	12,722	285	285	12,722	285	285	12,722	285	285	1,660		
NORTH DAKOTA																											
Minot.....	2,568	1,346	1,222	6	2	2	10,317	10,317	10,317	280	280	280	10,317	280	280	10,317	280	280	10,317	280	280	10,317	280	280	917		
OHIO																											
Alliance.....	4,561	2,662	1,899	9	3	3	6,206	6,206	6,206	339	339	339	6,206	339	339	6,206	339	339	6,206	339	339	6,206	339	339	655		
Ashland.....	2,713	1,594	1,269	6	1	1	7,397	6,830	7,397	247	247	247	7,397	247	247	7,397	247	247	7,397	247	247	7,397	247	247	694		
Barberton.....	3,928	2,438	1,490	8	3	3	17,676	6,830	10,846	1,072	374	698	10,846	1,072	1,072	10,846	1,072	1,072	10,846	1,072	1,072	10,846	1,072	1,072	435		
Chillicothe.....	3,785	2,800	985	6	1	1	4,680	3,036	4,680	451	451	451	4,680	451	451	4,680	451	451	4,680	451	451	4,680	451	451	655		
Coshocton.....	1,995	1,423	572	7	1	1	3,036	3,036	3,036	390	390	390	3,036	390	390	3,036	390	390	3,036	390	390	3,036	390	390	2,441		
Cuyahoga Falls.....	3,789	2,397	1,392	4	1	1	6,829	6,829	6,829	527	527	527	6,829	527	527	6,829	527	527	6,829	527	527	6,829	527	527	2,750		
East Liverpool.....	4,761	3,444	1,317	16	1	1	6,250	16,345	13,931	3,320	2,063	1,257	13,931	3,320	3,320	13,931	3,320	3,320	13,931	3,320	3,320	13,931	3,320	3,320	5,871		
Fueled.....	5,735	2,752	2,983	3	2	2	30,276	16,345	13,931	3,320	2,063	1,257	13,931	3,320	3,320	13,931	3,320	3,320	13,931	3,320	3,320	13,931	3,320	3,320	475		
Findlay.....	3,411	1,847	1,564	8	3	3	11,059	4,495	5,357	463	326	326	5,357	463	463	5,357	463	463	5,357	463	463	5,357	463	463	600		
Garfield Heights (P. O. Cleveland).....	2,224	1,271	953	3	1	1	9,852	4,495	5,357	463	326	326	5,357	463	463	5,357	463	463	5,357	463	463	5,357	463	463	600		
Ironton.....	2,400	800	800	7	1	1	5,200	2,150	2,150	200	200	200	2,150	200	200	2,150	200	200	2,150	200	200	2,150	200	200	3,000		
Leicester.....	4,125	3,125	1,000	6	1	1	9,500	3,888	3,888	628	155	473	3,888	628	628	3,888	628	628	3,888	628	628	3,888	628	628	982		
Marietta.....	2,811	1,429	382	8	1	1	15,295	3,888	3,888	628	155	473	3,888	628	628	3,888	628	628	3,888	628	628	3,888	628	628	800		
Marion Ferry.....	2,300	1,600	700	5	1	1	6,777	6,432	6,432	418	418	418	6,432	418	418	6,432	418	418	6,432	418	418	6,432	418	418	470		
Mount Vernon.....	2,280	1,330	950	6	1	1	6,432	6,432	6,432	418	418	418	6,432	418	418	6,432	418	418	6,432	418	418	6,432	418	418	470		
New Philadelphia.....	2,194	1,293	931	6	2	2	1,499	1,499	1,499	289	289	289	1,499	289	289	1,499	289	289	1,499	289	289	1,499	289	289	1,013		
Painesville.....	2,242	1,608	1,244	6	2	2	7,810	120	7,690	625	20	606	7,690	625	625	7,690	625	625	7,690	625	625	7,690	625	625	2,250		
Park.....	3,015	2,638	977	4	2	2	17,708	12,126	6,642	647	466	181	6,642	647	647	6,642	647	647	6,642	647	647	6,642	647	647	1,250		
Parna.....	2,048	1,977	589	7	4	4	5,405	2,000	3,405	288	288	288	3,405	288	288	3,405	288	288	3,405	288	288	3,405	288	288	801		
Piqua.....	2,647	2,545	1,142	8	1	1	4,912	4,912	4,912	265	265	265	4,912	265	265	4,912	265	265	4,912	265	265	4,912	265	265	3,700		
Sandusky.....	3,687	2,545	1,142	8	1	1	4,912	4,912	4,912	265	265	265	4,912	265	265	4,912	265	265	4,912	265	265	4,912	265	265	3,700		

<sup>1</sup> 2 schools served by 1 library.

<sup>11</sup> Includes binding.

<sup>1</sup> Includes combined elementary high school libraries.

<sup>2</sup> Includes expenditures for centralized and all other types of school libraries.

Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

## GROUP III.—CITIES OF 10,000 TO 29,999 POPULATION—Continued

CITY	Enrollment				Schools			Number of schools with centralized libraries		BOOK STOCK IN CENTRALIZED LIBRARIES					NUMBER OF CENTRALIZED LIBRARIES, BY SIZE					LIBRARIANS		Expenditures for books and periodicals <sup>2</sup>
	Total	Elementary schools	High schools	Total	Elementary	High	Total	Elementary	High	Number of volumes at end of year			Added in 1947-48		Fewer than 1,000 volumes	1,000-2,999 volumes	3,000-4,999 volumes	5,000 volumes or more	Full-time or less	Half-time or less		
										Total	Elementary schools	High schools	Total	Elementary schools							High schools	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
OHIO—Continued																						
Shaker Heights (P. O. Cleveland)	4,059	2,380	1,679	8	2	8	2	60,433	41,338	19,095	2,784	1,676	1,108					9			\$1,500	
Tiffin	1,850	1,050	800	4	2	3	2	8,800	4,500	4,300	490	200	260		5			2			2,300	
Wooster	2,103	1,130	973	4	1	4	1	5,865		5,865	186		186					1			415	
Xenia	2,320	1,250	1,070	4	2	4	2	6,400	2,250	4,150	500	300	200	4	1	1			2			
OKLAHOMA																						
Ada	2,554	1,530	1,024	5	2	2	2	8,415	2,051	6,364	448	300	148	1	2	1		2			689	
Andmore	2,494	2,027	457	5	1	1	1	6,113		6,113	215	215	215				1				1,694	
Bardonia	3,331	1,792	1,539	8	3	3	3	35,000			250				3	5		1			1,477	
McAlester	3,252	2,672	880	6	2	1	1	9,325	1,925	7,400	75	25	50		1			1			1,250	
Okmulgee	3,219	1,843	1,376	7	2	2	2	15,621		15,621	698		698				1	1			2,000	
Ponca City	4,352	2,486	1,866	6	2	6	2	21,240	9,347	11,893	999	500	490		6			2			2,000	
Stillwater	2,097	1,147	950	3	2	3	2	4,900	1,022	3,878	882	258	624					1			1,175	
OREGON																						
Astoria	1,532	1,002	530	3	1	3	1	5,400	2,100	3,300					3	1		1	1		1,134	
Medford	3,473	1,792	1,711	4	2	4	2	20,832	8,626	12,226	1,363	400	963		4	1		2	4		3,000	
PENNSYLVANIA																						
Aliquippa	4,539	2,299	2,240	8	2	2	2	4,209		4,209	83		83					1			586	
Beaver Falls	3,250	1,358	1,892	6	3	3	3	12,500		12,500	469		469					2			1,300	
Bradford	1,765	789	976	3	2	1	1	8,849		8,849	9		9					1			2,077	
Bradford	3,694	1,696	2,028	6	2	2	2	8,134		8,134	762		762		1			2			2,077	
Bristol	1,572	902	670	5	1	1	1	4,278		4,278	253		253					1			590	
Carlisle	2,634	1,307	1,327	5	1	5	1	5,993	2,520	3,473	880	600	280	5	1	1		1			1,095	



PUBLIC-SCHOOL LIBRARIES

Chambersburg.....	3,087	1,159	1	1	6,226	308	306	1	1	1	1	1	2,960
Charlottesville.....	2,115	1,892	2	2	7,479	387	387	1	1	1	1	1	7,900
Clinton.....	5,890	2,295	4	2	6,535	745	745	1	1	1	1	1	5,533
Columbia.....	1,616	1,147	4	2	3,942	146	146	1	1	1	1	1	4,453
Darby.....	1,401	825	2	2	3,550	695	250	3	1	1	3	3	583
Dormont.....	1,570	950	2	2	12,639	620	297	3	3	3	3	2	1,142
Du Bois.....	1,620	850	2	2	12,112	4,425	967	1	1	1	1	2	650
Edwood City.....	2,800	1,600	7	1	4,246	191	191	1	1	1	1	1	1,203
Greensburg.....	3,244	1,546	4	2	7,565	849	849	1	1	1	1	3	900
Hanover (City).....	2,056	984	2	2	6,148	372	372	1	1	1	1	2	870
Homestead.....	1,434	1,072	3	3	5,854	806	896	3	3	3	3	3	800
Indiana.....	1,950	1,200	2	2	4,735	403	130	1	1	1	1	1	1,063
Jeanette.....	2,425	1,600	7	1	9,347	200	200	1	1	1	1	1	1,000
Kingston.....	3,036	825	9	1	8,287	538	538	1	1	1	1	1	1,630
Leansdowne.....	1,687	872	3	3	7,261	705	705	1	1	1	1	1	1,500
Lebanon.....	4,504	2,181	5	2	9,207	146	146	1	1	1	1	1	2,000
Lebanon.....	2,301	904	4	2	4,196	300	300	2	2	2	2	2	2,442
Locke's Rocks.....	1,757	777	3	2	5,539	900	900	1	1	1	1	1	1,630
Mount Carmel.....	1,650	700	5	2	6,283	900	900	1	1	1	1	1	1,500
Mount Lebanon.....	3,981	2,064	5	2	12,421	200	200	1	1	1	1	1	2,000
Murhall.....	2,400	1,058	1	3	7,450	172	172	1	1	1	1	1	1,630
New Kensington.....	3,952	1,992	8	4	12,153	417	417	1	1	1	1	1	1,838
Ohio City.....	3,011	1,762	2	2	4,710	381	381	2	2	2	2	2	1,396
Pittston.....	830	588	3	1	704	960	945	1	1	1	1	1	1,088
Plymouth.....	1,952	955	5	2	4,633	416	416	1	1	1	1	1	1,000
Shamokin.....	2,197	1,043	6	1	7,316	272	272	1	1	1	1	1	1,248
Shenandoah.....	1,516	739	9	1	12,361	861	861	1	1	1	1	1	800
Steelton.....	1,670	880	7	7	8,360	180	120	6	1	1	1	3	800
Tamaqua.....	1,815	671	6	2	4,430	20	20	2	2	2	2	2	2,580
Uniontown.....	3,254	1,144	7	3	13,787	584	584	1	1	1	1	3	673
Waynesboro.....	1,610	896	4	2	7,673	264	264	1	1	1	1	1	1,059
West Chester.....	2,280	1,043	4	2	13,937	988	988	1	1	1	1	1	1,248
Wilksburg.....	4,330	2,332	6	2	8,363	200	200	2	2	2	2	2	3,178
RHODE ISLAND													
Lincoln (P. O. Lonsdale).....	933	664	5	2	500	500	500	1	1	1	1	1	400
North Providence (P. O. Providence).....	1,950	1,400	6	1	5,140	3,180	120	6	6	6	6	3	450
Warwick.....	6,430	3,860	20	3	1,302	842	751	5	5	5	5	5	1,236
Westerly.....	1,726	887	5	2	2,507	82	82	1	1	1	1	2	123
SOUTH CAROLINA													
Greenwood.....	4,460	2,903	9	2	9,005	350	350	1	1	1	1	1	825
Orangeburg.....	3,508	2,356	3	2	12,720	2,598	2	2	2	2	2	2	1,870
Sumter.....	3,986	1,635	3	1	9,363	741	331	3	3	3	3	4	1,502
Library destroyed by fire, December 1947.													
1 Includes combined elementary high school libraries.													
2 Includes expenditures for centralized and all other types of school libraries.													



Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

## GROUP III.—CITIES OF 10,000 TO 29,999 POPULATION—Continued

City	Enrollment			Schools		Number of schools with centralized libraries		BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals?			
	Total	Elementary school	High school	Elementary	High	Elementary	High	Number of volumes at end of year		Added in 1947-48		Fewer than 1,000 volumes	1,000-2,999 volumes	3,000-4,999 volumes	5,000 volumes or more	Full-time	Half-time or less				
								Total	Elementary schools	Total	Elementary schools								High schools		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
SOUTH DAKOTA																					
Aberdeen.....	2,900	1,500	1,400	7	4	4	4	10,121	---	10,121	203	---	203	---	---	---	---	5	---	\$1,800	
Huron.....	1,850	1,025	825	4	2	2	2	4,986	---	4,986	162	---	162	---	---	---	---	1	---	351	
Mitchell.....	1,840	1,327	513	4	1	1	1	4,231	---	4,231	146	---	146	---	---	---	---	---	1	---	625
Rapid City.....	3,662	1,978	1,674	7	1	7	1	6,710	969	5,741	292	---	292	7	---	---	1	---	---	1,638	
Watertown.....	2,175	1,187	988	6	2	2	2	4,675	---	4,675	375	---	375	---	---	---	---	1	---	920	
TENNESSEE																					
Bristol.....	2,750	1,300	1,450	3	3	3	3	8,525	2,249	6,276	600	200	400	3	2	1	---	6	---	2,100	
Cleveland.....	2,400	2,100	300	5	1	1	1	6,769	4,029	2,740	1,999	1,979	20	---	---	---	---	2	---	1,816	
TEXAS																					
Abilene.....	5,896	3,258	2,638	9	4	4	4	10,965	---	10,965	410	---	410	1	1	1	1	3	---	711	
Borger.....	4,271	3,407	864	4	1	1	1	5,029	185	5,029	185	---	185	---	---	---	1	1	---	487	
Cleburne.....	2,591	2,010	581	6	3	3	3	5,728	164	5,728	164	---	164	---	---	---	1	1	---	1,047	
Corsicana.....	3,062	1,648	1,414	6	3	3	3	12,600	4,161	8,439	443	229	214	2	2	---	2	2	1	1,775	
Denison.....	2,800	1,700	1,100	5	1	2	2	13,191	5,200	7,991	513	200	291	---	---	---	1	1	---	1,116	
DeLeon.....	1,980	1,050	930	3	2	2	2	6,626	---	6,626	291	---	291	---	---	---	2	---	---	889	
Greenville.....	2,615	1,779	836	5	3	3	3	913	---	913	125	---	125	---	---	---	2	---	---	---	
Higland Park (P. O. Dallas).....	3,990	1,948	2,042	3	2	3	2	28,580	15,627	12,953	1,784	827	907	---	---	---	3	5	1	2,950	
Longview.....	4,200	2,000	2,000	8	3	3	3	21,500	9,000	12,500	1,500	1,000	500	1	1	2	2	2	1	1,450	
McAllen.....	3,762	3,032	730	7	1	1	1	4,659	343	4,659	343	---	343	---	---	---	1	1	---	1,625	
Palentine.....	2,568	1,613	955	8	2	2	2	10,871	3,084	7,837	375	125	250	1	2	---	1	1	---	1,346	
Sherman.....	3,185	1,773	1,412	5	2	5	2	15,395	7,488	7,907	1,112	562	550	---	---	---	1	1	6	---	
Sweetwater.....	2,210	1,310	900	4	2	2	2	8,880	8,880	8,880	1,900	---	900	---	---	---	2	2	---	2,400	

