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**NATIONAL CENTER FOR EDUCATION STATISTICS**

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**May 2001**

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**The 1998 High School  
Transcript Study Tabulations:  
Comparative Data on Credits  
Earned and Demographics for  
1998, 1994, 1990, 1987, and 1982  
High School Graduates**

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# NATIONAL CENTER FOR EDUCATION STATISTICS

## **The 1998 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1998, 1994, 1990, 1987, and 1982 High School Graduates**

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## 1. INTRODUCTION TO THE TABULATION OF TRANSCRIPT DATA FOR THE 1998 HIGH SCHOOL TRANSCRIPT STUDY

The 1998 High School Transcript Study (HSTS) was conducted for the U.S. Department of Education's National Center for Education Statistics by Westat. The 1998 HSTS was conducted with a nationally representative sample of students and schools, which included 25,422 students graduating in 1998 from 264 American high schools. In the summer and fall of 1998, Westat collected high school transcripts for students who graduated from public and nonpublic high schools that were sampled for the 1998 National Assessment of Educational Progress (NAEP). The sample of schools is nationally representative of all schools in the United States, and the sample of students is representative of graduating seniors from each school. While the NAEP sample includes students who were enrolled in the 12th grade at the time of the NAEP sampling, the transcript study included only those students whose transcripts indicate that they graduated between January 1, 1998 and November 21, 1998, the date the final transcripts were collected.<sup>1</sup> Approximately 94 percent of the sampled students in the transcript study come from schools that participated in NAEP and retain student ID linking information. The remaining students were sampled specifically for the HSTS either because their schools did not agree to participate in the NAEP study, or because the schools participated in NAEP but did not retain their administration materials linking student identification numbers to student names.

Since the tables in this report represent students with complete transcripts, Westat excluded students whose transcripts did not include course-by-course data for at least three full years of high school. To be consistent with other published analyses, Westat included only students with regular diplomas or honors diplomas and excluded students with Special Education diplomas or Certificates of Attendance. Westat also excluded students whose transcripts show no English credits or fewer than 16 total credits. These restrictions reduced the number of 1998 graduates represented in the tables to 24,218. Since the focus of the transcript study is on high school graduates, schools with 17-year-olds but without a 12th grade are not included. In addition, only those students who graduated from high school in 1998 are included. Thus, students who graduated prior to 1998 and were taking "post graduate" courses are excluded, as are 12th-grade students who failed to graduate in 1998.

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<sup>1</sup> A total of 29,650 transcripts were requested. Of these, 1,159 students were still enrolled, 463 were dropouts, 1,147 had transferred or received GEDs, and 38 were out of scope (either foreign exchange students or pre-1998 graduates). The schools could not find records for 931 students.

Each course appearing on a student's transcript was assigned a six-digit code based on the course content and level.<sup>2</sup> For example, an on-grade-level, 10th-grade English course receives a particular numerical code, which is distinguishable from a remedial 10th-grade English course. Course catalogs and other materials and information from the participating schools were used to determine the content and level of courses at each school. The coding system employed was the *Classification of Secondary School Courses*, containing approximately 2,200 course codes, adapted as necessary to distinguish levels of courses and expand the special education course codes. Additional information coded for each course included grade and credit received. Student information included gender, grade level, age, graduation status, and race/ethnicity.

Information gathered for all students included gender, grade level, birth year, birth month, graduation status, race/ethnicity, whether or not the student had a disability (SD), had limited-English proficiency (LEP), received Title 1 services, or participated in the National School Lunch Program. Westat also obtained the date of entry to the school, the graduation date, type of diploma, number of days absent in each of four years (grades 9, 10, 11, and 12), grade point average, and class rank. In addition, Westat listed all awards and scores on certain standardized tests taken by each student as reflected on the transcript. Additional information was collected for students with disabilities and/or LEP, who were included in the study.

To compare transcripts from different schools, it was necessary to code each of the courses entered on the transcripts using a common course coding system. The coding system employed for this purpose was a modification of the Classification of Secondary School Courses (CSSC) (Ludwig et al.). The CSSC, which contains approximately 2,200 course codes, is a modification of the Classification of Instructional Programs (CIP) that is used for classifying college courses (Morgan et al.). Both systems use a three-level, six-digit system for classifying courses. The CSSC uses the same first two levels as the CIP, which are represented by the first four digits of each code.<sup>3</sup> The third level of the CSSC (the fifth and sixth digits of the course code) is unique to the CSSC and represents specific high school courses. In 1998, 83 new or revised CSSC codes were added to the classification system. Most new codes were

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<sup>2</sup> The codes used in the 1987, 1990, 1994 and 1998 High School Transcript Studies actually consisted of seven digits, but only the first six were used for the tables presented here. Only courses actually taken in grades 9 through 12 are included. Some 7th- and 8th-grade courses are included, however, because they were taken for high school credit in grades 9 through 12. Some of these courses are Spanish 7 and 8 (CSSC codes 160931 and 160932), Industrial Arts 7 and 8 (210101 and 210102), and Chorus 8, Advanced (500938).

<sup>3</sup> Actually, the CSSC uses the first two levels of the CIP as it existed in 1982. The CIP has undergone some modification since then. In addition, three sets of codes at the top level have been added to the CSSC to provide a means of classifying courses specifically designed for disabled students.



added for Advanced Placement and International Baccalaureate courses, or to reflect changes in course offerings in the computer technology area.

Student transcript data were weighted for the purpose of making estimates of course taking by high school graduates nationwide. The final weight attached to an individual student record reflected two major aspects of the sample design and the population being surveyed. The first component, the base weight, was used to expand sample results to represent the total population and reflected the probability of selection in the sample (the product of the probability of selection of the primary sampling unit, and the school and student within the primary sampling unit). The second component resulted from the adjustment of the base weight to account for nonresponse within the sample and ensure that the resulting survey estimates of certain characteristics (race/ethnicity, size of community, and region) conformed to those known reliably from external sources.

Since similar studies were conducted of the course-taking patterns of 1982, 1987, 1990, and 1994 graduates, changes in these patterns can be studied and compared. The 1982 data are based on approximately 12,000 transcripts collected by the High School and Beyond study (HS&B). The 1987 data are based on approximately 25,000 transcripts obtained as part of the 1987 High School Transcript Study. The 1990 data are based on approximately 21,000 transcripts obtained as part of the 1990 High School Transcript Study. The 1994 data are based on approximately 25,000 transcripts obtained as part of the High School Transcript Study conducted in that year. All five studies coded the courses taken by students using the *Classification of Secondary School Courses* (C SSC).<sup>4</sup>

Chapters 1, 2, and 3 of this report contain the following major sections:

- Highlights of the results of the High School Transcript Study:
  - Purpose of HSTS;
  - Characteristics of the HSTS sample;
  - Relationship of High School Curriculum and Performance to NAEP Proficiency Estimates;
  - Credits Earned and Graduation Requirements;
  - Technology and Computer Related Courses;

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<sup>4</sup> M.J. Ludwig, L. Olivetti, N. Sandberg, and B. Waite, *A Classification of Secondary School Courses*, Alexandria, VA: Evaluation Technologies Incorporated, July 1982.

- Honors, Advanced Placement and International Baccalaureate courses; and
- Conclusion;
- Descriptions of the 1994, 1990, 1987, and 1982 studies;
- An introduction to the tables including:
  - Overview of the major types of tables in the report;
  - Definitions of the variables used in the tables;
  - Table-specific notes;
- A brief description of the subject area taxonomy;
- A discussion of the comparability of the samples in the five studies; and
- Directions for testing the significance of differences reported in the tables.

The data tables for the 1998 HSTS are presented in Appendix A. Appendix B contains a listing of the categories (stubs) used as row labels in the tables and the CSSC codes associated with each category.

This report is accompanied by another report on the 1998 HSTS: The 1998 HSTS User's Guide and Technical Report.

## **1.1 Highlights of the Results of the 1998 High School Transcript Study**

### **Purpose of HSTS**

The HSTS enables policy makers, researchers, education agencies and any interested party to examine the current status of the curricula being offered in our nation's public and non-public high schools, the courses being taken by students, and the relationships between coursetaking patterns and grade 12 performance on the National Assessment of Educational Progress. NAEP, often called "The Nation's Report Card," is a federally funded periodic assessment of educational achievement by students in grades 4, 8 and 12. In 1998, NAEP included assessments in reading, writing and civics. The HSTS also enables an examination of the relationships between curriculum and course taking with respect to changes in graduation requirements that have been adopted by various states. Tabulations of the HSTS data,

including relationships to NAEP performance, are publicly available as print documents, and through the NCES website (<http://www.nces.ed.gov/nationsreportcard>). Electronic publicly available data files and restricted data files are also available through NCES, so that individuals or organizations can perform their own analyses or use the data in their own research. A user's guide (the 1998 High School Transcript Study User's Guide and Technical Report, NCES 2001-477) to the data files is also available for the 1998 HSTS. Since similar studies have been conducted in 1982, 1987, 1990, and 1994, data can be compared across years and trends and changes in high school curriculum and course-taking patterns can be examined.

In this section of highlights Westat presents a very brief overview of 1998 HSTS data and notes some interesting features observed in the 1998 data.

### Characteristics of the HSTS Sample

The 1998 HSTS sample was composed of 47 percent males, 52 percent females, and 1 percent of students with unreported gender (Figure 1-1).

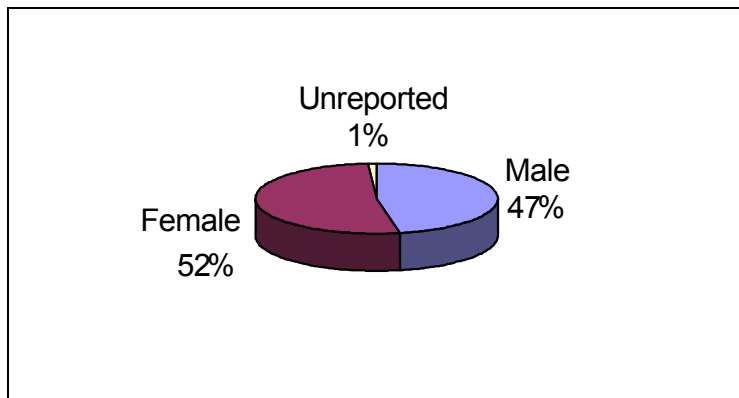


Figure 1-1. 1998 HSTS gender distribution

The population was 69.0 percent white, 12.5 percent Black, 10.6 percent Hispanic, 3.0 percent Asian/Pacific Islander, 0.4 percent Native American, and 4.4 percent either other or not reported race/ethnicity (Figure 1-2).

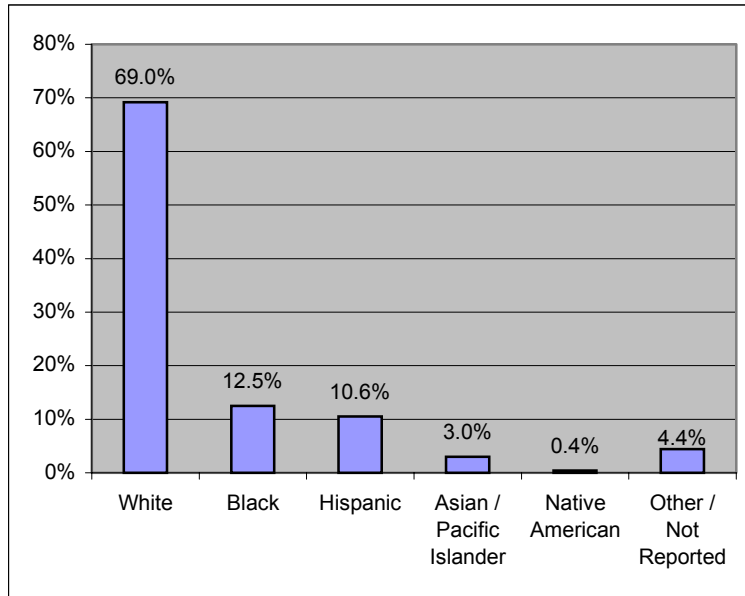


Figure 1-2. 1998 HSTS – race/ethnicity distribution

Most of the students in the study (71.0 percent) were enrolled in an academic high school program, and 4.4 percent were enrolled in a vocational program. Approximately 19.3 percent were enrolled in a program that included both types of courses, and 5.4 percent were enrolled in programs that were neither academic nor vocational (Figure 1-3).<sup>5</sup>

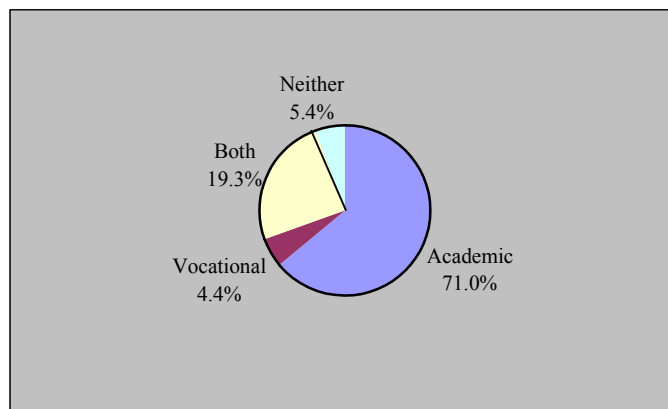


Figure 1-3. 1998 HSTS - student program distribution

<sup>5</sup> NOTE: Because of rounding, percents may not add to 100.

The sample is nearly equally divided among urban, suburban, and rural types of communities. Public schools accounted for 91 percent of the sample, and nonpublic schools accounted for 9 percent. These distributions do not differ significantly from the distribution of former HSTS samples.<sup>6</sup>

### **Relationship of High School Curriculum and Performance to NAEP Proficiency Estimates**

Overall correlation between coursetaking and NAEP proficiency estimates measures in 1998 is fairly weak. For all graduates, the correlation between the number of credits earned in mathematics was 0.260 with reading, 0.298 for writing and 0.288 for civics. Correlations for science for all graduates were 0.353 with reading, 0.341 for writing and 0.386 for civics. Correlations for English and social studies were weaker (for example, 0.135 for English and reading, 0.172 for English and writing and 0.095 for English and civics). The highest correlation to NAEP proficiency in 1998 was for credits in foreign language (correlating 0.336 with NAEP proficiency in reading, 0.360 with writing, and 0.331 with civics). The weak correlations between the number of credits in various courses and the NAEP reading, writing, and civics assessments may be explained by the fact that students have little choice in the number of courses they must take in reading and writing (English) or civics.

Factors such as grades are more strongly related to NAEP proficiency than the particular courses taken. Overall GPA was correlated 0.552 with NAEP proficiency in reading, 0.559 with writing and 0.540 with civics. There was no relationship between absenteeism and NAEP proficiency or between size of graduating class and NAEP proficiency.

### **Credits Earned and Graduation Requirements**

Figure 1-4 shows the mean number of credits taken by students in each of the HSTS years 1987 through 1998 in a series of major curriculum areas.

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<sup>6</sup> This section of highlights covers data only from the 1987 HSTS through the 1998 study.

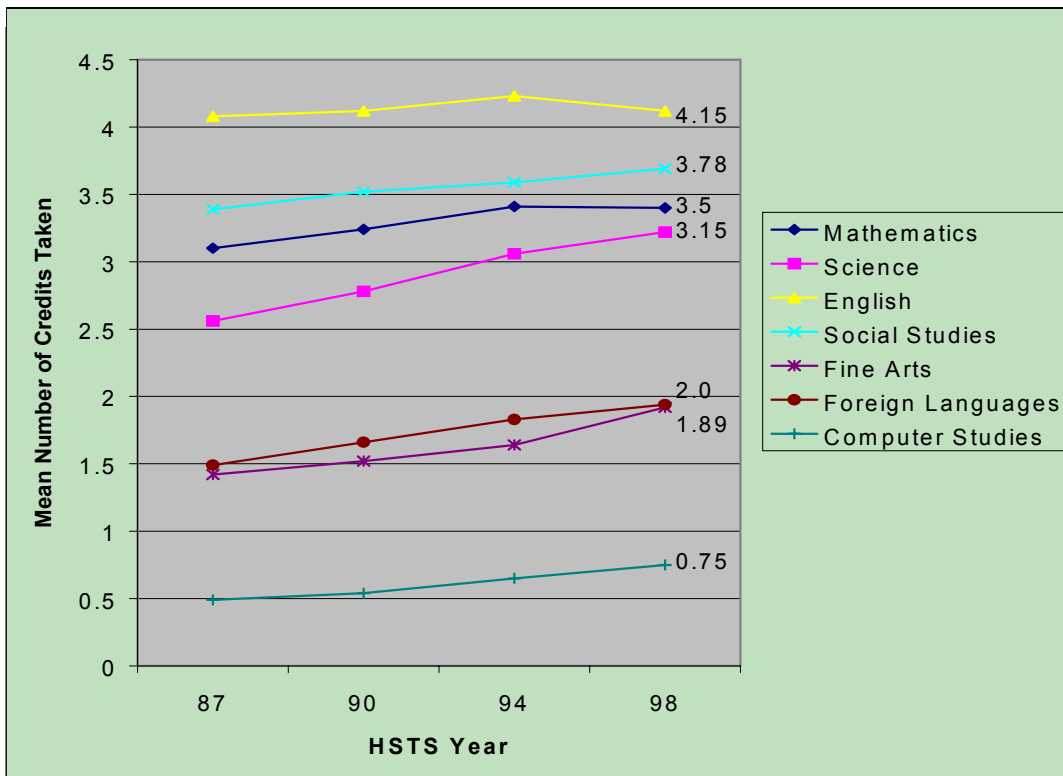


Figure 1-4. Credits taken by category

Students earned approximately one-quarter of a credit more in fine arts in 1998 than in 1994. For the same years, there was an increase in the number of credits earned in mathematics, science, social studies, foreign languages and computer-related studies, and a decrease in credits earned in English. In vocational subjects, there was no significant change in the number of credits earned in Consumer and Homemaking Education, or Specific Labor Market Preparation courses. A decrease appeared in General Labor Market Preparation courses, which include career awareness courses or general work-study programs. There were also increases in credits earned in General Skills, Personal Health and Physical Education, and Special Education. Credits earned in Religion and Military Science did not change significantly. There was an increase of approximately one credit earned overall, which continues the trend over all years of HSTS from 1987, following increases in state requirements for graduation.

The only large gender difference shown in the data on overall coursetaking patterns is that more females than males (39.2 percent vs. 29.2 percent) took more than two credits of foreign language in their high school program. This difference was also present in 1994, but not in 1990. Differences in coursetaking patterns by race/ethnicity are less substantial in 1998 than in 1994, however there are some

differences in credits earned in science by race/ethnicity. For example, 47.8 percent of Black students took between 2 and 3 credits of science courses, compared to other groups<sup>7</sup> (which ranged from 35.1 percent to 42.2 percent of students), while 37.4 percent of Hispanic students and 33.9 percent of Native American students took between one and two credits in science, compared to other groups taking this number of science credits (ranging from 12.8 percent to 21.0 percent). A relatively small number of students took more than four credits of science, but 19.5 percent of Asian/Pacific Islander and 10.2 percent of White students did, compared to other groups ranging from 1.5 percent to 7.0 percent.

In 1998, there were no major differences by race in students taking the most difficult combination of courses (4 English, 3 social studies, 3 science, 3 mathematics, 0.5 computer science and 2 foreign language); in 1994, more Asian/Pacific Islanders took this program than any other group, and both Native Americans and Blacks had fewer students who took this program than White or Hispanic students.

### **Technology and Computer-Related Courses**

Recent publicity and funding of technology installations in schools suggests that students may be taking more courses in computer-related studies and other courses related to technology. In fact, there is a small but steady increase in courses taken in computer-related studies. While 1987 graduates took an average of 0.49 credits (mostly for a one-semester course), in 1998 graduates took an average of 0.75 credits, reflecting an increase in the number of year-long courses offered and taken. Many new courses in computer-related subjects were added to the Classification of Secondary School Curriculum (CSSC) in 1998 to adequately describe the types of courses being taken by 1998 graduates. These new computer-related courses included the following: *Multimedia Computer Applications*, *Desktop Computer Application Suites*, *Website Design and Development*, and *Network Administration and Management*. Computer related courses such as *HTML* and *C++* were also added to the CSSC. Balanced against these new courses, older courses such as *Computers in Business*, *Business Data Processing* and *Business Computer Programming*, and programming courses in *COBOL* and *BASIC* experienced a noticeable decline in student enrollment.

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<sup>7</sup> The Ethnic/Race categories (groups) that were included in the HSTS were White, Black, Asian/Pacific Islander, Hispanic, Native-American, and Asian.

Given the increases observed, it is important to note that there are still 34.3 percent of the 1998 graduates who did not have any credits in computer-related studies on their transcript, and another 23.8 percent with up to only one-half credit in this area.

A closer examination of the data suggests that the system used to aggregate data across courses into general areas may not provide the most complete information. For example, under Vocational Courses, there was a very large increase in the number of students taking courses in the “Technical and Communications” category. The percentage of students earning one or more credits in this area rose from 12.10 percent in 1990 to 12.23 percent in 1994 to 24.14 percent in 1998. Some of these vocational courses were indeed a component of computer technology, but were related to a specific skill (such as learning skills for website development) rather than to general academic study of the discipline. This characteristic of the coding system may account for the relatively large number of students identified as being in both academic and vocational programs.

### **Honors, Advanced Placement and International Baccalaureate Courses**

For the 1998 HSTS, new codes and a new value for demarcating course level were created and used to code Advanced Placement (AP) and International Baccalaureate (IB) courses, to distinguish them from other honors-level courses. Through the 1994 HSTS, AP and IB courses were grouped with honors courses, and therefore could not be distinguished in the data. However, by adding together honors, AP and IB courses for 1998, some changes become apparent. There appears to be a steady trend in increasing numbers of students taking advanced programs in some areas. For example, in English courses, for 1998, 16.79 percent of the students took an Honors, AP or IB English course. This is an increase over the 14.84 percent taking honors-level English in 1994, and 10.81 percent in 1990. In 1998, 5.80 percent of the students took an AP, IB, or honors Western Civilization/European History course, compared to 2.51 percent in 1994 and 2.58 in 1990. In science, honors/AP/IB Chemistry was taken by 4.75 percent of the students in the 1998 HSTS, compared to 3.91 percent in 1994 and 3.46 percent in 1990. Given the overall small proportion of students taking these courses, the small increases are significant in examining the trends of curriculum over time.



## **Conclusion**

The 1998 HSTS provides a rich source of data reflecting the trends in curriculum development and coursetaking patterns in the nation's high schools. This section of highlights of the 1998 HSTS provides only a few insights into the 1998 data, but the data suggest that more extensive, thorough and complex analyses will provide an interesting glimpse into the impact that changes in policies have on curriculum, upon student performance, and on the knowledge of adults graduating from our high schools.

### **1.2 Description of Previous High School Transcript Studies**

#### **1.2.1 The 1994 High School Transcript Study**

Between May and November 1994, Westat collected high school transcripts from 25,575 students who graduated from high school in 1994.<sup>8</sup> So that the tables represent students with complete transcripts, Westat excluded students whose transcripts did not include course-by-course data for at least three full years of high school. To be consistent with other published analyses, Westat included only students with regular diplomas or honors diplomas and excluded students with Special Education diplomas or Certificates of Attendance. Westat also excluded students whose transcripts show no English credits or fewer than 16 total credits. These restrictions reduced the number of 1994 graduates represented in the tables to 24,844. These students attended 340 schools that had previously been sampled for the National Assessment of Educational Progress.

The sample of schools was nationally representative of schools teaching grade 12 or having 17-year-old students (380 schools were selected for the sample; one school had no 12th-grade students). The sample of students was representative of graduating seniors from each school. Approximately 90 percent of the sampled students had participated in NAEP assessments in 1994. The remaining students attended schools that did not participate in NAEP or that did not retain the lists linking student names to NAEP identification numbers.

Since the focus of the transcript study is on high school graduates, schools with 17-year-olds but without a 12th grade are not included. In addition, only those students who graduated from high

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<sup>8</sup> A total of 28,715 transcripts were requested. Of these, 1,031 students were still enrolled, 408 were dropouts, 1,157 had transferred or received GEDs, and 127 were out of scope (either foreign exchange students or pre-1994 graduates). The schools could not find records for 417 students.

school in 1994 are included. Thus, students who graduated prior to 1994 and were taking "post graduate" courses are excluded, as are 12th-grade students who failed to graduate in 1994.

Each course appearing on a student's transcript was assigned a six-digit code based on the course content and level. For example, an on-grade-level, 10th-grade English course receives a particular numerical code, which is distinguishable from a remedial 10th-grade English course. Course catalogs and other materials and information from the participating schools were used to determine the content and level of courses at each school. The coding system employed was the *Classification of Secondary School Courses*, containing approximately 2,200 course codes, adapted as necessary to distinguish levels of courses and to expand the special education course codes. Additional information coded for each course included grade and credit received. Student information included gender, grade level, age, graduation status, and race/ethnicity.

Student transcript data were weighted for the purpose of making estimates of course taking by high school graduates nationwide. The final weight attached to an individual student record reflected two major aspects of the sample design and the population being surveyed. The first component, the base weight, was used to expand sample results to represent the total population and reflected the probability of selection in the sample (the product of the probability of selection of the primary sampling unit, and the school and student within the primary sampling unit). The second component resulted from the adjustment of the base weight to account for nonresponse within the sample and ensure that the resulting survey estimates of certain characteristics (race/ethnicity, size of community, and region) conformed to those known reliably from external sources.

### **1.2.2 The 1990 High School Transcript Study**

In the spring of 1991, Westat collected high school transcripts from 21,607 students who graduated from high school in 1990 (23,270 were requested). Of these, 21,075 received regular or honors diplomas, had at least some English credits and had at least 16 total credits. The 1990 results reported in Appendix A include these students. They attended 330 schools that had previously been sampled for NAEP. The sample of schools was nationally representative of schools teaching grade 12 or having 17-year-old students (379 schools were selected for the sample; eight schools had no 12th-grade students). The sample of students was representative of graduating seniors from each school. Approximately three-fourths of the sampled students had participated in NAEP assessments in 1990. The remaining students

attended schools that did not participate in NAEP or did not retain the lists linking student names to NAEP IDs.

As with the 1994 HSTS, schools with 17-year-olds but without a 12th grade were not included, and only students who graduated from high school in 1990 were included.

### **1.2.3 The 1987 High School Transcript Study**

The schools selected for the 1987 High School Transcript Study consisted of a nationally representative sample of 497 secondary schools selected for the 1986 NAEP for grade 11/age 17 students. Of the total number of schools selected, 433 participated. Four of these schools had no eligible students without disabilities. The 1987 study was restricted to graduates who were in grade 11 in 1985 and 1986. There are 24,622 graduates from 1987 represented in these tables. Note that, although the 1987 study oversampled students with disabilities, the same inclusion and exclusion criteria were applied to the 1987 data as to the other years' data so that the data should be comparable.

### **1.2.4 High School and Beyond**

In 1982, high school transcripts were collected for members of the High School and Beyond (HS&B) study's sophomore cohort who were selected to be in the second followup survey. For purposes of this report, Westat selected students who had graduated from high school, received a regular or honors diploma, and had positive weights. In addition, these students needed to have some English credits and at least 16 total credits. This provided us with 12,413 transcripts. The HS&B was conducted for NCES by the National Opinion Research Center (NORC).

As in the 1987, 1990, 1994, and 1998 High School Transcript Studies, records were obtained from all types of high schools, public and nonpublic. Information from the transcripts, including specific courses taken, and grades and credits earned, was coded according to the CSSC coding system and processed into a system of data files designed to be merged with HS&B questionnaire and test data files. Unlike the High School Transcript Studies, however, some information was not coded. Uncoded information included the identification of courses as remedial, regular, or advanced, as offered in a different location, or as designed for students with disabilities.

Using information available on the Restricted Use Data File for the first followup study that is maintained by NCES, Westat constructed 21 replicates for variance estimation in a manner similar to that used for the 1987, 1990, 1994, and 1998 studies and used these to calculate estimates of sampling error in a manner similar to that described above. The weights used for estimation were obtained directly from the High School and Beyond Public Use Data File.

## 2. INTRODUCTION TO THE TABLES

As noted earlier, the data tables for the 1998 HSTS appear in Appendix A of this report. The purpose of the tables is to provide a detailed description of the course-taking patterns of high school graduates in 1998 and to provide a means for determining what changes have taken place in these patterns since 1982. The tables also indicate the relationship between course-taking patterns and student achievement in Civics, Reading, and Writing (the subjects assessed in the 1998 NAEP).

Approximately 2,200 CSSC course codes were classified into various subject matter areas such as English, Mathematics, and History. This classification into subject areas is hierarchical. For example, the Mathematics category contains a number of subcategories including Geometry and Calculus. The full hierarchy and the six-digit CSSC codes associated with each subject matter grouping are shown in Appendix B.

### 2.1 Types of Tables

There are nine general types of tables presented in Appendix A:

- Tables displaying the distribution of graduates by student program (academic or vocational), school type (public/nonpublic), and demographic categories (gender, race/ethnicity, community type, and region) -- Tables 1 to 8.
- Tables displaying the mean number of credits in a subject earned by particular subgroups of students -- Tables 9 to 11, 28, and 35 to 42.
- Tables displaying the percentage of graduates earning the indicated minimum number of credits in the core curriculum courses in 1982, 1987, 1990, 1994, 1998 -- Tables 12 to 22.
- A table (Table 23) displaying the change in the percentage of graduates earning the indicated minimum number of credits in the core curriculum courses between 1982 and 1998, between 1987 and 1998, between 1990 and 1998, and between 1994 and 1998.
- Tables displaying correlations of NAEP proficiencies with various measures -- Tables 24 to 27.
- Tables displaying the percentage of graduates earning various number of credits in specific subject fields -- Tables 29 to 34.

- Tables displaying the percentage of students in subgroups who took at least a specified minimum number of credits in a subject -- Tables 43 to 105.
- Tables displaying NAEP proficiencies by GPA, credits earned, student program, school type, and demographic categories -- Tables 106 to 120.
- A table displaying the number of 1994, 1990, 1987, and 1998 students receiving credit in each secondary subject -- Table 121.

The tables in Appendix A present a great variety of information. Many display data from all five studies. Most tables that display estimates from multiple years also contain the standard error of each estimate so that hypothesis tests can be performed. Unweighted frequencies and percentages in Tables 1 through 7 do not have standard errors because they do not reflect national totals. Tables 1 to 7 describe demographic characteristics of the samples and are not directly related to course-taking patterns. For reasons of compactness, no standard errors have been included in Table 121. Since much of the data in this table is highly disaggregated, it should be used for exploratory purposes only. All remaining estimates are accompanied by standard errors.

All estimates in the tables are weighted with the exception of some in Tables 1 through 7. Tables 1 through 6 display both unweighted and weighted statistics for the classification variables. Table 7 displays an unweighted cross-classification of the other classification variables by type of student program. Table 8 displays the weighted versions of the variables in Table 7.

Due to size limitations in the printing of trend tables, not all trend tables include all previous years. In general, when a year needed to be dropped, the 1987 data was selected for omission. The 1987 data was omitted in tables 36-105, and table 121. The 1987 data may be found in the 1994 High School Tabulations (NCES web site: <http://nces.ed.gov/pubs98/98532err.html>).

## **2.2 “Not Reported” Values for Demographic Variables**

The 1987, 1990, 1994, and 1998 data contain a number of cases in which either the students’ gender or the race/ethnicity are not available. These cases are listed as “Not Reported” in Tables 1, 2, 3, and 4. The 1982 data contain no such cases. The 1982 study was able to reduce the number of such cases because, as a longitudinal study, there were more opportunities to obtain demographic information than in a cross-sectional study. In addition, the 1982 data files provided to Westat contained imputed values for any remaining unknown gender or race/ethnicity values.

The sample sizes for the “Gender Not Reported” category are small (see Tables 1, 2, 3, and 4) for all of the studies. There are 124 such students in 1998, 41 such students in 1994, 9 in 1990, and 64 in 1987. This small sample size means that estimates for students of unknown gender and the related standard errors are extremely unreliable. A similar pattern occurs for the Race/Ethnicity “Other” category. The number of graduates in this category ranges from 45 to 55 in 1982, 1987, and 1990. In 1994, there are 77 graduates in the “Other” Race/Ethnicity category. For this reason, with the exception of Tables 1, 2, 3, and 4, estimates and standard error estimates for these groups of students have been omitted throughout this report. Note that these groups are exceptionally small. All other subgroups presented in the tables have sample sizes of at least 128, so that this problem is unique to the “Gender Not Reported” categories.

## 2.3 Definitions of the Variables Used in the Tables

The following variables, which appear in the tabulations, are defined below: Student Program, Credit, Grade Point Average, Community Type, and Census Region.

### 2.3.1 Student Program

For the purpose of these tables, the student classification variable “Student Program,” was defined as follows:

**Academic** = The student has earned at least 12 credits in the following core course areas: English, Social Studies, Mathematics and/or Science *and* has less than 3 credits in any specific labor market preparation field.

**Vocational** = The student has earned at least 3 credits in a single specific labor market preparation field but has less than 12 credits in the academic fields of English, Social Studies, Mathematics, and Science.

**Both** = The student has earned at least 12 credits in English, Social Studies, Mathematics and/or Science *and* has earned at least 3 credits in a specific labor market preparation field.

**Neither** = The student has not met the course credit requirements above for *either* the academic or the vocational track.

### **2.3.2 Credit**

For the 1987, 1990, 1994, and 1998 High School Transcript Studies, Westat recorded the number of credits received by a student for each course. Because this information varied widely, Westat standardized the credits across schools such that one credit is approximately equal to one Carnegie unit. That is, one credit is equal to a single class period (45 to 60 minutes in length) once per day for a complete academic year. For the 1982 graduates, Westat used the credits for each course as provided on the 1982 High School and Beyond data file.

In some schools, certain courses are classified as noncredit -- that is, students may complete the course with a passing grade but no credit is earned. In that case, the data file contains 0.0 credit for that course and the course is not counted for the current tables. This situation occurs most frequently in courses such as Physical Education, Religion, and other courses not considered part of the core curriculum.

### **2.3.3 Grade Point Average**

Grade information on transcripts varied even more widely than credit information. Grades were reported as letters, numbers, or other symbols on a variety of scales. Westat converted numeric grades to standardized grades as shown in Table 2-1 unless the school documents specified other letter grade equivalents for numeric grades.



Table 2-1. Numeric grade conversion

Numeric grade	Standard grade
90-100	4 = A
80-89	3 = B
70-79	2 = C
60-69	1 = D
< 60	0 = F

A student's grade point average was calculated by summing the product of the standard grade and the credits for each course attempted and dividing the total by the sum of the credits. Noncredit courses were not included in this calculation.

#### 2.3.4 Community Type

The categories of Community Type that are available for the 1982 data are not identical to those used in 1987, 1990, 1994, and 1998 nor could they be collapsed to form comparable groupings. Westat has, therefore, limited the comparisons by community type to the 1987, 1990, and 1994 data. The 1998 data do not correspond to the categories from 1987, 1990, and 1994 data.

The four categories of Community Type for the 1987, 1990, and 1994 tables are the following:

BIG CITY

URBAN FRINGE  
MEDIUM CITY  
SMALL PLACE

The three categories of Community Type for the 1998 tables are the following:

URBAN  
SUBURBAN  
RURAL

These three Community type categories were changed for the 1998 study to coincide with Educational Testing Service’s NAEP reporting. The 1998 definitions for Community Type are not comparable to any earlier High School transcript study, but are comparable to the 1998 NAEP reports.

The definitions of the Community Type categories as shown in Table 2-2 were used in NAEP in 1987, 1990, and 1994.

Table 2-2. Community type categories

Description of Community Code	Class	Limits
1	Big City	Within the city limits of a city with population greater than or equal to 200,000 [or within the city limits of one of two or more central cities of an urbanized area with <b>combined</b> population greater than or equal to 200,000].
2	Urban Fringe	Outside the city limits but within the urbanized area of a Big City.
3	Medium City	Within the city limits of a place with a total population greater than or equal to 25,000 but less than 200,000; the place must <b>not</b> be in the urbanized area of a Big City.
4	Small Place	Open country or a place with a total population less than 25,000; the place must <b>not</b> be in the urbanized area of a Big City.

The 1987 and 1990 designations were based on 1980 census data. The 1994 and 1998 designations were based on 1990 census data.<sup>1</sup> Table 2-3 provides the definitions for the Community Type categories used in the 1998 NAEP results.

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<sup>1</sup> See *1990 National Assessment of Educational Progress: Sampling Weights and Procedures* and *1994 National Assessment of Educational Progress: Sampling and Weighting Procedures* for a detailed description of how these codes are assigned to each school.

Table 2-3. Categories used for Community Type in 1998 results

Description of Community Code	Class	Limits
1	Urban	A central city of Consolidated Metropolitan Statistical Area (CMSA) or Metropolitan Statistical Area (MSA).
2	Suburban	Any incorporated place, Census Designated Place or non-place territory within a CMSA or MSA of a Mid-City or Large City, and defined as urban by the Census Bureau. Or an incorporated place or Census Designated Place with a population greater than or equal to 25,000 and located outside a CMSA or MSA.
3	Rural	An incorporated place, Census Designated Place with a population less than 25,000 and greater than 2,500 and located outside a CMSA or MSA. Or any incorporated place, Census Designated Place, or non-place territory designated as rural by the Census Bureau.

### 2.3.5 Census Region

The regions described in the tables in Appendix A represent the four major census regions: Northeast, South, Midwest, and West. Table 2-4 shows this division according to the states included in each region.

Table 2-4. Census regions

Census Region	States
Northeast	Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont (9 states).
South	Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia (16 states plus the District of Columbia).
Midwest	Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin (12 states).
West	Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming (13 states).

## 2.4 The Subject Area Taxonomy

With over 2,200 codes in the CSSC, it is neither practical nor desirable to include estimates of each possible code in each of the tables. Although Westat is providing estimates for each of the codes that appear in the transcripts in the final table in Appendix A, for most purposes it is more useful to analyze the courses in larger groups such as English, Social Studies, Math, or Science. Westat is, of course, also interested in finer divisions of these groups such as Biology, Chemistry, and Physics. The subject area taxonomy that is presented in Appendix B provides the structure for grouping the courses.

The Secondary School Taxonomy (SST) is used in this report.<sup>2</sup> This is a change from previous High School Transcript Studies, which used a taxonomy developed for the 1987 HSTS. The SST was selected for the 1998 HSTS because it is used by a number of other NCES projects including the *Condition of Education 1995* and the *Digest of Education Statistics 1995*. All 1982, 1987, 1994, and 1998 data included in this report have been reanalyzed using the SST so that comparisons among the years can be made.

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<sup>2</sup> Gifford, A.G., Hoachlander, E.G., and Tuma, J.E., *The Secondary School Taxonomy Final Report*, a report prepared for the National Assessment of Vocational Education, Office of Planning, Budget, and Evaluation, U.S. Department of Education (Berkeley: MPR Associates, Inc., 1995).

There is one major difference between the SST and the HSTS taxonomies. The SST taxonomy divides all courses into three broad domains: Academic, Vocational, and Personal/Other. There is no such division in the HSTS taxonomy.

The three domains are summarized in Tables 9, 10, and 11. The definition of the categories at the highest level of the Academic domain (Mathematics, Science, English, Social Studies, Fine Arts, Foreign Languages) is basically the same as that for the corresponding HSTS categories. Westat has, however, added one supplementary category to the Academic domain, Computer-related Studies, to correspond to one used in previous transcript studies. This new category has three subcategories: Clerical and Data Entry, Computer Applications, and Computer Science. A number of these courses also appear in some other academic categories (principally math) or in some of the Specific Labor Market Preparation vocational categories. When Westat determines whether or not a student has completed the most stringent of the “New Basics” requirements, only the courses in the Computer Science category are considered as meeting the half year of Computer Science requirement (see Tables 12 to 23). A course is, however, never double counted when reporting total credits or total academic credits. Other changes to the SST are described in Appendix B.

## **2.5 Comparability of the Samples**

The samples for the five studies are roughly comparable. The weighting techniques used across all four studies are also comparable. However, there are some differences that warrant notice when using these tables.

The 1982 sample was drawn as part of the first followup to the High School and Beyond longitudinal study. The 1987, 1990, 1994, and 1998 studies were drawn as part of the corresponding NAEP samples. One result of this difference is that the 1982 study, because of its longitudinal nature, had more opportunity to obtain demographic information. On the other hand, because students repeated years, transferred to different schools, or dropped out of school before their senior year, there was also a greater probability that final transcripts showing 4 years of high school could not be obtained for these students.

The samples were drawn at different points in the students’ high school careers. The 1982 students were sampled when they were sophomores and were followed when they transferred to new schools. The 1987 students were sampled when they were juniors, but no attempt was made to follow

them if they left school. The 1990, 1994, and 1998 students were sampled in their senior year. Thus the 1987 study sample, unlike the others, has no students who transferred into their school during their senior year.

All five samples used a multistage, stratified, and clustered design. There are differential rates of oversampling among the studies to reflect special interests. For instance, the 1982 study included nonsampled co-twins, and the 1987 study oversampled students with disabilities.

Westat performed all the variance estimation using the jackknife procedure. Because the number of replicates used in the 1990 study was greater than in the earlier studies, the variance estimates for 1990 are somewhat more precise than in the earlier studies. Similarly, because the number of replicates used in the 1994 and 1998 studies were greater than in the earlier studies, the variance estimates for 1994 and 1998 are even more precise. Note that the 1982 sample differed from the others in both the numbers of schools and the numbers of transcripts in the sample. In 1982 there were considerably fewer transcripts than in later years. The number of schools involved, however, was considerably greater. This means that comparable estimates tend to have comparable sampling errors across years, despite the differences in the number of transcripts collected. In fact, the sampling errors are often smaller for 1982 estimates. In other words, the design effects for years other than 1982 were considerably greater than for 1982, more than offsetting the effects of the larger sample size of transcripts for those other years. The sample sizes differ in the five studies and are summarized in Table 2-5.

Table 2-5. Sample sizes in 1998, 1994, 1990, 1987, and 1982

Sample size	1998	1994	1990	1987	1982
Schools in the original sample	322	379	379	497	1,882
Schools represented in the tables	264	340	330	429	947
Students in the original sample	28,857	28,715	23,270	35,180	18,427
Transcripts represented in the tables	25,422	25,082	21,143	24,977	12,258
Average number of transcripts per school	96.3	73.8	64.1	58.2	12.9

## 2.6 Testing the Significance of Differences Reported in the Tables

The significance of the difference between any pair of estimates in the tables can be tested by using a t-test. To perform the test, calculate the value of t associated with the difference. This is the difference divided by the standard error of the difference. When comparing estimates across years (which are derived from independent samples), the standard error of the difference is

$$\sqrt{SE_1^2 + SE_2^2}$$

where  $SE_1$  is the standard error of the first estimate and  $SE_2$  is the standard error of the second estimate. Thus, when the estimates are  $X_1$  and  $X_2$ , the t-value is

$$t = \frac{|X_1 - X_2|}{\sqrt{SE_1^2 + SE_2^2}}$$

The difference is significant if the t-value is greater than what would be expected by chance for the appropriate number of degrees of freedom. For practical purposes, use 25 degrees of freedom for all inferences about subgroups that appear approximately uniformly in all primary sampling units (PSU) and 10 degrees of freedom for the remaining subgroups.<sup>3</sup>

A reasonable rule of thumb to use for the tables in this report is the following: If the analysis involves the consideration of subgroup estimates for the subgroups defined by race/ethnicity, community type, or region, use 10 degrees of freedom. Otherwise, use 25 degrees of freedom. This guidance applies to analyses both within a single year and across years. At the 0.05 probability level with 25 degrees of freedom, t must be larger than 2.060 to be significant. With 10 degrees of freedom, t must be larger than 2.228.

For example, to determine whether the mean number of graduates taking the least stringent of the Core Curriculum requirements (4 years of English, 3 years of Social Studies, 2 years of Science, and 2 years of Mathematics) changed significantly from 1994 to 1998, consult the last line in Table 12. This line shows that the percentage of graduates taking these courses changed from 74.87 percent in 1994

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<sup>3</sup> For a detailed discussion of the estimation of sampling variance and the determination of the degrees of freedom, see Chapter 6 of the *1998 High School Transcript Study User's Guide*, Chapter 10 of the *1990 NAEP Technical Report*, and Chapter 14 of the *1986 NAEP Technical Report*.

to 76.16 percent in 1998. The standard errors for these percentages are 1.52 and 2.12, respectively. Thus, the t-value for this difference is

$$(76.16 - 74.87) \div \sqrt{(2.12)^2 + (1.52)^2} = 0.49$$

Since 0.49 is less than 2.060, the difference of 1.29 percent is not significant at the 0.05 level of probability.

To determine whether a correlation reported in Tables 24 through 27 is statistically significant, multiply the standard error by 2.06. Then construct a confidence interval around the correlation by first subtracting the product from the correlation to obtain the lower bound of the interval and then adding the product to the correlation to obtain the upper bound. If zero (0) is between the lower and upper bounds, then the correlation is not significant. If the confidence interval excludes zero (0), then the correlation is significant at the 0.05 probability level.

For example, Table 25 shows that a student's GPA has a correlation of 0.543 with his or her NAEP Reading proficiency with a standard error of 0.016. The lower bound of the confidence interval is  $0.543 - (0.016 \times 2.06)$  or 0.510. The upper bound is  $0.543 + (0.016 \times 2.06)$  or 0.576. Since zero is not between 0.510 and 0.576, the correlation is statistically significant.

To determine the practical significance of a correlation, note that the square of a correlation represents the percentage of the variance for which it accounts. Since 0.543 squared is 0.295, the GPA accounts for 29.5 percent of the variance in NAEP Reading proficiency scores.

When making either implicit or explicit multiple comparisons among groups (e.g., the four regions or the five ethnic groups), Westat recommends using the appropriate Bonferroni adjustment to  $p$ . Since there are six possible pairwise comparisons among the four Census regions, the t-value for  $p \leq 0.0083$ , rather than for  $p \leq 0.05$ , should be used (that is,  $t \geq 2.775$ ). Similarly, since there are 10 possible pairwise comparisons among the 5 race/ethnic groups, tests should be made for  $t \geq 3.5821$ .



## 2.7 Comparability with Other Analyses

The data from the 1982, 1987, 1990, 1994, and 1998 studies have been reported elsewhere but have sometimes differed slightly in the values reported. The values have differed for a number of reasons:

- Use of different versions of the 1982 data file;
- Use of different taxonomies for constructed derived variables such as the number of credits earned in English or Mathematics; and
- Use of different criteria for including or excluding students in the analyses.

In this study Westat has attempted to use the same files, taxonomy, and inclusion/exclusion rules as the most recently published studies.

### 2.7.1 The High School and Beyond Data File

Two versions of the High School and Beyond First Follow-up data file are commonly available. One is available on CD-ROM from the National Center for Education Statistics and the other is maintained on an IBM mainframe at the Martin-Marietta data center on an NCES account. Each file contains a slightly different number of records for 1982 graduates.<sup>4</sup> Because the *Digest of Education Statistics 1995* (NCES 95-029) and *Vocational Education in the United States: The Early 1990s* (NCES 95-024) and other recent publications have used the Martin-Marietta version of the High School and Beyond file, Westat has based all 1982 numbers reported in this study on that file.

### 2.7.2 Taxonomy for Derived Variables

The Classification of Secondary School Courses (CSSC) contains approximately 2,200 unique codes. This is too large a number to include a row for each code in the tables. For this reason, Westat derived variables representing such categories as Mathematics, Algebra, Geometry, Calculus, and AP Calculus. While this is a relatively straightforward process, questions can arise about where to place

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<sup>4</sup> The CD-ROM contains records from 10,152 1982 graduates. The mainframe file contains records from 12,736 1982 graduates. Of these, 12,275 were included in the tables in this report.

such courses as “Algebra and Analytic Geometry” (CSSC code 270415) or “Computers in Business” (CSSC code 170311). The resolutions of these questions have been codified in a pair of reporting taxonomies.

The 1987 High School Transcript Study developed a taxonomy used for the *1987 High School Transcript Study Tabulations*. This taxonomy, which is documented in the *1987 Tabulations*, was developed with an emphasis on strictly limiting the content of “academic” categories (the categories recommended for special emphasis in *A Nation at Risk*) to academic courses. It was applied to data from the 1982 High School and Beyond First Follow-up Study and the 1987 HSTS data. Both of these data sets were coded using the CSSC. The 1990 High School Transcript Study used a slightly expanded version of the same taxonomy in its reports.<sup>5</sup>

The *Secondary School Taxonomy* (SST) was originally developed in the late 1980s.<sup>6</sup> In addition to the HS&B and 1987 HSTS files, variants of it were applied to files produced by the Educational Testing Service Study of Academic Prediction of Growth (1969) and the National Longitudinal Study-Youth Cohort (1975-1982), which were coded using unique classification schemes which were not fully compatible with the CSSC. The SST was developed under the auspices of the National Assessment of Vocational Education (NAVE) and was subject to extensive review by vocational and academic educators and researchers, NAVE staff, and contractor staff. Although there is broad agreement between the taxonomy developed for the 1987 HSTS and the SST, the SST has a less purely academic emphasis and a more richly defined group of vocational education categories.

Since most recent NCES publications which have analyzed transcript data have used the SST, Westat adopted it for the tabulations in this study. The SST is, however, limited in that it contains only the CSSC codes found in the data sets which it was designed to analyze. For this reason, Westat has expanded the SST to include all currently defined CSSC codes.<sup>7</sup> The version of the Secondary School

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<sup>5</sup> The 1990 study added 18 new codes to the CSSC and to the taxonomy. The full taxonomy is documented in both *The 1990 High School Transcript Study Tabulations* and *The 1990 High School Transcript Study Data File User's Manual*.

<sup>6</sup> A description of the development of the SST is provided in Gifford, Hoachlander, and Tuma (1994), *The Secondary School Taxonomy Final Report*.

<sup>7</sup> In addition to the studies cited earlier in this section, the National Education Longitudinal Study (NELS) of 1988 Second Follow-Up: Transcript Component collected transcripts from high school graduates and coded them using the CSSC. The students in the transcript component of the NELS study graduated from high school in 1992. Researchers at National Opinion Research Center, which conducted the study for NCES have informed us that they were able to use the CSSC codes in the 1990 version of the CSSC and did not need to add any additional codes.

Taxonomy used in these tables also differs from the version used in previous studies in two other respects:

- Westat has added some additional categories. These have not changed the definition of any of the existing categories.
- Westat has separated Drama and Dance into two categories. This is consistent with the reporting level in the previous high school transcript studies. Since these two values are always reported adjacent to each other, they can easily be added together to determine the corresponding combined category.

Because the SST assigns courses differently to academic and vocational categories, analyses based on the SST report larger numbers of students following vocational curricula and fewer following academic curricula than the taxonomy used in the 1987 and 1990 transcript studies. For example, the 1990 HSTS classified 75 percent of 1990 graduates<sup>8</sup> in academic programs and 6 percent in vocational programs (1990 HSTS Tabulations, Table 1), while the current study classifies 62 percent of 1990 graduates in academic programs and 10 percent in vocational programs (Table 2).

One other feature of the SST that should be kept in mind when interpreting these tables is that it classifies English as a Second Language (ESL) courses as Foreign Language rather than English courses. This has the effect of lowering the number of students who appear to satisfy the recommendation of completing 4 years of English. It also has the effect of increasing the apparent number of Foreign Language courses completed and lowering the correlations of number of years of Foreign Language completed with each set of the NAEP proficiency scores. These effects are particularly noticeable among Hispanic graduates.

### **2.7.3 Inclusion and Exclusion Criteria**

Westat has adopted the following rules for including and excluding students in the analyses which produced the tables:

1. Westat has included both public and private school students.

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<sup>8</sup> Legum, Stanley; Caldwell, Nancy; Goksel, Huseyin; Haynes, Jacqueline; Hynson, Charles; Rust, Keith; Blecher, Nina. *The 1990 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1990, 1987, and 1982 High School Graduates*. U.S. Department of Education, Office of Educational Research and Improvement, National Center for Education Statistics, NCES 93-423, Washington, DC, April 1993.

2. Westat has excluded students with special education diplomas, certificates of attendance, and certificates of completion. Students who received certificates of completion completed the necessary school requirements for graduation, but failed to complete a required state graduation exam.
3. Westat has included students with disabilities (HCFLAG=2 in the HSTS studies) who received regular or honors diplomas (i.e., those who were not screened out by rule 2). This rule led to a substantial increase in the number of students included in the 1987 analysis because the 1987 HSTS oversampled students with disabilities.
4. Westat has excluded students with zero English credits.
5. Westat has excluded students with fewer than 16 Carnegie units.

These inclusion and exclusion rules are consistent with those used in the other recent NCES studies.

Some previous studies have excluded students with more than 32 Carnegie units on the grounds that they must have shorter class periods than normal schools and use of their data would inflate our estimates. In the current study, Westat did NOT exclude students with more than 32 Carnegie units. An analysis of the 4 schools in the 1994 HSTS with the highest percentage of students with more than 32 credits showed that all had class periods between 40 and 45 minutes. Three of these schools had requirements for Religion courses and particularly stringent graduation requirements. The fourth school was a continuation school with some students having credits earned in the 1960s and 1970s, as well as recent credits. The mean and maximum number of credits earned were comparable for each sample as displayed in Table 2-6.

Table 2-6. Mean and maximum number of credits in five transcript studies

Study	Mean number of credits	Maximum number of credits
1982	23.6	75.3
1987	25.1	74.0
1990	25.9	69.4
1994	26.0	72.5
1998	24.7	54.7

The decision to remove the upper limit on Carnegie units slightly increased both the number of students in the calculations and the various estimates reported. For example, the 1982 data set contains 243 graduates (out of 12,413) with more than 32 credits. Including these students raised the unweighted mean number of credits earned from 23.40 (s.d. = 3.15) to 23.64 (s.d. = 3.63).

