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ABSTRACT

This report summarizes data obtained for the National Center for Education Statistics (NCES) in a survey of the courses taught in public secondary schools of the 50 states and the District of Columbia during the 1972-73 school year. Questionnaires were mailed to a sample of 8,489 schools throughout the nation offering course work in any or all of grades 7-12; the schools selected were generally representative by size, type, and location of schools within each state. In addition to examining course organization and curricular practices, the main thrust of the survey was to elicit the titles and number of courses being offered by secondary schools and to determine the number of pupils who availed themselves of these offerings. The main purpose of the report is to provide up-to-date information to the respondent schools and state education agencies, although the historical comparability of the data was also considered. Appendix A provides technical information on how the data were collected and analyzed, and Appendix B contains a reproduction of the 18-page questionnaire that was completed by the respondent schools. (Author/JG)

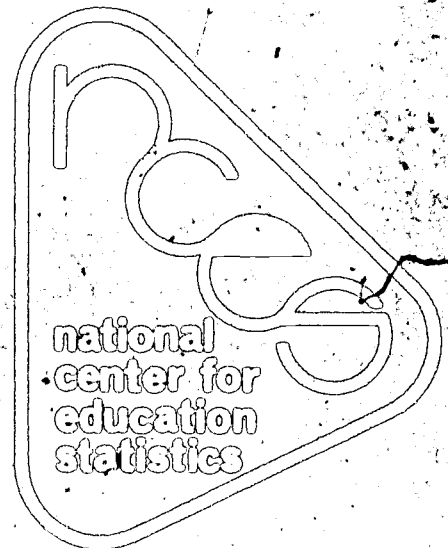
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Summary of Offerings and Enrollments in Public Secondary Schools, 1972-73

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HIGHLIGHTS

Secondary school enrollment. Enrollment in secondary schools with grade 7 or above increased from an estimated 11,700,000 pupils to over 18,100,000 pupils between 1960-61 and 1972-73, the most recent years in which surveys of course offerings and enrollments were conducted by the U.S. Office of Education. The number of such schools remained in the 22,000 to 23,000 range during the same period.

Number of courses. In the early 1970's, more than 2,000 differently designated courses were reported being taught in grades 7 to 12 of the public secondary schools in the United States. This compares with about 1,100 courses reported in the 1960-61 predecessor survey.

Courses offered. Traditional courses continue to be offered by 45 percent or more of the secondary schools, including English in each of the grades from 7 to 12, public speaking, U.S. history, world history, grade 7 math, elementary and advanced general math, elementary and intermediate algebra, plane geometry, biology, chemistry, physics, Spanish I and II, French I, health and/or physical education in each of the grades from 7 to 12, choir, band, art, home economics I, type-writing I, driver education, bookkeeping I, and short-hand I.

The proportions of pupils enrolled in these courses have decreased, presumably because there are so many other choices available. The alternatives are in a sequence of short course offerings of current interest, such as ethnic literature, American Indian problems, the U.S. Constitution, and intergroup relations.

Trends in course enrollments. Enrollments in ancient history, grade 9 community civics, problems of democracy, general science, and Latin have declined sharply since 1960-61, but sociology, consumer education, earth-space sciences, environmental courses, and drama courses are increasingly absorbing the attention of high school pupils in the United States.

Subject areas. English language arts and social sciences remain as the two subject areas in which course enrollments represent 100 percent or more of total pupils enrolled in grade 7 to 12 schools. The greatest excess of course enrollments over total pupils is found in English language arts, where it has increased from 10.6 percent in 1960-61 to 29.6 percent in 1972-73.

Between 1948 and 1972, the percentage of grade 7 to 12 pupils enrolled in each subject area remained generally stable or moved upward except in music, which went from 36.0 to 42.2 to 32.9 percent, respectively, in each of the survey years of the period.

Summary of Offerings and Enrollments in Public Secondary Schools, 1972-73

by
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FOREWORD

Surveys of offerings and enrollments in high school courses have been conducted periodically by the U.S. Office of Education since 1890: annually from 1890 to 1906, then in school years 1910-11, 1915-16, 1922-23, 1928-29, 1934-35, 1948-49, and 1960-61. More frequent surveys and studies, planned during the 1960's when there was much ferment in the school curriculum area, did not prove feasible. Very few State education agencies maintain data on this educational component, and collection of data from individual schools, as in the present survey, involves much planning, communication with all levels of the educational establishment, and considerable cost, so this activity was delayed until the 1972-73 school year, 12 years after the preceding survey.

This report summarizes the 1972-73 data and trends in high school courses for the 50 States and the District of Columbia. A more detailed report is being prepared to provide similar data on each State and on secondary schools by size and grade level.

These data were obtained from a sample of schools teaching secondary courses in grade 7 or above in each State. The aggregation of the inflated data from each State sample provided National estimates. In addition to course organization and curricular practices, the main thrust of the survey was to elicit the titles and number of courses being offered by secondary schools and to determine the number of pupils who availed themselves of these offerings during the 1972-73 school year.

The present report continues the policy of attempting to preserve the historical values of the survey, but the user should note that conclusions to be gleaned from historical data are occasionally precarious. Titles change over time, and a new title may or may not mean new content or a different approach to subject matter. Differences may not be statistically significant, and number changes must always be related to the increased size of the enrollment between surveys. Also, the method of combining course titles for convenience in presenting tables, as has been done in each of the surveys, differs from survey to survey. The main purpose of the report is to present up-to-date information rather than to provide a fully comparable series, although historical comparability had been considered throughout the survey.

The National Center for Education Statistics (NCES) appreciates the cooperation of some 8,000 secondary school principals, school district personnel, and State education agency officials who supplied the data for this survey. Without them, this report could not have been made available.

The mailing, receipt-control, data editing, and tabulation functions for this survey effort were performed by Applied Management Sciences, Inc., of Silver Spring, Md. Thanks are due also to Abraham Frankel, of NCES, for his technical services and advice as sampling specialist and statistical methods coordinator. Diane B. Gertler was responsible for initial development stages of the project until her recent retirement.

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INTRODUCTION

This report summarizes data obtained for the National Center for Education Statistics (NCES) in a mail survey of courses being taught in public secondary schools of the 50 States and the District of Columbia during the 1972-73 school year. Questionnaires were mailed to a sample of 8,489 schools throughout the United States offering course work in any or all of the grades 7-12; these schools were generally representative of secondary schools by size, type, and location within each of the States. No comparable data had been collected since 1960-61, by the U.S. Office of Education, although similar surveys were conducted at varying intervals since 1890.

This summary report is issued mostly to provide generalized feedback to respondent schools and State education agencies. A number of State education agency officials and high school principals responding to the questionnaire requested early information concerning the types of courses being offered by comparable schools throughout the country. A more comprehensive analysis is expected to be published as soon as all technical operations and analyses have been completed. The later report will relate courses offered and numbers of students enrolled in each State to specific types, sizes, and localities of schools, with supplementary tabulations of selected curricular practices.

CHARACTERISTICS OF SCHOOLS REPRESENTED IN THE SURVEY

The survey of public secondary school course offerings was planned to include only schools with grade 7 or above. Consequently, not represented in this study were grade 7 and 8 enrollments of 19,703 elementary schools and 1,897 combined elementary and secondary schools that included lower grades. The estimated grade enrollments of pupils in the 22,737 schools with no grades under 7 were as follows:

Grade 7	2,413,000
Grade 8	2,536,000
Grade 9	3,685,000
Grade 10	3,657,000
Grade 11	3,243,000
Grade 12	2,853,000
Ungraded: Handicapped	118,000
Other	65,000
Postgraduate	7,000

Of the total schools for which data are presented in the tables, 2,625 were located in the 64 largest cities of the United States (1970 Census population over 200,000).

Separate data will be available ^{1/} for these large-city schools in tables comparable to table A of this presentation, as well as tables showing course enrollments by size of school, numbers of courses in each subject area by length of course and size of school, and availability of extra-class activities by size of school.

¹ These data are expected to be provided in the final, more comprehensive, report in process.

Almost half of the total schools represented in this survey were upper-level secondary schools; almost a third were lower-level schools, and the remainder were combinations of the two levels. They break down into the following grade spans:

	Schools
Total	22,737
Grade 7 to 8	2,321
Grade 7 to 9	4,497
Grade 7 to 12	4,303
Grade 9 to 12	7,361
Grade 10 to 12	3,083
Other ^{2/}	1,172

The size distribution among the secondary schools in the survey is estimated as follows:

Total	22,737
Under 100 pupils	1,440
100 to 299 pupils	4,094
300 to 499 pupils	3,342
500 to 999 pupils	7,188
1,000 to 1,499 pupils	3,615
1,500 or more pupils	3,058

All of the above characteristics of the population of schools surveyed should be considered in interpreting the data on course offerings and course enrollments.

² Two States contribute significantly to this group—Georgia, with 156 schools, and Virginia, with 131 schools. Most of these consist of grades 8 to 9 or grades 8 to 12, a pattern not common to most States.

COURSES TAUGHT AND STUDENTS ENROLLED

A national summary of the public secondary schools offering each of the 429 aggregated course titles and estimated secondary-level enrollments in them is presented in table A. Columns 2 and 3 show the estimated numbers of schools offering each course and their percent of the U.S. total numbers of schools (22,737). Columns 4 and 5 show the numbers of pupils attending those schools and their percent of U.S. total school enrollment (18,577,234). Columns 6-8 show course enrollments (column 6) and place them in perspective as percent (column 7) of the total school enrollment and (column 8) of enrollments in the schools offering the course.

Most frequent offerings.—Most public secondary schools offer graded English courses in grade 9 and 10. Most also provide a course in speech and public speaking; a year of U.S. history; a year of world history; 2 years of general math and elementary and intermediate algebra; a year each of biology, chemistry, and physics, first-year Spanish, 6 years of physical education alone or in combination with health, the classroom phase of driver education, choir, band, a year of art, a year of home economics, and a year of typewriting. In addition, almost half of all secondary schools teach graded English in grades 7, 8, 11, and 12; general math in grade 7; plane geometry; first-year French; second-year Spanish; practice driving; a year of bookkeeping; and a year of shorthand.

Highest subject enrollments.—The following courses had more than 1 million student enrollments during the 1972-73 school year:

Each of the graded courses in English
U.S. history, grades 7-8
U.S. history, grades 9-12
World history, grades 9-12
American government
General math, grade 7
General math, grades 9-12
Algebra, elementary
Algebra, intermediate
General science, grade 7
General science, grade 8
General science, grade 9
Biology I
Physical science I
Health, grades 9-12
Health and physical education, grade 9
Physical education, all grades
Each of the graded courses in physical education,
grades 7-11
Driver education, both aspects
General music
Chorus
Band

Art, grades 7-8
Art I
General industrial arts, grades 7-8
Typewriting

Fewer than a million enrollments appeared in each of several courses offered by 45 percent or more of the Nation's secondary schools, indicating that schools tend to offer a number of courses that are not in wide demand because the schools desire to provide for the needs of all pupils, because the State requires that certain sequences be offered, or because it is customary to do so. These courses in 1972-73 were speech and public speaking I, first-year French, first- and second-year Spanish, bookkeeping I, shorthand I, chemistry I, physics I, and home economics I. The highest enrollment among these was reported in chemistry I (911,018); the lowest, in physics I (358,048).

Courses in areas of public concern.—Table C shows the addition to the curriculum of numerous courses in areas of broad public concern which were not offered in the past (grades 9-12 only). Courses in such subject areas increased both in the number of schools offering them and the number of course enrollments. Several examples are cited in the following paragraphs.

The number of schools offering consumer education, which included consumer economics in the 1960-61 ³/ survey, rose from 1,800 schools 12 years before to 7,293 schools in 1972-73, representing an increase of 305 percent. Enrollments in consumer education courses rose from 77,437 to 412,627, constituting an increase of 433 percent. In considering these increases in the number of enrollments, one must always be mindful of the 58-percent increase in secondary school pupils since 1960-61 (from 11.7 million to 18.6 million).

Courses dealing with *conservation and the environment* increased from a barely measurable report of conservation courses aggregated under grade 9 general science in 1960-61 to the current showing of an estimated 3,874 schools offering courses and 362,935 enrollments in the study of environmental education, ecology, entomology, conservation, environmental science, and environmental health.

Earth-space science enrollments expanded from 76,565 in high school earth science in 1960-61 to 1,212,061 in earth-space science, earth science, space science, geology, or oceanography. Earth science enrollments alone

³ The 1960-61 data in this report were obtained from Subject Offerings and Enrollments in Public Secondary Schools. Washington: U.S. Government Printing Office, 1965. Office of Education Bulletin OE 24015-61.

in 1972-73 expanded more than 12-fold over 1960-61 figures.

Speech, drama, and writing.—Enrollments in speech courses increased from 458,700 pupils in 1960-61 to a million in 1972-73. Enrollments in drama and acting courses grew from 119,500 in 1960-61 to 576,626 in 1972-73. Concurrently, enrollments in writing and composition courses rose from 47,600 pupils in 1960-61 to 1,229,199 in 1972-73, a 25-fold increase. These changes might be considered as the schools' response to criticisms that "Johnny" can't read or write.

Foreign languages. The percentage of total enrollments in foreign languages increased from 22.0 percent of total grade 7-12 public school enrollment in 1960-61 to 24.3 percent in this survey. Spanish was the most popular language studied, with 2.2 million enrollees, while French was the second choice, with more than 1.3 million. Next in order of popularity were German and Latin. The total number of pupils studying Latin in 1972-73 was one-third that in 1960-61.

Science and mathematics.—During the 1972-73 school year, public secondary schools taught mathematics courses, with about 13.2 million enrollments, and natural science courses, with 12.5 million, from the 18.6 million total pupil population. Within these broad areas, there were substantial shifts among specific subjects since the preceding survey. As a percentage of all pupils enrolled, general science decreased from 37.4 to 20.9, while biology enrollment increased. The percent-

age of enrollments in chemistry decreased somewhat, in contrast to physics, which increased. Earth-space sciences increased spectacularly, as already indicated.

Social sciences.—It is difficult to follow trends in specific history courses because of changes in scope from separate history sequences to various broad or specific area studies. Furthermore, a number of short courses now offered were formerly included as units of year-long offerings. A number of shifts within the area are visible, however. Quite evident is a shift to non-Western history and non-Western area study courses from the previous American and Western European emphasis.

Both the number and percent of pupils enrolled in sociology courses increased substantially in this survey, from less than 300,000 in 1960-61 to almost 1 million in 1972-73. Geography enrollments over the same period increased by half again as many pupils, although they still constituted but 9.2 percent of total enrollment.

The problems of democracy course widely taught in earlier survey years declined both in number and percent of enrollments, but it is now supplemented by specific courses such as U.S. Constitution, basic American law, and State government.

Short social science courses of specific local interest are offered in a number of schools. Among these are minority problems, intergroup relations, regional history, specific ethnic history, and police procedures.

TRENDS IN SUBJECT AREAS

In the three most recent surveys, enrollments in each of two subject areas—English language arts and social sciences—exceeded the total pupil population in public secondary schools with grades 7 and above (table B). Several factors are at work here: (1) Since two years or more of English, physical education, and social studies are usually required of all pupils some time during their secondary school career, nearly the entire student body is likely to be enrolled at any one time in at least one course in these subject areas; and (2) pupils who enrolled in two or more courses simultaneously or in successive short periods during 1972-73 were counted as many times as the number of those courses.

The present survey showed an increased discrepancy between total course enrollment and total school enrollment, particularly in the field of English language arts, which reveals 29.6 percent more course enrollments than pupils enrolled in the schools, compared with 10.6 percent in 1960-61. This is due primarily to a proliferation of so-called "minicourses" or "short courses," usually ranging in length from 3 to 9 weeks. Similar

offerings of short duration affect the area of social sciences.⁴

In the case of health and physical education courses, the total of enrollments is boosted by additional courses, such as health, alcohol, drugs, and tobacco; and family life, which are required in many schools. Driver education, included in the health and physical education subject area in previous surveys, has become a separate department in many States. The survey questionnaire recognized this change in its design, with the consequence that this year's figures for driver education were reported separately and would not ordinarily be included with the general field of health and physical education. However, for purposes of this comparison over time, driver education enrollments were added

⁴ These two subject areas, English language arts and social sciences, would be found to have even greater weight in the high school curriculum if core curriculums, interdisciplinary courses, and alternate year offerings of courses were considered. Supplementary data on the latter techniques will be provided in the final report of the 1972-73 survey.

to health and physical education enrollments, as were also Reserve Officer Training Corps enrollments. The result is the 115.8-percent enrollment figure shown in table B.

In table B, the percentage of pupils enrolled in music courses declined from previous surveys, while enrollments in art courses increased from 20.3 to 27.6 percent of total pupils, and enrollments in industrial arts rose from 28.7 to 30.8 percent in the past 12 years. In absolute numbers, these rises since 1960-61 are more

striking, with enrollments in art increasing from 2.4 million to 5.1 million and industrial arts enrollments increasing from 3.4 million to 5.7 million in 1972-73. This increase is tempered, of course, by the 58.3-percent increase in total grade 7 to 12 enrollments between the two most recent surveys. Still, the increasing numbers in two areas are important in consideration of manpower training needs and employment opportunities, as well as a gauge of educational material requirements.

DESCRIPTION OF THE TABLES AND GUIDE TO THEIR USE

The three basic tabulations included in this brief report are (1) table A, summary of the estimated numbers and percents of public secondary schools in the United States offering the most common high school courses and the numbers and percents of pupils enrolled in them during the year 1972-73; (2) table B, estimated total enrollments in each of 15 subject areas, compared with similar enrollments obtained in the two preceding surveys; and (3) table C, a comparison of total enrollments, grades 9-12 only, in selected courses or subject areas for each survey year since 1890.

Table A, on pages 8⁵ to 16, summarizes all offerings and enrollments data collected in the survey for the 50 States and the District of Columbia. ^{5/} Courses reported by sample schools have been inflated to represent all secondary schools ^{6/} and pupils in the United States. For tabular presentation, the more than 2,000 course titles reported have been collapsed to a listing of 429. The later, more comprehensive report of this survey will include an appendix setting forth the scheme by which all reported courses were aggregated, first into 429 titles and then into 135 titles for additional tables.

Table B, on page 17, compares the number and percent of enrollments in each subject area listed on the 1972-73 survey questionnaire (appendix B) with those reported in parallel surveys of 1960-61 and 1948-49. To the extent that pupils are enrolled in more than one course in a subject area during the year—e.g., United States history and an additional course in economics or sociology in the social sciences—total course enrollments exceed the total number of pupils enrolled in

the schools. The totals of such enrollments ranged in the three years from 5 to 7 times the total numbers of secondary school pupils enrolled in grade 7 to 12 schools; introduction of short courses or "minicourses" tend to increase this number of courses per pupil.

Table C, on page 18, summarizes grade 9-12 enrollments throughout the United States in selected courses or subject areas that were carried in each of the offerings and enrollments surveys of the past eight decades. The comparisons should be regarded only as a guide to the relative importance of courses over time, and absolute comparisons should be avoided because of the difficulties in reconciling inconsistencies in survey procedures and aggregation patterns of course titles in the infrequent surveys conducted since 1890.