PUBLIC-SCHOOL LIBRARIES

Texarkana.....	4,247	1,763	9	3	12,015	12,015	898	1	1	1	1	898	2,562
Victoria.....	2,450	1,350	4	3	10 14,425	10 13,185	684	1	2	2	2	444	1,500
UTAH													
Provo.....	3,900	1,400	5	2	42,800	15,450	4,000	2,500	1,500	1,500	1,500	1,500	12,278
VERMONT													
Burlington.....	3,338	1,437	8	1	3,550	3,550	200	200	1	1	1	200	999
VIRGINIA													
Charlottesville.....	3,435	1,640	3	2	19,762	6,183	1,101	470	631	3	3	631	4,217
Fredericksburg.....	1,947	1,350	1	2	15,548	4,400	1,763	512	1,231	2	1	1,231	2,483
Martinsville.....	3,023	649	5	2	6,439	1,502	4,937	374	796	2	2	796	1,166
WASHINGTON													
Aberdeen.....	3,471	1,387	8	2	16,124	2,616	2,616	1,741	2,501	2	2	2,501	7,660
Bremerton.....	6,725	4,134	12	3	18,497	18,497	1,109	360	1,109	5	3	1,109	2,120
Hoquiam.....	2,261	1,394	4	1	14,030	9,018	1,940	360	580	3	1	580	9,684
Longview.....	4,388	1,079	4	1	16,556	5,012	8,077	611	247	1	2	247	3,000
Vancouver.....	9,384	3,656	11	3	100,799	80,279	24,087	22,881	1,206	2	2	1,206	3,681
Walla Walla.....	3,320	1,100	7	1	15,803	9,803	6,000	24,087	1,206	12	4	1,206	19,000
Yakima.....	7,211	3,930	9	4	57,396	25,475	31,921	1,741	2,501	2	5	2,501	1,630
WISCONSIN													
Beaver Dam.....	1,566	810	4	1	6,236	6,236	430	430	430	1	1	430	1,189
Beloit.....	5,953	2,395	11	3	39,392	18,247	2,907	1,267	1,640	11	2	1,640	4,714
Chippewa Falls.....	1,715	790	4	2	6,684	6,684	624	624	624	2	2	624	1,512
Cudahy.....	1,372	498	3	1	23,831	7,240	614	423	191	4	4	191	1,407
Manitowoc.....	3,847	2,020	6	3	27,495	16,476	1,316	836	480	5	3	480	3,390
Marinette.....	2,063	1,138	6	3	7,355	7,355	274	274	274	1	1	274	1,246
Menasha.....	1,409	863	4	2	3,950	3,950	100	100	100	1	2	100	1,547
Stevens Point.....	2,175	858	3	1	3,070	3,070	271	271	271	1	1	271	530
Two Rivers.....	1,075	1,100	6	1	16,482	8,182	938	500	438	1	1	438	2,160
Wausau.....	1,277	564	3	1	16,301	6,549	9,752	426	212	3	6	212	1,056
Waukesha.....	4,000	2,150	6	3	19,737	10,183	790	370	420	1	1	420	3,566
Wausau.....	2,576	2,409	9	2	11,465	11,465	856	856	856	2	2	856	2,913
Waunatona.....	4,900	2,500	6	3	39,408	21,900	7,306	1,837	5,469	2	5	5,469	3,296
Wisconsin Rapids.....	2,142	1,198	13	1	11,477	11,477	406	406	406	1	1	406	1,300
WYOMING													
Laramie.....	2,201	1,315	6	1	6,514	6,514	319	319	319	1	1	319	1,150

<sup>10</sup> Volumes for 1 combined elementary-high were not reported.

<sup>1</sup> Includes combined elementary high school libraries.  
<sup>2</sup> Includes expenditures for centralized and all other types of school libraries.





Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

GROUP IV.—CITIES OF 2,500 TO 9,999 POPULATION—Continued

CITY	Enrollment		Schools		Number of schools with centralized libraries		BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals 2				
	Total	Elementary school	High school	Elementary	High	Elementary	High	Number of volumes at end of year		Added in 1947-48		Fewer than 1,000 vol-umes	1,000-2,999 vol-umes	3,000-4,999 vol-umes	5,000 vol-umes or more	Full-time		Half-time or less			
								Total	Elementary schools	High schools	Total								Elementary schools	High schools	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
ILLINOIS																					
Anna: High School Dist.	459		459		1	1	1	5,981		5,981	110		110								\$365
Velvidere.....	1,597	1,119	478	4	1	3	1	8,675	6,108	2,567				3			1	1			1,262
Carbondale.....	1,269	1,269						1,400	1,400		300			3							1,100
High School Dist.....	434		434					4,135		4,135	185										1,750
Carterville: High School Dist.	179		179		1			2,555		2,555	60							1			324
Charleston.....	1,230	830	400	5	1	1	1	5,820	1,275	4,545	732	75	657				1	2			1,571
Chester.....	865	365	500	1	1	1	1	3,520	1,593	1,927	310	33	277				2				504
Collinsville.....	1,702	878	824	6	1	1	1	10,047	4,682	5,365	551	250	301				1	1	2		504
Doion.....	850	850		4		3		4,500	4,500		500	500					3				1,836
DuQuoin: High School Dist.	418		418		1		1	2,870		2,870	160						1				343
Eldorado: Elementary Dist.	760	760		3		1		3,950	3,950		500	500					1				1,400
Galena.....	613	245	368	2	1			2,548		2,548	378						1				975
Geneseo.....	488		488		1			4,043		4,043	172						1				686
Glenview.....	680	680		2		2		3,190	3,190		340	340					2				686
Greenville.....	774	466	308	2	1			2,555		2,555	189						1				1,262
Hillsboro: High School Dist.	448		448		1		1	4,604		4,604	235						1				700
Lemont: Elementary Dist.	247	247		1		1		600	600		100	100					1				200
Liberty.....	600	600		2		2		3,450	3,450		500	500					2				1,250
High School Dist.....	470		470		1		1	3,800		3,800	350						1				1,660



PUBLIC-SCHOOL LIBRARIES

Mendota.....	892	547	345	2	1	1	1	1	4,782	2,270	2,512	133	70	63	2	2	1	608
Mount Olive.....	253	90	163	1	1	1	1	3,450	1,400	2,050	215	200	15	2	2	1	375	
Oregon:.....																		
Elementary Dist.....	460	460	255	1	1	1	1	520	520	4,000	25	25	25	1	1	3	650	
High School Dist.....	255			1	1	1	1	4,000	350	3,450	325	50	100	1	1	2	435	
Paxton.....	1,050	800	250	3	1	1	4	3,800	350	3,450	150	900	900	3	3	1	250	
River Forest.....	744	900	744	4	1	1	1	8,505	8,505	4,825	150	150	150	1	1	1	1,312	
Summit.....								4,825		4,825							866	
Westville.....																		
Elementary Dist.....	470	470	185	3	2	2	2	1,000	1,000	2,051	193	193	193	2	1	3	450	
High School Dist.....	185		665	1	1	1	1	2,051		2,630	319	319	319	1	1	1	583	
Zion.....	665							2,630		2,630							119	
INDIANA																		
Bluffton.....	1,178	845	333	2	1	1	1	6,064	1,367	4,697	133	100	33	1	1	1	350	
Crown Point.....	1,151	626	525	2	1	1	1	4,888		4,888	1,222	1,222	1,222	1	1	1	550	
Decatur.....	1,175	712	463	1	1	1	1	5,054	1,031	4,023	435	193	242	1	1	1	1,148	
East Gary.....	997	252	745	3	1	1	1	2,100		2,100	184	184	184	1	1	1	358	
Franklin.....	1,120	584	536	3	1	1	1	2,586		2,586	277	277	277	1	1	1	571	
Greencastle.....	1,299	713	586	3	1	1	1	4,287		4,287	352	352	352	1	1	1	880	
Lawrenceburg.....	526	403	123	2	1	1	1	380		380	100	100	100	1	1	1	325	
Rushville.....	1,032	570	462	3	1	1	1	3,556		3,556	285	285	285	1	1	1	936	
Union City.....	1,539	382	157	1	1	1	1	4,612	505	4,107	328	37	291	1	1	1	435	
West Terre Haute.....	1,568	1,145	422	6	1	1	1	4,226		4,226	175	175	175	1	1	1	1,211	
Wabash.....	650		650	3	1	1	1	2,165		2,165				1	1	1	435	
West Terre Haute.....	650		650	3	1	1	1	2,165		2,165				1	1	1	435	
Winchester.....	940	640	300	3	1	1	1	6,000		6,000				1	1	1	500	
IOWA																		
Algona.....	1,090	500	500	2	1	1	1	5,000		5,000	114	114	114	1	1	1	935	
Atlantic.....	1,291	750	541	3	1	1	1	4,240		4,240				1	1	1	1,443	
Centerville.....	1,650	1,110	540	5	1	1	4	11,637	6,288	5,249	680	350	300	1	1	2	1,686	
Charlinda.....	1,076	547	329	3	2	1	1	11,814		11,814	231	231	231	1	1	1	1,285	
Clear Lake.....	875	625	250	2	1	1	1	2,400	600	1,800	150	50	100	1	1	2	194	
Decorah.....	1,055	625	430	2	1	1	1	3,695		3,695	145	145	145	1	1	1	1,083	
Perry.....	1,176	696	480	3	1	1	3	10,386	6,643	3,743	1,068	718	350	3	1	1	2,075	
Shenandoah.....	1,300	900	400	5	1	1	1	5,100		5,100	100	25	75	1	1	1	1,332	
Spencer.....	1,409	963	446	4	1	1	4	9,583	5,753	3,830				4	4	1	1,277	
KANSAS																		
Abilene.....	1,344	676	668	3	2	2	2	3,916		3,916	206	206	206	1	1	1	1,587	
Hosington.....	990	654	306	4	1	1	1	4,468	706	3,762	166	68	98	1	1	1	419	
Holtton.....	515	230	285	2	1	2	2	13,390	4,811	8,579	246	188	58	1	1	2	186	
Marcsville.....	850	430	420	2	1	1	1	7,800	3,750	4,050	500	250	250	2	2	1	475	
Paola.....	706	442	264	2	1	1	2	4,715	1,840	2,875	100	60	50	1	1	1	902	
Pratt.....	1,470	820	650	2	2	2	2	6,922	1,100	5,822	390	100	290	2	2	1	326	
Winfield.....	1,963	985	978	5	1	1	1	6,637		6,637	347	347	347	1	1	1	1,208	

<sup>1</sup> Includes combined elementary high school libraries.

<sup>2</sup> Includes expenditures for centralized and all other types of school libraries.



PUBLIC-SCHOOL LIBRARIES

Otsego.....	1,330	1	1	5,950	5,950	359	1	359	984
South Haven.....	1,435	1	1	5,972	5,972	286	1	286	1,239
Trenton.....	1,443	1	1	4,590	2,640	125	2	125	1,231
MINNESOTA									
Alexandria.....	1,692	809	2	8,021	3,972	520	2	250	1,130
Breckenridge.....	674	1	1	5,164	5,164	405	1	405	845
Cloquet.....	1,911	2	2	4,887	3,692	825	2	367	1,217
East Grand Forks.....	779	1	1	5,948	4,496	120	1	198	914
Edina.....	1,306	320	2	6,596	1,231	618	3	494	969
Little Falls.....	1,589	580	3	3,882	5,104	751	3	275	1,555
Stillwater.....	1,575	706	2	3,643	2,036	428	4	253	1,474
MISSISSIPPI									
Grenada.....	1,165	859	1	3,478	3,478	156	1	156	428
Kosciusko.....	1,118	803	2	1,959	1,959	149	1	149	325
Louisville.....	1,060	590	1	3,839	167	167	1	167	446
McComb.....	1,624	840	4	1,459	1,459	77	1	77	595
Oxford.....	1,250	435	1	10,830	2,800	681	2	381	940
MISSOURI									
Boonville.....	1,010	530	2	1,856	1,856	199	1	199	925
Eldon.....	772	386	1	4,050	2,705	400	2	200	1,170
Fostus.....	962	522	1	4,900	3,400	200	1	100	1,400
Fulton.....	1,150	650	3	3,100	3,100	270	1	270	1,800
Marceline.....	602	387	3	1,979	1,979	116	1	116	179
Mexico.....	2,200	1,750	3	4,000	4,000	520	3	120	7,292
Rolla.....	1,420	900	3	5,620	3,070	500	1	400	560
Sikeston.....	2,026	1,581	3	2,750	1,500	500	3	100	800
Warrensburg.....	807	413	3	5,098	3,068	193	1	193	760
MONTANA									
Cut Bank.....	950	700	1	2,300	2,300	500	1	500	750
Havre.....	1,423	948	6	9,048	5,198	420	3	200	1,408
Roundup.....	480	310	2	5,395	2,810	250	2	100	1,350
NEBRASKA									
Broken Bow.....	700	400	2	4,999	4,999	49	1	49	235
Gering.....	978	590	2	5,305	5,305	141	1	141	330
West Point.....	353	353	1	1,964	1,964	50	1	50	107
NEVADA									
Ely.....	700	700	1	2,000	2,000	100	1	100	450
Las Vegas.....	4,450	3,550	11	6,700	1,400	475	2	75	1,500

<sup>1</sup> Includes combined elementary high school libraries.

<sup>2</sup> Includes expenditures for centralized and all other types of school libraries.

Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

## GROUP IV.—CITIES OF 2,500 TO 9,999 POPULATION—Continued

CITY	Enrollment			Schools			Number of schools with centralized libraries			BOOK STOCK IN CENTRALIZED LIBRARIES			NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals <sup>2</sup>			
	Total	Elementary school	High school	Elementary	High	High	Elementary	High	High	Number of volumes at end of year			Total	Elementary schools	High schools	Fewer than 1,000 volumes	1,000-2,999 volumes	3,000-4,999 volumes		5,000 volumes or more	Full-time	Half-time or less
										Total	Elementary schools	High schools										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
NEW JERSEY																						
Audubon	1,780	951	829	2	1	1	1	4,368	1,719	4,368	313	313	313	2	2	1	1	1	1	1	\$504	
Bogota	1,158	689	469	3	1	2	1	3,076	2,394	3,076	160	160	160	1	1	1	1	1	1	1	355	
Boonton	1,620	719	901	2	1	1	1	8,888	6,464	6,464	462	462	462	1	1	1	1	1	1	1	1,077	
Bordentown	1,007	540	467	1	1	1	1	2,480	2,480	2,480	200	200	200	2	2	1	1	1	1	2	455	
Caldwell	2,369	1,268	1,101	4	1	2	1	5,666	1,906	3,760	492	53	439	2	2	1	1	1	1	1	1,150	
East Rutherford	1,390	788	602	4	1	2	1	3,073	3,073	3,073	343	343	343	1	1	1	1	1	1	1	926	
Fort Lee	1,198	572	586	3	1	3	1	8,578	4,102	4,476	693	166	166	1	2	1	1	2	1	1	726	
Highland Park	1,541	984	517	3	1	3	1	8,015	4,149	3,866	570	334	236	1	2	1	1	1	1	1	353	
Metuchen	1,575	265	310	1	1	1	1	4,960	4,960	4,960	302	302	302	1	1	1	1	1	1	1	553	
Newton	1,614	960	654	1	1	1	1	2,331	2,331	2,331	96	96	96	1	1	1	1	1	1	1	559	
Princeton	1,880	878	1,002	2	1	2	1	6,748	2,285	6,748	279	100	170	2	2	1	1	1	1	1	796	
Ramsey	1,483	620	863	1	1	1	1	5,760	1,200	4,560	362	50	312	1	1	1	1	1	1	1	223	
Rockaway	1,791	496	295	1	1	1	1	2,897	2,897	2,897	47	47	47	1	1	1	1	1	1	1	200	
Roselle Park	1,650	1,146	504	3	1	1	1	7,822	3,548	4,274	197	64	133	1	1	2	1	1	1	1	1,118	
Sayreville	1,919	575	344	3	1	1	1	3,254	896	2,358	351	125	226	1	1	1	1	1	1	1	653	
Woodbury	1,995	1,024	971	4	1	1	1	6,083	1,608	4,485	236	68	168	1	1	1	1	1	1	1		
NEW MEXICO																						
Belen	2,283	1,598	685	8	2	2	2	3,247	3,247	3,247	554	554	554	1	1	1	1	2	2	2	1,975	
Deming	1,800	1,100	709	2	1	2	1	7,876	3,700	4,176	505	300	205	2	2	1	1	2	2	2	775	
Lordsburg	1,885	716	169	2	1	1	1	2,700	2,700	2,700	315	315	315	1	1	1	1	1	1	1	1,000	
NEW YORK																						
Albion	1,088	535	553	1	1	1	1	4,138	927	3,211	246	113	133	1	1	1	1	1	1	1	740	
Amityville	1,534	906	628	3	1	2	1	6,864	3,088	3,776	515	315	200	2	2	1	1	1	1	1	888	

PUBLIC-SCHOOL LIBRARIES

Babylon.....	1,050	663	1,050	1	1	3,888	228	228	1	1	1	839
Bailston Spa.....	1,200	537	4,954	1	1	4,954	206	206	1	1	1	910
Bath.....	1,200	1,200	4,770	1	1	4,770	600	600	1	1	1	610
Bronxville.....	1,160	227	15,353	1	1	15,353	815	815	1	1	1	2,029
Canastota.....	1,163	336	3,858	1	1	3,858	242	242	1	1	1	523
Corinth.....	818	357	3,105	1	1	3,105	189	189	1	1	1	711
Fairport.....	1,089	490	6,645	1	2	3,263	3,382	380	1	1	1	1,060
Great Neck.....	1,243	691	3,522	1	1	3,522	260	260	1	1	1	828
Gouverneur.....	4,161	2,486	23,195	1	3	13,882	9,313	855	1,999	2	5	4,320
Hastings-on-Hudson.....	1,331	689	6,144	1	1	2,067	324	100	324	1	2	872
Hoosick Falls.....	627	351	2,934	1	1	2,934	79	79	1	1	1	421
Hudson Falls.....	1,355	967	6,761	1	2	3,543	383	243	1	1	1	859
Lawrence.....	3,743	2,645	8,116	1	1	8,116	544	544	1	1	1	3,776
Pleasantville.....	1,161	619	6,768	1	1	1,558	5,210	544	1	1	1	1,147
Scotia.....	1,817	1,043	12,524	2	2	5,282	7,242	489	1	2	3	2,293
Suffern.....	1,619	883	8,597	1	5	4,786	3,741	953	3	2	1	1,008
Walton.....	1,980	690	1,500	1	1	1,500	100	100	1	1	1	700
Warwick.....	740	400	2,566	1	2	2,566	153	110	1	1	1	737
NORTH CAROLINA												
Albemarle.....	2,069	1,297	14,477	3	1	9,036	5,441	679	476	203	2	1,381
Chapel Hill.....	798	478	8,725	1	1	3,545	5,180	684	389	295	1	973
Laurinburg.....	2,651	1,993	3,203	1	2	3,203	2,803	291	14	277	1	1,589
Lumberton.....	1,856	1,390	9,359	2	2	3,821	5,538	885	400	485	1	1,092
Moorestville.....	2,035	932	12,739	2	2	7,173	5,566	1,004	664	2	1	1,136
NORTH DAKOTA												
Devils Lake.....	1,200	600	7,825	3	2	5,140	2,685	375	200	175	2	1,347
Jamestown.....	1,640	778	9,949	2	2	3,655	1,706	133	70	63	1	889
Mandan.....	867	304	5,215	1	2	1,486	3,729	136	173	1	1	1,603
Valley City.....	950	650	4,900	3	1	1,700	3,200	400	200	200	1	900
OHIO												
Bellefontaine.....	1,619	866	6,147	2	1	2,406	3,741	575	296	2	1	500
Bexley.....	1,646	1,127	8,448	2	2	3,663	4,363	871	488	25	1	1,741
Crooksville.....	649	396	3,160	1	1	363	2,797	488	25	463	1	648
Deer Park.....	1,100	1,000	2,290	2	2	2,290	250	250	250	250	1	546
Denance.....	1,530	830	4,564	1	2	1,425	3,139	285	125	160	2	850
Fairview (P. O. Cleve- land).....	1,186	706	4,175	2	1	950	3,225	300	100	200	1	310
Lebanon.....	1,485	1,100	5,824	3	1	1,560	1,000	225	25	200	1	700
Logan.....	1,350	625	5,824	3	2	1,343	4,481	250	100	150	1	555
North Canton.....	946	562	4,647	1	1	4,647	248	248	1	1	1	354
North College Hill.....	1,100	820	1,124	1	1	1,124	1,010	29	4	25	1	345
North Royalton (P. O. Brecksville).....	716	405	1,575	1	1	1,575	50	50	1	1	1	150
Pomeroy.....	718	362	1,317	2	2	1,317	163	163	1	1	1	556

1 Includes combined elementary high school libraries.  
2 Includes expenditures for centralized and all other types of school libraries.



Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

## GROUP IV.—CITIES OF 2,500 TO 9,999 POPULATION—Continued

CITY	Enrollment			Schools		Number of schools with centralized libraries			BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals?		
	Total	Elementary school	High school	Elementary	High	Elementary	High	Number of volumes at end of year		Added in 1947-48		Fewer than 1,000 volumes	1,000-2,999 volumes	3,000-4,999 volumes	5,000 volumes or more	Full-time	Half-time or less				
								Total	Elementary schools	High schools	Total							Elementary schools		High schools	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
OKLAHOMA																					
Altus.....	1,610	900	710	4	2	2	2	7,712	5,124	7,712	691	106	691	2	1	1	1	1	1	4	\$2,263
Cushing.....	1,425	704	721	5	1	5	1	9,562	4,438	4,438	526	106	420	2	3	1	1	1	1	4	468
Fedortick.....	1,150	650	500	3	2	2	2	3,400	3,400	3,400	500	500	500	2	2	2	2	2	2	2	650
Madill.....	837	452	385	1	1	1	1	10,455	6,631	9,824	462	230	232	3	3	2	2	1	2	2	534
Mangum.....	850	441	409	1	2	1	2	4,080	1,100	2,980	450	100	350	1	3	1	1	2	2	2	500
Pauls Valley.....	1,480	800	630	3	1	1	1	2,215	2,215	2,215	300	300	300	1	1	1	1	1	1	1	850
Pawnee.....	705	465	240	1	1	1	1	2,881	2,881	2,881	152	152	152	1	1	1	1	2	2	2	549
OREGON																					
Dallas.....	1,239	850	389	2	1	2	1	6,172	3,622	2,550	297	132	165	3	3	3	3	2	2	2	567
Grants Pass.....	3,124	1,440	1,684	4	1	2	1	2,689	1,015	1,684	749	321	428	2	2	1	1	2	2	2	1,027
Pendleton.....	1,819	1,050	1,769	3	2	2	2	7,187	364	7,187	364	364	1,025	2	2	2	2	2	2	2	1,160
Roseburg.....	2,409	1,134	1,275	6	2	2	2	6,215	6,215	6,215	1,025	1,025	1,025	1	1	1	1	2	2	2	1,146
PENNSYLVANIA																					
Bridgeville.....	803	387	416	1	1	1	1	4,252	1,793	2,459	280	68	212	2	2	2	2	1	1	1	411
Coplay.....	295	144	151	1	1	1	1	3,740	470	3,740	33	33	33	2	1	1	1	1	1	1	125
East Pitsburgh.....	736	371	365	2	1	2	1	4,880	470	4,410	515	312	203	2	1	1	1	1	2	2	1,030
East Stroudsburg.....	1,070	390	680	1	2	1	2	6,169	186	6,169	186	186	186	1	1	1	1	1	1	1	701
Elizabethtown.....	912	399	513	1	1	1	1	3,897	148	3,897	148	148	148	1	1	1	1	1	1	1	800
Emmaus.....	1,544	1,011	553	4	1	1	1	3,705	3,705	3,705	308	308	308	1	1	1	1	1	1	1	1,070
Fountain Hill (P. O. Bethlehem).....	686	437	249	1	1	1	1	3,139	3,139	3,139	167	167	167	1	1	1	1	1	1	1	425
Freeport.....	760	180	580	1	1	1	1	3,026	1,280	3,026	200	200	200	3	1	1	1	1	1	1	300
Glassport.....	1,150	550	600	3	1	3	1	2,845	1,280	1,565	180	100	80	2	1	1	1	1	4	4	437

PUBLIC-SCHOOL LIBRARIES

Grove City	1,500	800	700	3	1	1	5,478	2,060	3,418	471	100	371	1	1	1	1	1	1	687
Hathoro	900	430	470	1	1	1	5,144		5,144	431	431	431	1	1	1	1	1	1	887
Honestale	1,006	475	531	2	1	1	4,345		4,345	306	306	306	1	1	1	1	1	1	775
Irwin	482		482	1	1	1	3,813		3,813	321	321	321	1	1	1	1	1	1	568
Jenkintown	500	250	250	1	1	1	3,991		3,991	180	180	180	1	1	1	1	1	1	546
Laureldale	1,841	901	940	4	1	1	5,596		5,596	91	91	91	1	1	1	1	1	1	365
McDonald	617	335	282	1	1	1	1,456	310	2,100	210	60	150	1	1	1	1	1	2	324
Manheim	911	376	535	1	1	1	2,416	610	2,806	234	103	131	1	1	1	1	1	1	670
Middletown	1,630	309	321	4	1	1	5,801	1,087	4,774	417	75	342	1	1	1	1	1	3	2,400
Midland	1,286	547	739	3	1	1	5,056	921	4,135	337	184	153	1	1	1	1	1	1	605
Milvale	635	214	421	2	2	2	7,050		7,050	250	250	250	1	1	1	1	1	1	843
Mount Piasant	1,170	600	570	2	1	1	4,410		4,410	278	278	278	1	1	1	1	1	1	582
Muney	769		769	1	1	1	3,830		3,830	130	130	130	1	1	1	1	1	1	383
Oxford	710	250	460	1	1	1	2,502		2,502	106	106	106	1	1	1	1	1	1	800
Palmerton	1,371	637	734	3	1	1	6,070	1,200	4,870	250	250	250	1	1	1	1	1	1	1,107
Patterson	696	302	394	1	1	1	2,350		2,350	50	50	50	1	1	1	1	1	1	250
Somerset	1,577	620	957	2	1	1	9,337	1,135	8,202	425	125	300	1	1	1	1	1	1	1,052
Southwest Greensburg (P. O. Greensburg)	425	285	140	1	1	1	2,550	1,100	1,450	200	50	150	2	2	2	2	2	2	600
Spring City	865	385	480	1	1	1	4,405	965	3,440	275	50	225	1	1	1	1	1	1	1,052
Stroudsburg	1,172	428	744	2	1	2	8,243	2,717	5,526	553	318	235	2	2	2	2	2	2	600
Swoyerville (P. O. Kings- ton)	967	412	555	2	2	2	1,883	413	1,470	120	120	120	2	2	2	2	2	2	600
Tyrone	1,620	687	933	3	1	3	11,782	6,032	5,750	482	232	250	3	3	3	3	3	3	1,453
West Hazleton	1,371	451	920	1	2	2	2,520		2,520	50	50	50	1	1	1	1	1	1	625
Wilson (P. O. Easton)	1,581	796	815	4	1	2	9,326	2,205	7,121	359	150	209	1	1	1	1	1	1	1,343
RHODE ISLAND																			
Warren	1,104	839	265	4	1	1	360		360				1						300
SOUTH CAROLINA																			
Cheraw	786	537	249	1	1	1	2,333	505	1,828	191	65	126	1	1	1	1	1	1	320
Gatney	2,675	1,738	937	4	2	4	8,056	1,400	6,656	1,022	200	822	5	5	5	5	5	5	1,067
Honea Path	811	465	346	2	1	1	4,253	1,714	2,539	139	50	89	2	2	2	2	2	2	470
Felzer	825	525	300	1	1	1	2,140		2,140	126	126	126	1	1	1	1	1	1	263
Williamston	509	202	307	1	1	1	3,603	780	2,823	347	200	147	1	1	1	1	1	1	640
SOUTH DAKOTA																			
Prookings	1,139		1,139	1	1	1	5,826		5,826	335	335	335	1	1	1	1	1	1	407
Madison	800	620	240	3	1	1	4,060	660	4,000	280	80	200	1	1	1	1	1	1	650
TENNESSEE																			
Clinton	680	680		3	1	1	1,850	1,850	500	200	200	100	1	1	1	1	1	1	175
Franklin	875	600	275	1	1	1	2,000	1,500	500	300	200	100	1	1	1	1	1	1	985
Shelbyville	1,450	1,450		4	1	4	10,400	10,400	1,000	1,000	1,000	1,000	4	4	4	4	4	4	1,000

<sup>1</sup> Includes combined elementary high schools libraries  
<sup>2</sup> Includes expenditures for centralized and all other types of school libraries.