### 3. TABLE-SPECIFIC NOTES

In tables with columns displaying estimates by race/ethnicity, some headings have been abbreviated. The abbreviated and complete versions of each heading are:

Asian Pacif = Asian/Pacific Islander

NativAmeri = American Indian/Alaska Native

Hispa = Hispanic

In tables with columns displaying estimates by student program, some headings have been abbreviated. The abbreviated and complete versions of each heading are:

Acad. = Academic Track

Voc. = Vocational Track

Because some of the tables subcategorize students into a large number of categories (45 in the case of the 5 race/ethnicity categories when classified by the 9 credits-earned categories), some of the cell sizes are very small. This is sometimes evident in relatively large standard errors. When an estimate has been calculated based on five or fewer students, we have marked the value with a pound sign (#) to the right of the estimate.

Tables 9-24, 28-105, 106-109, 111-114, 116-119.

Individual CSSC course codes have been classified, for the purpose of these tables, into subject matter groupings. The codes contained in each heading are shown in Appendix B.

Tables 12-23, 108-109, 113-114, 118-119 (Core Curriculum):

4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language = Students have earned the following minimum numbers of credits in each of the Core Curriculum subject areas:

4.0 credits in English courses  
3.0 credits in History/Social Studies courses  
3.0 credits in Science courses  
3.0 credits in Mathematics courses  
0.5 credits in Computer Science courses  
2.0 credits in Foreign Language courses

Tables 19-22 (States and Graduation Requirements):

These tables compare states with particular graduation requirements (Law #1 and Law #2) with other states. The Law #1 states have graduation requirements corresponding to the minimal academic program discussed in Section 1.1. The Law #2 states require 1 less year of Science and 1 less year of Mathematics for graduation. These laws are as follows:

**Law #1:** 4.0 credits in English courses  
3.0 credits in History/Social Studies courses  
3.0 credits in Science courses  
3.0 credits in Mathematics courses

**Law #2:** 4.0 credits in English courses  
3.0 credits in History/Social Studies courses  
2.0 credits in Science courses  
2.0 credits in Mathematics courses

Table 3-1 displays graduation requirements by state in terms of Law 1 and Law 2. A “1” in the cell corresponding to a state and year indicates that the state required that students graduating in that year complete at least the Law 1 requirements. A “2” in a cell indicates that the state required that students graduating in that year complete at least the Law 2 requirements. A blank indicates that the state required fewer credits in at least one of the subjects than are required by Law 2. Note that states satisfying Law 1 *a fortiori* also satisfy Law 2. When a cell is shaded, the state had no schools represented in the corresponding transcript study.

Table 3-1. Graduation requirements by state in 1987, 1990, 1994, and 1998

	State Law			
	1987	1990	1994	1998
Alabama	2	2	2	1
Alaska	2	2	2	2
Arizona			2	
Arkansas	2	2	2	1
California				
Colorado		2		
Connecticut	2	2	2	2
Delaware	2	2	2	2
District of Columbia				1
Florida	2	1	1	1
Georgia	2	2	2	1
Hawaii	2	2	2	1
Idaho				
Illinois				
Indiana				
Iowa				
Kansas	2	2	2	2
Kentucky				1
Louisiana	1	1	1	1
Maine				
Maryland	2	2	2	1
Massachusetts				
Michigan				
Minnesota				
Mississippi				1
Missouri				

Table 3-1. Graduation requirements by state in 1987, 1990, 1994, and 1998 (continued)

	State Law			
	1987	1990	1994	1998
Montana				
Nebraska				*
Nevada				
New Hampshire		2	2	
New Jersey		2	2	2
New Mexico	2	2	2	2
New York	2	2	2	2
North Carolina				1
North Dakota	2	2	2	2
Ohio				
Oklahoma				
Oregon				
Pennsylvania	1	1	1	
Rhode Island				
South Carolina	2	2	2	2
South Dakota	2	2	2	2
Tennessee				1
Texas		2	2	
Utah				
Vermont	2	2	2	2
Virginia	2	2	2	1
Washington				
West Virginia	2	2	2	1
Wisconsin	2	2	2	2
Wyoming				1

Some states allow the requirements in some courses to be set by local school boards. In Colorado and Nebraska, the local boards set the requirements for Mathematics, Science, English and Social Studies. In Iowa, Massachusetts, and Michigan, the local boards set the standards for Mathematics, Science and English. Minnesota is on a standards-based system. Pennsylvania's requirements were under revision at the time of the study. This information was gathered from the Council of Chief State School Officers (1998) "Key State Education Policies on K-12 Education Standards, Graduation, Assessment, Teacher Licensure and Attendance: A 50-State Report."

For purposes of the analyses presented in this report, most state-level requirements were determined from the catalogs provided by each school. These were supplemented by lists of state requirements contained in Snyder and Hoffman (1995) *Digest of Education Statistics 1995* (Table 151), Smith et al. (1995) *Condition of Education 1995* (Table 24-9), and Medrich et al. (1992) *Overview and Inventory of State Requirements for School Coursework and Attendance* (Appendix A). Blank et al., (1995) *State Education Policies on K-12 Curriculum, Student Assessment, and Teacher Certification: 1995* provides details of state graduation requirements as of the end of 1994.



Although a number of states had special diplomas in 1998 that satisfy the Law 1 definitions, they have not been included as Law 1 states, because these requirements did not apply to all students.

Tables 24 through 27:

Tables 24 through 27 report on the correlation among various variables collected during the transcript study and NAEP proficiencies. Each cell in the correlation tables reports three values: the Pearson correlation coefficient, the standard error of the correlation, and the number of observations upon which the correlation is based.

NAEP proficiencies produced by the 1998 NAEP are in the form of five plausible values for each assessed topic. The plausible values distributed as part of the standard NAEP data files are conditioned on a large number of variables collected as part of NAEP. The conditioning process removes measurement bias from group level estimates based on relationships involving NAEP proficiencies and the conditioning variables. The effects of relationships between NAEP proficiencies and nonconditioned variables may be biased. In order to avoid this problem, Westat arranged to have the transcript study variables included in the conditioning process.

Correlations were calculated using each of the five plausible values, and standard errors were calculated for each using the jackknife procedure. The five correlations were then averaged, and the variance of this average was added to the variance of the correlation of the first plausible value with the analytic variable to obtain the variance of the correlation. The square root of this variance is the standard error displayed in the table.

Tables 43-105 (Percentage of Graduates Earning Indicated Minimum Credits):

The number appearing in parentheses following the course or series of courses indicates the minimum number of credits that a student must have earned in the course(s) in order to be represented in the table.

Table 106-120 (tables involving NAEP proficiencies):

The NAEP proficiencies produced by the 1998 NAEP are given as five plausible values for each assessed topic. The plausible values distributed as part of the standard NAEP data files are conditioned on numerous variables collected as part of NAEP. The conditioning process removes measurement bias from group level estimates based on relationships involving NAEP proficiencies and the conditioning variables. Because effects of relationships between NAEP proficiencies and non-conditioned variables may be biased, Westat arranged to have the transcript study variables included in the conditioning process.

The NAEP proficiencies and the associated standard errors were calculated using a jackknife procedure on each of the five plausible values and then taking the mean of

the five estimates to produce the proficiency values displayed in the tables. For each data point the variance of this mean was added to the variance produced by the jackknife procedure on the first plausible value. The square root of this sum is the standard error displayed in the table.

Table 121:

Each code in the Classification of Secondary School Courses that occurred in the 1982, 1990, 1994, and 1998 transcript databases is presented in numerical order (due to size limitations, 1987 data were dropped). A single course title is shown with each code, although the classification system itself includes more than one title for many of the codes. When a course is found on one or more 1998 transcripts, the title in the table is the primary title in the 1998 revision of the CSSC. When a course is found only among 1982 or 1994 transcripts, the title in the table is identical to that used in the corresponding 1990 table (Table 1). When a 1982 code was changed, it is reported using the 1990 code and a cross reference is given to the 1982 code. No such reassignments were made for the 1994 and 1998 studies, although 18 codes were added to the CSSC during the coding operation in 1990, 12 were added in 1994, and 84 were added in 1998. Only those CSSC codes which actually occur in one of the four studies appear in the table.

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Appendix A

1998 High School Transcript Study Data Tables

Table 1.—Distribution of 1998 high school graduates by student program, school type (public/nonpublic), and demographic categories

Variable	Frequency	Percent	Weighted Frequency	Weighted Percent
<b>GENDER</b>				
Male	11,406	47.10	1,347,879	47.09
Female	12,689	52.39	1,476,232	51.58
Not Reported	123	0.51	38,038	1.33
<b>RACE/ETHNICITY</b>				
White	14,362	59.30	1,977,314	69.08
Black	4,291	17.72	358,111	12.51
Hispanic	3,364	13.89	302,205	10.56
Asian/Pacific Islander	1,521	6.28	86,317	3.02
Native American	206	0.85	12,790	0.45
Other	34	0.14	2,954	0.10
Not Reported	440	1.82	122,457	4.28
<b>STUDENT PROGRAM</b>				
Academic	16,948	69.98	2,031,663	70.98
Vocational	959	3.96	124,607	4.35
Both	4,880	20.15	552,614	19.31
Neither	1,431	5.91	153,265	5.35
<b>COMMUNITY TYPE</b>				
Urban	8,733	36.06	886,233	30.96
Suburban	9,655	39.87	1,091,852	38.15
Rural	5,830	24.07	884,064	30.89
<b>PUBLIC/NONPUBLIC SCHOOL</b>				
Public	23,133	95.52	2,611,148	91.23
Nonpublic	1,085	4.48	251,001	8.77
<b>CENSUS REGION</b>				
Northeast	3,143	12.98	528,207	18.45
South	9,145	37.76	955,960	33.40
Midwest	5,058	20.89	741,057	25.89
West	6,872	28.38	636,925	22.25

Table 2.—Distribution of 1994 high school graduates by student program, school type (public/nonpublic), and demographic categories

Variable	Frequency	Percent	Weighted Frequency	Weighted Percent
<b>GENDER</b>				
Male	12,172	48.46	1,173,833	48.83
Female	12,907	51.38	1,226,143	51.01
Not Reported	41	0.16	3,988	0.17
<b>RACE/ETHNICITY</b>				
White	15,621	62.19	1,715,583	71.36
Black	4,000	15.92	269,543	11.21
Hispanic	2,836	11.29	178,202	7.41
Asian/Pacific Islander	1,333	5.31	85,485	3.56
Native American	192	0.76	17,646	0.73
Other	77	0.31	6,791	0.28
Not Reported	1,061	4.22	130,714	5.44
<b>STUDENT PROGRAM</b>				
Academic	17,341	69.03	1,656,509	68.91
Vocational	1,484	5.91	153,710	6.39
Both	4,901	19.51	459,134	19.10
Neither	1,394	5.55	134,612	5.60
<b>COMMUNITY TYPE</b>				
Big City	5,628	22.40	420,396	17.49
Urban Fringe	6,198	24.67	620,674	25.82
Medium City	3,993	15.90	351,691	14.63
Small Place	9,301	37.03	1,011,204	42.06
<b>PUBLIC/NONPUBLIC SCHOOL</b>				
Public	23,708	94.38	2,212,567	92.04
Nonpublic	1,412	5.62	191,397	7.96
<b>CENSUS REGION</b>				
Northeast	3,745	14.91	375,002	15.60
South	11,441	45.55	941,268	39.15
Midwest	5,093	20.27	669,238	27.84
West	4,841	19.27	418,456	17.41

Table 3.—Distribution of 1990 high school graduates by student program, school type (public/nonpublic), and demographic categories

Variable	Frequency	Percent	Weighted Frequency	Weighted Percent
<b>GENDER</b>				
Male	10,128	47.87	1,323,639	47.96
Female	11,021	52.09	1,433,594	51.95
Not Reported	9	0.04	2,488	0.09
<b>RACE/ETHNICITY</b>				
White	15,013	70.96	1,975,491	71.58
Black	2,685	12.69	368,366	13.35
Hispanic	1,758	8.31	209,006	7.57
Asian/Pacific Islander	837	3.96	93,505	3.39
Native American	130	0.61	13,891	0.50
Other	49	0.23	5,559	0.20
Not Reported	686	3.24	93,903	3.40
<b>STUDENT PROGRAM</b>				
Academic	14,725	69.60	1,766,554	64.01
Vocational	1,688	7.98	287,581	10.42
Both	3,187	15.06	446,050	16.16
Neither	1,558	7.36	259,536	9.40
<b>COMMUNITY TYPE</b>				
Big City	4,194	19.82	386,944	14.02
Urban Fringe	5,595	26.44	724,963	26.27
Medium City	2,724	12.87	325,848	11.81
Small Place	8,645	40.86	1,321,966	47.90
<b>PUBLIC/NONPUBLIC SCHOOL</b>				
Public	16,497	77.97	2,507,362	90.86
Nonpublic	4,661	22.03	252,359	9.14
<b>CENSUS REGION</b>				
Northeast	4,623	21.85	581,616	21.08
South	8,266	39.07	908,207	32.91
Midwest	4,356	20.59	732,530	26.54
West	3,913	18.49	537,368	19.47



Table 4.—Distribution of 1987 high school graduates by student program, school type (public/nonpublic), and demographic categories

Variable	Frequency	Percent	Weighted Frequency	Weighted Percent
<b>GENDER</b>				
Male	12,518	49.96	1,354,363	49.00
Female	12,472	49.78	1,403,196	50.77
Not Reported	64	0.26	6,493	0.23
<b>RACE/ETHNICITY</b>				
White	16,458	65.69	1,943,748	70.32
Black	3,435	13.71	333,018	12.05
Hispanic	2,628	10.49	169,235	6.12
Asian/Pacific Islander	827	3.30	70,391	2.55
Native American	296	1.18	23,128	0.84
Other	46	0.18	3,878	0.14
Not Reported	1,364	5.44	220,654	7.98
<b>STUDENT PROGRAM</b>				
Academic	13,712	54.73	1,554,121	56.23
Vocational	4,408	17.59	475,398	17.20
Both	3,550	14.17	389,512	14.09
Neither	3,384	13.51	345,020	12.48
<b>COMMUNITY TYPE</b>				
Big City	4,924	19.65	400,422	14.49
Urban Fringe	6,604	26.36	780,475	28.24
Medium City	4,514	18.02	420,846	15.23
Small Place	9,012	35.97	1,162,308	42.05
<b>PUBLIC/NONPUBLIC SCHOOL</b>				
Public	22,763	90.86	2,497,402	90.35
Nonpublic	2,291	9.14	266,650	9.65
<b>CENSUS REGION</b>				
Northeast	4,626	18.46	622,782	22.53
South	8,641	34.49	852,619	30.85
Midwest	6,513	26.00	792,899	28.69
West	5,274	21.05	495,751	17.94

Table 5.—Distribution of 1982 high school graduates by student program, school type (public/nonpublic), and demographic categories

Variable	Frequency	Percent	Weighted Frequency	Weighted Percent
GENDER				
Male	5,919	48.22	1,354,943	47.84
Female	6,356	51.78	1,477,483	52.16
RACE/ETHNICITY				
White	7,551	61.52	2,115,960	74.70
Black	1,648	13.43	297,503	10.50
Hispanic	2,468	20.11	320,099	11.30
Asian/Pacific Islander	338	2.75	40,564	1.43
Native American	168	1.37	30,118	1.06
Other	102	0.83	28,182	0.99
STUDENT PROGRAM				
Academic	5,845	47.62	1,203,523	42.49
Vocational	2,448	19.94	658,231	23.24
Both	1,004	8.18	255,872	9.03
Neither	2,978	24.26	714,800	25.24
COMMUNITY TYPE				
Urban	2,776	22.62	540,885	19.10
Suburban	6,361	51.82	1,409,724	49.77
Rural	3,138	25.56	881,817	31.13
PUBLIC/NONPUBLIC SCHOOL				
Public	9,299	75.76	2,526,691	89.21
Nonpublic	2,976	24.24	305,735	10.79
CENSUS REGION				
Northeast	2,821	22.98	649,628	22.94
South	3,658	29.80	877,716	30.99
Midwest	3,479	28.34	827,423	29.21
West	2,317	18.88	477,659	16.86

Table 6.—Distribution of 1998, 1994, 1990, 1987, and 1982 graduates by student program, school type, (public/nonpublic), and demographic categories - weighted frequencies

Variable	1998 Graduates		1994 Graduates		1990 Graduates		1987 Graduates		1982 Graduates	
	Weighted Frequency	Weighted Percent	Weighted Frequency	Weighted Percent	Weighted Frequency	Weighted Percent	Weighted Frequency	Weighted Percent	Weighted Frequency	Weighted Percent
<b>GENDER</b>										
Male	1,347,879	47.09	1,173,833	48.83	1,323,639	47.96	1,354,363	49.00	1,354,943	47.84
Female	1,476,232	51.58	1,226,143	51.01	1,433,594	51.95	1,403,196	50.77	1,477,483	52.16
Not Reported	38,038	1.33	3,988	0.17	2,488	0.09	6,493	0.23	.	.
<b>RACE/ETHNICITY</b>										
White	1,977,314	69.08	1,715,583	71.36	1,975,491	71.58	1,943,748	70.32	2,115,960	74.70
Black	358,111	12.51	269,543	11.21	368,366	13.35	333,018	12.05	297,503	10.50
Hispanic	302,205	10.56	178,202	7.41	209,006	7.57	169,235	6.12	320,099	11.30
Asian/Pacific Islander	86,317	3.02	85,485	3.56	93,505	3.39	70,391	2.55	40,564	1.43
Native American	12,790	0.45	17,646	0.73	13,891	0.50	23,128	0.84	30,118	1.06
Other	2,954	0.10	6,791	0.28	5,559	0.20	3,878	0.14	28,182	0.99
Not Reported	122,457	4.28	130,714	5.44	93,903	3.40	220,654	7.98	.	.
<b>STUDENT PROGRAM</b>										
Academic	2,031,663	70.98	1,656,509	68.91	1,766,554	64.01	1,554,121	56.23	1,203,523	42.49
Vocational	124,607	4.35	153,710	6.39	287,581	10.42	475,398	17.20	658,231	23.24
Both	552,614	19.31	459,134	19.10	446,050	16.16	389,512	14.09	255,872	9.03
Neither	153,265	5.35	134,612	5.60	259,536	9.40	345,020	12.48	714,800	25.24
<b>COMMUNITY TYPE</b>										
Urban	886,233	30.96	.	.	.	.	.	.	540,885	19.10
Suburban	1,091,852	38.15	.	.	.	.	.	.	1,409,724	49.77
Rural	884,064	30.89	.	.	.	.	.	.	881,817	31.13
Big City	.	.	420,396	17.49	386,944	14.02	400,422	14.49	.	.
Urban Fringe	.	.	620,674	25.82	724,963	26.27	780,475	28.24	.	.
Medium City	.	.	351,691	14.63	325,848	11.81	420,846	15.23	.	.
Small Place	.	.	1,011,204	42.06	1,321,966	47.90	1,162,308	42.05	.	.
<b>PUBLIC/NONPUBLIC SCHOOL</b>										
Public	2,611,148	91.23	2,212,567	92.04	2,507,362	90.86	2,497,402	90.35	2,526,691	89.21
Nonpublic	251,001	8.77	191,397	7.96	252,359	9.14	266,650	9.65	305,735	10.79
<b>CENSUS REGION</b>										
Northeast	528,207	18.45	375,002	15.60	581,616	21.08	622,782	22.53	649,628	22.94
South	955,960	33.40	941,268	39.15	908,207	32.91	852,619	30.85	877,716	30.99
Midwest	741,057	25.89	669,238	27.84	732,530	26.54	792,899	28.69	827,423	29.21
West	636,925	22.25	418,456	17.41	537,368	19.47	495,751	17.94	477,659	16.86

Table 7.-Distribution of 1998 graduates by student program for school type (public/nonpublic) and each demographic category - unweighted frequencies

	Student Program			
	Academic	Vocational	Both	Neither
GENDER				
Male	7,494	633	2,615	664
Female	9,391	316	2,229	753
Not Reported	63	10	36	14
RACE/ETHNICITY				
White	10,179	644	2,851	688
Black	2,842	117	1,084	248
Hispanic	2,232	122	619	391
Asian/Pacific	1,218	31	209	63
Native American	135	11	46	14
Other	26	2	4	2
Not Reported	316	32	67	25
COMMUNITY TYPE				
Urban	6,258	279	1,693	503
Suburban	6,942	373	1,671	669
Rural	3,748	307	1,516	259
PUBLIC/NONPUBLIC SCHOOL				
Public	15,920	951	4,866	1,396
Nonpublic	1,028	8	14	35

Table 7.—Distribution of 1998 graduates by student program for school type (public/nonpublic) and each demographic category -  
unweighted frequencies  
(Continued)

	Student Program			
	Academic	Vocational	Both	Neither
CENSUS REGION				
Northeast	2,345	70	630	98
South	6,027	182	2,742	194
Midwest	3,530	385	752	391
West	5,046	322	756	748

Table 8.—Distribution of 1998 graduates by student program for school type (public/nonpublic) and each demographic category - weighted frequencies

	Student Program			
	Academic	Vocational	Both	Neither
GENDER				
Male	888,801	82,606	309,426	67,045
Female	1,118,909	38,969	237,644	80,710
Not Reported	23,952	3,031	5,543	5,511
RACE/ETHNICITY				
White	1,414,259	94,421	380,305	88,329
Black	238,988	9,441	88,974	20,708
Hispanic	200,094	11,926	55,457	34,729
Asian/Pacific	69,417	1,807	11,784	3,309
Native American	8,481	718	2,801	790
Other	2,203	203	343	206
Not Reported	98,222	6,091	12,949	5,195
COMMUNITY TYPE				
Urban	662,985	26,857	156,632	39,760
Suburban	787,874	44,565	188,310	71,103
Rural	580,805	53,185	207,672	42,403
PUBLIC/NONPUBLIC SCHOOL				
Public	1,793,703	123,099	548,989	145,356
Nonpublic	237,960	1,508	3,624	7,909

Table 8.—Distribution of 1998 graduates by student program for school type (public/nonpublic) and each demographic category -  
 weighted frequencies  
 (Continued)

	Student Program			
	Academic	Vocational	Both	Neither
CENSUS REGION				
Northeast	400,539	11,234	102,197	14,237
South	655,608	19,036	262,522	18,794
Midwest	504,547	62,432	119,935	54,143
West	470,969	31,905	67,959	66,092

Table 9.—Mean number of credits (Carnegie Units) earned in academic courses in 1998, 1994, 1990, 1987, and 1982

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Mathematics	Mean	3.50	3.41	3.24	3.10	2.64
	S.E.	0.03	0.02	0.03	0.03	0.02
Science	Mean	3.15	3.06	2.78	2.56	2.22
	S.E.	0.03	0.03	0.03	0.04	0.02
English	Mean	4.15	4.23	4.12	4.08	3.93
	S.E.	0.04	0.03	0.03	0.02	0.02
Social Studies	Mean	3.78	3.59	3.52	3.39	3.24
	S.E.	0.04	0.04	0.04	0.04	0.04
Fine Arts	Mean	1.89	1.64	1.52	1.42	1.44
	S.E.	0.08	0.04	0.04	0.04	0.03
Foreign Languages	Mean	2.00	1.83	1.66	1.49	1.08
	S.E.	0.04	0.03	0.04	0.05	0.03
<hr/>						
All Academic Courses	Mean	18.47	17.76	16.84	16.04	14.54
	S.E.	0.14	0.09	0.11	0.14	0.09
<hr/>						
Computer-related Studies	Mean	0.75	0.65	0.54	0.49	
	S.E.	0.03	0.02	0.02	0.02	

NOTE: Computer-Related Studies have not been included in the totals for Academic Courses because each of the computer-related courses is also included in another category.

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.



Table 10.—Mean number of credits (Carnegie Units) earned in vocational courses in 1998, 1994, 1990, 1987, and 1982

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Consumer & Homemaking Education	Mean	0.47	0.50	0.54	0.56	0.65
	S.E.	0.03	0.03	0.02	0.03	0.01
General Labor Market Preparation	Mean	0.60	0.67	0.81	0.89	1.04
	S.E.	0.03	0.02	0.02	0.03	0.02
Specific Labor Market Preparation	Mean	2.57	2.55	2.56	2.79	2.73
	S.E.	0.07	0.06	0.06	0.07	0.04
All Vocational Courses						
	Mean	3.65	3.72	3.90	4.24	4.41
	S.E.	0.09	0.08	0.07	0.10	0.04

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 11.—Mean number of credits (Carnegie Units) earned in personal/other courses in 1998, 1994, 1990, 1987, and 1982

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
General Skills	Mean	0.48	0.33	0.33	0.33	0.24
	S.E.	0.03	0.02	0.03	0.02	0.01
Personal Health & Physical Education	Mean	2.33	2.21	2.25	2.20	2.29
	S.E.	0.07	0.06	0.06	0.07	0.05
Religion	Mean	0.24	0.23	0.24	0.24	0.22
	S.E.	0.03	0.05	0.03	0.04	0.02
Military Science	Mean	0.07	0.05	0.04	0.05	0.03
	S.E.	0.01	0.01	0.01	0.01	0.00
Special Education	Mean	0.25	0.22	0.19	0.18	0.02
	S.E.	0.02	0.02	0.02	0.01	0.00
All Courses Other Than Above	Mean	0.02	0.01	0.02	0.01	0.00
	S.E.	0.00	0.00	0.00	0.00	0.00
All Personal/Other Courses	Mean	3.41	2.84	2.88	2.84	2.79
	S.E.	0.08	0.09	0.07	0.09	0.05

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 12.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in core curriculum courses in 1998, 1994, 1990, and 1982

Courses Taken		1998 Graduates	1994 Graduates	1990 Graduates	1982 Graduates
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Percent	15.10	25.37	18.25	2.02
	S.E.	1.56	1.07	1.07	0.24
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Percent	18.70	32.10	23.31	2.91
	S.E.	1.65	1.39	1.22	0.27
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Percent	44.65	39.26	30.26	9.17
	S.E.	1.91	1.13	1.27	0.44
4 English + 3 Social Studies + 3 Science + 3 Mathematics +	Percent	55.91	49.94	38.82	13.99
	S.E.	2.44	1.49	1.53	0.53
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Percent	75.59	74.87	66.54	31.51
	S.E.	2.18	1.52	2.06	1.05

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 13.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in core curriculum courses in 1998, 1994, 1990, and 1982, by gender

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Percent	15.19	15.39	27.07	23.59	18.40	18.09	1.84	2.22
	S.E.	1.56	2.20	1.35	0.95	1.10	1.16	0.26	0.34
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Percent	18.29	19.58	32.95	31.19	22.76	23.87	2.30	3.56
	S.E.	1.64	2.23	1.64	1.29	1.26	1.32	0.29	0.47
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Percent	48.76	40.92	43.08	35.28	31.26	29.18	9.56	8.75
	S.E.	2.05	2.18	1.35	1.12	1.37	1.38	0.52	0.64
4 English + 3 Social Studies + 3 Science + 3 Mathematics	Percent	58.57	53.93	52.08	47.68	38.41	39.20	13.25	14.79
	S.E.	2.49	2.63	1.62	1.50	1.57	1.71	0.77	0.81
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Percent	77.81	74.14	77.15	72.49	67.12	65.86	31.45	31.57
	S.E.	2.15	2.32	1.47	1.66	2.06	2.21	1.34	1.32

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 14.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in core curriculum courses in 1998, 1994, 1990, and 1982, by race/ethnicity

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates					
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Percent	16.16	13.78	12.55	14.72	11.35	26.60	19.47	27.72	36.33	12.91	18.86	15.45	18.20	23.92	7.77	2.39	0.85	0.55	5.58	0.07
	S.E.	2.04	1.33	1.95	2.93	4.04	1.20	1.50	3.96	2.82	3.09	1.21	1.68	2.47	2.28	3.33	0.32	0.28	0.22	1.58	0.07
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Percent	19.94	18.24	15.57	16.32	16.00	33.62	28.13	31.15	40.19	25.54	23.53	25.27	20.46	27.20	14.60	3.43	1.29	0.90	6.63	0.07
	S.E.	2.14	1.64	2.23	3.18	4.07	1.56	2.55	4.07	2.87	4.58	1.37	2.36	2.60	2.36	4.21	0.36	0.36	0.34	1.51	0.07
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Percent	46.23	39.89	32.53	54.80	29.92	41.80	30.14	36.32	51.20	22.46	32.03	23.32	25.76	43.67	9.92	10.52	5.34	3.73	17.11	5.66
	S.E.	2.17	3.53	2.87	2.43	4.56	1.33	1.56	3.14	2.34	4.31	1.47	2.28	2.46	3.03	3.70	0.47	1.19	0.54	2.62	2.80
4 English + 3 Social Studies + 3 Science + 3 Mathematics	Percent	57.32	57.16	41.39	64.80	42.93	52.88	44.92	41.21	56.07	46.01	39.82	39.54	30.29	48.84	20.85	15.50	11.55	6.52	21.34	6.54
	S.E.	2.70	4.62	3.39	3.79	4.19	1.71	2.54	3.44	2.41	3.30	1.66	3.61	2.60	3.07	4.84	0.66	1.29	0.59	2.81	2.74
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Percent	75.36	78.42	73.10	79.53	79.18	75.74	76.64	77.53	73.12	77.02	65.75	73.34	64.60	70.61	47.93	32.46	31.65	25.17	34.34	35.66
	S.E.	2.67	3.20	2.57	3.61	4.31	1.70	2.35	3.08	3.45	3.75	2.38	3.14	3.11	4.03	6.56	1.29	2.46	1.53	2.96	8.40

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 15.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in core curriculum courses in 1998, 1994, 1990, and 1982, by student program

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language																
Percent	18.34	0.00	10.76	0.00	31.99	0.00	17.39	0.00	25.85	0.00	10.53	0.00	4.57	0.00	0.92	0.00
S.E.	1.94	0.00	1.39	0.00	1.31	0.00	1.07	0.00	1.39	0.00	1.01	0.00	0.55	0.00	0.34	0.00
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer																
Percent	21.97	0.00	16.07	0.00	38.85	0.00	27.83	0.00	31.77	0.00	18.40	0.00	6.06	0.00	3.67	0.00
S.E.	1.96	0.00	1.74	0.00	1.58	0.00	1.50	0.00	1.52	0.00	1.57	0.00	0.63	0.00	0.98	0.00
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language																
Percent	53.78	0.00	33.51	0.00	50.54	0.00	23.12	0.00	43.35	0.00	15.52	0.00	20.66	0.00	4.35	0.00
S.E.	1.98	0.00	2.66	0.00	1.37	0.00	1.22	0.00	1.52	0.00	1.42	0.00	0.83	0.00	0.82	0.00
4 English + 3 Social Studies + 3 Science + 3 Mathematics																
Percent	64.26	0.00	53.32	0.00	61.04	0.00	41.11	0.00	53.35	0.00	28.90	0.00	29.48	0.00	16.20	0.00
S.E.	2.38	0.00	3.52	0.00	1.57	0.00	1.90	0.00	1.69	0.00	2.43	0.00	0.90	0.00	1.60	0.00
4 English + 3 Social Studies + 2 Science + 2 Mathematics																
Percent	82.53	15.39	80.37	15.30	82.56	21.76	82.14	15.55	80.07	14.51	76.84	14.44	55.71	5.54	58.06	5.17
S.E.	1.92	3.21	2.74	1.63	1.53	3.48	1.49	2.31	1.78	2.49	2.26	1.81	1.30	0.55	1.91	0.78

NOTE: Because of the definitions of the Student Program types, it is not possible for Vocational or Neither students to take the course combinations shown in the first four rows of this table. Students who took 4 years of English, 3 years of Social Studies or History, 3 years of Science, and 3 years of Mathematics are, by definition, classified as Academic or Both.

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 16.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in core curriculum courses in 1998, 1994, and 1990, by community type

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Percent S.E.	17.34 3.32	11.82 1.29	16.90 3.74	26.76 2.23	28.74 2.32	25.19 2.90	22.80 1.22	20.66 3.14	20.41 1.99	20.33 3.19	15.85 1.46
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Percent S.E.	20.89 3.36	13.89 1.47	22.44 4.03	31.93 2.71	32.80 2.52	30.63 3.52	32.26 1.87	24.59 3.62	23.58 2.23	23.98 3.52	22.63 1.66
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Percent S.E.	50.16 3.57	44.15 1.89	39.74 4.30	43.54 2.90	43.32 2.53	38.67 2.99	35.20 1.54	32.54 3.96	35.44 2.09	35.64 2.65	25.42 2.09
4 English + 3 Social Studies + 3 Science + 3 Mathematics	Percent S.E.	61.04 4.04	54.51 2.46	52.50 5.08	52.69 3.81	48.99 2.79	47.84 3.79	50.10 2.21	39.32 4.86	41.49 2.36	42.53 3.84	36.30 2.35
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Percent S.E.	81.43 2.78	73.07 2.60	72.87 4.99	76.56 3.11	73.66 2.99	70.64 4.21	76.37 2.37	70.15 5.75	67.57 3.31	70.92 3.22	63.85 3.35

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 17.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in core curriculum courses in 1998, 1994, 1990, and 1982, by school type (public/nonpublic)

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Nonpublic	Public	Nonpublic	Public	Nonpublic	Public	Nonpublic
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Percent S.E.	13.75 1.41	29.16 10.11	24.35 1.00	37.25 3.80	17.35 1.18	27.20 2.65	1.93 0.24	2.82 0.70
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Percent S.E.	17.41 1.61	32.12 9.79	31.17 1.34	42.90 3.69	22.55 1.34	30.82 2.81	2.87 0.26	3.23 0.81
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Percent S.E.	42.37 1.80	68.34 8.50	37.90 1.08	55.05 4.48	28.31 1.37	49.63 3.53	7.90 0.49	19.65 1.76
4 English + 3 Social Studies + 3 Science + 3 Mathematics	Percent S.E.	54.27 2.36	73.01 8.05	48.89 1.45	62.04 4.39	37.06 1.67	56.35 3.39	12.74 0.60	24.28 2.09
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Percent S.E.	74.46 2.22	87.40 5.09	74.45 1.51	79.73 4.78	65.25 2.24	79.37 2.95	29.52 1.12	47.95 3.29

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.



Table 18.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in core curriculum courses in 1998, 1994, 1990, and 1982, by region

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates				
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Percent	15.49	22.12	12.92	6.76	30.57	29.69	19.80	19.92	23.50	24.90	10.61	11.74	5.45	0.90	1.06	1.11
	S.E.	4.43	3.64	2.04	0.63	2.67	1.56	2.18	2.42	1.98	1.97	1.72	1.18	0.76	0.31	0.23	0.31
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Percent	17.71	26.82	17.72	8.46	33.36	39.51	26.00	24.06	26.64	33.31	15.14	13.94	6.11	1.45	2.92	1.21
	S.E.	5.15	3.80	1.80	0.69	2.83	2.09	2.95	2.68	2.31	2.10	1.94	1.44	0.77	0.36	0.49	0.31
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Percent	46.95	57.38	35.62	34.14	49.51	42.01	32.78	34.27	38.66	37.07	20.30	23.22	20.68	7.47	4.53	4.67
	S.E.	5.87	3.29	3.79	3.02	3.00	1.71	2.08	2.56	2.75	2.28	2.59	1.86	1.47	0.89	0.65	0.77
4 English + 3 Social Studies + 3 Science + 3 Mathematics	Percent	54.96	72.88	45.53	43.30	56.42	57.20	41.78	40.81	45.12	50.99	27.08	27.45	24.82	14.16	9.37	6.93
	S.E.	7.24	4.21	3.92	4.14	3.19	2.43	2.80	2.72	3.04	3.03	2.70	2.17	1.87	0.88	1.07	0.76
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Percent	74.10	86.42	63.98	74.09	77.20	84.99	59.55	74.46	65.44	83.25	46.63	66.65	46.48	36.69	20.44	20.80
	S.E.	6.81	2.77	4.63	3.43	3.55	2.15	3.02	3.57	4.46	2.63	4.16	4.57	2.61	1.29	1.63	1.87

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 19.—Percentage of graduates completing minimum number of credits (Carnegie Units) in core curriculum courses by state law concerning graduation requirements (1998)

New Basics	The Law State Categories				
		Law 1 States	Non-Law 1 States	Law 2 States	Non-Law 2 States
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Percent S.E.	18.10 3.80	13.76 1.63	15.50 2.26	14.60 2.26
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Percent S.E.	23.05 4.30	16.76 1.57	19.76 2.53	17.40 2.30
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Percent S.E.	55.03 4.57	40.03 2.07	50.95 2.98	36.93 2.29
4 English + 3 Social Studies + 3 Science + 3 Mathematics +	Percent S.E.	72.77 5.80	48.41 2.30	64.78 3.70	45.04 2.39
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Percent S.E.	84.09 4.81	71.81 2.33	81.47 3.01	68.40 2.59

NOTE: The 1998 Law 1 states are: Alabama, Arkansas, District of Columbia, Florida, Georgia, Hawaii, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Pennsylvania, Tennessee, Virginia, West Virginia, and Wyoming. The Law 2 states are: Alabama, Alaska, Arkansas, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Kansas, Kentucky, Louisiana, Maryland, Mississippi, New Jersey, New Mexico, New York, North Carolina, North Dakota, Pennsylvania, South Carolina, South Dakota, Tennessee, Vermont, Virginia, West Virginia, Wisconsin, and Wyoming.

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 20.—Percentage of graduates completing minimum number of credits (Carnegie Units) in core curriculum courses by state law concerning graduation requirements (1994)

New Basics	The Law State Categories				
		Law 1 States	Non-Law 1 States	Law 2 States	Non-Law 2 States
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Percent S.E.	35.40 2.75	24.33 1.13	31.93 1.66	18.56 1.46
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Percent S.E.	48.34 3.39	30.42 1.39	39.66 2.09	24.24 1.76
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Percent S.E.	55.24 3.09	37.60 1.18	45.81 1.68	32.43 1.64
4 English + 3 Social Studies + 3 Science + 3 Mathematics +	Percent S.E.	78.32 2.73	46.99 1.43	57.84 2.27	41.69 1.94
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Percent S.E.	89.34 2.31	73.34 1.58	84.44 1.99	64.87 2.33

NOTE: The 1994 Law 1 states are: Florida, Louisiana, and Pennsylvania. The Law 2 states are Alabama, Alaska, Arizona, Arkansas, Connecticut, Delaware, Florida, Georgia, Hawaii, Kansas, Louisiana, Maryland, New Hampshire, New Jersey, New Mexico, New York, North Dakota, Pennsylvania, South Carolina, South Dakota, Vermont, Virginia, West Virginia, and Wisconsin. In Colorado, school districts, not the state, set graduation requirements. For this reason, if a student is in a Colorado district with Law 2 requirements, he or she is treated as if in a Law 2 state. If a student is in a Colorado district with weaker requirements, he or she is treated as if in a non-Law 2 state.

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 21.—Percentage of graduates completing minimum number of credits (Carnegie Units) in core curriculum courses by state law concerning graduation requirements (1990)

New Basics	The Law State Categories				
	Law 1 States	Non-Law 1 States	Law 2 States	Non-Law 2 States	
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Percent S.E.	33.45 2.68	16.44 1.08	26.50 1.69	10.85 0.89
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Percent S.E.	47.46 2.49	20.44 1.19	32.75 2.01	14.84 0.99
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Percent S.E.	50.46 2.25	27.86 1.35	40.78 1.74	20.81 1.51
4 English + 3 Social Studies + 3 Science + 3 Mathematics +	Percent S.E.	72.73 2.50	34.79 1.48	51.07 2.39	27.83 1.69
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Percent S.E.	91.91 1.40	63.53 2.36	82.37 2.11	52.34 2.88

NOTE: The 1990 Law 1 states are: Florida, Louisiana, and Pennsylvania. The Law 2 states are Alabama, Alaska, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Kansas, Louisiana, Maryland, New Jersey, New Mexico, New York, North Dakota, Pennsylvania, South Carolina, South Dakota, Texas, Vermont, Virginia, West Virginia, and Wisconsin. Although Colorado does not have state-mandated graduation requirements, all students from Colorado in the 1990 sample were from schools requiring at least the equivalent of Law 2 for graduation.

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 22.—Percentage of graduates completing minimum number of credits (Carnegie Units) in core curriculum courses by state law concerning graduation requirements (1987)

New Basics	The Law State Categories				
		Law 1 States	Non-Law 1 States	Law 2 States	Non-Law 2 States
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Percent S.E.	23.30 5.88	11.32 0.65	15.74 1.56	9.96 0.91
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Percent S.E.	28.83 5.47	15.65 0.78	21.73 1.66	13.42 1.10
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Percent S.E.	35.02 5.29	19.48 0.93	25.42 2.13	17.59 1.24
4 English + 3 Social Studies + 3 Science + 3 Mathematics +	Percent S.E.	43.88 4.71	26.72 1.05	35.26 1.92	23.43 1.43
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Percent S.E.	70.94 4.95	52.80 1.57	65.69 2.73	46.96 2.15

NOTE: The 1987 Law 1 states are: Louisiana and Pennsylvania. The Law 2 states are Alabama, Alaska, Arkansas, Connecticut, Delaware, Florida, Georgia, Hawaii, Kansas, Louisiana, Maryland, New Mexico, New York, North Dakota, Pennsylvania, South Carolina, South Dakota, Vermont, Virginia, West Virginia, and Wisconsin. Although Colorado does not have state-mandated graduation

NOTE: The estimates in this table may differ somewhat from other NCES reports for reasons discussed in Chapter 2, such as differences in inclusion/exclusion criteria for student records or changes in the taxonomy used to summarize the courses.

Table 23.—Change in percentage of graduates earning indicated minimum credits (Carnegie Units) in core curriculum courses between 1994 and 1998; 1990 and 1998; 1987 and 1998; and 1982 and 1998

Courses Taken	Change From 1994-1998	Change From 1990-1998	Change From 1987-1998	Change From 1982-1998
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	-10.28 *	-3.15	2.96	13.07 *
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	-13.41 *	-4.61 *	2.14	15.79 *
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	5.39 *	14.39 *	24.10 *	35.48 *
4 English + 3 Social Studies + 3 Science + 3 Mathematics	5.97 *	17.09 *	28.02 *	41.92 *
4 English + 3 Social Studies + 2 Science + 2 Mathematics	0.73	9.05 *	21.58 *	44.08 *

\*Differences that are significant at the  $p < 0.05$  level (for  $t$  with 25 degrees of freedom) are indicated by an asterisk.

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories

Subject Field				NAEP Assessment			
				Reading	Writing	Civics	
Mathematics	ALL GRADUATES	Pearson Rho		0.26009	0.29805	0.28805	
		S.E.		0.01993	0.02194	0.03011	
		N		4744	7406	2956	
		STUDENT GENDER					
		Male	Pearson Rho		0.29800	0.35328	0.32393
			S.E.		0.02777	0.02651	0.03882
			N		2235	3497	1377
		Female	Pearson Rho		0.23617	0.25324	0.24698
			S.E.		0.02572	0.02678	0.03706
			N		2509	3908	1579
		RACE/ETHNICITY					
		White	Pearson Rho		0.28659	0.33469	0.32681
			S.E.		0.02104	0.02579	0.03795
			N		2906	4490	1752
		Black	Pearson Rho		0.23841	0.19927	0.28121
			S.E.		0.03840	0.04847	0.05791
			N		819	1327	520
		Hispanic	Pearson Rho		0.12419	0.17351	0.13765
			S.E.		0.06840	0.04330	0.07077
			N		673	1039	455
		Asian/Pacific Islander	Pearson Rho		0.32077	0.30422	0.25071
			S.E.		0.06225	0.05370	0.07566
			N		306	464	201
		Native American	Pearson Rho		-0.02766	0.41980	0.08245
			S.E.		0.20519	0.12960	0.25992
			N		39	80	25
		Other	Pearson Rho		.	0.64947	-0.42332
	S.E.			.	0.24211	0.93616	
	N			1	6	3	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
Mathematics	STUDENT PROGRAM					
	Academic	Pearson Rho		0.20826	0.23051	0.21368
		S.E.		0.02516	0.02213	0.02886
		N		3409	5284	2081
	Vocational	Pearson Rho		-0.00454	0.06096	0.18748
		S.E.		0.12897	0.07574	0.15299
		N		133	246	88
	Both	Pearson Rho		0.16094	0.22270	0.24547
		S.E.		0.04708	0.04767	0.08083
		N		955	1529	661
	Neither	Pearson Rho		-0.05076	-0.07786	0.02945
		S.E.		0.09597	0.07493	0.10591
		N		247	347	126
	COMMUNITY TYPE					
	Urban	Pearson Rho		0.23431	0.29716	0.30151
S.E.			0.02835	0.03380	0.04936	
N			1525	2448	993	
Suburban	Pearson Rho		0.24807	0.23951	0.23006	
	S.E.		0.03419	0.03260	0.04002	
	N		1905	2902	1174	
Rural	Pearson Rho		0.28142	0.34663	0.34165	
	S.E.		0.03193	0.03620	0.06514	
	N		1314	2056	789	



Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Mathematics	PUBLIC/NONPUBLIC SCHOOL				
	Public	Pearson Rho	0.25914	0.29413	0.28856
		S.E.	0.02060	0.02128	0.03004
		N	4531	7090	2832
	Nonpublic	Pearson Rho	0.15952	0.16690	0.10588
		S.E.	0.05875	0.10500	0.11877
		N	213	316	124
	CENSUS REGION				
	Northeast	Pearson Rho	0.19634	0.20694	0.21264
		S.E.	0.05333	0.06083	0.08463
		N	496	872	342
	South	Pearson Rho	0.25447	0.30241	0.29450
		S.E.	0.02221	0.03237	0.04240
		N	1995	2921	1192
	Midwest	Pearson Rho	0.30699	0.38621	0.34266
		S.E.	0.03656	0.04114	0.05548
		N	868	1644	622
	West	Pearson Rho	0.29074	0.29995	0.29281
		S.E.	0.03902	0.03187	0.05175
		N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment					
		Reading	Writing	Civics		
Science	ALL GRADUATES	Pearson Rho	0.35252	0.34146	0.38565	
		S.E.	0.02092	0.01617	0.02078	
		N	4744	7406	2956	
	STUDENT GENDER	Male	Pearson Rho	0.37148	0.36301	0.38515
			S.E.	0.02984	0.01833	0.04007
			N	2235	3497	1377
	Female	Pearson Rho	0.34289	0.34063	0.38952	
		S.E.	0.02798	0.02177	0.02534	
		N	2509	3908	1579	
	RACE/ETHNICITY	White	Pearson Rho	0.35595	0.31734	0.39065
			S.E.	0.02416	0.01875	0.02424
			N	2906	4490	1752
		Black	Pearson Rho	0.27142	0.34147	0.32761
			S.E.	0.05442	0.04889	0.07014
			N	819	1327	520
		Hispanic	Pearson Rho	0.28869	0.35661	0.30503
			S.E.	0.08774	0.05051	0.07068
			N	673	1039	455
		Asian/Pacific Islander	Pearson Rho	0.30248	0.41392	0.42900
			S.E.	0.05993	0.05315	0.05904
			N	306	464	201
		Native American	Pearson Rho	0.39056	0.29487	0.20062
			S.E.	0.13051	0.12018	0.21036
			N	39	80	25
		Other	Pearson Rho	.	0.29070	0.46413
			S.E.	.	0.31835	0.79733
			N	1	6	3

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Science	STUDENT PROGRAM				
	Academic	Pearson Rho	0.32097	0.27782	0.34283
		S.E.	0.01991	0.01683	0.02696
		N	3409	5284	2081
	Vocational	Pearson Rho	0.06326	-0.02426	0.21462
		S.E.	0.11155	0.06764	0.14534
		N	133	246	88
	Both	Pearson Rho	0.23155	0.31186	0.34374
		S.E.	0.06656	0.05248	0.04912
		N	955	1529	661
	Neither	Pearson Rho	-0.00069	-0.05732	-0.18006
		S.E.	0.08107	0.10064	0.08671
		N	247	347	126
	COMMUNITY TYPE				
	Urban	Pearson Rho	0.34527	0.38346	0.41065
		S.E.	0.02503	0.03247	0.03049
		N	1525	2448	993
	Suburban	Pearson Rho	0.33033	0.28388	0.31793
		S.E.	0.03243	0.02629	0.03662
		N	1905	2902	1174
	Rural	Pearson Rho	0.37996	0.37267	0.45781
		S.E.	0.04584	0.03047	0.04109
		N	1314	2056	789

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Science	PUBLIC/NONPUBLIC SCHOOL				
	Public	Pearson Rho	0.35476	0.34022	0.38692
		S.E.	0.02219	0.01691	0.02068
		N	4531	7090	2832
	Nonpublic	Pearson Rho	0.28877	0.40079	0.38470
		S.E.	0.05697	0.08351	0.16367
		N	213	316	124
	CENSUS REGION				
	Northeast	Pearson Rho	0.34261	0.27025	0.31660
		S.E.	0.05757	0.03654	0.05698
		N	496	872	342
	South	Pearson Rho	0.38704	0.35982	0.38436
		S.E.	0.03258	0.02769	0.03165
		N	1995	2921	1192
	Midwest	Pearson Rho	0.37035	0.42845	0.49025
		S.E.	0.04266	0.03558	0.02838
		N	868	1644	622
	West	Pearson Rho	0.37113	0.35903	0.36178
		S.E.	0.03569	0.02786	0.03849
		N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment					
		Reading	Writing	Civics		
English	ALL GRADUATES	Pearson Rho	0.13461	0.17176	0.09547	
		S.E.	0.02616	0.02908	0.02975	
		N	4744	7406	2956	
	STUDENT GENDER	Male	Pearson Rho	0.12352	0.16690	0.08044
			S.E.	0.02972	0.03571	0.03950
			N	2235	3497	1377
	Female	Pearson Rho	0.12322	0.15136	0.11209	
		S.E.	0.03363	0.03346	0.03733	
		N	2509	3908	1579	
	RACE/ETHNICITY	White	Pearson Rho	0.12582	0.18441	0.10204
			S.E.	0.03466	0.03243	0.04234
			N	2906	4490	1752
		Black	Pearson Rho	0.11388	0.09986	0.09309
			S.E.	0.04697	0.05586	0.06641
			N	819	1327	520
		Hispanic	Pearson Rho	0.22851	0.21389	0.13416
			S.E.	0.06075	0.05810	0.06770
			N	673	1039	455
		Asian/Pacific Islander	Pearson Rho	0.12119	0.17931	0.17516
			S.E.	0.07212	0.08333	0.08794
			N	306	464	201
		Native American	Pearson Rho	0.22664	0.02108	0.03254
			S.E.	0.16433	0.20106	0.25570
			N	39	80	25
Other		Pearson Rho	.	0.21184	0.27610	
		S.E.	.	0.38574	0.83531	
		N	1	6	3	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
English	STUDENT PROGRAM				
	Academic	Pearson Rho	0.08213	0.09812	0.02145
		S.E.	0.02763	0.03317	0.02774
		N	3409	5284	2081
	Vocational	Pearson Rho	-0.01521	0.08379	-0.12917
		S.E.	0.11313	0.08781	0.11359
		N	133	246	88
	Both	Pearson Rho	0.03947	0.16279	0.10244
		S.E.	0.05680	0.05741	0.08580
		N	955	1529	661
	Neither	Pearson Rho	0.13284	0.19047	0.10875
		S.E.	0.09494	0.06951	0.08148
		N	247	347	126
	COMMUNITY TYPE				
	Urban	Pearson Rho	0.11569	0.21187	0.11360
S.E.		0.03784	0.04152	0.06255	
N		1525	2448	993	
Suburban	Pearson Rho	0.13360	0.14504	0.09528	
	S.E.	0.03962	0.04573	0.04555	
	N	1905	2902	1174	
Rural	Pearson Rho	0.13967	0.15551	0.07788	
	S.E.	0.04397	0.03569	0.05826	
	N	1314	2056	789	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
English	PUBLIC/NONPUBLIC SCHOOL				
	Public	Pearson Rho	0.13524	0.15863	0.09105
		S.E.	0.02643	0.02700	0.02836
		N	4531	7090	2832
	Nonpublic	Pearson Rho	0.02504	0.17240	0.05282
		S.E.	0.10774	0.09376	0.12072
		N	213	316	124
	CENSUS REGION				
	Northeast	Pearson Rho	-0.05746	0.06929	-0.03322
		S.E.	0.08970	0.08011	0.07385
		N	496	872	342
	South	Pearson Rho	0.15725	0.21649	0.14918
		S.E.	0.03262	0.03883	0.05977
		N	1995	2921	1192
	Midwest	Pearson Rho	0.19413	0.21508	0.18178
		S.E.	0.03605	0.05800	0.04412
		N	868	1644	622
	West	Pearson Rho	0.18981	0.14672	0.05695
		S.E.	0.03972	0.04555	0.05755
		N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment					
		Reading	Writing	Civics		
Social Studies	ALL GRADUATES	Pearson Rho	0.13113	0.10406	0.10030	
		S.E.	0.02857	0.02448	0.03678	
		N	4744	7406	2956	
	STUDENT GENDER	Male	Pearson Rho	0.12365	0.07225	0.09827
			S.E.	0.04069	0.04190	0.04783
			N	2235	3497	1377
	Female	Pearson Rho	0.12117	0.11595	0.10265	
		S.E.	0.02745	0.02400	0.03469	
		N	2509	3908	1579	
	RACE/ETHNICITY	White	Pearson Rho	0.11383	0.09793	0.07911
			S.E.	0.03404	0.03250	0.04087
			N	2906	4490	1752
		Black	Pearson Rho	0.13424	0.04861	0.08391
			S.E.	0.05068	0.03623	0.07054
			N	819	1327	520
		Hispanic	Pearson Rho	0.11610	0.09601	0.12873
			S.E.	0.06625	0.04303	0.08054
			N	673	1039	455
		Asian/Pacific Islander	Pearson Rho	0.14285	0.04810	0.14326
			S.E.	0.06255	0.06240	0.07364
			N	306	464	201
Native American		Pearson Rho	-0.03579	0.20176	0.21757	
		S.E.	0.25061	0.14953	0.19536	
		N	39	80	25	
Other		Pearson Rho	.	0.77583	0.46413	
		S.E.	.	0.17510	0.79733	
		N	1	6	3	



Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Social Studies	STUDENT PROGRAM				
	Academic	Pearson Rho	0.07123	0.04183	0.04917
		S.E.	0.03081	0.02734	0.04143
		N	3409	5284	2081
	Vocational	Pearson Rho	0.27067	0.06906	0.08765
		S.E.	0.10170	0.07399	0.10443
		N	133	246	88
	Both	Pearson Rho	0.04783	0.03939	-0.02084
		S.E.	0.04665	0.03642	0.04945
		N	955	1529	661
	Neither	Pearson Rho	0.14948	-0.07565	0.16105
		S.E.	0.08192	0.15983	0.09245
		N	247	347	126
	COMMUNITY TYPE				
	Urban	Pearson Rho	0.11885	0.11073	0.07696
		S.E.	0.04529	0.05192	0.05905
		N	1525	2448	993
	Suburban	Pearson Rho	0.11914	0.08575	0.11463
		S.E.	0.04988	0.03384	0.04888
		N	1905	2902	1174
	Rural	Pearson Rho	0.16954	0.12810	0.10958
		S.E.	0.04832	0.03470	0.07089
		N	1314	2056	789

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Social Studies	PUBLIC/NONPUBLIC SCHOOL				
	Public	Pearson Rho	0.14122	0.12964	0.11881
		S.E.	0.03165	0.02293	0.03715
		N	4531	7090	2832
	Nonpublic	Pearson Rho	0.13681	0.02857	-0.02172
		S.E.	0.10484	0.09929	0.16243
		N	213	316	124
	CENSUS REGION				
	Northeast	Pearson Rho	0.17398	0.05705	0.12153
		S.E.	0.09550	0.07741	0.09343
		N	496	872	342
	South	Pearson Rho	0.18359	0.13165	0.13984
		S.E.	0.04549	0.05510	0.07385
		N	1995	2921	1192
	Midwest	Pearson Rho	0.09991	0.13426	0.07557
		S.E.	0.06048	0.04477	0.05845
		N	868	1644	622
	West	Pearson Rho	0.15690	0.12382	0.18132
		S.E.	0.04913	0.03881	0.05746
		N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
Fine Arts	ALL GRADUATES	Pearson Rho		0.15966	0.17373	0.11444
		S.E.		0.02212	0.01778	0.02309
		N		4744	7406	2956
		STUDENT GENDER				
	Male	Pearson Rho		0.12753	0.15538	0.10733
		S.E.		0.02563	0.01946	0.02709
		N		2235	3497	1377
	Female	Pearson Rho		0.14443	0.14066	0.12313
		S.E.		0.02843	0.02499	0.03124
		N		2509	3908	1579
		RACE/ETHNICITY				
	White	Pearson Rho		0.15819	0.18102	0.11292
		S.E.		0.02496	0.01937	0.03055
		N		2906	4490	1752
	Black	Pearson Rho		0.09937	0.12288	0.01181
		S.E.		0.04512	0.04490	0.04812
		N		819	1327	520
	Hispanic	Pearson Rho		0.11764	0.12802	0.16418
		S.E.		0.06340	0.06098	0.07730
		N		673	1039	455
	Asian/Pacific Islander	Pearson Rho		0.15827	0.19015	0.11710
		S.E.		0.06189	0.06621	0.08498
		N		306	464	201
	Native American	Pearson Rho		0.00954	0.28828	0.45141
		S.E.		0.20221	0.10312	0.15838
		N		39	80	25
	Other	Pearson Rho		.	-0.16782	0.46413
S.E.			.	0.73846	0.79733	
N			1	6	3	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Fine Arts	STUDENT PROGRAM				
	Academic	Pearson Rho	0.14067	0.13116	0.08805
		S.E.	0.02620	0.02319	0.02444
		N	3409	5284	2081
	Vocational	Pearson Rho	0.21100	0.09370	0.01723
		S.E.	0.10220	0.08475	0.12141
		N	133	246	88
	Both	Pearson Rho	0.06163	0.13105	0.06229
		S.E.	0.04724	0.04022	0.04369
		N	955	1529	661
	Neither	Pearson Rho	0.24463	0.25529	0.04947
		S.E.	0.08035	0.05903	0.10509
		N	247	347	126
	COMMUNITY TYPE				
	Urban	Pearson Rho	0.12593	0.11556	0.08924
S.E.		0.04101	0.04062	0.04735	
N		1525	2448	993	
Suburban	Pearson Rho	0.17868	0.16919	0.09358	
	S.E.	0.03247	0.02438	0.02843	
	N	1905	2902	1174	
Rural	Pearson Rho	0.17082	0.24762	0.16973	
	S.E.	0.04237	0.03858	0.04352	
	N	1314	2056	789	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Fine Arts	PUBLIC/NONPUBLIC SCHOOL				
	Public	Pearson Rho	0.17226	0.18562	0.12437
		S.E.	0.02283	0.01821	0.02159
		N	4531	7090	2832
	Nonpublic	Pearson Rho	0.04781	0.13621	-0.00267
		S.E.	0.10219	0.10643	0.11525
		N	213	316	124
	CENSUS REGION				
	Northeast	Pearson Rho	0.21521	0.18684	0.22267
		S.E.	0.05270	0.04246	0.03811
		N	496	872	342
	South	Pearson Rho	0.18526	0.18159	0.10828
		S.E.	0.03536	0.02595	0.03036
		N	1995	2921	1192
	Midwest	Pearson Rho	0.09390	0.17845	0.05716
		S.E.	0.06255	0.04428	0.06058
		N	868	1644	622
	West	Pearson Rho	0.15850	0.14855	0.11501
		S.E.	0.03631	0.03416	0.04493
		N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment					
		Reading	Writing	Civics		
Foreign Languages	ALL GRADUATES	Pearson Rho	0.33609	0.35979	0.33056	
		S.E.	0.02173	0.02286	0.02359	
		N	4744	7406	2956	
	STUDENT GENDER	Male	Pearson Rho	0.32407	0.37205	0.37215
			S.E.	0.02899	0.03660	0.03637
			N	2235	3497	1377
	Female	Pearson Rho	0.31518	0.30298	0.28588	
		S.E.	0.02958	0.02872	0.03944	
		N	2509	3908	1579	
	RACE/ETHNICITY	White	Pearson Rho	0.39270	0.43365	0.39595
			S.E.	0.02710	0.02099	0.02806
			N	2906	4490	1752
		Black	Pearson Rho	0.39199	0.38054	0.41979
			S.E.	0.05225	0.05337	0.04243
			N	819	1327	520
		Hispanic	Pearson Rho	0.09909	0.05706	0.08076
			S.E.	0.06958	0.05994	0.06284
			N	673	1039	455
		Asian/Pacific Islander	Pearson Rho	0.30022	0.20844	0.17629
			S.E.	0.08112	0.07489	0.09100
			N	306	464	201
		Native American	Pearson Rho	0.22225	0.47064	0.25331
			S.E.	0.17870	0.13047	0.24573
			N	39	80	25
Other		Pearson Rho	.	0.55676	0.04754	
		S.E.	.	0.25742	0.62431	
		N	1	6	3	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Foreign Languages	STUDENT PROGRAM				
	Academic	Pearson Rho	0.31513	0.31735	0.31257
		S.E.	0.02184	0.02555	0.03165
		N	3409	5284	2081
	Vocational	Pearson Rho	0.12617	0.16900	0.18889
		S.E.	0.11826	0.08358	0.14385
		N	133	246	88
	Both	Pearson Rho	0.34220	0.35465	0.30414
		S.E.	0.04489	0.04089	0.05438
		N	955	1529	661
	Neither	Pearson Rho	-0.09483	-0.11981	-0.10647
		S.E.	0.08256	0.06441	0.10428
		N	247	347	126
	COMMUNITY TYPE				
	Urban	Pearson Rho	0.28165	0.30273	0.28848
		S.E.	0.04595	0.04984	0.05166
		N	1525	2448	993
	Suburban	Pearson Rho	0.32534	0.33035	0.28117
		S.E.	0.03449	0.03398	0.04632
		N	1905	2902	1174
	Rural	Pearson Rho	0.38981	0.42825	0.43140
		S.E.	0.04771	0.03390	0.04905
		N	1314	2056	789

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Foreign Languages	PUBLIC/NONPUBLIC SCHOOL				
	Public	Pearson Rho	0.33776	0.34827	0.32410
		S.E.	0.02314	0.02385	0.02298
		N	4531	7090	2832
	Nonpublic	Pearson Rho	0.22687	0.28546	0.20798
		S.E.	0.07129	0.06730	0.11112
		N	213	316	124
	CENSUS REGION				
	Northeast	Pearson Rho	0.46683	0.34528	0.35374
		S.E.	0.05589	0.06657	0.07373
		N	496	872	342
	South	Pearson Rho	0.39494	0.40644	0.41158
		S.E.	0.02901	0.03905	0.03218
		N	1995	2921	1192
	Midwest	Pearson Rho	0.37211	0.49567	0.41867
		S.E.	0.03673	0.02574	0.04522
		N	868	1644	622
	West	Pearson Rho	0.17527	0.17949	0.14710
		S.E.	0.04370	0.04385	0.05272
		N	1385	1969	800



Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
Computer-Related Studies	ALL GRADUATES	Pearson Rho		-0.05917	-0.03755	0.01706
		S.E.		0.02404	0.01810	0.02334
		N		4744	7406	2956
	STUDENT GENDER					
Male	Male	Pearson Rho		0.00515	0.01228	0.06574
		S.E.		0.03408	0.02408	0.03042
		N		2235	3497	1377
Female	Female	Pearson Rho		-0.10316	-0.06879	-0.04174
		S.E.		0.02569	0.02230	0.03210
		N		2509	3908	1579
	RACE/ETHNICITY					
White	White	Pearson Rho		-0.07917	-0.05260	0.01353
		S.E.		0.02895	0.02016	0.02585
		N		2906	4490	1752
Black	Black	Pearson Rho		0.03785	0.03352	0.10431
		S.E.		0.04378	0.03466	0.05301
		N		819	1327	520
Hispanic	Hispanic	Pearson Rho		-0.01657	0.02873	0.02458
		S.E.		0.05776	0.04593	0.06828
		N		673	1039	455
Asian/Pacific Islander	Asian/Pacific Islander	Pearson Rho		0.03567	-0.03079	0.06088
		S.E.		0.09680	0.08095	0.08523
		N		306	464	201
Native American	Native American	Pearson Rho		-0.10829	0.20655	-0.03838
		S.E.		0.13442	0.11792	0.15643
		N		39	80	25
Other	Other	Pearson Rho		.	-0.38491	-0.27610
		S.E.		.	0.47511	0.83531
		N		1	6	3

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Computer-Related Studies	STUDENT PROGRAM				
	Academic	Pearson Rho	-0.07532	-0.05689	-0.00769
		S.E.	0.02646	0.02417	0.02772
		N	3409	5284	2081
	Vocational	Pearson Rho	-0.14062	0.19390	-0.05934
		S.E.	0.14178	0.07995	0.08675
		N	133	246	88
	Both	Pearson Rho	0.07336	0.09999	0.11916
		S.E.	0.04426	0.03707	0.03792
		N	955	1529	661
	Neither	Pearson Rho	-0.05385	-0.10010	0.07597
		S.E.	0.07810	0.07078	0.10468
		N	247	347	126
	COMMUNITY TYPE				
	Urban	Pearson Rho	-0.04422	-0.04260	0.04439
		S.E.	0.03062	0.03574	0.03510
		N	1525	2448	993
	Suburban	Pearson Rho	-0.08350	-0.04200	-0.01359
		S.E.	0.04521	0.03354	0.04224
		N	1905	2902	1174
	Rural	Pearson Rho	-0.03631	-0.00265	0.03481
		S.E.	0.03946	0.03370	0.03766
		N	1314	2056	789

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment			
	Reading	Writing	Civics	
Computer-Related Studies	PUBLIC/NONPUBLIC SCHOOL			
Public	Pearson Rho	-0.06523	-0.03650	0.01003
	S.E.	0.02702	0.01676	0.02325
	N	4531	7090	2832
Nonpublic	Pearson Rho	-0.00992	0.02665	0.24919
	S.E.	0.06532	0.11441	0.12050
	N	213	316	124
	CENSUS REGION			
Northeast	Pearson Rho	-0.15720	-0.07526	0.03793
	S.E.	0.04532	0.03979	0.06030
	N	496	872	342
South	Pearson Rho	0.01042	0.02746	0.08044
	S.E.	0.03218	0.02790	0.04502
	N	1995	2921	1192
Midwest	Pearson Rho	-0.12183	-0.08129	-0.05420
	S.E.	0.05920	0.02970	0.04388
	N	868	1644	622
West	Pearson Rho	-0.00760	-0.04649	-0.02935
	S.E.	0.04279	0.04238	0.06183
	N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
Consumer & Homemaking Education	ALL GRADUATES	Pearson Rho		-0.14981	-0.15870	-0.18865
		S.E.		0.02041	0.01730	0.02471
		N		4744	7406	2956
		STUDENT GENDER				
	Male	Pearson Rho		-0.18008	-0.18052	-0.18843
		S.E.		0.04001	0.02838	0.03761
		N		2235	3497	1377
	Female	Pearson Rho		-0.20644	-0.25405	-0.21341
		S.E.		0.02831	0.02086	0.03094
		N		2509	3908	1579
		RACE/ETHNICITY				
	White	Pearson Rho		-0.13970	-0.14239	-0.20088
		S.E.		0.02542	0.01979	0.02999
		N		2906	4490	1752
	Black	Pearson Rho		-0.13034	-0.19351	-0.18112
		S.E.		0.04868	0.04042	0.06756
		N		819	1327	520
	Hispanic	Pearson Rho		-0.12054	-0.08605	-0.09955
		S.E.		0.05776	0.03707	0.04822
		N		673	1039	455
	Asian/Pacific Islander	Pearson Rho		-0.15484	-0.28096	-0.13305
S.E.			0.07394	0.05152	0.05622	
N			306	464	201	
Native American	Pearson Rho		-0.28939	0.14762	-0.51825	
	S.E.		0.14118	0.08911	0.15299	
	N		39	80	25	
Other	Pearson Rho		.	-0.20750	-0.20438	
	S.E.		.	0.38813	0.59686	
	N		1	6	3	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Consumer & Homemaking Education	STUDENT PROGRAM				
	Academic	Pearson Rho	-0.17750	-0.18769	-0.22173
		S.E.	0.02522	0.01948	0.02438
		N	3409	5284	2081
	Vocational	Pearson Rho	-0.18353	0.04766	0.02610
		S.E.	0.20144	0.09925	0.22420
		N	133	246	88
	Both	Pearson Rho	-0.01679	-0.04156	-0.08257
		S.E.	0.03989	0.03635	0.04736
		N	955	1529	661
	Neither	Pearson Rho	0.06736	-0.13131	-0.23474
		S.E.	0.08375	0.08303	0.09905
		N	247	347	126
	COMMUNITY TYPE				
	Urban	Pearson Rho	-0.15800	-0.18752	-0.18186
		S.E.	0.03904	0.04146	0.04414
		N	1525	2448	993
	Suburban	Pearson Rho	-0.09893	-0.15267	-0.18438
		S.E.	0.02167	0.02278	0.03162
		N	1905	2902	1174
	Rural	Pearson Rho	-0.17810	-0.11630	-0.19148
		S.E.	0.04193	0.02709	0.04702
		N	1314	2056	789

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment			
	Reading	Writing	Civics	
Consumer & Homemaking Education	PUBLIC/NONPUBLIC SCHOOL			
Public	Pearson Rho	-0.13850	-0.13817	-0.17496
	S.E.	0.01993	0.01595	0.02427
	N	4531	7090	2832
Nonpublic	Pearson Rho	-0.00618	-0.13646	-0.22288
	S.E.	0.05122	0.09180	0.19564
	N	213	316	124
	CENSUS REGION			
Northeast	Pearson Rho	-0.08331	-0.07654	-0.25390
	S.E.	0.04407	0.04291	0.04574
	N	496	872	342
South	Pearson Rho	-0.16935	-0.19043	-0.21344
	S.E.	0.03354	0.03418	0.04569
	N	1995	2921	1192
Midwest	Pearson Rho	-0.22511	-0.18503	-0.19833
	S.E.	0.05595	0.03758	0.05602
	N	868	1644	622
West	Pearson Rho	-0.10455	-0.13485	-0.12490
	S.E.	0.01949	0.02453	0.02929
	N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment					
		Reading	Writing	Civics		
General Labor Market Preparation	ALL GRADUATES	Pearson Rho	-0.20803	-0.22356	-0.22037	
		S.E.	0.02188	0.02394	0.02622	
		N	4744	7406	2956	
	STUDENT GENDER	Male	Pearson Rho	-0.20110	-0.23215	-0.20572
			S.E.	0.03233	0.03388	0.03342
			N	2235	3497	1377
	Female	Pearson Rho	-0.22076	-0.22193	-0.24023	
		S.E.	0.02969	0.02891	0.03317	
		N	2509	3908	1579	
	RACE/ETHNICITY	White	Pearson Rho	-0.20735	-0.22589	-0.21199
			S.E.	0.02848	0.02624	0.03486
			N	2906	4490	1752
		Black	Pearson Rho	-0.12224	-0.17501	-0.22188
			S.E.	0.05324	0.04260	0.05867
			N	819	1327	520
		Hispanic	Pearson Rho	-0.23444	-0.19815	-0.21312
			S.E.	0.05310	0.05093	0.05346
			N	673	1039	455
		Asian/Pacific Islander	Pearson Rho	-0.30642	-0.29497	-0.31324
			S.E.	0.04126	0.05020	0.07341
			N	306	464	201
		Native American	Pearson Rho	-0.15197	-0.21904	-0.18001
			S.E.	0.19485	0.13092	0.11479
			N	39	80	25
		Other	Pearson Rho	.	-0.16555	0.47047
			S.E.	.	0.37405	0.93875
			N	1	6	3

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
General Labor Market Preparation	STUDENT PROGRAM				
	Academic	Pearson Rho	-0.18401	-0.19464	-0.21409
		S.E.	0.01967	0.02896	0.03632
		N	3409	5284	2081
	Vocational	Pearson Rho	-0.22422	-0.12615	-0.12007
		S.E.	0.17697	0.08385	0.11317
		N	133	246	88
	Both	Pearson Rho	-0.12994	-0.13013	-0.08120
		S.E.	0.06312	0.05247	0.04408
		N	955	1529	661
	Neither	Pearson Rho	-0.12727	-0.20178	-0.24112
		S.E.	0.07311	0.08982	0.08015
		N	247	347	126
	COMMUNITY TYPE				
	Urban	Pearson Rho	-0.18294	-0.26126	-0.32412
		S.E.	0.03932	0.03541	0.03996
		N	1525	2448	993
	Suburban	Pearson Rho	-0.17129	-0.19354	-0.18327
		S.E.	0.03347	0.03723	0.03905
		N	1905	2902	1174
	Rural	Pearson Rho	-0.25259	-0.20263	-0.17575
		S.E.	0.04005	0.03459	0.05275
		N	1314	2056	789



Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment			
	Reading	Writing	Civics	
General Labor Market Preparation	PUBLIC/NONPUBLIC SCHOOL			
Public	Pearson Rho	-0.19959	-0.20733	-0.20327
	S.E.	0.02207	0.02222	0.02653
	N	4531	7090	2832
Nonpublic	Pearson Rho	-0.09279	-0.23934	-0.28567
	S.E.	0.05398	0.07835	0.10256
	N	213	316	124
	CENSUS REGION			
Northeast	Pearson Rho	-0.25171	-0.21460	-0.28571
	S.E.	0.05390	0.04917	0.07649
	N	496	872	342
South	Pearson Rho	-0.17787	-0.22000	-0.23650
	S.E.	0.04155	0.03999	0.04653
	N	1995	2921	1192
Midwest	Pearson Rho	-0.24479	-0.23393	-0.16070
	S.E.	0.05574	0.04625	0.03682
	N	868	1644	622
West	Pearson Rho	-0.18406	-0.24409	-0.24617
	S.E.	0.02996	0.04632	0.04429
	N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
Specific Labor Market Preparation	ALL GRADUATES	Pearson Rho		-0.27304	-0.30933	-0.23866
		S.E.		0.01987	0.02418	0.02533
		N		4744	7406	2956
		STUDENT GENDER				
	Male	Pearson Rho		-0.23733	-0.31829	-0.28457
		S.E.		0.02972	0.03275	0.03219
		N		2235	3497	1377
	Female	Pearson Rho		-0.26923	-0.24626	-0.18141
		S.E.		0.02744	0.02491	0.03730
		N		2509	3908	1579
		RACE/ETHNICITY				
	White	Pearson Rho		-0.32380	-0.35952	-0.28617
		S.E.		0.02006	0.02212	0.03184
		N		2906	4490	1752
	Black	Pearson Rho		-0.13494	-0.12290	-0.02661
		S.E.		0.07273	0.07610	0.08998
		N		819	1327	520
	Hispanic	Pearson Rho		-0.13536	-0.20008	-0.20212
		S.E.		0.06395	0.05204	0.06441
		N		673	1039	455
	Asian/Pacific Islander	Pearson Rho		-0.22985	-0.23876	-0.26695
		S.E.		0.05384	0.07562	0.08690
		N		306	464	201
	Native American	Pearson Rho		-0.31455	-0.48447	-0.27707
		S.E.		0.17856	0.11906	0.21496
		N		39	80	25
	Other	Pearson Rho		.	-0.51514	-0.46413
S.E.			.	0.31358	0.79733	
N			1	6	3	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
Specific Labor Market Preparation	STUDENT PROGRAM					
	Academic	Pearson Rho	-0.23924	-0.24200	-0.17800	
		S.E.	0.02669	0.01858	0.02074	
		N	3409	5284	2081	
	Vocational	Pearson Rho	-0.04131	-0.11750	-0.12863	
		S.E.	0.09031	0.07797	0.12899	
		N	133	246	88	
	Both	Pearson Rho	-0.14640	-0.06673	-0.07445	
		S.E.	0.03900	0.04695	0.06559	
		N	955	1529	661	
	Neither	Pearson Rho	-0.19083	-0.23651	0.03694	
		S.E.	0.08893	0.09443	0.09171	
		N	247	347	126	
	COMMUNITY TYPE					
	Urban	Pearson Rho	-0.23722	-0.23825	-0.17029	
		S.E.	0.04633	0.05495	0.05276	
		N	1525	2448	993	
	Suburban	Pearson Rho	-0.24884	-0.30179	-0.25962	
		S.E.	0.03443	0.02538	0.03620	
		N	1905	2902	1174	
	Rural	Pearson Rho	-0.32208	-0.35246	-0.26692	
		S.E.	0.03722	0.03659	0.03463	
		N	1314	2056	789	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment			
	Reading	Writing	Civics	
Specific Labor Market Preparation	PUBLIC/NONPUBLIC SCHOOL			
Public	Pearson Rho	-0.26467	-0.29268	-0.23121
	S.E.	0.02095	0.02498	0.02456
	N	4531	7090	2832
Nonpublic	Pearson Rho	-0.18030	-0.12077	0.10066
	S.E.	0.04716	0.12244	0.12301
	N	213	316	124
	CENSUS REGION			
Northeast	Pearson Rho	-0.34518	-0.29741	-0.25465
	S.E.	0.04378	0.06011	0.05966
	N	496	872	342
South	Pearson Rho	-0.27409	-0.26982	-0.23163
	S.E.	0.03464	0.04694	0.05210
	N	1995	2921	1192
Midwest	Pearson Rho	-0.24430	-0.39840	-0.28532
	S.E.	0.05163	0.05011	0.04336
	N	868	1644	622
West	Pearson Rho	-0.25208	-0.27769	-0.21071
	S.E.	0.03280	0.02318	0.03695
	N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
			Reading	Writing	Civics
General Skills	ALL GRADUATES	Pearson Rho	-0.00377	-0.01057	-0.05188
		S.E.	0.02176	0.02646	0.02838
		N	4744	7406	2956
	STUDENT GENDER				
Male	Male	Pearson Rho	-0.05190	-0.07270	-0.05150
		S.E.	0.02859	0.03253	0.04233
		N	2235	3497	1377
Female	Female	Pearson Rho	0.01282	0.00545	-0.05698
		S.E.	0.02861	0.02655	0.03677
		N	2509	3908	1579
	RACE/ETHNICITY				
White	White	Pearson Rho	-0.01864	-0.02909	-0.06876
		S.E.	0.02877	0.03055	0.03269
		N	2906	4490	1752
Black	Black	Pearson Rho	0.07881	-0.04105	-0.09620
		S.E.	0.05265	0.04656	0.05214
		N	819	1327	520
Hispanic	Hispanic	Pearson Rho	0.02024	0.07680	-0.01228
		S.E.	0.03402	0.04113	0.04858
		N	673	1039	455
Asian/Pacific Islander	Asian/Pacific Islander	Pearson Rho	0.07602	0.11721	0.04918
		S.E.	0.04954	0.06558	0.12640
		N	306	464	201
Native American	Native American	Pearson Rho	0.35743	-0.00030	0.05288
		S.E.	0.17600	0.11729	0.21080
		N	39	80	25
Other	Other	Pearson Rho	.	0.39736	-0.20438
		S.E.	.	0.42565	0.59686
		N	1	6	3

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
General Skills	STUDENT PROGRAM				
	Academic	Pearson Rho	-0.01433	-0.00026	-0.03628
		S.E.	0.02435	0.02555	0.03027
		N	3409	5284	2081
	Vocational	Pearson Rho	-0.09451	-0.10230	-0.31582
		S.E.	0.07089	0.08058	0.09676
		N	133	246	88
	Both	Pearson Rho	0.09399	-0.01673	-0.04135
		S.E.	0.04029	0.04099	0.07251
		N	955	1529	661
	Neither	Pearson Rho	-0.04425	-0.05616	-0.03054
		S.E.	0.05728	0.06731	0.12730
N		247	347	126	
COMMUNITY TYPE					
Urban	Pearson Rho	0.03552	0.03677	0.00694	
	S.E.	0.04468	0.05522	0.05872	
	N	1525	2448	993	
Suburban	Pearson Rho	-0.00414	-0.05216	-0.08176	
	S.E.	0.02990	0.02434	0.04032	
	N	1905	2902	1174	
Rural	Pearson Rho	-0.03348	-0.00777	-0.06597	
	S.E.	0.03994	0.04251	0.05755	
	N	1314	2056	789	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
General Skills	PUBLIC/NONPUBLIC SCHOOL					
	Public	Pearson Rho	-0.01268	-0.00687	-0.06186	
		S.E.	0.02175	0.02687	0.03028	
		N	4531	7090	2832	
	Nonpublic	Pearson Rho	0.14522	0.04785	0.29089	
		S.E.	0.07538	0.06868	0.12450	
		N	213	316	124	
	CENSUS REGION					
	Northeast	Pearson Rho	0.07300	-0.03018	-0.09269	
		S.E.	0.05509	0.04714	0.05895	
		N	496	872	342	
	South	Pearson Rho	0.06274	0.01576	0.03122	
		S.E.	0.03409	0.03664	0.03969	
		N	1995	2921	1192	
	Midwest	Pearson Rho	-0.06766	-0.05751	-0.09348	
		S.E.	0.05451	0.05657	0.07308	
		N	868	1644	622	
	West	Pearson Rho	-0.05530	-0.01186	-0.09029	
		S.E.	0.02342	0.05675	0.05568	
		N	1385	1969	800	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Personal Health & Physical Education	ALL GRADUATES	Pearson Rho	-0.12614	-0.10063	-0.05059
		S.E.	0.02554	0.02438	0.03654
		N	4744	7406	2956
	STUDENT GENDER				
Male	Male	Pearson Rho	-0.10811	-0.02209	-0.08387
		S.E.	0.03240	0.03394	0.04567
		N	2235	3497	1377
Female	Female	Pearson Rho	-0.07485	-0.07564	-0.00871
		S.E.	0.03218	0.02825	0.04112
		N	2509	3908	1579
	RACE/ETHNICITY				
White	White	Pearson Rho	-0.11281	-0.09879	-0.03018
		S.E.	0.03226	0.02908	0.04270
		N	2906	4490	1752
Black	Black	Pearson Rho	-0.11513	-0.14366	-0.03133
		S.E.	0.04619	0.03828	0.05735
		N	819	1327	520
Hispanic	Hispanic	Pearson Rho	-0.10078	-0.05294	-0.04322
		S.E.	0.05384	0.03988	0.08820
		N	673	1039	455
Asian/Pacific Islander	Asian/Pacific Islander	Pearson Rho	-0.00734	0.00065	-0.10806
		S.E.	0.05930	0.06713	0.10490
		N	306	464	201
Native American	Native American	Pearson Rho	-0.02485	0.06696	-0.02411
		S.E.	0.20557	0.11710	0.28155
		N	39	80	25
Other	Other	Pearson Rho	.	-0.54049	-0.46413
		S.E.	.	0.46539	0.79733
		N	1	6	3



Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Personal Health & Physical Education	STUDENT PROGRAM				
	Academic	Pearson Rho	-0.14872	-0.11465	-0.05419
		S.E.	0.02659	0.02835	0.04132
		N	3409	5284	2081
	Vocational	Pearson Rho	-0.22665	-0.03625	-0.05260
		S.E.	0.09270	0.09956	0.14334
		N	133	246	88
	Both	Pearson Rho	-0.07270	-0.11218	-0.07902
		S.E.	0.04626	0.04032	0.05526
		N	955	1529	661
	Neither	Pearson Rho	-0.09359	-0.13620	-0.08157
		S.E.	0.06460	0.13884	0.12281
		N	247	347	126
	COMMUNITY TYPE				
	Urban	Pearson Rho	-0.11068	-0.05948	-0.02290
		S.E.	0.05673	0.06399	0.07608
		N	1525	2448	993
	Suburban	Pearson Rho	-0.17424	-0.12036	-0.06799
		S.E.	0.03942	0.03511	0.05154
		N	1905	2902	1174
	Rural	Pearson Rho	-0.07626	-0.10963	-0.05280
		S.E.	0.04270	0.02501	0.05057
		N	1314	2056	789

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment			
	Reading	Writing	Civics	
Personal Health & Physical Education	PUBLIC/NONPUBLIC SCHOOL			
Public	Pearson Rho	-0.12657	-0.11038	-0.06709
	S.E.	0.02315	0.02038	0.03271
	N	4531	7090	2832
Nonpublic	Pearson Rho	-0.12185	0.01790	0.23362
	S.E.	0.09351	0.16305	0.22185
	N	213	316	124
	CENSUS REGION			
Northeast	Pearson Rho	-0.04781	-0.04574	-0.03858
	S.E.	0.07557	0.04554	0.07303
	N	496	872	342
South	Pearson Rho	-0.12558	-0.13366	-0.03623
	S.E.	0.04544	0.05031	0.05818
	N	1995	2921	1192
Midwest	Pearson Rho	-0.12821	-0.09842	-0.04480
	S.E.	0.04917	0.04796	0.07502
	N	868	1644	622
West	Pearson Rho	-0.12821	-0.09877	-0.01803
	S.E.	0.03559	0.03688	0.05854
	N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment					
		Reading	Writing	Civics		
Religion	ALL GRADUATES	Pearson Rho	0.10998	0.17132	0.12980	
		S.E.	0.03462	0.04501	0.04052	
		N	4744	7406	2956	
	STUDENT GENDER	Male	Pearson Rho	0.15622	0.22542	0.16583
			S.E.	0.06692	0.08143	0.06683
			N	2235	3497	1377
	Female	Pearson Rho	0.07980	0.13811	0.09389	
		S.E.	0.02841	0.04784	0.04386	
		N	2509	3908	1579	
	RACE/ETHNICITY	White	Pearson Rho	0.09209	0.14883	0.11179
			S.E.	0.03771	0.04699	0.05790
			N	2906	4490	1752
		Black	Pearson Rho	0.16211	0.23746	0.14601
			S.E.	0.04691	0.04898	0.06864
			N	819	1327	520
		Hispanic	Pearson Rho	0.23239	0.21805	0.22442
			S.E.	0.08680	0.09819	0.05370
			N	673	1039	455
		Asian/Pacific Islander	Pearson Rho	-0.00330	0.16837	0.10810
			S.E.	0.07732	0.07180	0.04805
			N	306	464	201
		Native American	Pearson Rho	.	0.18292	0.01299
			S.E.	.	0.16250	0.33613
			N	39	80	25
Other		Pearson Rho	.	0.39736	-0.27610	
		S.E.	.	0.42565	0.83531	
		N	1	6	3	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
Religion	STUDENT PROGRAM					
	Academic	Pearson Rho		0.09676	0.14861	0.08975
		S.E.		0.03426	0.05361	0.04851
		N		3409	5284	2081
	Vocational	Pearson Rho		0.17991	0.17653	.
		S.E.		0.10632	0.08114	.
		N		133	246	88
	Both	Pearson Rho		0.10403	0.04563	0.22142
		S.E.		0.04348	0.05475	0.07782
		N		955	1529	661
	Neither	Pearson Rho		-0.04419	0.26612	0.18724
		S.E.		0.06245	0.18507	0.10709
		N		247	347	126
	COMMUNITY TYPE					
	Urban	Pearson Rho		0.16092	0.22602	0.18869
S.E.			0.05548	0.08875	0.08266	
N			1525	2448	993	
Suburban	Pearson Rho		0.05381	0.12456	0.07848	
	S.E.		0.03559	0.06775	0.06732	
	N		1905	2902	1174	
Rural	Pearson Rho		0.04823	0.12503	0.09775	
	S.E.		0.01846	0.03822	0.03014	
	N		1314	2056	789	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment				
		Reading	Writing	Civics	
Religion	PUBLIC/NONPUBLIC SCHOOL				
	Public	Pearson Rho	0.00486	0.00618	0.02857
		S.E.	0.01366	0.01126	0.02344
		N	4531	7090	2832
	Nonpublic	Pearson Rho	0.05142	0.06006	0.12987
		S.E.	0.11340	0.17028	0.25797
		N	213	316	124
	CENSUS REGION				
	Northeast	Pearson Rho	-0.00695	0.04679	0.01415
		S.E.	0.04314	0.07637	0.03745
		N	496	872	342
	South	Pearson Rho	0.13354	0.26564	0.27874
		S.E.	0.10562	0.08443	0.09657
		N	1995	2921	1192
	Midwest	Pearson Rho	0.07908	0.11466	0.03016
		S.E.	0.06675	0.03658	0.05361
		N	868	1644	622
	West	Pearson Rho	0.14345	0.19435	0.15281
		S.E.	0.04113	0.05724	0.03577
		N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment			
				Reading	Writing	Civics	
Military Science	ALL GRADUATES	Pearson Rho		-0.02942	-0.06031	-0.02296	
		S.E.		0.01473	0.01178	0.01528	
		N		4744	7406	2956	
	STUDENT GENDER	Male	Pearson Rho		-0.01280	-0.04182	0.00842
			S.E.		0.01901	0.01488	0.01925
			N		2235	3497	1377
	Female	Pearson Rho		-0.04330	-0.07226	-0.07429	
		S.E.		0.02841	0.01640	0.02634	
		N		2509	3908	1579	
	RACE/ETHNICITY	White	Pearson Rho		-0.02192	-0.04178	0.00522
			S.E.		0.02108	0.01351	0.01756
			N		2906	4490	1752
	Black	Pearson Rho		0.00365	-0.02208	-0.05679	
		S.E.		0.03514	0.02587	0.04115	
		N		819	1327	520	
	Hispanic	Pearson Rho		0.01751	-0.04058	0.04986	
		S.E.		0.02905	0.04979	0.05010	
		N		673	1039	455	
	Asian/Pacific Islander	Pearson Rho		0.05629	-0.04078	0.02266	
		S.E.		0.03672	0.03190	0.06817	
		N		306	464	201	
Native American	Pearson Rho		0.00803	-0.11957	-0.01066		
	S.E.		0.06789	0.10689	0.15767		
	N		39	80	25		
Other	Pearson Rho		.	.	-0.20438		
	S.E.		.	.	0.59686		
	N		1	6	3		

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
Military Science	STUDENT PROGRAM					
	Academic	Pearson Rho	-0.03564	-0.07977	-0.03237	
		S.E.	0.01841	0.01424	0.01887	
		N	3409	5284	2081	
	Vocational	Pearson Rho	0.00366	0.00906	0.03775	
		S.E.	0.06752	0.05081	0.06051	
		N	133	246	88	
	Both	Pearson Rho	-0.02463	-0.02352	-0.01187	
		S.E.	0.03302	0.02316	0.02348	
		N	955	1529	661	
	Neither	Pearson Rho	0.06786	0.00432	-0.06872	
		S.E.	0.06184	0.03710	0.07366	
		N	247	347	126	
	COMMUNITY TYPE					
	Urban	Pearson Rho	-0.04733	-0.08016	-0.05427	
		S.E.	0.02547	0.02544	0.03022	
		N	1525	2448	993	
	Suburban	Pearson Rho	-0.00534	-0.05162	-0.00597	
		S.E.	0.02942	0.01624	0.02180	
		N	1905	2902	1174	
	Rural	Pearson Rho	-0.07438	-0.06309	-0.02765	
		S.E.	0.02461	0.01419	0.02262	
		N	1314	2056	789	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment			
	Reading	Writing	Civics	
Military Science	PUBLIC/NONPUBLIC SCHOOL			
Public	Pearson Rho	-0.02506	-0.05504	-0.01732
	S.E.	0.01535	0.01187	0.01527
	N	4531	7090	2832
Nonpublic	Pearson Rho	.	-0.02439	.
	S.E.	.	0.02438	.
	N	213	316	124
	CENSUS REGION			
Northeast	Pearson Rho	-0.05196	.	.
	S.E.	0.01164	.	.
	N	496	872	342
South	Pearson Rho	-0.04317	-0.08747	-0.03419
	S.E.	0.02209	0.01935	0.02803
	N	1995	2921	1192
Midwest	Pearson Rho	-0.05232	-0.04722	-0.05310
	S.E.	0.02962	0.02598	0.04634
	N	868	1644	622
West	Pearson Rho	0.01251	-0.02651	0.02364
	S.E.	0.02641	0.02747	0.02439
	N	1385	1969	800



Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
Special Education	ALL GRADUATES	Pearson Rho		-0.21067	-0.20383	-0.17471
		S.E.		0.04443	0.01705	0.02822
		N		4744	7406	2956
	STUDENT GENDER					
Male	Male	Pearson Rho		-0.18082	-0.22048	-0.18807
		S.E.		0.01793	0.02217	0.03974
		N		2235	3497	1377
Female	Female	Pearson Rho		-0.24707	-0.16579	-0.15832
		S.E.		0.08019	0.01921	0.02836
		N		2509	3908	1579
	RACE/ETHNICITY					
White	White	Pearson Rho		-0.24025	-0.21440	-0.17107
		S.E.		0.06278	0.02247	0.03152
		N		2906	4490	1752
Black	Black	Pearson Rho		-0.12549	-0.20561	-0.20109
		S.E.		0.03141	0.03588	0.07021
		N		819	1327	520
Hispanic	Hispanic	Pearson Rho		-0.15461	-0.19579	-0.19061
		S.E.		0.06261	0.03344	0.04979
		N		673	1039	455
Asian/Pacific Islander	Asian/Pacific Islander	Pearson Rho		-0.30880	-0.10454	-0.17695
		S.E.		0.06974	0.01845	0.06980
		N		306	464	201
Native American	Native American	Pearson Rho		-0.16143	-0.18233	-0.21209
		S.E.		0.04866	0.11384	0.16173
		N		39	80	25
Other	Other	Pearson Rho		.	.	.
		S.E.		.	.	.
		N		1	6	3

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
Special Education	STUDENT PROGRAM					
	Academic	Pearson Rho	-0.16779	-0.17330	-0.16002	
		S.E.	0.02768	0.01798	0.03261	
		N	3409	5284	2081	
	Vocational	Pearson Rho	-0.28675	-0.32767	-0.29764	
		S.E.	0.05952	0.05458	0.10532	
		N	133	246	88	
	Both	Pearson Rho	-0.32020	-0.20568	-0.17169	
		S.E.	0.10799	0.03791	0.04526	
		N	955	1529	661	
	Neither	Pearson Rho	-0.09032	-0.19757	-0.10937	
		S.E.	0.10630	0.05599	0.14614	
		N	247	347	126	
	COMMUNITY TYPE					
	Urban	Pearson Rho	-0.10331	-0.17731	-0.21033	
		S.E.	0.03545	0.02365	0.05348	
		N	1525	2448	993	
	Suburban	Pearson Rho	-0.20775	-0.21573	-0.16365	
		S.E.	0.02363	0.01893	0.03380	
		N	1905	2902	1174	
	Rural	Pearson Rho	-0.27124	-0.21183	-0.16296	
		S.E.	0.08984	0.03833	0.04693	
		N	1314	2056	789	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment			
	Reading	Writing	Civics	
Special Education	PUBLIC/NONPUBLIC SCHOOL			
Public	Pearson Rho	-0.21410	-0.20761	-0.17718
	S.E.	0.04570	0.01783	0.02953
	N	4531	7090	2832
Nonpublic	Pearson Rho	.	.	.
	S.E.	.	.	.
	N	213	316	124
	CENSUS REGION			
Northeast	Pearson Rho	-0.31083	-0.15563	-0.15460
	S.E.	0.12184	0.06459	0.06680
	N	496	872	342
South	Pearson Rho	-0.13041	-0.18963	-0.16344
	S.E.	0.02536	0.02293	0.03088
	N	1995	2921	1192
Midwest	Pearson Rho	-0.18255	-0.24672	-0.20772
	S.E.	0.05244	0.03532	0.03388
	N	868	1644	622
West	Pearson Rho	-0.24082	-0.20628	-0.22013
	S.E.	0.03384	0.02268	0.04994
	N	1385	1969	800

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
All Courses Other Than Above	ALL GRADUATES	Pearson Rho		-0.05643	-0.00785	0.00340
		S.E.		0.01656	0.01224	0.01596
		N		4744	7406	2956
	STUDENT GENDER					
Male	Male	Pearson Rho		-0.08006	-0.01732	-0.05078
		S.E.		0.02694	0.01362	0.03350
		N		2235	3497	1377
Female	Female	Pearson Rho		-0.04868	0.00689	0.03901
		S.E.		0.02108	0.01555	0.01570
		N		2509	3908	1579
	RACE/ETHNICITY					
White	White	Pearson Rho		-0.04846	-0.01620	0.02032
		S.E.		0.01825	0.01619	0.01614
		N		2906	4490	1752
Black	Black	Pearson Rho		-0.03500	0.04771	0.02912
		S.E.		0.03372	0.03082	0.03053
		N		819	1327	520
Hispanic	Hispanic	Pearson Rho		-0.12262	-0.01564	-0.04779
		S.E.		0.05047	0.02716	0.06756
		N		673	1039	455
Asian/Pacific Islander	Asian/Pacific Islander	Pearson Rho		-0.05249	0.01365	0.01788
		S.E.		0.03140	0.03193	0.06195
		N		306	464	201
Native American	Native American	Pearson Rho		.	-0.07075	.
		S.E.		.	0.16524	.
		N		39	80	25
Other	Other	Pearson Rho		.	.	.
		S.E.		.	.	.
		N		1	6	3

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				NAEP Assessment		
				Reading	Writing	Civics
All Courses Other Than Above	STUDENT PROGRAM					
	Academic	Pearson Rho	-0.04496	-0.01121	0.01248	
		S.E.	0.02361	0.01531	0.02766	
		N	3409	5284	2081	
	Vocational	Pearson Rho	0.10925	0.11627	0.02878	
		S.E.	0.03383	0.06528	0.04738	
		N	133	246	88	
	Both	Pearson Rho	-0.01851	-0.01836	-0.00537	
		S.E.	0.03346	0.02076	0.07118	
		N	955	1529	661	
	Neither	Pearson Rho	-0.15983	0.03991	0.10022	
		S.E.	0.06715	0.04880	0.06321	
		N	247	347	126	
	COMMUNITY TYPE					
	Urban	Pearson Rho	-0.04866	-0.01056	0.01220	
		S.E.	0.06921	0.02337	0.02282	
		N	1525	2448	993	
	Suburban	Pearson Rho	-0.07544	-0.00402	0.00621	
		S.E.	0.02559	0.02060	0.02398	
		N	1905	2902	1174	
	Rural	Pearson Rho	-0.04110	-0.01485	-0.02698	
		S.E.	0.01729	0.01913	0.03356	
		N	1314	2056	789	

Table 24.—Correlation of NAEP proficiency estimates of 1998 graduates with number of credits (Carnegie Units) earned in each subject field by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	NAEP Assessment			
	Reading	Writing	Civics	
All Courses Other Than Above	PUBLIC/NONPUBLIC SCHOOL			
Public	Pearson Rho	-0.05659	-0.00383	0.00710
	S.E.	0.01712	0.01396	0.01662
	N	4531	7090	2832
Nonpublic	Pearson Rho	.	-0.01764	.
	S.E.	.	0.02228	.
	N	213	316	124
	CENSUS REGION			
Northeast	Pearson Rho	-0.01691	0.04132	0.14210
	S.E.	0.02582	0.05031	0.04371
	N	496	872	342
South	Pearson Rho	-0.05766	-0.01914	-0.02650
	S.E.	0.02414	0.01992	0.03945
	N	1995	2921	1192
Midwest	Pearson Rho	0.05307	-0.01175	-0.00395
	S.E.	0.02668	0.02516	0.04747
	N	868	1644	622
West	Pearson Rho	-0.09942	-0.03709	-0.00130
	S.E.	0.03466	0.02616	0.02794
	N	1385	1969	800

Table 25.—Correlation of NAEP proficiency estimates of 1998 graduates with grade point average by student program, school type (public/nonpublic), and demographic categories

		NAEP Assessment			
		Reading	Writing	Civics	
Overall GPA	ALL GRADUATES	Pearson Rho	0.55226	0.55910	0.54043
		S.E.	0.01792	0.01056	0.01970
		N	4744	7406	2956
STUDENT GENDER					
Male	Male	Pearson Rho	0.51352	0.53432	0.55324
		S.E.	0.02272	0.01591	0.02672
		N	2235	3497	1377
Female	Female	Pearson Rho	0.56661	0.54354	0.54169
		S.E.	0.01896	0.01625	0.02835
		N	2509	3908	1579
RACE/ETHNICITY					
White	White	Pearson Rho	0.54563	0.55632	0.54917
		S.E.	0.01881	0.01066	0.02241
		N	2906	4490	1752
Black	Black	Pearson Rho	0.49795	0.47032	0.39408
		S.E.	0.04212	0.03638	0.04940
		N	819	1327	520
Hispanic	Hispanic	Pearson Rho	0.42288	0.48039	0.42629
		S.E.	0.05310	0.02990	0.04808
		N	673	1039	455
Asian/Pacific Islander	Asian/Pacific Islander	Pearson Rho	0.62996	0.54933	0.47268
		S.E.	0.03767	0.03980	0.09173
		N	306	464	201
Native American	Native American	Pearson Rho	0.46330	0.36748	0.54837
		S.E.	0.14984	0.14312	0.16201
		N	39	80	25
Other	Other	Pearson Rho	.	0.75367	0.48801
		S.E.	.	0.16178	0.89802
		N	1	6	3

Table 25.—Correlation of NAEP proficiency estimates of 1998 graduates with grade point average by student program, school type  
(public/nonpublic), and demographic categories  
(Continued)

		NAEP Assessment			
		Reading	Writing	Civics	
Overall GPA	STUDENT PROGRAM				
	Academic	Pearson Rho	0.56044	0.54826	0.51448
		S.E.	0.01771	0.01266	0.02136
		N	3409	5284	2081
	Vocational	Pearson Rho	0.11054	0.21606	0.27071
		S.E.	0.14843	0.08891	0.10274
		N	133	246	88
	Both	Pearson Rho	0.45504	0.50035	0.55210
		S.E.	0.03700	0.02879	0.04263
		N	955	1529	661
	Neither	Pearson Rho	0.30425	0.34720	0.24964
		S.E.	0.07360	0.08968	0.13445
		N	247	347	126
	COMMUNITY TYPE				
	Urban	Pearson Rho	0.56556	0.56709	0.53347
		S.E.	0.02613	0.02298	0.03699
		N	1525	2448	993
	Suburban	Pearson Rho	0.56893	0.56580	0.53245
		S.E.	0.02307	0.01648	0.03056
		N	1905	2902	1174
	Rural	Pearson Rho	0.53508	0.57175	0.56633
		S.E.	0.04273	0.02081	0.03331
		N	1314	2056	789



Table 25.—Correlation of NAEP proficiency estimates of 1998 graduates with grade point average by student program, school type  
(public/nonpublic), and demographic categories  
(Continued)

		NAEP Assessment			
		Reading	Writing	Civics	
Overall GPA	PUBLIC/NONPUBLIC SCHOOL				
	Public	Pearson Rho	0.55806	0.55838	0.54424
		S.E.	0.01820	0.01109	0.02081
		N	4531	7090	2832
	Nonpublic	Pearson Rho	0.45872	0.56226	0.47908
		S.E.	0.07390	0.06057	0.10321
		N	213	316	124
	CENSUS REGION				
	Northeast	Pearson Rho	0.58645	0.55675	0.47273
		S.E.	0.02857	0.02938	0.06195
		N	496	872	342
	South	Pearson Rho	0.53506	0.55140	0.51878
		S.E.	0.03170	0.01859	0.02499
		N	1995	2921	1192
	Midwest	Pearson Rho	0.56826	0.59704	0.63944
		S.E.	0.03970	0.02131	0.02889
		N	868	1644	622
	West	Pearson Rho	0.53569	0.54689	0.50770
		S.E.	0.02670	0.01810	0.03672
		N	1385	1969	800

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories

Days Absent by Year		NAEP Assessment			
		Reading	Writing	Civics	
Number of Days Absent in Grade 9	ALL GRADUATES	Pearson Rho	-0.07800	-0.07107	-0.04928
		S.E.	0.02906	0.01698	0.02551
		N	2312	3555	1415
STUDENT GENDER					
Male		Pearson Rho	-0.05524	-0.07262	-0.02074
		S.E.	0.04079	0.02235	0.04242
		N	1098	1679	653
Female		Pearson Rho	-0.11201	-0.08830	-0.08017
		S.E.	0.04010	0.02134	0.03376
		N	1214	1876	762
RACE/ETHNICITY					
White		Pearson Rho	-0.08944	-0.07981	-0.05486
		S.E.	0.03820	0.01679	0.02752
		N	1435	2203	860
Black		Pearson Rho	-0.15134	-0.09486	-0.11005
		S.E.	0.05526	0.03568	0.07105
		N	500	791	317
Hispanic		Pearson Rho	-0.00241	-0.04437	-0.00921
		S.E.	0.04391	0.03796	0.04498
		N	249	416	171
Asian/Pacific Islander		Pearson Rho	-0.06185	-0.03396	0.00671
		S.E.	0.05827	0.05006	0.04836
		N	108	114	57
Native American		Pearson Rho	-0.13701	0.16832	0.02206
		S.E.	0.15810	0.09887	0.21707
		N	20	28	10
Other		Pearson Rho	.	0.42548	.
		S.E.	.	0.52243	.
		N	0	3	0

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall  
by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment		
		Reading	Writing	Civics
Number of Days Absent in Grade 9				
STUDENT PROGRAM				
Academic	Pearson Rho	-0.06548	-0.07269	-0.02859
	S.E.	0.03193	0.02017	0.03513
	N	1632	2477	963
Vocational	Pearson Rho	-0.13952	-0.02143	0.03275
	S.E.	0.11773	0.08249	0.13561
	N	41	79	32
Both	Pearson Rho	-0.13873	-0.07291	-0.07360
	S.E.	0.05561	0.03196	0.03757
	N	579	898	380
Neither	Pearson Rho	-0.03900	0.02528	-0.02607
	S.E.	0.08079	0.06689	0.06912
	N	60	101	40
COMMUNITY TYPE				
Urban	Pearson Rho	-0.07067	-0.09290	-0.08342
	S.E.	0.05249	0.04551	0.05730
	N	811	1266	519
Suburban	Pearson Rho	-0.06793	-0.07292	0.00220
	S.E.	0.04037	0.02573	0.04211
	N	824	1276	510
Rural	Pearson Rho	-0.10461	-0.05233	-0.09172
	S.E.	0.05190	0.02517	0.02859
	N	677	1013	386

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment		
		Reading	Writing	Civics
Number of Days Absent in Grade 9		PUBLIC/NONPUBLIC SCHOOL		
Public	Pearson Rho	-0.08870	-0.08398	-0.06389
	S.E.	0.02933	0.01686	0.02248
	N	2186	3362	1336
Nonpublic	Pearson Rho	0.09923	0.01360	0.06375
	S.E.	0.08517	0.11674	0.15532
	N	126	193	79
CENSUS REGION				
Northeast	Pearson Rho	-0.22246	-0.10865	-0.10514
	S.E.	0.05597	0.04091	0.06805
	N	250	466	193
South	Pearson Rho	-0.09439	-0.09285	-0.00784
	S.E.	0.04257	0.02689	0.04443
	N	1350	1987	783
Midwest	Pearson Rho	-0.02747	-0.05784	-0.07434
	S.E.	0.06193	0.03190	0.04311
	N	441	783	306
West	Pearson Rho	0.00219	-0.00081	-0.04283
	S.E.	0.03644	0.05222	0.04410
	N	271	319	133