In reading the tables, it should be kept in mind that the data, relating to course titles, imperfectly reflect course content. The term "course enrollment" refers to the enrollment of one person in a single course; that person is duplicated in summarized course enrollment data for each course taken during the survey year. Thus, the sum of course enrollments shown in tables A and B for 1972-73 is 6.6 times the estimated number of pupils attending grades 7 to 12 in public secondary schools.

The reader should also be mindful that the frequency of course offerings related to particular grades, such as grade 8 English, should be compared with the enrollment in the grade or grades rather than to enrollment in the entire school; e.g., 90.4 percent of 8th-graders are enrolled in grade 8 English, although only 12.3 percent of total pupils in grades 7 to 12 are so enrolled. The comparisons can only be approximate, because pupils in one grade are frequently enrolled in courses designed primarily for other grade levels. In fact, a tendency toward ungraded courses seems to be on the increase.

Each school offering a listed course title was counted only once, even when the school offered two or more courses that were aggregated into a combined course

⁵ Excluded from the totals are special education courses, core programs, interdisciplinary courses, and schools offering listed courses in alternate years. Data on each of these omitted areas are being prepared for the full-scale survey publication.

⁶ Only the schools offering secondary-level work in grades 7 and above were included; schools with grades 1 to 9, 1 to 12, 6 to 8, 6 to 9, 6 to 12, etc., were considered outside the scope of the 1972-73 survey and were therefore omitted.

title, such as recreation/lifetime sports/hobbies in the health and physical education subject area. Table A shows, in columns 2 and 3, the estimated number of schools offering each listed course and that number as percent of the U.S. total secondary schools. The percentages in column 8 of table A relate course enrollments (column 6) to enrollments of the schools actually offering the courses. Column 7 relates the course enrollments to U.S. total secondary-level enrollment.

Another problem of interpretation deals with trend data. Although much consideration was given to maintaining comparability with previous surveys, absolute comparisons are not possible. This is due to the evolutionary nature of course offerings, the long periods between surveys, semantic differences, and the constant increase in the number and variety of courses being

taught. For example, grade 12 English data for 1972-73 cannot accurately be compared with grade 12 English data for 1960-61, unless short courses in literature, communications, and drama being offered as alternatives to 12th-graders are also considered. Before concluding that the offerings or enrollments in a traditional course have markedly increased or decreased in 1972, the reader should examine the list of courses to find titles which might have been subsumed under the traditional course name originally but now appear separately.

Further explanations of sample restrictions, together with tables of standard errors, are included in the Technical Appendix to this report. *We urge the user to examine these carefully when referencing these data.*

SCOPE AND METHOD OF THE SURVEY

Data for the current survey were obtained from an 18-page questionnaire (appendix B) mailed to a sample of approximately one-third of the public schools providing instruction at the grade 7 level or higher in the 50 States and the District of Columbia during spring term 1973. The population used for sampling was the 1971-72 universe of public day schools collected in the ELSEGIS IV survey (Elementary and Secondary General Information System) the latest universe available on the mailing date. Adjustments were made to account for changes between the 1971-72 and 1972-73 school years.

At the option of individual States, questionnaires were distributed in two basic ways: (1) direct mailing of questionnaires by NCES to local education agencies and (2) mailing of questionnaires to State education agencies for distribution, collection, and partial editing of the forms prior to returning them to NCES. Data from responding schools were inflated to represent a universe of 22,737 schools having various combinations of grades from grade 7 through grade 12, with a total estimated enrollment of 18,577,234.

Respondents were asked to report course enrollments for the 1972-73 school year, as follows: (1) For full-year courses, enrollments as of February 1, 1973, and

(2) for shorter-term courses, the sum of the enrollments for each term in which the course was given during the year. Thus the enrollments in each semester-length or shorter-term course for the entire school year were to have been summed for this report.

The printed questionnaire for the survey listed 382 course titles under 16 subject areas and 83 occupational programs in eight occupational areas. In addition, the survey form included a precoded list of 274 courses and 15 occupational programs for the respondents' use. School principals, the usual respondents, were asked to write in the actual titles of courses given in their schools if they were not entirely satisfied that similar content was covered by the listed titles. As a result, respondents listed more than 2,000 course titles with many of the titles mentioned only once or twice. With the advice of subject-area specialists, titles were first classified by manual editors into 1,835 categories to be entered on the computer tape, and then, in the interest of reasonable tabular presentation, were further aggregated to the 429 course titles listed in table A. However, data on each of the 1,890-plus-course titles, with weights indicated, have been compiled and are available to interested subject-area specialists and other users upon request from: NCES/ESSB, Room 2161, FOB 6, Washington, D.C. 20202.

TABLE A.—PUBLIC SECONDARY SCHOOLS OFFERING SPECIFIC COURSES, ENROLLMENTS IN THE SCHOOLS AND COURSES, AND THEIR PERCENT OF U.S. TOTALS, BY COURSE TITLE: UNITED STATES, 1972-73

(U.S. TOTAL SECONDARY SCHOOLS = 22,737; U.S. TOTAL SECONDARY ENROLLMENT = 18,577,234)

SUBJECT AREA AND COURSE TITLE (1)	Secondary Schools Offering Course		Secondary School Enrollment In Schools Offering Course		Course Enrollment, 1972-73		
	Number (2)	As Percent Of U.S. Total (3)	Number (4)	As Percent Of U.S. Total (5)	United States Total (6)	As Percent Of U.S. Total Enrollment (7)	Percent of Enrollment In Schools Offering Course (8)
05. English language arts	22,652	99.6	18,521,179	99.7	24,079,059	129.6	130.0
English, N.E.C.	699	3.1	755,555	4.1	231,053	1.2	30.6
English, Grade 7	10,408	45.8	7,014,705	37.8	2,114,681	11.4	30.1
English, Grade 8	11,267	49.6	7,706,540	41.5	2,292,242	12.3	29.7
English, Grade 9	16,210	71.3	12,549,070	67.6	3,331,135	17.9	26.5
English, Grade 10	13,175	58.0	10,845,482	58.4	2,837,054	15.3	26.2
English, Grade 11	11,137	49.0	9,065,753	48.8	2,007,796	10.8	22.1
English, Grade 12	10,598	46.6	8,620,819	46.4	1,383,542	7.4	16.0
English, advanced/seminar/workshop	630	2.8	782,968	4.2	41,341	.2	5.3
English, practical	506	2.2	576,783	3.1	36,506	.2	6.3
English, remedial	2,676	11.8	2,608,249	14.0	195,615	1.1	7.5
English, independent study	930	4.1	1,151,370	6.2	43,935	.2	3.8
English, college-level/advanced placement	1,586	7.0	1,979,577	10.7	86,238	.5	4.4
English fundamentals	1,206	5.3	1,337,726	7.2	165,757	.9	12.4
Reading, basic/general	3,637	16.0	3,322,016	17.9	846,748	3.5	19.5
Reading, developmental	5,954	26.2	6,227,767	33.5	923,075	5.0	14.8
Reading, remedial	7,180	31.6	7,248,513	39.0	638,966	3.4	8.8
Spelling	353	1.6	242,992	1.3	54,807	.3	22.6
Linguistics	645	2.8	797,909	4.3	85,881	.5	10.8
Grammar/vocabulary/semantics	650	2.9	775,328	4.2	63,516	.3	8.2
Literature, specific/N.E.C.	950	4.2	1,074,159	5.8	159,579	.9	14.9
Literature, American	6,282	27.6	5,561,738	29.9	994,199	5.4	17.9
Literature, Bible/religious	940	4.1	1,396,572	7.5	49,397	.3	3.5
Literature, English	5,219	23.0	4,609,088	24.8	478,841	2.6	10.4
Literature, Eastern/Western/World	3,497	15.4	3,877,713	20.9	394,411	2.1	10.2
Literature, ethnic/Black	1,484	6.5	2,004,932	10.8	104,104	.6	5.2
Literature, Twentieth Century	2,588	11.4	3,029,931	16.3	303,421	1.6	10.0
Short story	1,706	7.5	1,895,803	9.9	165,856	.9	9.0
Fiction and fantasy	281	1.2	406,071	2.2	27,944	.2	6.9
Poetry	1,375	6.0	1,658,492	8.9	86,973	.5	5.2
The novel	1,566	6.9	1,669,084	9.0	132,163	.7	7.9
Horror/suspense/mystery	268	1.2	384,336	2.1	42,318	.2	11.0
Science fiction	495	2.2	717,164	3.9	49,551	.3	6.9
Literature for adolescents/athletes and athletics	225	1.0	305,503	1.6	23,602	.1	7.7
Myth and legend	1,661	7.3	2,081,252	11.2	131,030	.7	6.3
Humanities	595	2.6	854,501	4.6	43,277	.2	5.1
Problem-solving through literature/great ideas	519	2.3	785,926	4.2	63,077	.3	8.0
Composition	5,228	23.0	5,542,238	29.8	921,212	5.0	16.6
Journalism/school publications	9,169	40.3	10,040,767	54.0	370,828	2.0	3.7
Creative writing	5,299	23.3	6,239,487	33.6	307,987	1.7	4.9
Argumentation and debate	2,372	10.4	2,939,071	15.8	71,380	.4	2.4
Communication theory/speech/diction	681	3.0	811,532	4.4	58,986	.3	7.3
Speech and public speaking I	1,365	50.0	10,716,131	57.7	764,071	4.1	7.1
Speech and public speaking II	981	4.3	1,082,268	5.8	33,029	.2	3.1
Speech through mass media	1,873	8.2	2,356,007	12.7	198,221	1.1	8.4
TV/radio/film	1,416	6.2	2,160,421	11.6	139,978	.8	6.5
Theatre/drama	5,906	26.0	7,168,005	38.6	315,111	1.7	4.4
Acting	600	2.6	878,187	4.7	32,296	.2	3.7
Dramatic literature/Shakespeare	2,242	9.9	2,760,760	14.9	119,078	.6	4.3
Play production/creative dramatics	2,175	9.6	2,857,063	15.4	110,141	.6	3.9
Library and media practices/research techniques	2,826	12.4	2,704,487	14.6	204,532	1.1	7.6
Education (teacher training)	69	.3	81,697	.4	2,558	—	3.1

TABLE A.—PUBLIC SECONDARY SCHOOLS OFFERING SPECIFIC COURSES, ENROLLMENTS IN THE SCHOOLS AND COURSES, AND THEIR PERCENT OF U.S. TOTALS, BY COURSE TITLE: UNITED STATES, 1972-73—CONTINUED

(U.S. TOTAL SECONDARY SCHOOLS = 22,737; U.S. TOTAL SECONDARY ENROLLMENT = 18,577,234)

SUBJECT AREA AND COURSE TITLE (1)	Secondary Schools Offering Course		Secondary School Enrollment In Schools Offering Course		Course Enrollment, 1972-73		
	Number (2)	As Percent Of U.S. Total (3)	Number (4)	As Percent Of U.S. Total (5)	United States Total (6)	As Percent Of U.S. Total Enrollment (7)	Percent of Enrollment In Schools Offering Course (8)
15. Social Sciences	22,560	99.2	18,460,108	99.4	18,898,794	101.7	102.4
Anthropology/archeology	1,462	6.4	2,069,333	11.1	116,784	.6	5.6
Acculturation/world cultures	1,380	6.1	1,619,851	8.7	256,772	1.4	16.0
Area studies, N.E.C./other specified	213	.9	270,578	1.5	33,017	.2	12.2
Area studies and history, African	500	2.2	716,726	3.9	47,614	.3	6.6
Area studies, Asian/Oriental	506	2.2	729,817	3.9	47,623	.3	6.5
Area studies, European	619	2.7	860,203	4.6	92,275	.5	10.7
Area studies, Asian and African/Middle Eastern	568	2.8	787,510	4.2	111,437	.6	14.2
Area studies and history, Russian	565	2.5	786,825	4.2	33,849	.2	4.3
Area studies, American	311	1.4	345,108	1.9	53,526	.3	15.5
Area studies and history, Latin American	582	2.6	778,500	4.2	39,839	.2	5.1
Conservation	358	1.6	305,033	1.6	36,656	.2	12.0
Environmental education	600	2.6	715,635	3.9	59,367	.3	8.3
Consumer education	934	4.1	836,251	4.5	74,732	.4	8.9
Economics	5,998	26.4	6,320,243	34.0	451,352	2.4	7.1
Consumer economics	1,506	6.6	1,411,998	7.6	100,813	.5	7.1
Economic problems/history	224	1.0	279,200	1.5	24,305	.1	8.7
Geography, Grade 7-8	2,376	10.5	1,682,914	9.1	552,936	3.0	32.9
Geography, human and cultural/HSGP	641	2.8	721,304	3.9	102,205	.6	14.2
Geography, political/economic	932	4.1	824,472	4.4	79,691	.4	9.7
Geography, physical	843	3.7	739,149	4.0	100,024	.5	13.5
Geography, regional	795	3.5	744,059	4.0	102,151	.5	13.7
Geography, world	6,697	29.5	5,878,913	31.6	773,724	4.2	13.2
History, N.E.C./college level	819	3.6	1,186,147	6.4	47,641	.3	4.0
History, American and world backgrounds	4,119	18.1	3,280,442	17.7	810,907	4.4	24.7
History, local and regional	335	1.5	328,292	1.8	34,290	.2	10.4
History, modern European	1,302	5.7	1,729,959	9.3	131,308	.7	7.6
History, State, Grade 7-8	3,480	15.3	2,242,237	12.1	662,209	3.6	29.5
History, State, Grade 9-12	2,686	11.8	2,104,057	11.3	322,262	1.7	15.3
History, United States, Grade 7-8	7,356	32.4	5,099,366	27.4	1,672,332	9.0	32.8
History, United States, Grade 9-12	12,125	53.3	10,356,195	55.7	2,828,031	15.2	27.3
American studies	824	3.6	974,853	5.2	211,958	1.1	21.7
Afro-American studies/Black history	1,803	7.9	2,672,859	14.4	143,770	.8	5.4
American Indian problems/history	548	2.4	489,141	2.6	58,188	.3	11.9
Western civilization/history	1,573	6.9	1,814,564	9.8	217,086	1.2	12.0
Non-Western civilization/history	781	3.4	926,031	5.0	148,139	.8	16.0
Oriental history	468	2.1	607,196	3.3	25,529	.1	4.2
World civilization/history	438	1.9	527,568	2.8	61,018	.3	11.6
Ancient/medieval history	1,209	5.3	1,399,508	7.5	135,327	.7	9.7
World history, Grade 7-8	2,121	9.3	1,364,039	7.3	386,582	2.1	28.3
World history, Grade 9-12	11,267	49.6	9,318,003	50.2	1,561,401	8.4	16.8
Humanities and philosophy	741	3.3	1,122,960	6.0	47,542	.3	4.2
American government	8,955	39.4	7,696,471	41.4	1,219,929	6.6	15.9
U.S. Constitution	802	3.5	636,731	3.4	109,814	.6	17.2
Problems of Democracy	3,472	15.3	3,043,310	16.4	325,846	1.8	10.7
State government	866	3.8	302,023	1.6	54,635	.3	18.1
Community civics	3,985	17.5	3,107,422	16.7	526,283	2.8	16.9
Basic American law	796	3.5	1,055,746	5.7	73,374	.4	6.9
Comparative systems	771	3.4	951,087	5.1	67,752	.4	7.1
Contemporary world affairs/modern history	1,377	6.1	1,569,521	8.4	118,658	.6	7.6
Current events	2,647	11.6	2,452,302	13.2	228,629	1.2	9.3
International relations	1,421	6.3	1,685,509	9.1	85,181	.5	5.1
Political theory/political science	921	4.1	1,198,256	6.5	62,266	.3	5.2
Human relations	400	1.8	535,370	2.9	37,103	.2	6.9
Psychology	8,870	30.2	6,960,325	37.5	611,468	3.3	8.8

TABLE A.—PUBLIC SECONDARY SCHOOLS OFFERING SPECIFIC COURSES, ENROLLMENTS IN THE SCHOOLS AND COURSES, AND THEIR PERCENT OF U.S. TOTALS, BY COURSE TITLE: UNITED STATES, 1972-73—CONTINUED

(U.S. TOTAL SECONDARY SCHOOLS = 22,737; U.S. TOTAL SECONDARY ENROLLMENT = 18,577,234)

SUBJECT AREA AND COURSE TITLE (1)	Secondary Schools Offering Course		Secondary School Enrollment In Schools Offering Course		Course Enrollment, 1972-73		
	Number (2)	As Percent Of U.S. Total (3)	Number (4)	As Percent Of U.S. Total (5)	United States Total (6)	As Percent Of U.S. Total Enrollment (7)	Percent of Enrollment In Schools Offering Course (8)
15. Social Sciences (continued)							
Sociology/social organization	7,733	34.9	8,315,512	44.8	604,453	3.3	7.3
Sociology, urban	482	2.2	696,434	3.7	55,219	.3	7.9
Social problems/criminology	1,366	6.0	1,500,048	8.1	166,296	.9	11.1
Racial and minority problems	648	2.9	901,987	4.9	44,169	.2	4.9
Religion, comparative and Bible history	642	2.8	875,402	4.7	41,427	.2	4.7
Social studies, Grade 7	2,889	12.7	2,207,237	11.9	545,537	2.9	24.7
Social studies, Grade 8	2,733	12.0	2,078,547	11.2	509,205	2.7	24.5
Social studies, Grade 9-12 and above	2,634	11.6	2,753,696	14.8	422,024	2.3	15.3
Intergroup (community) relations	896	3.9	1,183,220	6.4	78,771	.4	6.7
Career education/occupational guidance	803	3.5	677,106	3.6	112,845	.6	16.7
11. Mathematics	22,644	99.6	18,523,898	99.7	13,240,326	71.3	71.5
General math, N.E.C.	685	3.0	770,676	4.1	31,821	.2	4.1
General math, Grade 7	10,863	47.8	7,398,795	39.8	2,198,360	11.8	29.7
General math, Grade 8	11,508	50.6	7,882,799	42.4	2,198,017	11.8	27.9
General math, Grade 9-12, elementary	12,275	54.0	10,942,039	58.9	1,328,644	7.2	12.1
General math, Grade 9-12, advanced	7,388	32.5	7,246,765	39.0	642,005	3.5	8.9
Remedial math, Grade 7-8	2,267	10.0	1,733,869	9.3	151,113	.8	8.7
Remedial math, Grade 9-12	4,411	19.4	4,721,241	25.4	328,423	1.8	7.0
Pre-algebra	505	2.2	647,892	3.5	50,485	.3	7.8
Algebra, elementary	16,253	71.5	14,555,380	78.4	1,918,744	10.3	13.2
Algebra, intermediate	13,142	57.8	11,861,597	63.9	1,198,312	6.5	10.1
Algebra, advanced	7,091	31.2	6,702,220	36.1	400,585	2.2	6.0
Algebra/trigonometry	3,304	14.5	3,930,149	21.2	208,434	1.1	5.3
Applied mathematics	1,643	7.2	1,953,608	10.5	116,970	.6	6.0
Consumer mathematics	676	3.0	727,142	3.9	39,011	.2	5.4
Computer mathematics	1,821	8.0	3,009,067	16.2	62,686	.3	2.1
Geometry, plane	9,624	42.3	8,426,731	45.4	835,164	4.5	9.9
Geometry, plane and solid	5,610	24.8	5,708,883	30.7	590,642	3.2	10.3
Geometry, solid	761	3.3	705,832	3.8	40,202	.2	5.7
Math analysis	3,060	13.5	3,600,238	19.4	97,721	.5	2.7
Elementary functions	694	3.1	966,517	5.2	30,642	.2	3.2
Probability and statistics	1,057	4.6	1,525,811	8.2	25,184	.1	1.7
Trigonometry	4,960	21.8	5,129,388	27.6	170,794	.9	3.3
College-level mathematics	2,000	8.8	2,311,766	12.4	53,688	.3	2.3
Calculus/1st/2d year/advanced	1,583	7.0	2,202,052	11.9	28,789	.2	1.3
Calculus/geometry	1,201	5.3	1,680,670	9.0	25,831	.1	1.5
SMSG, N.E.G./calculus/algorithms with computations	1,211	5.3	1,551,017	8.3	71,027	.4	4.6
SMSG, Grade 7-8	270	1.2	221,202	1.2	77,459	.4	35.0
SMSG, Grade 9 (algebra)	1,328	5.8	1,038,441	5.6	133,118	.7	12.9
SMSG, Grade 10 (geometry)	1,010	4.4	875,187	4.7	79,798	.4	9.1
SMSG, Grade 11 (algebra 3 and 4)	764	3.4	671,777	3.6	42,958	.2	6.4
SMSG, Grade 12 (trigonometry with math analysis)	1,654	7.3	1,300,648	7.0	35,844	.2	2.8
SSMCIS, Grades 7-12	125	.5	219,435	1.2	15,045	.1	6.9
UICSM, Grades 7-12	64	.3	92,281	.5	9,074	—	9.8
GCMP, Grades 7-11/IPI, all grades	14	.1	12,305	.1	3,737	—	30.4
13. Natural Sciences	22,642	99.6	18,524,351	99.7	12,475,429	67.2	67.3
General science, Grade 7	7,324	32.2	5,101,430	27.5	1,406,541	7.6	27.6
General science, Grade 8	7,335	32.3	5,256,403	28.3	1,319,641	7.1	25.1
General science, Grade 9	7,089	31.2	5,797,397	31.2	1,000,947	5.4	17.3
General science, Grade 10 to 12	2,546	11.2	2,650,399	14.3	145,220	.8	5.5