Table 13.—Enrollment, total number of schools and number with centralized libraries and expenditures for books and periodicals, 1947-48—Continued

CITY	Enrollment			Schools		Number of schools with centralized libraries		BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals <sup>2</sup>			
	Total	Elementary school	High school	Elementary	High	Elementary	High	Number of volumes at end of year				Added in 1947-48				Full-time or less	Half-time or more				
								Total	Elementary schools	High schools	Total	Elementary schools	High schools								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
TEXAS																					
Ballinger.....	1,099	843	256	2	1	1	1	2,200	500	1,700	350	150	200	1	1	1	2	1	1	\$450	
Beeville.....	1,724	1,394	330	3	1	1	1	4,136	1,102	3,034	363	125	238	2	1	1	1	3	3	722	
Bonham.....	1,290	785	505	3	1	2	1	6,758	1,272	5,486	340	155	185	2	1	1	1	1	1	862	
Cisco.....	1,166	810	356	3	1	1	1	8,290	1,509	6,781	392	313	79	1	1	1	1	1	1	375	
Comanche.....	869	609	260	2	1	1	1	3,599	3,599	3,599	250	250	250	1	1	1	1	1	1	285	
Commerce.....	1,220	800	420	3	1	1	1	3,340	3,340	3,340	300	300	300	1	1	1	1	1	1	669	
Donna.....	2,400	2,150	250	2	1	1	1	3,282	4,280	3,282	300	300	300	1	1	1	1	1	1	1,020	
Electra.....	1,311	988	323	5	1	3	1	5,618	600	5,018	214	284	214	1	3	1	1	2	2	250	
Gatesville.....	1,468	200	268	1	1	1	2	12,009	12,009	12,009	214	214	214	1	1	1	2	2	2	700	
Hillsboro.....	642	1,100	500	3	2	2	2	2,550	2,550	2,550	280	280	280	1	1	1	2	2	2	2,000	
Kerritt.....	1,600	1,100	500	3	2	2	2	2,181	183	1,998	183	183	183	1	1	1	1	1	1	900	
Lockhart.....	1,480	1,100	380	3	1	1	1	4,802	173	4,629	173	173	173	1	1	1	1	2	2	619	
Marfa.....	522	683	139	4	1	1	1	5,776	3,284	2,492	221	179	42	1	1	1	2	2	1	287	
Navasota.....	780	550	230	1	1	1	1	3,381	2,050	1,331	115	115	115	1	1	1	1	1	1	350	
Olney.....	930	670	260	1	1	1	1	3,381	2,050	1,331	115	115	115	1	1	1	1	1	1	377	
Pittsburg.....	850	600	250	1	1	1	1	1,867	1,867	1,867	472	400	72	2	2	1	1	1	1	506	
Rusk.....	785	545	240	1	1	1	1	3,414	4,000	3,414	282	282	282	1	1	1	1	3	3	625	
Scymora.....	1,050	750	375	2	1	1	1	10,000	4,000	6,000	152	152	152	1	2	1	1	1	1	418	
Sonora.....	1,760	1,380	380	6	3	2	1	3,528	3,528	3,528	96	96	96	1	1	1	1	1	1	1,626	
Sulphur Springs.....	2,378	1,191	1,187	4	3	3	1	2,670	2,670	2,670	96	96	96	1	1	1	1	1	1		
Vernon.....																					
VERMONT																					
Bennington.....	1,125	525	600	2	1	1	1	2,800	550	2,250	150	50	100	1	1	1	1	1	1	354	
Windsor.....	835	415	420	1	1	1	1	510	510	510	50	50	50	1	1	1	1	1	1	80	







PUBLIC-SCHOOL LIBRARIES

Mason County	3,246	812	70	8	2	8	16,675	1,675	15,000	1,210	364	846	2	3	1	3	4	10	2,790
Saline County	7,453	1,855	78	4	5	4	31,235	14,951	16,284									14	6,800
INDIANA																			
Kosciusko County	4,596	820	5	13		8	8,352		8,352	494		494	3	5				13	1,009
Monroe County	3,700	3,700	30	4		3	3,700		3,700	130		130	3	3			1	4	13,000
Owen County	1,490	1,050	10	5		5	1,275		1,275	75		75	5					5	750
Posey County	1,865	875	20	4		4	7,200		7,200	500		500	1	2	1			4	100
Spencer County	2,820	620	19	3		3	4,150		4,150	200		200	3	3				3	
IOWA																			
Henry County	2,520	665	38	8		8	4,225		4,225	325		325	7	1				1	401
Palo Alto County	360	360	27		27		3,000		3,000				27						321
KANSAS																			
Harvey County	3,822	700	52	5		5	26,392		26,392	998		998	22	7	1		1		78
Rush County	1,373	774	25	5	25	6	19,006	8,591	10,415						4	1			
Stafford County	2,539	1,161	54	6		6	15,883		15,883										
Stevens County	863	628	235	10	1	2	4,609	2,509	2,100					3					
Wallace County	579	248	331	2	2	2	3,878	481	3,397	266	91	175	3	1					220
KENTUCKY																			
Franklin County	2,390	248	1	4	1	4	7,854	311	7,543	1,076	65	1,011	1	4			1	4	3,000
Madison County	3,296	1,504	24	4	8	4	5,868	1,650	4,218	556	150	406	9	3				12	2,150
McCreary County	4,119	769	50	3		3	4,553		4,553	389		389	1	2				3	1,625
Monroe County	3,174	2,221	953	63		3	3,813		3,813	166		166	1	2				3	540
Rowan County	2,692	2,060	632	39	1	1	3,112	789	2,323	225	64	161	1	1				2	555
LOUISIANA																			
Avoynes Parish	7,553	309	2	13	1	4	14,805	1,527	13,278	699	120	579		2	3		2	12	4,074
Picville Parish	4,618			13		13	24,233		24,233	1,726		1,726	2	8	3			13	2,342
LaFourche Parish	5,352	2,219	26	7	2	7	13,499	4,764	8,735	858	364	494	3	6			2	7	1,652
LaSalle Parish	2,578	1,241	1,337	8	1	3	6,839	1,225	5,614	906	250	656	4				3	3	4,200
MARYLAND																			
Allegany County	15,196	8,238	30	9	6	9	29,607	4,373	25,234	2,210	318	1,892	4	9		2	6	3	7,602
Howard County	3,778	1,743	13	5	1	5	8,739	50	8,689	666	20	646	2	4				7	1,503
MICHIGAN																			
Inghram County	4,600	4,600	97		97		8,500	8,500	3,424	500		500	97						3,000
Lake County	1,000	400	13	2	13	2	7,814	4,390	3,424	984	526	458	13	2					
Missaukee County	2,089	621	13	4	13	4	12,144	3,100	9,044	600	340	260	14	1	2				1,165
Wayne County	12,000	12,000	36		36		32,595	32,595		1,937	1,937		27	7	1	1			5,980

1 Includes combined elementary high school libraries.  
 2 Includes expenditures for centralized and all other types of school libraries.

Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

CITY	COUNTY SYSTEMS—Continued										LIBRARIANS		Expenditures for books and periodicals <sup>2</sup>							
	Enrollment		Schools		Number of schools with centralized libraries		BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE									
	Number of volumes at end of year		Added in 1947-48		Total		Elementary schools		High schools		Fewer than 1,000 volumes			1,000-3,000 volumes		3,000-5,000 volumes or more		Full-time	Half-time or less	
	Total	Elementary school	High school	Elementary	High	Total	Elementary	High	Total	Elementary	High	Total		Elementary	High	Total	Elementary	High	Full-time	Half-time or less
MINNESOTA																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Aitkin County	3,582	1,432	2,150	42	4	4	4	12,078	10,775	12,078	609	1,478	609	1	2	1	1	3	3	\$2,051
Anoka County	6,128	4,025	2,103	42	4	7	4	25,095	14,320	14,320	2,089	1,478	611	2	8	1	1	2	3	4,384
Becker County	4,934	3,340	1,594	109	4	3	4	25,377	14,321	11,056	1,457	927	530	3	3	1	1	4	4	3,616
Beltrami County	4,266	1,776	2,490	58	4	3	4	17,638	4,687	12,951	1,081	611	470	0	0	1	1	6	6	2,381
Benton County	2,502	1,542	960	57	2	2	2	7,438	7,438	7,438	393	393	393	2	2	2	2	2	2	2,082
MISSISSIPPI																				
DeSoto County	1,749	319	1,430	6	4	4	4	3,841	3,841	3,841	359	359	359	10	10	10	10	3	3	2,485
Jones County	5,735	4,216	1,519	21	10	10	10	4,900	4,900	4,900	1,000	1,000	1,000	4	4	4	4	10	10	3,007
Lamar County	3,000	1,800	1,200	13	4	4	4	3,175	3,175	3,175	900	900	900	4	4	4	4	4	4	930
MONTANA																				
Fallon County	673	144	529	21	3	21	3	6,435	1,559	4,876	700	200	500	3	3	3	3	1	1	559
NEBRASKA																				
Rock County	690	445	245	33	2	1	2	895	110	785	45	10	35	3	3	3	3	1	1	175
NORTH CAROLINA																				
Gates County	2,482	1,179	1,303	20	5	5	5	7,466	639	7,466	178	83	178	1	4	4	4	2	2	494
Jones County	3,140	747	2,393	6	5	1	5	11,167	10,528	798	798	83	715	2	3	1	1	6	6	1,367
Folk County	2,114	737	1,377	8	3	2	3	6,421	4,448	4,448	409	191	219	1	4	4	4	4	4	857
Swain County	2,356	1,994	362	6	1	4	4	8,288	6,591	1,697	1,071	1,015	56	1	4	1	1	4	4	2,411
Wake County	14,323	11,766	2,557	44	16	26	16	57,180	33,690	23,490	4,694	2,783	1,911	15	27	27	27	4	4	7,214

PUBLIC-SCHOOL LIBRARIES

NORTH DAKOTA															
Burke County	1,406	35	8	25	6	12,296	3,309	8,987	881	163	718	26	5	43	1,015
Hettinger County	1,385	42	3	37	3	8,726	4,833	3,893	485	420	65	38	2	10	683
McLean County	1,689	86	10	-----	10	11,033	-----	11,033	150	-----	-----	-----	5	-----	-----
OHIO															
Holmes County	3,018	37	9	-----	9	3,970	-----	3,970	520	-----	520	8	1	-----	1,004
Lorain County	5,856	4,913	8	16	8	27,393	3,206	24,187	1,831	305	1,526	-----	-----	16	3,452
Seneca County	3,711	453	6	10	6	21,217	1,041	1,041	986	230	756	7	1	-----	2,948
Tuscarawas County	5,024	3,342	28	11	-----	8,947	-----	8,947	979	-----	979	7	4	11	7,253
OKLAHOMA															
Blaine County	438	197	12	3	12	4,644	2,714	1,930	-----	-----	-----	15	-----	-----	-----
OREGON															
Crook County	1,720	300	10	1	3	5,294	2,968	2,326	800	500	300	1	3	4	1,300
Hood River County	1,967	1,685	10	3	10	7,800	5,000	2,800	300	200	100	12	1	13	14,621
PENNSYLVANIA															
Chester County	15,023	8,561	101	13	4	44,222	9,552	34,670	2,266	842	1,424	2	5	13	5,877
Columbia County	4,493	1,864	2,629	37	10	18,561	18,561	18,561	915	915	2	7	1	10	1,530
Crawford County	9,327	4,930	86	13	-----	22,409	22,409	22,409	955	955	3	8	2	14	2,122
Fayette County	26,823	20,751	6,072	12	12	43,760	43,760	43,760	2,960	2,960	2,960	1	6	18	3,130
Tioga County	6,802	4,526	2,276	18	3	24,791	1,241	23,550	1,324	100	1,224	-----	-----	18	3,452
TENNESSEE															
Clay County	2,306	273	27	2	-----	1,966	-----	1,966	222	-----	222	1	1	-----	994
Hancock County	2,364	1,807	557	45	22	7,566	2,566	5,000	-----	-----	-----	22	2	-----	1,008
Mauzy County	8,000	6,275	56	8	-----	12,739	12,739	12,739	960	6	960	6	2	6	2,460
Scott County	3,916	2,080	1,836	58	4	2,500	-----	2,500	-----	-----	-----	3	1	4	823
TEXAS															
Donley County	248	200	3	1	3	1,350	800	550	600	500	100	4	-----	-----	160
Fayette County	950	450	14	3	-----	650	-----	650	100	100	3	3	-----	5	430
Hardin County	550	200	350	5	-----	1,035	-----	1,035	50	-----	50	-----	1	-----	600
Howard County	528	84	8	1	-----	5,326	4,168	1,158	162	110	52	5	4	-----	488
Maverick County	2,100	1,810	290	6	1	3,018	-----	3,018	108	-----	108	-----	1	1	964
UTAH															
Iron County	2,105	975	5	4	3	12,470	4,767	7,703	866	691	275	1	4	6	1,625
Tooele County	3,071	1,666	8	2	4	8,903	3,429	5,474	570	300	270	4	1	1	1,655
Wasatch County	1,595	650	6	1	-----	2,295	220	2,075	125	25	100	-----	-----	-----	750

<sup>1</sup>Includes combined elementary high school libraries.

<sup>2</sup>Includes expenditures for centralized and all other types of school libraries.

<sup>11</sup>2 schools served by 1 library.

<sup>14</sup>Includes binding.

Table 13.—Enrollment, total number of schools and number with centralized libraries, and expenditures for books and periodicals, 1947-48—Continued

COUNTY SYSTEMS—Continued

CITY	Enrollment			Schools			Number of schools with centralized libraries		BOOK STOCK IN CENTRALIZED LIBRARIES				NUMBER OF CENTRALIZED LIBRARIES, BY SIZE				LIBRARIANS		Expenditures for books and periodicals <sup>1</sup>			
	Total			Elementary			High <sup>1</sup>		Total		Elementary schools		High <sup>1</sup> schools		Number of volumes at end of year					Full-time or less		Half-time or less
	Total	Elementary school	High <sup>1</sup> school	Elementary	High <sup>1</sup> elementary	High <sup>1</sup>	Elementary	High <sup>1</sup>	Total	Elementary schools	High <sup>1</sup> schools	Total	Elementary schools	High <sup>1</sup> schools	Fewer than 1,000 volumes	1,000-3,000 volumes	3,000-4,999 volumes	5,000 volumes or more		Full-time	Half-time or less	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
VIRGINIA																						
Accomac County	5,553	4,041	1,512	32	9	1	9	25,009	1,575	24,034	3,000	75	2,925		7	3		7	3	\$3,488		
Botetourt County	3,216	688	2,578	10	6		6	8,595		8,595	1,245		1,245						5	3,110		
Fauquier County	4,096	2,127	1,969	29	6	9	6	37,942	12,711	25,231	2,531	116	2,415	6	6	2	1	1	5	1,703		
Madison and Greene Counties	1,657	1,375	282	27	1		1	1,662		1,662	159		159		1			1		330		
Wythe County	5,124	1,963	3,221	34	6		6	22,299		22,299	1,768		1,768		5			1	8	2,540		
WASHINGTON																						
Jefferson County	1,841	110	1,731	2	3		3	9,800		9,800	1,050		1,050	1	1				3	2,520		
WEST VIRGINIA																						
Braxton County	4,450	3,600	850	199	3	4	3	18,001	6,789	11,212	800	500	300		5	2			3	3,700		
Gilmer County	2,348	1,583	765	69	5		5	10,015		10,015	355		355		5				5	2,195		
Mineral County	4,718	3,040	1,678	18	6	5	6	22,655	6,260	16,395	1,327	836	491					1	3	3,610		
Putnam County	4,800	3,600	1,200	90	5		5	16,993		16,993	2,000		2,000		2	3		1	4	3,000		
Wyoming County	9,300	7,200	2,100	95	8		8	18,136		18,136	1,100		1,100		5	3		6	6	6,600		
WISCONSIN																						
Chippewa County	3,495	2,445	1,050	104	5		5	5,310		5,310	400		400								3,250	
Kewaunee County	2,154	1,377	677	48	3		3	10,186		10,186	312		312		1	1			7	1,219		

<sup>1</sup> Includes combined elementary high school libraries.