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment			
		Reading	Writing	Civics	
Number of Days Absent in Grade 10	ALL GRADUATES	Pearson Rho	-0.08949	-0.09783	-0.10488
		S.E.	0.02269	0.01725	0.02719
		N	2278	3567	1420
STUDENT GENDER					
Male		Pearson Rho	-0.08543	-0.10356	-0.07247
		S.E.	0.03670	0.02502	0.03837
		N	1081	1695	663
Female		Pearson Rho	-0.10966	-0.11778	-0.13944
		S.E.	0.02845	0.02184	0.03871
		N	1197	1872	757
RACE/ETHNICITY					
White		Pearson Rho	-0.09993	-0.09765	-0.11637
		S.E.	0.02663	0.01847	0.03025
		N	1441	2213	866
Black		Pearson Rho	-0.12731	-0.13051	-0.15436
		S.E.	0.05252	0.04197	0.07808
		N	486	807	318
Hispanic		Pearson Rho	-0.02504	-0.06598	-0.03163
		S.E.	0.05781	0.03147	0.04492
		N	229	411	174
Asian/Pacific Islander		Pearson Rho	-0.10752	-0.05065	-0.01675
		S.E.	0.05395	0.06786	0.04771
		N	103	104	52
Native American		Pearson Rho	-0.16113	0.04262	0.28981
		S.E.	0.16857	0.12186	0.15674
		N	19	29	10
Other		Pearson Rho	.	0.41742	.
		S.E.	.	0.50379	.
		N	0	3	0

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment		
		Reading	Writing	Civics
Number of Days Absent in Grade 10				
STUDENT PROGRAM				
Academic	Pearson Rho	-0.09714	-0.10187	-0.09018
	S.E.	0.02688	0.01787	0.03292
	N	1652	2523	987
Vocational	Pearson Rho	-0.22935	0.01124	-0.11505
	S.E.	0.09672	0.08678	0.12592
	N	40	79	31
Both	Pearson Rho	-0.07765	-0.09226	-0.10736
	S.E.	0.04543	0.05428	0.04795
	N	527	858	362
Neither	Pearson Rho	-0.03932	0.01936	-0.06359
	S.E.	0.07454	0.07249	0.07264
	N	59	107	40
COMMUNITY TYPE				
Urban	Pearson Rho	-0.10842	-0.11982	-0.13951
	S.E.	0.04400	0.04286	0.05929
	N	775	1237	508
Suburban	Pearson Rho	-0.11029	-0.11014	-0.04880
	S.E.	0.03089	0.02141	0.04310
	N	784	1262	503
Rural	Pearson Rho	-0.04945	-0.06654	-0.14073
	S.E.	0.04180	0.03412	0.05091
	N	719	1068	409

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment		
		Reading	Writing	Civics
Number of Days Absent in Grade 10		PUBLIC/NONPUBLIC SCHOOL		
Public	Pearson Rho	-0.10053	-0.11360	-0.11641
	S.E.	0.02175	0.01657	0.02636
	N	2134	3369	1340
Nonpublic	Pearson Rho	0.08657	0.03008	-0.01291
	S.E.	0.11025	0.09668	0.16001
	N	144	198	80
CENSUS REGION				
Northeast	Pearson Rho	-0.20426	-0.12469	-0.14083
	S.E.	0.05495	0.04562	0.08819
	N	251	479	195
South	Pearson Rho	-0.08438	-0.12320	-0.10350
	S.E.	0.03865	0.03010	0.03989
	N	1358	1999	793
Midwest	Pearson Rho	-0.09565	-0.06819	-0.13006
	S.E.	0.04080	0.03106	0.04620
	N	439	811	318
West	Pearson Rho	-0.00102	-0.05737	-0.04654
	S.E.	0.04504	0.05888	0.03737
	N	230	278	114

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment			
		Reading	Writing	Civics	
Number of Days Absent in Grade 11	ALL GRADUATES	Pearson Rho	-0.09257	-0.10567	-0.09792
		S.E.	0.02910	0.02262	0.02929
		N	2373	3678	1476
STUDENT GENDER					
Male		Pearson Rho	-0.08800	-0.12261	-0.06239
		S.E.	0.04481	0.04508	0.05403
		N	1129	1754	686
Female		Pearson Rho	-0.11523	-0.12449	-0.13599
		S.E.	0.03438	0.02545	0.03038
		N	1244	1924	790
RACE/ETHNICITY					
White		Pearson Rho	-0.10152	-0.11615	-0.10604
		S.E.	0.03376	0.02542	0.03688
		N	1469	2279	892
Black		Pearson Rho	-0.16467	-0.13004	-0.13831
		S.E.	0.05056	0.04004	0.06061
		N	518	825	334
Hispanic		Pearson Rho	-0.03497	-0.06247	-0.05033
		S.E.	0.05776	0.04013	0.04721
		N	248	411	180
Asian/Pacific Islander		Pearson Rho	-0.00448	-0.06802	-0.00537
		S.E.	0.06698	0.07542	0.06083
		N	120	130	61
Native American		Pearson Rho	-0.33512	0.02821	0.14800
		S.E.	0.23214	0.14268	0.20999
		N	18	30	9
Other		Pearson Rho	.	0.27211	.
		S.E.	.	0.63609	.
		N	0	3	0



Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment		
		Reading	Writing	Civics
Number of Days Absent in Grade 11				
STUDENT PROGRAM				
Academic	Pearson Rho	-0.09496	-0.11130	-0.07543
	S.E.	0.03403	0.02281	0.03838
	N	1681	2544	997
Vocational	Pearson Rho	-0.11371	-0.00761	-0.09805
	S.E.	0.09844	0.10024	0.12760
	N	39	88	33
Both	Pearson Rho	-0.12755	-0.10133	-0.12236
	S.E.	0.04572	0.04210	0.04434
	N	591	943	405
Neither	Pearson Rho	-0.02448	0.02777	-0.06647
	S.E.	0.07987	0.07109	0.10942
	N	62	103	41
COMMUNITY TYPE				
Urban	Pearson Rho	-0.12818	-0.11731	-0.10452
	S.E.	0.05335	0.05681	0.06357
	N	843	1296	537
Suburban	Pearson Rho	-0.08867	-0.12182	-0.07501
	S.E.	0.03960	0.02846	0.06220
	N	782	1257	510
Rural	Pearson Rho	-0.08144	-0.08177	-0.12996
	S.E.	0.05184	0.03208	0.04663
	N	748	1125	429

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment		
		Reading	Writing	Civics
Number of Days Absent in Grade 11		PUBLIC/NONPUBLIC SCHOOL		
Public	Pearson Rho	-0.10543	-0.12822	-0.12090
	S.E.	0.02832	0.01937	0.02647
	N	2227	3479	1393
Nonpublic	Pearson Rho	0.08468	0.04203	0.09718
	S.E.	0.10789	0.11807	0.16264
	N	146	199	83
CENSUS REGION				
Northeast	Pearson Rho	-0.20543	-0.13293	-0.11430
	S.E.	0.08733	0.05280	0.07173
	N	261	489	201
South	Pearson Rho	-0.07659	-0.10696	-0.09781
	S.E.	0.05099	0.04538	0.06327
	N	1433	2055	827
Midwest	Pearson Rho	-0.09099	-0.10540	-0.14002
	S.E.	0.03481	0.03921	0.04953
	N	436	847	329
West	Pearson Rho	-0.00443	-0.05216	-0.02856
	S.E.	0.05046	0.05936	0.03626
	N	243	287	119

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment			
		Reading	Writing	Civics	
Number of Days Absent in Grade 12	ALL GRADUATES	Pearson Rho	-0.10242	-0.10692	-0.09138
		S.E.	0.02759	0.02159	0.02234
		N	2295	3632	1450
STUDENT GENDER					
Male		Pearson Rho	-0.09672	-0.14342	-0.09352
		S.E.	0.03652	0.02977	0.03535
		N	1088	1737	679
Female		Pearson Rho	-0.12858	-0.10278	-0.09216
		S.E.	0.03227	0.02552	0.02742
		N	1207	1895	771
RACE/ETHNICITY					
White		Pearson Rho	-0.11457	-0.11545	-0.11996
		S.E.	0.03158	0.02408	0.02727
		N	1460	2302	910
Black		Pearson Rho	-0.16755	-0.14695	-0.12248
		S.E.	0.05396	0.03668	0.07205
		N	510	819	326
Hispanic		Pearson Rho	-0.04153	-0.04568	-0.01876
		S.E.	0.06567	0.05280	0.04012
		N	237	395	169
Asian/Pacific Islander		Pearson Rho	0.03967	-0.00447	-0.06770
		S.E.	0.07374	0.08073	0.07063
		N	68	83	36
Native American		Pearson Rho	-0.21678	-0.01083	0.26469
		S.E.	0.14170	0.12235	0.15597
		N	20	30	9
Other		Pearson Rho	.	0.22969	.
		S.E.	.	0.80897	.
		N	0	3	0

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment		
		Reading	Writing	Civics
Number of Days Absent in Grade 12		STUDENT PROGRAM		
Academic	Pearson Rho	-0.10108	-0.10983	-0.07008
	S.E.	0.03041	0.02367	0.02762
	N	1663	2539	989
Vocational	Pearson Rho	-0.12871	-0.00005	-0.12736
	S.E.	0.10941	0.08855	0.13464
	N	40	86	36
Both	Pearson Rho	-0.13428	-0.11170	-0.10052
	S.E.	0.05049	0.04723	0.04145
	N	530	906	384
Neither	Pearson Rho	-0.02641	0.03413	0.00293
	S.E.	0.08045	0.05530	0.08308
	N	62	101	41
		COMMUNITY TYPE		
Urban	Pearson Rho	-0.11777	-0.13295	-0.10165
	S.E.	0.04894	0.04893	0.04770
	N	786	1261	512
Suburban	Pearson Rho	-0.11336	-0.10124	-0.03648
	S.E.	0.03866	0.03803	0.04683
	N	754	1212	488
Rural	Pearson Rho	-0.09403	-0.09061	-0.14689
	S.E.	0.04153	0.03093	0.04380
	N	755	1159	450

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall  
by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year		NAEP Assessment		
		Reading	Writing	Civics
Number of Days Absent in Grade 12		PUBLIC/NONPUBLIC SCHOOL		
Public	Pearson Rho	-0.11648	-0.12495	-0.10366
	S.E.	0.02686	0.01927	0.02184
	N	2147	3429	1368
Nonpublic	Pearson Rho	0.10362	0.06851	0.04114
	S.E.	0.11523	0.11696	0.13993
	N	148	203	82
CENSUS REGION				
Northeast	Pearson Rho	-0.21599	-0.13930	-0.10358
	S.E.	0.07974	0.04193	0.06078
	N	266	505	210
South	Pearson Rho	-0.11694	-0.12301	-0.10333
	S.E.	0.04743	0.03929	0.03964
	N	1390	2037	816
Midwest	Pearson Rho	-0.08939	-0.11775	-0.13424
	S.E.	0.04013	0.04537	0.04408
	N	453	891	346
West	Pearson Rho	0.00366	0.03540	-0.02014
	S.E.	0.05939	0.08229	0.05944
	N	186	199	78

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year				NAEP Assessment		
				Reading	Writing	Civics
Total Number of Days Absent in Grade 9 - 12	ALL GRADUATES	Pearson Rho		-0.09623	-0.09680	-0.09872
		S.E.		0.02844	0.02126	0.02767
		N		1988	3069	1214
STUDENT GENDER						
Male		Pearson Rho		-0.07913	-0.10484	-0.07119
		S.E.		0.04395	0.03623	0.04888
		N		947	1459	557
Female		Pearson Rho		-0.12963	-0.11567	-0.12893
		S.E.		0.03484	0.02295	0.03239
		N		1041	1610	657
RACE/ETHNICITY						
White		Pearson Rho		-0.11364	-0.10856	-0.12273
		S.E.		0.03464	0.02324	0.03392
		N		1281	1959	760
Black		Pearson Rho		-0.15804	-0.14182	-0.14814
		S.E.		0.05569	0.04389	0.08004
		N		435	688	273
Hispanic		Pearson Rho		-0.03964	-0.02820	0.00165
		S.E.		0.06558	0.04621	0.04368
		N		194	329	140
Asian/Pacific Islander		Pearson Rho		0.04664	0.00687	0.00455
		S.E.		0.04726	0.08964	0.05594
		N		60	66	32
Native American		Pearson Rho		-0.26824	0.17851	0.21748
		S.E.		0.17201	0.08594	0.18649
		N		18	24	9
Other		Pearson Rho		.	0.32536	.
		S.E.		.	0.61980	.
		N		0	3	0

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year	NAEP Assessment			
		Reading	Writing	Civics
Total Number of Days Absent in Grade 9 - 12 STUDENT PROGRAM				
Academic	Pearson Rho	-0.09367	-0.09944	-0.07169
	S.E.	0.03122	0.02234	0.03530
	N	1435	2152	832
Vocational	Pearson Rho	-0.15427	0.00898	-0.06072
	S.E.	0.10438	0.08946	0.12624
	N	37	73	29
Both	Pearson Rho	-0.13655	-0.10991	-0.12738
	S.E.	0.04708	0.04438	0.04225
	N	465	770	320
Neither	Pearson Rho	-0.01783	0.02169	-0.07453
	S.E.	0.07277	0.07843	0.07903
	N	51	74	33
COMMUNITY TYPE				
Urban	Pearson Rho	-0.09803	-0.11003	-0.11798
	S.E.	0.05222	0.05007	0.06106
	N	670	1060	440
Suburban	Pearson Rho	-0.11636	-0.11352	-0.07161
	S.E.	0.03785	0.03184	0.05310
	N	679	1070	416
Rural	Pearson Rho	-0.08377	-0.07273	-0.11999
	S.E.	0.04996	0.02992	0.04161
	N	639	939	358

Table 26.—Correlation of NAEP proficiency estimates of 1998 graduates with number of days absent each year and overall by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Days Absent by Year	NAEP Assessment			
		Reading	Writing	Civics
Total Number of Days Absent in Grade 9 - 12 PUBLIC/NONPUBLIC SCHOOL				
Public	Pearson Rho	-0.10936	-0.12064	-0.12099
	S.E.	0.02783	0.01868	0.02419
	N	1863	2878	1136
Nonpublic	Pearson Rho	0.08210	0.03819	0.08048
	S.E.	0.10800	0.12400	0.15491
	N	125	191	78
CENSUS REGION				
Northeast	Pearson Rho	-0.21185	-0.11699	-0.11475
	S.E.	0.07712	0.05003	0.06436
	N	236	449	183
South	Pearson Rho	-0.11592	-0.11701	-0.08058
	S.E.	0.04670	0.03792	0.05216
	N	1193	1755	691
Midwest	Pearson Rho	-0.07829	-0.10074	-0.16419
	S.E.	0.04349	0.03843	0.05076
	N	399	685	269
West	Pearson Rho	0.02634	0.02216	-0.01856
	S.E.	0.04969	0.08487	0.05694
	N	160	180	71



Table 27.—Correlation of NAEP proficiency estimates of 1998 graduates with graduation class size by student program, school type (public/nonpublic), and demographic categories

		NAEP Assessment			
			Reading	Writing	Civics
Class Size as Reported on Transcript	ALL GRADUATES	Pearson Rho	-0.03782	-0.02483	-0.04234
		S.E.	0.03132	0.03014	0.03527
		N	3969	6423	2562
STUDENT GENDER					
Male	Pearson Rho	Pearson Rho	-0.04773	0.01724	-0.03804
		S.E.	0.04383	0.03570	0.04487
		N	1861	3018	1200
Female	Pearson Rho	Pearson Rho	-0.03058	-0.06706	-0.04719
		S.E.	0.02749	0.03336	0.03945
		N	2108	3404	1362
RACE/ETHNICITY					
White	Pearson Rho	Pearson Rho	-0.01462	0.02736	0.00363
		S.E.	0.03999	0.03435	0.04168
		N	2374	3835	1491
Black	Pearson Rho	Pearson Rho	0.05096	-0.03878	0.00166
		S.E.	0.07618	0.04231	0.07322
		N	712	1154	447
Hispanic	Pearson Rho	Pearson Rho	-0.08416	-0.08864	-0.05532
		S.E.	0.06668	0.06443	0.07192
		N	589	950	418
Asian/Pacific Islander	Pearson Rho	Pearson Rho	0.06148	0.00942	-0.06281
		S.E.	0.06281	0.06764	0.07456
		N	261	410	180
Native American	Pearson Rho	Pearson Rho	-0.30579	0.02200	0.20930
		S.E.	0.22749	0.13453	0.21474
		N	33	68	23
Other	Pearson Rho	Pearson Rho	.	-0.28367	-0.05727
		S.E.	.	0.77857	0.62100
		N	0	6	3

Table 27.—Correlation of NAEP proficiency estimates of 1998 graduates with graduation class size by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Class Size as Reported on Transcript		STUDENT PROGRAM	NAEP Assessment		
			Reading	Writing	Civics
Academic	Pearson Rho	-0.03897	-0.04384	-0.03353	
	S.E.	0.03419	0.03533	0.03740	
	N	2807	4538	1796	
Vocational	Pearson Rho	-0.06292	0.02482	0.02960	
	S.E.	0.11399	0.08574	0.12710	
	N	114	224	80	
Both	Pearson Rho	-0.04362	0.00857	-0.09028	
	S.E.	0.03067	0.04574	0.05053	
	N	841	1358	577	
Neither	Pearson Rho	0.00232	-0.06418	-0.18668	
	S.E.	0.09889	0.12794	0.10101	
	N	207	303	109	
COMMUNITY TYPE					
Urban	Pearson Rho	-0.05794	-0.09246	-0.11692	
	S.E.	0.05460	0.06346	0.05914	
	N	1242	2009	823	
Suburban	Pearson Rho	-0.04592	-0.02135	-0.01649	
	S.E.	0.05540	0.05107	0.06066	
	N	1522	2464	988	
Rural	Pearson Rho	-0.03179	-0.06322	-0.04980	
	S.E.	0.04107	0.04118	0.06060	
	N	1205	1950	751	

Table 27.—Correlation of NAEP proficiency estimates of 1998 graduates with graduation class size by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Class Size as Reported on Transcript			NAEP Assessment		
			Reading	Writing	Civics
PUBLIC/NONPUBLIC SCHOOL					
Public	Pearson Rho	-0.01186	0.01738	-0.02005	
	S.E.	0.03514	0.02926	0.03819	
	N	3863	6176	2466	
Nonpublic	Pearson Rho	-0.03724	-0.01700	0.13545	
	S.E.	0.22275	0.28441	0.39586	
	N	106	247	96	
CENSUS REGION					
Northeast	Pearson Rho	-0.12169	-0.07450	-0.08696	
	S.E.	0.10945	0.06498	0.09536	
	N	476	826	322	
South	Pearson Rho	-0.02722	-0.03050	-0.05440	
	S.E.	0.04698	0.05355	0.04533	
	N	1650	2471	1003	
Midwest	Pearson Rho	0.02746	0.02422	0.04243	
	S.E.	0.08656	0.08381	0.10198	
	N	759	1484	570	
West	Pearson Rho	-0.02558	-0.05339	-0.03100	
	S.E.	0.05180	0.05400	0.05226	
	N	1084	1642	667	

Table 28.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, 1987, and 1982

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Mathematics	Mean	3.50	3.41	3.24	3.10	2.64
	S.E.	0.03	0.02	0.03	0.03	0.02
Science	Mean	3.15	3.06	2.78	2.56	2.22
	S.E.	0.03	0.03	0.03	0.04	0.02
English	Mean	4.15	4.23	4.12	4.08	3.93
	S.E.	0.04	0.03	0.03	0.02	0.02
Social Studies	Mean	3.78	3.59	3.52	3.39	3.24
	S.E.	0.04	0.04	0.04	0.04	0.04
Fine Arts	Mean	1.89	1.64	1.52	1.42	1.44
	S.E.	0.08	0.04	0.04	0.04	0.03
Foreign Languages	Mean	2.00	1.83	1.66	1.49	1.08
	S.E.	0.04	0.03	0.04	0.05	0.03
Computer-related Studies	Mean	0.75	0.65	0.54	0.49	0.14
	S.E.	0.03	0.02	0.02	0.02	0.01
Consumer & Homemaking Education	Mean	0.47	0.50	0.54	0.56	0.65
	S.E.	0.03	0.03	0.02	0.03	0.01
General Labor Market Preparation	Mean	0.60	0.67	0.81	0.89	1.04
	S.E.	0.03	0.02	0.02	0.03	0.02
Specific Labor Market Preparation	Mean	2.57	2.55	2.56	2.79	2.73
	S.E.	0.07	0.06	0.06	0.07	0.04
General Skills	Mean	0.48	0.33	0.33	0.33	0.24
	S.E.	0.03	0.02	0.03	0.02	0.01
Personal Health & Physical Education	Mean	2.33	2.21	2.25	2.20	2.29
	S.E.	0.07	0.06	0.06	0.07	0.05

Table 28.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, 1987, and 1982  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Religion	Mean	0.24	0.23	0.24	0.24	0.22
	S.E.	0.03	0.05	0.03	0.04	0.02
Military Science	Mean	0.07	0.05	0.04	0.05	0.03
	S.E.	0.01	0.01	0.01	0.01	0.00
Special Education	Mean	0.25	0.22	0.19	0.18	0.02
	S.E.	0.02	0.02	0.02	0.01	0.00
All Courses Other Than Above	Mean	0.02	0.01	0.02	0.01	0.00
	S.E.	0.00	0.00	0.00	0.00	0.00
Mean Total of Credits Earned	Mean	25.52	24.54	23.83	23.30	21.78
	S.E.	0.17	0.14	0.12	0.17	0.11

Table 29.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998

Subject Field	Credits Earned Categories									Mean
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Mathematics	0.1	0.0	0.7	9.0	33.9	40.8	12.8	2.4	0.3	3.50
Science	0.3	0.1	2.0	21.6	38.9	27.2	7.5	1.7	0.6	3.15
English	.	0.1	0.5	1.6	8.0	57.5	24.8	5.4	2.0	4.15
Social Studies	0.1	0.0	0.1	2.6	31.9	41.4	17.7	4.7	1.5	3.78
Fine Arts	21.2	8.2	21.5	19.4	10.3	8.2	4.9	2.4	3.9	1.89
Foreign Languages	17.9	2.4	12.0	33.1	20.2	11.2	1.9	0.6	0.7	2.00
Computer-related Studies	34.3	23.8	22.7	14.2	3.5	1.0	0.3	0.1	0.1	0.75
Consumer & Homemaking Education	58.2	15.7	13.5	9.0	2.7	0.7	0.2	0.0	0.0	0.47
General Labor Market Preparation	42.8	24.8	19.8	8.9	2.2	0.8	0.3	0.2	0.2	0.60
Specific Labor Market Preparation	14.2	9.1	14.3	18.1	13.4	10.3	7.3	5.0	8.4	2.57
General Skills	61.3	14.2	11.3	8.5	2.8	1.1	0.5	0.2	0.1	0.48
Personal Health & Physical Education	1.0	3.3	14.7	33.2	26.9	14.2	4.6	1.3	0.8	2.33
Religion	90.8	0.7	1.2	1.9	1.9	3.4	0.2	0.0	.	0.24
Military Science	96.5	0.3	1.2	0.7	0.6	0.5	0.1	0.1	0.1	0.07
Special Education	94.2	0.9	1.0	0.7	0.6	0.5	0.4	0.2	1.5	0.25
All Courses Other Than Above	98.1	1.0	0.5	0.3	0.0	0.1	0.0	0.0	0.0	0.02

Table 30.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1994

Subject Field	Credits Earned Categories									Mean
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Mathematics	0.0	0.1	0.9	11.5	34.3	39.9	11.6	1.5	0.2	3.41
Science	0.2	0.1	2.3	26.2	36.8	25.1	7.0	1.6	0.7	3.06
English	.	0.1	0.2	0.9	6.3	60.8	23.9	5.5	2.4	4.23
Social Studies	0.1	0.0	0.2	4.9	37.2	40.4	13.6	2.8	0.8	3.59
Fine Arts	22.7	9.4	23.2	18.5	9.9	8.7	3.9	1.8	1.8	1.64
Foreign Languages	21.3	2.5	12.8	33.9	17.5	9.7	1.2	0.5	0.5	1.83
Computer-related Studies	38.5	23.6	23.4	11.2	2.4	0.6	0.2	0.1	0.0	0.65
Consumer & Homemaking Education	56.6	16.5	13.4	9.3	3.1	0.8	0.1	0.1	0.0	0.50
General Labor Market Preparation	38.9	22.5	24.6	10.4	2.1	0.6	0.3	0.2	0.4	0.67
Specific Labor Market Preparation	13.7	10.4	14.3	18.1	13.7	9.7	6.6	4.9	8.5	2.55
General Skills	70.1	12.3	9.4	5.4	1.7	0.7	0.3	0.1	0.1	0.33
Personal Health & Physical Education	1.5	4.3	13.9	34.7	28.7	11.4	4.3	0.9	0.2	2.21
Religion	92.0	0.7	0.6	1.7	1.3	3.6	0.1	0.0	0.0	0.23
Military Science	97.3	0.4	0.9	0.6	0.4	0.4	0.1	0.0	0.0	0.05
Special Education	94.0	1.4	1.2	0.7	0.6	0.4	0.3	0.3	1.1	0.22
All Courses Other Than Above	99.0	0.5	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.01

Table 31.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1990

Subject Field	Credits Earned Categories									Mean
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Mathematics	0.1	0.0	1.6	17.6	34.4	34.8	10.0	1.2	0.1	3.24
Science	0.4	0.1	5.4	35.0	33.5	19.4	4.7	1.1	0.3	2.78
English	.	0.0	0.3	1.3	9.3	60.1	22.7	4.6	1.7	4.12
Social Studies	0.1	0.1	0.3	6.1	39.4	37.6	12.8	2.7	0.9	3.52
Fine Arts	25.9	10.7	21.1	18.2	9.5	7.7	3.7	1.7	1.5	1.52
Foreign Languages	27.1	2.6	13.8	30.5	15.3	8.4	1.2	0.5	0.5	1.66
Computer-related Studies	44.1	24.4	20.4	8.7	1.7	0.4	0.1	0.1	0.1	0.54
Consumer & Homemaking Education	54.4	17.0	13.9	9.9	3.2	1.2	0.2	0.1	0.1	0.54
General Labor Market Preparation	29.0	23.1	28.9	13.5	3.5	1.1	0.5	0.1	0.3	0.81
Specific Labor Market Preparation	14.7	8.9	15.2	17.8	12.9	9.8	6.6	5.4	8.7	2.56
General Skills	69.7	12.3	9.7	5.9	1.6	0.5	0.2	0.1	0.1	0.33
Personal Health & Physical Education	2.2	2.9	13.5	34.4	27.2	14.8	4.3	0.6	0.2	2.25
Religion	91.4	0.9	1.2	0.9	1.7	3.8	0.1	0.0	0.1	0.24
Military Science	97.7	0.2	0.7	0.7	0.4	0.3	0.0	0.0	0.0	0.04
Special Education	94.5	0.9	1.5	0.7	0.5	0.5	0.4	0.2	0.8	0.19
All Courses Other Than Above	98.3	1.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.02



Table 32.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1987

Subject Field	Credits Earned Categories									Mean
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Mathematics	0.2	0.1	3.9	22.3	31.7	30.5	9.7	1.5	0.2	3.10
Science	0.4	0.4	11.4	38.7	27.4	16.3	4.1	1.0	0.3	2.56
English	.	0.0	0.2	1.1	10.0	62.3	20.5	3.9	1.9	4.08
Social Studies	0.1	0.1	0.4	10.5	39.2	34.7	11.7	2.7	0.7	3.39
Fine Arts	32.2	10.2	18.7	16.4	8.5	7.2	3.6	1.6	1.7	1.42
Foreign Languages	33.4	2.4	15.8	25.5	13.2	7.2	1.4	0.5	0.6	1.49
Computer-related Studies	49.5	23.8	17.2	7.5	1.3	0.5	0.1	0.1	0.1	0.49
Consumer & Homemaking Education	56.0	13.5	14.7	10.5	3.6	1.2	0.4	0.1	0.0	0.56
General Labor Market Preparation	23.4	21.7	34.3	15.4	3.4	1.1	0.5	0.2	0.2	0.89
Specific Labor Market Preparation	12.7	8.1	13.1	17.6	13.5	10.7	7.8	6.5	10.0	2.79
General Skills	69.9	11.3	10.5	5.9	1.7	0.5	0.1	0.1	0.1	0.33
Personal Health & Physical Education	3.2	5.3	15.4	32.8	22.2	12.9	6.6	1.2	0.3	2.20
Religion	91.3	0.7	1.1	1.0	1.7	4.2	0.1	0.0	.	0.24
Military Science	97.5	0.3	0.8	0.5	0.4	0.4	0.0	0.0	0.0	0.05
Special Education	95.7	0.7	0.7	0.5	0.5	0.4	0.3	0.2	1.1	0.18
All Courses Other Than Above	99.2	0.4	0.3	0.1	0.0	0.0	0.0	.	0.0	0.01

Table 33.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1982

Subject Field	Credits Earned Categories									Mean
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Mathematics	0.8	0.4	12.5	31.5	27.8	21.0	5.2	0.7	0.2	2.64
Science	2.2	1.1	22.5	37.7	20.2	11.8	3.5	0.9	0.2	2.22
English	.	0.0	0.3	2.0	19.7	53.5	17.5	5.0	2.0	3.93
Social Studies	0.0	0.1	1.0	15.3	39.6	30.9	10.0	2.2	1.0	3.24
Fine Arts	32.1	10.9	17.2	15.4	9.5	7.9	3.5	1.6	1.8	1.44
Foreign Languages	47.2	2.8	14.5	19.8	9.4	5.2	0.7	0.2	0.2	1.08
Computer-related Studies	84.9	8.4	4.8	1.2	0.3	0.2	0.1	0.0	0.1	0.14
Consumer & Homemaking Education	51.7	14.6	14.9	11.3	4.6	2.1	0.5	0.1	0.1	0.65
General Labor Market Preparation	21.6	19.3	32.3	18.1	5.2	1.8	0.7	0.4	0.6	1.04
Specific Labor Market Preparation	15.6	6.6	13.2	16.7	13.7	10.7	7.7	6.0	9.9	2.73
General Skills	76.1	9.5	8.4	4.6	0.9	0.2	0.1	0.0	0.0	0.24
Personal Health & Physical Education	2.9	3.7	13.5	32.7	25.2	13.9	5.7	1.5	0.8	2.29
Religion	90.0	1.3	1.5	2.9	1.7	2.4	0.2	0.0	0.0	0.22
Military Science	97.8	0.6	0.7	0.4	0.2	0.2	0.1	.	.	0.03
Special Education	99.0	0.3	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.02
All Courses Other Than Above	100	.	.	.	.	.	.	.	.	0.00

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories

Subject Field		Credits Earned Categories								Mean	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00		>6.00
Mathematics	ALL GRADUATES	0.1	0.0	0.7	9.0	33.9	40.8	12.8	2.4	0.3	3.50
	GENDER										
	Male	0.1	0.0	0.6	9.6	34.0	40.6	12.6	2.1	0.3	3.49
	Female	0.1	0.0	0.7	8.4	34.0	41.2	13.0	2.3	0.3	3.53
	RACE/ETHNICITY										
	White	0.1	0.1	0.8	9.2	33.6	41.6	12.7	1.7	0.2	3.50
	Black	0.0	0.0	0.4	7.6	37.4	40.0	12.4	1.8	0.2	3.49
	Hispanic	0.0	0.0	0.6	10.5	37.8	36.8	11.9	1.8	0.5	3.40
	Asian/Pacific Islander	0.1	0.0	0.5	6.4	27.7	45.5	15.6	3.6	0.7	3.68
	Native American	0.0	0.0	0.6	17.8	38.1	33.2	8.6	1.7	0.0	3.19
	STUDENT PROGRAM										
	Academic	0.0	0.0	0.1	4.4	30.4	46.1	15.6	3.0	0.3	3.69
	Vocational	0.8	0.3	6.3	46.8	38.4	7.2	0.2	0.0	0.0	2.31
	Both	0.0	0.0	0.1	7.8	44.1	37.8	8.7	1.1	0.3	3.42
	Neither	0.8	0.5	5.0	43.9	41.1	8.1	0.5	0.0	0.0	2.33

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Mathematics	COMMUNITY TYPE										
	Urban	0.0	0.0	0.3	6.9	30.6	42.5	17.4	2.1	0.2	3.60
	Suburban	0.0	0.0	0.9	8.9	32.1	43.4	11.4	3.0	0.4	3.52
	Rural	0.2	0.1	0.8	11.5	39.5	35.9	9.9	1.8	0.2	3.39
	PUBLIC/NONPUBLIC SCHOOL										
	Public	0.1	0.0	0.7	9.5	35.9	40.1	11.3	2.0	0.3	3.46
	Nonpublic	0.0	0.1	0.2	3.9	13.2	47.7	28.2	6.6	0.1	3.99
	CENSUS REGION										
	Northeast	0.0	0.0	1.3	10.3	27.6	40.8	15.3	4.6	0.2	3.62
	South	0.1	0.0	0.3	4.4	35.1	44.3	13.2	2.3	0.4	3.64
	Midwest	0.2	0.1	0.8	11.3	34.7	39.6	11.8	1.2	0.3	3.39
	West	0.0	0.0	0.6	12.3	36.5	37.0	11.3	1.9	0.3	3.33

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Science											
	ALL GRADUATES	0.3	0.1	2.0	21.6	38.9	27.2	7.5	1.7	0.6	3.15
	GENDER										
	Male	0.3	0.2	2.1	23.3	37.6	27.0	7.0	1.8	0.6	3.13
	Female	0.2	0.1	1.8	20.2	40.3	27.3	7.9	1.7	0.6	3.18
	RACE/ETHNICITY										
	White	0.3	0.1	1.9	20.0	38.4	29.0	7.8	1.8	0.6	3.20
	Black	0.3	0.4	2.3	21.0	47.8	22.2	4.8	0.8	0.3	3.01
	Hispanic	0.2	0.2	2.8	37.4	35.1	17.2	5.3	1.3	0.4	2.81
	Asian/Pacific Islander	0.1	0.2	0.9	12.8	37.9	28.6	13.3	4.7	1.5	3.52
	Native American	0.0	0.6	2.0	33.9	42.2	19.9	0.8	0.7	0.0	2.77
	STUDENT PROGRAM										
	Academic	0.1	0.0	0.7	14.5	40.2	32.6	9.0	2.2	0.8	3.35
	Vocational	3.6	1.1	13.2	70.1	11.1	0.9	0.0	0.0	0.0	1.85
	Both	0.1	0.1	1.7	24.8	46.3	20.6	5.6	0.7	0.2	3.01
	Neither	1.9	1.4	12.1	64.8	18.5	1.3	0.0	0.0	0.0	1.93

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Science	COMMUNITY TYPE										
	Urban	0.3	0.1	2.0	18.4	39.5	30.2	7.3	1.6	0.6	3.20
	Suburban	0.3	0.3	2.5	21.6	37.6	27.1	7.7	2.2	0.8	3.14
	Rural	0.3	0.0	1.6	24.7	40.0	24.2	7.4	1.3	0.4	3.10
	PUBLIC/NONPUBLIC SCHOOL										
	Public	0.3	0.1	2.1	22.3	39.5	25.9	7.3	1.8	0.6	3.13
	Nonpublic	0.1	0.3	1.3	14.2	32.7	41.0	9.6	0.5	0.3	3.35
	CENSUS REGION										
	Northeast	0.1	0.2	1.6	20.9	31.0	28.5	12.0	3.9	1.9	3.37
	South	0.1	0.0	0.7	12.7	47.3	30.4	7.0	1.3	0.3	3.30
	Midwest	0.4	0.2	3.4	24.6	36.1	26.6	7.2	1.3	0.3	3.05
	West	0.6	0.3	2.8	32.1	36.1	22.0	4.8	1.1	0.3	2.84

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
English											
	ALL GRADUATES	0.0	0.1	0.5	1.6	8.0	57.5	24.8	5.4	2.0	4.15
	GENDER										
	Male	0.0	0.1	0.5	1.9	8.6	59.8	22.5	4.8	1.7	4.09
	Female	0.0	0.1	0.4	1.4	7.5	55.6	26.8	5.7	2.4	4.20
	RACE/ETHNICITY										
	White	0.0	0.1	0.3	1.2	8.4	57.5	25.1	5.2	2.2	4.16
	Black	0.0	0.1	0.3	2.4	6.4	59.7	23.5	5.7	1.9	4.18
	Hispanic	0.0	0.5	1.5	3.5	8.1	55.1	23.3	6.4	1.7	4.08
	Asian/Pacific Islander	0.0	0.5	1.5	2.6	7.3	59.7	22.0	4.9	1.6	4.05
	Native American	0.0	0.0	0.8	1.8	6.5	54.8	27.7	5.7	2.7	4.18
	STUDENT PROGRAM										
	Academic	0.0	0.0	0.2	0.8	5.7	57.0	27.8	6.0	2.5	4.25
	Vocational	0.0	0.4	1.2	7.6	30.2	53.6	6.2	0.7	0.0	3.41
	Both	0.0	0.0	0.3	1.4	6.1	63.0	22.5	5.5	1.2	4.17
	Neither	0.0	1.3	4.2	9.5	28.0	48.0	7.5	1.5	0.0	3.25

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
English	COMMUNITY TYPE										
	Urban	0.0	0.1	0.4	1.5	5.2	55.6	29.0	6.3	1.9	4.23
	Suburban	0.0	0.2	0.6	1.5	10.0	60.1	21.1	4.6	1.8	4.06
	Rural	0.0	0.0	0.3	2.0	8.5	56.3	25.0	5.5	2.3	4.17
	PUBLIC/NONPUBLIC SCHOOL										
	Public	0.0	0.1	0.5	1.8	8.6	57.5	24.1	5.2	2.1	4.13
	Nonpublic	0.0	0.0	0.0	0.2	2.2	57.3	31.3	7.6	1.3	4.33
	CENSUS REGION										
	Northeast	0.0	0.1	0.9	2.4	9.5	55.7	23.8	5.7	1.9	4.09
	South	0.0	0.0	0.3	1.5	5.1	58.6	24.7	7.2	2.7	4.29
	Midwest	0.0	0.1	0.2	1.3	12.0	54.4	27.4	3.3	1.3	4.04
	West	0.0	0.3	0.6	1.7	6.7	61.1	22.7	5.0	2.0	4.10



Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Social Studies											
	ALL GRADUATES	0.1	0.0	0.1	2.6	31.9	41.4	17.7	4.7	1.5	3.78
	GENDER										
	Male	0.1	0.0	0.2	2.9	35.0	39.9	16.0	4.5	1.3	3.73
	Female	0.0	0.0	0.1	2.4	29.3	42.6	19.2	4.9	1.6	3.84
	RACE/ETHNICITY										
	White	0.1	0.0	0.1	3.0	31.3	40.9	18.3	4.7	1.5	3.79
	Black	0.1	0.0	0.2	2.1	37.4	39.5	15.0	3.9	1.7	3.73
	Hispanic	0.1	0.0	0.1	1.6	39.2	41.5	13.3	3.4	0.8	3.65
	Asian/Pacific Islander	0.0	0.1	0.0	1.3	25.6	46.9	17.2	5.8	3.1	3.94
	Native American	0.0	0.0	0.0	1.0	36.5	43.8	14.5	3.5	0.8	3.68
	STUDENT PROGRAM										
	Academic	0.0	0.0	0.0	1.3	27.5	43.6	20.0	5.6	1.9	3.91
	Vocational	0.3	0.3	1.1	15.7	56.4	22.0	3.8	0.4	0.0	2.94
	Both	0.0	0.0	0.0	2.0	36.6	41.8	16.0	2.9	0.6	3.70
	Neither	0.8	0.3	1.1	12.1	53.0	26.0	5.2	1.6	0.1	3.05

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Social Studies	COMMUNITY TYPE										
	Urban	0.2	0.0	0.2	1.8	33.3	41.8	17.2	3.8	1.8	3.76
	Suburban	0.0	0.1	0.2	1.8	30.5	41.7	18.8	5.5	1.5	3.84
	Rural	0.0	0.0	0.1	4.5	32.3	40.6	16.9	4.5	1.2	3.74
	PUBLIC/NONPUBLIC SCHOOL										
	Public	0.1	0.0	0.1	2.5	31.6	41.7	17.6	4.7	1.6	3.79
	Nonpublic	0.0	0.0	0.2	3.7	35.0	37.7	18.4	4.6	0.3	3.71
	CENSUS REGION										
	Northeast	0.0	0.0	0.2	1.8	13.6	43.4	29.3	8.9	3.0	4.25
	South	0.1	0.0	0.1	1.4	36.5	40.2	16.4	3.8	1.4	3.77
	Midwest	0.1	0.1	0.1	6.1	37.2	37.5	14.6	3.7	0.7	3.56
	West	0.0	0.1	0.1	1.1	34.1	45.9	13.8	3.7	1.4	3.68

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Fine Arts											
	ALL GRADUATES	21.2	8.2	21.5	19.4	10.3	8.2	4.9	2.4	3.9	1.89
	GENDER										
	Male	26.4	9.6	22.7	17.7	8.4	6.2	3.7	2.1	3.2	1.61
	Female	16.7	6.8	20.5	20.8	11.8	10.0	6.0	2.8	4.6	2.14
	RACE/ETHNICITY										
	White	21.1	8.4	19.9	18.8	10.1	8.8	5.7	2.9	4.3	1.97
	Black	28.3	7.9	24.3	18.5	9.0	5.5	2.4	1.1	3.0	1.56
	Hispanic	17.3	7.6	27.6	21.6	10.5	6.8	3.6	1.5	3.5	1.82
	Asian/Pacific Islander	22.2	8.1	27.9	19.5	9.0	6.7	2.7	1.3	2.5	1.60
	Native American	17.4	8.1	21.8	21.0	12.6	9.0	3.8	4.2	2.1	1.92
	STUDENT PROGRAM										
	Academic	17.4	7.8	20.5	19.9	11.2	9.3	5.9	3.0	4.9	2.13
	Vocational	32.9	12.0	22.6	18.2	6.8	4.5	2.3	0.3	0.4	1.10
	Both	34.2	9.1	25.6	17.2	6.7	4.1	1.9	0.6	0.6	1.12
	Neither	15.0	7.6	18.4	22.1	13.0	11.1	5.6	2.8	4.5	2.14

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Fine Arts	COMMUNITY TYPE										
	Urban	20.3	7.7	23.2	20.6	10.2	6.6	4.0	2.0	5.4	1.97
	Suburban	18.7	8.7	22.3	20.5	10.1	8.5	5.0	2.8	3.3	1.87
	Rural	25.1	8.1	18.8	16.9	10.4	9.3	5.8	2.5	3.1	1.83
	PUBLIC/NONPUBLIC SCHOOL										
	Public	21.9	8.4	20.9	19.1	10.0	8.2	4.9	2.5	4.1	1.90
	Nonpublic	13.2	6.9	27.2	23.0	13.0	7.7	5.2	1.9	1.8	1.82
	CENSUS REGION										
	Northeast	22.1	10.0	22.4	18.2	9.6	7.3	4.3	2.6	3.4	1.76
	South	25.5	6.8	23.0	17.0	9.2	7.0	4.2	2.3	5.0	1.89
	Midwest	22.4	9.8	18.1	18.4	9.4	10.3	5.8	2.3	3.4	1.89
	West	12.5	7.1	22.4	25.3	13.3	8.1	5.4	2.6	3.2	2.01

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		Credits Earned Categories									Mean
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Foreign Languages	ALL GRADUATES	17.9	2.4	12.0	33.1	20.2	11.2	1.9	0.6	0.7	2.00
	GENDER										
	Male	23.5	2.5	12.2	32.6	18.5	8.4	1.3	0.3	0.7	1.78
	Female	12.8	2.1	11.7	34.2	21.7	13.6	2.3	0.8	0.8	2.19
	RACE/ETHNICITY										
	White	18.1	2.3	12.0	33.7	20.5	11.3	1.4	0.4	0.3	1.96
	Black	25.0	3.1	12.4	35.4	16.1	6.3	1.5	0.2	0.2	1.65
	Hispanic	14.3	2.5	13.4	31.7	21.0	10.0	2.1	1.8	3.3	2.24
	Asian/Pacific Islander	9.1	1.7	9.5	28.3	24.6	16.3	5.1	2.3	3.1	2.66
	Native American	28.9	2.9	20.7	25.9	16.9	4.7	0.0	0.0	0.0	1.41
	STUDENT PROGRAM										
	Academic	10.5	1.7	10.3	34.8	24.4	14.5	2.5	0.6	0.7	2.29
	Vocational	61.3	4.5	16.7	12.7	3.1	0.9	0.4	0.1	0.2	0.59
	Both	30.5	3.1	15.9	34.7	12.0	3.3	0.2	0.2	0.1	1.37
	Neither	35.2	6.6	16.9	21.4	8.4	3.5	2.4	1.6	3.9	1.50

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Foreign Languages											
	COMMUNITY TYPE										
	Urban	14.0	2.3	11.1	32.4	25.2	11.6	2.0	0.7	0.8	2.14
	Suburban	15.5	2.1	11.6	32.1	21.1	12.8	3.0	0.8	0.9	2.14
	Rural	24.7	2.8	13.5	35.1	14.1	8.7	0.6	0.3	0.4	1.67
	PUBLIC/NONPUBLIC SCHOOL										
	Public	19.3	2.5	12.6	34.0	18.1	10.4	1.7	0.6	0.7	1.92
	Nonpublic	2.6	0.9	5.7	24.3	41.9	19.4	4.2	0.5	0.4	2.82
	CENSUS REGION										
	Northeast	15.0	0.3	9.8	21.3	27.4	19.8	3.6	1.0	1.6	2.51
	South	17.4	2.0	9.7	42.4	19.4	6.6	1.7	0.4	0.4	1.92
	Midwest	22.2	3.5	14.2	29.7	16.6	12.3	1.0	0.3	0.2	1.79
	West	15.8	3.3	14.9	32.9	19.7	9.5	2.0	0.8	1.0	1.94

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		Credits Earned Categories									Mean
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Computer-related Studies	ALL GRADUATES	34.3	23.8	22.7	14.2	3.5	1.0	0.3	0.1	0.1	0.75
	GENDER										
	Male	33.2	22.9	23.0	14.9	4.0	1.4	0.4	0.2	0.2	0.80
	Female	35.4	24.7	22.3	13.4	3.2	0.7	0.2	0.1	0.1	0.71
	RACE/ETHNICITY										
	White	34.5	23.9	22.5	14.1	3.4	1.0	0.2	0.1	0.1	0.74
	Black	32.9	21.3	23.5	14.6	5.2	1.4	0.6	0.1	0.2	0.85
	Hispanic	33.5	23.2	24.3	14.8	3.2	0.7	0.3	0.0	0.0	0.74
	Asian/Pacific Islander	40.2	16.4	27.0	12.3	3.2	0.4	0.3	0.0	0.3	0.70
	Native American	38.8	20.3	17.3	21.2	1.4	0.7	0.3	0.0	0.0	0.70
	STUDENT PROGRAM										
	Academic	34.1	26.0	23.2	13.9	2.4	0.3	0.1	0.0	0.0	0.67
	Vocational	41.2	21.1	19.3	10.2	3.4	2.5	0.9	0.8	0.6	0.79
	Both	31.4	15.2	23.0	16.8	8.1	3.7	1.0	0.4	0.4	1.08
	Neither	40.9	28.5	17.0	11.7	1.7	0.2	0.0	0.0	0.0	0.55

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Computer-related Studies											
	COMMUNITY TYPE										
	Urban	37.5	25.1	22.0	11.7	2.5	0.8	0.2	0.1	0.1	0.66
	Suburban	37.2	23.1	21.6	13.0	3.5	1.0	0.3	0.2	0.1	0.72
	Rural	27.4	23.4	24.7	18.1	4.7	1.3	0.3	0.1	0.1	0.87
	PUBLIC/NONPUBLIC SCHOOL										
	Public	35.9	21.9	22.5	14.4	3.8	1.1	0.3	0.1	0.1	0.76
	Nonpublic	17.7	44.4	24.5	12.4	0.5	0.3	0.3	0.0	0.0	0.65
	CENSUS REGION										
	Northeast	36.7	24.3	21.6	13.1	3.1	0.7	0.2	0.1	0.2	0.70
	South	27.7	15.7	29.8	19.2	5.6	1.4	0.4	0.1	0.1	0.96
	Midwest	33.4	32.1	18.3	11.6	2.8	1.2	0.3	0.2	0.1	0.69
	West	43.0	25.9	18.0	10.7	1.7	0.4	0.1	0.0	0.0	0.54



Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		Credits Earned Categories									Mean
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Consumer & Homemaking Education	ALL GRADUATES	58.2	15.7	13.5	9.0	2.7	0.7	0.2	0.0	0.0	0.47
	GENDER										
	Male	65.8	15.7	11.3	5.7	1.3	0.2	0.0	0.0	0.0	0.33
	Female	50.6	15.8	15.7	12.3	4.0	1.2	0.3	0.0	0.0	0.62
	RACE/ETHNICITY										
	White	57.8	16.6	13.2	9.0	2.5	0.6	0.2	0.0	0.0	0.47
	Black	49.8	12.5	18.8	12.2	4.6	1.8	0.2	0.1	0.1	0.68
	Hispanic	57.5	15.6	13.9	9.2	2.8	0.8	0.2	0.0	0.0	0.48
	Asian/Pacific Islander	67.8	17.8	8.1	5.0	1.0	0.2	0.1	0.0	0.0	0.29
	Native American	52.4	16.3	14.8	12.7	3.1	0.8	0.0	0.0	0.0	0.54
	STUDENT PROGRAM										
	Academic	59.5	15.7	12.8	8.7	2.4	0.7	0.2	0.0	0.0	0.45
	Vocational	49.9	18.1	16.9	11.0	3.2	0.7	0.1	0.0	0.2	0.57
	Both	60.2	14.6	13.8	8.5	2.3	0.4	0.0	0.0	0.0	0.44
	Neither	40.0	18.0	17.7	13.6	7.9	1.9	0.6	0.1	0.2	0.82

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Consumer & Homemaking Education	COMMUNITY TYPE										
	Urban	68.1	13.2	10.6	6.0	1.5	0.4	0.1	0.0	0.0	0.34
	Suburban	57.2	18.4	13.9	7.9	1.9	0.4	0.2	0.0	0.0	0.43
	Rural	49.4	15.0	15.9	13.3	4.9	1.3	0.2	0.0	0.0	0.66
	PUBLIC/NONPUBLIC SCHOOL										
	Public	55.6	16.3	14.4	9.8	2.9	0.8	0.2	0.0	0.0	0.51
	Nonpublic	84.7	10.1	4.1	1.0	0.1	0.0	0.0	0.0	0.0	0.11
	CENSUS REGION										
	Northeast	73.5	10.4	8.5	5.8	1.1	0.3	0.3	0.0	0.0	0.30
	South	56.9	12.9	15.5	9.8	3.6	1.1	0.2	0.0	0.0	0.54
	Midwest	49.1	20.6	14.7	11.4	3.1	0.7	0.2	0.0	0.1	0.55
	West	57.8	18.6	13.1	7.6	2.2	0.5	0.1	0.0	0.0	0.43

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		Credits Earned Categories									Mean
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
General Labor Market Preparation	ALL GRADUATES	42.8	24.8	19.8	8.9	2.2	0.8	0.3	0.2	0.2	0.60
	GENDER										
	Male	43.7	24.1	18.6	9.3	2.5	1.0	0.4	0.2	0.3	0.62
	Female	41.8	25.1	21.2	8.6	1.9	0.7	0.3	0.1	0.1	0.59
	RACE/ETHNICITY										
	White	44.1	25.6	18.6	7.9	2.2	0.9	0.4	0.2	0.2	0.58
	Black	40.4	17.5	25.9	11.8	2.7	1.0	0.3	0.1	0.3	0.71
	Hispanic	37.5	23.9	24.1	11.2	1.9	0.6	0.3	0.2	0.3	0.66
	Asian/Pacific Islander	38.9	29.4	16.2	12.8	1.5	0.6	0.2	0.3	0.1	0.60
	Native American	42.3	27.7	15.2	14.0	0.5	0.0	0.4	0.0	0.0	0.55
	STUDENT PROGRAM										
	Academic	44.7	26.3	19.0	7.6	1.6	0.5	0.2	0.1	0.0	0.52
	Vocational	30.1	14.4	21.5	19.6	7.2	3.6	1.3	1.2	0.9	1.17
	Both	42.8	21.4	22.6	9.8	2.2	0.8	0.3	0.1	0.1	0.61
	Neither	26.6	25.7	18.1	15.2	5.8	3.1	2.0	1.2	2.2	1.21