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(U.S. TOTAL SECONDARY SCHOOLS = 22,737; U.S. TOTAL SECONDARY ENROLLMENT = 18,577,234)

SUBJECT AREA AND COURSE TITLE (1)	Secondary Schools Offering Course		Secondary School Enrollment In Schools Offering Course		Course Enrollment, 1972-73		
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13. Natural Sciences (continued)							
ISCS, Grade 7	443	1.9	315,563	1.7	81,715	.4	25.9
ISCS, Grade 8	382	1.7	284,579	1.5	68,946	.4	24.2
ISCS, Grade 9	243	1.1	222,877	1.2	33,729	.2	15.1
Biological sciences, N.E.C./other specified	760	3.4	963,824	5.2	62,400	.3	6.5
Anatomy/anthropology/genetics	266	1.2	358,929	1.9	18,950	.1	5.3
Ecology/entomology/conservation	1,468	6.5	1,772,392	9.5	102,235	.6	5.8
Physiology/biophysics	2,336	10.3	2,805,236	15.1	129,749	.7	4.6
Technical applications/applied biology	924	4.1	1,168,407	6.3	79,732	.4	6.8
Environmental science	1,267	5.6	1,421,584	7.7	114,343	.6	8.0
Zoology	868	3.8	868,330	4.7	66,189	.4	7.6
Botany	845	3.7	835,141	4.5	54,293	.3	6.5
Biology I	12,671	55.7	10,816,649	58.2	2,049,106	11.0	18.9
Biology II	4,404	19.4	4,745,759	25.5	172,388	.9	3.6
Biology, college-level/microbiology/bacteriology	614	2.7	1,010,650	5.4	25,729	.1	2.5
BSCS, blue version	1,043	4.6	1,241,824	6.7	125,736	.7	10.1
BSCS, green version	2,305	10.1	2,274,950	12.2	301,654	1.6	13.3
BSCS, yellow version	1,268	5.6	1,545,921	8.3	185,651	1.0	12.0
BSCS, special materials	562	2.5	752,584	4.1	46,517	.3	6.2
BSGS, 2d course	642	2.8	721,552	3.9	21,548	.1	3.0
Life science	3,990	17.6	3,345,350	18.0	684,022	3.7	20.4
Physical science, 1st year	9,234	40.6	8,218,713	44.2	1,118,450	6.0	13.6
Physical science, 2d year	760	3.3	806,591	4.3	44,746	.2	5.5
TSM/CBA/ECCP	194	.9	260,091	1.4	17,923	.1	6.9
Chemistry, 1st year	13,035	57.3	11,799,290	63.5	911,018	4.9	7.7
Chemistry, 2d year	2,433	10.7	3,107,035	16.7	60,141	.3	1.9
Chemistry, applied	482	2.1	705,689	3.8	24,843	.1	3.5
Chem study	824	3.6	1,128,748	6.1	65,405	.4	5.8
Chemistry and physics, college level	408	1.8	699,087	3.8	14,050	.1	2.0
Physics, 1st year	11,275	49.6	10,804,079	58.2	358,048	1.9	3.3
Physics, 2d year	841	3.7	1,129,845	6.1	16,042	.1	1.4
PSSC physics	613	2.7	940,386	5.1	24,634	.1	2.6
HPP-physics (project)	549	2.4	757,384	4.1	21,306	.1	2.8
IPS physical sciences	1,364	6.0	1,425,660	7.7	215,818	1.2	15.1
IME physics	171	.8	178,465	1.0	31,353	.2	17.6
Electricity/electronics/other applied physics	462	2.0	525,420	2.8	21,240	.1	4.0
Earth-space sciences/meteorology/astronomy	431	1.9	559,731	3.0	28,774	.2	5.1
Aeronautics	566	2.5	750,244	4.0	21,373	.1	2.8
Earth sciences	7,376	32.4	6,714,073	36.1	990,184	5.3	14.7
Space science	514	2.3	596,927	3.2	46,756	.3	7.8
ESCP	393	1.7	435,707	2.3	57,185	.3	13.1
Geology	655	2.9	788,954	4.2	43,085	.2	5.5
Oceanography	579	2.5	820,417	4.4	46,077	.2	5.6
06. Foreign Languages	18,393	80.9	17,156,035	92.3	4,510,947	24.3	26.3
Greek, 1st/2d/3d/4th year/classical languages	141	.6	232,261	1.3	9,336	.1	4.0
Latin, Grade 7	272	1.2	251,928	1.4	12,792	.1	5.1
Latin, Grade 8 and combinations with Grade 8	492	2.2	509,602	2.7	16,226	.1	3.2
Latin, 1st year	4,502	19.8	6,049,718	32.4	106,620	.6	1.8
Latin, 2d year	3,940	17.3	5,516,465	29.7	68,853	.4	1.2
Latin, 3d year	1,774	7.8	2,831,243	15.2	16,064	.1	.6
Latin, 4th/5th/6th year/college level	940	4.1	1,554,832	8.4	6,572	—	.4
Chinese, 1st/2d/3d/4th year	65	.3	125,429	.7	3,785	—	3.0
English as a foreign language, 1st/2d/3d year	872	3.8	1,404,482	7.6	40,907	.2	2.9

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(U.S. TOTAL SECONDARY SCHOOLS = 22,737; U.S. TOTAL SECONDARY ENROLLMENT = 18,577,234)

SUBJECT AREA AND COURSE TITLE (1)	Secondary Schools Offering Course		Secondary School Enrollment In Schools Offering Course		Course Enrollment, 1972-73		
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06. Foreign Languages (continued)							
French, Grade 7	2,067	9.1	1,870,096	10.6	132,562	.7	6.7
French, Grade 8 and combinations with Grade 8	2,864	12.6	2,774,226	14.9	160,650	.9	5.8
French, 1st year	11,006	48.4	12,674,322	68.2	454,348	2.4	3.6
French, 2d year	9,006	39.6	11,056,353	59.5	367,127	2.0	3.3
French, 3d year	5,977	26.3	8,336,945	44.9	173,356	.9	2.1
French, 4th/5th/6th year/college level	4,083	18.0	6,171,557	33.2	77,706	.4	1.3
German, Grade 7	634	2.8	654,219	3.5	34,379	.2	5.3
German, Grade 8 and combinations with Grade 8	924	4.1	947,303	5.1	40,943	.2	4.3
German, 1st year	5,527	24.3	7,502,510	40.4	202,678	1.1	2.7
German, 2d year	4,626	20.3	6,721,556	36.2	137,714	.7	2.0
German, 3d year	3,287	14.4	5,271,837	28.4	54,547	.3	1.0
German, 4th, 5th, 6th year/college level	1,869	8.2	3,099,616	16.7	19,631	.1	.6
Hebrew, modern and classical, 1st/2d/3d/4th year	59	.3	153,181	.8	2,176	—	1.4
Italian, Grades 7 and 8	52	.2	69,095	.4	4,708	—	6.8
Italian, 1st year	507	2.2	988,843	5.3	21,463	.1	2.2
Italian, 2d/3d/4th/5th year	357	1.6	747,792	4.0	17,213	.1	2.3
Japanese, 1st year	64	.3	120,843	.7	4,275	—	3.5
Japanese, 2d/3d/4th/5th year	48	.2	100,423	.5	3,326	—	3.3
Portuguese, 1st/2d/3d/4th year	31	.1	59,590	.3	2,280	—	3.8
Russian, Grades 7 and 8	61	.3	73,888	.4	2,893	—	3.9
Russian, 1st year	544	2.4	1,010,151	5.4	9,308	.1	.9
Russian, 2d year	460	2.0	856,194	4.6	5,546	—	.6
Russian, 3d/4th/5th year/college level	294	1.3	573,768	3.1	4,661	—	.8
Spanish for native speaking	120	.5	235,801	1.3	11,082	.1	4.7
Spanish, Grade 7	2,533	11.1	2,309,217	12.4	215,977	1.2	9.4
Spanish, Grade 8 and combinations with Grade 8	3,501	15.4	3,244,747	17.5	230,766	1.2	7.1
Spanish, 1st year	12,828	58.4	13,642,482	73.4	887,511	4.8	6.5
Spanish, 2d year	10,123	44.5	11,546,054	62.2	579,223	3.1	5.0
Spanish, 3d year	6,379	28.1	8,747,314	47.1	209,112	1.1	2.4
Spanish, 4th/5th/6th year/college level	4,177	18.4	6,404,993	34.5	71,559	.4	1.1
Swahili, 1st/2d/3d year	37	.2	82,114	.4	1,283	—	1.6
General foreign language	570	2.5	613,699	3.3	81,317	.4	13.3
Other specific foreign languages	122	.5	272,874	1.5	6,443	—	2.4
08. Health and Physical Education	22,124	97.3	18,283,209	98.4	17,918,713	96.5	98.0
Health, Grades 7 and 8	2,671	11.7	2,181,073	11.7	748,124	4.0	34.3
Health, Grades 9 to 12	4,904	21.6	4,926,155	26.5	1,185,349	6.4	24.1
Health, personal and family living/sex education	1,017	4.5	1,033,723	5.6	249,642	1.3	24.1
First aid	757	3.3	671,098	3.6	171,444	.9	25.5
Alcohol, drugs, and tobacco	1,082	4.8	844,660	4.5	342,224	1.8	40.5
Environmental health	181	.8	185,614	1.0	50,334	.3	27.1
Health and physical education, all grades, boys	857	3.8	685,803	3.7	183,088	1.0	28.7
Health and physical education, all grades, girls	880	3.9	711,219	3.8	168,582	.9	23.7
Health and physical education, Grade 7, boys	4,063	17.9	2,509,883	13.5	404,397	2.2	16.1
Health and physical education, Grade 7, girls	4,072	17.9	2,512,551	13.5	389,352	2.1	15.5
Health and physical education, Grade 8, boys	4,291	18.9	2,719,112	14.6	427,728	2.3	15.7
Health and physical education, Grade 8, girls	4,281	18.8	2,712,402	14.6	408,317	2.2	15.1
Health and physical education, Grade 9, boys	6,154	27.1	4,382,402	23.6	597,153	3.2	13.6
Health and physical education, Grade 9, girls	6,151	27.1	4,392,480	23.6	559,589	3.0	12.7
Health and physical education, Grade 10, boys	4,250	18.7	3,133,424	16.9	405,990	2.2	13.0
Health and physical education, Grade 10, girls	4,229	18.6	3,152,001	17.0	407,408	2.2	12.9
Health and physical education, Grade 11, boys	2,936	12.9	2,211,787	11.9	214,494	1.2	9.7
Health and physical education, Grade 11, girls	2,865	12.6	2,151,234	11.6	205,816	1.1	9.6
Health and physical education, Grade 12, boys	2,940	12.9	2,109,313	11.8	179,245	1.0	8.2
Health and physical education, Grade 12, girls	2,862	12.6	2,338,549	11.5	165,936	.9	7.8

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(U.S. TOTAL SECONDARY SCHOOLS = 22,737; U.S. TOTAL SECONDARY ENROLLMENT = 18,577,234)

SUBJECT AREA AND COURSE TITLE (1)	Secondary Schools Offering Course		Secondary School Enrollment In Schools Offering Course		Course Enrollment, 1972-73		
	Number (2)	As Percent Of U.S. Total (3)	Number (4)	As Percent Of U.S. Total (5)	United States Total (6)	As Percent Of U.S. Total Enrollment (7)	Percent of Enrollment in Schools Offering Course (8)
08. Health and Physical Education (continued)							
Health and safety	1,250	5.5	1,148,675	6.2	303,850	1.6	26.4
Physical education, all grades, boys	3,259	18.3	3,735,832	20.1	957,867	5.2	25.6
Physical education, all grades, girls	2,329	10.2	2,491,838	13.4	655,252	3.5	26.3
Physical education, Grade 7, boys	6,035	26.5	4,425,761	23.8	721,714	3.9	16.3
Physical education, Grade 7, girls	5,998	26.4	4,399,672	23.7	658,331	3.5	15.0
Physical education, Grade 8, boys	5,883	25.9	4,397,361	23.7	664,002	3.6	15.1
Physical education, Grade 8, girls	5,848	25.7	4,391,799	23.6	630,624	3.4	14.4
Physical education, Grade 9, boys	8,223	36.2	7,161,908	38.6	963,732	5.2	13.5
Physical education, Grade 9, girls	8,130	35.8	7,083,849	38.1	893,873	4.8	12.6
Physical education, Grade 10, boys	6,472	28.5	6,513,321	35.1	852,493	4.6	13.1
Physical education, Grade 10, girls	6,408	28.2	6,485,983	34.9	801,299	4.3	12.4
Physical education, Grade 11, boys	5,200	22.9	5,440,816	29.3	562,847	3.0	10.3
Physical education, Grade 11, girls	5,127	22.6	5,412,257	29.1	529,839	2.9	9.8
Physical education, Grade 12, boys	4,842	21.3	4,939,805	26.6	419,751	2.3	8.5
Physical education, Grade 12, girls	4,702	20.7	4,861,374	26.2	390,257	2.1	8.0
Physical education, adapted, boys	1,247	5.5	1,839,548	9.9	64,549	.3	3.0
Physical education, adapted, girls	1,172	5.2	1,758,670	9.5	47,285	.3	2.7
Body dynamics/conditioning/posture/apparatus	282	1.2	488,060	2.6	22,664	.1	4.6
Dance, rhythms, and dramatic events	263	1.2	309,395	1.7	58,065	.3	18.8
Modern dance/gymnastics	678	3.0	1,060,239	5.8	71,073	.4	6.6
Individual and dual sports/aquatics/swimming	278	1.2	423,407	2.3	66,900	.4	15.8
Team sports	561	2.5	386,206	2.1	64,786	.3	16.8
Recreation/lifetime sports/hobbies	385	1.7	395,916	2.1	50,220	.3	12.7
Leadership/school support	190	.8	328,004	1.8	13,218	.1	4.0
21. Safety and Driver Education	12,145	53.4	10,339,026	55.7	3,443,532	18.5	33.3
Driver education, classroom instruction	11,695	51.4	10,058,202	54.1	1,813,039	9.8	18.0
Practice driving, including simulation	10,931	48.1	9,226,681	49.7	1,478,785	8.0	16.0
Safety, all grades	575	2.5	495,638	2.7	99,791	.5	20.1
Civil defense	239	1.1	168,104	.9	51,917	.3	30.9
22. Junior R.O.T.C.	1,263	5.6	1,643,455	9.9	155,085	.8	6.4
Junior R.O.T.C./Naval science, 1st year	1,192	5.2	1,767,594	9.5	88,229	.5	6.0
Junior R.O.T.C./Naval science, 2d year	935	4.1	1,437,696	7.7	39,487	.2	2.7
Junior R.O.T.C./Naval science, 3d/4th year	844	3.7	1,282,001	6.9	27,370	.1	2.1
12. Music	20,328	89.4	17,766,882	95.6	6,111,223	32.9	34.4
General music	6,835	30.1	6,261,337	33.7	1,632,656	8.8	26.1
Music appreciation	3,737	16.4	4,424,562	23.8	192,083	1.0	4.3
Theory and harmony/composition/counterpoint	3,564	15.7	4,967,412	26.7	64,775	.3	1.3
Choir	5,934	26.1	7,136,606	38.4	417,455	2.2	5.8
Chorus	14,913	65.6	13,754,955	74.0	1,281,687	6.9	9.3
Glee club	3,530	15.5	3,929,670	21.2	203,539	1.1	5.2
Small vocal ensembles	2,862	12.6	3,378,634	18.2	79,228	.4	2.3
Instrumental music	4,358	19.2	5,203,676	28.0	289,390	1.6	5.6
Band (marching/concert/stage)	18,769	82.6	16,744,162	90.1	1,677,713	9.0	10.0
Orchestra	5,586	24.6	7,423,781	40.0	193,067	1.0	2.6
Small instrumental ensembles	2,697	11.0	3,118,127	16.8	79,611	.4	2.6
02. Art	17,903	78.8	16,868,076	90.8	5,116,981	27.5	30.3
Art, Grade 7-8	8,205	36.1	6,476,187	34.9	2,321,396	12.5	36.8
Art I	12,950	57.0	12,881,796	69.3	1,117,045	6.0	8.7
Art II	7,332	32.3	7,483,341	40.3	291,769	1.6	3.9
Art III/IV	4,021	21.0	5,696,032	30.4	152,184	.8	2.7

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(U.S. TOTAL SECONDARY SCHOOLS = 22,737; U.S. TOTAL SECONDARY ENROLLMENT = 18,577,234)