<sup>2</sup> Includes expenditures for centralized and all other types of school libraries.

# Appendix

(Forms used in collecting data)





Form R88-070

FEDERAL SECURITY AGENCY  
OFFICE OF EDUCATION  
WASHINGTON, D. C.

Budget Bureau No. 51-R84-2  
Expiration date 12/31/48.

SCHOOL LIBRARY STATISTICS (1947-48)

Name of city, county, or school district

Name of library supervisor or library director of school system:

Number of assistant library supervisors or directors in the system:

Report prepared by: ..... Title: ..... Date: .....

TO THE SUPERINTENDENT OF SCHOOLS:

The Office of Education is requesting your aid in its third Nation-wide collection of public-school library statistics in a new series. The last collection covered the fiscal year 1941-42, and the data were published as a part of the *Biennial Surveys of Education in the United States, 1938-40 and 1940-42*.

In order that 1947-48 data may be made available to administrators and planners of library programs, please fill out this form as soon as possible, and return one copy to this Office.

The enclosed envelope is for your convenience in returning the form without payment of postage. Your cooperation in this matter will be greatly appreciated.

DO NOT WRITE IN THIS SPACE

S: .....  
C. C. D.: .....  
No.: .....  
C. S.: .....  
E. S.: .....

Very truly yours,  
RALPH I. GRIGSBY, Director  
Division of Auxiliary Services

I. Income:

(A) Library income, 1947-48:

- (1) From local school funds ..... \$.....
- (2) From public library funds ..... .....
- (3) From county funds ..... .....
- (4) From State funds ..... .....
- (5) From gifts (P. T. A.; school organizations; individuals) ..... .....
- (6) From other sources (specify) ..... .....
- (7) Total ..... .....

(B) From school budget not expressly allocated to the school library ..... .....

(C) Total income for library service ..... \$.....

II. Expenditures:

(A) Library budget expenditures, 1947-48:

- (1) For salaries ..... \$.....
- (2) For books and pamphlets ..... .....
- (3) Periodicals and newspapers ..... .....
- (4) For binding and rebinding ..... .....
- (5) For audio-visual materials ..... .....
- (6) For equipment ..... .....
- (7) For other purposes including supplies ..... .....
- (8) Total ..... \$.....

(B) Library expenditures not on library budget, 1947-48:

- (1) Salaries or prorated portion of salaries ..... \$.....
- (2) Other (specify) ..... .....
- (3) Total ..... \$.....

(C) Total expenditures for library service. \$.....

Item (1)	Total for all schools (2)	Elementary school only <sup>1</sup> (3)	High school only <sup>2</sup> (4)	Combination elementary- high school (5)
<b>III. Librarians:</b>				
(A) Number of librarians with specified training in library science (no person counted twice): <sup>3</sup>				
(1) Full-time: <sup>4</sup>				
(a) 24 semester hours <sup>5</sup> or more . . . . .				
(b) 6-23 semester hours . . . . .				
(c) Less than 6 hours or no special training . . . . .				
(2) At least half-time (½ of each school day or equivalent):				
(a) 24 semester hours or more . . . . .				
(b) 6-23 semester hours . . . . .				
(c) Less than 6 hours or no special training . . . . .				
(3) Less than half-time:				
(a) 24 semester hours or more . . . . .				
(b) 6-23 semester hours . . . . .				
(c) Less than 6 hours or no special training . . . . .				
(B) Total number of schools served by librarians . . . . .				
<b>IV. Number of schools with:</b>				
(A) Centralized libraries only <sup>6</sup> (in individual schools) . . . . .				
(B) Classroom collections only <sup>7</sup> . . . . .				
(C) Library materials borrowed only from nonschool agencies (such as public library <sup>8</sup> or State library)				
(D) Library materials borrowed only from a central school library agency <sup>9</sup> of city or county school system . . . . .				
(E) Any combination of A, B, C, D . . . . .				
(F) No library books from any source . . . . .				
(G) Total (number of schools in system) . . . . .				
<b>V. Total enrollment in schools with:</b>				
(A) Centralized libraries only (in individual schools) . . . . .				
(B) Classroom collections only . . . . .				
(C) Library materials borrowed only from nonschool agencies (such as public library or State library) . . . . .				
(D) Library materials borrowed only from a central school library agency of city or county school system . . . . .				
(E) Any combination of A, B, C, D . . . . .				
(F) No library books from any source . . . . .				
(G) Total (enrollment of schools in system) . . . . .				
<b>VI. Number of volumes:<sup>10</sup></b>				
(A) Centralized libraries (in individual schools):				
(1) As of June 30, 1947 . . . . .				
(2) Added in 1947-48 . . . . .				
(3) Withdrawn in 1947-48 (discarded and lost) . . . . .				
(4) Total number of volumes (add lines 1 and 2 minus line 3) . . . . .				

(B) Classroom collections only:				
(1) As of June 30, 1947 . . . . .				
(2) Added in 1947-48 . . . . .				
(3) Withdrawn in 1947-48 (discarded and lost) . . . . .				
(4) Total number of volumes (add lines 1 and 2 minus line 3) . . . . .				
(C) Central school library agency collections for the school system not counted in (A) or (B):				
(1) As of June 30, 1947 . . . . .				
(2) Added in 1947-48 . . . . .				
(3) Withdrawn in 1947-48 (discarded and lost) . . . . .				
(4) Total number of volumes (add lines 1 and 2 minus line 3) . . . . .				
(D) Total (should be the sum total of VI (A) + (B) + (C)) . . . . .				
VII. Number of centralized libraries by size (in individual schools):				
(A) Less than 999 volumes . . . . .				
(B) 1,000-2,999 volumes . . . . .				
(C) 3,000-4,999 volumes . . . . .				
(D) 5,000 volumes or more . . . . .				
(E) Total (should check with IV (A)) . . . . .				
VIII. Number of schools offering group instruction in library usage to the student body . . . . .				

IX. Audio-visual aids stock:

(A) Total number of the following audio-visual aids administered by centralized libraries in individual schools:				
(1) Mounted still pictures and photographs . . . . .				
(2) Slides and/or filmstrips . . . . .				
(3) Motion picture films . . . . .				
(4) Phonograph records (78 r. p. m.) . . . . .				
(5) Transcription-type recordings (33½ r. p. m.) . . . . .				
(B) Total number of the following audio-visual aids in central school library agency collections of the city or county school system not counted in IX (A) above:				
(1) Mounted still pictures and photographs . . . . .				
(2) Slides and/or filmstrips . . . . .				
(3) Motion picture films . . . . .				
(4) Phonograph records (78 r. p. m.) . . . . .				
(5) Transcription-type recordings (33½ r. p. m.) . . . . .				

X. Control (Item IV (A))—Centralized libraries only:

(A) Number controlled by a school board (or other group of school officials) . . . . .				
(B) Number controlled by a public library board . . . . .				
(C) Number controlled by a combination of school board (or group of school officials) and public library board . . . . .				
(D) Total (should check with Item IV (A)) . . . . .				

XI. Number of centralized libraries reported in Item IV (A) which are used by the community as public libraries for adults and/or children . . . . .

XII. Number of centralized libraries reported in Item IV (A) which are open to children for summer vacation reading . . . . .

FOOTNOTES

- <sup>1</sup> Junior high school housed with elementary school included here.
- <sup>2</sup> All types, including separate junior high school.
- <sup>3</sup> Enter librarians serving in more than one school under one school type only. Do not include library supervisors and assistant supervisors or library directors and assistant directors here. Enter at top of form. Enter number of schools served by librarians in III (B).
- <sup>4</sup> A full-time librarian is one who devotes all of the time during a school day to library service.
- <sup>5</sup> A semester hour is defined as the equivalent of one recitation per week for a semester (18 weeks). If credits are in term or quarter hours, transpose them to semester hours by multiplying by ¾.
- <sup>6</sup> Centralized library is one administered as a unit and usually located in one place. It makes books available to all the pupils and teachers of the school. (Include here schools served by centralized libraries but which have kindergartens and lower elementary grades served by classroom collections only.)
- <sup>7</sup> A classroom collection is a group of library books permanently housed in a single classroom and not administered from a centralized library.
- <sup>8</sup> A public library is one which provides free library service of a general nature to the people of its community.
- <sup>9</sup> A central school library agency is one administered as a unit and usually located in one place. It is designed to make books available to all the pupils and teachers of the school system, city, or county. Materials centers and curriculum laboratories administered through the library should be included here.
- <sup>10</sup> A volume is any printed work, bound or unbound, which has been recorded or cataloged and made available for library use. Do not count sets of textbooks and sets of supplementary readers.

## *List of Other Publications of the Office of Education Containing Statistics on School Libraries*

Commissioner of education. Annual reports, 1870 to 1886-87; 1892-93; 1895-96; 1899-1900; 1903. 21 v.

Data for school libraries are contained in the tables for libraries in the following annual reports: 1870, Table XVII; 1871, Table XIV; 1872, Table XIV; 1873, Tables XV and XVI; 1874, Tables XVI and XVII; 1875, Table XVI; 1876, Table XVI; 1877, Table XVI; 1878, Table XVI; 1879, Table XVI; 1880, Table XVI; 1881, Table XVI; 1882-83, Table XVI; 1883-84, Table XVI; 1884-85, Table XVI (Reprinted with additions, 1886); 1885-86, Table 88; 1886-87, Tables 101 and 102; 1892-93, V. I., Table, p. 756-63; 1895-96, V. I., Table, p. 370-521 (Reprinted 1897); 1899-1900, V. I., Table, p. 946-1165 (Reprinted 1901 and 1903); 1903, V. I., Table p. 780-1017 (Reprinted 1904).

General statistics of all public libraries in the United States. *In* Public libraries in the United States of America. Special report, Chap. XXXIX, p. 1110-1174. 1876.

Statistics of public libraries in the United States and Canada [1891]. Western Flint. Circular of information, 1893, No. 7. 213 p.

Statistics of public, society, and school libraries, 1908. (Bulletin 1909, No. 5.) 214 p.

Public, society, and school libraries [1913]. (Bulletin 1915, No. 25.) 257 p.

Statistics of public, society, and school libraries, 1923. (Bulletin 1926, No. 9.) 179 p.

Statistics of public, society, and school libraries, 1929. (Bulletin 1930, No. 37.) 365 p.

Biennial survey of education, 1916-18. Vol. 4. *In its* Statistics of public high schools, 1917-18, Chap. II, p. 185-187 (Bulletin 1919, No. 91).

Biennial surveys for succeeding years containing library data in their statistical reports of public high schools follow: 1920-22, Vol. 2, Chap. VI, Table 1, p. 534 (Bulletin 1924, No. 14); 1922-24, Chap. XXIV, Table 1, p. 800 (Bulletin 1926, No. 23); 1924-26, Chap. XXIII, p. 1046-47 (Bulletin 1928, No. 25); 1926-28, Chap. XXIV, Table 57, p. 1055 (Bulletin 1930, No. 16); 1928-30, Vol. II, Chap. VI, p. 695 (Bulletin 1931, No. 20); 1932-34, Chap. V, p. 15 (Bulletin 1935, No. 2); 1934-35, Vol. II, Chap. V. (Bulletin 1937, No. 2); 1941-42, Vol. II, Chap. VIII (Vol. 1938-40 and 1940-42).





# INDEX

## A

Additions to buildings, State school systems, expenditures, 2: 84-85

Administration, expenditures: City school systems, 3: 12-13; higher institutions, 4: 46-47, 50-51; Negro public schools, 2: 108; State school systems, 2: 78-79

Administration, research, and services by the Office of Education, 1: 46

Administrative units: Elementary and secondary grades, number, 1: 1, 18-19; 2: 2-3; intermediate and ultimate or basic units, State school systems, 2: 32-33; Negro schools, number, 2: 102

Adult education: City school systems, 3: 16, 20; State school systems, 2: 52-53

Aggregate daily attendance, public day schools, city school systems, 3: 18-23

Aggregate days attended, full-time day schools, 2: 56-57; 3: 24-85

Agricultural education: Federal funds, 1: 46; federally aided classes, enrollment, 1: 48

Agricultural experiment stations, Federal funds, 1: 46

Agricultural extension service, Federal funds, 1: 46

Agriculture: Enrollment in federally aided classes, 1: 48; undergraduate and graduate enrollment, 4: 78-79

Agriculture and mechanic arts, Federal funds, 1: 46

Aid to private schools for Negroes, auxiliary services, current expenditures, 2: 108

Alaskan natives, Federal funds for schools, 1: 46

All-day vocational classes, federally aided, enrollment, 1: 48

Americanization, night, and continuation schools, city school systems, 3: 16

Annual expenditures for education: Per pupil in average daily attendance, 1: 30-31; State school systems, 2: 88

Annuity funds, higher institutions, 1: 47, 4: 63, 88-89, 100-105

Architecture, undergraduate and graduate enrollment, 4: 78-79

Arts and Sciences: Resident College enrollment, 1: 34; undergraduate and graduate enrollment, 4: 78-79

Attendance: Public-school systems, 3: 24-85; white and Negro schools, 1: 41; 2: 107

Attendance and personnel: City school systems, 3: 18-23; State school systems, 2: 32-33

Attendance and school term, public elementary and secondary schools for Negroes, 2: 27-28

Audio-visual aids, expenditures: Higher institutions, 6: 17, 20-21; school libraries, 8: 6-7

Austria, international pupil correspondence, 1: 14

Auxiliary enterprises and activities, institutions of higher education, 4: 43, 48-51; 86-87

Auxiliary services, expenditures: City school systems, 3: 11-13; Negro public schools, 2: 108; State school systems, 2: 80-81