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
General Labor Market Preparation											
	COMMUNITY TYPE										
	Urban	51.6	23.3	15.6	6.8	1.6	0.5	0.2	0.2	0.3	0.49
	Suburban	44.5	27.7	17.5	7.9	1.3	0.6	0.2	0.1	0.2	0.51
	Rural	31.7	22.7	26.8	12.3	3.9	1.4	0.7	0.3	0.1	0.81
	PUBLIC/NONPUBLIC SCHOOL										
	Public	41.0	24.9	20.6	9.5	2.3	0.9	0.4	0.2	0.2	0.63
	Nonpublic	61.1	24.1	11.2	3.0	0.4	0.0	0.2	0.0	0.0	0.28
	CENSUS REGION										
	Northeast	44.9	30.8	15.4	6.5	1.3	0.5	0.2	0.2	0.1	0.49
	South	48.6	15.2	22.6	10.2	2.4	0.6	0.1	0.1	0.2	0.60
	Midwest	40.6	27.9	17.6	7.5	3.2	1.6	0.8	0.3	0.4	0.67
	West	34.7	30.6	21.7	10.6	1.4	0.5	0.2	0.1	0.1	0.61

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		Credits Earned Categories									Mean
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Specific Labor Market Preparation	ALL GRADUATES	14.2	9.1	14.3	18.1	13.4	10.3	7.3	5.0	8.4	2.57
	GENDER										
	Male	11.1	7.0	13.1	17.5	13.9	11.3	8.5	6.4	11.3	2.98
	Female	17.3	11.2	15.5	18.4	12.7	9.5	6.0	3.8	5.8	2.20
	RACE/ETHNICITY										
	White	14.4	9.2	14.1	18.2	13.0	9.9	7.2	5.0	8.9	2.60
	Black	11.0	7.8	13.8	17.2	14.0	12.8	8.6	5.5	9.1	2.80
	Hispanic	12.6	8.0	15.3	18.4	15.3	11.2	7.2	4.8	7.2	2.54
	Asian/Pacific Islander	16.4	8.4	17.0	22.8	14.2	9.1	5.1	3.9	3.2	2.05
	Native American	9.8	6.7	14.3	22.4	12.9	13.1	6.1	6.5	8.0	2.73
	STUDENT PROGRAM										
	Academic	19.1	12.3	19.2	23.8	14.6	7.2	2.6	0.8	0.3	1.53
	Vocational	0.0	0.0	0.0	0.0	4.3	11.0	15.7	17.7	51.3	6.57
	Both	0.0	0.0	0.0	0.0	8.5	20.8	22.3	18.0	30.4	5.61
	Neither	11.0	8.2	11.9	22.7	22.3	12.9	7.4	2.4	1.2	2.20

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Specific Labor Market Preparation	COMMUNITY TYPE										
	Urban	20.4	9.1	17.1	16.6	11.3	9.1	5.7	3.8	6.9	2.21
	Suburban	14.6	10.9	14.4	18.9	13.2	9.7	6.6	4.5	7.1	2.40
	Rural	7.4	7.0	11.3	18.5	15.7	12.2	9.6	6.7	11.4	3.15
	PUBLIC/NONPUBLIC SCHOOL										
	Public	12.4	8.3	13.2	18.1	14.4	11.2	7.9	5.4	9.1	2.74
	Nonpublic	32.6	17.9	25.8	18.3	3.2	0.9	0.3	0.1	0.8	0.85
	CENSUS REGION										
	Northeast	21.9	11.7	14.0	16.2	11.3	7.7	5.4	3.8	7.8	2.26
	South	10.6	5.2	15.2	17.4	13.4	12.4	8.4	6.7	10.6	2.97
	Midwest	10.9	10.5	13.6	19.6	13.7	9.9	8.1	5.0	8.8	2.64
	West	16.9	11.2	13.9	19.0	14.8	9.6	6.1	3.4	5.1	2.16

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
General Skills											
	ALL GRADUATES	61.3	14.2	11.3	8.5	2.8	1.1	0.5	0.2	0.1	0.48
	GENDER										
	Male	65.2	14.1	10.2	6.6	2.3	0.9	0.5	0.1	0.1	0.41
	Female	58.7	14.4	11.9	9.8	3.2	1.2	0.4	0.2	0.1	0.52
	RACE/ETHNICITY										
	White	62.2	14.4	10.7	8.0	2.8	1.2	0.5	0.2	0.1	0.47
	Black	64.4	13.4	11.2	7.4	2.1	0.8	0.5	0.1	0.1	0.43
	Hispanic	57.7	14.1	13.2	9.5	3.6	1.2	0.4	0.1	0.1	0.53
	Asian/Pacific Islander	56.7	17.0	13.9	8.0	3.0	0.8	0.4	0.3	0.0	0.49
	Native American	53.5	12.4	11.3	14.3	5.1	1.3	1.2	0.0	0.9	0.73
	STUDENT PROGRAM										
	Academic	61.0	14.1	11.4	8.6	3.0	1.2	0.4	0.1	0.1	0.48
	Vocational	52.7	18.2	12.0	11.1	3.3	1.1	1.0	0.4	0.1	0.60
	Both	69.4	12.9	10.0	5.8	1.1	0.5	0.3	0.1	0.0	0.32
	Neither	43.4	15.9	13.7	14.3	6.0	2.8	1.6	1.0	1.2	0.95

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
General Skills	COMMUNITY TYPE										
	Urban	62.4	12.8	10.8	8.6	2.9	1.5	0.6	0.2	0.1	0.49
	Suburban	59.7	15.5	12.0	8.2	2.9	1.1	0.3	0.2	0.2	0.48
	Rural	62.3	13.8	10.9	8.6	2.8	0.8	0.5	0.1	0.1	0.46
	PUBLIC/NONPUBLIC SCHOOL										
	Public	59.9	14.6	11.7	8.7	3.0	1.2	0.5	0.2	0.1	0.50
	Nonpublic	76.0	9.4	6.6	6.3	0.9	0.5	0.3	0.0	0.0	0.28
	CENSUS REGION										
	Northeast	73.4	13.8	5.9	4.1	1.8	1.0	0.2	0.0	0.0	0.28
	South	67.9	11.6	10.6	6.4	2.0	0.9	0.3	0.1	0.1	0.40
	Midwest	61.9	15.7	10.6	7.7	2.4	0.9	0.6	0.1	0.2	0.44
	West	40.9	16.4	17.5	16.1	5.5	1.9	0.9	0.5	0.3	0.82



Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		Credits Earned Categories									Mean
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Personal Health & Physical Education	ALL GRADUATES	1.0	3.3	14.7	33.2	26.9	14.2	4.6	1.3	0.8	2.33
	GENDER										
	Male	0.3	2.2	11.5	29.3	28.6	18.4	6.4	2.0	1.2	2.60
	Female	1.6	4.1	17.8	36.7	25.2	10.5	3.0	0.6	0.5	2.11
	RACE/ETHNICITY										
	White	1.1	3.2	16.4	34.7	26.0	12.5	4.2	1.2	0.8	2.26
	Black	1.2	3.8	18.5	35.6	23.2	11.4	3.9	1.3	1.2	2.23
	Hispanic	0.5	3.3	5.7	24.3	33.4	21.3	7.8	2.5	1.2	2.78
	Asian/Pacific Islander	0.7	2.5	5.7	38.8	31.2	16.4	3.3	0.8	0.5	2.39
	Native American	0.3	3.3	3.1	39.2	27.7	17.5	7.1	1.4	0.4	2.56
	STUDENT PROGRAM										
	Academic	1.0	3.5	13.9	32.8	26.3	15.2	4.9	1.4	0.9	2.37
	Vocational	0.6	2.4	17.1	37.4	26.3	12.4	3.2	0.5	0.1	2.17
	Both	0.3	2.8	18.6	33.9	28.5	10.7	3.6	1.0	0.7	2.23
	Neither	3.4	2.9	9.0	33.7	28.9	14.2	5.7	1.5	0.8	2.37

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Personal Health & Physical Education	COMMUNITY TYPE										
	Urban	0.6	4.8	13.5	34.3	27.2	14.1	3.8	0.9	0.8	2.30
	Suburban	1.5	2.7	12.4	33.2	26.0	17.5	4.5	1.2	1.0	2.40
	Rural	0.7	2.5	18.7	32.3	27.6	10.1	5.6	1.7	0.7	2.29
	PUBLIC/NONPUBLIC SCHOOL										
	Public	0.5	3.5	13.7	34.0	28.3	13.1	4.7	1.3	0.9	2.34
	Nonpublic	6.0	0.9	24.9	25.8	11.8	25.3	4.2	1.0	0.1	2.25
	CENSUS REGION										
	Northeast	3.0	3.4	11.8	22.9	36.1	21.2	1.4	0.1	0.1	2.30
	South	0.2	4.4	21.4	33.0	20.4	11.7	5.4	1.7	1.7	2.31
	Midwest	1.2	3.4	18.8	47.2	18.1	9.0	1.7	0.4	0.2	1.95
	West	0.1	1.3	2.3	26.0	39.1	18.1	9.5	2.7	0.9	2.85

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		Credits Earned Categories									Mean
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Religion	ALL GRADUATES	90.8	0.7	1.2	1.9	1.9	3.4	0.2	0.0	.	0.24
	GENDER										
	Male	90.6	0.5	1.1	1.5	3.1	3.1	0.1	0.0	.	0.25
	Female	90.7	0.9	1.3	2.2	0.8	3.9	0.2	0.0	.	0.25
	RACE/ETHNICITY										
	White	90.1	0.8	1.3	1.6	2.1	3.9	0.2	0.0	.	0.27
	Black	94.9	0.5	0.8	0.4	0.7	2.6	0.1	0.0	.	0.15
	Hispanic	92.5	0.4	0.6	0.6	2.3	3.6	0.1	0.0	.	0.22
	Asian/Pacific Islander	94.3	1.0	0.6	1.0	1.5	1.7	0.0	0.0	.	0.14
	Native American	92.9	0.0	0.0	2.1	3.6	1.4	0.0	0.0	.	0.19
	STUDENT PROGRAM										
	Academic	88.3	0.8	1.2	2.2	2.6	4.6	0.3	0.0	.	0.32
	Vocational	98.1	0.4	0.5	0.1	0.0	1.0	0.0	0.0	.	0.05
	Both	97.4	0.2	1.3	0.6	0.0	0.4	0.0	0.0	.	0.04
	Neither	93.3	0.5	0.3	3.8	1.1	1.0	0.0	0.0	.	0.15

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Religion											
	COMMUNITY TYPE										
	Urban	84.9	0.4	0.7	1.0	5.3	7.5	0.1	0.0	.	0.46
	Suburban	91.7	0.9	1.9	3.6	0.4	1.0	0.4	0.0	.	0.16
	Rural	95.5	0.6	0.7	0.5	0.2	2.4	0.0	0.0	.	0.12
	PUBLIC/NONPUBLIC SCHOOL										
	Public	97.9	0.7	1.0	0.4	0.1	0.0	0.0	0.0	.	0.02
	Nonpublic	17.1	0.0	3.4	17.5	20.6	39.3	2.0	0.1	.	2.55
	CENSUS REGION										
	Northeast	86.8	0.2	2.3	6.3	0.4	4.1	0.0	0.0	.	0.31
	South	90.1	0.6	1.3	1.5	3.5	2.5	0.5	0.0	.	0.26
	Midwest	93.0	1.4	0.6	0.5	2.0	2.5	0.0	0.0	.	0.17
	West	92.6	0.4	0.8	0.3	0.4	5.5	0.1	0.0	.	0.25

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		Credits Earned Categories									Mean
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Military Science	ALL GRADUATES	96.5	0.3	1.2	0.7	0.6	0.5	0.1	0.1	0.1	0.07
	GENDER										
	Male	96.0	0.3	1.4	0.8	0.7	0.6	0.1	0.0	0.1	0.09
	Female	97.0	0.3	1.0	0.6	0.5	0.4	0.1	0.1	0.0	0.06
	RACE/ETHNICITY										
	White	98.0	0.1	0.6	0.4	0.4	0.3	0.1	0.0	0.1	0.05
	Black	89.7	0.9	3.7	2.1	1.8	1.4	0.2	0.2	0.0	0.21
	Hispanic	95.3	0.7	1.7	0.9	0.6	0.4	0.1	0.2	0.0	0.09
	Asian/Pacific Islander	97.4	0.3	0.5	0.7	0.6	0.4	0.0	0.0	0.0	0.06
	Native American	94.5	0.3	1.0	2.5	0.6	0.4	0.7	0.0	0.0	0.13
	STUDENT PROGRAM										
	Academic	96.6	0.3	1.0	0.7	0.6	0.6	0.1	0.1	0.0	0.08
	Vocational	97.3	0.5	1.2	0.3	0.5	0.1	0.0	0.0	0.0	0.04
	Both	96.7	0.2	1.5	0.8	0.3	0.3	0.0	0.0	0.1	0.06
	Neither	94.4	0.9	2.2	1.1	1.0	0.2	0.0	0.2	0.1	0.10

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Military Science											
	COMMUNITY TYPE										
	Urban	95.1	0.4	1.6	1.1	0.8	0.7	0.1	0.1	0.1	0.10
	Suburban	96.9	0.2	1.1	0.5	0.6	0.4	0.1	0.1	0.1	0.07
	Rural	97.5	0.2	0.9	0.5	0.4	0.4	0.0	0.0	0.0	0.05
	PUBLIC/NONPUBLIC SCHOOL										
	Public	96.2	0.3	1.3	0.7	0.7	0.5	0.1	0.1	0.1	0.08
	Nonpublic	99.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.00
	CENSUS REGION										
	Northeast	99.4	0.0	0.3	0.1	0.1	0.2	0.0	0.0	0.0	0.01
	South	92.7	0.4	2.5	1.4	1.3	1.2	0.3	0.2	0.1	0.17
	Midwest	98.7	0.2	0.4	0.4	0.2	0.1	0.0	0.0	0.0	0.02
	West	97.5	0.4	0.8	0.5	0.5	0.2	0.0	0.0	0.0	0.05

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		Credits Earned Categories									Mean
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
Special Education	ALL GRADUATES	94.2	0.9	1.0	0.7	0.6	0.5	0.4	0.2	1.5	0.25
	GENDER										
	Male	92.8	1.0	1.2	0.8	0.9	0.7	0.5	0.3	1.9	0.33
	Female	95.5	0.9	0.9	0.6	0.4	0.3	0.3	0.1	1.1	0.19
	RACE/ETHNICITY										
	White	94.4	0.9	0.9	0.7	0.7	0.5	0.4	0.2	1.4	0.24
	Black	92.7	1.3	2.0	0.6	0.3	0.7	0.3	0.2	1.9	0.34
	Hispanic	93.6	0.8	1.0	0.7	0.6	0.6	0.4	0.2	2.0	0.32
	Asian/Pacific Islander	95.1	1.9	0.7	0.4	0.5	0.3	0.3	0.1	0.7	0.14
	Native American	93.6	0.3	0.0	0.0	0.9	1.6	2.0	0.3	1.3	0.33
	STUDENT PROGRAM										
	Academic	95.9	0.8	0.8	0.4	0.4	0.3	0.2	0.1	1.0	0.17
	Vocational	83.5	1.3	1.7	2.2	2.7	2.0	0.8	1.0	4.7	0.80
	Both	93.4	0.9	1.5	0.8	0.6	0.5	0.6	0.2	1.3	0.25
	Neither	84.4	1.7	1.9	1.7	1.3	1.5	1.1	0.9	5.6	0.94

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
Special Education											
	COMMUNITY TYPE										
	Urban	94.1	1.0	1.2	0.4	0.6	0.4	0.4	0.2	1.7	0.29
	Suburban	93.1	1.2	1.2	1.0	0.8	0.6	0.5	0.2	1.6	0.28
	Rural	95.7	0.5	0.7	0.5	0.4	0.5	0.3	0.2	1.1	0.19
	PUBLIC/NONPUBLIC SCHOOL										
	Public	93.7	1.0	1.1	0.7	0.7	0.5	0.4	0.2	1.6	0.28
	Nonpublic	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	CENSUS REGION										
	Northeast	95.2	0.4	0.7	0.6	0.5	0.3	0.5	0.2	1.6	0.26
	South	95.3	0.9	1.0	0.6	0.4	0.4	0.2	0.1	1.0	0.19
	Midwest	92.6	1.0	1.5	0.8	0.9	0.7	0.6	0.3	1.6	0.30
	West	93.7	1.2	0.9	0.7	0.6	0.5	0.3	0.2	1.9	0.29



Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		Credits Earned Categories									Mean
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00	
All Courses Other Than Above	ALL GRADUATES	98.1	1.0	0.5	0.3	0.0	0.1	0.0	0.0	0.0	0.02
	GENDER										
	Male	98.0	1.0	0.5	0.3	0.1	0.0	0.0	0.0	0.1	0.02
	Female	98.1	1.0	0.5	0.3	0.0	0.1	0.0	0.0	0.0	0.02
	RACE/ETHNICITY										
	White	98.1	1.0	0.4	0.3	0.0	0.1	0.0	0.0	0.0	0.02
	Black	99.0	0.5	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.01
	Hispanic	97.0	1.3	0.9	0.6	0.1	0.0	0.0	0.1	0.0	0.04
	Asian/Pacific Islander	97.6	0.8	1.0	0.5	0.0	0.0	0.1	0.0	0.0	0.03
	Native American	97.0	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.02
	STUDENT PROGRAM										
	Academic	98.1	1.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.02
	Vocational	97.3	1.8	0.6	0.2	0.1	0.0	0.0	0.0	0.1	0.03
	Both	98.5	0.8	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.01
	Neither	96.5	1.3	0.5	0.4	0.1	0.5	0.0	0.2	0.5	0.11

Table 34.—Percentage of graduates earning various number of credits (Carnegie Units) in each subject field in 1998, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field	Credits Earned Categories									Mean	
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	5.01 thru 6.00	>6.00		
All Courses Other Than Above											
	COMMUNITY TYPE										
	Urban	98.9	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.01
	Suburban	97.0	1.7	0.6	0.5	0.1	0.1	0.0	0.0	0.0	0.04
	Rural	98.7	0.5	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.01
	PUBLIC/NONPUBLIC SCHOOL										
	Public	97.9	1.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.02
	Nonpublic	99.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.02
	CENSUS REGION										
	Northeast	98.7	0.2	0.4	0.5	0.0	0.1	0.0	0.0	0.0	0.02
	South	98.2	0.7	0.6	0.4	0.1	0.1	0.0	0.0	0.0	0.02
	Midwest	97.5	2.1	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.02
	West	98.2	0.9	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories

Subject Field				1998	1994	1990	1987	1982	
				Graduates	Graduates	Graduates	Graduates	Graduates	
Mathematics	ALL GRADUATES	Mean		3.50	3.41	3.24	3.10	2.64	
		S.E.		0.03	0.02	0.03	0.03	0.02	
		GENDER							
		Male	Mean		3.49	3.41	3.27	3.16	2.73
			S.E.		0.03	0.02	0.03	0.03	0.03
		Female	Mean		3.53	3.42	3.21	3.04	2.55
			S.E.		0.03	0.03	0.03	0.03	0.03
		RACE/ETHNICITY							
		White	Mean		3.50	3.43	3.22	3.11	2.69
			S.E.		0.03	0.03	0.03	0.03	0.02
		Black	Mean		3.49	3.28	3.27	3.01	2.58
			S.E.		0.05	0.04	0.07	0.06	0.04
		Hispanic	Mean		3.40	3.43	3.25	2.93	2.32
			S.E.		0.05	0.04	0.07	0.05	0.04
		Asian/Pacific Islander	Mean		3.68	3.84	3.67	3.88	3.21
			S.E.		0.05	0.07	0.05	0.09	0.08
		Native American	Mean		3.19	3.16	3.25	3.06	2.47
			S.E.		0.10	0.05	0.18	0.15	0.12
		STUDENT PROGRAM							
		Academic	Mean		3.69	3.65	3.57	3.59	3.38
			S.E.		0.03	0.02	0.02	0.02	0.02
		Vocational	Mean		2.31	2.19	2.18	2.08	1.82
			S.E.		0.06	0.04	0.03	0.03	0.03
		Both	Mean		3.42	3.29	3.19	3.18	3.04
			S.E.		0.04	0.03	0.04	0.03	0.08
		Neither	Mean		2.33	2.36	2.26	2.23	2.00
			S.E.		0.04	0.04	0.06	0.03	0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates	
Mathematics	COMMUNITY TYPE						
	Urban	Mean S.E.	3.60 0.05	. .	. .	. .	
	Suburban	Mean S.E.	3.52 0.05	. .	. .	. .	
	Rural	Mean S.E.	3.39 0.05	. .	. .	. .	
	Big City	Mean S.E.	. .	3.49 0.05	3.35 0.06	3.10 0.06	. .
	Urban Fringe	Mean S.E.	. .	3.50 0.06	3.31 0.04	3.23 0.05	. .
	Medium City	Mean S.E.	. .	3.41 0.05	3.25 0.05	3.09 0.06	. .
	Small Place	Mean S.E.	. .	3.33 0.03	3.16 0.05	3.02 0.05	. .
	PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean S.E.	3.46 0.03	3.38 0.03	3.20 0.03	3.05 0.03	2.57 0.02
	Nonpublic	Mean S.E.	3.99 0.10	3.85 0.06	3.64 0.05	3.59 0.07	3.23 0.07
	CENSUS REGION						
	Northeast	Mean S.E.	3.62 0.10	3.53 0.06	3.39 0.04	3.32 0.08	2.92 0.04
	South	Mean S.E.	3.64 0.05	3.46 0.04	3.37 0.05	3.11 0.04	2.62 0.04
	Midwest	Mean S.E.	3.39 0.05	3.31 0.04	2.98 0.07	2.92 0.06	2.51 0.04
	West	Mean S.E.	3.33 0.06	3.38 0.06	3.20 0.05	3.11 0.04	2.50 0.03

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982	
			Graduates	Graduates	Graduates	Graduates	Graduates	
Science	ALL GRADUATES	Mean	3.15	3.06	2.78	2.56	2.22	
		S.E.	0.03	0.03	0.03	0.04	0.02	
		GENDER						
		Male	Mean	3.13	3.04	2.81	2.61	2.29
			S.E.	0.03	0.03	0.03	0.04	0.03
		Female	Mean	3.18	3.08	2.75	2.51	2.15
			S.E.	0.03	0.03	0.03	0.04	0.02
		RACE/ETHNICITY						
		White	Mean	3.20	3.14	2.82	2.61	2.30
			S.E.	0.03	0.03	0.03	0.05	0.02
		Black	Mean	3.01	2.81	2.68	2.32	2.05
			S.E.	0.07	0.04	0.06	0.06	0.05
		Hispanic	Mean	2.81	2.72	2.52	2.33	1.82
			S.E.	0.06	0.04	0.04	0.06	0.03
		Asian/Pacific Islander	Mean	3.52	3.34	3.02	3.20	2.62
			S.E.	0.09	0.11	0.12	0.11	0.12
		Native American	Mean	2.77	2.82	2.52	2.50	2.01
			S.E.	0.06	0.07	0.15	0.08	0.17
		STUDENT PROGRAM						
		Academic	Mean	3.35	3.34	3.13	3.06	2.96
			S.E.	0.03	0.03	0.03	0.04	0.02
		Vocational	Mean	1.85	1.86	1.77	1.61	1.44
			S.E.	0.06	0.04	0.04	0.05	0.02
		Both	Mean	3.01	2.80	2.59	2.49	2.51
			S.E.	0.05	0.03	0.04	0.05	0.07
		Neither	Mean	1.93	1.92	1.85	1.71	1.57
			S.E.	0.04	0.04	0.02	0.04	0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Science	COMMUNITY TYPE					
	Urban	Mean 3.20 S.E. 0.07	. .	. .	. .	. .
	Suburban	Mean 3.14 S.E. 0.04	. .	. .	. .	. .
	Rural	Mean 3.10 S.E. 0.03	. .	. .	. .	. .
	Big City	Mean . S.E. .	3.04 0.08	2.78 0.08	2.54 0.08	. .
	Urban Fringe	Mean . S.E. .	3.13 0.07	2.81 0.04	2.57 0.05	. .
	Medium City	Mean . S.E. .	3.05 0.07	2.65 0.08	2.48 0.08	. .
	Small Place	Mean . S.E. .	3.03 0.04	2.79 0.05	2.59 0.06	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 3.13 S.E. 0.03	3.04 0.03	2.75 0.03	2.53 0.04	2.17 0.02
	Nonpublic	Mean 3.35 S.E. 0.15	3.26 0.08	3.06 0.06	2.81 0.08	2.57 0.05
	CENSUS REGION					
	Northeast	Mean 3.37 S.E. 0.10	3.39 0.07	3.09 0.04	2.89 0.12	2.63 0.05
	South	Mean 3.30 S.E. 0.05	3.09 0.04	2.88 0.05	2.55 0.03	2.22 0.02
	Midwest	Mean 3.05 S.E. 0.05	3.00 0.06	2.54 0.06	2.37 0.09	2.07 0.04
	West	Mean 2.84 S.E. 0.07	2.81 0.04	2.59 0.04	2.45 0.06	1.89 0.05

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982	
			Graduates	Graduates	Graduates	Graduates	Graduates	
English	ALL GRADUATES	Mean	4.15	4.23	4.12	4.08	3.93	
		S.E.	0.04	0.03	0.03	0.02	0.02	
		GENDER						
		Male	Mean	4.09	4.22	4.08	4.05	3.89
			S.E.	0.04	0.04	0.03	0.02	0.02
		Female	Mean	4.20	4.24	4.16	4.11	3.96
			S.E.	0.04	0.03	0.03	0.03	0.03
		RACE/ETHNICITY						
		White	Mean	4.16	4.23	4.11	4.08	3.91
			S.E.	0.05	0.04	0.04	0.03	0.02
		Black	Mean	4.18	4.33	4.27	4.18	4.08
			S.E.	0.05	0.03	0.04	0.04	0.04
		Hispanic	Mean	4.08	4.24	4.08	4.02	3.92
			S.E.	0.04	0.08	0.04	0.04	0.03
		Asian/Pacific Islander	Mean	4.05	4.08	4.04	3.99	3.83
			S.E.	0.05	0.05	0.07	0.06	0.05
		Native American	Mean	4.18	4.21	4.08	4.22	3.94
			S.E.	0.09	0.11	0.10	0.03	0.17
		STUDENT PROGRAM						
		Academic	Mean	4.25	4.33	4.29	4.28	4.25
			S.E.	0.03	0.04	0.03	0.03	0.02
		Vocational	Mean	3.41	3.67	3.58	3.65	3.53
			S.E.	0.07	0.04	0.05	0.03	0.03
		Both	Mean	4.17	4.26	4.16	4.21	4.34
			S.E.	0.05	0.04	0.02	0.03	0.06
		Neither	Mean	3.25	3.52	3.52	3.62	3.60
			S.E.	0.07	0.06	0.09	0.03	0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates	
English	COMMUNITY TYPE						
	Urban	Mean S.E.	4.23 0.04	. .	. .	. .	
	Suburban	Mean S.E.	4.06 0.05	. .	. .	. .	
	Rural	Mean S.E.	4.17 0.09	. .	. .	. .	
	Big City	Mean S.E.	. .	4.39 0.10	4.24 0.09	4.05 0.04	. .
	Urban Fringe	Mean S.E.	. .	4.10 0.04	4.10 0.05	4.07 0.06	. .
	Medium City	Mean S.E.	. .	4.23 0.07	4.14 0.04	4.03 0.03	. .
	Small Place	Mean S.E.	. .	4.25 0.05	4.10 0.05	4.11 0.04	. .
	PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean S.E.	4.13 0.04	4.20 0.03	4.09 0.03	4.06 0.02	3.90 0.02
	Nonpublic	Mean S.E.	4.33 0.07	4.61 0.21	4.44 0.08	4.26 0.08	4.15 0.07
	CENSUS REGION						
	Northeast	Mean S.E.	4.09 0.15	4.26 0.11	4.17 0.07	4.10 0.04	4.04 0.04
	South	Mean S.E.	4.29 0.05	4.34 0.03	4.29 0.02	4.20 0.03	4.07 0.03
	Midwest	Mean S.E.	4.04 0.06	4.12 0.06	3.92 0.09	3.96 0.07	3.75 0.05
	West	Mean S.E.	4.10 0.05	4.13 0.09	4.06 0.06	4.04 0.03	3.82 0.05



Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982	
			Graduates	Graduates	Graduates	Graduates	Graduates	
Social Studies	ALL GRADUATES	Mean	3.78	3.59	3.52	3.39	3.24	
		S.E.	0.04	0.04	0.04	0.04	0.04	
		GENDER						
		Male	Mean	3.73	3.56	3.49	3.38	3.24
			S.E.	0.04	0.04	0.04	0.04	0.04
		Female	Mean	3.84	3.63	3.54	3.40	3.24
			S.E.	0.04	0.04	0.04	0.04	0.04
		RACE/ETHNICITY						
		White	Mean	3.79	3.59	3.50	3.36	3.28
			S.E.	0.05	0.05	0.05	0.04	0.04
		Black	Mean	3.73	3.54	3.52	3.38	3.13
			S.E.	0.05	0.04	0.05	0.07	0.05
		Hispanic	Mean	3.65	3.52	3.49	3.30	3.09
			S.E.	0.05	0.04	0.08	0.08	0.04
		Asian/Pacific Islander	Mean	3.94	3.74	3.72	3.70	3.16
			S.E.	0.09	0.10	0.12	0.17	0.11
		Native American	Mean	3.68	3.79	3.28	3.22	3.17
			S.E.	0.10	0.20	0.11	0.04	0.14
		STUDENT PROGRAM						
		Academic	Mean	3.91	3.75	3.73	3.68	3.58
			S.E.	0.04	0.04	0.04	0.04	0.04
		Vocational	Mean	2.94	2.78	2.75	2.76	2.80
			S.E.	0.07	0.07	0.04	0.04	0.03
		Both	Mean	3.70	3.50	3.50	3.50	3.75
			S.E.	0.03	0.03	0.04	0.04	0.11
		Neither	Mean	3.05	2.84	2.97	2.85	2.90
			S.E.	0.08	0.06	0.04	0.03	0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates	
Social Studies	COMMUNITY TYPE						
	Urban	Mean S.E.	3.76 0.06	. .	. .	. .	
	Suburban	Mean S.E.	3.84 0.04	. .	. .	. .	
	Rural	Mean S.E.	3.74 0.09	. .	. .	. .	
	Big City	Mean S.E.	. .	3.57 0.06	3.67 0.11	3.55 0.08	. .
	Urban Fringe	Mean S.E.	. .	3.68 0.06	3.58 0.07	3.46 0.07	. .
	Medium City	Mean S.E.	. .	3.59 0.09	3.57 0.08	3.32 0.08	. .
	Small Place	Mean S.E.	. .	3.55 0.07	3.43 0.07	3.32 0.06	. .
	PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean S.E.	3.79 0.04	3.58 0.04	3.50 0.04	3.37 0.04	3.19 0.04
	Nonpublic	Mean S.E.	3.71 0.16	3.71 0.14	3.72 0.10	3.58 0.12	3.63 0.09
	CENSUS REGION						
	Northeast	Mean S.E.	4.25 0.12	3.97 0.10	3.66 0.13	3.63 0.09	3.42 0.06
	South	Mean S.E.	3.77 0.05	3.53 0.04	3.47 0.05	3.36 0.07	3.09 0.03
	Midwest	Mean S.E.	3.56 0.09	3.42 0.10	3.41 0.07	3.23 0.08	3.25 0.06
	West	Mean S.E.	3.68 0.07	3.66 0.10	3.59 0.08	3.41 0.08	3.28 0.06

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982	
			Graduates	Graduates	Graduates	Graduates	Graduates	
Fine Arts	ALL GRADUATES	Mean	1.89	1.64	1.52	1.42	1.44	
		S.E.	0.08	0.04	0.04	0.04	0.03	
		GENDER						
		Male	Mean	1.61	1.41	1.29	1.22	1.27
			S.E.	0.07	0.04	0.04	0.05	0.04
		Female	Mean	2.14	1.86	1.74	1.60	1.60
			S.E.	0.09	0.05	0.05	0.05	0.04
		RACE/ETHNICITY						
		White	Mean	1.97	1.72	1.58	1.47	1.49
			S.E.	0.07	0.05	0.05	0.06	0.04
		Black	Mean	1.56	1.37	1.34	1.18	1.23
			S.E.	0.15	0.07	0.05	0.05	0.06
		Hispanic	Mean	1.82	1.50	1.47	1.36	1.30
			S.E.	0.12	0.04	0.07	0.05	0.05
		Asian/Pacific Islander	Mean	1.60	1.35	1.32	1.11	1.28
			S.E.	0.07	0.10	0.08	0.07	0.13
		Native American	Mean	1.92	1.95	1.05	1.59	1.23
			S.E.	0.16	0.34	0.14	0.11	0.25
		STUDENT PROGRAM						
		Academic	Mean	2.13	1.84	1.68	1.55	1.44
			S.E.	0.09	0.05	0.05	0.05	0.04
		Vocational	Mean	1.10	0.97	1.01	0.97	1.02
			S.E.	0.06	0.07	0.09	0.06	0.05
		Both	Mean	1.12	1.06	0.92	0.83	0.88
			S.E.	0.04	0.04	0.04	0.05	0.05
		Neither	Mean	2.14	1.91	2.06	2.08	2.01
			S.E.	0.12	0.09	0.08	0.06	0.06

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates	
Fine Arts	COMMUNITY TYPE						
	Urban	Mean S.E.	1.97 0.21	. .	. .	. .	
	Suburban	Mean S.E.	1.87 0.06	. .	. .	. .	
	Rural	Mean S.E.	1.83 0.09	. .	. .	. .	
	Big City	Mean S.E.	. .	1.52 0.09	1.51 0.08	1.43 0.08	. .
	Urban Fringe	Mean S.E.	. .	1.68 0.05	1.45 0.06	1.31 0.06	. .
	Medium City	Mean S.E.	. .	1.58 0.07	1.63 0.12	1.48 0.10	. .
	Small Place	Mean S.E.	. .	1.69 0.07	1.54 0.07	1.46 0.09	. .
	PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean S.E.	1.90 0.08	1.66 0.04	1.55 0.04	1.43 0.04	1.46 0.04
	Nonpublic	Mean S.E.	1.82 0.20	1.46 0.14	1.28 0.07	1.24 0.13	1.24 0.12
	CENSUS REGION						
	Northeast	Mean S.E.	1.76 0.16	1.58 0.10	1.50 0.11	1.26 0.08	1.26 0.06
	South	Mean S.E.	1.89 0.16	1.56 0.05	1.38 0.05	1.24 0.07	1.27 0.05
	Midwest	Mean S.E.	1.89 0.14	1.73 0.10	1.62 0.09	1.64 0.10	1.64 0.06
	West	Mean S.E.	2.01 0.07	1.74 0.09	1.67 0.06	1.57 0.09	1.64 0.07

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
Foreign Languages	ALL GRADUATES	Mean	2.00	1.83	1.66	1.49	1.08
		S.E.	0.04	0.03	0.04	0.05	0.03
	GENDER						
	Male	Mean	1.78	1.60	1.46	1.30	0.89
		S.E.	0.05	0.04	0.04	0.05	0.03
	Female	Mean	2.19	2.04	1.84	1.67	1.26
		S.E.	0.05	0.03	0.05	0.06	0.03
	RACE/ETHNICITY						
	White	Mean	1.96	1.82	1.66	1.48	1.15
		S.E.	0.05	0.04	0.05	0.06	0.03
	Black	Mean	1.65	1.39	1.27	1.14	0.76
		S.E.	0.06	0.05	0.08	0.09	0.06
	Hispanic	Mean	2.24	2.16	2.03	1.68	0.85
		S.E.	0.05	0.08	0.14	0.10	0.04
	Asian/Pacific Islander	Mean	2.66	2.66	2.57	2.56	1.99
		S.E.	0.19	0.14	0.24	0.12	0.11
	Native American	Mean	1.41	1.27	1.26	0.79	1.31
		S.E.	0.12	0.15	0.18	0.15	0.22
	STUDENT PROGRAM						
	Academic	Mean	2.29	2.17	2.08	2.01	1.74
		S.E.	0.04	0.04	0.04	0.06	0.04
	Vocational	Mean	0.59	0.54	0.55	0.50	0.37
		S.E.	0.06	0.04	0.05	0.03	0.02
	Both	Mean	1.37	1.19	1.01	0.91	0.60
		S.E.	0.04	0.04	0.05	0.05	0.05
	Neither	Mean	1.50	1.31	1.19	1.18	0.80
		S.E.	0.11	0.08	0.07	0.09	0.04

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates	
Foreign Languages	COMMUNITY TYPE						
	Urban	Mean S.E.	2.14 0.08	. .	. .	. .	
	Suburban	Mean S.E.	2.14 0.08	. .	. .	. .	
	Rural	Mean S.E.	1.67 0.08	. .	. .	. .	
	Big City	Mean S.E.	. .	2.13 0.09	2.02 0.11	1.91 0.13	. .
	Urban Fringe	Mean S.E.	. .	2.21 0.06	1.94 0.08	1.68 0.06	. .
	Medium City	Mean S.E.	. .	1.86 0.09	1.72 0.09	1.57 0.14	. .
	Small Place	Mean S.E.	. .	1.46 0.05	1.39 0.06	1.19 0.08	. .
	PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean S.E.	1.92 0.04	1.77 0.03	1.59 0.05	1.39 0.05	0.97 0.03
	Nonpublic	Mean S.E.	2.82 0.17	2.52 0.13	2.33 0.09	2.43 0.17	2.01 0.09
	CENSUS REGION						
	Northeast	Mean S.E.	2.51 0.13	2.48 0.07	2.14 0.05	2.18 0.14	1.71 0.06
	South	Mean S.E.	1.92 0.07	1.53 0.06	1.40 0.06	1.18 0.07	0.78 0.04
	Midwest	Mean S.E.	1.79 0.09	1.78 0.07	1.43 0.09	1.22 0.08	0.88 0.04
	West	Mean S.E.	1.94 0.09	1.99 0.07	1.90 0.12	1.56 0.06	1.13 0.06

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
Computer-related Studies	ALL GRADUATES	Mean	0.75	0.65	0.54	0.49	0.14
		S.E.	0.03	0.02	0.02	0.02	0.01
		GENDER					
	Male	Mean	0.80	0.65	0.51	0.50	0.16
		S.E.	0.03	0.03	0.02	0.02	0.01
	Female	Mean	0.71	0.64	0.56	0.47	0.12
		S.E.	0.03	0.03	0.02	0.02	0.01
		RACE/ETHNICITY					
	White	Mean	0.74	0.64	0.53	0.49	0.14
		S.E.	0.03	0.03	0.02	0.02	0.01
	Black	Mean	0.85	0.65	0.61	0.42	0.16
		S.E.	0.06	0.04	0.05	0.03	0.03
	Hispanic	Mean	0.74	0.75	0.59	0.45	0.10
		S.E.	0.04	0.04	0.05	0.02	0.01
	Asian/Pacific Islander	Mean	0.70	0.71	0.55	0.61	0.22
		S.E.	0.05	0.03	0.04	0.03	0.05
	Native American	Mean	0.70	0.74	0.60	0.44	0.08
		S.E.	0.06	0.21	0.11	0.04	0.03
		STUDENT PROGRAM					
	Academic	Mean	0.67	0.60	0.52	0.50	0.14
		S.E.	0.03	0.02	0.02	0.02	0.01
	Vocational	Mean	0.79	0.65	0.53	0.46	0.17
		S.E.	0.06	0.05	0.05	0.04	0.02
	Both	Mean	1.08	0.85	0.70	0.63	0.22
		S.E.	0.06	0.04	0.03	0.04	0.03
	Neither	Mean	0.55	0.45	0.41	0.30	0.09
		S.E.	0.03	0.03	0.03	0.02	0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				1998	1994	1990	1987	1982
				Graduates	Graduates	Graduates	Graduates	Graduates
Computer-related Studies		COMMUNITY TYPE						
	Urban	Mean	0.66	.	.	.	.	.
		S.E.	0.05	.	.	.	.	.
	Suburban	Mean	0.72	.	.	.	.	.
		S.E.	0.04	.	.	.	.	.
	Rural	Mean	0.87	.	.	.	.	.
		S.E.	0.06	.	.	.	.	.
	Big City	Mean	.	0.56	0.61	0.44	.	.
		S.E.	.	0.03	0.05	0.03	.	.
	Urban Fringe	Mean	.	0.66	0.50	0.50	.	.
		S.E.	.	0.04	0.04	0.03	.	.
	Medium City	Mean	.	0.62	0.49	0.47	.	.
		S.E.	.	0.05	0.05	0.03	.	.
	Small Place	Mean	.	0.68	0.56	0.50	.	.
		S.E.	.	0.04	0.03	0.04	.	.
		PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean	0.76	0.65	0.55	0.49	0.14	
		S.E.	0.03	0.02	0.02	0.02	0.01	
	Nonpublic	Mean	0.65	0.59	0.49	0.45	0.10	
		S.E.	0.08	0.06	0.03	0.06	0.02	
		CENSUS REGION						
	Northeast	Mean	0.70	0.67	0.64	0.56	0.17	
		S.E.	0.07	0.07	0.04	0.05	0.01	
	South	Mean	0.96	0.74	0.57	0.45	0.10	
		S.E.	0.06	0.03	0.03	0.04	0.01	
	Midwest	Mean	0.69	0.57	0.49	0.49	0.17	
		S.E.	0.06	0.05	0.05	0.03	0.01	
	West	Mean	0.54	0.53	0.45	0.44	0.11	
		S.E.	0.03	0.03	0.04	0.03	0.02	



Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
Consumer & Homemaking Education	ALL GRADUATES	Mean	0.47	0.50	0.54	0.56	0.65
		S.E.	0.03	0.03	0.02	0.03	0.01
	GENDER						
	Male	Mean	0.33	0.33	0.31	0.30	0.29
		S.E.	0.03	0.03	0.02	0.02	0.01
	Female	Mean	0.62	0.66	0.75	0.81	0.98
		S.E.	0.04	0.03	0.04	0.04	0.02
	RACE/ETHNICITY						
	White	Mean	0.47	0.49	0.51	0.55	0.60
		S.E.	0.04	0.03	0.03	0.04	0.01
	Black	Mean	0.68	0.61	0.78	0.72	0.88
		S.E.	0.06	0.04	0.06	0.03	0.05
	Hispanic	Mean	0.48	0.46	0.51	0.55	0.83
		S.E.	0.06	0.03	0.06	0.02	0.05
	Asian/Pacific Islander	Mean	0.29	0.33	0.30	0.30	0.30
		S.E.	0.03	0.06	0.03	0.05	0.03
	Native American	Mean	0.54	0.61	0.71	0.65	0.60
		S.E.	0.09	0.09	0.11	0.05	0.11
	STUDENT PROGRAM						
	Academic	Mean	0.45	0.45	0.47	0.45	0.42
		S.E.	0.03	0.03	0.03	0.03	0.01
	Vocational	Mean	0.57	0.70	0.62	0.66	0.64
		S.E.	0.07	0.07	0.03	0.05	0.03
	Both	Mean	0.44	0.48	0.49	0.46	0.55
		S.E.	0.04	0.03	0.03	0.04	0.07
	Neither	Mean	0.82	0.91	0.97	1.01	1.08
		S.E.	0.07	0.06	0.08	0.06	0.03

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				1998	1994	1990	1987	1982
				Graduates	Graduates	Graduates	Graduates	Graduates
Consumer & Homemaking Education		COMMUNITY TYPE						
	Urban	Mean	0.34	.	.	.	.	.
		S.E.	0.05	.	.	.	.	.
	Suburban	Mean	0.43	.	.	.	.	.
		S.E.	0.03	.	.	.	.	.
	Rural	Mean	0.66	.	.	.	.	.
		S.E.	0.08	.	.	.	.	.
	Big City	Mean	.	0.32	0.40	0.39	.	.
		S.E.	.	0.03	0.05	0.03	.	.
	Urban Fringe	Mean	.	0.43	0.43	0.51	.	.
		S.E.	.	0.04	0.03	0.03	.	.
	Medium City	Mean	.	0.42	0.50	0.51	.	.
		S.E.	.	0.04	0.04	0.04	.	.
	Small Place	Mean	.	0.64	0.65	0.67	.	.
		S.E.	.	0.05	0.04	0.06	.	.
		PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean	0.51	0.52	0.57	0.59	0.69	
		S.E.	0.03	0.03	0.03	0.03	0.01	
	Nonpublic	Mean	0.11	0.20	0.18	0.23	0.31	
		S.E.	0.04	0.06	0.03	0.08	0.04	
		CENSUS REGION						
	Northeast	Mean	0.30	0.32	0.35	0.35	0.40	
		S.E.	0.08	0.04	0.04	0.04	0.03	
	South	Mean	0.54	0.54	0.68	0.61	0.71	
		S.E.	0.06	0.06	0.05	0.05	0.04	
	Midwest	Mean	0.55	0.59	0.59	0.70	0.81	
		S.E.	0.07	0.05	0.04	0.07	0.03	
	West	Mean	0.43	0.41	0.44	0.50	0.62	
		S.E.	0.04	0.03	0.04	0.03	0.03	

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
General Labor Market Preparation	ALL GRADUATES	Mean	0.60	0.67	0.81	0.89	1.04
		S.E.	0.03	0.02	0.02	0.03	0.02
GENDER							
	Male	Mean	0.62	0.71	0.76	0.85	0.99
		S.E.	0.03	0.03	0.03	0.03	0.03
	Female	Mean	0.59	0.63	0.85	0.92	1.08
		S.E.	0.03	0.02	0.03	0.02	0.02
RACE/ETHNICITY							
	White	Mean	0.58	0.67	0.79	0.89	1.01
		S.E.	0.03	0.03	0.03	0.03	0.03
	Black	Mean	0.71	0.76	0.94	1.00	1.09
		S.E.	0.05	0.04	0.05	0.03	0.05
	Hispanic	Mean	0.66	0.64	0.84	0.93	1.18
		S.E.	0.05	0.04	0.04	0.05	0.05
	Asian/Pacific Islander	Mean	0.60	0.53	0.70	0.61	1.01
		S.E.	0.12	0.06	0.11	0.07	0.10
	Native American	Mean	0.55	0.81	0.92	0.89	0.87
		S.E.	0.06	0.09	0.17	0.08	0.11
STUDENT PROGRAM							
	Academic	Mean	0.52	0.58	0.71	0.77	0.82
		S.E.	0.03	0.02	0.02	0.03	0.02
	Vocational	Mean	1.17	1.01	1.03	1.06	1.11
		S.E.	0.11	0.05	0.06	0.03	0.05
	Both	Mean	0.61	0.71	0.81	0.90	0.94
		S.E.	0.04	0.03	0.03	0.04	0.04
	Neither	Mean	1.21	1.31	1.23	1.16	1.36
		S.E.	0.13	0.08	0.08	0.05	0.05

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates	
General Labor Market Preparation	COMMUNITY TYPE						
	Urban	Mean S.E.	0.49 0.05	. .	. .	. .	
	Suburban	Mean S.E.	0.51 0.03	. .	. .	. .	
	Rural	Mean S.E.	0.81 0.07	. .	. .	. .	
	Big City	Mean S.E.	. .	0.58 0.05	0.75 0.05	0.86 0.06	. .
	Urban Fringe	Mean S.E.	. .	0.51 0.04	0.76 0.04	0.74 0.04	. .
	Medium City	Mean S.E.	. .	0.58 0.04	0.80 0.10	0.85 0.06	. .
	Small Place	Mean S.E.	. .	0.84 0.04	0.86 0.04	1.01 0.05	. .
	PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean S.E.	0.63 0.03	0.70 0.02	0.83 0.03	0.92 0.03	1.08 0.03
	Nonpublic	Mean S.E.	0.28 0.08	0.40 0.06	0.63 0.07	0.57 0.07	0.70 0.06
	CENSUS REGION						
	Northeast	Mean S.E.	0.49 0.03	0.62 0.06	0.77 0.05	0.76 0.06	0.98 0.03
	South	Mean S.E.	0.60 0.06	0.70 0.04	0.81 0.03	0.95 0.03	1.06 0.04
	Midwest	Mean S.E.	0.67 0.06	0.71 0.04	0.87 0.06	0.93 0.07	0.99 0.05
	West	Mean S.E.	0.61 0.06	0.60 0.04	0.78 0.03	0.86 0.02	1.15 0.05

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
Specific Labor Market Preparation							
Agriculture/Renewable Resources	ALL GRADUATES	Mean	0.19	0.22	0.18	0.19	0.20
		S.E.	0.03	0.02	0.02	0.03	0.01
		GENDER					
Male		Mean	0.25	0.35	0.29	0.32	0.33
		S.E.	0.04	0.03	0.04	0.05	0.02
Female		Mean	0.13	0.10	0.08	0.07	0.07
		S.E.	0.02	0.01	0.01	0.01	0.01
		RACE/ETHNICITY					
White		Mean	0.22	0.25	0.22	0.23	0.21
		S.E.	0.04	0.03	0.03	0.04	0.02
Black		Mean	0.09	0.13	0.06	0.09	0.09
		S.E.	0.02	0.03	0.01	0.01	0.02
Hispanic		Mean	0.15	0.12	0.14	0.06	0.22
		S.E.	0.04	0.02	0.03	0.02	0.03
Asian/Pacific Islander		Mean	0.09	0.12	0.04	0.12	0.05
		S.E.	0.03	0.05	0.02	0.12	0.02
Native American		Mean	0.18	0.35	0.32	0.21	0.12
		S.E.	0.04	0.14	0.10	0.04	0.06
		STUDENT PROGRAM					
Academic		Mean	0.07	0.07	0.05	0.04	0.05
		S.E.	0.01	0.01	0.01	0.01	0.01
Vocational		Mean	0.58	0.79	0.69	0.51	0.49
		S.E.	0.12	0.11	0.09	0.08	0.06
Both		Mean	0.54	0.60	0.43	0.46	0.40
		S.E.	0.10	0.06	0.07	0.10	0.08
Neither		Mean	0.16	0.17	0.13	0.10	0.10
		S.E.	0.02	0.02	0.02	0.01	0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Specific Labor Market Preparation						
Agriculture/Renewable Resources	COMMUNITY TYPE					
	Urban	Mean 0.05 S.E. 0.01	. .	. .	. .	. .
	Suburban	Mean 0.11 S.E. 0.02	. .	. .	. .	. .
	Rural	Mean 0.42 S.E. 0.09	. .	. .	. .	. .
	Big City	Mean . S.E. .	0.04 0.01	0.04 0.01	0.04 0.01	. .
	Urban Fringe	Mean . S.E. .	0.04 0.01	0.03 0.01	0.04 0.01	. .
	Medium City	Mean . S.E. .	0.10 0.03	0.04 0.01	0.11 0.03	. .
	Small Place	Mean . S.E. .	0.45 0.05	0.34 0.04	0.37 0.07	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.20 S.E. 0.03	0.24 0.02	0.20 0.02	0.21 0.03	0.22 0.02
	Nonpublic	Mean 0.00 S.E. 0.00	0.01 0.01	0.02 0.01	0.01 0.01	0.02 0.01
	CENSUS REGION					
	Northeast	Mean 0.02 S.E. 0.01	0.03 0.02	0.10 0.03	0.06 0.04	0.06 0.01
	South	Mean 0.30 S.E. 0.05	0.32 0.04	0.29 0.05	0.29 0.05	0.28 0.04
	Midwest	Mean 0.19 S.E. 0.09	0.24 0.05	0.16 0.04	0.23 0.07	0.23 0.02
	West	Mean 0.15 S.E. 0.04	0.14 0.03	0.12 0.03	0.12 0.01	0.18 0.04

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
Specific Labor Market Preparation							
Business	ALL GRADUATES	Mean	0.66	0.86	0.87	0.95	1.01
		S.E.	0.03	0.03	0.03	0.04	0.02
		GENDER					
Male		Mean	0.55	0.66	0.58	0.57	0.49
		S.E.	0.03	0.02	0.03	0.02	0.02
Female		Mean	0.76	1.05	1.15	1.31	1.49
		S.E.	0.04	0.04	0.05	0.05	0.03
		RACE/ETHNICITY					
White		Mean	0.65	0.85	0.85	0.95	1.04
		S.E.	0.04	0.03	0.03	0.04	0.02
Black		Mean	0.81	1.00	1.06	0.98	0.97
		S.E.	0.08	0.05	0.08	0.06	0.07
Hispanic		Mean	0.61	0.91	0.93	0.91	0.97
		S.E.	0.05	0.06	0.10	0.04	0.06
Asian/Pacific Islander		Mean	0.62	0.67	0.64	0.64	0.57
		S.E.	0.04	0.04	0.05	0.08	0.09
Native American		Mean	0.61	0.92	1.04	1.09	0.79
		S.E.	0.08	0.19	0.11	0.09	0.20
		STUDENT PROGRAM					
Academic		Mean	0.52	0.63	0.58	0.59	0.49
		S.E.	0.02	0.02	0.02	0.02	0.02
Vocational		Mean	0.75	1.45	1.60	1.69	1.88
		S.E.	0.06	0.12	0.11	0.09	0.07
Both		Mean	1.18	1.52	1.62	1.62	1.70
		S.E.	0.08	0.06	0.08	0.07	0.08
Neither		Mean	0.58	0.71	0.77	0.78	0.84
		S.E.	0.05	0.04	0.03	0.03	0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Specific Labor Market Preparation						
Business	COMMUNITY TYPE					
	Urban	Mean 0.55 S.E. 0.07	.	.	.	.
	Suburban	Mean 0.60 S.E. 0.03	.	.	.	.
	Rural	Mean 0.84 S.E. 0.05	.	.	.	.
	Big City	Mean . S.E. .	0.72 0.06	0.90 0.13	0.88 0.06	. .
	Urban Fringe	Mean . S.E. .	0.81 0.06	0.73 0.05	0.87 0.04	. .
	Medium City	Mean . S.E. .	0.80 0.07	0.87 0.07	0.85 0.07	. .
	Small Place	Mean . S.E. .	0.96 0.04	0.95 0.04	1.05 0.07	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.70 S.E. 0.03	0.89 0.03	0.90 0.04	0.98 0.03	1.05 0.02
	Nonpublic	Mean 0.28 S.E. 0.08	0.50 0.09	0.61 0.07	0.60 0.07	0.72 0.06
	CENSUS REGION					
	Northeast	Mean 0.69 S.E. 0.10	0.86 0.10	0.93 0.10	1.03 0.10	0.96 0.06
	South	Mean 0.79 S.E. 0.07	0.92 0.04	0.87 0.04	0.89 0.06	1.00 0.03
	Midwest	Mean 0.61 S.E. 0.04	0.93 0.06	1.02 0.06	1.07 0.05	1.20 0.04
	West	Mean 0.49 S.E. 0.03	0.59 0.05	0.61 0.05	0.74 0.05	0.78 0.05



Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
Specific Labor Market Preparation							
Marketing & Distribution	ALL GRADUATES	Mean	0.15	0.17	0.15	0.15	0.14
		S.E.	0.01	0.01	0.01	0.01	0.01
	GENDER						
	Male	Mean	0.14	0.13	0.12	0.12	0.13
		S.E.	0.01	0.01	0.01	0.01	0.01
	Female	Mean	0.17	0.20	0.17	0.18	0.16
		S.E.	0.02	0.02	0.01	0.02	0.01
	RACE/ETHNICITY						
	White	Mean	0.14	0.18	0.15	0.15	0.14
		S.E.	0.01	0.02	0.01	0.01	0.01
	Black	Mean	0.24	0.20	0.17	0.17	0.21
		S.E.	0.03	0.03	0.02	0.02	0.03
	Hispanic	Mean	0.18	0.14	0.18	0.16	0.15
		S.E.	0.02	0.02	0.02	0.03	0.02
	Asian/Pacific Islander	Mean	0.14	0.09	0.05	0.10	0.04
		S.E.	0.02	0.01	0.01	0.05	0.02
	Native American	Mean	0.13	0.05	0.14	0.09	0.16
		S.E.	0.03	0.02	0.05	0.04	0.08
	STUDENT PROGRAM						
	Academic	Mean	0.08	0.08	0.06	0.06	0.04
		S.E.	0.01	0.01	0.01	0.01	0.00
	Vocational	Mean	0.35	0.38	0.32	0.38	0.29
		S.E.	0.07	0.06	0.05	0.05	0.03
	Both	Mean	0.36	0.41	0.37	0.25	0.26
		S.E.	0.04	0.04	0.05	0.03	0.04
	Neither	Mean	0.16	0.19	0.16	0.17	0.14
		S.E.	0.03	0.04	0.02	0.01	0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Specific Labor Market Preparation						
Marketing & Distribution	COMMUNITY TYPE					
	Urban	Mean 0.18 S.E. 0.03	. .	. .	. .	. .
	Suburban	Mean 0.19 S.E. 0.03	. .	. .	. .	. .
	Rural	Mean 0.07 S.E. 0.02	. .	. .	. .	. .
	Big City	Mean . S.E. .	0.16 0.02	0.16 0.03	0.16 0.02	. .
	Urban Fringe	Mean . S.E. .	0.16 0.03	0.15 0.02	0.15 0.02	. .
	Medium City	Mean . S.E. .	0.19 0.03	0.19 0.04	0.19 0.02	. .
	Small Place	Mean . S.E. .	0.17 0.02	0.13 0.02	0.14 0.02	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.17 S.E. 0.01	0.18 0.01	0.16 0.01	0.17 0.01	0.16 0.01
	Nonpublic	Mean 0.00 S.E. 0.00	0.02 0.02	0.02 0.01	0.02 0.01	0.04 0.02
	CENSUS REGION					
	Northeast	Mean 0.08 S.E. 0.03	0.11 0.04	0.12 0.02	0.10 0.02	0.13 0.02
	South	Mean 0.20 S.E. 0.03	0.21 0.02	0.22 0.02	0.19 0.02	0.18 0.02
	Midwest	Mean 0.15 S.E. 0.03	0.17 0.02	0.12 0.02	0.15 0.02	0.16 0.01
	West	Mean 0.15 S.E. 0.02	0.11 0.02	0.10 0.02	0.16 0.04	0.08 0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				1998	1994	1990	1987	1982
				Graduates	Graduates	Graduates	Graduates	Graduates
Specific Labor Market Preparation								
Health	ALL GRADUATES	Mean		0.13	0.07	0.04	0.06	0.05
		S.E.		0.03	0.01	0.00	0.01	0.00
GENDER								
Male		Mean		0.05	0.03	0.02	0.02	0.02
		S.E.		0.02	0.00	0.00	0.00	0.00
Female		Mean		0.20	0.12	0.06	0.10	0.07
		S.E.		0.04	0.01	0.01	0.01	0.01
RACE/ETHNICITY								
White		Mean		0.10	0.07	0.04	0.06	0.04
		S.E.		0.01	0.01	0.01	0.01	0.00
Black		Mean		0.29	0.11	0.04	0.12	0.12
		S.E.		0.10	0.02	0.01	0.02	0.03
Hispanic		Mean		0.15	0.06	0.02	0.06	0.06
		S.E.		0.07	0.01	0.01	0.01	0.02
Asian/Pacific Islander		Mean		0.15	0.05	0.01	0.04	0.03
		S.E.		0.09	0.01	0.00	0.01	0.01
Native American		Mean		0.06	0.15	0.02	0.08	0.01
		S.E.		0.03	0.07	0.02	0.01	0.01
STUDENT PROGRAM								
Academic		Mean		0.05	0.04	0.01	0.03	0.02
		S.E.		0.01	0.01	0.00	0.00	0.00
Vocational		Mean		0.17	0.17	0.11	0.14	0.09
		S.E.		0.04	0.03	0.02	0.02	0.02
Both		Mean		0.43	0.16	0.08	0.12	0.10
		S.E.		0.12	0.02	0.01	0.02	0.02
Neither		Mean		0.06	0.06	0.03	0.05	0.03
		S.E.		0.01	0.01	0.01	0.01	0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Specific Labor Market Preparation						
Health	COMMUNITY TYPE					
	Urban	Mean 0.20 S.E. 0.08	. .	. .	. .	. .
	Suburban	Mean 0.09 S.E. 0.01	. .	. .	. .	. .
	Rural	Mean 0.11 S.E. 0.02	. .	. .	. .	. .
	Big City	Mean . S.E. .	0.05 0.01	0.02 0.00	0.09 0.02	. .
	Urban Fringe	Mean . S.E. .	0.08 0.02	0.02 0.01	0.05 0.01	. .
	Medium City	Mean . S.E. .	0.10 0.02	0.03 0.01	0.07 0.02	. .
	Small Place	Mean . S.E. .	0.07 0.01	0.05 0.01	0.06 0.01	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.14 S.E. 0.03	0.08 0.01	0.04 0.01	0.07 0.01	0.05 0.01
	Nonpublic	Mean 0.01 S.E. 0.00	0.01 0.01	0.00 0.00	0.01 0.00	0.01 0.00
	CENSUS REGION					
	Northeast	Mean 0.08 S.E. 0.04	0.07 0.02	0.02 0.00	0.05 0.01	0.05 0.01
	South	Mean 0.23 S.E. 0.07	0.10 0.01	0.05 0.01	0.07 0.01	0.06 0.01
	Midwest	Mean 0.07 S.E. 0.02	0.06 0.01	0.05 0.01	0.07 0.01	0.03 0.01
	West	Mean 0.08 S.E. 0.02	0.04 0.01	0.02 0.01	0.05 0.01	0.04 0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				1998	1994	1990	1987	1982
				Graduates	Graduates	Graduates	Graduates	Graduates
Specific Labor Market Preparation								
Occupational Home Economics	ALL GRADUATES	Mean		0.18	0.18	0.16	0.18	0.16
		S.E.		0.01	0.01	0.01	0.02	0.01
		GENDER						
Male		Mean		0.08	0.07	0.06	0.08	0.05
		S.E.		0.01	0.01	0.01	0.01	0.01
Female		Mean		0.27	0.28	0.25	0.28	0.27
		S.E.		0.02	0.02	0.02	0.03	0.02
		RACE/ETHNICITY						
White		Mean		0.16	0.15	0.14	0.17	0.15
		S.E.		0.01	0.01	0.01	0.02	0.01
Black		Mean		0.28	0.37	0.26	0.27	0.22
		S.E.		0.04	0.03	0.04	0.03	0.04
Hispanic		Mean		0.21	0.24	0.25	0.16	0.18
		S.E.		0.04	0.03	0.03	0.03	0.02
Asian/Pacific Islander		Mean		0.12	0.10	0.04	0.10	0.05
		S.E.		0.02	0.03	0.01	0.03	0.02
Native American		Mean		0.14	0.13	0.07	0.09	0.16
		S.E.		0.05	0.06	0.04	0.04	0.06
		STUDENT PROGRAM						
Academic		Mean		0.10	0.08	0.06	0.05	0.05
		S.E.		0.01	0.01	0.01	0.00	0.00
Vocational		Mean		0.56	0.55	0.51	0.55	0.35
		S.E.		0.10	0.07	0.07	0.06	0.04
Both		Mean		0.39	0.41	0.33	0.26	0.27
		S.E.		0.04	0.04	0.04	0.04	0.05
Neither		Mean		0.19	0.20	0.14	0.18	0.15
		S.E.		0.02	0.03	0.02	0.02	0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Specific Labor Market Preparation						
Occupational Home Economics	COMMUNITY TYPE					
	Urban	Mean 0.19 S.E. 0.02	. .	. .	. .	. .
	Suburban	Mean 0.18 S.E. 0.02	. .	. .	. .	. .
	Rural	Mean 0.16 S.E. 0.02	. .	. .	. .	. .
	Big City	Mean . S.E. .	0.17 0.03	0.17 0.03	0.17 0.02	. .
	Urban Fringe	Mean . S.E. .	0.11 0.02	0.12 0.02	0.16 0.02	. .
	Medium City	Mean . S.E. .	0.22 0.03	0.20 0.04	0.16 0.03	. .
	Small Place	Mean . S.E. .	0.21 0.02	0.16 0.02	0.21 0.03	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.19 S.E. 0.01	0.19 0.01	0.17 0.01	0.19 0.01	0.18 0.01
	Nonpublic	Mean 0.04 S.E. 0.02	0.01 0.01	0.01 0.00	0.08 0.07	0.05 0.01
	CENSUS REGION					
	Northeast	Mean 0.18 S.E. 0.04	0.14 0.04	0.12 0.02	0.16 0.04	0.11 0.02
	South	Mean 0.19 S.E. 0.02	0.24 0.02	0.22 0.03	0.23 0.04	0.20 0.03
	Midwest	Mean 0.13 S.E. 0.02	0.13 0.01	0.14 0.02	0.18 0.02	0.16 0.01
	West	Mean 0.22 S.E. 0.03	0.13 0.02	0.11 0.02	0.12 0.02	0.16 0.03

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				1998	1994	1990	1987	1982
				Graduates	Graduates	Graduates	Graduates	Graduates
Specific Labor Market Preparation								
Trade & Industry	ALL GRADUATES	Mean		0.72	0.69	0.81	0.91	0.97
		S.E.		0.04	0.04	0.04	0.04	0.03
		GENDER						
Male		Mean		1.26	1.25	1.46	1.63	1.83
		S.E.		0.08	0.08	0.06	0.08	0.06
Female		Mean		0.21	0.16	0.21	0.21	0.19
		S.E.		0.01	0.01	0.02	0.01	0.01
		RACE/ETHNICITY						
White		Mean		0.77	0.72	0.87	0.94	0.92
		S.E.		0.05	0.05	0.04	0.05	0.03
Black		Mean		0.52	0.59	0.61	0.77	0.94
		S.E.		0.04	0.05	0.06	0.05	0.08
Hispanic		Mean		0.70	0.62	0.70	1.01	1.27
		S.E.		0.04	0.07	0.06	0.06	0.07
Asian/Pacific Islander		Mean		0.49	0.47	0.67	0.49	0.83
		S.E.		0.10	0.06	0.17	0.05	0.12
Native American		Mean		0.98	0.55	0.80	1.36	1.44
		S.E.		0.15	0.12	0.17	0.08	0.27
		STUDENT PROGRAM						
Academic		Mean		0.30	0.27	0.29	0.30	0.32
		S.E.		0.01	0.01	0.01	0.01	0.01
Vocational		Mean		3.05	2.46	2.71	2.41	2.36
		S.E.		0.25	0.14	0.16	0.08	0.07
Both		Mean		1.78	1.68	1.79	1.84	1.93
		S.E.		0.12	0.18	0.09	0.11	0.11
Neither		Mean		0.52	0.51	0.55	0.52	0.45
		S.E.		0.04	0.02	0.03	0.03	0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Specific Labor Market Preparation						
Trade & Industry	COMMUNITY TYPE					
	Urban	Mean 0.56 S.E. 0.06	. .	. .	. .	. .
	Suburban	Mean 0.68 S.E. 0.06	. .	. .	. .	. .
	Rural	Mean 0.92 S.E. 0.09	. .	. .	. .	. .
	Big City	Mean . S.E. .	0.64 0.16	0.54 0.06	0.79 0.07	. .
	Urban Fringe	Mean . S.E. .	0.56 0.04	0.77 0.08	0.80 0.05	. .
	Medium City	Mean . S.E. .	0.56 0.05	0.75 0.06	0.79 0.07	. .
	Small Place	Mean . S.E. .	0.85 0.04	0.92 0.05	1.06 0.07	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.78 S.E. 0.04	0.70 0.03	0.87 0.04	0.98 0.04	1.06 0.03
	Nonpublic	Mean 0.12 S.E. 0.04	0.64 0.35	0.19 0.03	0.18 0.05	0.31 0.04
	CENSUS REGION					
	Northeast	Mean 0.80 S.E. 0.12	0.98 0.22	0.81 0.10	0.81 0.10	0.97 0.06
	South	Mean 0.57 S.E. 0.05	0.63 0.05	0.72 0.06	0.86 0.08	0.79 0.04
	Midwest	Mean 0.88 S.E. 0.10	0.68 0.04	1.01 0.06	1.02 0.08	1.12 0.06
	West	Mean 0.69 S.E. 0.06	0.62 0.05	0.69 0.07	0.93 0.05	1.07 0.07



Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
Specific Labor Market Preparation							
Technical & Communications	ALL GRADUATES	Mean	0.41	0.22	0.22	0.25	0.11
		S.E.	0.02	0.02	0.01	0.01	0.01
	GENDER						
	Male	Mean	0.50	0.28	0.26	0.30	0.14
		S.E.	0.03	0.02	0.01	0.01	0.01
	Female	Mean	0.33	0.16	0.18	0.19	0.08
		S.E.	0.03	0.01	0.01	0.01	0.00
	RACE/ETHNICITY						
	White	Mean	0.42	0.22	0.22	0.26	0.12
		S.E.	0.03	0.02	0.01	0.01	0.01
	Black	Mean	0.43	0.21	0.23	0.18	0.11
		S.E.	0.04	0.02	0.03	0.02	0.02
	Hispanic	Mean	0.38	0.19	0.18	0.15	0.07
		S.E.	0.04	0.03	0.01	0.02	0.01
	Asian/Pacific Islander	Mean	0.38	0.26	0.26	0.38	0.16
		S.E.	0.05	0.03	0.03	0.05	0.05
	Native American	Mean	0.46	0.25	0.15	0.19	0.06
		S.E.	0.07	0.09	0.04	0.04	0.02
	STUDENT PROGRAM						
	Academic	Mean	0.35	0.21	0.24	0.28	0.11
		S.E.	0.02	0.02	0.01	0.01	0.01
	Vocational	Mean	0.54	0.25	0.16	0.17	0.11
		S.E.	0.06	0.04	0.02	0.02	0.02
	Both	Mean	0.62	0.27	0.23	0.27	0.14
		S.E.	0.05	0.02	0.02	0.03	0.02
	Neither	Mean	0.32	0.16	0.17	0.17	0.10
		S.E.	0.03	0.02	0.01	0.01	0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Specific Labor Market Preparation						
Technical & Communications	COMMUNITY TYPE					
	Urban	Mean 0.38 S.E. 0.03	. .	. .	. .	. .
	Suburban	Mean 0.38 S.E. 0.03	. .	. .	. .	. .
	Rural	Mean 0.48 S.E. 0.05	. .	. .	. .	. .
	Big City	Mean . S.E. .	0.21 0.02	0.27 0.03	0.20 0.02	. .
	Urban Fringe	Mean . S.E. .	0.20 0.02	0.23 0.02	0.29 0.02	. .
	Medium City	Mean . S.E. .	0.25 0.04	0.19 0.04	0.25 0.02	. .
	Small Place	Mean . S.E. .	0.23 0.02	0.21 0.02	0.23 0.02	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.41 S.E. 0.02	0.22 0.02	0.22 0.01	0.24 0.01	0.12 0.01
	Nonpublic	Mean 0.39 S.E. 0.09	0.18 0.04	0.24 0.03	0.28 0.04	0.09 0.01
	CENSUS REGION					
	Northeast	Mean 0.34 S.E. 0.07	0.23 0.03	0.27 0.02	0.30 0.03	0.15 0.01
	South	Mean 0.51 S.E. 0.04	0.25 0.02	0.21 0.02	0.22 0.02	0.07 0.01
	Midwest	Mean 0.44 S.E. 0.05	0.19 0.04	0.23 0.03	0.27 0.02	0.14 0.01
	West	Mean 0.28 S.E. 0.04	0.17 0.03	0.18 0.02	0.19 0.03	0.09 0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field				1998	1994	1990	1987	1982
				Graduates	Graduates	Graduates	Graduates	Graduates
Specific Labor Market Preparation								
Unidentified Subject	ALL GRADUATES	Mean		0.14	0.14	0.13	0.11	0.08
		S.E.		0.02	0.02	0.02	0.01	0.01
GENDER								
Male		Mean		0.15	0.15	0.14	0.12	0.09
		S.E.		0.02	0.02	0.02	0.02	0.01
Female		Mean		0.14	0.13	0.11	0.10	0.07
		S.E.		0.02	0.02	0.01	0.01	0.01
RACE/ETHNICITY								
White		Mean		0.15	0.13	0.14	0.09	0.07
		S.E.		0.02	0.02	0.02	0.01	0.01
Black		Mean		0.13	0.19	0.10	0.20	0.10
		S.E.		0.02	0.04	0.02	0.04	0.03
Hispanic		Mean		0.15	0.15	0.10	0.14	0.11
		S.E.		0.03	0.03	0.02	0.03	0.02
Asian/Pacific Islander		Mean		0.06	0.04	0.05	0.10	0.07
		S.E.		0.01	0.02	0.01	0.05	0.03
Native American		Mean		0.16	0.19	0.16	0.11	0.19
		S.E.		0.06	0.07	0.07	0.08	0.13
STUDENT PROGRAM								
Academic		Mean		0.06	0.04	0.04	0.04	0.02
		S.E.		0.01	0.01	0.01	0.01	0.00
Vocational		Mean		0.57	0.59	0.38	0.26	0.20
		S.E.		0.13	0.13	0.06	0.05	0.02
Both		Mean		0.31	0.33	0.28	0.17	0.11
		S.E.		0.06	0.05	0.05	0.05	0.02
Neither		Mean		0.21	0.17	0.18	0.14	0.07
		S.E.		0.03	0.03	0.03	0.02	0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Specific Labor Market Preparation						
Unidentified Subject	COMMUNITY TYPE					
	Urban	Mean 0.11 S.E. 0.03	. .	. .	. .	. .
	Suburban	Mean 0.16 S.E. 0.02	. .	. .	. .	. .
	Rural	Mean 0.14 S.E. 0.02	. .	. .	. .	. .
	Big City	Mean . S.E. .	0.09 0.03	0.09 0.03	0.12 0.02	. .
	Urban Fringe	Mean . S.E. .	0.19 0.04	0.11 0.02	0.14 0.04	. .
	Medium City	Mean . S.E. .	0.11 0.02	0.10 0.04	0.10 0.01	. .
	Small Place	Mean . S.E. .	0.14 0.02	0.15 0.03	0.09 0.01	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.15 S.E. 0.02	0.15 0.02	0.14 0.02	0.12 0.01	0.09 0.01
	Nonpublic	Mean 0.00 S.E. 0.00	0.00 0.00	0.03 0.02	0.01 0.00	0.01 0.01
	CENSUS REGION					
	Northeast	Mean 0.05 S.E. 0.02	0.15 0.03	0.12 0.05	0.04 0.01	0.06 0.02
	South	Mean 0.19 S.E. 0.04	0.16 0.03	0.15 0.03	0.13 0.02	0.11 0.02
	Midwest	Mean 0.18 S.E. 0.04	0.12 0.02	0.13 0.03	0.15 0.04	0.06 0.01
	West	Mean 0.10 S.E. 0.01	0.11 0.03	0.09 0.03	0.10 0.01	0.09 0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
General Skills	ALL GRADUATES	Mean	0.48	0.33	0.33	0.33	0.24
		S.E.	0.03	0.02	0.03	0.02	0.01
	GENDER						
	Male	Mean	0.41	0.29	0.28	0.27	0.20
		S.E.	0.03	0.02	0.03	0.02	0.01
	Female	Mean	0.52	0.38	0.37	0.40	0.27
		S.E.	0.03	0.02	0.03	0.03	0.01
	RACE/ETHNICITY						
	White	Mean	0.47	0.33	0.33	0.31	0.23
		S.E.	0.03	0.03	0.03	0.03	0.01
	Black	Mean	0.43	0.27	0.23	0.25	0.20
		S.E.	0.04	0.03	0.03	0.03	0.03
	Hispanic	Mean	0.53	0.42	0.45	0.53	0.31
		S.E.	0.06	0.04	0.03	0.05	0.02
	Asian/Pacific Islander	Mean	0.49	0.38	0.39	0.49	0.44
		S.E.	0.08	0.04	0.07	0.07	0.04
	Native American	Mean	0.73	0.36	0.60	0.73	0.27
		S.E.	0.11	0.05	0.15	0.03	0.08
	STUDENT PROGRAM						
	Academic	Mean	0.48	0.34	0.33	0.35	0.23
		S.E.	0.03	0.02	0.03	0.03	0.02
	Vocational	Mean	0.60	0.34	0.32	0.26	0.18
		S.E.	0.05	0.04	0.04	0.03	0.01
	Both	Mean	0.32	0.21	0.21	0.24	0.15
		S.E.	0.03	0.02	0.02	0.03	0.02
	Neither	Mean	0.95	0.68	0.57	0.47	0.34
		S.E.	0.10	0.08	0.06	0.04	0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates	
General Skills	COMMUNITY TYPE						
	Urban	Mean S.E.	0.49 0.05	. .	. .	. .	
	Suburban	Mean S.E.	0.48 0.05	. .	. .	. .	
	Rural	Mean S.E.	0.46 0.05	. .	. .	. .	
	Big City	Mean S.E.	. .	0.29 0.02	0.42 0.07	0.33 0.05	. .
	Urban Fringe	Mean S.E.	. .	0.35 0.03	0.36 0.05	0.38 0.04	. .
	Medium City	Mean S.E.	. .	0.35 0.06	0.29 0.05	0.31 0.08	. .
	Small Place	Mean S.E.	. .	0.33 0.03	0.30 0.04	0.31 0.04	. .
	PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean S.E.	0.50 0.03	0.35 0.02	0.34 0.03	0.35 0.02	0.25 0.01
	Nonpublic	Mean S.E.	0.28 0.07	0.19 0.05	0.24 0.04	0.18 0.05	0.16 0.04
	CENSUS REGION						
	Northeast	Mean S.E.	0.28 0.07	0.13 0.02	0.13 0.03	0.11 0.03	0.08 0.01
	South	Mean S.E.	0.40 0.03	0.24 0.02	0.20 0.02	0.25 0.03	0.22 0.02
	Midwest	Mean S.E.	0.44 0.06	0.29 0.05	0.36 0.07	0.32 0.05	0.18 0.02
	West	Mean S.E.	0.82 0.09	0.78 0.06	0.73 0.07	0.80 0.03	0.59 0.04

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Personal Health & Physical Education	ALL GRADUATES	Mean 2.33	2.21	2.25	2.20	2.29
		S.E. 0.07	0.06	0.06	0.07	0.05
	GENDER					
	Male	Mean 2.60	2.42	2.42	2.35	2.41
		S.E. 0.08	0.06	0.06	0.08	0.05
	Female	Mean 2.11	2.01	2.10	2.05	2.18
		S.E. 0.07	0.06	0.06	0.07	0.05
	RACE/ETHNICITY					
	White	Mean 2.26	2.21	2.21	2.18	2.25
		S.E. 0.09	0.07	0.06	0.08	0.06
	Black	Mean 2.23	2.24	2.33	2.21	2.30
		S.E. 0.09	0.09	0.10	0.11	0.09
	Hispanic	Mean 2.78	2.37	2.51	2.60	2.51
		S.E. 0.08	0.06	0.09	0.09	0.05
	Asian/Pacific Islander	Mean 2.39	2.22	2.41	2.76	2.52
		S.E. 0.13	0.10	0.13	0.15	0.11
	Native American	Mean 2.56	2.47	2.22	2.29	2.36
		S.E. 0.11	0.27	0.14	0.06	0.22
	STUDENT PROGRAM					
	Academic	Mean 2.37	2.23	2.26	2.16	2.22
		S.E. 0.08	0.06	0.07	0.07	0.06
	Vocational	Mean 2.17	2.05	2.14	2.19	2.23
		S.E. 0.12	0.09	0.08	0.10	0.05
	Both	Mean 2.23	2.15	2.20	2.14	2.35
		S.E. 0.08	0.06	0.06	0.08	0.09
	Neither	Mean 2.37	2.32	2.39	2.45	2.45
		S.E. 0.11	0.10	0.11	0.09	0.06

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Personal Health & Physical Education						
COMMUNITY TYPE						
	Urban	Mean 2.30 S.E. 0.13	.	.	.	.
	Suburban	Mean 2.40 S.E. 0.10	.	.	.	.
	Rural	Mean 2.29 S.E. 0.14	.	.	.	.
	Big City	Mean . S.E. .	2.07 0.11	2.06 0.11	1.82 0.11	. .
	Urban Fringe	Mean . S.E. .	2.26 0.08	2.58 0.11	2.39 0.10	. .
	Medium City	Mean . S.E. .	2.14 0.08	2.21 0.28	2.25 0.22	. .
	Small Place	Mean . S.E. .	2.26 0.10	2.14 0.06	2.19 0.11	. .
PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean 2.34 S.E. 0.07	2.26 0.06	2.32 0.06	2.31 0.07	2.37 0.06
	Nonpublic	Mean 2.25 S.E. 0.28	1.59 0.17	1.53 0.14	1.18 0.13	1.66 0.09
CENSUS REGION						
	Northeast	Mean 2.30 S.E. 0.24	2.30 0.15	2.30 0.16	1.72 0.17	2.01 0.08
	South	Mean 2.31 S.E. 0.12	2.21 0.07	2.27 0.07	2.17 0.10	2.36 0.08
	Midwest	Mean 1.95 S.E. 0.16	1.95 0.16	1.82 0.14	2.17 0.21	2.00 0.06
	West	Mean 2.85 S.E. 0.07	2.55 0.10	2.76 0.10	2.89 0.07	3.05 0.07



Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982	
			Graduates	Graduates	Graduates	Graduates	Graduates	
Religion	ALL GRADUATES	Mean	0.24	0.23	0.24	0.24	0.22	
		S.E.	0.03	0.05	0.03	0.04	0.02	
		GENDER						
		Male	Mean	0.25	0.23	0.22	0.26	0.19
			S.E.	0.05	0.06	0.04	0.06	0.02
		Female	Mean	0.25	0.23	0.25	0.23	0.25
			S.E.	0.04	0.06	0.04	0.05	0.03
		RACE/ETHNICITY						
		White	Mean	0.27	0.25	0.25	0.26	0.25
			S.E.	0.05	0.05	0.04	0.05	0.02
		Black	Mean	0.15	0.08	0.18	0.14	0.11
			S.E.	0.06	0.02	0.03	0.06	0.02
		Hispanic	Mean	0.22	0.23	0.23	0.13	0.18
			S.E.	0.07	0.08	0.06	0.04	0.02
		Asian/Pacific Islander	Mean	0.14	0.48	0.21	0.12	0.19
			S.E.	0.04	0.18	0.05	0.04	0.05
		Native American	Mean	0.19	0.13	0.47	0.04	0.12
			S.E.	0.10	0.05	0.32	0.01	0.05
		STUDENT PROGRAM						
		Academic	Mean	0.32	0.30	0.33	0.34	0.36
			S.E.	0.05	0.06	0.05	0.06	0.03
		Vocational	Mean	0.05	0.01	0.03	0.09	0.07
			S.E.	0.04	0.00	0.01	0.03	0.01
		Both	Mean	0.04	0.08	0.07	0.10	0.17
		S.E.	0.02	0.04	0.02	0.03	0.04	
	Neither	Mean	0.15	0.08	0.14	0.17	0.15	
		S.E.	0.08	0.02	0.04	0.07	0.03	

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Religion	COMMUNITY TYPE					
	Urban	Mean 0.46 S.E. 0.09	. .	. .	. .	. .
	Suburban	Mean 0.16 S.E. 0.06	. .	. .	. .	. .
	Rural	Mean 0.12 S.E. 0.07	. .	. .	. .	. .
	Big City	Mean . S.E. .	0.81 0.23	0.59 0.13	0.40 0.15	. .
	Urban Fringe	Mean . S.E. .	0.19 0.07	0.25 0.07	0.35 0.11	. .
	Medium City	Mean . S.E. .	0.09 0.05	0.45 0.14	0.36 0.14	. .
	Small Place	Mean . S.E. .	0.06 0.02	0.08 0.03	0.07 0.03	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.02 S.E. 0.01	0.01 0.00	0.02 0.00	0.01 0.00	0.02 0.00
	Nonpublic	Mean 2.55 S.E. 0.27	2.73 0.30	2.42 0.22	2.46 0.19	1.93 0.10
	CENSUS REGION					
	Northeast	Mean 0.31 S.E. 0.16	0.44 0.18	0.40 0.10	0.58 0.15	0.30 0.05
	South	Mean 0.26 S.E. 0.09	0.09 0.04	0.13 0.04	0.08 0.02	0.16 0.03
	Midwest	Mean 0.17 S.E. 0.05	0.31 0.10	0.28 0.08	0.26 0.08	0.29 0.06
	West	Mean 0.25 S.E. 0.12	0.22 0.12	0.18 0.06	0.07 0.03	0.11 0.03

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates	
Military Science	ALL GRADUATES	Mean	0.07	0.05	0.04	0.05	0.03	
		S.E.	0.01	0.01	0.01	0.01	0.00	
		GENDER						
		Male	Mean	0.09	0.06	0.07	0.07	0.05
			S.E.	0.01	0.01	0.01	0.01	0.01
		Female	Mean	0.06	0.04	0.02	0.03	0.02
			S.E.	0.01	0.01	0.00	0.00	0.01
		RACE/ETHNICITY						
		White	Mean	0.05	0.03	0.03	0.03	0.02
			S.E.	0.01	0.01	0.01	0.01	0.01
		Black	Mean	0.21	0.17	0.13	0.19	0.11
			S.E.	0.03	0.03	0.03	0.03	0.02
		Hispanic	Mean	0.09	0.07	0.06	0.07	0.04
			S.E.	0.02	0.02	0.02	0.02	0.01
		Asian/Pacific Islander	Mean	0.06	0.05	0.06	0.02	0.03
			S.E.	0.02	0.02	0.02	0.01	0.01
		Native American	Mean	0.13	0.07	0.03	0.05	0.01
			S.E.	0.06	0.03	0.02	0.03	0.01
		STUDENT PROGRAM						
		Academic	Mean	0.08	0.05	0.05	0.04	0.03
			S.E.	0.01	0.01	0.01	0.00	0.01
		Vocational	Mean	0.04	0.05	0.02	0.06	0.02
			S.E.	0.01	0.01	0.01	0.01	0.00
	Both	Mean	0.06	0.05	0.04	0.03	0.01	
		S.E.	0.01	0.01	0.01	0.00	0.00	
	Neither	Mean	0.10	0.07	0.04	0.12	0.07	
		S.E.	0.02	0.02	0.01	0.02	0.01	

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Military Science	COMMUNITY TYPE					
	Urban	Mean 0.10 S.E. 0.01	.	.	.	.
	Suburban	Mean 0.07 S.E. 0.01	.	.	.	.
	Rural	Mean 0.05 S.E. 0.02	.	.	.	.
	Big City	Mean . S.E. .	0.08 0.03	0.07 0.02	0.07 0.02	. .
	Urban Fringe	Mean . S.E. .	0.03 0.01	0.03 0.01	0.03 0.01	. .
	Medium City	Mean . S.E. .	0.08 0.02	0.06 0.02	0.12 0.03	. .
	Small Place	Mean . S.E. .	0.05 0.01	0.04 0.01	0.03 0.01	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.08 S.E. 0.01	0.06 0.01	0.04 0.01	0.06 0.01	0.04 0.00
	Nonpublic	Mean 0.00 S.E. 0.00	0.01 0.00	0.07 0.05	0.00 0.00	0.00 0.00
	CENSUS REGION					
	Northeast	Mean 0.01 S.E. 0.01	0.02 0.01	0.03 0.02	0.00 0.00	0.01 0.00
	South	Mean 0.17 S.E. 0.02	0.10 0.01	0.08 0.02	0.13 0.01	0.08 0.01
	Midwest	Mean 0.02 S.E. 0.01	0.02 0.01	0.02 0.01	0.03 0.01	0.02 0.01
	West	Mean 0.05 S.E. 0.01	0.04 0.01	0.04 0.01	0.02 0.01	0.02 0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
Special Education	ALL GRADUATES	Mean	0.25	0.22	0.19	0.18	0.02
		S.E.	0.02	0.02	0.02	0.01	0.00
	GENDER						
	Male	Mean	0.33	0.29	0.24	0.25	0.03
		S.E.	0.03	0.03	0.03	0.02	0.01
	Female	Mean	0.19	0.14	0.14	0.12	0.02
		S.E.	0.02	0.02	0.01	0.01	0.00
	RACE/ETHNICITY						
	White	Mean	0.24	0.19	0.18	0.17	0.01
		S.E.	0.03	0.02	0.02	0.01	0.00
	Black	Mean	0.34	0.28	0.24	0.34	0.03
		S.E.	0.04	0.05	0.05	0.06	0.02
	Hispanic	Mean	0.32	0.36	0.25	0.21	0.07
		S.E.	0.05	0.06	0.04	0.03	0.03
	Asian/Pacific Islander	Mean	0.14	0.06	0.07	0.04	0.04
		S.E.	0.04	0.02	0.03	0.01	0.02
	Native American	Mean	0.33	0.20	0.22	0.29	0.00
		S.E.	0.11	0.07	0.16	0.04	0.00
	STUDENT PROGRAM						
	Academic	Mean	0.17	0.12	0.11	0.09	0.01
		S.E.	0.02	0.01	0.01	0.01	0.00
	Vocational	Mean	0.80	0.53	0.41	0.31	0.02
		S.E.	0.09	0.08	0.06	0.04	0.01
	Both	Mean	0.25	0.24	0.21	0.19	0.02
		S.E.	0.04	0.04	0.04	0.03	0.01
	Neither	Mean	0.94	0.96	0.43	0.41	0.05
		S.E.	0.17	0.13	0.06	0.05	0.01

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Special Education	COMMUNITY TYPE					
	Urban	Mean 0.29 S.E. 0.05	. .	. .	. .	. .
	Suburban	Mean 0.28 S.E. 0.02	. .	. .	. .	. .
	Rural	Mean 0.19 S.E. 0.04	. .	. .	. .	. .
	Big City	Mean . S.E. .	0.19 0.05	0.17 0.04	0.20 0.05	. .
	Urban Fringe	Mean . S.E. .	0.17 0.03	0.20 0.02	0.16 0.03	. .
	Medium City	Mean . S.E. .	0.22 0.04	0.25 0.09	0.24 0.03	. .
	Small Place	Mean . S.E. .	0.26 0.04	0.18 0.02	0.17 0.02	. .
	PUBLIC/NONPUBLIC SCHOOL					
	Public	Mean 0.28 S.E. 0.03	0.24 0.02	0.21 0.02	0.20 0.01	0.02 0.00
	Nonpublic	Mean 0.00 S.E. 0.00	0.00 0.00	0.01 0.01	0.00 0.00	0.00 0.00
	CENSUS REGION					
	Northeast	Mean 0.26 S.E. 0.09	0.19 0.06	0.14 0.03	0.12 0.03	0.01 0.00
	South	Mean 0.19 S.E. 0.04	0.25 0.04	0.14 0.02	0.19 0.01	0.02 0.01
	Midwest	Mean 0.30 S.E. 0.03	0.18 0.02	0.27 0.04	0.23 0.03	0.01 0.01
	West	Mean 0.29 S.E. 0.03	0.24 0.05	0.23 0.03	0.19 0.02	0.05 0.02

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field			1998	1994	1990	1987	1982
			Graduates	Graduates	Graduates	Graduates	Graduates
All Courses Other Than Above	ALL GRADUATES	Mean	0.02	0.01	0.02	0.01	0.00
		S.E.	0.00	0.00	0.00	0.00	0.00
		GENDER					
	Male	Mean	0.02	0.01	0.02	0.01	0.00
		S.E.	0.01	0.00	0.00	0.00	0.00
	Female	Mean	0.02	0.02	0.01	0.01	0.00
		S.E.	0.00	0.01	0.00	0.00	0.00
		RACE/ETHNICITY					
	White	Mean	0.02	0.01	0.01	0.01	0.00
		S.E.	0.01	0.00	0.00	0.00	0.00
	Black	Mean	0.01	0.01	0.01	0.01	0.00
		S.E.	0.00	0.00	0.00	0.01	0.00
	Hispanic	Mean	0.04	0.01	0.03	0.02	0.00
		S.E.	0.01	0.00	0.01	0.01	0.00
	Asian/Pacific Islander	Mean	0.03	0.02	0.01	0.01	0.00
		S.E.	0.01	0.01	0.00	0.00	0.00
	Native American	Mean	0.02	0.01	0.01	0.01	0.00
		S.E.	0.01	0.01	0.01	0.01	0.00
		STUDENT PROGRAM					
	Academic	Mean	0.02	0.01	0.01	0.01	0.00
		S.E.	0.00	0.00	0.00	0.00	0.00
	Vocational	Mean	0.03	0.01	0.01	0.00	0.00
		S.E.	0.01	0.00	0.00	0.00	0.00
	Both	Mean	0.01	0.01	0.01	0.00	0.00
		S.E.	0.00	0.00	0.00	0.00	0.00
	Neither	Mean	0.11	0.07	0.06	0.01	0.00
		S.E.	0.04	0.04	0.02	0.00	0.00

Table 35.—Mean number of credits (Carnegie Units) graduates earned in each subject field in 1998, 1994, 1990, and 1982, by student program, school type (public/nonpublic), and demographic categories  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates	
All Courses Other Than Above	COMMUNITY TYPE						
	Urban	Mean S.E.	0.01 0.01	. .	. .	. .	
	Suburban	Mean S.E.	0.04 0.01	. .	. .	. .	
	Rural	Mean S.E.	0.01 0.01	. .	. .	. .	
	Big City	Mean S.E.	. .	0.03 0.02	0.02 0.01	0.01 0.00	. .
	Urban Fringe	Mean S.E.	. .	0.02 0.00	0.03 0.01	0.01 0.00	. .
	Medium City	Mean S.E.	. .	0.01 0.01	0.01 0.00	0.00 0.00	. .
	Small Place	Mean S.E.	. .	0.01 0.00	0.01 0.00	0.00 0.00	. .
	PUBLIC/NONPUBLIC SCHOOL						
	Public	Mean S.E.	0.02 0.00	0.01 0.00	0.01 0.00	0.01 0.00	0.00 0.00
	Nonpublic	Mean S.E.	0.02 0.01	0.04 0.03	0.02 0.01	0.00 0.00	0.00 0.00
	CENSUS REGION						
	Northeast	Mean S.E.	0.02 0.01	0.00 0.00	0.02 0.01	0.01 0.00	0.00 0.00
	South	Mean S.E.	0.02 0.01	0.01 0.00	0.01 0.00	0.00 0.00	0.00 0.00
	Midwest	Mean S.E.	0.02 0.01	0.02 0.01	0.01 0.00	0.00 0.00	0.00 0.00
	West	Mean S.E.	0.02 0.01	0.02 0.00	0.03 0.01	0.01 0.00	0.00 0.00



Table 36.—Mean number of credits (Carnegie Units) earned in various subject fields in 1998, 1994, 1990, and 1982

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Mathematics	Mean	3.50	3.41	3.24	3.10	2.64
	S.E.	0.03	0.02	0.03	0.03	0.02
Science	Mean	3.15	3.06	2.78	2.56	2.22
	S.E.	0.03	0.03	0.03	0.04	0.02
English	Mean	4.15	4.23	4.12	4.08	3.93
	S.E.	0.04	0.03	0.03	0.02	0.02
Social Studies	Mean	3.78	3.59	3.52	3.39	3.24
	S.E.	0.04	0.04	0.04	0.04	0.04
Fine Arts	Mean	1.89	1.64	1.52	1.42	1.44
	S.E.	0.08	0.04	0.04	0.04	0.03
Foreign Languages	Mean	2.00	1.83	1.66	1.49	1.08
	S.E.	0.04	0.03	0.04	0.05	0.03
Computer-related Studies	Mean	0.75	0.65	0.54	0.49	0.14
	S.E.	0.03	0.02	0.02	0.02	0.01
Consumer & Homemaking Education	Mean	0.47	0.50	0.54	0.56	0.65
	S.E.	0.03	0.03	0.02	0.03	0.01
General Labor Market Preparation	Mean	0.60	0.67	0.81	0.89	1.04
	S.E.	0.03	0.02	0.02	0.03	0.02
Specific Labor Market Preparation						
Agriculture/Renewable Resources	Mean	0.19	0.22	0.18	0.19	0.20
	S.E.	0.03	0.02	0.02	0.03	0.01
Business	Mean	0.66	0.86	0.87	0.95	1.01
	S.E.	0.03	0.03	0.03	0.04	0.02
Marketing & Distribution	Mean	0.15	0.17	0.15	0.15	0.14
	S.E.	0.01	0.01	0.01	0.01	0.01

Table 36.—Mean number of credits (Carnegie Units) earned in various subject fields in 1998, 1994, 1990, and 1982  
(Continued)

Subject Field		1998 Graduates	1994 Graduates	1990 Graduates	1987 Graduates	1982 Graduates
Health	Mean	0.13	0.07	0.04	0.06	0.05
	S.E.	0.03	0.01	0.00	0.01	0.00
Occupational Home Economics	Mean	0.18	0.18	0.16	0.18	0.16
	S.E.	0.01	0.01	0.01	0.02	0.01
Trade & Industry	Mean	0.72	0.69	0.81	0.91	0.97
	S.E.	0.04	0.04	0.04	0.04	0.03
Technical & Communications	Mean	0.41	0.22	0.22	0.25	0.11
	S.E.	0.02	0.02	0.01	0.01	0.01
Unidentified Subject	Mean	0.14	0.14	0.13	0.11	0.08
	S.E.	0.02	0.02	0.02	0.01	0.01
General Skills	Mean	0.48	0.33	0.33	0.33	0.24
	S.E.	0.03	0.02	0.03	0.02	0.01
Personal Health & Physical Education	Mean	2.33	2.21	2.25	2.20	2.29
	S.E.	0.07	0.06	0.06	0.07	0.05
Religion	Mean	0.24	0.23	0.24	0.24	0.22
	S.E.	0.03	0.05	0.03	0.04	0.02
Military Science	Mean	0.07	0.05	0.04	0.05	0.03
	S.E.	0.01	0.01	0.01	0.01	0.00
Special Education	Mean	0.25	0.22	0.19	0.18	0.02
	S.E.	0.02	0.02	0.02	0.01	0.00
All Courses Other Than Above	Mean	0.02	0.01	0.02	0.01	0.00
	S.E.	0.00	0.00	0.00	0.00	0.00

Table 37.—Mean number of credits (Carnegie Units) earned in various subject fields by gender in 1998, 1994, 1990, and 1982

Subject Field	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates		
	Female	Male	Female	Male	Female	Male	Female	Male	
Mathematics	Mean	3.53	3.49	3.42	3.41	3.21	3.27	2.55	2.73
	S.E.	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03
Science	Mean	3.18	3.13	3.08	3.04	2.75	2.81	2.15	2.29
	S.E.	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03
English	Mean	4.20	4.09	4.24	4.22	4.16	4.08	3.96	3.89
	S.E.	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.02
Social Studies	Mean	3.84	3.73	3.63	3.56	3.54	3.49	3.24	3.24
	S.E.	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Fine Arts	Mean	2.14	1.61	1.86	1.41	1.74	1.29	1.60	1.27
	S.E.	0.09	0.07	0.05	0.04	0.05	0.04	0.04	0.04
Foreign Languages	Mean	2.19	1.78	2.04	1.60	1.84	1.46	1.26	0.89
	S.E.	0.05	0.05	0.03	0.04	0.05	0.04	0.03	0.03
Computer-related Studies	Mean	0.71	0.80	0.64	0.65	0.56	0.51	0.12	0.16
	S.E.	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01
Consumer & Homemaking Education	Mean	0.62	0.33	0.66	0.33	0.75	0.31	0.98	0.29
	S.E.	0.04	0.03	0.03	0.03	0.04	0.02	0.02	0.01
General Labor Market Preparation	Mean	0.59	0.62	0.63	0.71	0.85	0.76	1.08	0.99
	S.E.	0.03	0.03	0.02	0.03	0.03	0.03	0.02	0.03
Specific Labor Market Preparation									
Agriculture/Renewable Resources	Mean	0.13	0.25	0.10	0.35	0.08	0.29	0.07	0.33
	S.E.	0.02	0.04	0.01	0.03	0.01	0.04	0.01	0.02
Business	Mean	0.76	0.55	1.05	0.66	1.15	0.58	1.49	0.49
	S.E.	0.04	0.03	0.04	0.02	0.05	0.03	0.03	0.02

Table 37.—Mean number of credits (Carnegie Units) earned in various subject fields by gender in 1998, 1994, 1990, and 1982  
(Continued)

Subject Field		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
Marketing & Distribution	Mean	0.17	0.14	0.20	0.13	0.17	0.12	0.16	0.13
	S.E.	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01
Health	Mean	0.20	0.05	0.12	0.03	0.06	0.02	0.07	0.02
	S.E.	0.04	0.02	0.01	0.00	0.01	0.00	0.01	0.00
Occupational Home Economics	Mean	0.27	0.08	0.28	0.07	0.25	0.06	0.27	0.05
	S.E.	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01
Trade & Industry	Mean	0.21	1.26	0.16	1.25	0.21	1.46	0.19	1.83
	S.E.	0.01	0.08	0.01	0.08	0.02	0.06	0.01	0.06
Technical & Communications	Mean	0.33	0.50	0.16	0.28	0.18	0.26	0.08	0.14
	S.E.	0.03	0.03	0.01	0.02	0.01	0.01	0.00	0.01
Unidentified Subject	Mean	0.14	0.15	0.13	0.15	0.11	0.14	0.07	0.09
	S.E.	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
General Skills	Mean	0.52	0.41	0.38	0.29	0.37	0.28	0.27	0.20
	S.E.	0.03	0.03	0.02	0.02	0.03	0.03	0.01	0.01
Personal Health & Physical Education	Mean	2.11	2.60	2.01	2.42	2.10	2.42	2.18	2.41
	S.E.	0.07	0.08	0.06	0.06	0.06	0.06	0.05	0.05
Religion	Mean	0.25	0.25	0.23	0.23	0.25	0.22	0.25	0.19
	S.E.	0.04	0.05	0.06	0.06	0.04	0.04	0.03	0.02
Military Science	Mean	0.06	0.09	0.04	0.06	0.02	0.07	0.02	0.05
	S.E.	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01
Special Education	Mean	0.19	0.33	0.14	0.29	0.14	0.24	0.02	0.03
	S.E.	0.02	0.03	0.02	0.03	0.01	0.03	0.00	0.01
All Courses Other Than Above	Mean	0.02	0.02	0.02	0.01	0.01	0.02	0.00	0.00
	S.E.	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00

Table 38.—Mean number of credits (Carnegie Units) earned in various subject fields by race/ethnicity in 1998, 1994, 1990, and 1982

Subject Field		1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
		White	Black	Hispa	Asian	Nativ Ameri	White	Black	Hispa	Asian	Nativ Ameri	White	Black	Hispa	Asian	Nativ Ameri	White	Black	Hispa	Asian	Nativ Ameri
Mathematics	Mean	3.50	3.49	3.40	3.68	3.19	3.43	3.28	3.43	3.84	3.16	3.22	3.27	3.25	3.67	3.25	2.69	2.58	2.32	3.21	2.47
	S.E.	0.03	0.05	0.05	0.05	0.10	0.03	0.04	0.04	0.07	0.05	0.03	0.07	0.07	0.05	0.18	0.02	0.04	0.04	0.08	0.12
Science	Mean	3.20	3.01	2.81	3.52	2.77	3.14	2.81	2.72	3.34	2.82	2.82	2.68	2.52	3.02	2.52	2.30	2.05	1.82	2.62	2.01
	S.E.	0.03	0.07	0.06	0.09	0.06	0.03	0.04	0.04	0.11	0.07	0.03	0.06	0.04	0.12	0.15	0.02	0.05	0.03	0.12	0.17
English	Mean	4.16	4.18	4.08	4.05	4.18	4.23	4.33	4.24	4.08	4.21	4.11	4.27	4.08	4.04	4.08	3.91	4.08	3.92	3.83	3.94
	S.E.	0.05	0.05	0.04	0.05	0.09	0.04	0.03	0.08	0.05	0.11	0.04	0.04	0.04	0.07	0.10	0.02	0.04	0.03	0.05	0.17
Social Studies	Mean	3.79	3.73	3.65	3.94	3.68	3.59	3.54	3.52	3.74	3.79	3.50	3.52	3.49	3.72	3.28	3.28	3.13	3.09	3.16	3.17
	S.E.	0.05	0.05	0.05	0.09	0.10	0.05	0.04	0.04	0.10	0.20	0.05	0.05	0.08	0.12	0.11	0.04	0.05	0.04	0.11	0.14
Fine Arts	Mean	1.97	1.56	1.82	1.60	1.92	1.72	1.37	1.50	1.35	1.95	1.58	1.34	1.47	1.32	1.05	1.49	1.23	1.30	1.28	1.23
	S.E.	0.07	0.15	0.12	0.07	0.16	0.05	0.07	0.04	0.10	0.34	0.05	0.05	0.07	0.08	0.14	0.04	0.06	0.05	0.13	0.25
Foreign Languages	Mean	1.96	1.65	2.24	2.66	1.41	1.82	1.39	2.16	2.66	1.27	1.66	1.27	2.03	2.57	1.26	1.15	0.76	0.85	1.99	1.31
	S.E.	0.05	0.06	0.05	0.19	0.12	0.04	0.05	0.08	0.14	0.15	0.05	0.08	0.14	0.24	0.18	0.03	0.06	0.04	0.11	0.22
Computer-related Studies	Mean	0.74	0.85	0.74	0.70	0.70	0.64	0.65	0.75	0.71	0.74	0.53	0.61	0.59	0.55	0.60	0.14	0.16	0.10	0.22	0.08
	S.E.	0.03	0.06	0.04	0.05	0.06	0.03	0.04	0.04	0.03	0.21	0.02	0.05	0.05	0.04	0.11	0.01	0.03	0.01	0.05	0.03
Consumer & Homemaking Education	Mean	0.47	0.68	0.48	0.29	0.54	0.49	0.61	0.46	0.33	0.61	0.51	0.78	0.51	0.30	0.71	0.60	0.88	0.83	0.30	0.60
	S.E.	0.04	0.06	0.06	0.03	0.09	0.03	0.04	0.03	0.06	0.09	0.03	0.06	0.06	0.03	0.11	0.01	0.05	0.05	0.03	0.11
General Labor Market Preparation	Mean	0.58	0.71	0.66	0.60	0.55	0.67	0.76	0.64	0.53	0.81	0.79	0.94	0.84	0.70	0.92	1.01	1.09	1.18	1.01	0.87
	S.E.	0.03	0.05	0.05	0.12	0.06	0.03	0.04	0.04	0.06	0.09	0.03	0.05	0.04	0.11	0.17	0.03	0.05	0.05	0.10	0.11
Specific Labor Market Preparation Agriculture / Renewable Resources	Mean	0.22	0.09	0.15	0.09	0.18	0.25	0.13	0.12	0.12	0.35	0.22	0.06	0.14	0.04	0.32	0.21	0.09	0.22	0.05	0.12
	S.E.	0.04	0.02	0.04	0.03	0.04	0.03	0.03	0.02	0.05	0.14	0.03	0.01	0.03	0.02	0.10	0.02	0.02	0.03	0.02	0.06

Table 38.—Mean number of credits (Carnegie Units) earned in various subject fields by race/ethnicity in 1998, 1994, 1990, and 1982  
(Continued)