SUBJECT AREA AND COURSE TITLE (1)	Secondary Schools Offering Course		Secondary School Enrollment In Schools Offering Course		Course Enrollment, 1972-73		
	Number (2)	As Percent Of U.S. Total (3)	Number (4)	As Percent Of U.S. Total (5)	United States Total (6)	As Percent Of U.S. Total Enrollment (7)	Percent of Enrollment In Schools Offering Course (8)
02.Art (continued)							
Art appreciation/history	1,569	6.9	2,108,517	11.4	134,539	.7	6.4
Art studio	1,312	5.8	1,861,739	10.0	75,881	.4	4.1
Design, commercial/industrial	1,970	8.7	3,193,616	17.2	88,086	.5	2.8
Graphics	1,017	4.5	1,405,281	7.6	38,105	.2	2.7
Crafts	2,399	10.5	3,168,921	17.1	236,916	1.3	7.5
Jewelry and metalwork	1,206	5.3	1,836,503	9.9	79,292	.4	4.3
Pottery and ceramics	2,905	12.8	4,024,012	21.7	224,431	1.2	5.6
Painting/drawing/design	3,390	14.9	4,382,844	23.6	244,448	1.3	5.6
Photography/filmmaking	1,125	4.9	1,599,297	8.6	71,869	.4	4.5
Sculpture	1,146	5.0	1,688,324	9.1	39,420	.2	2.3
10.Industrial Arts	18,460	81.2	16,688,162	89.8	5,726,138	30.8	34.3
General industrial arts, Grade 7-8	6,391	28.1	4,629,226	24.9	1,071,533	5.8	23.1
General industrial arts, 1st year	7,728	34.0	6,068,062	32.7	503,130	2.7	8.3
General industrial arts, 2d year	3,308	14.6	2,202,041	11.9	105,520	.6	4.8
General industrial arts, 3d/4th year	2,175	9.6	1,449,429	7.8	62,818	.3	4.3
Homo mechanics	624	2.7	683,064	3.7	32,963	.2	4.8
Industrial arts for girls	370	1.6	283,373	1.5	16,911	.1	6.0
Exploratory industrial arts/career orientation	669	2.9	623,639	3.4	69,630	.4	11.2
Building and construction	1,254	5.5	1,264,237	6.8	63,860	.3	5.1
Carpentry/woodworking	1,387	6.1	1,277,139	6.9	46,354	.2	3.6
Woods, general, Grade 7-8	2,043	9.0	1,866,345	10.0	248,487	1.3	13.3
Woods, general, Grade 9-12	8,047	35.4	9,116,865	49.1	641,304	3.5	7.0
Crafts, Grade 7-8	608	2.7	463,031	2.5	67,088	.4	14.5
Crafts, Grade 9-12	1,297	5.7	1,282,868	6.9	94,983	.5	7.4
Jewelry/art metals	789	3.5	948,479	5.1	59,541	.3	6.3
Leather/textiles/upholstery	512	2.3	379,896	2.0	29,053	.2	7.6
Plastics	882	3.9	938,870	5.1	57,656	.3	6.1
Drafting/drawing, Grade 7-8	928	4.1	868,710	4.7	100,267	.5	11.5
Drafting/drawing, Grade 9-12	6,096	26.8	6,733,755	36.2	322,436	1.7	4.8
Drafting/drawing, other specialized drawing	1,739	7.6	2,371,910	12.8	54,489	.3	2.3
Drawing, mechanical, Grade 7-8	806	3.5	672,356	3.6	91,946	.5	13.7
Drawing, mechanical, Grade 9-12	5,129	22.6	5,551,584	29.9	271,648	1.5	4.9
Electricity/electronics	534	2.3	820,395	4.4	21,674	.1	2.6
Electricity, Grade 7-8	739	3.3	809,442	4.4	76,110	.4	9.4
Electricity, Grade 9-12	4,233	18.6	5,460,446	29.4	201,225	1.1	3.7
Graphic arts, Grade 7-8	593	2.6	720,857	3.9	66,794	.4	9.3
Graphic arts, Grade 9-12	2,256	9.9	3,303,257	17.8	127,805	.7	3.9
Photography	1,035	4.6	1,257,959	6.8	54,168	.3	4.3
Printing/photolithography/graphic communications	625	2.7	961,939	5.2	34,110	.2	3.5
Applied shop	337	1.5	368,432	2.0	30,792	.2	8.4
Industrial arts mathematics/science	552	2.4	725,683	3.9	28,441	.2	3.9
Manufacturing	470	2.1	569,450	3.1	44,967	.2	7.9
Industrial materials/technology/processes	540	2.4	728,882	3.9	33,778	.2	4.6
Metalworking, Grade 7-8	1,258	5.5	1,396,451	7.5	158,947	.9	11.4
Metalworking, Grade 9-12, and foundry	6,311	27.8	7,398,448	39.8	377,064	2.0	5.1
Welding	1,425	6.3	1,140,226	6.1	54,894	.3	4.8
Automotive mechanics	2,867	12.6	3,207,494	17.3	200,125	1.1	6.2
Power/automotive mechanics	1,220	5.4	1,631,147	8.8	76,661	.4	4.7
Power mechanics	2,188	9.6	2,358,198	12.7	126,946	.7	5.4

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09 Home economics (courses)	10,405	85.8	10,898,899	60.0	4,651,635	25.0	27.5
Home economics, N.E.C.	1,370	6.0	1,605,034	8.0	93,891	.5	5.8
Home economics, Grade 7	5,031	20.1	4,423,830	23.8	661,076	3.0	15.0
Home economics, Grade 8	7,898	34.7	5,801,268	31.2	740,447	4.0	12.8
Home economics, 1st year	12,539	55.2	9,830,276	52.0	676,666	3.0	6.0
Home economics, 2d year	7,074	33.8	5,649,070	30.4	234,003	1.3	4.2
Home economics, 3d/4th year	5,675	24.5	3,895,201	21.0	150,807	.8	3.0
Home economics for boys	3,285	14.5	3,167,451	17.1	144,393	.8	4.6
Child development	3,859	17.0	4,665,367	25.1	180,477	1.0	3.0
Clothing and textiles, 1st year	6,201	27.3	7,395,882	39.8	332,587	1.8	4.5
Clothing and textiles, 2d year	3,585	15.8	4,659,588	25.1	125,499	.7	2.7
Clothing and textiles, 3d/4th year/advanced	2,350	10.3	3,050,482	16.5	94,917	.5	3.1
Consumer education	1,600	7.0	1,568,442	8.4	67,585	.4	3.3
Family relations	5,025	20.1	0,105,075	32.0	298,532	1.6	4.0
Nutrition	1,102	5.2	1,517,333	8.2	76,422	.4	5.0
Foods, 1st year	5,761	25.3	6,799,072	36.0	360,777	1.9	5.3
Foods, 2d year	2,060	13.0	3,764,837	20.3	129,171	.7	3.4
Foods, 3d/4th year	1,660	7.3	1,991,368	10.7	66,569	.4	3.3
Home management	1,720	7.0	2,052,440	11.0	61,767	.3	3.0
Housing and home furnishings	3,140	13.8	3,650,201	19.7	100,654	.5	2.8
Health and home nursing	970	4.3	1,201,497	7.0	53,505	.3	4.1
17.Trades and Industry (courses)	4,142	18.2	4,410,084	23.7	484,484	2.6	11.0
Trades and industry, N.E.C./other specified	269	1.2	207,204	1.0	18,070	.1	0.3
ICT (co-op)	283	1.2	342,040	1.8	17,621	.1	5.1
Graphic arts I/II/III/commercial art/photography	478	2.1	787,142	4.2	10,265	.1	2.1
Printing/lithography	300	1.3	449,317	2.4	11,270	.1	2.5
Textile/leather production/fabrication/maintenance	211	.9	274,665	1.5	8,168	..	3.0
Electricity, 1st year	932	4.1	1,145,171	6.2	27,222	.1	2.4
Electricity, 2d/3d/4th year/small engine repair	473	2.1	610,225	3.3	10,702	.1	1.8
Electronics, 1st year	892	3.7	1,169,658	6.3	21,205	.1	1.8
Electronics, 2d/3d/4th year	439	1.9	655,810	3.6	7,598	..	1.2
Body and fender mechanics, 1st/2d year	687	3.0	839,028	4.5	14,277	.1	1.7
Automotive mechanics, 1st/2d year/diesel	1,041	8.5	2,262,052	12.2	75,077	.4	3.3
Aviation and aircraft mechanics (airframe)	145	.6	188,005	1.0	8,827	..	4.7
Construction maintenance trades/air conditioning	452	2.0	544,421	2.9	11,830	.1	2.2
Masonry	391	1.7	460,895	2.5	11,222	.1	2.4
Carpentry, 1st/2d year	1,012	4.5	1,077,165	5.8	25,747	.1	2.4
Woodworking, 1st year	682	3.0	757,050	4.1	37,410	.2	4.0
Woodworking, 2d/3d/4th year and cabinetmaking	600	2.6	684,421	3.7	19,167	.1	2.8
Drafting/mechanical drawing, 1st/2d year	320	1.4	513,710	2.8	15,261	.1	1.0
Machine shop	1,111	4.9	1,549,527	8.3	39,353	.2	2.5
Metalworking, 1st/2d/3d year and foundry	194	.9	341,879	1.8	10,433	.1	3.1
Sheet metal, 1st/2d year	289	1.3	381,208	2.1	9,454	.1	2.5
Welding and cutting, 1st/2d year	888	3.9	942,375	5.1	10,459	.1	2.1
Cosmetology, 1st/2d/3d year and barbering	797	3.5	1,069,020	5.8	21,090	.1	2.0
Cook/chef	389	1.7	465,537	2.5	9,246	..	2.0
Vocational group guidance/exploratory	270	1.2	330,538	1.8	17,018	.1	5.4
03.Business	18,371	80.8	15,927,514	85.7	6,506,182	35.0	40.8
Exploratory/general business	6,500	41.8	9,283,374	50.0	597,473	3.2	0.4
Accounting	2,151	9.5	2,041,797	14.2	100,476	.5	3.8

TABLE A.—PUBLIC SECONDARY SCHOOLS OFFERING SPECIFIC COURSES, ENROLLMENTS IN THE SCHOOLS AND COURSES, AND THEIR PERCENT OF U.S. TOTALS, BY COURSE TITLE: UNITED STATES, 1972-73—CONTINUED

(U.S. TOTAL SECONDARY SCHOOLS = 22,737; U.S. TOTAL SECONDARY ENROLLMENT = 18,577,234)

SUBJECT AREA AND COURSE TITLE (1)	Secondary Schools Offering Course		Secondary School Enrollment In Schools Offering Course		Course Enrollment, 1972-73		
	Number (2)	As Percent Of U.S. Total (3)	Number (4)	As Percent Of U.S. Total (5)	United States Total (6)	As Percent Of U.S. Total Enrollment (7)	Percent of Enrollment In Schools Offering Course (8)
03 Business (continued)							
Bookkeeping I	0,727	47.2	0,270,242	40.0	470,305	2.0	5.1
Bookkeeping II/III/IV	3,072	13.5	3,803,710	20.8	64,011	.3	1.7
Recordkeeping	3,089	13.6	4,071,401	21.0	162,844	.9	4.0
Business arithmetic/mathematics	5,764	25.4	0,181,752	33.3	353,441	1.0	5.7
Business communication/correspondence	2,033	12.0	3,443,535	18.5	111,508	.6	3.2
Business law	0,344	27.0	7,450,168	40.1	220,940	1.2	3.1
Business machines, 1st/2d year	3,641	10.0	4,512,536	24.3	152,010	.8	3.4
Clerical practice/office work experience	4,153	18.3	4,089,698	26.3	101,014	.9	3.3
Computer operation/key punching/data processing	2,022	0.9	3,111,101	16.7	90,062	.5	2.0
Consumer economics	1,587	7.0	1,775,620	9.0	60,468	.3	3.4
Consumer education	990	4.4	1,275,202	6.9	70,020	.4	5.5
Economics/finance/business management	3,782	16.6	4,195,109	22.0	124,604	.7	3.0
Marketing and distribution	834	3.7	1,210,940	6.0	38,117	.2	3.1
Retailing/wholesaling	911	4.0	1,420,513	7.0	42,269	.2	3.0
Salesmanship	1,352	5.0	1,070,835	10.7	40,183	.3	2.5
Shorthand for personal use	1,930	0.5	2,512,059	13.5	62,237	.3	2.5
Shorthand, 1st year	11,087	48.0	10,667,393	56.0	382,032	2.1	3.0
Shorthand, 2d year/advanced	5,041	25.7	7,050,115	38.0	122,304	.7	1.7
Secretarial practices	4,412	10.4	4,380,040	23.0	100,156	.5	2.3
Typewriting for personal use	5,768	25.4	0,400,807	34.0	515,382	2.0	7.0
Typewriting, 1st year	15,914	70.0	13,930,453	75.0	1,974,474	10.6	14.2
Typewriting, 2d/3d/4th year	10,160	44.7	9,027,244	51.0	465,259	2.5	4.8
01 Agriculture (courses)							
Agriculture, Grades 7 and 8	638	2.0	373,030	2.0	20,391	.2	7.0
Agriculture, 1st year	4,027	20.4	2,881,553	15.5	140,512	.8	4.0
Agriculture, 2d year	3,789	10.7	2,207,530	12.4	70,295	.4	3.5
Agriculture, 3d/4th year	3,122	13.7	1,801,469	9.7	84,250	.5	4.7
Agricultural management/production/supplies	323	1.4	204,707	1.0	9,209	.1	3.1
Agricultural mechanics/construction	513	2.3	354,002	1.9	14,272	.1	4.0
Ornamental horticulture	201	1.3	411,020	2.2	12,808	.1	3.1
Agricultural resources/conservation/forestry	182	.8	197,780	1.1	6,000	.0	3.0
20 Bilingual Education							
Bilingual education, all subject areas	84	.4	142,541	.8	0,120	.0	0.4
Bilingual education, all subject areas	84	.4	142,541	.8	0,126	.0	0.4

TABLE B.—COURSE ENROLLMENTS IN SUBJECT AREAS, AND THEIR PERCENTAGES OF TOTAL PUPILS ENROLLED IN GRADES 7 TO 12 OF PUBLIC SECONDARY SCHOOLS: UNITED STATES, 1948-49, 1960-61, AND 1972-73

Subject Area	1948-49		1960-61		1972-73	
	Number	Percent	Number	Percent	Number	Percent
Total Pupils, grades 7-12	6,907,833	100.0	11,732,742	100.0	18,577,234	100.0
English language arts	7,098,770	102.8	12,972,236	110.6	24,079,059	129.6
Health and physical education ^{1/}	7,794,671	112.8	12,081,639	103.0	21,517,330	115.8
Social sciences	6,981,980	101.1	11,802,499	100.1	18,898,794	101.7
Mathematics	4,457,987	64.5	8,596,396	73.3	13,240,326	71.3
Natural sciences	4,031,044	58.4	7,739,877	66.0	12,475,429	67.2
Music	2,484,201	36.0	4,954,347	42.2	6,111,223	32.9
Business education ^{2/}	3,186,207	46.1	4,667,570	39.8	6,376,633	34.2
Industrial arts	1,762,242	25.5	3,361,699	28.7	5,726,138	30.8
Home economics ^{2/}	1,693,825	24.5	2,915,997	24.9	4,651,535	25.0
Foreign languages	1,234,544	17.9	2,576,354	22.0	4,510,947	24.3
Art	1,219,693	17.7	2,383,703	20.3	5,115,981	27.6
Agriculture ^{2/}	373,395	5.4	507,992	4.3	374,622	2.2
Vocational trade and industrial education ^{2/}	369,794	5.4	344,704	2.9	484,484	2.6
Distributive education ^{2/}	(3/)	(3/)	38,363	.3	129,549	.7
Other ^{2/} ^{4/}	111,053	1.6	106,467	.9	9,126	(5/)

^{1/} Includes driver education and ROTC.

^{2/} 1972-73 data include only individual courses. In addition to these courses, schools reported the following enrollment in programs which represent enrollment in 2 or more courses: office occupations (308,883), home economics (305,386), agriculture (241,171), trade and industrial occupations (486,522), distributive education (323,474), and other (343,132).

^{3/} Not reported separately in 1948-49.

^{4/} 1972-73 "other" represents only bilingual courses. Special education and interdisciplinary courses will be shown separately in the final report of this survey.

Less than 0.1 percent.

NOTE.—Percentages exceed 100.0 because a pupil may be enrolled in more than one course within a subject area during the school year.

SOURCES: U.S. Department of Health, Education, and Welfare, Office of Education, *Subject Offerings and Enrollments in Public Secondary Schools, 1965.*

Federal Security Agency, Office of Education, *Offerings and Enrollments in High-School Subjects, 1948-49, 1951.*

TABLE C.—NUMBER OF PUBLIC SCHOOL PUPILS IN GRADES 9 TO 12 ENROLLED IN SPECIFIED SUBJECT AREAS:
UNITED STATES, SELECTED YEARS, 1890 TO 1973

COURSE TITLE OR SUBJECT AREA (1)	ENROLLMENTS, SELECTED YEARS									
	1890 (2)	1900 (3)	1910-14 (4)	1915-16 (5)	1922-23 (6)	1928-29 (7)	1934-35 (8)	1948-49 (9)	1960-61 (10)	1972-73 (11)
Total Enrollment	202,983	519,251	739,143	1,165,495	2,155,460	2,896,630	4,496,514	5,399,452	8,219,276	13,438,263
English (regular 9-12)		199,803	422,051	680,871	1,652,232	2,696,633	4,071,094	5,015,890	7,778,734	9,556,214
Journalism					2,224	6,639	31,246	100,147	136,671	322,886
Speech and public speaking							103,183	246,213	454,347	776,211
U.S. History					329,565	517,331	779,489	1,231,694	1,994,058	3,463,837
English History	55,427	198,125	406,784	589,067	61,766	25,203	21,913	1,043	1,011	4,426
Ancient History					371,392	301,794	304,025	192,847	197,068	96,488
Medieval/Modern History					330,636	327,313	276,236			140,010
World History						175,628	536,178	876,432	1,471,531	1,545,436
Civics and government		112,465	114,065	183,294	416,320	192,467	268,338	431,916	780,123	1,306,152
Community civics, Grade 9						387,910	465,954	(3)	732,609	448,896
Geography						8,790	94,071	301,652	595,150	736,495
Problems of Democracy						30,200	166,707	282,971	380,453	298,157
Economics					103,540	147,035	221,674	254,770	293,175	592,012
Sociology					51,288	77,117	111,718	186,901	289,408	795,850
Psychology		12,368	7,109	13,626	18,786	29,669	15,025	46,547	146,377	590,370
Algebra	92,150	202,287	420,207	569,215	765,515	1,020,323	1,307,210	1,448,966	2,349,017	3,499,638
General mathematics					266,918	228,231	331,348	704,742	1,427,312	1,936,914
Geometry	43,294	142,235	228,170	309,383	488,825	573,668	767,171	693,280	1,133,021	1,600,174
Trigonometry		9,915	13,812	17,220	32,930	36,855	59,658	108,551	246,225	411,154
General science					393,885	607,038	798,227	1,121,980	1,826,087	1,086,020
Biology			7,883	80,403	189,288	393,391	656,693	995,930	1,776,306	2,668,352
Botany			116,497	106,520	82,241	46,062	41,075	7,670	4,996	47,188
Zoology			51,370	37,456	32,056	22,165	27,275	5,051	5,924	61,864
Physiology		142,401	113,252	110,541	109,519	77,650	81,632	53,592	65,953	109,588
Earth science		154,513	155,401	178,693	97,140	81,017	78,559	20,575	76,564	558,654
Chemistry	20,503	40,084	50,923	86,031	159,413	204,594	339,769	412,401	744,820	1,028,591
Physics	46,184	98,646	107,988	165,854	192,380	198,402	282,896	291,473	402,317	583,105
French	11,858	40,395	73,161	102,516	333,162	406,012	488,710	255,375	661,190	1,043,644
German	21,338	74,408	175,083	264,294	13,918	53,250	106,672	43,025	141,517	400,111
Italian					359	2,552	10,434	15,552	15,733	37,997
Latin	70,411	262,767	362,548	434,925	593,086	636,952	721,320	422,304	637,476	195,115
Russian								14	9,342	17,906
Spanish			4,920	31,743	242,715	273,564	280,329	443,995	806,827	1,715,294
Physical education					123,568	435,383	2,277,775	3,747,220	6,061,376	12,102,888
Music				367,188	544,770	754,245	1,148,732	1,625,235	2,302,900	3,305,820
Art				260,492	317,825	339,485	391,754	480,232	1,589,140	2,634,565
Industrial arts				130,155	295,005	391,520	946,128	1,064,508	1,060,000	3,534,016
Vocational-industrial								369,794	344,704	486,864
General business training						86,629	276,672	279,577	461,794	538,228
Bookkeeping				39,816	270,517	310,232	446,463	472,163	630,714	682,936
Typewriting					281,524	439,379	749,315	1,216,142	1,902,592	2,715,855
Shorthand					191,901	251,631	404,237	421,635	550,321	532,419
Business law					10,611	76,434	144,342	130,585	167,101	224,953
Office practice					7,721	44,364	80,104	108,201	189,935	301,636
Home economics			27,933	150,276	307,553	477,503	751,807	1,304,846	1,901,128	3,237,882
Agriculture			34,418	63,573	110,242	106,086	159,763	364,185	507,992	583,012

¹ For the years 1910 to 1934 the figures represent the number of pupils enrolled in the last 4 years of all public secondary day schools that returned usable questionnaires. For 1890, 1900, 1949, and 1961 the figures represent the total number of pupils enrolled in the last 4 years of all public secondary day schools.