Average annual salaries: Public-school teachers, 1: 13, 30-31, 33; State school systems, 2: 4-7

Average daily attendance: City school systems, 3: 4-5, 24-85; State school systems, 1: 5, 32; 2: 7-14, 30-31, 56-59, 98, 106, 109

Average enrollment per school, nonpublic secondary schools, 7: 3-4

Average expenditures, white and Negro schools, 1: 41

Average length of school term: Full-time public elementary and secondary day schools, 2: 12, 60-61; Negro public schools, 2: 106; white and Negro schools, 1: 8, 41

Average membership, full-time public elementary and secondary day schools, 2: 56-57

Average number of days attended: Full-time public elementary and secondary day schools, 1: 28-29; 2: 12; 3: 18-23; white and Negro schools, 1: 8, 41

Average number of days in session, public elementary and secondary school systems, 1: 33

Average pupil-teacher load: Nonpublic secondary schools, 7: 3; white and Negro schools, 1: 8

Average salary of teachers, 1: 49; white and Negro schools, 1: 8, 41

Average value of school property, State school systems, 2: 91

## B

Bachelor's degrees, number granted, 1: 26, 34, 48; 4: 8, 26, 28, 55, 57, 60-65

Badger, Henry G., and others: Statistics of Higher Education, 1947-48, 4: 1-105

Balance on hand, State school systems, 2: 70

Basis or ultimate administrative units containing Negro schools, number, 2: 102

Beust, Nora E., and others: Statistics of Public-School Libraries, 1947-48, 8: 1-74

Biennial increases in income for education, by source, 1: 44

Binding, expenditures, higher institutions, 6: 17, 20-21

Blind: Residential schools, 5: 11; special schools and classes: enrollment and staff, 5: 20-21, 24-25, 28-29, 32-33, 36-37, 40-41, 44-45, 48-49, 52-53, 56-57, 60-61, 64-65, 68-69, 72-73

Blind and partially seeing: Residential schools, enrollment, number, and staff, 5: 13; special schools and classes, enrollments, 5: 12-15; historical summary, 5: 10; number, 5: 13; staff, 5: 13, 14-15

Blose, David T., and others: Statistics of State School Systems, 1947-48, 2: 1-117; and Foster, Emery M.: Statistical Summary of Education, 1947-48, 1: 1-50

Boards of education, staff, by State, 2: 32-33

Bonded indebtedness: City school systems, 3: 14-15; State school systems, 2: 94-95

Bonds and sinking funds, city school systems, 3: 23

Bonds outstanding, public-school systems, 3: 24-85

Book circulation, higher institutions, 6: 6-9, 16, 20-21

Book stock: Centralized libraries, 8: 10-27; higher institutions, 6: 4-6, 20-45

Book values of physical plant, higher institutions, 4: 100-105

Books, pamphlets, newspapers, binding and rebinding, school libraries, expenditures, 8: 6-7

Books and other supplies for the blind, Federal funds, 1: 46

Books and periodicals, higher institutions, expenditures, 6: 17, 20-21

Buildings, public elementary and secondary schools, State school systems, cost value, 2: 90, 91

Busses, State school systems, expenditures, 2: 84-85

## C

Cafeteria workers, number, public schools, 2: 40-41, 101  
 Canada, teacher exchange, 1: 14  
 Canal Zone Junior College: Instructional staff, enrollment, and degrees, 1: 48  
 Capital funds, institutions of higher education, value, 8: 49, 52-53  
 Capital outlay: City school systems, 3: 11-12, 14-16; libraries, higher institutions, 6: 17, 20-45; Negro public schools, expenditures, 3: 109; public schools, 1: 30-31; 3: 24-85; State school systems, 2: 23-24, 84-85, 94-95  
 Carpenters, painters, etc., number, public schools, 2: 40-41, 101  
 Carr, Margaret J. S., and others: Statistics of Higher Education, 1947-48; 4: 1-105  
 Catholic schools: Number of schools, teachers, and pupils, 2: 116-117; 7: 10-11  
 Centralized libraries: Number, 8: 10-68; percentage distribution by educational level, 8: 7; trends, 8: 3-5  
 Chief State school officers and professional staff, 2: 36-37  
 Circulation of books, libraries, higher institutions, 6: 8-9, 16, 22-45  
 City school district, bonded indebtedness and capital outlay, 3: 14-15  
 City school systems: Number, 1: 15; special schools and classes for exceptional children, 5: 1-2, 5-8, 10; statistics, 3: 1-85  
 City universities, colleges, and professional schools, comparative summary of personnel, 3: 19  
 Civilian population, percent enrolled in publicly and privately controlled day schools and colleges, 1: 23  
 Classification of city school systems, 3: 1-2  
 Classification of libraries, by size of place, 8: 2  
 Clerical assistants: Full-time public elementary and secondary day schools, 2: 38-39; 3: 24-85; Negro public elementary and secondary schools, 2: 99; State school systems, 2: 32-33, 36-37, 78-79  
 College enrollment and population, 1: 36  
 Colleges: Graduates, number, 1: 4, 26, 36, 42-43; libraries, number, 1: 15  
 Colleges, universities, and professional schools: Expenditures, 1: 45; number, 1: 16-17; libraries, 6: 14, 16-19  
 Columbia Institution for the Deaf, Federal funds, 1: 46  
 Combination schools, percent served by centralized libraries, 8: 4-5  
 Commercial schools, private, number, 1: 15  
 Community services, State school systems, current expenditures, 2: 80-81  
 Comparative data on attendance and expenditures, white and Negro schools, 1: 41  
 Compulsory school attendance, 1: 13-14  
 Consolidation of schools, summary, 1: 2  
 Contributions from public sources, higher institutions, 4: 40-41  
 Correspondence and extension courses, higher institutions, enrollment, 1: 12, 48  
 Cost of physical property, 1: 11, 30-31, 47; 2: 90  
 County and local taxes and appropriations, public elementary and secondary school systems, 1: 32  
 County governments, revenue, city school systems, 3: 9-10  
 County normal schools, growth and decline, 4: 6-7  
 County school systems, number, 1: 35  
 Coverage of city school systems, 3: 2  
 Crippled: Home and hospital instruction, enrollment, 5: 18-19, 76-82; *residential schools*, enrollment, number, and staff, 5: 13; *special schools and classes*; Enrollment, number, and staff, 5: 12-15, 20-21, 24-25, 28-29, 32-33, 36-37, 40-41, 44-45, 48-49, 52-53, 56-57, 60-61, 64-65, 68-69, 72-73; historical summary, 5: 10

Current expenditures: City school systems, 3: 11-13; full-time day schools, 3: 24-85; higher institutions, 4: 46-51, 92-97; Negro public schools, 2: 108; per pupil in average daily attendance, 1: 45; per pupil, city school systems, 3: 13-14; public elementary and secondary day schools, 1: 30-31; State school systems, 2: 68-69, 78-83; white and Negro schools, 1: 8, 41  
 Current income: Higher institutions, 2: 27, 33-39, 82-87  
 Current receipts per capita of total population, higher institutions, 4: 32-33  
 Custodial employees, number, public schools, 2: 40-41

## D

Daily expenditures: Negro public schools, 2: 109; State school systems, 2: 88, 89  
 Day-unit vocational classes, federally aided, enrollment, 1: 48  
 Deaf: *Residential schools*, enrollment, 5: 11; *special schools and classes*, enrollment and staff, 5: 20-21, 24-25, 28-29, 32-37, 40-41, 44-45, 48-49, 52-53, 56-57, 60-61, 64-65, 68-69, 72-73  
 Deaf and hard-of-hearing: *Residential schools*: Enrollment, number and staff, 5: 13; *special schools and classes*, enrollment, 5: 12, 14-15; historical summary, 5: 10; number, 5: 13; staff, 5: 13, 14-15  
 Debt funds, State school systems, 2: 92  
 Debt retirement, State school systems, 2: 86-87  
 Debt services: City school systems, 3: 11-12; Negro public schools, expenditures, 2: 109  
 Degrees granted, higher institutions, number, 1: 12, 26, 34, 48; 4: 8-9, 23, 26, 28-29, 45, 55, 60-65  
 Delicate: *Home and hospital instruction*, enrollment, 5: 18-19, 76-82; *residential schools*: Enrollment, number and staff, 5: 13; *special schools and classes*: Enrollment and staff, 5: 13, 16-17, 22-23, 26-27, 30-31, 34-35, 38-39, 42-43, 46-47, 50-51, 54-55, 58-59, 62-63, 66-67, 70-71, 74-75; historical summary, 5: 10; number, 5: 13; staff, 5: 13, 16-17  
 Delinquent, residential schools, 5: 11  
 Dental hygienists, number, public schools, 2: 40-41, 101  
 Dentistry: Undergraduate and graduate enrollment, 4: 78-79  
 Dentists, number, public schools, 2: 40-41, 101  
 Distribution of expenditures, city school systems, 3: 11-13  
 Distributive education, Federal funds, 1: 46, 48  
 District of Columbia, public schools, Federal funds, 1: 46  
 Doctor's degrees, number granted, 1: 26, 34; 4: 26, 29, 55, 57, 60-65  
 Dunbar, Ralph M., and others: Statistics of Public-School Libraries, 1947-48, 8: 1-74

## E

Earned degrees conferred, number, 4: 57  
 Education a "Big Business," 2: 26-27  
 Elementary and secondary schools—*non-public*: Enrollment, 1: 3; number, 1: 15; sources of income, 1: 44; teachers and enrollment, 2: 29; *public*: Finance, 1: 30-31; 2: 15-27; length of school term, attendance and enrollments, ratios, 1: 28-29; men teachers, percent, 2: 42-43; Negroes, statistics, 2: 98-100, 103-104, 110; receipts from taxation and appropriations, 1: 45; retirement funds, 1: 50; State school systems, expenditures, 2: 88; statistics, 1: 32-33; 2: 1-117  
 Elementary schools: Administrative units, number, 1: 18-19; attendance, 2: 56-61; Catholic, number of schools, teachers, and pupils, 2: 116-117; centralized libraries, 8: 7-68; enrollment, 1: 2-3, 21-24; 2:

- 46-51, 54-55; expenditures, 1: 45; home and hospital instruction, exceptional children, 5: 18-19, 76-82; instructional staff and clerical assistants, 2: 38-39; libraries, number, 8: 10-27; Negro enrollment, 1: 40; nonpublic, number, 1: 16-17; number, 1: 16-17; personnel, 3: 18-19
- Elementary schools and kindergartens, nonpublic:** Enrollment, 2: 113-114; teachers, number employed, 2: 111-112
- Employees, Negro public elementary and secondary schools, 2: 101**
- Endowment and other nonexpendable funds, higher institutions, 6: 55, 100-105**
- Endowments, higher institutions, 4: 36-38, 41, 53, 82-87, 100-105**
- Engineering, undergraduate and graduate enrollment, 4: 78-79**
- Enrollment:** Adult and part-time education, city school systems, 3: 16; Catholic elementary and secondary schools, 2: 116-117; Catholic secondary schools, 7: 10-11; city school systems, 3: 2-3; elementary and secondary schools, 8: 28-68; elementary schools, 1: 23; exceptional children, special schools and classes, 5: 12; federally aided vocational classes, 1: 48; full-time day schools, 1: 2-3, 21-22; 2: 44-51; 3: 24-85; higher institutions, 4: 72-77; home and hospital instruction, 5: 18-19, 76-82; junior colleges, 1: 37; Negro public elementary and secondary day schools, 1: 40; 2: 27, 103-105; nonpublic elementary and secondary schools, 2: 29; nonpublic schools, 2: 113-114; nonpublic secondary schools, 4: 6-7; 7: 2, 8-10; 1, 2, and 3-teacher schools, State school systems, 2: 62-63; per teacher; State school systems, 1: 5; public elementary and secondary day schools, 1: 24, 28-29, 32; 2: 7-13, 30-31, 98; 3: 18-23; public high schools, 1: 39; residential schools for exceptional children, 5: 11; secondary schools, 1: 5, 25; special schools and classes, city school systems, 5: 5-8, 10; summer schools, 1: 37; 2: 52-53; 3: 17; white and Negro public schools, 2: 107
- Epileptics:** *Home instruction*, enrollment, 5: 18-19, 76-82; *residential schools*, 5: 11, 13; *special schools and classes*, enrollment, 5: 12, 16-17; enrollment and staff, 5: 22-23, 26-27, 30-31, 34-35, 38-39, 42-43, 46-47, 50-51, 54-55, 58-59, 62-63, 66-67, 70-71, 74-75; historical summary, 5: 10; number, 5: 13; staff, 5: 13, 16-17
- Equipment:** School libraries, expenditures, 8: 6-7; State school systems, expenditures, 2: 84-85, 90, 91
- Evaluation of credentials, 1: 14**
- Evening schools, vocational classes, federally aided, enrollment, 1: 48**
- Exceptional children:** *Residential schools*, number, 1: 15, 16-17; *special schools and classes*, 5: 1-82
- Expenditures** Centralized libraries, 8: 10-68; city school systems, 3: 7-9, 11-16, 21-22; federally aided vocational classes, 1: 48; higher institutions, 1: 35; 4: 8, 45-49, 52, 59-99; 6: 9-11, 22-45; library service, 8: 6-9; Negro public schools, 2: 28, 109; per pupil in average daily attendance, 1: 30-31; public elementary and secondary schools, 1: 10, 32, 45; 2: 17, 30-31, 86-89; State school systems, 2: 20-27, 84-85; summer schools, 2: 52-53; 3: 17, vocational rehabilitation, 1: 50
- Extended school services, Federal funds, 1: 46**
- Extension courses, higher institutions, 1: 37; 4: 48, 50-51**
- F**
- Faculty, higher institutions, 4: 56-57, 60-65**
- Farr, Maude, and others:** Statistics of Higher Education, 1947-48, 4: 1-105
- Federal expenditures for education, 1: 11, 46**
- Federal Government:** Revenue receipts—City school systems, 3: 9-10; higher institutions, 4: 82-87; State school systems, 2: 76-77
- Federal oil and mineral royalties, Federal funds, 1: 46**
- Federal schools for Indians, 1: 21, 38, 45-46**
- Federally aided vocational classes:** Enrollment, 1: 48; growth, 1: 11-12
- Finances:** Higher institutions, 1: 7; 4: 55; Negro public schools, 2: 28; public elementary and secondary education, 1: 30-31; 2: 15-27, 30-31
- Fiscal data, city school systems, 3: 18-23**
- Fixed charges:** City school systems, 3: 11-12; Negro public schools, expenditures, 2: 109; State school systems, current expenditures, 2: 82-83
- Foster, Emery M., and Blose, David T.:** Statistical Summary of Education, 1947-48; 1: 1-50; and Mishoff, Willard O.: Statistics of Libraries in Institutions of Higher Education, 1946-47, 6: 1-49; and Smith, Rose Marie: Statistics of Nonpublic Secondary Schools, 1947-48, 7: 1-11; and others: Statistics of City School Systems, 1947-48, 3: 1-85; Statistics of Higher Education, 1947-48, 4: 1-105; Statistics of Public-School Libraries, 1947-48, 8: 1-74; Statistics of State School Systems, 1947-48, 2: 1-117
- 4-year high schools, nonpublic, statistics, 7: 2**
- France, teacher exchange, 1: 14**
- Free textbooks, State school systems, expenditures, 2: 78-79**
- Fuel, light, power, etc.:** Expenditures, Negro public schools, 2: 108; State school systems, 2: 80-81
- Full-time day schools:** City school systems, expenditures, 3: 21; public, 2: 14, 30-31, 38-39, 44-51, 54-55, 58-61; public and private, 1: 2-3, 21-22; State school systems, current expenditures, 2: 82-83
- Full-time equivalent of instructional staff, higher institutions, outlying parts of the United States, 1: 48**
- Fund and plant values, higher institutions, 4: 49-50, 52-53**
- Funds functioning as endowments, higher institutions, 4: 88-89, 100-105**
- Future Farmers of America, activities, 1: 11-12**
- G**
- General control, expenditures, city school systems, 3: 11-12**
- Germany, instructional pupil correspondence, 1: 14**
- Gifts and grants for nonexpendable funds, higher institutions, 4: 44-45, 88-89**
- Gifts for education, 1: 10, 44**
- Grade distribution of pupils, nonpublic secondary schools, 7: 4, 8**
- Graduates:** Higher institutions, 1: 42-43, 4: 8-9, 14, 42-81; nonpublic secondary schools, 7: 4, 6-8; 8: 9; public secondary schools, 2: 13, 52-53; public secondary schools for Negroes, 1: 40; 2: 98-105; secondary schools, number, 1: 43; secondary schools and colleges, 1: 3-4, 26
- Great Britain, teacher exchange, 1: 14**
- Gucwa, Anne D., and others:** Statistics of State School Systems, 1947-48, 2: 1-117
- H**
- Hard-of-hearing, special schools and classes, enrollment and staff, 5: 20-21, 24-25, 28-29, 32-33, 36-37, 40-41, 44-45, 48-49, 52-53, 56-57, 60-61, 64-65, 68-69, 72-73**
- Harris, Catherine, and others:** Statistics of Special Schools and Classes for Exceptional Children, 1947-48, 5: 1-82
- Health:** Employees, number, public schools, 2: 40-41; promotion, Negro public schools, current expenditures, 2: 108; services, State school systems, current expenditures, 2: 80-81