Subject Field		1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
		White	Black	Hispa	Asian	Nativ Ameri	White	Black	Hispa	Asian	Nativ Ameri	White	Black	Hispa	Asian	Nativ Ameri	White	Black	Hispa	Asian	Nativ Ameri
Business	Mean	0.65	0.81	0.61	0.62	0.61	0.85	1.00	0.91	0.67	0.92	0.85	1.06	0.93	0.64	1.04	1.04	0.97	0.97	0.57	0.79
	S.E.	0.04	0.08	0.05	0.04	0.08	0.03	0.05	0.06	0.04	0.19	0.03	0.08	0.10	0.05	0.11	0.02	0.07	0.06	0.09	0.20
Marketing & Distribution	Mean	0.14	0.24	0.18	0.14	0.13	0.18	0.20	0.14	0.09	0.05	0.15	0.17	0.18	0.05	0.14	0.14	0.21	0.15	0.04	0.16
	S.E.	0.01	0.03	0.02	0.02	0.03	0.02	0.03	0.02	0.01	0.02	0.01	0.02	0.02	0.01	0.05	0.01	0.03	0.02	0.02	0.08
Health	Mean	0.10	0.29	0.15	0.15	0.06	0.07	0.11	0.06	0.05	0.15	0.04	0.04	0.02	0.01	0.02	0.04	0.12	0.06	0.03	0.01
	S.E.	0.01	0.10	0.07	0.09	0.03	0.01	0.02	0.01	0.01	0.07	0.01	0.01	0.01	0.00	0.02	0.00	0.03	0.02	0.01	0.01
Occupational Home Economics	Mean	0.16	0.28	0.21	0.12	0.14	0.15	0.37	0.24	0.10	0.13	0.14	0.26	0.25	0.04	0.07	0.15	0.22	0.18	0.05	0.16
	S.E.	0.01	0.04	0.04	0.02	0.05	0.01	0.03	0.03	0.03	0.06	0.01	0.04	0.03	0.01	0.04	0.01	0.04	0.02	0.02	0.06
Trade & Industry	Mean	0.77	0.52	0.70	0.49	0.98	0.72	0.59	0.62	0.47	0.55	0.87	0.61	0.70	0.67	0.80	0.92	0.94	1.27	0.83	1.44
	S.E.	0.05	0.04	0.04	0.10	0.15	0.05	0.05	0.07	0.06	0.12	0.04	0.06	0.06	0.17	0.17	0.03	0.08	0.07	0.12	0.27
Technical & Communications	Mean	0.42	0.43	0.38	0.38	0.46	0.22	0.21	0.19	0.26	0.25	0.22	0.23	0.18	0.26	0.15	0.12	0.11	0.07	0.16	0.06
	S.E.	0.03	0.04	0.04	0.05	0.07	0.02	0.02	0.03	0.03	0.09	0.01	0.03	0.01	0.03	0.04	0.01	0.02	0.01	0.05	0.02
Unidentified Subject	Mean	0.15	0.13	0.15	0.06	0.16	0.13	0.19	0.15	0.04	0.19	0.14	0.10	0.10	0.05	0.16	0.07	0.10	0.11	0.07	0.19
	S.E.	0.02	0.02	0.03	0.01	0.06	0.02	0.04	0.03	0.02	0.07	0.02	0.02	0.02	0.01	0.07	0.01	0.03	0.02	0.03	0.13
General Skills	Mean	0.47	0.43	0.53	0.49	0.73	0.33	0.27	0.42	0.38	0.36	0.33	0.23	0.45	0.39	0.60	0.23	0.20	0.31	0.44	0.27
	S.E.	0.03	0.04	0.06	0.08	0.11	0.03	0.03	0.04	0.04	0.05	0.03	0.03	0.03	0.07	0.15	0.01	0.03	0.02	0.04	0.08
Physical Health & Physical Education	Mean	2.26	2.23	2.78	2.39	2.56	2.21	2.24	2.37	2.22	2.47	2.21	2.33	2.51	2.41	2.22	2.25	2.30	2.51	2.52	2.36
	S.E.	0.09	0.09	0.08	0.13	0.11	0.07	0.09	0.06	0.10	0.27	0.06	0.10	0.09	0.13	0.14	0.06	0.09	0.05	0.11	0.22
Religion	Mean	0.27	0.15	0.22	0.14	0.19	0.25	0.08	0.23	0.48	0.13	0.25	0.18	0.23	0.21	0.47	0.25	0.11	0.18	0.19	0.12
	S.E.	0.05	0.06	0.07	0.04	0.10	0.05	0.02	0.08	0.18	0.05	0.04	0.03	0.06	0.05	0.32	0.02	0.02	0.02	0.05	0.05
Military Science	Mean	0.05	0.21	0.09	0.06	0.13	0.03	0.17	0.07	0.05	0.07	0.03	0.13	0.06	0.06	0.03	0.02	0.11	0.04	0.03	0.01
	S.E.	0.01	0.03	0.02	0.02	0.06	0.01	0.03	0.02	0.02	0.03	0.01	0.03	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.01

Table 38.—Mean number of credits (Carnegie Units) earned in various subject fields by race/ethnicity in 1998, 1994, 1990, and 1982  
(Continued)

Subject Field		1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
		White	Black	Hispa	Asian	Nativ Ameri	White	Black	Hispa	Asian	Nativ Ameri	White	Black	Hispa	Asian	Nativ Ameri	White	Black	Hispa	Asian	Nativ Ameri
Special Education	Mean	0.24	0.34	0.32	0.14	0.33	0.19	0.28	0.36	0.06	0.20	0.18	0.24	0.25	0.07	0.22	0.01	0.03	0.07	0.04	0.00
	S.E.	0.03	0.04	0.05	0.04	0.11	0.02	0.05	0.06	0.02	0.07	0.02	0.05	0.04	0.03	0.16	0.00	0.02	0.03	0.02	0.00
All Courses Other Than Above	Mean	0.02	0.01	0.04	0.03	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
	S.E.	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00

Table 39.—Mean number of credits (Carnegie Units) earned in various subject fields by student program in 1998, 1994, 1990, and 1982

Subject Field		1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
		Acad	Voc.	Both	Neither	Acad	Voc.	Both	Neither	Acad	Voc.	Both	Neither	Acad	Voc.	Both	Neither
Mathematics	Mean	3.69	2.31	3.42	2.33	3.65	2.19	3.29	2.36	3.57	2.18	3.19	2.26	3.38	1.82	3.04	2.00
	S.E.	0.03	0.06	0.04	0.04	0.02	0.04	0.03	0.04	0.02	0.03	0.04	0.06	0.02	0.03	0.08	0.02
Science	Mean	3.35	1.85	3.01	1.93	3.34	1.86	2.80	1.92	3.13	1.77	2.59	1.85	2.96	1.44	2.51	1.57
	S.E.	0.03	0.06	0.05	0.04	0.03	0.04	0.03	0.04	0.03	0.04	0.04	0.02	0.02	0.02	0.07	0.02
English	Mean	4.25	3.41	4.17	3.25	4.33	3.67	4.26	3.52	4.29	3.58	4.16	3.52	4.25	3.53	4.34	3.60
	S.E.	0.03	0.07	0.05	0.07	0.04	0.04	0.04	0.06	0.03	0.05	0.02	0.09	0.02	0.03	0.06	0.02
Social Studies	Mean	3.91	2.94	3.70	3.05	3.75	2.78	3.50	2.84	3.73	2.75	3.50	2.97	3.58	2.80	3.75	2.90
	S.E.	0.04	0.07	0.03	0.08	0.04	0.07	0.03	0.06	0.04	0.04	0.04	0.04	0.04	0.03	0.11	0.02
Fine Arts	Mean	2.13	1.10	1.12	2.14	1.84	0.97	1.06	1.91	1.68	1.01	0.92	2.06	1.44	1.02	0.88	2.01
	S.E.	0.09	0.06	0.04	0.12	0.05	0.07	0.04	0.09	0.05	0.09	0.04	0.08	0.04	0.05	0.05	0.06
Foreign Languages	Mean	2.29	0.59	1.37	1.50	2.17	0.54	1.19	1.31	2.08	0.55	1.01	1.19	1.74	0.37	0.60	0.80
	S.E.	0.04	0.06	0.04	0.11	0.04	0.04	0.04	0.08	0.04	0.05	0.05	0.07	0.04	0.02	0.05	0.04
Computer-related Studies	Mean	0.67	0.79	1.08	0.55	0.60	0.65	0.85	0.45	0.52	0.53	0.70	0.41	0.14	0.17	0.22	0.09
	S.E.	0.03	0.06	0.06	0.03	0.02	0.05	0.04	0.03	0.02	0.05	0.03	0.03	0.01	0.02	0.03	0.01
Consumer & Homemaking Education	Mean	0.45	0.57	0.44	0.82	0.45	0.70	0.48	0.91	0.47	0.62	0.49	0.97	0.42	0.64	0.55	1.08
	S.E.	0.03	0.07	0.04	0.07	0.03	0.07	0.03	0.06	0.03	0.03	0.03	0.08	0.01	0.03	0.07	0.03
General Labor Market Preparation	Mean	0.52	1.17	0.61	1.21	0.58	1.01	0.71	1.31	0.71	1.03	0.81	1.23	0.82	1.11	0.94	1.36
	S.E.	0.03	0.11	0.04	0.13	0.02	0.05	0.03	0.08	0.02	0.06	0.03	0.08	0.02	0.05	0.04	0.05
Specific Labor Market Preparation																	
Agriculture/Renewable Resources	Mean	0.07	0.58	0.54	0.16	0.07	0.79	0.60	0.17	0.05	0.69	0.43	0.13	0.05	0.49	0.40	0.10
	S.E.	0.01	0.12	0.10	0.02	0.01	0.11	0.06	0.02	0.01	0.09	0.07	0.02	0.01	0.06	0.08	0.01
Business	Mean	0.52	0.75	1.18	0.58	0.63	1.45	1.52	0.71	0.58	1.60	1.62	0.77	0.49	1.88	1.70	0.84
	S.E.	0.02	0.06	0.08	0.05	0.02	0.12	0.06	0.04	0.02	0.11	0.08	0.03	0.02	0.07	0.08	0.02
Marketing & Distribution	Mean	0.08	0.35	0.36	0.16	0.08	0.38	0.41	0.19	0.06	0.32	0.37	0.16	0.04	0.29	0.26	0.14
	S.E.	0.01	0.07	0.04	0.03	0.01	0.06	0.04	0.04	0.01	0.05	0.05	0.02	0.00	0.03	0.04	0.02



Table 39.—Mean number of credits (Carnegie Units) earned in various subject fields by student program in 1998, 1994, 1990, and 1982  
(Continued)

Subject Field		1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
		Acad	Voc.	Both	Neither	Acad	Voc.	Both	Neither	Acad	Voc.	Both	Neither	Acad	Voc.	Both	Neither
Health	Mean	0.05	0.17	0.43	0.06	0.04	0.17	0.16	0.06	0.01	0.11	0.08	0.03	0.02	0.09	0.10	0.03
	S.E.	0.01	0.04	0.12	0.01	0.01	0.03	0.02	0.01	0.00	0.02	0.01	0.01	0.00	0.02	0.02	0.01
Occupational Home Economics	Mean	0.10	0.56	0.39	0.19	0.08	0.55	0.41	0.20	0.06	0.51	0.33	0.14	0.05	0.35	0.27	0.15
	S.E.	0.01	0.10	0.04	0.02	0.01	0.07	0.04	0.03	0.01	0.07	0.04	0.02	0.00	0.04	0.05	0.01
Trade & Industry	Mean	0.30	3.05	1.78	0.52	0.27	2.46	1.68	0.51	0.29	2.71	1.79	0.55	0.32	2.36	1.93	0.45
	S.E.	0.01	0.25	0.12	0.04	0.01	0.14	0.18	0.02	0.01	0.16	0.09	0.03	0.01	0.07	0.11	0.02
Technical & Communications	Mean	0.35	0.54	0.62	0.32	0.21	0.25	0.27	0.16	0.24	0.16	0.23	0.17	0.11	0.11	0.14	0.10
	S.E.	0.02	0.06	0.05	0.03	0.02	0.04	0.02	0.02	0.01	0.02	0.02	0.01	0.01	0.02	0.02	0.01
Unidentified Subject	Mean	0.06	0.57	0.31	0.21	0.04	0.59	0.33	0.17	0.04	0.38	0.28	0.18	0.02	0.20	0.11	0.07
	S.E.	0.01	0.13	0.06	0.03	0.01	0.13	0.05	0.03	0.01	0.06	0.05	0.03	0.00	0.02	0.02	0.01
General Skills	Mean	0.48	0.60	0.32	0.95	0.34	0.34	0.21	0.68	0.33	0.32	0.21	0.57	0.23	0.18	0.15	0.34
	S.E.	0.03	0.05	0.03	0.10	0.02	0.04	0.02	0.08	0.03	0.04	0.02	0.06	0.02	0.01	0.02	0.02
Personal Health & Physical Education	Mean	2.37	2.17	2.23	2.37	2.23	2.05	2.15	2.32	2.26	2.14	2.20	2.39	2.22	2.23	2.35	2.45
	S.E.	0.08	0.12	0.08	0.11	0.06	0.09	0.06	0.10	0.07	0.08	0.06	0.11	0.06	0.05	0.09	0.06
Religion	Mean	0.32	0.05	0.04	0.15	0.30	0.01	0.08	0.08	0.33	0.03	0.07	0.14	0.36	0.07	0.17	0.15
	S.E.	0.05	0.04	0.02	0.08	0.06	0.00	0.04	0.02	0.05	0.01	0.02	0.04	0.03	0.01	0.04	0.03
Military Science	Mean	0.08	0.04	0.06	0.10	0.05	0.05	0.05	0.07	0.05	0.02	0.04	0.04	0.03	0.02	0.01	0.07
	S.E.	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01
Special Education	Mean	0.17	0.80	0.25	0.94	0.12	0.53	0.24	0.96	0.11	0.41	0.21	0.43	0.01	0.02	0.02	0.05
	S.E.	0.02	0.09	0.04	0.17	0.01	0.08	0.04	0.13	0.01	0.06	0.04	0.06	0.00	0.01	0.01	0.01
All Courses Other Than Above	Mean	0.02	0.03	0.01	0.11	0.01	0.01	0.01	0.07	0.01	0.01	0.01	0.06	0.00	0.00	0.00	0.00
	S.E.	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00

Table 40.—Mean number of credits (Carnegie Units) earned in various subject fields by community type in 1998, 1994, and 1990

Subject Field		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Mathematics	Mean	3.60	3.52	3.39	3.49	3.50	3.41	3.33	3.35	3.31	3.25	3.16
	S.E.	0.05	0.05	0.05	0.05	0.06	0.05	0.03	0.06	0.04	0.05	0.05
Science	Mean	3.20	3.14	3.10	3.04	3.13	3.05	3.03	2.78	2.81	2.65	2.79
	S.E.	0.07	0.04	0.03	0.08	0.07	0.07	0.04	0.08	0.04	0.08	0.05
English	Mean	4.23	4.06	4.17	4.39	4.10	4.23	4.25	4.24	4.10	4.14	4.10
	S.E.	0.04	0.05	0.09	0.10	0.04	0.07	0.05	0.09	0.05	0.04	0.05
Social Studies	Mean	3.76	3.84	3.74	3.57	3.68	3.59	3.55	3.67	3.58	3.57	3.43
	S.E.	0.06	0.04	0.09	0.06	0.06	0.09	0.07	0.11	0.07	0.08	0.07
Fine Arts	Mean	1.97	1.87	1.83	1.52	1.68	1.58	1.69	1.51	1.45	1.63	1.54
	S.E.	0.21	0.06	0.09	0.09	0.05	0.07	0.07	0.08	0.06	0.12	0.07
Foreign Languages	Mean	2.14	2.14	1.67	2.13	2.21	1.86	1.46	2.02	1.94	1.72	1.39
	S.E.	0.08	0.08	0.08	0.09	0.06	0.09	0.05	0.11	0.08	0.09	0.06
Computer-related Studies	Mean	0.66	0.72	0.87	0.56	0.66	0.62	0.68	0.61	0.50	0.49	0.56
	S.E.	0.05	0.04	0.06	0.03	0.04	0.05	0.04	0.05	0.04	0.05	0.03
Consumer & Homemaking Education	Mean	0.34	0.43	0.66	0.32	0.43	0.42	0.64	0.40	0.43	0.50	0.65
	S.E.	0.05	0.03	0.08	0.03	0.04	0.04	0.05	0.05	0.03	0.04	0.04
General Labor Market Preparation	Mean	0.49	0.51	0.81	0.58	0.51	0.58	0.84	0.75	0.76	0.80	0.86
	S.E.	0.05	0.03	0.07	0.05	0.04	0.04	0.04	0.05	0.04	0.10	0.04
Specific Labor Market Preparation												
Agriculture/Renewable Resources	Mean	0.05	0.11	0.42	0.04	0.04	0.10	0.45	0.04	0.03	0.04	0.34
	S.E.	0.01	0.02	0.09	0.01	0.01	0.03	0.05	0.01	0.01	0.01	0.04

Table 40.—Mean number of credits (Carnegie Units) earned in various subject fields by community type in 1998, 1994, and 1990  
(Continued)

Subject Field		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Business	Mean	0.55	0.60	0.84	0.72	0.81	0.80	0.96	0.90	0.73	0.87	0.95
	S.E.	0.07	0.03	0.05	0.06	0.06	0.07	0.04	0.13	0.05	0.07	0.04
Marketing & Distribution	Mean	0.18	0.19	0.07	0.16	0.16	0.19	0.17	0.16	0.15	0.19	0.13
	S.E.	0.03	0.03	0.02	0.02	0.03	0.03	0.02	0.03	0.02	0.04	0.02
Health	Mean	0.20	0.09	0.11	0.05	0.08	0.10	0.07	0.02	0.02	0.03	0.05
	S.E.	0.08	0.01	0.02	0.01	0.02	0.02	0.01	0.00	0.01	0.01	0.01
Occupational Home Economics	Mean	0.19	0.18	0.16	0.17	0.11	0.22	0.21	0.17	0.12	0.20	0.16
	S.E.	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.03	0.02	0.04	0.02
Trade & Industry	Mean	0.56	0.68	0.92	0.64	0.56	0.56	0.85	0.54	0.77	0.75	0.92
	S.E.	0.06	0.06	0.09	0.16	0.04	0.05	0.04	0.06	0.08	0.06	0.05
Technical & Communications	Mean	0.38	0.38	0.48	0.21	0.20	0.25	0.23	0.27	0.23	0.19	0.21
	S.E.	0.03	0.03	0.05	0.02	0.02	0.04	0.02	0.03	0.02	0.04	0.02
Unidentified Subject	Mean	0.11	0.16	0.14	0.09	0.19	0.11	0.14	0.09	0.11	0.10	0.15
	S.E.	0.03	0.02	0.02	0.03	0.04	0.02	0.02	0.03	0.02	0.04	0.03
General Skills	Mean	0.49	0.48	0.46	0.29	0.35	0.35	0.33	0.42	0.36	0.29	0.30
	S.E.	0.05	0.05	0.05	0.02	0.03	0.06	0.03	0.07	0.05	0.05	0.04
Personal Health & Physical Education	Mean	2.30	2.40	2.29	2.07	2.26	2.14	2.26	2.06	2.58	2.21	2.14
	S.E.	0.13	0.10	0.14	0.11	0.08	0.08	0.10	0.11	0.11	0.28	0.06
Religion	Mean	0.46	0.16	0.12	0.81	0.19	0.09	0.06	0.59	0.25	0.45	0.08
	S.E.	0.09	0.06	0.07	0.23	0.07	0.05	0.02	0.13	0.07	0.14	0.03

Table 40.—Mean number of credits (Carnegie Units) earned in various subject fields by community type in 1998, 1994, and 1990  
(Continued)

Subject Field		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Military Science	Mean	0.10	0.07	0.05	0.08	0.03	0.08	0.05	0.07	0.03	0.06	0.04
	S.E.	0.01	0.01	0.02	0.03	0.01	0.02	0.01	0.02	0.01	0.02	0.01
Special Education	Mean	0.29	0.28	0.19	0.19	0.17	0.22	0.26	0.17	0.20	0.25	0.18
	S.E.	0.05	0.02	0.04	0.05	0.03	0.04	0.04	0.04	0.02	0.09	0.02
All Courses Other Than Above	Mean	0.01	0.04	0.01	0.03	0.02	0.01	0.01	0.02	0.03	0.01	0.01
	S.E.	0.01	0.01	0.01	0.02	0.00	0.01	0.00	0.01	0.01	0.00	0.00

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.

Table 41.—Mean number of credits (Carnegie Units) earned in various subject fields by school type (public/nonpublic) in 1998, 1994, 1990, and 1982

Subject Field		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Non-Public	Public	Non-Public	Public	Non-Public	Public	Non-Public
Mathematics	Mean	3.46	3.99	3.38	3.85	3.20	3.64	2.57	3.23
	S.E.	0.03	0.10	0.03	0.06	0.03	0.05	0.02	0.07
Science	Mean	3.13	3.35	3.04	3.26	2.75	3.06	2.17	2.57
	S.E.	0.03	0.15	0.03	0.08	0.03	0.06	0.02	0.05
English	Mean	4.13	4.33	4.20	4.61	4.09	4.44	3.90	4.15
	S.E.	0.04	0.07	0.03	0.21	0.03	0.08	0.02	0.07
Social Studies	Mean	3.79	3.71	3.58	3.71	3.50	3.72	3.19	3.63
	S.E.	0.04	0.16	0.04	0.14	0.04	0.10	0.04	0.09
Fine Arts	Mean	1.90	1.82	1.66	1.46	1.55	1.28	1.46	1.24
	S.E.	0.08	0.20	0.04	0.14	0.04	0.07	0.04	0.12
Foreign Languages	Mean	1.92	2.82	1.77	2.52	1.59	2.33	0.97	2.01
	S.E.	0.04	0.17	0.03	0.13	0.05	0.09	0.03	0.09
Computer-related Studies	Mean	0.76	0.65	0.65	0.59	0.55	0.49	0.14	0.10
	S.E.	0.03	0.08	0.02	0.06	0.02	0.03	0.01	0.02
Consumer & Homemaking Education	Mean	0.51	0.11	0.52	0.20	0.57	0.18	0.69	0.31
	S.E.	0.03	0.04	0.03	0.06	0.03	0.03	0.01	0.04
General Labor Market Preparation	Mean	0.63	0.28	0.70	0.40	0.83	0.63	1.08	0.70
	S.E.	0.03	0.08	0.02	0.06	0.03	0.07	0.03	0.06
Specific Labor Market Preparation									
Agriculture/Renewable Resources	Mean	0.20	0.00	0.24	0.01	0.20	0.02	0.22	0.02
	S.E.	0.03	0.00	0.02	0.01	0.02	0.01	0.02	0.01
Business	Mean	0.70	0.28	0.89	0.50	0.90	0.61	1.05	0.72
	S.E.	0.03	0.08	0.03	0.09	0.04	0.07	0.02	0.06

Table 41.—Mean number of credits (Carnegie Units) earned in various subject fields by school type (public/nonpublic) in 1998, 1994, 1990, and 1982  
(Continued)

Subject Field		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Non-Public	Public	Non-Public	Public	Non-Public	Public	Non-Public
Marketing & Distribution	Mean	0.17	0.00	0.18	0.02	0.16	0.02	0.16	0.04
	S.E.	0.01	0.00	0.01	0.02	0.01	0.01	0.01	0.02
Health	Mean	0.14	0.01	0.08	0.01	0.04	0.00	0.05	0.01
	S.E.	0.03	0.00	0.01	0.01	0.01	0.00	0.01	0.00
Occupational Home Economics	Mean	0.19	0.04	0.19	0.01	0.17	0.01	0.18	0.05
	S.E.	0.01	0.02	0.01	0.01	0.01	0.00	0.01	0.01
Trade & Industry	Mean	0.78	0.12	0.70	0.64	0.87	0.19	1.06	0.31
	S.E.	0.04	0.04	0.03	0.35	0.04	0.03	0.03	0.04
Technical & Communications	Mean	0.41	0.39	0.22	0.18	0.22	0.24	0.12	0.09
	S.E.	0.02	0.09	0.02	0.04	0.01	0.03	0.01	0.01
Unidentified Subject	Mean	0.15	0.00	0.15	0.00	0.14	0.03	0.09	0.01
	S.E.	0.02	0.00	0.02	0.00	0.02	0.02	0.01	0.01
General Skills	Mean	0.50	0.28	0.35	0.19	0.34	0.24	0.25	0.16
	S.E.	0.03	0.07	0.02	0.05	0.03	0.04	0.01	0.04
Personal Health & Physical Education	Mean	2.34	2.25	2.26	1.59	2.32	1.53	2.37	1.66
	S.E.	0.07	0.28	0.06	0.17	0.06	0.14	0.06	0.09
Religion	Mean	0.02	2.55	0.01	2.73	0.02	2.42	0.02	1.93
	S.E.	0.01	0.27	0.00	0.30	0.00	0.22	0.00	0.10
Military Science	Mean	0.08	0.00	0.06	0.01	0.04	0.07	0.04	0.00
	S.E.	0.01	0.00	0.01	0.00	0.01	0.05	0.00	0.00
Special Education	Mean	0.28	0.00	0.24	0.00	0.21	0.01	0.02	0.00
	S.E.	0.03	0.00	0.02	0.00	0.02	0.01	0.00	0.00

Table 41.—Mean number of credits (Carnegie Units) earned in various subject fields by school type (public/nonpublic) in 1998, 1994, 1990, and 1982  
(Continued)

Subject Field		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Non-Public	Public	Non-Public	Public	Non-Public	Public	Non-Public
All Courses Other Than Above	Mean	0.02	0.02	0.01	0.04	0.01	0.02	0.00	0.00
	S.E.	0.00	0.01	0.00	0.03	0.00	0.01	0.00	0.00

Table 42.—Mean number of credits (Carnegie Units) earned in various subject fields by region in 1998, 1994, 1990, and 1982

Subject Field		1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
		North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Mathematics	Mean	3.62	3.64	3.39	3.33	3.53	3.46	3.31	3.38	3.39	3.37	2.98	3.20	2.92	2.62	2.51	2.50
	S.E.	0.10	0.05	0.05	0.06	0.06	0.04	0.04	0.06	0.04	0.05	0.07	0.05	0.04	0.04	0.04	0.03
Science	Mean	3.37	3.30	3.05	2.84	3.39	3.09	3.00	2.81	3.09	2.88	2.54	2.59	2.63	2.22	2.07	1.89
	S.E.	0.10	0.05	0.05	0.07	0.07	0.04	0.06	0.04	0.04	0.05	0.06	0.04	0.05	0.02	0.04	0.05
English	Mean	4.09	4.29	4.04	4.10	4.26	4.34	4.12	4.13	4.17	4.29	3.92	4.06	4.04	4.07	3.75	3.82
	S.E.	0.15	0.05	0.06	0.05	0.11	0.03	0.06	0.09	0.07	0.02	0.09	0.06	0.04	0.03	0.05	0.05
Social Studies	Mean	4.25	3.77	3.56	3.68	3.97	3.53	3.42	3.66	3.66	3.47	3.41	3.59	3.42	3.09	3.25	3.28
	S.E.	0.12	0.05	0.09	0.07	0.10	0.04	0.10	0.10	0.13	0.05	0.07	0.08	0.06	0.03	0.06	0.06
Fine Arts	Mean	1.76	1.89	1.89	2.01	1.58	1.56	1.73	1.74	1.50	1.38	1.62	1.67	1.26	1.27	1.64	1.64
	S.E.	0.16	0.16	0.14	0.07	0.10	0.05	0.10	0.09	0.11	0.05	0.09	0.06	0.06	0.05	0.06	0.07
Foreign Languages	Mean	2.51	1.92	1.79	1.94	2.48	1.53	1.78	1.99	2.14	1.40	1.43	1.90	1.71	0.78	0.88	1.13
	S.E.	0.13	0.07	0.09	0.09	0.07	0.06	0.07	0.07	0.05	0.06	0.09	0.12	0.06	0.04	0.04	0.06
Computer-related Studies	Mean	0.70	0.96	0.69	0.54	0.67	0.74	0.57	0.53	0.64	0.57	0.49	0.45	0.17	0.10	0.17	0.11
	S.E.	0.07	0.06	0.06	0.03	0.07	0.03	0.05	0.03	0.04	0.03	0.05	0.04	0.01	0.01	0.01	0.02
Consumer & Homemaking Education	Mean	0.30	0.54	0.55	0.43	0.32	0.54	0.59	0.41	0.35	0.68	0.59	0.44	0.40	0.71	0.81	0.62
	S.E.	0.08	0.06	0.07	0.04	0.04	0.06	0.05	0.03	0.04	0.05	0.04	0.04	0.03	0.04	0.03	0.03
General Labor Market Preparation	Mean	0.49	0.60	0.67	0.61	0.62	0.70	0.71	0.60	0.77	0.81	0.87	0.78	0.98	1.06	0.99	1.15
	S.E.	0.03	0.06	0.06	0.06	0.06	0.04	0.04	0.04	0.05	0.03	0.06	0.03	0.03	0.04	0.05	0.05
Specific Labor Market Preparation																	
Agriculture/Renewable Resources	Mean	0.02	0.30	0.19	0.15	0.03	0.32	0.24	0.14	0.10	0.29	0.16	0.12	0.06	0.28	0.23	0.18
	S.E.	0.01	0.05	0.09	0.04	0.02	0.04	0.05	0.03	0.03	0.05	0.04	0.03	0.01	0.04	0.02	0.04
Business	Mean	0.69	0.79	0.61	0.49	0.86	0.92	0.93	0.59	0.93	0.87	1.02	0.61	0.96	1.00	1.20	0.78
	S.E.	0.10	0.07	0.04	0.03	0.10	0.04	0.06	0.05	0.10	0.04	0.06	0.05	0.06	0.03	0.04	0.05



Table 42.—Mean number of credits (Carnegie Units) earned in various subject fields by region in 1998, 1994, 1990, and 1982  
(Continued)

Subject Field		1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
		North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Marketing & Distribution	Mean	0.08	0.20	0.15	0.15	0.11	0.21	0.17	0.11	0.12	0.22	0.12	0.10	0.13	0.18	0.16	0.08
	S.E.	0.03	0.03	0.03	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01
Health	Mean	0.08	0.23	0.07	0.08	0.07	0.10	0.06	0.04	0.02	0.05	0.05	0.02	0.05	0.06	0.03	0.04
	S.E.	0.04	0.07	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Occupational Home Economics	Mean	0.18	0.19	0.13	0.22	0.14	0.24	0.13	0.13	0.12	0.22	0.14	0.11	0.11	0.20	0.16	0.16
	S.E.	0.04	0.02	0.02	0.03	0.04	0.02	0.01	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.01	0.03
Trade & Industry	Mean	0.80	0.57	0.88	0.69	0.98	0.63	0.68	0.62	0.81	0.72	1.01	0.69	0.97	0.79	1.12	1.07
	S.E.	0.12	0.05	0.10	0.06	0.22	0.05	0.04	0.05	0.10	0.06	0.06	0.07	0.06	0.04	0.06	0.07
Technical & Communications	Mean	0.34	0.51	0.44	0.28	0.23	0.25	0.19	0.17	0.27	0.21	0.23	0.18	0.15	0.07	0.14	0.09
	S.E.	0.07	0.04	0.05	0.04	0.03	0.02	0.04	0.03	0.02	0.02	0.03	0.02	0.01	0.01	0.01	0.01
Unidentified Subject	Mean	0.05	0.19	0.18	0.10	0.15	0.16	0.12	0.11	0.12	0.15	0.13	0.09	0.06	0.11	0.06	0.09
	S.E.	0.02	0.04	0.04	0.01	0.03	0.03	0.02	0.03	0.05	0.03	0.03	0.03	0.02	0.02	0.01	0.02
General Skills	Mean	0.28	0.40	0.44	0.82	0.13	0.24	0.29	0.78	0.13	0.20	0.36	0.73	0.08	0.22	0.18	0.59
	S.E.	0.07	0.03	0.06	0.09	0.02	0.02	0.05	0.06	0.03	0.02	0.07	0.07	0.01	0.02	0.02	0.04
Personal Health & Physical Education	Mean	2.30	2.31	1.95	2.85	2.30	2.21	1.95	2.55	2.30	2.27	1.82	2.76	2.01	2.36	2.00	3.05
	S.E.	0.24	0.12	0.16	0.07	0.15	0.07	0.16	0.10	0.16	0.07	0.14	0.10	0.08	0.08	0.06	0.07
Religion	Mean	0.31	0.26	0.17	0.25	0.44	0.09	0.31	0.22	0.40	0.13	0.28	0.18	0.30	0.16	0.29	0.11
	S.E.	0.16	0.09	0.05	0.12	0.18	0.04	0.10	0.12	0.10	0.04	0.08	0.06	0.05	0.03	0.06	0.03
Military Science	Mean	0.01	0.17	0.02	0.05	0.02	0.10	0.02	0.04	0.03	0.08	0.02	0.04	0.01	0.08	0.02	0.02
	S.E.	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.00	0.01	0.01	0.01
Special Education	Mean	0.26	0.19	0.30	0.29	0.19	0.25	0.18	0.24	0.14	0.14	0.27	0.23	0.01	0.02	0.01	0.05
	S.E.	0.09	0.04	0.03	0.03	0.06	0.04	0.02	0.05	0.03	0.02	0.04	0.03	0.00	0.01	0.01	0.02
All Courses Other Than Above	Mean	0.02	0.02	0.02	0.02	0.00	0.01	0.02	0.02	0.02	0.01	0.01	0.03	0.00	0.00	0.00	0.00
	S.E.	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00

Table 43.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in English courses in 1998, 1994, 1990, and 1982

Courses Taken		1998 Graduates	1994 Graduates	1990 Graduates	1982 Graduates
Any English (1.00)	Percent	99.84	99.93	99.96	99.96
	S.E.	0.08	0.02	0.02	0.02
Survey English (1.00)	Percent	97.40	96.63	95.94	94.03
	S.E.	0.36	0.70	0.93	0.85
AP/IB/Honors English (1.00)	Percent	16.79	14.84	10.81	5.98
	S.E.	0.87	0.99	0.86	0.48
Any Remedial/Below Grade English (1.00)	Percent	11.85	15.17	15.24	15.00
	S.E.	1.08	1.24	1.00	0.83
English as a Second Language (1.00)	Percent	2.13	1.89	1.97	0.27
	S.E.	0.24	0.23	0.47	0.04
Survey English (2.00)	Percent	87.27	85.31	87.58	80.52
	S.E.	1.96	2.16	1.93	1.29
Survey English (3.00)	Percent	66.60	72.54	72.19	59.36
	S.E.	3.03	2.49	2.60	1.29
Survey English (4.00)	Percent	43.46	55.37	51.87	33.79
	S.E.	2.85	2.32	2.73	1.38
Literature (1.00)	Percent	27.62	24.39	23.98	31.51
	S.E.	2.56	2.30	2.20	1.44
Composition (1.00)	Percent	21.71	13.57	11.57	16.16
	S.E.	1.63	1.08	1.25	0.95
Speech (1.00)	Percent	5.90	5.90	5.82	5.87
	S.E.	0.65	0.63	0.80	0.61

Table 44.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in English courses in 1998, 1994, 1990, and 1982, by gender

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
Any English (1.00)	Percent	99.88	99.81	99.94	99.91	99.97	99.95	99.99	99.92
	S.E.	0.04	0.11	0.02	0.03	0.02	0.03	0.01	0.05
Survey English (1.00)	Percent	97.79	96.90	97.22	96.05	96.18	95.66	94.54	93.48
	S.E.	0.42	0.39	0.61	0.80	1.08	0.83	0.72	1.11
AP/IB/Honors English (1.00)	Percent	20.39	12.86	17.49	12.06	12.70	8.79	6.99	4.88
	S.E.	1.04	0.78	1.17	0.86	1.00	0.80	0.66	0.48
Any Remedial/Below Grade English (1.00)	Percent	9.88	14.04	12.53	17.89	12.65	18.05	13.39	16.76
	S.E.	0.99	1.33	1.22	1.32	0.93	1.17	1.09	0.85
English as a Second Language (1.00)	Percent	2.11	2.17	1.76	1.99	1.97	1.97	0.20	0.35
	S.E.	0.24	0.27	0.25	0.24	0.52	0.45	0.06	0.07
Survey English (2.00)	Percent	87.77	86.86	86.24	84.36	87.86	87.25	80.86	80.15
	S.E.	2.05	1.97	2.13	2.25	2.09	1.81	1.33	1.52
Survey English (3.00)	Percent	66.24	67.16	73.35	71.71	72.05	72.37	59.10	59.65
	S.E.	3.18	3.05	2.51	2.63	2.69	2.59	1.18	1.92
Survey English (4.00)	Percent	43.90	43.79	57.02	53.70	52.24	51.48	34.64	32.87
	S.E.	2.96	2.86	2.35	2.44	2.83	2.75	1.51	1.54
Literature (1.00)	Percent	28.88	26.09	24.75	24.01	25.70	22.08	32.43	30.51
	S.E.	2.65	2.64	2.38	2.40	2.37	2.08	1.40	1.65
Composition (1.00)	Percent	25.57	17.43	14.99	12.09	13.47	9.42	18.06	14.09
	S.E.	1.87	1.52	1.09	1.27	1.40	1.11	0.88	1.21
Speech (1.00)	Percent	6.38	5.41	6.13	5.68	6.30	5.32	6.01	5.71
	S.E.	0.71	0.74	0.57	0.84	0.81	0.83	0.63	0.80

Table 45.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in English courses in 1998, 1994, 1990, and 1982, by race/ethnicity

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Any English (1.00)																				
Percent	99.90	99.89	99.46	99.53	99.21	99.97	100.00	99.75	99.35	100.00	99.98	100.00	99.91	99.81	100.00	99.97	99.86	100.00	99.77	100.00
S.E.	0.07	0.07	0.16	0.29	0.82	0.02	0.00	0.09	0.25	0.00	0.02	0.00	0.09	0.18	0.00	0.03	0.15	0.00	0.23	0.00
Survey English (1.00)																				
Percent	97.83	96.17	95.83	95.86	97.86	96.99	96.73	94.37	95.91	92.58	96.46	96.04	92.64	93.53	96.15	93.72	95.49	94.83	93.57	91.54
S.E.	0.32	1.35	0.69	0.70	1.70	0.85	0.75	0.65	1.42	2.14	1.07	0.91	2.12	2.95	1.95	0.99	0.87	0.71	1.97	3.99
AP/IB/Honors English (1.00)																				
Percent	18.24	15.06	12.19	20.18	5.85	15.41	10.14	12.83	20.69	4.13	11.44	7.31	8.01	17.52	7.43	6.85	3.45	2.77	8.17	2.97
S.E.	0.99	1.73	1.29	3.04	1.58	1.14	1.50	1.68	2.44	1.57	0.96	1.05	1.17	4.09	2.90	0.54	0.81	0.48	2.04	1.84
Any Remedial/Below Grade English (1.00)																				
Percent	10.04	17.64	19.75	11.50	11.59	12.16	21.18	28.98	20.63	22.90	11.71	25.12	31.09	19.09	14.51	12.82	21.00	21.18	15.15	29.98
S.E.	1.12	2.04	2.68	1.82	2.61	1.30	1.98	3.73	4.22	8.32	0.95	2.26	4.06	2.23	3.08	0.79	2.08	1.37	3.14	9.06
English as a Second Language (1.00)																				
Percent	0.43	1.22	11.86	12.21	0.23	0.35	0.91	11.43	14.03	1.50	0.23	1.44	14.21	13.60	0.00	0.03	0.01	1.24	5.54	0.97
S.E.	0.11	0.45	1.26	2.79	0.23	0.06	0.30	1.63	2.73	0.88	0.09	0.78	3.85	4.11	0.00	0.03	0.02	0.33	1.09	0.64
Survey English (2.00)																				
Percent	87.36	87.65	87.02	86.12	87.36	85.23	88.21	83.64	83.28	72.13	87.66	89.98	84.51	85.26	86.54	79.64	83.34	83.03	82.89	79.02
S.E.	2.41	3.03	1.58	2.85	4.17	2.67	2.05	1.54	3.32	12.93	2.39	2.06	2.26	4.68	4.78	1.49	1.80	1.19	2.67	4.94
Survey English (3.00)																				
Percent	66.04	70.82	67.45	68.29	67.95	73.08	75.54	69.71	71.13	61.61	72.26	77.28	65.18	71.37	75.44	57.59	68.08	63.29	57.41	59.03
S.E.	3.36	5.93	2.98	5.91	6.14	3.15	3.20	2.86	4.74	10.67	3.14	3.33	4.03	7.91	6.36	1.45	2.12	2.16	3.35	7.73
Survey English (4.00)																				
Percent	42.53	53.98	45.76	47.95	49.67	55.82	59.56	55.07	55.58	43.10	52.25	56.29	43.65	50.28	56.30	32.64	42.31	36.18	25.42	29.31
S.E.	2.96	6.68	3.68	8.55	5.44	2.94	4.16	3.65	5.34	7.00	3.20	4.23	4.09	7.29	7.81	1.51	2.37	1.89	3.27	7.24
Literature (1.00)																				
Percent	27.25	26.68	23.99	22.86	22.51	25.84	20.75	16.82	22.37	29.69	24.43	19.18	24.23	30.59	17.63	33.57	25.18	25.04	28.04	24.84
S.E.	2.81	5.50	3.67	5.56	3.91	2.90	2.96	3.75	4.17	12.41	2.41	3.17	5.13	4.10	5.22	1.63	2.26	1.84	2.56	6.45

Table 45.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in English courses in 1998, 1994, 1990, and 1982, by race/ethnicity  
(Continued)

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Composition (1.00)																				
Percent	24.01	14.76	17.03	23.00	20.02	14.35	11.83	13.99	9.84	6.90	12.07	10.29	10.63	10.94	12.50	16.84	15.37	12.37	17.33	12.37
S.E.	2.06	1.57	1.53	3.67	2.87	1.39	1.88	2.00	1.34	2.66	1.49	2.14	2.48	1.02	3.33	1.18	1.54	1.19	2.00	3.31
Speech (1.00)																				
Percent	6.70	4.45	5.00	2.75	3.81	6.16	7.52	3.70	3.94	6.34	6.14	6.11	3.88	3.35	6.26	5.99	6.91	4.87	3.55	2.09
S.E.	0.82	1.14	0.74	0.78	1.57	0.84	1.48	1.00	1.31	2.32	1.01	1.25	0.65	0.59	2.35	0.69	1.21	0.75	0.90	1.42

Table 46.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in English courses in 1998, 1994, 1990, and 1982, by student program

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Any English (1.00)																
Percent	99.95	99.47	99.97	98.18	99.99	99.74	100.00	99.09	99.99	100.00	100.00	99.66	100.00	99.90	100.00	99.93
S.E.	0.02	0.27	0.03	1.04	0.01	0.14	0.00	0.27	0.01	0.00	0.00	0.17	0.00	0.09	0.00	0.06
Survey English (1.00)																
Percent	98.40	92.51	98.10	85.58	97.49	93.12	97.00	88.78	97.70	93.29	95.61	87.42	95.92	94.17	95.41	90.22
S.E.	0.27	0.84	0.35	3.10	0.80	1.05	0.57	1.24	0.52	1.35	0.89	5.08	0.85	1.01	1.17	1.55
AP/IB/Honors English (1.00)																
Percent	20.54	0.43	10.90	1.71	19.13	0.60	7.94	1.71	15.34	0.41	4.83	1.79	10.58	1.81	4.46	2.64
S.E.	1.07	0.20	1.44	0.46	1.24	0.25	1.05	0.77	1.09	0.17	0.66	0.76	0.77	0.52	0.91	0.45
Any Remedial/Below Grade English (1.00)																
Percent	8.85	31.58	14.97	24.42	12.18	25.14	19.31	26.44	11.19	25.72	21.29	20.75	11.03	18.14	18.98	17.37
S.E.	0.84	4.08	1.87	3.24	1.37	2.58	1.47	1.83	0.79	2.81	1.77	2.45	0.76	1.30	2.65	1.59
English as a Second Language (1.00)																
Percent	1.75	2.89	0.86	11.05	1.65	1.80	1.02	7.96	1.46	3.31	0.76	6.04	0.22	0.13	0.07	0.56
S.E.	0.21	0.72	0.18	1.61	0.22	0.37	0.33	1.15	0.33	1.39	0.24	1.71	0.06	0.05	0.07	0.11
Survey English (2.00)																
Percent	88.12	79.84	92.03	64.94	86.13	81.64	88.47	68.55	90.30	82.77	89.25	71.52	83.32	80.16	84.84	74.60
S.E.	2.15	2.28	1.69	4.44	2.31	2.92	1.95	3.88	1.75	2.80	1.65	6.01	1.47	1.84	2.20	1.78
Survey English (3.00)																
Percent	66.77	53.87	76.74	38.18	73.61	63.35	78.97	47.76	76.05	59.58	79.12	47.98	63.43	58.81	67.23	50.21
S.E.	3.19	4.36	3.83	3.46	2.71	3.68	2.46	4.32	2.68	3.55	2.13	5.14	1.47	2.06	2.90	1.72
Survey English (4.00)																
Percent	43.22	20.28	57.32	15.51	57.71	35.18	62.60	24.72	57.79	30.97	60.22	20.41	41.18	27.98	48.31	21.51
S.E.	2.91	3.07	4.41	2.40	2.49	3.66	2.91	3.56	2.75	3.03	2.42	3.83	1.70	1.93	3.53	1.68
Literature (1.00)																
Percent	31.25	14.62	18.01	24.73	27.12	15.11	19.14	19.40	26.26	19.09	15.70	28.10	37.71	21.79	33.18	29.41
S.E.	2.78	3.13	3.37	4.53	2.45	2.79	2.51	2.83	2.38	2.96	1.90	5.52	1.88	1.45	3.02	1.88

Table 46.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in English courses in 1998, 1994, 1990, and 1982,  
by student program  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Composition (1.00)																
Percent	25.32	5.79	14.95	11.18	15.32	6.72	11.42	7.23	13.81	5.78	7.52	9.68	21.54	8.84	15.80	13.96
S.E.	1.94	1.09	1.45	2.42	1.23	1.37	1.54	1.55	1.43	1.31	1.31	1.48	1.52	0.72	2.07	0.91
Speech (1.00)																
Percent	6.70	1.95	4.55	3.42	6.69	2.85	4.74	3.67	7.61	1.16	3.52	2.80	7.70	2.98	8.70	4.45
S.E.	0.75	0.56	0.94	1.00	0.68	0.79	0.80	0.85	1.01	0.42	0.62	0.76	0.80	0.66	2.03	0.80

Table 47.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in English courses in 1998, 1994, and 1990, by community type

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Any English (1.00)	Percent	99.89	99.67	100.00	99.92	99.87	99.94	99.95	99.88	99.93	100.00	100.00
	S.E.	0.04	0.19	0.00	0.05	0.04	0.04	0.03	0.07	0.05	0.00	0.00
Survey English (1.00)	Percent	97.12	96.78	98.43	97.60	97.75	96.39	95.63	95.38	97.03	98.02	94.98
	S.E.	0.75	0.63	0.39	0.62	0.33	1.21	1.49	1.54	0.81	0.65	1.83
AP/IB/Honors English (1.00)	Percent	23.94	15.37	11.39	17.59	18.10	14.73	11.74	12.39	12.62	13.82	8.62
	S.E.	2.08	1.23	1.00	2.06	2.39	1.20	1.45	1.73	1.82	2.18	1.26
Any Remedial/Below Grade English (1.00)	Percent	11.24	12.19	12.05	13.29	16.83	18.10	13.90	17.43	17.11	15.94	13.39
	S.E.	1.49	1.37	2.68	2.08	3.36	2.99	1.89	2.42	1.88	3.17	1.46
English as a Second Language (1.00)	Percent	3.04	2.65	0.57	4.20	2.22	1.65	0.82	7.14	2.33	0.66	0.58
	S.E.	0.56	0.41	0.30	0.88	0.36	0.46	0.39	2.78	0.58	0.40	0.27
Survey English (2.00)	Percent	89.01	84.24	89.28	85.50	81.43	85.71	87.47	86.27	85.15	89.73	88.77
	S.E.	2.57	3.97	3.33	3.62	3.95	3.49	3.87	3.91	4.45	3.14	2.86
Survey English (3.00)	Percent	73.52	60.77	66.86	74.32	61.35	68.11	80.19	70.06	69.97	69.57	74.67
	S.E.	4.61	4.64	5.42	4.40	5.95	5.89	4.30	6.68	5.72	7.20	3.78
Survey English (4.00)	Percent	48.72	40.72	41.57	55.04	41.73	50.11	65.70	49.46	46.07	47.77	56.76
	S.E.	4.32	4.40	5.25	5.84	4.72	5.69	4.80	7.44	6.04	5.73	4.44
Literature (1.00)	Percent	25.36	30.06	26.87	25.99	35.25	28.01	15.82	35.22	24.69	27.60	19.41
	S.E.	4.71	4.06	5.38	4.17	5.16	5.23	4.02	7.69	4.05	4.56	3.28
Composition (1.00)	Percent	22.00	22.25	20.75	18.09	11.22	12.25	13.60	12.83	13.48	9.65	10.61
	S.E.	2.75	2.79	2.46	3.48	2.04	2.02	1.94	3.04	2.51	3.03	2.01
Speech (1.00)	Percent	4.47	4.88	8.58	6.92	3.97	6.12	6.59	5.32	6.21	6.03	5.71
	S.E.	0.88	0.82	1.59	0.87	0.85	1.44	1.43	1.24	1.47	1.67	1.32

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.