² Includes enrollment in composition and in literature.

³ Comparable data for 1948-49 are not available.

⁴ Enrollment in grades 9 to 12 estimated from the total. This estimation was necessary because the data for the subject did not fully identify Grades 9 to 12 enrollment apart from Grades 7 and 8.

NOTE.—When necessary, the subjects reported in previous surveys were analyzed, and appropriate components were either recombined, separately listed, or eliminated (with corresponding changes in the number enrolled) in a manner to yield as close comparability as possible with the data of the current (1972-73) survey.

APPENDIX A

TECHNICAL APPENDIX

Source of data. The purpose of the 1972-73 Survey of Public Secondary School Offerings, Enrollments, and Curriculum Practices was to obtain State-by-State and national estimates in the field of curriculum, determining the choice of courses available to pupils and the extent to which those pupils availed themselves of offerings in the approximately 23,000 public schools with grades 7 and above in the 50 States and the District of Columbia. The estimates appearing in this report are based upon the data collected from a sample of these schools.

The sample design was a one-stage stratified simple random sample wherein the schools were stratified by State, location, enrollment size, and school grade as shown below.

A. Location:

- a. Large-city schools--schools located in cities having a 1970 census population over 200,000.
- b. Other schools--schools located outside the large cities.

B. Enrollment size:

- a. 1,500 or greater
- b. 1,000-1,499
- c. 500- 999
- d. 300- 499
- e. 100- 299
- f. Under 100

C. School grade:

- a. Junior high--schools having grades 7, 7-8, 7-9, 8 or 8-9.
- b. Senior high--schools having grades 9, 9-10, 9-11, 9-12, 10, 10-11, 10-12, 11, 11-12 or 12.
- c. Combined--schools having grades 7-10, 7-11, 7-12, 8-10, 8-11 or 8-12.

The sample was selected from the National Center for Education Statistics' 1971-72 universe of public elementary and secondary day schools, the most recent base available at the time of selection.

The size of the sample for a given State was tentatively determined as the number of schools that would be re-

quired from all secondary schools in the State for a simple random sample on the premise that the probability was 0.50 that a school would have a given course with a relative error of 0.125 at the 2 sigma level. This sample size was allocated among the different strata on the basis of (1) the proportion of the enrollment in the stratum and of (2) the number of schools in the stratum. Using the larger of the two numbers in the stratum that was generated by these two allocation procedures, a new State sample size was determined. The purpose of this method was to increase the sampling rate for the smaller schools. In the 1,500 or greater enrollment stratum, all schools, whose enrollment was greater than the total enrollment in the stratum divided by the number of sampled schools in the stratum, were selected with certainty.

Except for those schools that were selected with certainty because of size, the sample in each stratum was machine selected through the use of a random number generator program.

Survey Procedure. In early March, 1973, 8,489 survey instruments were mailed out with a due date of March 31, 1973. Mailout of the forms was conducted using three basic formats: mailing of the forms to the 29 SEA's (State education agencies) under contract to perform the data gathering and preliminary editing of the forms; direct mailing of the forms to the LEA's (Local education agencies); and mailing of the forms to SEA's or individual LEA's in States not under contract to the Office of Education.

Where applicable, two follow-up letters, a certified letter and a final telephone interview were used to the State coordinators, the LEA's or to the individual schools in order to achieve the survey's overall 95.8 percent response rate.

Manual and machine editing of the forms were used to check the data for accuracy, consistency and presence-absence items. For those items that involved the omission of key data, inconsistencies in reporting or undecipherable information, clarifications were obtained from the respondents at either the State or school level, depending upon the preference of the State department of education. The estimating procedure used in this survey involved the inflation of the data from a sampled school by the inverse of the school's probabil-

Table A-1. Number of schools in the universe (N), in the sample (n), responding to the sample (n') and the response rate (n'/n), by school grade and enrollment size in all locations

School grade 1/		Total	Enrollment size					
			1,500 & over	1,000-1,499	500-999	300-499	100-299	Under 100
Junior high	N	7,398	385	1,487	3,440	1,030	857	199
	n	2,509	183	635	1,208	272	172	39
	n'	2,421	179	619	1,167	262	162	32
	n'/n	.965	.978	.975	.966	.963	.942	.821
Senior high	N	10,987	2,480	1,758	2,658	1,380	1,809	902
	n	4,321	1,484	838	959	394	431	215
	n'	4,150	1,442	818	919	369	408	194
	n'/n	.960	.972	.976	.958	.937	.947	.902
Combined	N	4,352	193	370	1,090	932	1,428	339
	n	1,363	136	171	377	264	336	79
	n'	1,279	131	166	354	249	306	73
	n'/n	.938	.963	.971	.939	.943	.911	.924
Total	N	22,737	3,058	3,615	7,188	3,342	4,094	1,440
	n	8,193	1,803	1,644	2,544	930	939	333
	n'	7,850	1,752	1,603	2,440	880	876	299
	n'/n	.958	.972	.975	.959	.946	.933	.898

1 Junior high—schools having grades 7, 7-8, 7-9, 8 or 8-9.
 Senior high—schools having grades 9, 9-10, 9-11, 9-12, 10, 10-11, 10-12, 11, 11-12 or 12.
 Combined—schools having grades 7-10, 7-11, 7-12, 8-10, 8-11 or 8-12.

ity of selection in the 1972-73 universe of public elementary and secondary day schools. In order to account for the nonresponding schools in the stratum, the weights assigned to the responding schools [in the stratum] were increased accordingly. It is noted that in this more current universe there were 22,737 schools that met the specifications of this survey.

Of the 8,489 schools that were in the original sample, 296 or 3.5 percent were found to be ineligible due to such factors as grade span changes and the closing of schools from the previous year.

Table A-1 shows the number of schools in the 1972-73 universe meeting the survey's specifications, the number of schools in the sample after adjustments had been made to account for enrollment and grade changes between the 1971-72 and the 1972-73 school years, the number of schools that responded, and the response ratio. Tables A-2 and A-3 show similar information for schools in large cities and for schools outside large cities, respectively.

Reliability of the estimates. Since the estimates in this report are based on a sample, they differ somewhat from the figures that would have been obtained from a complete census, using the same schedules, instructions, and procedures. Particular care should be exercised in the interpretation of figures based on a relatively small number of cases as well as small differences between figures. As in any survey work, the results are subject to errors of response and nonreporting as well as being subject to sampling variability.

The standard error is primarily a measure of sampling variability, that is, of the variations that occur by chance because a sample rather than the whole of the population is surveyed. As calculated for this report, the standard error also partially measures the effect of certain response and processing errors, but it does not measure any systematic biases in the data. The chances are 68 out of 100 that an estimate from a sample would differ from a complete census figure by less than the standard error. The changes are about 95 out of 100 that the difference would be less than twice the standard error.

Table A-2. Number of schools in the universe (N), in the sample (n), responding to the sample (n') and the response rate (n'/n) by school grade and enrollment size; located in large cities

School grade 1/		Total	Enrollment size					
			1,500 & over	1,000-1,499	500-999	300-499	100-299	Under 100
Junior high	N	1,282	191	453	504	68	47	19
	n	519	89	199	193	28	7	3
	n'	500	87	195	182	26	7	3
	n'/n	.963	.978	.980	.943	.929	1.000	1.000
Senior high	N	1,159	732	205	145	34	31	12
	n	678	478	112	54	16	13	5
	n'	660	469	107	51	15	13	5
	n'/n	.973	.981	.955	.944	.938	1.000	1.000
Combined	N	184	62	49	25	12	21	15
	n	112	51	32	9	8	5	7
	n'	102	48	31	8	7	2	6
	n'/n	.911	.941	.969	.989	.875	.400	.857
Total	N	2,625	985	707	674	114	99	46
	n	1,309	618	343	256	52	25	15
	n'	1,262	604	333	241	48	22	14
	n'/n	.964	.977	.971	.941	.923	.880	.933

1 Junior high—schools having grades 7, 7-8, 7-9, 8 or 8-9.

Senior high—schools having grades 9, 9-10, 9-11, 9-12, 10, 10-11, 10-12, 11, 11-12 or 12.

Combined—schools having grades 7-10, 7-11; 7-12, 8-10, 8-11 or 8-12.

The figures presented in tables A-4 through A-7 are approximations to standard errors of various estimates shown in this report. In order to derive standard errors that would be applicable to a wide variety of items and could be prepared at a moderate cost, a number of approximations were required. As a result, the tables of standard errors provided are an indication of the order of magnitude rather than the precise standard error for any specific item.

Table A-4 contains the standard errors of estimates of the number of students enrolled in specific courses and estimates of the enrollment in the schools offering the course. Table A-5 contains the standard errors of the estimated number of schools offering specific courses. Linear interpolation in these tables may be used to obtain the standard errors for intermediate values not shown.

The reliability of an estimated percentage, computed by using sample data for both the numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the per-

centage is based. Estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerators of the percentages, particularly if the percent is large (50 percent or greater). Although percentage distributions are shown in this report, they are the base of the percentage for enrollment is less than 25,000 and the base for the number of schools is less than 200, there is little chance that, because of the large standard errors involved, they would reveal useful information. Although standard errors are not provided here these smaller estimates are furnished primarily to permit such combinations of the courses as serve each user's needs.

Table A-6 shows the standard errors of the estimated percentages of enrollment. Table A-7 shows the estimated percentages of schools. Linear interpolation in these tables may be used to obtain standard errors for intermediate values not shown.

Illustration of the use of tables of standard errors of numbers. Table A of this report shows that there were 2,114,681 students enrolled in English, Grade 7. Table

Table A-3. Number of schools in the universe (N), in the sample (n), responding to the sample (n') and the response rate (n'/n) by school grade and enrollment size; in locations outside large cities

School grade 1/		Total	Enrollment size					
			1,500 & over	1,000-1,499	500-999	300-499	100-299	Under 100
Junior high	N	6,116	194	1,034	2,936	962	810	180
	n	1,990	94	436	1,015	244	165	36
	n'	1,921	92	424	985	236	155	29
	n'/n	.965	.979	.972	.970	.967	.939	.806
Senior high	N	9,828	1,748	1,553	2,513	1,346	1,778	890
	n	3,643	1,006	726	905	378	418	210
	n'	3,490	973	711	868	354	395	189
	n'/n	.958	.967	.979	.959	.937	.945	.900
Combined	N	4,168	131	321	1,065	920	1,407	324
	n	1,251	85	139	368	250	331	72
	n'	1,177	83	135	346	242	304	67
	n'/n	.941	.976	.971	.940	.945	.918	.931
Total	N	20,112	2,073	2,908	6,514	3,228	3,995	1,394
	n	6,884	1,185	1,301	2,288	878	914	318
	n'	6,558	1,148	1,270	2,199	832	854	285
	n'/n	.957	.969	.976	.961	.948	.934	.896

1. Junior high—schools having grades 7, 7-8, 7-9, 8 or 8-9.

Senior high—schools having grades 9, 9-10, 9-11, 9-12, 10, 10-11, 10-12, 11, 11-12 or 12.

Combined—schools having grades 7-10, 7-11, 7-12, 8-10, 8-11 or 8-12.

A-4 shows the standard error on an estimate this size to be approximately 16,303. The chances are 68 out of 100 that the estimate would have been a figure differing from a complete census figure by less than 16,303. The chances are 95 out of 100 that the estimate would have differed from a complete census figure by less than 32,606 (twice the standard error).

Illustration of the use of the tables of standard errors of percentages. Table A of this report shows that an estimated 10.2 percent of all students enrolled in the schools offering the course "Literature, Eastern/Western/World" were enrolled in this course. Since the base of this percentage is 3,877,713, interpolation in table A-6 shows that the standard error of the estimated 10.2 percent is approximately 0.3 percent. The chances are 68 out of 100 that the estimate would have shown a figure differing from a complete census by less than 0.6 percent. That is, this 95 percent confidence interval would range from 9.6 to 10.8 percent.

Difference between two sample estimates. For a difference between two sample estimates, the standard error is approximately equal to the square root of the sum of the squares of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between two estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will over-estimate the true standard error. All statements of comparison appearing in the text are significant at a 1.6 standard error level or better. Most are significant at a level of more than 2.0 standard errors. Thus for most differences cited in the text, the estimated difference is greater than twice the standard error of the difference. Statements of comparison qualified in some way (e.g., by use of the phrase "some evidence") have a level of significance between 1.6 and 2.0 standard errors.

**Table A-4. Standard errors of estimated enrollments
(68 chances out of 100)**

Size of estimate	Standard error
1,000	748
5,000	1,432
10,000	1,871
25,000	2,738
50,000	3,640
75,000	4,373
100,000	4,795
250,000	6,708
500,000	8,940
750,000	10,605
1,000,000	11,830
5,000,000	29,580
10,000,000	43,580
15,000,000	60,000
20,000,000	76,200

**Table A-5. Standard errors of estimated
numbers of schools
(68 chances out of 100)**

Size of estimate	Standard error
50	13
100	17
200	22
500	32
1,000	41
5,000	77
10,000	100
15,000	114
20,000	126
25,000	139

**Table A-6. Standard errors of estimated percentages of enrollments
(68 chances out of 100)**

Estimated percentage	Base of estimated percentage (thousands)											
	25	50	75	100	250	500	750	1,000	5,000	10,000	15,000	20,000
2 or 98	2.0	1.5	1.2	1.0	0.6	0.4	0.3	0.2	0.1	0.06	0.05	0.04
5 or 95	3.3	2.1	1.7	1.4	0.8	0.5	0.4	0.4	0.1	0.09	0.07	0.06
10 or 90	4.1	2.8	2.2	1.8	1.1	0.7	0.6	0.5	0.2	0.1	0.09	0.08
25 or 75	5.7	3.7	2.8	2.5	1.4	0.9	0.7	0.6	0.2	0.2	0.1	0.1
50	6.1	4.1	3.1	2.7	1.6	1.0	0.8	0.7	0.3	0.2	0.1	0.1

**Table A-7. Standard errors of estimated percentages of numbers of schools
(68 chances out of 100)**

Estimated percentage	Base of estimated percentage								
	200	500	1,000	5,000	10,000	15,000	20,000	25,000	
2 or 98	2.5	1.4	0.9	0.3	0.2	0.2	0.1	0.1	
5 or 95	3.5	2.0	1.3	0.5	0.3	0.2	0.2	0.2	
10 or 90	4.6	2.6	1.7	0.6	0.4	0.3	0.3	0.2	
25 or 75	6.0	3.4	2.2	0.8	0.5	0.4	0.4	0.3	
50	6.6	3.7	2.4	0.9	0.6	0.4	0.4	0.3	

APPENDIX B: REPRODUCTION OF SURVEY FORM

(Please DO NOT use typewriter. Use pen or pencil in responding)

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE OFFICE OF EDUCATION WASHINGTON, D.C. 20202 ELEMENTARY-SECONDARY GENERAL INFORMATION SYSTEM (ELSEGIS V) PART B-4, SURVEY OF PUBLIC SECONDARY SCHOOL OFFERINGS, ENROLLMENTS, AND CURRICULUM PRACTICES, 1972-73	THIS SURVEY IS BEING CONDUCTED BY THE U.S. Office of Education National Center for Educational Statistics Elementary and Secondary Surveys Branch Washington, D.C. 20202
O.M.B. NO. 81-871037 APPROVAL EXPIRES: 9/30/73	
OE SCHOOL CODE (copy from address label)	
DATE DUE NOT LATER THAN MARCH 31, 1973	

NAME AND ADDRESS OF SCHOOL (Make any needed corrections below, including ZIP code)

PURPOSE OF THE SURVEY

This questionnaire is intended to find out what courses and programs are being offered in grades 7 through 12 in secondary schools of the United States and how many pupils are participating in each. In addition, we hope to learn of current trends in the presentation of subject matter and changes in teaching techniques since the last comparable studies were conducted some 12 years ago.

NOTE: Please read instructions carefully before completing this form.

PART I: SCHOOL DATA, 1972-73 SCHOOL YEAR

1. ENCIRCLE EACH GRADE INCLUDED IN YOUR SCHOOL

PK	K	1	2	3	4	5	6	7	8	9	10	11	12
(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)

2. WRITE IN THE TOTAL ENROLLMENT IN EACH OF THE SECONDARY LEVEL GRADES IN YOUR SCHOOL, ON OR ABOUT FEBRUARY 1, 1973. DO NOT DUPLICATE THE DATA IN ANY OF THE CELLS. ENTER A "0" FOR ANY GRADE WITH NO ENROLLMENT THIS SCHOOL YEAR.

GRADE	UNGRADED*		POST GRADUATE	
	HANDICAPPED	OTHER THAN HANDICAPPED	OTHER THAN HANDICAPPED	POST GRADUATE
7	(03)	(04)	(05)	(06)
8	(07)	(08)	(09)	(10)
9	(11)	(12)	(13)	(14)
10	(15)	(16)	(17)	(18)
11	(19)	(20)	(21)	(22)
12	(23)	(24)	(25)	(26)

3. WHICH OF THE FOLLOWING TEACHING TECHNIQUES ARE IN USE IN YOUR SCHOOL IN GRADES 7-12? (Check all that apply and indicate subject areas)

FOR USE ONLY	TEACHING TECHNIQUES IN USE	SUBJECT AREAS
00003	A. TEAM TEACHING.	
00004	B. USE OF TEACHER AIDES	
00005	C. INDEPENDENT STUDY/RESEARCH	
00006	D. LARGE AND SMALL GROUP INSTRUCTION	
00007	E. TEACHING MACHINES AND OTHER PROGRAMMED INSTRUCTION	
00008	F. OTHER (Specify)	

INSTRUCTIONS AND DEFINITIONS

In this survey, ENROLLMENT means the number of pupils who would be in a class on a given day in February 1973 if all pupils were present.