Herlihy, Lester B., *and others*: Statistics of City School Systems, 1947-48, 3: 1-85

High schools: Centralized libraries, 8: 4-5; degrees granted, Negroes, 1: 9; enrollments, 1: 3, 5; 2: 9-11; graduates, 1: 3-4, 26-27, 43; growth, 1: 39. *See also* Secondary schools

Higher institutions: Enrollment, 1: 21-22, 37, 42; libraries, statistics, 1: 12-13; 6: 1-49; Negroes, survey of statistics, 4: 7-9; number, 1: 15, 38; 4: 2-3; 6: 14 outlying parts of the United States, 1: 12, 48; physical property and value of funds, 1: 47; staff, by type of work, 4: 66-71; sources of income, 1: 44; statistics, 4: 1-105; enrollment, by classification and sex, 4: 72-77; trends, 4: 4-9. *See also* Universities, colleges, and professional schools

Historical summary: Higher institutions, 4: 55; special schools and classes for exceptional children, 5: 10-11

Home and hospital instruction, exceptional children, 5: 8

Home economics: Enrollment in federally aided classes, 1: 46, 48; 4: 78-79

Home instruction, exceptional children, 5: 12, 18-19, 76-82

Home use, book circulation, libraries, higher institutions, 6: 16

Honorary degrees, number granted, 1: 34

Hospital instruction, exceptional children, enrollment, 5: 12, 18-19, 76-82

Hours per week open for circulation, libraries, higher institutions, 6: 8-10

Howard University, Federal funds, 1: 46

## I

Improvement to buildings, State school systems, expenditures, 2: 84-85

Income: Higher institutions, 4: 8, 26-27, 30-45, 55; public elementary and secondary school systems, 1: 32; publicly and privately controlled institutions, sources, 1: 9-10, 44; 4: 58; State school systems, 2: 71-73

Indians, Federal schools, enrollment, 1: 21, 45-46

Instruction: City school systems, expenditures, 3: 12-13; full-time day schools, 3: 24-85; Negro public schools, current expenditures, 2: 108; nonpublic secondary schools, by religious affiliation or control, 7: 9; State school systems, current expenditures, 2: 78-79

Instructional staff: City school systems, salary expenditures, 3: 7-9; full-time day schools, 2: 38-39; 3: 24-85; higher institutions, outlying parts of the United States, number, 1: 48; Negro public elementary and secondary day schools, 1: 40; 2: 28, 98-99; nonpublic secondary schools, 7: 2, 6-7; public elementary and secondary education 2: 4-7; white and Negro, public schools, 2: 107

Insurance and judgments, State school systems, current expenditures, 2: 82-83

Interest and bond accounts, State school systems, 2: 93

Interest payments: City school systems, 3: 11-12; Negro public schools, 2: 109; public elementary and secondary day schools, 1: 30-31; 2: 25; State school systems, 2: 24, 86-87

Interlibrary loans, higher institutions, 6: 16

Intermediate administrative units, State school systems, 2: 2-3, 32-33

International educational relations, 1: 14

## J

Janitors, engineers, etc.: Negro public elementary and secondary schools, 2: 101, 108; public schools, 2: 40-41

Junior colleges: Book stock, number, etc., 6: 14, 16-19; enrollment, 1: 7, 21, 37; 4: 6, 13-15, 25; finances, 4: 36-37, 50-51, 58-59; growth, 1: 39, number, by control, 4: 2-3; plant expansion, 4: 52, 91, 90; staff, 4: 10-11, 56-57

Junior high schools, number, 1: 8

Junior-senior high schools, number, 1: 8; growth, 1: 39

## K

Kindergarten and elementary schools, enrollment, 2: 50-51

Kindergartens: Enrollment, 1: 21-22; teachers, number, 1: 38

## L

Laboratory equipment, furniture and fixtures, State school systems, expenditures, 2: 84-85

Land, buildings, and equipment, public elementary and secondary schools and for institutions of higher education, value, 1: 47

Land-grant colleges and universities, Federal appropriations, 1: 46

Law, undergraduate and graduate, enrollments, 4: 78-79

Length of school term: Negro public schools, 2: 106; public elementary and secondary day schools, 1: 28-29; State school systems, 1: 4-5; white and Negro public schools, 2: 107

Length of school year, city school systems, 3: 5-6, 18-23

Liabilities and disbursements, State school systems, 2: 27

Librarians: Centralized libraries, 8: 10-68; school, percent employed full time, 8: 8

Libraries: Higher institutions, 1: 12-13; 4: 47, 50-51; 6: 1-49; private and special, number, 1: 15; public, number, 1: 15; public-school, statistics, 8: 1-74; school and college, number, 1: 15

Library books, State school systems, expenditures, 2: 84-85

Library service, expenditures, 8: 6-7

Lind, Clarence G., *and others*: Statistics of City School Systems, 1947-48, 3: 1-85

Loans and bond sales, State school systems, nonrevenue receipts, 2: 74-75

Local government, income of higher institutions, 4: 82-87

Local sources of revenue, city school systems, 3: 10-11

Lunches, school. *See* School lunch program.

## M

Maintenance: City school systems, 3: 11-13; Negro public schools, 2: 108; State school systems, 2: 80-81

Martens, Elise H., *and others*: Statistics of Special Schools and Classes for Exceptional Children, 1947-48; 5: 1-82

Master's degrees, number granted, 1: 26, 34, 48; 4: 8, 26, 28, 55, 57, 60-65

Medicine, undergraduate and graduate enrollment, 4: 80-81

Men teachers: City school systems, 3: 6-7; public elementary and secondary schools, 2: 42-43, 100

Mentally deficient: *Residential schools*, 5: 11, 13; *special schools and classes*: Enrollment, 5: 12, 16-17; enrollment and staff, 5: 10; 5: 22-23, 26-27, 30-31, 34-35, 38-39, 42-43, 46-47, 50-51, 54-55, 58-59, 62-63, 66-67, 70-71, 74-75; number, 5: 13; staff, 5: 13, 16-17

Mentally gifted: *Residential schools*, 5: 2; *special schools and classes*: Enrollment, 5: 12, 16-17; enrollment and staff, 5: 13, 22-23, 26-27, 30-31, 34-35, 38-39, 42-43, 46-47, 50-51, 54-55, 58-59, 62-63, 66-67, 70-71, 74-75; historical summary, 5: 10; number, 5: 13; staff, 5: 13, 16-17

Mishoff, Willard O., and Foster, Emery M.:  
Statistics of Libraries in Institutions of  
Higher Education, 1946-47, 6: 1-49

## N

National forest and grazing funds, 1: 46  
National Training School for Boys, Federal  
funds, 1: 46  
Negro and white schools: Cooperative data  
on attendance and average expenditures,  
1: 41; enrollment, 2: 107  
Negroes: Higher institutions, 1: 42; 4: 7-9;  
nonpublic secondary schools, 7: 5, 8-9;  
public elementary and secondary schools,  
2: 27-28, 98-101, 108, 110  
New Farmers of America, activities, 1: 12  
Noncollegiate departments of colleges, number  
of instructors, by sex, 1: 38  
Nonemergency funds for education, 1: 46  
Nonpublic schools: Enrollment, 1: 3, 15;  
2: 113-114; number, 1: 16-17; State  
school systems, current expenditures, 2:  
80-81; teachers, 2: 29, 111-112  
Nonpublic secondary schools, statistics, 7:  
1-11  
Nonrevenue receipts, State school systems,  
2: 74-75  
Normal schools, county, growth and decline,  
4: 6-7  
Normal schools and teachers colleges, en-  
rollment, 1: 21-22; number, 1: 38  
Nursery schools and kindergartens, city  
school systems, personnel and attendance,  
3: 18  
Nurses, public-school, number, 2: 40-41, 101  
Nursing schools, number, 1: 15-17, 21; 4:  
80-81

## O

Office of Education, Federal appropriations  
for education, 1: 46  
1-, 2-, and 3-teacher schools, State school  
systems, number, 2: 62-63, 105  
1-room 1-teacher schools, number, 2: 15,  
64-65  
1-teacher schools, number, 1: 17-19; 2:  
15, 62-63  
Operating expenditures: City school systems,  
3: 11-13; higher institutions, 6: 17, 18,  
20-21; State school systems, 2: 36-37,  
80-81, 108  
Organized research, higher institutions,  
4: 48, 50-51  
Outlays for new building sites and new  
equipment, State school systems, 2: 86-87

## P

Panama Canal Zone, Federal funds for pub-  
lic schools, 1: 46  
Part-time, evening, and summer schools,  
number, 1: 3  
Part-time schools, city school systems, 3:  
11-12, 16, 22  
Part-time vocational classes, federally aided,  
enrollment, 1: 48  
Partially seeing, special schools and classes,  
enrollment and staff, 5: 20-21, 24-25,  
28-29, 32-33, 36-37, 40-41, 44-45, 48-49,  
52-53, 56-57, 60-61, 64-65, 68-69, 72-73  
Payment of bonds from current funds and  
sinking funds, State school systems, 2:  
86-87  
Per capita cost: Public elementary and sec-  
ondary schools, 1: 5, 33; State school  
systems, 2: 89  
Per capita income, higher institutions, 4:  
30-33  
Per pupil expenditures, State and city school  
systems, 1: 10-11  
Permanent endowments, public elementary  
and secondary schools and for higher in-  
stitutions, value, 1: 47  
Permanent school funds, State school sys-  
tems, 2: 76-77, 92-93

Personnel: City school systems, 3: 18-25;  
libraries, higher institutions, 6: 11-12,  
18; State, intermediate, and ultimate or  
basic units, 2: 3; State offices of educa-  
tion, 2: 36-37  
Pharmacy, undergraduate and graduate, en-  
rollment, 4: 80-81  
Physical property: Higher institutions,  
value, 1: 47; 4: 49, 52-53, 55; value of  
funds, 1: 11  
Physicians, number, public schools, 2: 40-41,  
101  
Plant and plant funds, higher institutions,  
4: 100-105  
Plant expansion, higher institutions, 4: 49,  
52, 99  
Plant fund income, higher institutions, 4: 44  
Plant operation and maintenance, higher  
institutions, 4: 47, 50-51  
Polytechnic Institute of Puerto Rico, in-  
structional staff, enrollment, and degrees,  
1: 48  
Population: 5-17 years of age, 2: 54-55; 14-  
17 years of age, 1: 25; 18-21 years of  
age, 1: 36  
Population and student enrollment, higher  
institutions, 4: 5-7, 21-23  
Principals: City school systems, salaries,  
3: 7-9, 24-85; public elementary and  
secondary schools, 2: 38-39, 99; State  
school systems, salaries, 2: 78-79  
Private and parochial schools: Enrollment,  
2: 113-114; teachers employed, number,  
2: 111-112  
Private and special libraries, number, 1: 15  
Private commercial and business colleges:  
Enrollment, 1: 21-22; number, 1: 15;  
teachers, number, 1: 38  
Private gifts and grants, higher institutions,  
4: 32-33, 36-37, 39, 41-42, 44-45, 58,  
82-89  
Private schools for Negroes and for auxil-  
iary services, current expenditures, 2: 108  
Privately controlled institutions: Enroll-  
ment, 1: 21-22; expenditures, 1: 45;  
sources of income, 1: 44  
Privately controlled higher institutions:  
Current expenditures, percentage analysis,  
4: 50-52, 96-97; current income, 4: 36-  
37, 50-51, 86-87; enrollment, 4: 6, 12-15,  
24-25, 76-77; expenditures, 4: 99; fac-  
ulty, students, and degrees, 4: 64-65;  
number, 1: 16-17; 4: 2-3; private gifts  
and grants to endowment and other non-  
expendable funds, 4: 88-89; property, 4:  
104-105; receipts for plant expansion,  
4: 91; staff, by type of work, 4: 70-71  
Professional and technological schools: Book  
circulation, 6: 16; book stock and num-  
ber, 6: 14; expenditures, 6: 17, 18; library  
personnel, 6: 18, 19  
Professional schools: Enrollments, 1: 34;  
4: 78-79  
Property, higher institutions, value, 1: 35;  
4: 8, 59, 100-105  
Public and nonpublic schools, enrollment, 1:  
2-3, 25; expenditures, 1: 10  
Public day schools, full-time, enrollment, 2:  
49  
Public elementary and secondary education:  
Administrative organization, 2: 1-117;  
average daily attendance, 2: 14; average  
length of school terms and school atten-  
dance, 2: 60-61; cost of physical property  
and value of funds, 1: 47; enrollment, 1:  
24; 2: 7-13, 44-45, 50-55; expenditures,  
2: 88; financial data, 1: 30-31; 2: 15-  
27; for Negroes, 2: 27-28, 98-101, 103-  
104, 110; instructional staff, 2: 4-7;  
length of school term, 1: 28-29; men  
teachers, percent, 2: 42-43; receipts from  
taxation and appropriations, 1: 45; re-  
tirement funds, 1: 50; 2: 26; statistical  
summary, 1: 32-33, 2: 30-31  
Public funds for education, 1: 10, 44  
Public high schools: Enrollment, 1: 3; grad-  
uates, 2: 13, 50-51; growth, 1: 39