SUBJECT AREA is a broad classification of knowledge traditionally used by schools, such as: Mathematics, Social Sciences, Art, etc. These are preceded by two-digit OE Code Numbers in Part II, which are based on the coding system used in Handbook VI, State Educational Reports Series, Standard Terminology for Curriculum and Instruction in Local and State School Systems.

NOTE: The numbering below is keyed to the questions on the left.

3A. TEAM TEACHING refers to classroom instruction involving two or more teachers who are jointly responsible for planning, instructing, and evaluating a given group of pupils.

3B. TEACHER AIDES are paid staff members performing activities of a nonteaching nature which are NOT classified as professional educational (score tests, prepare audiovisual materials, assume monitorial responsibilities, perform clerical tasks; read themes, etc.)

3C. INDEPENDENT STUDY/RESEARCH provides specified periods for pupils to work on individual projects under the general management of a teacher-adviser rather than attending regular classes. In some cases this may involve a formal contract or agreement.

3D. IN LARGE AND SMALL GROUP INSTRUCTION, large groups of students attend regularly scheduled instruction (lecture, TV), then meet one or more times in small-group discussions and other more individualized activities.

3E. TEACHING MACHINES AND OTHER PROGRAMMED INSTRUCTION refers to workbooks, textbooks, or mechanical devices programmed to help pupils attain a specified level of performance while progressing at their own pace. The term includes computer-assisted instruction and individually programmed instruction.



DE SCHOOL CODE
(copy from page 1)

PART I-Continued

4. WHAT SYSTEM ARE YOU USING FOR SCHEDULING CLASSES THIS YEAR?

00020

(03) UNIFORM CLASS PERIODS EACH WEEK

(04) ROTATING WEEKLY SCHEDULE

(05) INTERCHANGING SCHEDULES IN ALTERNATE WEEKS

(06) FLEXIBLE/MODULAR SCHEDULING

(07) OTHER (Specify)

4(04). In a ROTATING WEEKLY SCHEDULE, the time at which each course is scheduled usually varies with the day of the week. Thus, if on Monday, the order of classes is English, Social Studies, Art, Mathematics, Health, and Physical Education, the Tuesday sequence may begin with Social Studies and end with English, the Wednesday sequence may begin with Art and end with Social Studies, etc.

4(06). In modular scheduling, the day is divided into modules of 15 to 40 minutes, with single or multiple modules for specified activities at the different levels or for individual students, FLEXIBLE/MODULAR SCHEDULING reflects the use of class periods of varying lengths to meet specific needs.

5. AS PART OF YOUR SCHOOL CURRICULUM, DO YOU MAKE USE OF ANY OF THE FOLLOWING FOR PARTICULAR GROUPS OF PUPILS?

00030

(03) FIELD TRIPS

(04) USE OF OUTSIDE SPECIALISTS AVAILABLE IN THE AREA FOR CLASS PRESENTATIONS

(05) USE OF CLOSED CIRCUIT TELEVISION

(06) PROFESSIONAL THEATRICAL OR MUSICAL PRESENTATIONS IN THE SCHOOL

(07) INDIVIDUAL COUNSELING

(08) SEMINARS FOR SMALL GROUPS PARTICULARLY INTERESTED IN AN AREA OF STUDY

(09) COMMUNITY PARTICIPATION IN PLANNING AND/OR PRESENTING CLASS PROGRAMS

(10) SPECIALIZED GUIDANCE FOR NONPROFESSIONAL CAREER EDUCATION

00031

(03) STUDENT PARTICIPATION IN PLANNING CLASS ACTIVITIES

(04) SPECIAL SUMMER SCHOOL COURSE OFFERINGS FOR ENRICHMENT OF SCHOOL-YEAR PROGRAM

(05) EARLY ENTRANCE INTO COLLEGE

(06) COMPUTER ACCESS FOR PUPILS IN MATHEMATICS CLASSES

(07) COMPUTER ACCESS FOR PUPILS WORKING IN AREAS OTHER THAN MATHEMATICS

(08) SPECIALIZED TUTORING FOR GIFTED STUDENTS

(09) SPECIALIZED TUTORING FOR DISADVANTAGED STUDENTS

(10) PERMIT 7TH OR 8TH GRADERS TO TAKE COURSES USUALLY TAUGHT IN GRADES 9-12

(11) NONE OF THE ABOVE

(12)

OE SCHOOL CODE
(copy from page 1)

PART I-Continued

6. DOES THIS SCHOOL HAVE A CORE OR BLOCK TIME PROGRAM? (Check ONE)

1 YES 2 NO

If YES, enter the following information for each grade to which it is applicable. If more lines are needed, add on extra sheet.

FOR OE USE ONLY	GRADE LEVEL (12)	COURSES COMBINED IN CORE (Please list each grade level on a separate line)	NUMBER OF PUPILS ENROLLED (Not to be duplicated in Part II) (13)	MINUTES PER DAY FOR CORE PROGRAM (14)	Min.
00032					Min.
00033					Min.
00034					Min.

6. A CORE PROGRAM or a BLOCK TIME PROGRAM is an integrated program of classes meeting for a block of time equal to two or more periods and combining or replacing required courses that would otherwise be taught separately. Characteristically, core includes all pupils at a particular level, is guidance-oriented, is problem-oriented (with open-ended problems), ignores subject-area lines, and involves pupil-teacher planning within prescribed guidelines. Frequent combinations in core are English, Social Studies, and Orientation in junior high school years.

Data reported for core programs in this item should not be reported in Part II of this form.

Before going on to Part II of this form, please review Part III, Enrollment of Pupils in Occupational Programs (page 16), to insure that you DO NOT DUPLICATE ENROLLMENT in the two sections. Part II is concerned with those individual courses for which a pupil may register in accordance with the general program of studies (curriculum) which he is following. Part III is concerned only with organized clusters or combinations of courses specifically designed for those pupils declaring their intentions to enter recognized nonprofessional careers or occupations such as those described in the State Plan for Vocational and Technical Education. The enrollment of such pupils in occupational programs is to be reported only in Part III.

EXAMPLE: If a student is involved in an organized Typing and Related Occupations Program he would be counted in Part III. If Typewriting I forms an integral unit of this program, he WOULD NOT be counted in the Typewriting I course in Part II of the form; however, he would be counted in those individual courses which are not a part of this specific occupational program (English grade 11, American History, etc.). The specific course enrollment (First Year Short-hand or Record Keeping) of a pupil in a general or college preparatory curriculum WOULD be counted in Part II exclusively.

**PART II. ENROLLMENT OF PUPILS BY COURSE, GRADES 7 TO 12,
1972-73 SCHOOL YEAR**

**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE PROCEEDING
TO FILL IN THIS PART OF THE FORM.**

Exclude data for grades below 7 or above 12, even though they may be part of your secondary school include college-level courses, if any, taught in grades 12 or below.

Report data for all courses for which credit and/or grades (including pass/fail) are given, but do not report on extracurricular activities. **EXTRACURRICULAR OR COCURRICULAR** activities are school-sponsored activities designed to provide opportunities for pupils to broaden their experience but not requiring participation nor awarding credit.

Data for CORE programs should be omitted here, but entered in Part I, item 6.

Before making any entry in each area of study, examine all courses on the basic list as well as the supplementary list, so that your response most accurately represents the course enrollments in your school, e.g., if you have four sections of elementary algebra, with two following the traditional course and two taking the SMSG course, the enrollment for each type should be reported separately. If this form does not contain a course you offer or if you are not entirely satisfied that similar content is covered by the title printed on the basic list, refer to the supplementary list of course titles printed below each subject area and the OE codes accompanying them. Please use these codes when entering your additional courses, recording both the title and the OE Code Number. If the course you offer does not fit any coded subject title, enter the name you use in the blank space under the appropriate subject area. **DO NOT CROSS OUT OR CHANGE** any course title printed on the form, if it does not fit your situation, leave it blank and follow the instructions above.

Additional titles for which there is not sufficient space in the particular subject area may be written in the section for "other courses" provided at the end of Part II, page 14. When reporting courses in this section, be certain to include the 2-digit subject area code along with the 6-digit OE course code.

Report course enrollments in the subject area giving the course in your school.

Special education courses for the handicapped (*Special English, special reading, special science, etc.*) should be reported in subject area 19 on page 14. Vocational and avocational training programs for the handicapped should be reported in Part III, page 18.

For purposes of this survey, **COOPERATIVE EDUCATION** should not be entered as a separate course, but should be reported under the single course-title most closely describing the subject matter covered.

For **INTERDISCIPLINARY** courses involving two or more subject areas, enter data in area 23 at the end of the individual subject area listings, page 14. Such courses involve the coordination of two or more subject specialists.

Make sure you include data for courses which your pupils are taking at vocational, technical, or other specialized centers. The enrollment in such courses not taught at your school should be preceded by an asterisk (*). If your school receives pupils from other schools for specified courses only, they enrollment **SHOULD NOT BE COUNTED** by your school.

ENROLLMENT

Report enrollments for the 1972-73 school year in column 4. Course enrollment should be reported as of a date when classes have achieved enrollment stability, usually sometime in February for the spring term.

Add together the pupils enrolled in all **CLASSES** taught in each course and report the total enrollment in that course only once, being careful not to duplicate enrollments between Parts II and III of this form. The presence of each pupil in each class should be reported only once. (*For purposes of this survey, the Classroom and Practice Driving phases of driver education should be considered as two separate courses.*)

For full-year courses, report the enrollment as of February 1, 1973. For shorter courses offered more than once during the school year, total the enrollments for each of the sessions, including the current session, and enter the sum in column 4. For courses shorter than a full year, offered only once during the school term, enter the total course enrollment for the one session.

NOTE: This questionnaire requests data on complete courses only, not units within a single course.

GRADE PLACEMENT

In responding to column 5, enter the grade level for which the course is designed and which represents most of the pupils enrolled in the particular course. For courses open to any pupil without regard to grade or prerequisite, enter "U" for ungraded in this space. If the course is restricted to lower-level (grade 7 to grade 8 or 9) or upper-level (grade 9 or 10 to grade 12) pupils, it should not be listed as "U", but should show the range of grades involved.

LENGTH OF COURSE

Enter in column 6 the length of each course in terms of weeks.

Enrollment in any course, such as Place Geometry, for example, which may be offered to some pupils for 36 weeks and others for 18 weeks, should be entered as two courses, one on the line prepared with the OE course code and title, and the other as a write-in, with the same code and title entered on one of the blank lines on the form, but showing the different duration.

FOR COURSES SHORTER THAN ONE YEAR, ADD TOGETHER THE ENROLLMENT FOR EACH SESSION AND REPORT ONLY THE TOTAL

OE SCHOOL CODE
(copy from page 1)

PART II-Continued

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
OE FOREIGN LANGUAGES-C&K											
C2311	GRADE 7	3	4	5	6	02118	Russian-4th year	1			
C2312	GRADE 8	3	4	5	6	02119	Russian-College level	1			
C2313	G	3	4	5	6	02113	Arabic-1st year	1			
C2314	1ST YEAR	3	4	5	6	02114	Arabic-2d year	1			
C2315	2D YEAR	3	4	5	6	02115	Arabic-3d year	1			
C2316	3D YEAR	3	4	5	6	02116	Arabic-4th year	1			
C2317	4TH YEAR	3	4	5	6	02117	Arabic-College level	1			
C2318	A	3	4	5	6	02118	Chinese-1st year	1			
C2319	R	3	4	5	6	02119	Chinese-2d year	1			
C2320	M	3	4	5	6	02120	Chinese-3d year	1			
C2321	A	3	4	5	6	02121	Chinese-4th year	1			
C2322	N	3	4	5	6	02122	Chinese-College level	1			
C2323	GRADES 9-12	3	4	5	6	02123	Czech-1st year	1			
C2324	1ST YEAR	3	4	5	6	02124	Czech-2d year	1			
C2325	2D YEAR	3	4	5	6	02125	Czech-3d year	1			
C2326	3D YEAR	3	4	5	6	02126	Czech-4th year	1			
C2327	4TH YEAR	3	4	5	6	02127	Czech-College level	1			
C2328	A	3	4	5	6	02128	Croat (Serbo-Croat)-1st year	1			
C2329	R	3	4	5	6	02129	Croat (Serbo-Croat)-2d year	1			
C2330	M	3	4	5	6	02130	Croat (Serbo-Croat)-3d year	1			
C2331	A	3	4	5	6	02131	Croat (Serbo-Croat)-4th year	1			
C2332	N	3	4	5	6	02132	Croat (Serbo-Croat)-College level	1			
C2333	GRADES 9-12	3	4	5	6	02133	Hawaiian-1st year	1			
C2334	1ST YEAR	3	4	5	6	02134	Hawaiian-2d year	1			
C2335	2D YEAR	3	4	5	6	02135	Hawaiian-3d year	1			
C2336	3D YEAR	3	4	5	6	02136	Hawaiian-4th year	1			
C2337	4TH YEAR	3	4	5	6	02137	Hawaiian-College level	1			
C2338	A	3	4	5	6	02138	Hebrew (Jewish)-1st year	1			
C2339	R	3	4	5	6	02139	Hebrew (Jewish)-2d year	1			
C2340	M	3	4	5	6	02140	Hebrew (Jewish)-3d year	1			
C2341	A	3	4	5	6	02141	Hebrew (Jewish)-4th year	1			
C2342	N	3	4	5	6	02142	Hebrew (Jewish)-College level	1			
C2343	GRADES 9-12	3	4	5	6	02143	Hebrew (Arabic)-1st year	1			
C2344	1ST YEAR	3	4	5	6	02144	Hebrew (Arabic)-2d year	1			
C2345	2D YEAR	3	4	5	6	02145	Hebrew (Arabic)-3d year	1			
C2346	3D YEAR	3	4	5	6	02146	Hebrew (Arabic)-4th year	1			
C2347	4TH YEAR	3	4	5	6	02147	Hebrew (Arabic)-College level	1			
C2348	A	3	4	5	6	02148	Russian-1st year	1			
C2349	R	3	4	5	6	02149	Russian-2d year	1			
C2350	M	3	4	5	6	02150	Russian-3d year	1			
C2351	A	3	4	5	6	02151	Russian-4th year	1			
C2352	N	3	4	5	6	02152	Russian-College level	1			

Before making an entry, examine all course carefully so that your response most accurately represents enrollment in each course per offer.

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
OE FOREIGN LANGUAGES-C&K											
C2311	Italian-Grade 7	3	4	5	6	02118	Russian-4th year	1			
C2312	Italian-Grade 8	3	4	5	6	02119	Russian-College level	1			
C2313	Italian-Grade 7	3	4	5	6	02113	Arabic-1st year	1			
C2314	Italian-Grade 8	3	4	5	6	02114	Arabic-2d year	1			
C2315	Italian-Grade 7	3	4	5	6	02115	Arabic-3d year	1			
C2316	Italian-Grade 8	3	4	5	6	02116	Arabic-4th year	1			
C2317	Italian-College level	3	4	5	6	02117	Arabic-College level	1			
C2318	French-Grade 7	3	4	5	6	02118	Chinese-1st year	1			
C2319	French-Grade 8	3	4	5	6	02119	Chinese-2d year	1			
C2320	French-Grade 7	3	4	5	6	02120	Chinese-3d year	1			
C2321	French-Grade 8	3	4	5	6	02121	Chinese-4th year	1			
C2322	French-College level	3	4	5	6	02122	Chinese-College level	1			
C2323	German-Grade 7	3	4	5	6	02123	Czech-1st year	1			
C2324	German-Grade 8	3	4	5	6	02124	Czech-2d year	1			
C2325	German-Grade 7	3	4	5	6	02125	Czech-3d year	1			
C2326	German-Grade 8	3	4	5	6	02126	Czech-4th year	1			
C2327	German-College level	3	4	5	6	02127	Czech-College level	1			
C2328	Spanish-Grade 7	3	4	5	6	02128	Croat (Serbo-Croat)-1st year	1			
C2329	Spanish-Grade 8	3	4	5	6	02129	Croat (Serbo-Croat)-2d year	1			
C2330	Spanish-Grade 7	3	4	5	6	02130	Croat (Serbo-Croat)-3d year	1			
C2331	Spanish-Grade 8	3	4	5	6	02131	Croat (Serbo-Croat)-4th year	1			
C2332	Spanish-College level	3	4	5	6	02132	Croat (Serbo-Croat)-College level	1			

Before making an entry, examine all course carefully so that your response most accurately represents enrollment in each course per offer.

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
OE FOREIGN LANGUAGES-C&K											
C2311	Italian-Grade 7	3	4	5	6	02118	Russian-4th year	1			
C2312	Italian-Grade 8	3	4	5	6	02119	Russian-College level	1			
C2313	Italian-Grade 7	3	4	5	6	02113	Arabic-1st year	1			
C2314	Italian-Grade 8	3	4	5	6	02114	Arabic-2d year	1			
C2315	Italian-Grade 7	3	4	5	6	02115	Arabic-3d year	1			
C2316	Italian-Grade 8	3	4	5	6	02116	Arabic-4th year	1			
C2317	Italian-College level	3	4	5	6	02117	Arabic-College level	1			
C2318	French-Grade 7	3	4	5	6	02118	Chinese-1st year	1			
C2319	French-Grade 8	3	4	5	6	02119	Chinese-2d year	1			
C2320	French-Grade 7	3	4	5	6	02120	Chinese-3d year	1			
C2321	French-Grade 8	3	4	5	6	02121	Chinese-4th year	1			
C2322	French-College level	3	4	5	6	02122	Chinese-College level	1			
C2323	German-Grade 7	3	4	5	6	02123	Czech-1st year	1			
C2324	German-Grade 8	3	4	5	6	02124	Czech-2d year	1			
C2325	German-Grade 7	3	4	5	6	02125	Czech-3d year	1			
C2326	German-Grade 8	3	4	5	6	02126	Czech-4th year	1			
C2327	German-College level	3	4	5	6	02127	Czech-College level	1			
C2328	Spanish-Grade 7	3	4	5	6	02128	Croat (Serbo-Croat)-1st year	1			
C2329	Spanish-Grade 8	3	4	5	6	02129	Croat (Serbo-Croat)-2d year	1			
C2330	Spanish-Grade 7	3	4	5	6	02130	Croat (Serbo-Croat)-3d year	1			
C2331	Spanish-Grade 8	3	4	5	6	02131	Croat (Serbo-Croat)-4th year	1			
C2332	Spanish-College level	3	4	5	6	02132	Croat (Serbo-Croat)-College level	1			

Before making an entry, examine all course carefully so that your response most accurately represents enrollment in each course per offer.

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
OE FOREIGN LANGUAGES-C&K											
C2311	Italian-Grade 7	3	4	5	6	02118	Russian-4th year	1			
C2312	Italian-Grade 8	3	4	5	6	02119	Russian-College level	1			
C2313	Italian-Grade 7	3	4	5	6	02113	Arabic-1st year	1			
C2314	Italian-Grade 8	3	4	5	6	02114	Arabic-2d year	1			
C2315	Italian-Grade 7	3	4	5	6	02115	Arabic-3d year	1			
C2316	Italian-Grade 8	3	4	5	6	02116	Arabic-4th year	1			
C2317	Italian-College level	3	4	5	6	02117	Arabic-College level	1			
C2318	French-Grade 7	3	4	5	6	02118	Chinese-1st year	1			
C2319	French-Grade 8	3	4	5	6	02119	Chinese-2d year	1			
C2320	French-Grade 7	3	4	5	6	02120	Chinese-3d year	1			
C2321	French-Grade 8	3	4	5	6	02121	Chinese-4th year	1			
C2322	French-College level	3	4	5	6	02122	Chinese-College level	1			
C2323	German-Grade 7	3	4	5	6	02123	Czech-1st year	1			
C2324	German-Grade 8	3	4	5	6	02124	Czech-2d year	1			
C2325	German-Grade 7	3	4	5	6	02125	Czech-3d year	1			
C2326	German-Grade 8	3	4	5	6	02126	Czech-4th year	1			
C2327	German-College level	3	4	5	6	02127	Czech-College level	1			
C2328	Spanish-Grade 7	3	4	5	6	02128	Croat (Serbo-Croat)-1st year	1			
C2329	Spanish-Grade 8	3	4	5	6	02129	Croat (Serbo-Croat)-2d year	1			
C2330	Spanish-Grade 7	3	4	5	6	02130	Croat (Serbo-Croat)-3d year	1			
C2331	Spanish-Grade 8	3	4	5	6	02131	Croat (Serbo-Croat)-4th year	1			
C2332	Spanish-College level	3	4	5	6	02132	Croat (Serbo-Croat)-College level	1			

OE SCHOOL CODE
(2027 from page 1)

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	COURSE TITLE	OE CODE NUMBER	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
PART II - Continued											
15. SOCIAL SCIENCES - Cn											
02001	GRADE 7-8	0200		5	6	AMERICAN INDIAN PROBLEMS	11007	0206			
02002	ECONOMIC THEORY	0201						0206			
02003	HUMAN/CULTURAL	0202						0206			
02004	PHYSICAL	0203						0207			
02005	POLITICAL	0204						0208			
02006	REGIONAL	0205						0209			
02007	A WORLD OR GLOBAL	0206						0210			
02008		0207						0211			
02009		0208						0212			
02010	AMERICAN GOVERNMENT	0209						0213			
02011	BASIC AMERICAN LAW	0210						0214			
02012	COMMUNITY CIVICS	0211						0215			
02013	CURRENT EVENTS	0212						0216			
02014	INTERNATIONAL RELATIONS	0213						0217			
02015	PROBLEMS OF DEMOCRACY	0214						0218			
02016	U.S. CONSTITUTION	0215						0219			
02017		0216						0220			
02018		0217						0221			
02019		0218						0222			
02020		0219						0223			
02021		0220						0224			
02022		0221						0225			
02023		0222						0226			
02024		0223						0227			
02025		0224						0228			
02026		0225						0229			
02027		0226						0230			
02028		0227						0231			
02029		0228						0232			
02030		0229						0233			
02031		0230						0234			
02032		0231						0235			
02033		0232						0236			
02034		0233						0237			
02035		0234						0238			
02036		0235						0239			
02037		0236						0240			
02038		0237						0241			
02039		0238						0242			
02040		0239						0243			
02041		0240						0244			
02042		0241						0245			
02043		0242						0246			
02044		0243						0247			
02045		0244						0248			
02046		0245						0249			
02047		0246						0250			
02048		0247						0251			
02049		0248						0252			
02050		0249						0253			
02051		0250						0254			
02052		0251						0255			
02053		0252						0256			
02054		0253						0257			
02055		0254						0258			
02056		0255						0259			
02057		0256						0260			
02058		0257						0261			
02059		0258						0262			
02060		0259						0263			
02061		0260						0264			
02062		0261						0265			
02063		0262						0266			
02064		0263						0267			
02065		0264						0268			
02066		0265						0269			
02067		0266						0270			
02068		0267						0271			
02069		0268						0272			
02070		0269						0273			
02071		0270						0274			
02072		0271						0275			
02073		0272						0276			
02074		0273						0277			
02075		0274						0278			
02076		0275						0279			
02077		0276						0280			
02078		0277						0281			
02079		0278						0282			
02080		0279						0283			
02081		0280						0284			
02082		0281						0285			
02083		0282						0286			
02084		0283						0287			
02085		0284						0288			
02086		0285						0289			
02087		0286						0290			
02088		0287						0291			
02089		0288						0292			
02090		0289						0293			
02091		0290						0294			
02092		0291						0295			
02093		0292						0296			
02094		0293						0297			
02095		0294						0298			
02096		0295						0299			
02097		0296						0300			
02098		0297						0301			
02099		0298						0302			
02100		0299						0303			
02101		0300						0304			
02102		0301						0305			
02103		0302						0306			
02104		0303						0307			
02105		0304						0308			
02106		0305						0309			
02107		0306						0310			
02108		0307						0311			
02109		0308						0312			
02110		0309						0313			
02111		0310						0314			
02112		0311						0315			
02113		0312						0316			
02114		0313						0317			
02115		0314						0318			
02116		0315						0319			
02117		0316						0320			
02118		0317						0321			
02119		0318						0322			
02120		0319						0323			
02121		0320						0324			
02122		0321						0325			
02123		0322						0326			
02124		0323						0327			
02125		0324						0328			
02126		0325						0329			
02127		0326						0330			
02128		0327						0331			
02129		0328						0332			
02130		0329						0333			
02131		0330						0334			
02132		0331						0335			
02133		0332						0336			
02134		0333						0337			
02135		0334						0338			
02136		0335						0339			
02137		0336						0340			
02138		0337						0341			
02139		0338						0342			
02140		0339						0343			
02141		0340						0344			
02142		0341						0345			
02143		0342						0346			
02144		0343						0347			
02145		0344</									

OE SCHOOL CODE
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PART II - Continued

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
1	2	3	4	5	6	1	2	3	4	5	6

Be certain to enter all columns (A, S, & E) for each course you offer.

11. MATHEMATICS - Con

C0007	GRADE 7	04007						04007			
C0008	GRADE 8	04008						04008			
11000	GRADES 9-12	04009						04009			
11000	ELEMENTARY & ADVANCED	04004						04004			
18000	REMEDIAL	04005						04005			
18000	MATHEMATICS	04006						04006			
C0010	ELEMENTARY	04007						04007			
C0020	INTERMEDIATE	04008						04008			
C0030	ADVANCED	04009						04009			
	ALGEBRA	04010						04010			
		04011						04011			
	PLANE	04012						04012			
	SOLID	04013						04013			
	INTEGRATED PLANE & SOLID	04014						04014			
	GEOMETRY	04015						04015			
		04016						04016			
		04017						04017			
		04018						04018			

LIST OF SUPPLEMENTARY CODES FOR MATHEMATICS

013600 Linear Algebra
030700 Matrix Algebra

(Specify curriculum development)

900000 Real Math (0-FF)
910100 COMP, grade 7 (Greater Cleveland Math Project)
910200 COMP, grade 8
910300 COMP, grade 9
910400 COMP, grade 10
910500 COMP, grade 11
910600 COMP, grade 12
930100 SMCIS, grade 7 (Secondary School Math Curriculum Improvement Study)
930200 SMCIS, grade 8
930300 SMCIS, grade 9
930400 SMCIS, grade 10
930500 SMCIS, grade 11
930600 SMCIS, grade 12
940100 UCISM, grade 7 (University of Illinois Curriculum on School Math)
940200 UCISM, grade 8
940300 UCISM, grade 9
940400 UCISM, grade 10
940500 UCISM, grade 11
940600 UCISM, grade 12

Report complete course only, not with section or night course.

12. NATURAL SCIENCES

C10001	GRADE 7	05001						05001			
C10002	GRADE 8	05002						05002			
C10003	GRADE 9	05003						05003			
C10004	GRADE 10-12	05004						05004			
		05005						05005			
		05006						05006			

*School Mathematics Study Group.

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PART II-Continued

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACE	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACE	LENGTH OF COURSE (in weeks)
13. NATURAL SCIENCES - Con											
C0000	1ST YEAR	06070		5	6						
C0000	2D YEAR	06071		5	6						
C0000	BOTANY	06072		5	6						
C0001	ECOLOGY	06073		5	6						
C0002	ENVIRONMENTAL SCIENCE	06074		5	6						
C0003	LIFE SCIENCE	06075		5	6						
C0004	PHYSIOLOGY	06076		5	6						
C0005	ZOOLOGY	06077		5	6						
C0006	BLUE VERSION	06078		5	6						
C0007	GREEN VERSION	06079		5	6						
C0008	YELLOW VERSION	06080		5	6						
C0009	SPECIAL MATERIALS	06081		5	6						
C0010	SECOND COURSE	06082		5	6						
C0011	1ST YEAR	06083		5	6						
C0012	2D YEAR	06084		5	6						
C0013	CHEMISTRY	06085		5	6						
C0014	1ST YEAR	06086		5	6						
C0015	2D YEAR	06087		5	6						
C0016	PHYSICS	06088		5	6						
C0017	1ST YEAR	06089		5	6						
C0018	2D YEAR	06090		5	6						
C0019	PHYSICAL SCIENCE	06091		5	6						
C0020	1ST YEAR	06092		5	6						
C0021	2D YEAR	06093		5	6						
C0022	AERONAUTICS	06094		5	6						
C0023	EARTH SCIENCE	06095		5	6						
C0024	GEOLOGY	06096		5	6						
C0025	OCEANOGRAPHY	06097		5	6						
C0026	RESEARCH SEMINAR	06098		5	6						
C0027	SPACE SCIENCE	06099		5	6						

**Biological Sciences Curriculum Study

DE SCHOOL CODE
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PART II - Continued

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
1	2	3	4	5	6	1	2	3	4	5	6
<p>02. ART</p> <p>02. ART C-2</p> <p>LIST OF SUPPLEMENTARY CODES FOR ART</p> <p>020730 Pottery 020735 School Service Art 020739 Independent Study</p>											
<p>12. MUSIC</p> <p>050100 BAND</p> <p>050200 ORCHESTRA</p> <p>050300 MENTAL SMALL ENSEMBLES</p> <p>050400 INSTRUMENTAL CLASSES</p> <p>050500 CHORUS</p> <p>050600 VOICE</p> <p>050700 GLEE CLUB</p> <p>050800 SMALL ENSEMBLES</p> <p>050900 COMPOSITION/COUNTERPOINT</p> <p>051000 GENERAL MUSIC</p> <p>051009 INDEPENDENT STUDY</p> <p>051100 MUSIC APPRECIATION</p> <p>051200 THEORY & HARMONY</p>											
<p>06. HEALTH & PHYSICAL EDUCATION</p> <p>060101 BAND</p> <p>060102 ORCHESTRA</p> <p>060103 MENTAL SMALL ENSEMBLES</p> <p>060104 INSTRUMENTAL CLASSES</p> <p>060105 CHORUS</p> <p>060106 VOICE</p> <p>060107 GLEE CLUB</p> <p>060108 SMALL ENSEMBLES</p> <p>060109 COMPOSITION/COUNTERPOINT</p> <p>060110 GENERAL MUSIC</p> <p>060111 INDEPENDENT STUDY</p> <p>060112 MUSIC APPRECIATION</p> <p>060113 THEORY & HARMONY</p>											
<p>06. HEALTH & PHYSICAL EDUCATION - Con.</p> <p>060114 BAND</p> <p>060115 ORCHESTRA</p> <p>060116 MENTAL SMALL ENSEMBLES</p> <p>060117 INSTRUMENTAL CLASSES</p> <p>060118 CHORUS</p> <p>060119 VOICE</p> <p>060120 GLEE CLUB</p> <p>060121 SMALL ENSEMBLES</p> <p>060122 COMPOSITION/COUNTERPOINT</p> <p>060123 GENERAL MUSIC</p> <p>060124 INDEPENDENT STUDY</p> <p>060125 MUSIC APPRECIATION</p> <p>060126 THEORY & HARMONY</p>											
<p>LIST OF SUPPLEMENTARY CODES FOR HEALTH & PHYSICAL EDUCATION</p> <p>030401C5 Budget</p> <p>01010000 Community Health</p> <p>03040300 Creative Rhythms</p> <p>03040301 Folk Dance</p> <p>01120001 Health & Physical Education - Boys</p> <p>01120002 No Grade Breakdown - Boys</p> <p>01120003 Health & Physical Education - Girls</p> <p>01120004 No Grade Breakdown - Girls</p>											
<p>*See also "Safety" under subject area 21, Page 11</p>											

OF SCHOOL CODE
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PART II - Continued

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
21. SAFETY & DRIVER EDUCATION											
01100	DRIVER EDUCATION	0001				01000	FAMILY HEALTH	11018			
01000	PRACTICE DRIVING	0002				01000	FAMILY RELATIONS (1996)	11019			
02001	SAFETY	0003				01100	HEALTH & HOME NURSING	11020			
02002	GRADE 7-8	0004				01000	HOME MANAGEMENT	11021			
02010	GRADE 9-12	0005				01300	HOUSING & HOME FURNISHING	11022			
	CIVIL DEFENSE	0006				01008	NUTRITION	11023			
		0007						11024			
		0008						11025			
								11026			
								11027			
								11028			
22. JUNIOR B.O.T.C.											
00001	FIRST YEAR	1001									
00002	SECOND YEAR	1002									
00003	THIRD YEAR	1003									
		1004									
		1005									

Report the total enrollment for driver education within CLASSROOM PHASE. If any of these pupils are receiving driving experience they should also be recorded under PRACTICE DRIVING.

Industrial arts courses are abbreviated, but are designed to give pupils an understanding of the principles of industry in our culture. Such courses emphasize problem solving, the development of technical skills, and the safe use of tools and machines.

24. INDUSTRIAL ARTS

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
24. INDUSTRIAL ARTS											
08001	INDUSTRIAL ARTS	1207				08001	GRADE 7-8	1207			
08002	1ST YEAR	1202				08002	GRADES 9-12	1202			
08003	2D YEAR	1203				08003	3D YEAR	1203			
08004	3D YEAR	1204				08004	4TH YEAR	1204			
08005	4TH YEAR	1205				08005		1205			
02010	ART METALS	1206				02010	ART METALS	1206			
18010	AUTO MECHANICS	1207				18010	AUTO MECHANICS	1207			
01000	CARPENTRY	1208				01000	CARPENTRY	1208			
02001	CERAMICS	1209				02001	GRADE 7-8	1209			
02002	GRADE 9-12	1210				02002	GRADE 9-12	1210			
01001	CONSTRUCTION	1201				01001	GRADE 7-8	1201			
01002	GRADE 9-12	1202				01002	GRADE 9-12	1202			
03001	CRAFTS	1203				03001	GRADE 7-8	1203			
03002	GRADE 9-12	1204				03002	GRADE 9-12	1204			
03001	RAFTING	1205				03001	GRADE 7-8	1205			
03002	GRADE 9-12	1206				03002	GRADE 9-12	1206			
04001	ELECTRICITY/ELECTRONICS	1207				04001	GRADE 7-8	1207			
04002	GRADE 9-12	1208				04002	GRADE 9-12	1208			
12010	FLUID POWER	1209				12010	FLUID POWER	1209			
14001	GENERAL METALS	1210				14001	GRADE 7-8	1210			
14002	GRADE 9-12	1211				14002	GRADE 9-12	1211			

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PART II--Continued

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
16. INDUSTRIAL ARTS - Cont.											
180001	GENERAL WOODS	2	2222	7-8	6	162000	Applied Shop, grade 7-8	2	12201	Industrial Materials, grade 7-8	6
180002	GENERAL WOODS	2	2223	9-12	6	162001	Applied Shop, grade 9-12	2	12202	Industrial Materials, grade 9-12	6
180003	GRAPHIC ARTS	2	2224	7-8	6	162002	Architectural Drafting	2	12203	Industrial Materials & Processes	6
180004	HOME MECHANICS	2	2225	7-8	6	162003	Observation	2	12204	Industrial Processes	6
180005	INDUSTRIAL ARTS	2	2226	9-12	6	162004	Cover Operations	2	12205	Industrial Processes, grade 7-8	6
180006	MATHEMATICS	2	2227	7-8	6	162005	Design Technology	2	12206	Industrial Processes, grade 9-12	6
180007	INDUSTRIAL ARTS	2	2228	7-8	6	162006	Dress, grade 7-8	2	14201	Leather, grades 7-8	6
180008	MATHEMATICS	2	2229	9-12	6	162007	Dress, grade 9-12	2	14202	Leather, grades 9-12	6
180009	INDUSTRIAL ARTS	2	2230	7-8	6	162008	Electronics, grade 7-8	2	18000	Machinist	6
180010	SCIENCE	2	2231	9-12	6	162009	Electronics, grade 9-12	2	18000	Manufacturing Research	6
180011	INDUSTRIAL TECHNOLOGY	2	2232	7-8	6	162010	Engineering	2	18000	Power/Automotive Mechanics	6
180012	INDUSTRIAL TECHNOLOGY	2	2233	9-12	6	162011	Exploratory Industrial Arts	2	12207	Production, grade 7-8	6
180013	LEATHER	2	2234	7-8	6	162012	Graphic Communications	2	12208	Production, grade 9-12	6
180014	MANUFACTURING	2	2235	7-8	6	162013	Graphic Communications	2	13000	Radio Technical Electricity	6
180015	MECHANICAL DRAWING	2	2236	7-8	6	162014	Industrial Arts for Girls	2	13000	Research & Development	6
180016	PHOTOGRAPHY	2	2237	7-8	6	162015	Industrial Crafts, grade 7-8	2	13000	Surveying	6
180017	PLASTICS	2	2238	7-8	6	162016	Industrial Crafts, grade 9-12	2	13000	Technical Illustration	6
180018	PRE ENGINEERING	2	2239	7-8	6	162017	Industrial Design	2	19000	Wood Technology	6
180019	PRINTING	2	2240	7-8	6	<p>LIST OF SUPPLEMENTARY CODES FOR INDUSTRIAL ARTS</p> <p>162000 Apprentices</p> <p>162001 Applied Shop, grade 7-8</p> <p>162002 Applied Shop, grade 9-12</p> <p>162003 Architectural Drafting</p> <p>162004 Observation</p> <p>162005 Cover Operations</p> <p>162006 Design Technology</p> <p>162007 Dress, grade 7-8</p> <p>162008 Dress, grade 9-12</p> <p>162009 Electronics, grade 7-8</p> <p>162010 Electronics, grade 9-12</p> <p>162011 Engineering</p> <p>162012 Exploratory Industrial Arts</p> <p>162013 Graphic Communications</p> <p>162014 Industrial Arts for Girls</p> <p>162015 Industrial Crafts, grade 7-8</p> <p>162016 Industrial Crafts, grade 9-12</p> <p>162017 Industrial Design</p>					
180020	TEXTILES	2	2241	7-8	6						
180021	TRANSPORTATION	2	2242	7-8	6						
180022	WELDING	2	2243	7-8	6						
180023	GENERAL WOODS	2	2244	9-12	6						
180024	GENERAL WOODS	2	2245	9-12	6						
180025	GRAPHIC ARTS	2	2246	9-12	6						
180026	HOME MECHANICS	2	2247	9-12	6						
180027	INDUSTRIAL ARTS	2	2248	9-12	6						
180028	MATHEMATICS	2	2249	9-12	6						
180029	INDUSTRIAL ARTS	2	2250	9-12	6						
180030	MATHEMATICS	2	2251	9-12	6						