- Public libraries: Current expenditures, 2: 80-81; number, 1: 15
- Public property used for public elementary and secondary school programs, State school systems, cost value, 2: 90
- Public schools: District of Columbia, Federal funds, 1: 46; health employees, number, 2: 40-41; libraries, statistics, 8: 1-74; number, 1: 16-17; 2: 64-65; Panama Canal Zone, Federal funds, 1: 46; salaries of teachers, 1: 13
- Public secondary schools, number, 1: 15
- Public source of income, higher institutions, 4: 40-41
- Publicly and privately controlled education, expenditures, 1: 45
- Publicly controlled higher institutions, current expenditures, 4: 36-37, 50-51, 84-85, 94-95; enrollment, 4: 12-15, 24-25, 74-75; expenditures for plant expansion, 4: 52, 99; faculty, students, and degrees, 4: 62-63; number, 1: 16-17; 4: 2-3; private gifts and grants to endowments and other nonexpendable funds, 4: 88-89; property, 4: 102-103; receipts for plant expansion, 4: 91; source of income, 1: 44; staff, by type of work, 4: 68-69
- Publicly controlled junior colleges, enrollment, 4: 6
- Publicly controlled schools, full-time, enrollment, 1: 21-22
- Pupil correspondence, international, 1: 14
- Pupil-teacher ratio: City school systems, 3: 4-5, 24-85; public elementary and secondary schools, 2: 15; summer schools, city school systems, 3: 17; white and Negro elementary secondary schools, 1: 41
- Q**
- Questionnaire, library statistics of higher institutions, 6: 46-49
- R**
- Receipts: Higher institutions, 1: 35; 4: 8, 58, 91; public elementary and secondary education, 1: 45; 2: 15-17; State school systems, 2: 18-20, 70, 72-75
- Receipts and balances: City school systems, 3: 20; State school systems, 2: 26-27
- Recreational workers, number, public schools, 2: 40-41, 101
- Refunding current indebtedness, State school systems, 2: 94-95
- Regional and district administrative and supervisory personnel, State school systems, 2: 36-37
- Regional distribution of enrollment, higher institutions, 4: 14-15
- Regular public high schools, growth, 1: 39
- Religious affiliation or control, nonpublic secondary schools, 7: 3, 9, 10
- Rent, State school systems, current expenditures: 2: 82-83
- Reorganized public high schools, growth, 1: 39
- Research work, higher institutions, current expenditures, percentage analysis, 4: 50-51
- Reserved books, libraries, higher institutions, 6: 16
- Resident college enrollment, 1: 34; 4: 7, 12-15, 55-57, 60-65, 72-77
- Resident instruction, higher institutions, 4: 10-11, 46-47, 50-51
- Residential schools for exceptional children, number, 1: 15-17, 21-22, 38, 44; 5: 2-3, 11
- Resources and receipts, State school systems, 2: 26-27
- Retirement funds, State school systems, 1: 50; 2: 25-26, 96-97
- Revenue receipts: City school systems, 3: 9-11; public elementary and secondary school systems, 1: 30-32; State school systems, 2: 30, 72-73, 76-77
- Rural residents, percent enrolled in publicly or privately controlled day schools or colleges, 1: 23
- S**
- Salaries: Administrative workers, State school systems, 2: 78-79; expenditures, city school systems, 3: 7-9, 24-85; instructional staff, State school systems, 2: 4-7, 78-79, 108; library staff, higher institutions, 6: 17, 20-21; operation of plant, State school systems, 2: 80-81; public-school teachers, 1: 13; school libraries, expenditures, 8: 6-7; superintendents, supervisors, principals, and teachers, expenditures, 1: 32; teachers, 1: 49
- Sales and services, higher institutions, 4: 36-37, 42, 82-87
- Sales of property and insurance adjustments, State school systems, nonrevenue receipts, 2: 74-75
- School attendance: City school systems, 3: 3-4; full-time public elementary and secondary day schools, 2: 60-61
- School bonds and other forms of school indebtedness, State school systems, 2: 82-83, 94-95
- School funds, permanent, State school systems, 2: 92-93
- School indebtedness, State school systems, 2: 24-25, 94-95
- School land: State school systems: Number of acres, 2: 93; value, 2: 92
- School libraries, number, 1: 15; 8: 10-27
- School lunch program, 1: 13, 46; 2: 15, 68-69, 74-77, 80-81, 108
- School property, 1: 30-32; 2: 24, 30-31, 110; 3: 14, 23
- School retention rates, 1: 9
- School term, length: Negro public schools, 2: 106; public elementary and secondary day schools, length, 1: 28-29
- School year, length, city school systems, 3: 4-5
- Schoolhouses, number, 1: 32; 2: 30-31
- Schools, nonpublic, secondary, number, 7: 2
- Schools of nursing: Enrollment, 1: 21; number, 1: 15-17
- Secondary education, nonpublic teachers and enrollment, 2: 29
- Secondary grades: Administrative units, number, 1: 18-19; exceptional children, home and hospital schools, enrollment, 5: 12, 18-19, 76-82
- Secondary schools: Average daily attendance, 2: 56-59; average length of school term and school attendance, 2: 60-61
- Catholic, number of schools, teachers, and pupils, 2: 116-117; centralized libraries, 8: 7-8, 28-68; city school systems, comparative summary of personnel, 3: 19; enrollment, 1: 21-22, 24; 2: 46-51, 54-55, 113-114; exceptional children, 5: 8; expenditures, 1: 45; libraries, number, 8: 10-27; number, 1: 8, 15-17; statistics, 7: 1-11; teachers, number employed, 2: 38-39, 111-112. *See also* High schools
- Secondary schools for Negroes: Enrollment, 2: 49, 103-104; number, 2: 110; statistical summary, 2: 98; teachers, number, 2: 99
- Senior high schools, 1: 8; growth, 1: 39
- Short courses, higher institutions, 1: 48
- Short-term indebtedness, State school systems, 2: 86-87, 94-95
- Sinking funds: Public elementary and secondary schools, value, 1: 47; State school systems, amount, 2: 93
- Sites and buildings: Elementary and secondary schools, expenditures, 1: 22; State school systems, expenditures, 2: 84-85
- Sites used for public elementary and secondary school purposes, State school systems, cost value, 2: 90
- Small schools, State school systems, 2: 13-15

- Smith, Rose Marie, and Foster, Emery M.: Statistics, of Nonpublic Secondary Schools, 1947-48, 7: 1-11
- Socially maladjusted, special schools and classes, historical summary, 5: 10
- Sources of income for reduction, 1: 9-10, 44
- Special and unclassified enrollment, higher institutions, 4: 72-77
- Special schools and classes for exceptional children, statistics, 5: 1-82
- Special students in arts and sciences and certain professional schools, 4: 20
- Special types of students, higher institutions, enrollment, 4: 21-23
- Speech-defective: Residential schools for exceptional children, enrollment, number, and staff, 5: 13; special schools and classes, 5: 12-15, 20-21, 24-25, 28-29, 32, 33, 36-37, 40-41, 44-45, 48-49, 52-53, 56-57, 60-61, 64-65, 68-69, 72-73.
- Staff: Higher institutions, 1: 6-7, 34, 42; 4: 7, 9-11, 55, 66-71; 6: 20-45; non-public secondary schools, 7: 8
- State and city school systems, per pupil expenditures, 1: 10-11
- State boards of education, 2: 2, 32-33
- State contributions to retirement, current expenditures, 2: 82-83
- State Government: Revenue from, city school systems, 3: 9-10; higher institutions, 4: 82-87
- State office of education, personnel, 2: 3, 36-37
- State school systems: Selected data, 1: 4-5; statistics, 2: 1-117
- State support, public schools, 1: 5
- State taxes and appropriations, receipts, 1: 32
- Statistical Summary of Education, 1947-48 (Blose and Foster), 1: 1-50
- Statistics of City School Systems, 1947-48 (Herlihy, Lind, and Foster), 3: 1-85
- Statistics of Higher Education, 1947-48 (Badger, and others), 4: 1-105
- Statistics of Libraries in Institutions of Higher Education, 1946-47 (Mishoff and Foster), 6: 1-49
- Statistics of Nonpublic Secondary Schools, 1947-48 (Smith and Foster), 7: 1-11
- Statistics of Public-School Libraries, 1947-48 (Beust, and others), 8: 1-74
- Statistics of Special Schools and Classes for Exceptional Children, 1947-48 (Martens, and others), 5: 1-82
- Statistics of State School Systems, 1947-48 (Blose, and others), 2: 1-117
- Status of retirement funds, public elementary and secondary schools, State school systems, 2: 96-97
- Story, Robert C., and others: Statistics of Higher Education, 1947-48, 4: 1-105; Statistics of Special Schools and Classes for Exceptional Children, 1947-48, 5: 1-82
- Student fees, 1: 10; higher institutions, 1: 44; 4: 36-37, 39-40, 82-87
- Student loan funds, higher institutions, 4: 53, 88-89, 100-105
- Students, higher institutions, 4: 11-23, 60-65, 78-79
- Subsidies from educational foundations, State school systems, 2: 74-77
- Subsistence allowances, veterans in training, 1: 50
- Summer schools: City school systems, 3: 11-12, 17, 20-22; enrollment, 1: 3; higher institutions, 1: 12, 34, 48; 7: 12-13, 24-25, 60-71; State school systems, 2: 52-53, 86-87, 109
- Superintendents and professional staffs, State school systems, 2: 32-33
- Supervisors: City school systems, expenditures for salaries, 3: 7-9; full-time day schools, 2: 24-85; number, Negro public elementary and secondary schools, 2: 99
- Supervisors, principals, and teachers, number, city school systems, 3: 6-7, 16-17
- Supplies, operation of plant, State school systems, current expenditures, 2: 80-81
- Supplies, school libraries, and other instructional expense, full-time day schools, 3: 24-85

## T

- Teachers: City school systems, expenditures for salaries, 3: 7-9; full-time public elementary and secondary day schools, 2: 28-39; higher institutions, number, 1: 38; men, percent, public elementary and secondary day schools, 2: 42-43; non-public elementary and secondary schools, number, 2: 29, 111-112; number, 1: 5; 2: 99; number per supervisor and per principal, city school systems, 3: 7; public-school, number, 1: 7-8, 32; 2: 30-31; retirement, 1: 14; salaries, State school systems, 2: 28, 78-79; 3: 24-85
- Teachers colleges and normal schools: Enrollment, 4: 25; expenditures, 1: 45; 4: 50-52, 58-59, 99; faculty, students, and degrees, 4: 56-57; income, 4: 36-37, 91; library statistics, 6: 14, 16-19; number, by control, 4: 2-3; resident college enrollments, 4: 13-15; resident instructional staff, number, 4: 11; staff, number, 4: 10-11
- Teacher exchange, 1: 14
- Teachers: Higher institutions, number, 1: 12; State school systems, number, 2: 52-53; 66-67, 102; supplies, State school systems, expenditures, 2: 78-79
- Teachers' salaries, 1: 5; public-school, 1: 13; State school systems, 1: 5
- Textbooks: Free to all pupils, 3: 24-85; Negro public schools, 2: 108
- Third week of fall term, enrollment, higher institutions, 4: 15, 18
- 3-teacher schools, State school systems, number and enrollment, 2: 62-63
- Trade and industry: Federal funds, 1: 46, 48
- Transfers to sinking funds, State school systems, 2: 86-87
- Transportation of pupils, 1: 2; employees, number, 2: 40-41, 101; number of pupils and cost, 1: 18-20; State school systems, 2: 23, 64-65, 80-81, 108, 110
- Trends, higher education, 4: 4-9
- Truants or behavior problems: Residential schools for exceptional children, enrollment, number, and staff, 5: 13; special schools and classes, enrollment, 5: 12, 16-17, 22-23, 26-27, 30-31, 34-35, 38-39, 42-43, 46-47, 50-51, 54-55, 58-59, 62-63, 66-67, 70-71, 74-75; number, 5: 13; staff, 5: 13, 16-17.
- Tuition, equipment, supplies, and materials, vocational rehabilitation, expenditures, 1: 50
- 2-teacher schools, number and enrollment, 2: 62-63

## U

- Ultimate or basic administrative units, State school systems, 2: 2-3, 32-33, 66-67
- Undergraduate enrollment, higher institutions, 4: 72-81
- Undivided high schools, 1: 8; growth, 1: 39
- Unexpended plant funds, higher institutions, 4: 100-105
- Unit costs, white and Negro public schools, 2: 107
- U. S. Marine Schools, Federal funds, 1: 46
- U. S. Military Academy, Federal funds, 1: 46
- U. S. Naval Academy, Federal funds, 1: 46
- Universities, colleges, and professional schools: Current expenditures, 4: 50-51; current income, 4: 36-37; enrollment, 4: 24; faculty, students, and degrees, 4: 56-57; income, expenditures, and property, 4: 58-59; number, 1: 38; 4: 2-3; plant expansion, 4: 13-15, 52, 91, 99; resident instructional staff, number, 4: 10-11. See also Higher institutions

University of Alaska, instructional staff, enrollment, and degrees, 1:48  
 University of Hawaii, instructional staff, enrollment, and degrees, 1:48  
 University of Puerto Rico, instructional staff, enrollment, and degrees, 1:48  
 Urban residents, percent enrollment in publicly or privately controlled day schools or colleges, 1:23

## V

Value of permanent school funds, 2:93  
 Value of school property, 1:11, 15, 32; 2:30-31; city school systems, 3:14, 23; higher institutions, 4:55; Negro public elementary and secondary schools for Negroes, 2:110  
 Veterans of World War II: Enrollment, higher institutions, 4:20-23, 60-65, 72-

77; fees, higher institutions, 4:32-33, 36-37, 39; income from Federal Government, higher institutions, 4:82-87  
 Vocational classes: Federally aided, 1:48; operated under State plans, 1:48  
 Vocational education: Federally aided, 1:11-12, 46; State school systems, revenues, 2:74-77  
 Vocational rehabilitation: Expenditures, 1:50; Federal funds, 1:46

## W

White and Negro schools: Comparative data on attendance and average expenditures, 1:41; enrollment, public schools, 2:107  
 Willhoite, Mary M., and others: Statistics of Public-school Libraries, 1947-48; 8:1-74











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