17. AGRICULTURE (GENERAL)											
18. BUSINESS (GENERAL)											
000001	GENERAL AGRICULTURE	1		9-12	6	010000	ACCOUNTING	1			
000002	GENERAL AGRICULTURE	1		1ST YEAR	6	010001	ADVERTISING & SALES PROMOTION	1			
000003	GENERAL AGRICULTURE	1		2D YEAR	6	010002	BOOKKEEPING 1ST YEAR	1			
000004	GENERAL AGRICULTURE	1		3D YEAR	6	010003	BOOKKEEPING 2D YEAR	1			
000005	GENERAL AGRICULTURE	1		4TH YEAR	6	010004	MACHINERY	1			
000006	GENERAL AGRICULTURE	1		5TH YEAR	6	010005	BUSINESS MATHEMATIC	1			
000007	GENERAL AGRICULTURE	1		6TH YEAR	6	010006	BUSINESS ENGLISH	1			
000008	GENERAL AGRICULTURE	1		7TH YEAR	6	010007	BUSINESS FINANCE	1			
000009	GENERAL AGRICULTURE	1		8TH YEAR	6	010008	BUSINESS FINANCE	1			
000010	GENERAL AGRICULTURE	1		9TH YEAR	6	010009	BUSINESS FINANCE	1			
000011	GENERAL AGRICULTURE	1		10TH YEAR	6	010010	BUSINESS FINANCE	1			
000012	GENERAL AGRICULTURE	1		11TH YEAR	6	010011	BUSINESS FINANCE	1			
000013	GENERAL AGRICULTURE	1		12TH YEAR	6	010012	BUSINESS FINANCE	1			

GE SCHOOD CODE
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PART II-Continued

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
17. TRADES & INDUSTRY (COURSES)											
100000	BUSINESS MACHINES	14012				040200	AIRCRAFT OPERATION	15002			6
090000	BUSINESS LAW	14013				030101	AUTO BODY & FENDER MECHANICS I	15002			6
140000	CLERICAL PRACTICE	14014				030201	AUTOMOTIVE MECHANICS I	15004			6
170300	COMPUTER MATHEMATICS	14015				260100	BARBERING	15006			6
170400	COMPUTER PROGRAMMING	14016				360201	CABINETMAKING I	15007			6
180100	CONSUMER ECONOMICS	14017				100101	CARPENTRY	15009			6
150000	CONSUMER EDUCATION	14018				100102	1ST YEAR	15010			6
190000	ECONOMIC GEOGRAPHY	14019				240200	2D YEAR	15011			6
230000	GENERAL BUSINESS	14020				260201	COSMETOLOGY I	15012			6
170601	INTRODUCTION TO DATA PROCESSING	14021				020100	ELECTRICAL APPLIANCE REPAIR	15014			6
250000	KEY PUNCH	14022				140001	ELECTRICITY	15015			6
030700	OFFICE PROCEDURES	14023				140002	1ST YEAR	15016			6
320000	RECORD KEEPING	14024				150001	2D YEAR	15019			6
330000	RETAILING	14025				150002	ELECTRONICS	15020			6
340000	SALEMANSHIP	14026				230100	SEWING	15023			6
340300	SECRETARIAL OFFICE PRACTICES	14027				040100	GENERAL AVIATION MECHANICS	15024			6
340400	1ST YEAR	14028				190001	GRAPHIC ART	15025			6
340200	2D YEAR	14029				190002	2D YEAR	15026			6
350300	PERSONAL	14030				150200	INDUSTRIAL ELECTRONICS	15027			6
350400	1ST YEAR	14040				230200	MACHINE SHOP	15028			6
350100	2D YEAR	14041				230300	MACHINE TOOL OPERATION	15029			6
	PERSONAL	14042				160400	MASONRY	15030			6
		14043				100500	PAINTING & DECORATING	15031			6
		14044				100600	PLASTERING	15032			6
		14045				100700	PLUMBING & PIPEFITTING	15033			6
		14046				190200	PRINTING	15034			6
		14047				150300	RADIO/TV REPAIR	15035			6
		14048				230501	SHEET METAL I	15036			6
						290400	WAITER/WAITRESS	15037			6
						210200	WATCHMAKING & REPAIR	15038			6
						230601	WELDING & CUTTING I	15039			6
						360001	WOODWORKING I	15040			6
								15041			6
								15042			6
								15043			6
								15044			6

LIST OF SUPPLEMENTARY CODES FOR BUSINESS

- 030300 Bookkeeping-3d year
- 030400 Bookkeeping-4th year
- 120000 Business Statistics
- 170500 Computer Operation
- 170600 Computer Processing Equipment Operation
- 340500 Dictation
- 210000 Filing
- 340100 Machine Shorthand
- 340800 Machine Transcription
- 270000 Marketing
- 330200 Production Typewriting
- 340600 Speedbuilding (Short/Hand)
- 350500 Typewriting-3d year
- 350600 Typewriting-4th year
- 360000 Wholesaling (General)

DE SCHOOL CODE
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PART II--Continued

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	B-DIGIT OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
	2	3	4	5	6	1	2	3	4	5	6

17. TRADES & INDUSTRY (COURSES) - Con.

OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)	B-DIGIT OE CODE NUMBER	COURSE TITLE	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
15045								17001			
15046								17002			
15047								17003			
15048								17004			
15050								17005			
15051								17006			
15062								17007			
15063											

OTHER COURSES

PLEASE LIST HERE ALL OTHER COURSES YOU OFFER FOR WHICH THERE IS NOT SUFFICIENT SPACE UNDER THE INDIVIDUAL SUBJECT AREAS. (Please precede title with the 2-digit subject area code & the 6-digit OE code number for the course.)

LIST OF SUPPLEMENTARY CODES FOR TRADES & INDUSTRY (Course)

- 040101 Airframe Mechanics
- 030102 Auto-Body & Fender Mechanics II
- 030202 Automotive Mechanics II
- 040300 Aviation Ground Operations
- 040102 Aviation Power Plant Mechanics
- 290100 Baking
- 080200 Boat Operation & Maintenance
- 340202 Cabinetmaking II
- 340203 Cabinetmaking III
- 150100 Communications
- 010100 Cooling Systems
- 240202 Cosmetology II
- 240203 Cosmetology III
- 330100 Dressmaking
- 140003 Electricity III
- 140004 Electricity IV
- 150003 Electronics III
- 150004 Electronics IV
- 010200 Heating Systems
- 100300 Heavy Equipment (Construction)
- 140100 Industrial Electricity
- 190300 Lithography/Photography
- 290300 Meat Cutting/Packaging
- 140300 Motor Repair
- 340300 Millwork
- 230502 Sheet Metal II
- 330200 Tailoring
- 230402 Welding & Cutting II
- 340002 Woodworking II
- 340003 Woodworking III

23. INTERDISCIPLINARY COURSES

ENTER HERE COURSES UTILIZING TEAM TEACHING IN ORDER TO INTEGRATE TWO OR MORE CONVENTIONALLY SEPARATE SUBJECT AREAS, THE AIM BEING TO MAKE PUPILS AWARE OF THE UNITY OF HUMAN KNOWLEDGE. (Do NOT report core programs in this category. See definition of core, page 2, instruction 6.) In the parentheses following the subject title, write in the subject areas included in the course. There are the broad classifications of knowledge preceded by 2-digit OE Code Numbers. To add additional courses in this area write in the name of the course as you are familiar with it, and, in the parentheses, the areas of study involved. There are no assigned codes for the INTERDISCIPLINARY field.

FOR OE USE ONLY	COURSE TITLE AND SUBJECT AREAS INCLUDED	LINE NUMBER	TOTAL PUPILS ENROLLED	GRADE PLACEMENT	LENGTH OF COURSE (in weeks)
	EXAMPLE: AMERICAN STUDIES (SOCIAL SCIENCES/ENGLISH)		25	11 - 12	16
	ENVIRONMENTAL STUDIES	17001			
	HUMANITIES	18002			
	RELATED ARTS	18003			
	UNIFIED ARTS	18004			
		18005			
		18006			
		18007			

19. SPECIAL EDUCATION (DIFFERENTIALIZED FOR THE HANDICAPPED)

150200	ART	18001			
150500	ENGLISH	18002			
150900	HOME ECONOMICS	18003			
151100	MATHEMATICS	18004			
151200	MUSIC	18005			
151300	SCIENCE	18006			
151500	SOCIAL SCIENCES	18007			
		18008			
		18010			

OE SCHOOL CODE
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PART II—Continued

A. COURSES TAUGHT IN ALTERNATE YEARS. DOES YOUR SCHOOL OFFER, IN ALTERNATE YEARS, ANY COURSES IN WHICH THERE IS NO ENROLLMENT DURING THIS 1972-73 SCHOOL YEAR?

(Check ONE) 1 YES 2 NO

If YES, list below the name of each course, the course with which it alternates, and the 8-digit OE code numbers of both courses.

LINE NUMBER (02)	8-DIGIT OE CODE NUMBER (03)	NAME OF COURSE NOT BEING TAUGHT THIS YEAR	YEAR LAST TAUGHT	ALTERNATES WITH—	
				8-DIGIT OE CODE NUMBER (04)	NAME OF COURSE BEING TAUGHT THIS YEAR
(for example)	11 160000	TRIGONOMETRY	1971-72	11 120400	SOLID GEOMETRY
19001					
19002					
19003					
19004					
19005					
19006					

A. Some high schools manage to expand the scope of their subject offerings through alternating certain courses every other year. EXCLUDE patterns where courses are regularly offered less frequently than every other year or only when effective demand is manifested.

Alternate year offerings make it possible for pupils to take more courses than the school is able to provide each year, though possibly in reverse order. French IV might precede French III, or Physics might precede Chemistry in a particular pupil's program; but he is able to study all of these during his high school years.

B. PLEASE LIST:

- 1) THE TITLES AND 8-DIGIT OE CODE NUMBERS OF THE SPECIFIC COURSES REQUIRED OF ALL PUPILS IN ORDER TO GRADUATE FROM 12TH GRADE IN THIS HIGH SCHOOL, AND
- 2) ANY GENERAL HIGH SCHOOL GRADUATION REQUIREMENTS, SUCH AS 3 YEARS OF ENGLISH OR 2 YEARS OF NATURAL SCIENCES; DO NOT DUPLICATE REQUIREMENTS IN (1) ABOVE.

IF YOUR SCHOOL DOES NOT OFFER 12TH GRADE, CHECK THIS BOX AND DO NOT COMPLETE THIS QUESTION.

LINE NUMBER (02)	8-DIGIT OE CODE NUMBER (03)	COURSE TITLE AND/OR GENERAL REQUIREMENT	FOR USE ONLY (04)	8-DIGIT OE CODE NUMBER (05)	COURSE TITLE AND/OR GENERAL REQUIREMENT	FOR USE ONLY (06)
20001				20012		
20002				20013		
20003				20014		
20004				20015		
20005				20016		
20006				20017		
20007				20018		
20008				20019		
20009				20020		
20010				20021		
20011				20022		

DE SCHOOL CODE
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PART III - Continued

1	2	3	4	5	6	7	8	9	10
OE CODE NUMBER	OCCUPATIONAL PROGRAM TITLE	LINE NUM-BER	TOTAL ENROLLMENT IN PROGRAM	LENGTH OF PROGRAM (in weeks)	OE CODE NUMBER	OCCUPATIONAL PROGRAM TITLE	LINE NUM-BER	TOTAL ENROLLMENT IN PROGRAM	LENGTH OF PROGRAM (in weeks)
06. HOME ECONOMICS (OCCUPATIONAL)									
020100	CARE & GUIDANCE OF CHILDREN	24001			18. TECHNICAL EDUCATION - Con.	ELECTRONIC TECHNICIAN*	26007		5
020200	CLOTHING MANAGEMENT, PRODUCTION, & SERVICES	24002				ENVIRONMENTAL TECHNICIAN	26008		
020300	FOOD MANAGEMENT, PRODUCTION, & SERVICES	24003				FASHION TECHNICIAN	26009		
020400	HOME FURNISHINGS, EQUIPMENT, & SERVICES	24004				INDUSTRIAL CHEMISTRY TECHNICIAN	26010		
020500	INSTITUTIONAL & HOME MANAGEMENT	24005				INSTRUMENTATION TECHNICIAN	26011		
020600	HEALTH SERVICES	24006				MECHANICAL DESIGN & CONSTRUCTION TECHNICIAN	26012		
		24007				PHYSICAL SCIENCE TECHNICIAN	26013		
		24008				POLICE SCIENCE TECHNICIAN	26014		
		24009					26015		
		24010					26016		
		24011					26017		
		24012					26018		
							26019		
14. OFFICE OCCUPATIONS									
010000	ACCOUNTING AND COMPUTING OCCUPATIONS	25001			17. TRADES & INDUSTRIAL OCCUPATIONS				
020000	BUSINESS DATA PROCESSING SYSTEMS OCCUPATIONS	25002			010000	AIR CONDITIONING OCCUPATIONS	27001		
030000	FILING, OFFICE MACHINES, & GENERAL OFFICE CLERICAL OCCUPATIONS	25003			020000	APPLIANCE REPAIR OCCUPATIONS	27002		
					030000	AUTO SERVICES	27003		
					040000	AVIATION OCCUPATIONS	27004		
040000	INFORMATION, COMMUNICATION OCCUPATIONS	25004			060000	BUSINESS MACHINE MAINTENANCE OCCUPATIONS	27005		
050000	MATERIALS SUPPORT OCCUPATIONS, TRANSPORTING, ETC.	25005			100000	CONSTRUCTION & MAINTENANCE TRADES	27006		
060000	PERSONNEL, TRAINING, & RELATED OCCUPATIONS	25006			110000	CUSTODIAL SERVICES	27007		
070000	STENOGRAPHIC, SECRETARIAL, & RELATED OCCUPATIONS	25007			120000	DIESEL MECHANIC	27008		
080000	SUPERVISORY & ADMIN. MANAGEMENT OCCUPATIONS	25008			130000	DRAFTING OCCUPATIONS	27009		
090000	TYPING & RELATED OCCUPATIONS	25009			140000	ELECTRICAL OCCUPATIONS	27010		
					150000	ELECTRONIC OCCUPATIONS	27011		
					190000	GRAPHIC ARTS OCCUPATIONS	27012		
					210000	INSTRUMENT, MAINTENANCE & REPAIR OCCUPATIONS	27013		
					220000	MARITIME OCCUPATIONS	27014		
					230000	METALWORKING OCCUPATIONS	27015		
					240000	PERSONAL SERVICES OCCUPATIONS	27016		
16. TECHNICAL EDUCATION									
010100	AERONAUTICAL TECHNICIAN	26001			280000	PUBLIC SERVICE OCCUPATIONS	27017		
010300	ARCHITECTURAL TECHNICIAN (Building Construction)	26002			290000	QUANTITY FOOD OCCUPATIONS	27018		
030600	BIOMEDICAL TECHNICIAN	26003			300000	REFRIGERATION OCCUPATIONS	27019		
011800	COMPUTER CIRCUITRY TECHNICIAN	26004			310000	SMALL ENGINE REPAIR OCCUPATIONS	27020		
010700	ELECTRICAL TECHNICIAN	26005			340000	LEATHER WORKING OCCUPATIONS	27021		
010900	ELECTROMECHANICAL TECHNICIAN	26006			360000	WOODWORKING OCCUPATIONS	27022		
							27023		

OE SCHOOL CODE
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PART III - Continued

OE CODE NUMBER	OCCUPATIONAL PROGRAM TITLE	LINE NUMBER	TOTAL ENROLLMENT IN PROGRAM	LENGTH OF PROGRAM (in weeks)	OE CODE NUMBER	OCCUPATIONAL PROGRAM TITLE	LINE NUMBER	TOTAL ENROLLMENT IN PROGRAM	LENGTH OF PROGRAM (in weeks)
17. TRADES & INDUSTRIAL OCCUPATIONS - Con.									
		27024			060500	AVOCATIONAL EXPERIENCE	28007		
		27025			060700	PREVOCCATIONAL WORK EXPERIENCE	28002		
		27026			060300	SPECIALIZED VOCATIONAL PREPARATION	28003		
		27027			060100	VOCATIONAL INFORMATION	28004		
		27028					28005		
		27029					28006		
		27030					28007		
		27031					28008		
		27032					28009		
		27033					28010		
							28011		
							28012		
							28013		
							28014		
							28015		
							28016		
18. HANDICAPPED PROGRAM (D/H/Handicapped)									
LIST OF SUPPLEMENTARY CODES FOR TRADES & INDUSTRIAL OCCUPATIONS									
010000	Typist Reading	170000	Foremanship, Supervision, & Management						
010000	Commercial Art Occupations		Development						
040000	Commercial Bakery Occupations	240000	Metalurgy Occupations						
090000	Commercial Photography Occupations	270000	Plastics Occupations						
140000	Fabric Maintenance Services	320000	Stationary Energy System Occupations						

Thank you for your careful response to this questionnaire. Before returning it, will you please check to make certain that every course and occupational program offered in your secondary school during the current school year has been accounted for.

COMMENTS

NAME		POSITION OR TITLE	
NAME OF SCHOOL		ADDRESS OF SCHOOL (include ZIP Code)	
TELEPHONE	AREA CODE	NUMBER	EXTENSION
PREPARED BY			DATE

RELATED NCES PUBLICATIONS

- OE 74-11701 Education Directory, 1973-74: Public School Systems
- OE 73-11411 Preprimary Enrollment, October 1972
- OE 74-11406 Bond Sales for Public School Purposes, 1972-73
- OE 74-11407 Expenditures for Public Elementary and Secondary Education, 1971-72
- NCES 76-143 Statistics of Public Elementary and Secondary Day Schools, Fall 1974
- OE 74-11400 Patterns of Course Offerings and Enrollments in Public Secondary Schools, 1970-71
- NCES 75-153 Statistics of State School Systems, 1971-72
- OE 20191 Statistics of Public and Nonpublic Elementary and Secondary Day Schools, 1968-69
- OE 73-11415 Statistics of Local Public School Systems, Fall 1970: Staff
- NCES 75-149 Statistics of Local Public School Systems, Finance, 1970-71
- OE 22028 Finances of Large City School Systems, 1967-68: A Comparative Analysis
- OE 74-11420 Statistics of Nonpublic Elementary and Secondary Schools, 1970-71
- OE 74-11425 Nonpublic Schools in Large Cities, 1970-71
- Directory, Public Elementary and Secondary Day Schools, 1968-69:
 - OE 20126-I Volume I, North Atlantic Region
 - OE 20126-II Volume II, Great Lakes and Plains Region
 - OE 20126-III Volume III, Southeast Region
 - OE 20126-IV Volume IV, West and Southwest and Outlying Areas
 - OE 20126-V Volume V, Directory, Nonpublic Elementary and Secondary Day Schools, United States and Outlying Areas, 1968-69