Table 48.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in English courses in 1998, 1994, 1990, and 1982, by school type (public/nonpublic)

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Nonpublic	Public	Nonpublic	Public	Nonpublic	Public	Nonpublic
Any English (1.00)	Percent	99.82	100.00	99.92	99.94	99.96	100.00	99.95	100.00
	S.E.	0.08	0.00	0.02	0.05	0.02	0.00	0.03	0.00
Survey English (1.00)	Percent	97.32	98.15	96.50	98.22	95.73	97.93	93.98	94.46
	S.E.	0.35	1.63	0.75	0.89	1.02	1.63	0.83	2.32
AP/IB/Honors English (1.00)	Percent	16.09	24.14	14.51	18.70	10.99	9.03	5.71	8.22
	S.E.	0.87	4.36	1.00	4.34	0.95	1.68	0.49	1.94
Any Remedial/Below Grade English (1.00)	Percent	12.65	3.59	15.89	6.79	15.86	9.07	15.95	7.16
	S.E.	1.13	1.68	1.30	2.62	1.12	1.54	0.95	0.92
English as a Second Language (1.00)	Percent	2.33	0.00	1.95	1.24	2.12	0.49	0.30	0.02
	S.E.	0.26	0.00	0.24	0.59	0.52	0.26	0.04	0.01
Survey English (2.00)	Percent	87.18	88.22	85.77	79.99	87.50	88.33	80.20	83.21
	S.E.	2.13	6.26	2.33	7.08	2.04	3.83	1.26	4.07
Survey English (3.00)	Percent	66.16	71.20	72.56	72.32	71.77	76.39	59.00	62.38
	S.E.	3.29	12.27	2.66	7.37	2.76	4.83	1.40	4.68
Survey English (4.00)	Percent	42.72	51.16	55.98	48.33	51.04	60.13	32.96	40.70
	S.E.	3.02	11.77	2.52	9.09	3.06	5.08	1.61	4.07
Literature (1.00)	Percent	26.54	38.84	23.01	40.39	23.04	33.34	30.49	39.93
	S.E.	2.89	13.18	2.56	7.70	2.35	5.16	1.47	5.26
Composition (1.00)	Percent	21.83	20.43	12.76	23.00	11.68	10.40	16.07	16.92
	S.E.	1.74	4.36	1.04	6.31	1.33	2.02	0.91	2.69
Speech (1.00)	Percent	5.72	7.81	5.95	5.37	5.55	8.51	5.70	7.27
	S.E.	0.64	2.65	0.67	1.58	0.82	2.04	0.67	2.02

Table 49.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in English courses in 1998, 1994, 1990, and 1982, by region

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Any English (1.00)																
Percent	99.85	99.97	99.93	99.54	99.93	99.95	99.96	99.81	99.89	99.98	99.98	100.00	100.00	99.95	99.92	99.98
S.E.	0.07	0.02	0.05	0.34	0.05	0.03	0.03	0.05	0.07	0.02	0.02	0.00	0.00	0.05	0.07	0.02
Survey English (1.00)																
Percent	97.46	98.02	97.27	96.55	98.09	96.46	96.31	96.25	98.47	96.54	92.73	96.53	97.38	96.68	90.08	91.46
S.E.	0.90	0.65	0.59	0.85	0.48	0.96	1.97	0.98	0.47	0.86	3.30	0.95	0.81	0.58	1.50	3.17
AP/IB/Honors English (1.00)																
Percent	18.01	22.34	11.11	14.08	18.22	17.97	9.62	13.10	10.71	13.15	8.11	10.66	8.69	6.30	3.13	6.68
S.E.	2.68	1.79	1.57	1.32	3.32	1.72	1.59	1.29	1.54	1.29	2.09	2.23	1.36	0.77	0.62	1.58
Any Remedial/Below Grade English (1.00)																
Percent	14.13	11.05	10.38	12.89	16.96	14.39	12.24	19.98	14.44	15.49	13.79	17.64	14.62	15.22	12.12	20.12
S.E.	2.33	2.03	1.63	2.39	4.09	1.42	1.85	4.28	3.10	1.43	1.47	2.60	2.46	1.12	1.53	1.61
English as a Second Language (1.00)																
Percent	2.24	1.50	1.00	4.29	2.69	1.38	0.82	4.06	1.99	1.07	0.38	5.63	0.33	0.22	0.05	0.66
S.E.	0.70	0.28	0.41	0.67	0.48	0.53	0.35	0.69	0.78	0.45	0.21	2.17	0.11	0.07	0.03	0.15
Survey English (2.00)																
Percent	93.51	88.78	82.71	85.15	89.62	90.52	75.36	85.64	92.68	91.20	77.95	89.07	87.05	89.66	69.80	73.43
S.E.	1.86	3.69	4.78	3.24	3.78	1.97	6.57	4.07	2.01	2.05	6.48	2.69	2.27	1.23	2.20	3.27
Survey English (3.00)																
Percent	75.12	76.67	48.65	65.30	77.95	83.54	52.10	75.58	77.31	86.58	53.99	67.12	70.49	78.89	39.33	43.05
S.E.	5.65	5.19	6.99	4.91	5.97	2.60	7.05	4.74	3.39	2.48	7.78	6.15	2.72	1.99	2.15	3.35
Survey English (4.00)																
Percent	43.95	60.40	24.70	39.45	46.82	73.95	32.32	58.05	61.22	75.80	22.80	40.93	46.12	54.25	13.17	15.18
S.E.	6.03	5.83	5.11	4.50	5.45	2.88	6.16	3.61	3.86	2.78	6.95	6.07	3.04	2.54	2.04	1.67
Literature (1.00)																
Percent	23.95	23.41	31.86	32.06	28.84	14.97	38.74	18.69	21.72	9.20	37.36	33.19	32.74	18.46	41.00	37.38
S.E.	5.02	5.21	5.00	3.85	5.28	2.80	6.19	4.46	2.84	2.33	5.43	5.27	2.75	2.10	2.64	3.20

Table 49.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in English courses in 1998, 1994, 1990, and 1982, by region  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Composition (1.00)																
Percent	19.05	23.51	21.48	21.47	10.03	11.60	20.04	10.87	6.70	10.59	16.37	11.93	11.46	11.70	20.10	23.93
S.E.	4.14	3.19	3.13	1.88	2.38	1.46	2.83	2.12	1.40	2.08	3.41	2.24	1.61	1.23	1.68	2.65
Speech (1.00)																
Percent	3.59	7.51	7.25	3.82	1.38	7.22	7.83	3.92	2.42	8.77	6.49	3.61	1.47	7.18	8.29	5.27
S.E.	1.28	1.31	1.71	0.63	0.65	0.81	1.86	0.61	0.35	1.48	2.14	0.55	0.35	1.21	1.62	0.97

Table 50.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, 1990, and 1982

Courses Taken		1998 Graduates	1994 Graduates	1990 Graduates	1982 Graduates
Any Social Studies (1.00)	Percent	99.91	99.91	99.82	99.86
	S.E.	0.03	0.02	0.10	0.05
American History (1.00)	Percent	90.46	94.84	91.15	81.46
	S.E.	1.64	0.76	1.56	1.03
World History (1.00)	Percent	60.19	59.40	51.88	36.28
	S.E.	3.07	2.18	2.56	1.17
American Government & Politics (0.50)	Percent	33.80	78.00	77.39	62.15
	S.E.	3.41	2.33	1.91	1.26
Humanities Other (1.00)	Percent	90.33	85.72	85.37	79.73
	S.E.	1.43	1.44	1.75	0.89
AP/IB/Honors American History (1.00)	Percent	13.10	10.56	8.03	3.23
	S.E.	0.99	0.83	0.83	0.41
AP/IB/Honors WestCiv/Euro History (1.00)	Percent	5.80	2.51	2.58	1.78
	S.E.	1.03	0.35	0.56	0.29
Non-Western History (0.50)	Percent	7.51	8.52	7.74	7.58
	S.E.	1.67	1.69	1.78	0.67
Western History/Civilization (0.50)	Percent	9.14	12.10	10.25	11.39
	S.E.	1.85	1.79	1.59	0.87
Economics (0.50)	Percent	45.78	43.79	47.36	27.37
	S.E.	4.38	2.76	3.45	1.59
Geography (0.50)	Percent	24.47	24.44	21.41	16.04
	S.E.	2.35	1.73	1.80	0.92
Sociology/Psychology (0.50)	Percent	32.72	31.76	32.62	32.40
	S.E.	1.73	1.73	1.69	0.94
International Politics (0.50)	Percent	5.56	7.92	8.26	6.58
	S.E.	1.28	1.08	1.15	0.59
Remedial/Below Grade Soc Stud (1.00)	Percent	1.82	2.50	3.17	1.61
	S.E.	0.47	0.75	0.88	0.26
Any AP/IB/Honors Social Studies (1.00)	Percent	18.82	13.18	10.69	5.76
	S.E.	1.33	0.86	1.05	0.51

Table 51.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, 1990, and 1982, by gender

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
Any Social Studies (1.00)	Percent S.E.	99.92 0.03	99.89 0.05	99.96 0.02	99.86 0.04	99.90 0.09	99.73 0.12	99.85 0.05	99.87 0.06
American History (1.00)	Percent S.E.	90.90 1.75	90.16 1.66	95.14 0.75	94.51 0.80	91.67 1.52	90.57 1.64	81.17 1.14	81.77 1.08
World History (1.00)	Percent S.E.	61.56 3.09	58.94 3.32	59.69 2.24	59.08 2.30	51.08 2.53	52.69 2.67	36.48 1.49	36.05 1.15
American Government & Politics (0.50)	Percent S.E.	35.45 3.58	32.48 3.40	78.52 2.45	77.51 2.45	77.48 1.93	77.25 2.00	60.93 1.25	63.47 1.47
Humanities Other (1.00)	Percent S.E.	90.46 1.44	90.28 1.49	87.60 1.28	83.71 1.66	86.17 1.78	84.50 1.78	80.31 1.02	79.10 1.17
AP/IB/Honors American History (1.00)	Percent S.E.	13.93 1.03	12.12 1.04	11.49 0.99	9.63 0.85	8.59 0.86	7.43 0.85	3.66 0.46	2.77 0.47
AP/IB/Honors WestCiv/Euro History (1.00)	Percent S.E.	6.45 1.11	5.24 1.02	2.62 0.36	2.41 0.47	2.75 0.62	2.39 0.52	1.97 0.41	1.58 0.26
Non-Western History (0.50)	Percent S.E.	7.21 1.57	6.90 1.71	8.58 1.66	8.48 1.75	7.51 1.73	8.01 1.86	7.60 0.66	7.55 0.83
Western History/Civilization (0.50)	Percent S.E.	9.63 1.82	8.73 2.02	12.39 1.82	11.83 1.80	10.17 1.50	10.35 1.72	11.68 1.15	11.07 0.86
Economics (0.50)	Percent S.E.	44.09 4.43	48.26 4.44	44.60 2.86	42.95 2.74	47.01 3.58	47.65 3.39	27.18 1.63	27.57 1.69
Geography (0.50)	Percent S.E.	23.59 2.33	25.98 2.49	23.42 1.83	25.56 1.76	20.78 1.88	22.13 1.80	14.65 0.73	17.55 1.32
Sociology/Psychology (0.50)	Percent S.E.	37.86 2.01	27.53 1.67	37.53 1.98	25.69 1.57	37.77 1.76	27.09 1.81	37.50 1.16	26.83 0.99
International Politics (0.50)	Percent S.E.	5.63 1.43	5.64 1.23	8.01 1.17	7.82 1.14	8.18 1.20	8.37 1.20	5.85 0.55	7.39 0.76
Remedial/Below Grade Soc Stud (1.00)	Percent S.E.	1.49 0.43	2.23 0.55	2.13 0.78	2.90 0.74	2.48 0.83	3.92 0.96	1.26 0.24	1.99 0.36
Any AP/IB/Honors Social Studies (1.00)	Percent S.E.	20.41 1.46	17.05 1.28	14.53 1.00	11.82 0.88	11.50 1.09	9.83 1.05	6.30 0.53	5.17 0.66

Table 52.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, 1990, and 1982, by race/ethnicity

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Any Social Studies (1.00)																				
Percent	99.91	99.86	99.93	99.92	100.00	99.92	100.00	99.79	100.00	100.00	99.79	99.91	99.79	100.00	98.72	99.88	99.98	99.62	99.68	100.00
S.E.	0.03	0.08	0.04	0.08	0.00	0.03	0.00	0.10	0.00	0.00	0.14	0.06	0.15	0.00	1.21	0.04	0.02	0.17	0.33	0.00
American History (1.00)																				
Percent	90.11	93.47	92.81	76.54	88.81	95.92	92.18	95.66	88.79	97.21	90.53	93.45	92.35	92.91	85.77	81.05	84.28	81.24	79.52	77.28
S.E.	1.93	1.47	1.49	9.42	4.35	0.68	2.06	1.21	5.61	1.45	1.84	1.96	2.04	2.32	9.26	1.17	1.93	1.45	3.93	6.45
World History (1.00)																				
Percent	58.36	64.77	73.20	58.36	48.73	59.36	55.08	71.15	69.32	57.62	48.34	59.90	63.38	62.92	45.20	35.98	37.32	36.15	38.73	34.02
S.E.	3.75	3.04	3.49	6.58	5.86	2.53	3.10	3.44	5.64	6.98	2.64	4.08	5.94	10.52	7.78	1.39	2.46	1.81	5.62	8.04
American Government & Politics (0.50)																				
Percent	34.36	37.35	26.56	36.28	39.18	77.89	81.43	86.04	79.43	80.89	76.86	76.73	83.14	78.18	75.28	61.96	59.86	65.24	69.33	56.61
S.E.	3.75	4.98	6.55	7.14	6.16	2.57	3.87	3.63	3.23	5.51	1.91	4.05	4.01	6.05	4.93	1.28	3.30	1.70	3.57	8.74
Humanities Other (1.00)																				
Percent	90.48	88.13	87.91	93.31	92.88	85.05	88.59	88.49	87.84	80.68	84.79	85.18	86.07	89.51	82.26	80.93	76.79	74.23	81.15	82.39
S.E.	1.50	2.55	4.39	2.35	2.48	1.59	1.74	3.05	2.64	11.40	1.86	2.94	3.85	2.25	3.55	0.83	2.10	1.37	3.12	4.58
AP/IB/Honors American History (1.00)																				
Percent	12.97	13.55	9.62	18.39	7.83	10.47	7.13	10.98	16.73	3.09	8.12	5.77	5.73	14.98	6.20	3.49	2.26	1.82	6.74	7.78
S.E.	1.10	2.13	1.36	3.57	2.19	0.93	1.41	0.98	2.27	1.61	0.87	0.88	1.03	3.46	2.97	0.51	0.66	0.52	1.64	6.38
AP/IB/Honors WestCiv/Euro History (1.00)																				
Percent	5.71	7.12	3.95	6.47	5.49	2.81	1.15	1.41	3.28	0.51	2.87	0.75	1.65	3.18	4.07	2.05	0.58	1.04	3.26	0.00
S.E.	1.19	1.69	1.10	1.93	2.54	0.42	0.35	0.88	0.94	0.38	0.61	0.32	0.63	1.08	2.74	0.33	0.16	0.38	1.14	0.00
Non-Western History (0.50)																				
Percent	5.89	3.01	5.07	15.46	5.68	7.58	4.83	4.89	5.34	5.92	7.95	2.31	6.67	8.99	12.63	7.66	8.18	6.17	8.00	12.25
S.E.	1.53	0.98	1.68	5.31	2.47	1.87	1.06	1.43	1.09	2.86	2.09	1.14	1.94	2.15	4.10	0.88	1.12	0.86	2.39	4.92
Western History/Civilization (0.50)																				
Percent	10.08	3.57	3.46	13.44	11.31	11.81	4.50	6.01	7.43	6.18	11.12	2.72	9.85	10.04	18.82	12.57	7.26	7.78	10.60	14.68
S.E.	2.24	1.28	0.87	4.15	5.25	1.85	0.92	1.69	1.98	2.54	1.67	0.63	3.32	3.56	6.98	1.03	1.46	0.91	2.37	4.87

Table 52.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, 1990, and 1982, by race/ethnicity  
(Continued)

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Economics (0.50)																				
Percent	43.49	45.00	63.28	46.63	46.19	40.07	48.03	70.37	49.71	27.96	42.84	59.45	62.67	53.26	31.42	27.69	29.37	24.28	16.25	33.72
S.E.	4.82	6.45	7.50	4.48	6.78	3.03	4.88	6.17	5.99	6.74	3.58	4.70	6.27	8.65	8.02	1.70	3.01	1.56	2.92	8.60
Geography (0.50)																				
Percent	24.06	33.64	25.49	19.94	19.05	25.12	34.00	17.27	16.96	37.20	22.29	23.35	13.52	19.10	29.99	15.44	15.98	17.84	18.91	18.55
S.E.	2.56	4.45	4.30	4.07	3.70	1.99	3.96	1.74	2.05	12.20	1.94	3.28	1.98	4.87	7.28	1.10	2.15	1.44	3.76	6.81
Sociology/Psychology (0.50)																				
Percent	37.05	21.46	20.85	35.19	28.49	34.17	23.70	24.22	33.64	39.27	35.08	24.09	23.18	32.31	26.15	34.57	24.15	26.04	32.29	36.35
S.E.	1.88	1.56	2.98	7.34	5.47	1.99	1.90	2.03	6.11	8.53	1.81	2.45	2.53	10.63	4.09	1.04	1.89	1.58	4.67	7.56
International Politics (0.50)																				
Percent	6.62	3.54	2.28	2.80	7.85	9.42	3.73	4.46	7.92	4.00	9.74	3.55	3.75	7.14	7.04	7.18	4.32	4.94	7.74	4.82
S.E.	1.71	1.06	0.62	0.92	5.09	1.36	0.68	1.26	1.78	1.69	1.36	0.68	0.98	2.42	2.77	0.63	1.25	1.03	3.01	3.26
Remedial/Below Grade Soc Stud (1.00)																				
Percent	1.51	1.50	4.75	1.62	1.64	2.55	2.76	1.94	3.35	1.90	3.19	3.22	4.36	1.26	4.09	1.48	1.79	1.90	1.93	7.17
S.E.	0.41	0.47	1.91	0.47	0.86	1.00	0.76	0.49	0.88	0.97	1.07	0.84	1.33	0.46	3.44	0.26	0.55	0.47	1.10	4.27
Any AP/IB/Honors Social Studies (1.00)																				
Percent	19.17	18.27	13.46	25.44	12.58	13.17	9.60	12.82	20.86	4.54	10.93	6.88	8.29	19.66	7.90	6.40	3.04	3.55	10.22	7.90
S.E.	1.64	2.02	1.49	4.72	3.58	1.03	1.52	1.16	1.92	1.98	1.11	0.98	1.48	4.36	3.36	0.66	0.60	0.66	2.02	6.37

Table 53.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, 1990, and 1982, by student program

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Any Social Studies (1.00)																
Percent	99.99	99.37	100.00	98.96	99.99	99.47	99.99	99.25	99.86	99.46	99.97	99.66	99.96	99.84	100.00	99.68
S.E.	0.01	0.30	0.00	0.46	0.01	0.26	0.01	0.31	0.14	0.28	0.03	0.18	0.04	0.11	0.00	0.11
American History (1.00)																
Percent	91.16	84.55	92.00	80.42	95.24	91.72	95.89	89.87	92.11	87.09	95.18	82.21	81.31	81.47	80.38	82.09
S.E.	1.67	4.32	1.90	4.21	0.87	1.50	0.75	1.91	1.60	3.34	1.28	2.43	1.44	1.09	2.27	1.39
World History (1.00)																
Percent	62.62	32.95	60.68	48.43	62.66	33.72	60.49	44.76	58.58	26.35	54.23	30.52	45.41	27.67	37.84	28.27
S.E.	3.51	4.31	2.95	5.75	2.31	3.96	2.60	4.09	2.52	2.96	3.76	3.30	1.52	1.93	2.10	1.83
American Government & Politics (0.50)																
Percent	34.33	29.93	35.04	25.49	78.48	74.43	80.51	67.57	78.56	70.98	76.35	78.36	60.65	61.87	63.31	64.51
S.E.	3.21	5.48	5.30	3.84	2.24	4.04	3.13	4.47	1.92	3.62	2.89	2.78	1.32	1.65	2.94	2.18
Humanities Other (1.00)																
Percent	91.63	81.00	88.53	87.25	87.73	73.33	85.75	74.83	86.73	75.73	87.23	83.61	83.59	73.24	83.67	77.81
S.E.	1.34	3.34	2.10	2.11	1.46	3.36	1.92	3.29	1.62	3.65	2.13	2.57	1.12	1.53	1.73	1.18
AP/IB/Honors American History (1.00)																
Percent	15.89	0.68	8.94	1.28	13.83	0.74	4.67	1.58	11.53	0.89	3.01	0.75	5.30	1.39	1.97	1.90
S.E.	1.13	0.29	1.68	0.45	1.13	0.50	0.64	0.56	1.16	0.49	0.55	0.22	0.56	0.51	0.47	0.47
AP/IB/Honors WestCiv/Euro History (1.00)																
Percent	6.86	1.13	4.02	1.93	3.30	0.51	0.87	0.60	3.65	0.03	1.39	0.14	3.03	0.58	1.20	1.00
S.E.	1.17	0.93	1.20	1.32	0.43	0.51	0.29	0.45	0.77	0.03	0.76	0.13	0.50	0.19	0.76	0.37
Non-Western History (0.50)																
Percent	9.16	3.43	3.09	4.92	8.94	4.34	9.22	5.59	8.77	3.77	8.40	4.03	9.38	4.97	11.06	5.69
S.E.	2.02	1.36	0.89	1.99	1.70	1.28	2.61	1.50	2.05	1.19	2.36	1.66	1.03	0.81	2.01	0.75
Western History/Civilization (0.50)																
Percent	11.00	2.64	5.15	4.24	13.48	7.47	9.90	7.98	12.27	4.11	8.61	6.13	16.38	7.26	10.93	6.95
S.E.	2.20	1.57	1.42	1.43	1.91	2.12	2.32	2.44	1.74	1.80	2.10	2.29	1.42	0.95	1.91	1.02



Table 53.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, 1990, and 1982, by student program  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Economics (0.50)																
Percent	46.66	26.96	49.38	36.29	45.65	29.55	45.04	32.74	48.78	34.77	53.31	41.35	28.93	26.80	27.22	25.32
S.E.	4.37	4.98	5.69	5.91	2.86	4.87	3.88	4.23	3.54	4.87	4.40	5.59	1.76	1.98	2.99	1.97
Geography (0.50)																
Percent	23.49	19.42	30.65	19.31	25.06	17.91	26.82	16.20	21.22	21.31	23.85	18.62	15.82	15.72	15.41	16.94
S.E.	2.57	3.53	2.54	4.59	1.88	2.45	2.20	2.38	1.92	2.97	2.82	1.86	1.06	1.42	2.15	1.31
Sociology/Psychology (0.50)																
Percent	36.69	15.77	25.67	19.27	36.39	19.19	22.28	21.37	36.80	18.69	24.90	32.86	40.60	20.02	31.24	30.39
S.E.	2.07	2.27	1.77	2.56	1.93	4.17	1.71	3.05	1.79	2.34	2.22	4.51	1.60	0.89	2.52	0.96
International Politics (0.50)																
Percent	5.83	6.49	4.16	6.26	9.32	4.03	4.77	5.96	9.50	4.53	4.53	10.39	7.54	5.48	6.64	5.96
S.E.	1.34	2.39	1.03	2.08	1.30	1.10	0.80	2.43	1.36	1.15	1.01	2.14	0.99	0.82	1.17	0.58
Remedial/Below Grade Soc Stud (1.00)																
Percent	1.16	4.60	2.25	6.76	1.84	5.85	2.85	5.71	2.32	5.18	5.18	3.21	1.17	2.47	1.41	1.62
S.E.	0.29	1.40	0.73	2.68	0.91	1.32	0.63	1.39	0.60	1.63	2.12	0.87	0.40	0.52	0.58	0.38
Any AP/IB/Honors Social Studies (1.00)																
Percent	22.27	2.12	14.15	3.45	17.12	1.25	6.14	2.36	15.17	1.01	4.56	1.42	9.68	2.14	4.48	2.95
S.E.	1.48	1.00	1.99	1.39	1.15	0.71	0.74	0.81	1.41	0.50	1.09	0.46	0.75	0.63	1.03	0.59

Table 54.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, and 1990, by community type

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Any Social Studies (1.00)	Percent	99.82	99.93	99.98	99.93	99.88	99.85	99.95	99.81	99.94	99.91	99.73
	S.E.	0.09	0.03	0.02	0.06	0.07	0.08	0.02	0.10	0.04	0.09	0.20
American History (1.00)	Percent	89.22	91.08	90.94	95.83	93.79	93.61	95.50	93.50	92.21	83.07	91.87
	S.E.	2.96	2.67	3.43	1.13	2.09	2.19	1.24	2.57	2.26	2.44	2.66
World History (1.00)	Percent	63.04	61.91	55.22	61.46	51.89	57.78	63.71	60.54	54.59	59.06	46.09
	S.E.	7.14	4.61	5.74	3.45	5.07	6.24	3.36	6.89	4.91	7.04	3.21
American Government & Politics (0.50)	Percent	28.60	31.28	42.14	68.68	72.77	82.28	83.59	81.77	72.59	90.09	75.62
	S.E.	4.47	4.46	8.28	5.45	4.47	3.93	3.30	4.85	5.00	5.30	2.82
Humanities Other (1.00)	Percent	90.27	91.24	89.28	79.64	89.52	93.14	83.33	91.17	88.90	75.61	84.15
	S.E.	2.20	1.86	2.87	4.13	2.16	2.43	1.91	2.06	2.27	5.40	2.42
AP/IB/Honors American History (1.00)	Percent	18.31	14.97	5.58	16.31	12.86	12.35	6.14	15.04	10.03	7.64	4.97
	S.E.	2.10	1.62	1.10	2.67	1.27	2.52	0.89	3.65	1.65	2.02	0.72
AP/IB/Honors WestCiv/Euro History (1.00)	Percent	7.32	8.31	1.16	2.75	4.35	1.68	1.57	5.69	4.03	0.40	1.41
	S.E.	1.67	2.08	0.78	0.94	0.93	0.62	0.53	1.58	1.29	0.11	0.57
Non-Western History (0.50)	Percent	8.28	11.20	2.19	6.41	16.61	7.15	4.91	11.62	6.75	4.29	8.00
	S.E.	3.06	3.21	1.38	1.90	4.17	3.09	2.24	4.88	2.58	3.46	2.67
Western History/Civilization (0.50)	Percent	6.23	16.77	2.64	9.21	25.50	5.18	7.51	8.79	13.21	9.04	9.36
	S.E.	2.02	4.34	1.54	2.19	4.42	2.15	2.12	4.64	2.06	3.85	2.71
Economics (0.50)	Percent	54.29	38.50	46.23	44.57	49.07	46.18	39.39	62.54	44.06	39.53	46.65
	S.E.	5.73	5.01	9.85	5.95	6.20	6.25	4.38	6.06	6.13	9.80	4.64
Geography (0.50)	Percent	21.48	23.21	29.03	23.02	16.62	24.49	29.81	17.88	18.33	23.30	23.67
	S.E.	4.67	3.38	4.22	5.06	2.55	4.97	2.92	4.49	3.44	5.30	2.87
Sociology/Psychology (0.50)	Percent	30.67	33.08	34.33	24.26	37.69	33.09	30.78	26.28	35.30	40.23	31.13
	S.E.	3.46	2.38	2.97	3.97	3.35	4.41	2.04	3.32	3.51	5.40	2.47
International Politics (0.50)	Percent	1.87	5.95	8.78	3.49	8.47	5.68	10.21	10.51	9.58	8.25	6.88
	S.E.	0.57	1.57	3.56	0.83	1.70	1.33	2.12	3.69	2.72	1.53	1.45
Remedial/Below Grade Soc Stud (1.00)	Percent	1.85	2.50	0.95	1.42	4.32	1.99	2.02	2.41	2.80	1.41	4.02
	S.E.	0.88	0.65	0.56	0.41	2.72	0.64	0.58	0.81	0.76	0.66	1.78

Table 54.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, and 1990, by community type  
(Continued)

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Any AP/IB/Honors Social Studies (1.00)	Percent	24.62	22.42	8.56	19.62	15.90	15.41	8.07	21.34	12.96	10.53	6.36
	S.E.	2.34	2.16	1.46	2.73	1.51	2.19	1.11	4.30	2.03	2.17	0.88

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.

Table 55.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, 1990, and 1982, by school type (public/nonpublic)

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Nonpublic	Public	Nonpublic	Public	Nonpublic	Public	Nonpublic
Any Social Studies (1.00)	Percent	99.90	100.00	99.90	100.00	99.90	98.98	99.86	99.92
	S.E.	0.03	0.00	0.03	0.00	0.04	1.02	0.05	0.07
American History (1.00)	Percent	89.92	96.05	94.60	97.60	90.81	94.54	81.47	81.34
	S.E.	1.78	2.39	0.83	0.93	1.67	2.00	1.01	3.36
World History (1.00)	Percent	59.13	71.27	58.30	72.08	49.72	73.31	33.83	56.52
	S.E.	2.92	10.89	2.35	6.83	2.79	4.57	1.21	4.94
American Government & Politics (0.50)	Percent	34.52	26.32	80.33	51.12	78.25	68.84	62.97	55.35
	S.E.	3.68	8.47	2.59	8.74	1.95	5.01	1.21	4.14
Humanities Other (1.00)	Percent	90.57	87.87	86.51	76.54	86.58	73.34	79.27	83.59
	S.E.	1.39	5.19	1.43	5.70	1.84	3.21	0.95	2.41
AP/IB/Honors American History (1.00)	Percent	13.02	13.97	9.60	21.66	7.94	8.84	3.13	4.10
	S.E.	1.06	3.06	0.82	3.59	0.90	1.49	0.46	1.25
AP/IB/Honors WestCiv/Euro History (1.00)	Percent	6.01	3.60	2.09	7.38	2.36	4.73	1.47	4.34
	S.E.	1.12	2.02	0.34	3.49	0.60	1.41	0.33	1.30
Non-Western History (0.50)	Percent	5.75	25.82	9.06	2.21	7.55	9.67	7.61	7.25
	S.E.	1.42	8.57	1.84	0.95	1.96	2.64	0.71	2.62
Western History/Civilization (0.50)	Percent	8.63	14.45	11.75	16.23	9.28	19.92	9.95	23.26
	S.E.	1.96	7.13	1.90	4.18	1.88	4.07	0.94	3.91
Economics (0.50)	Percent	45.37	50.05	44.25	38.50	49.18	29.27	27.76	24.14
	S.E.	4.68	9.84	2.86	8.23	3.60	4.51	1.79	3.04
Geography (0.50)	Percent	25.25	16.39	24.66	21.94	22.29	12.69	16.49	12.30
	S.E.	2.24	7.24	1.73	6.98	1.96	2.42	1.04	2.68
Sociology/Psychology (0.50)	Percent	33.12	28.51	32.00	28.91	32.43	34.50	31.66	38.46
	S.E.	1.61	12.19	1.61	6.37	1.74	4.09	0.97	3.00
International Politics (0.50)	Percent	6.09	0.05	7.73	10.14	8.09	9.93	6.39	8.14
	S.E.	1.41	0.05	1.08	4.51	1.27	3.13	0.56	1.64
Remedial/Below Grade Soc Stud (1.00)	Percent	2.00	0.00	2.68	0.50	3.39	0.99	1.77	0.22
	S.E.	0.51	0.00	0.82	0.34	0.96	0.58	0.30	0.11
Any AP/IB/Honors Social Studies (1.00)	Percent	18.89	18.04	12.14	25.30	10.44	13.16	5.32	9.40
	S.E.	1.40	3.59	0.85	3.82	1.13	2.22	0.61	1.92

Table 56.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, 1990, and 1982, by region

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Any Social Studies (1.00)																
Percent	99.99	99.88	99.88	99.92	99.99	99.90	99.96	99.80	99.53	99.94	99.85	99.89	99.80	99.90	99.85	99.90
S.E.	0.02	0.08	0.06	0.04	0.01	0.04	0.03	0.10	0.44	0.03	0.10	0.06	0.11	0.06	0.08	0.07
American History (1.00)																
Percent	78.62	97.26	92.46	87.74	89.56	96.54	96.00	93.88	92.31	95.23	85.80	90.31	67.01	89.48	84.69	80.78
S.E.	6.90	1.19	2.58	3.66	2.80	0.71	0.76	2.86	2.11	1.85	3.73	3.99	3.40	1.47	1.34	3.04
World History (1.00)																
Percent	49.50	78.35	43.35	61.40	35.07	70.89	49.29	71.50	46.79	60.71	44.93	51.94	34.32	41.69	34.53	32.02
S.E.	11.30	3.48	6.35	6.24	6.30	2.63	3.85	6.22	4.13	4.44	5.06	8.31	2.46	2.41	2.28	2.98
American Government & Politics (0.50)																
Percent	22.80	37.13	40.46	30.18	57.19	80.73	75.67	94.22	49.03	83.73	84.94	87.10	35.40	66.14	69.28	78.83
S.E.	6.14	6.76	6.49	4.88	5.66	4.37	4.47	2.05	4.27	3.45	3.19	5.09	2.88	3.13	2.49	2.32
Humanities Other (1.00)																
Percent	91.95	88.21	91.69	90.61	85.16	84.57	87.83	85.42	76.60	85.30	88.76	90.37	83.13	70.86	83.34	85.15
S.E.	1.72	3.13	2.21	2.89	2.87	2.25	2.12	4.75	4.70	2.96	2.52	3.16	1.97	2.40	1.76	2.30
AP/IB/Honors American History (1.00)																
Percent	14.79	17.97	6.31	12.30	13.88	10.94	8.03	10.77	11.22	8.42	2.85	10.95	4.57	1.97	3.59	3.11
S.E.	3.86	1.87	0.89	1.81	3.07	1.17	1.65	1.13	1.51	1.40	0.69	2.70	1.02	0.48	1.00	0.84
AP/IB/Honors WestCiv/Euro History (1.00)																
Percent	2.67	9.15	4.08	5.35	2.82	2.89	1.96	2.25	5.70	2.77	0.98	1.04	3.44	1.35	1.20	1.33
S.E.	1.08	1.86	2.34	2.26	0.43	0.68	0.61	0.65	2.12	1.20	0.34	0.52	0.98	0.41	0.39	0.43
Non-Western History (0.50)																
Percent	15.89	1.11	5.27	12.80	38.14	0.92	3.21	7.55	21.37	0.70	2.11	12.57	18.63	2.94	5.38	4.86
S.E.	5.95	0.44	1.21	5.49	8.84	0.26	1.20	4.41	6.18	0.31	1.47	5.93	2.93	0.65	1.18	1.26
Western History/Civilization (0.50)																
Percent	16.36	5.28	10.43	7.46	34.14	4.53	13.80	6.69	27.84	6.50	4.18	5.82	26.32	3.81	10.69	6.22
S.E.	6.14	1.71	5.03	2.91	6.75	1.44	4.13	1.90	6.13	2.33	0.97	2.73	2.25	1.01	1.51	1.48

Table 56.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in social studies courses in 1998, 1994, 1990, and 1982,  
by region  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Economics (0.50)																
Percent	45.92	55.33	28.69	51.19	33.92	48.58	30.44	63.18	29.01	63.67	36.12	54.94	18.40	31.48	33.09	22.10
S.E.	9.53	8.71	7.48	7.85	9.58	5.07	4.12	5.32	6.83	5.79	5.13	8.61	1.86	2.68	2.84	3.33
Geography (0.50)																
Percent	6.29	39.11	17.56	25.61	3.72	28.49	33.04	20.20	6.76	31.59	21.73	19.64	6.61	17.48	16.85	24.81
S.E.	2.72	4.06	4.40	6.20	1.32	3.10	3.09	4.34	2.20	3.74	2.47	5.49	1.36	1.44	1.80	2.37
Sociology/Psychology (0.50)																
Percent	30.41	23.87	51.20	26.41	28.78	27.85	43.11	25.08	26.98	27.36	48.30	26.22	30.67	24.87	41.30	33.15
S.E.	5.54	1.82	3.67	4.19	5.28	1.83	3.88	3.93	3.22	2.16	3.81	5.94	2.53	1.90	1.80	1.72
International Politics (0.50)																
Percent	7.59	1.55	10.10	4.62	3.55	6.28	11.36	10.04	8.88	4.23	11.10	10.54	6.19	5.36	7.22	8.26
S.E.	3.08	0.42	3.73	2.43	1.30	1.14	2.47	3.23	1.91	1.28	2.15	4.29	1.31	1.09	0.98	1.74
Remedial/Below Grade Soc Stud (1.00)																
Percent	2.49	0.66	1.70	3.15	6.28	1.18	2.52	2.06	3.06	4.93	1.16	3.03	2.18	1.32	1.73	1.14
S.E.	1.13	0.21	0.96	1.51	4.42	0.29	0.78	0.59	0.99	2.52	0.26	1.07	0.85	0.48	0.60	0.41
Any AP/IB/Honors Social Studies (1.00)																
Percent	19.92	24.44	11.20	18.32	16.69	14.12	10.00	13.03	15.80	10.87	4.33	13.50	9.93	3.83	4.96	5.01
S.E.	4.64	1.84	2.38	2.52	2.73	1.33	1.79	1.31	2.57	2.14	0.99	2.79	1.58	0.79	1.07	1.12

Table 57.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, 1990, and 1982

Courses Taken		1998 Graduates	1994 Graduates	1990 Graduates	1982 Graduates
Any Mathematics (1.00)	Percent	99.87	99.91	99.89	98.62
	S.E.	0.05	0.03	0.04	0.14
Basic Math (1.00)	Percent	4.23	4.82	7.98	6.20
	S.E.	0.59	0.45	0.66	0.47
General Math (1.00)	Percent	12.14	16.22	19.62	29.46
	S.E.	1.17	0.97	1.53	1.07
Applied Math (1.00)	Percent	11.94	13.69	16.08	8.80
	S.E.	0.94	0.92	1.20	0.44
Pre-Algebra (1.00)	Percent	21.09	23.15	23.25	18.03
	S.E.	1.06	1.05	1.38	0.81
Algebra 1 (1.00)	Percent	63.38	66.49	64.04	54.30
	S.E.	1.44	1.32	1.60	0.86
Algebra 2 (1.00)	Percent	58.02	57.77	49.63	35.55
	S.E.	1.87	1.40	1.32	0.78
Geometry (1.00)	Percent	75.23	70.11	63.24	45.80
	S.E.	1.05	1.25	1.37	0.83
Analysis/Precalculus (0.50)	Percent	23.09	17.29	13.31	5.93
	S.E.	1.44	0.86	0.94	0.46
Trigonometry (0.50)	Percent	8.93	11.71	9.61	7.80
	S.E.	1.06	1.16	1.07	0.65
Statistics/Probability (0.50)	Percent	3.66	2.02	0.95	0.99
	S.E.	0.54	0.33	0.21	0.15
Calculus (1.00)	Percent	10.97	9.29	6.49	4.65
	S.E.	0.85	0.56	0.46	0.35
AP/IB/Honors Calculus (1.00)	Percent	6.74	6.98	4.12	1.50
	S.E.	0.49	0.53	0.44	0.26
Advanced Math - Other(1.00)	Percent	32.39	24.89	20.25	13.15
	S.E.	1.68	0.85	1.16	0.77

Table 58.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, 1990, and 1982, by gender

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
Any Mathematics (1.00)	Percent S.E.	99.88 0.06	99.86 0.07	99.91 0.05	99.91 0.03	99.89 0.05	99.88 0.05	98.41 0.20	98.85 0.22
Basic Math (1.00)	Percent S.E.	4.21 0.62	4.32 0.60	3.95 0.42	5.76 0.54	7.09 0.65	8.94 0.75	5.13 0.65	7.37 0.50
General Math (1.00)	Percent S.E.	11.15 1.14	13.51 1.29	14.24 1.00	18.23 1.07	17.84 1.43	21.59 1.71	26.85 1.22	32.30 1.22
Applied Math (1.00)	Percent S.E.	11.17 0.96	12.91 1.05	12.67 0.86	14.79 1.07	15.19 1.15	17.04 1.34	7.73 0.57	9.97 0.62
Pre-Algebra (1.00)	Percent S.E.	20.95 1.09	21.60 1.17	22.02 1.13	24.29 1.09	23.02 1.39	23.49 1.48	18.54 0.77	17.47 1.16
Algebra 1 (1.00)	Percent S.E.	64.06 1.68	62.63 1.29	68.27 1.38	64.59 1.36	66.38 1.73	61.43 1.62	55.81 1.20	52.66 0.99
Algebra 2 (1.00)	Percent S.E.	60.74 2.04	56.26 2.06	61.00 1.53	54.39 1.42	51.48 1.48	47.66 1.40	35.26 0.87	35.87 1.05
Geometry (1.00)	Percent S.E.	77.39 1.13	73.86 1.27	72.27 1.32	67.95 1.34	64.26 1.36	62.07 1.58	46.21 1.19	45.36 0.83
Analysis/Precalculus (0.50)	Percent S.E.	22.90 1.49	23.05 1.85	18.27 0.97	16.25 0.85	12.74 0.93	13.96 1.12	5.66 0.55	6.22 0.54
Trigonometry (0.50)	Percent S.E.	9.73 1.42	8.31 0.86	12.28 1.26	11.13 1.13	9.43 1.07	9.82 1.13	6.79 0.63	8.90 0.87
Statistics/Probability (0.50)	Percent S.E.	3.94 0.61	3.39 0.53	2.09 0.37	1.95 0.37	0.78 0.20	1.14 0.27	0.86 0.16	1.13 0.22
Calculus (1.00)	Percent S.E.	10.63 0.92	11.20 0.87	9.15 0.64	9.45 0.61	5.57 0.37	7.50 0.63	4.15 0.35	5.19 0.47
AP/IB/Honors Calculus (1.00)	Percent S.E.	6.39 0.56	7.28 0.52	6.81 0.57	7.17 0.62	3.35 0.36	4.97 0.58	1.38 0.29	1.63 0.31
Advanced Math - Other(1.00)	Percent S.E.	32.90 1.75	31.26 1.93	25.55 0.98	24.21 1.04	19.25 1.07	21.37 1.38	11.65 0.70	14.80 1.10



Table 59.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, 1990, and 1982, by race/ethnicity

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Any Mathematics (1.00)																				
Percent	99.84	99.95	100.00	99.95	100.00	99.88	100.00	99.92	100.00	100.00	99.88	99.93	99.81	99.85	100.00	98.76	99.34	97.18	100.00	99.57
S.E.	0.08	0.03	0.00	0.05	0.00	0.04	0.00	0.05	0.00	0.00	0.06	0.07	0.11	0.15	0.00	0.15	0.27	0.53	0.00	0.45
Basic Math (1.00)																				
Percent	3.22	4.67	9.95	7.75	9.52	3.73	7.30	8.38	3.98	5.35	5.83	14.26	15.32	8.44	11.06	4.50	13.55	9.41	4.85	7.36
S.E.	0.60	0.96	1.87	3.07	3.45	0.44	1.34	1.14	1.00	1.44	0.58	1.94	2.67	2.61	3.04	0.38	2.11	1.17	1.58	4.21
General Math (1.00)																				
Percent	10.25	15.82	21.65	11.19	18.40	14.48	27.06	16.18	17.46	19.09	17.48	28.40	28.64	14.74	28.86	24.95	46.58	43.22	17.04	41.35
S.E.	1.03	2.51	2.96	1.24	3.49	1.10	2.89	2.08	2.82	3.46	1.75	2.27	2.99	1.82	6.95	1.05	3.06	2.07	3.54	5.15
Applied Math (1.00)																				
Percent	11.22	16.56	14.12	8.52	13.06	13.18	17.50	16.36	11.45	13.82	14.99	21.32	19.07	13.02	20.70	7.82	13.28	11.17	9.58	7.31
S.E.	0.97	1.88	1.67	1.53	3.15	1.08	2.01	2.05	3.19	2.91	1.14	2.70	3.74	3.48	4.57	0.56	1.45	1.21	2.10	3.29
Pre-Algebra (1.00)																				
Percent	18.09	32.21	30.03	20.90	26.98	22.12	27.29	33.99	18.00	39.50	21.82	26.68	35.30	16.40	33.78	17.30	22.31	18.51	15.48	22.08
S.E.	1.18	2.06	2.71	4.98	3.16	1.06	2.51	3.55	3.48	8.36	1.56	2.26	3.20	2.73	6.53	0.92	2.12	1.29	3.38	5.81
Algebra 1 (1.00)																				
Percent	64.09	63.56	61.54	54.02	61.93	67.61	64.99	69.94	62.96	68.86	64.09	64.69	64.30	63.25	60.67	58.16	43.06	42.62	55.46	33.59
S.E.	1.62	2.45	1.91	2.17	3.60	1.50	2.63	1.24	2.24	4.77	1.90	2.43	2.69	3.09	8.52	0.96	1.77	1.54	5.38	6.46
Algebra 2 (1.00)																				
Percent	61.93	52.36	44.64	61.48	40.61	61.55	43.90	49.56	66.15	42.20	53.06	40.61	35.14	60.92	47.09	39.54	24.18	20.10	55.80	19.10
S.E.	2.34	2.43	2.23	4.47	4.12	1.52	2.38	2.07	5.03	6.96	1.55	2.80	2.58	4.95	5.36	0.91	2.03	1.38	4.23	4.48
Geometry (1.00)																				
Percent	78.08	72.46	61.99	73.53	59.84	72.44	58.13	68.80	75.71	59.99	65.48	55.78	53.20	70.67	54.77	51.28	29.26	25.67	64.86	33.49
S.E.	1.03	2.16	3.24	2.82	3.69	1.44	2.93	1.80	3.78	4.29	1.47	2.60	2.76	2.76	3.10	0.95	1.77	1.41	4.70	7.23
Analysis/Precalculus (0.50)																				
Percent	24.68	12.73	14.65	35.82	14.89	18.17	9.72	13.72	33.70	8.71	14.75	6.11	7.17	25.26	7.49	6.87	2.27	2.87	14.51	1.81
S.E.	1.72	1.77	2.08	7.69	4.30	1.14	1.18	1.39	5.37	2.58	1.03	0.95	0.81	6.65	3.06	0.56	0.45	0.54	3.17	1.72

Table 59.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, 1990, and 1982, by race/ethnicity  
(Continued)

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Trigonometry (0.50)																				
Percent	10.39	5.08	5.96	15.25	5.70	13.29	7.21	7.15	15.80	5.25	9.99	6.24	7.55	21.24	10.66	8.82	3.93	4.37	16.19	2.25
S.E.	1.40	1.28	1.20	2.70	1.56	1.41	1.00	1.13	1.96	1.59	1.25	1.11	1.49	2.45	4.35	0.72	0.65	0.78	2.68	1.47
Statistics/Probability (0.50)																				
Percent	4.35	2.13	1.28	3.70	3.86	2.26	1.70	0.98	1.07	1.20	0.95	1.10	0.89	1.49	0.30	1.19	0.50	0.10	1.71	0.01
S.E.	0.71	0.48	0.28	1.23	1.71	0.38	0.97	0.35	0.32	0.77	0.22	0.43	0.51	0.52	0.30	0.20	0.23	0.05	0.74	0.01
Calculus (1.00)																				
Percent	11.64	5.46	6.23	20.38	4.14	9.61	3.77	6.02	23.56	3.75	6.89	2.73	3.75	18.54	4.12	5.45	1.34	1.74	12.80	4.02
S.E.	0.76	1.64	1.19	3.95	1.62	0.65	0.60	0.60	3.23	1.23	0.53	0.54	0.67	3.32	2.74	0.38	0.38	0.32	2.69	2.23
AP/IB/Honors Calculus (1.00)																				
Percent	7.24	2.80	3.66	14.64	0.65	7.31	2.00	4.61	21.05	2.17	4.19	1.16	2.97	15.57	2.92	1.80	0.26	0.43	5.46	0.10
S.E.	0.55	0.51	0.51	2.10	0.46	0.66	0.39	0.50	2.90	1.43	0.51	0.27	0.58	2.83	2.54	0.33	0.13	0.12	1.65	0.09
Advanced Math - Other(1.00)																				
Percent	34.13	21.25	21.22	44.59	25.32	26.53	13.45	17.41	40.62	11.88	22.22	9.65	11.06	36.27	16.31	14.86	6.20	7.97	24.94	7.38
S.E.	1.90	2.11	1.91	6.77	4.86	1.12	1.12	1.48	4.25	3.32	1.31	1.40	1.13	4.77	3.98	0.94	0.81	0.87	3.13	2.88

Table 60.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, 1990, and 1982, by student program

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Any Mathematics (1.00)																
Percent	100.00	98.91	100.00	98.54	99.99	99.30	100.00	99.36	99.99	99.49	100.00	99.40	99.92	96.85	99.93	97.60
S.E.	0.00	0.43	0.00	0.67	0.01	0.36	0.00	0.23	0.01	0.25	0.00	0.26	0.07	0.45	0.07	0.39
Basic Math (1.00)																
Percent	3.57	8.50	4.99	6.82	3.34	8.88	7.76	8.53	5.66	13.87	11.60	11.00	3.85	8.89	6.87	7.44
S.E.	0.50	2.71	0.96	1.43	0.36	1.33	0.96	1.24	0.53	2.10	1.09	1.78	0.47	1.05	1.09	0.94
General Math (1.00)																
Percent	9.45	27.19	14.33	27.62	11.22	41.27	21.58	30.90	13.50	41.25	25.08	27.90	20.97	40.47	36.44	31.11
S.E.	1.02	3.12	1.84	3.93	0.83	3.29	1.49	2.53	1.08	3.93	2.54	3.77	1.21	1.95	2.78	1.58
Applied Math (1.00)																
Percent	9.92	17.82	17.94	12.24	11.36	22.85	19.05	13.60	13.75	18.04	25.50	13.55	7.65	9.88	12.61	8.38
S.E.	0.99	2.02	1.37	1.64	0.91	2.47	1.52	1.73	1.18	2.93	1.78	1.45	0.51	1.20	2.10	0.62
Pre-Algebra (1.00)																
Percent	18.14	31.07	27.55	28.73	19.95	32.33	28.98	32.29	18.44	33.35	33.06	27.92	15.48	18.19	23.01	20.38
S.E.	1.09	2.92	1.29	2.98	1.01	2.32	1.83	2.13	1.15	3.11	2.72	2.16	1.07	1.03	2.25	1.34
Algebra 1 (1.00)																
Percent	65.30	50.11	64.16	45.90	69.54	41.12	70.48	44.19	71.86	36.30	64.71	40.41	66.98	41.01	57.20	44.16
S.E.	1.67	2.48	2.13	3.44	1.39	2.64	1.38	2.41	1.30	2.40	1.92	4.27	1.29	1.30	2.34	1.39
Algebra 2 (1.00)																
Percent	65.50	10.55	53.96	12.01	68.91	8.45	46.59	14.78	64.22	7.81	38.63	15.59	59.63	9.93	40.33	16.89
S.E.	2.14	1.47	2.33	1.80	1.59	1.24	1.65	2.43	1.75	1.19	1.69	2.38	1.04	0.77	1.95	0.94
Geometry (1.00)																
Percent	81.84	32.43	72.20	33.27	79.82	19.83	63.90	28.87	77.20	19.12	55.01	31.28	71.21	17.83	50.60	27.06
S.E.	0.99	2.31	1.73	3.50	1.17	2.12	1.70	2.26	1.14	1.89	1.81	3.68	1.20	1.34	2.29	1.66
Analysis/Precalculus (0.50)																
Percent	28.63	1.61	12.60	4.97	22.38	0.39	9.09	1.79	19.03	0.19	5.88	1.71	11.96	0.36	4.10	1.55
S.E.	1.80	0.53	1.92	2.62	1.14	0.37	0.79	0.58	1.34	0.08	1.10	0.93	1.03	0.14	0.66	0.38

Table 60.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, 1990, and 1982, by student program  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Trigonometry (0.50)																
Percent	10.93	0.07	5.83	0.74	15.29	0.18	5.74	1.10	13.59	0.23	5.01	0.78	15.36	0.72	7.59	1.68
S.E.	1.31	0.07	1.12	0.25	1.55	0.19	0.75	0.38	1.52	0.11	0.76	0.24	1.34	0.19	1.03	0.34
Statistics/Probability (0.50)																
Percent	4.40	0.10	2.70	0.37	2.52	0.20	1.33	0.17	1.22	0.22	0.81	0.22	1.99	0.06	0.78	0.22
S.E.	0.65	0.07	0.70	0.19	0.40	0.18	0.34	0.13	0.27	0.12	0.35	0.15	0.35	0.04	0.59	0.11
Calculus (1.00)																
Percent	13.59	0.00	6.80	0.12	12.44	0.15	3.38	1.04	9.55	0.00	2.25	0.14	10.22	0.11	2.07	0.35
S.E.	1.04	0.00	1.95	0.09	0.71	0.16	0.46	0.40	0.67	0.00	0.31	0.14	0.74	0.05	0.97	0.12
AP/IB/Honors Calculus (1.00)																
Percent	8.68	0.00	2.97	0.12	9.41	0.15	2.42	0.47	6.13	0.00	1.14	0.14	3.21	0.04	1.07	0.13
S.E.	0.66	0.00	0.40	0.09	0.68	0.16	0.41	0.25	0.63	0.00	0.32	0.14	0.49	0.03	0.93	0.08
Advanced Math - Other(1.00)																
Percent	39.44	2.98	20.98	4.01	31.72	0.19	14.78	3.38	28.70	0.39	10.72	1.10	24.96	1.72	12.73	3.95
S.E.	2.03	1.19	2.10	1.09	1.15	0.13	1.07	1.10	1.45	0.11	1.13	0.40	1.34	0.47	1.48	0.75

Table 61.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, and 1990, by community type

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Any Mathematics (1.00)	Percent	99.93	99.94	99.74	99.96	99.90	99.90	99.91	99.86	99.96	99.85	99.86
	S.E.	0.05	0.03	0.16	0.04	0.07	0.05	0.05	0.10	0.03	0.15	0.08
Basic Math (1.00)	Percent	3.44	6.32	2.44	3.76	3.25	5.54	5.98	6.73	9.32	10.75	6.92
	S.E.	0.78	1.15	0.65	0.72	0.63	0.92	0.82	1.54	1.76	2.59	0.85
General Math (1.00)	Percent	10.82	11.39	14.38	11.31	14.64	16.54	19.11	16.85	15.09	19.80	22.87
	S.E.	1.81	1.35	2.25	1.61	2.11	3.26	1.43	2.73	1.74	3.26	2.75
Applied Math (1.00)	Percent	9.59	12.12	14.05	9.77	11.27	13.35	16.93	14.24	14.46	14.59	17.86
	S.E.	1.48	1.34	1.65	1.93	1.52	2.24	1.53	3.03	2.10	1.92	1.88
Pre-Algebra (1.00)	Percent	20.48	21.91	20.68	18.95	20.19	23.56	26.58	21.66	22.58	28.02	22.91
	S.E.	1.69	1.94	1.39	2.01	2.27	2.17	1.75	2.94	1.64	3.04	2.43
Algebra 1 (1.00)	Percent	64.71	59.16	67.25	71.54	60.62	64.62	68.64	63.28	65.82	63.87	63.33
	S.E.	2.38	2.48	1.90	2.55	3.03	3.39	2.03	3.26	2.35	3.34	2.59
Algebra 2 (1.00)	Percent	60.83	57.26	56.14	61.09	56.11	60.06	56.62	51.00	51.11	49.05	48.57
	S.E.	3.39	2.39	3.09	2.83	3.81	1.91	1.56	3.07	2.93	2.63	2.24
Geometry (1.00)	Percent	79.31	74.27	72.32	78.08	73.18	72.57	64.06	65.92	70.19	61.69	59.04
	S.E.	2.27	1.41	1.82	2.58	2.50	2.74	1.55	3.03	2.10	4.51	2.06
Analysis/Precalculus (0.50)	Percent	28.34	26.65	13.45	20.94	19.90	18.98	13.59	14.51	16.71	13.32	11.10
	S.E.	2.82	1.81	2.64	2.25	2.40	1.88	1.41	2.79	1.86	2.40	1.36
Trigonometry (0.50)	Percent	8.27	11.50	6.41	8.70	12.46	15.93	11.03	19.62	11.09	9.07	6.00
	S.E.	2.04	2.00	1.55	2.84	2.72	3.10	1.59	3.17	1.84	3.24	1.27
Statistics/Probability (0.50)	Percent	3.59	3.97	3.36	2.12	3.16	2.04	1.26	1.90	1.15	0.00	0.80
	S.E.	0.84	0.97	1.11	0.90	0.74	0.65	0.41	0.61	0.37	0.00	0.32
Calculus (1.00)	Percent	12.35	11.28	9.19	9.63	12.54	11.18	6.50	9.98	7.96	5.92	4.80
	S.E.	1.49	1.35	1.03	1.19	1.17	0.77	0.82	1.47	0.91	0.71	0.68
AP/IB/Honors Calculus (1.00)	Percent	7.88	7.75	4.36	7.66	9.71	8.66	4.45	7.56	5.99	4.56	1.99
	S.E.	0.49	0.94	0.91	0.98	1.27	0.83	0.78	1.55	0.83	0.85	0.43

Table 61.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, and 1990, by community type  
(Continued)

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Advanced Math - Other(1.00)	Percent	39.34	34.63	22.65	28.00	30.87	23.38	20.47	21.64	22.92	18.22	18.88
	S.E.	3.05	2.91	3.11	2.97	2.14	1.99	1.29	2.46	1.67	2.15	2.00

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.

Table 62.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, 1990, and 1982, by school type (public/nonpublic)

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Nonpublic	Public	Nonpublic	Public	Nonpublic	Public	Nonpublic
Any Mathematics (1.00)	Percent	99.87	99.93	99.91	99.94	99.88	99.92	98.48	99.81
	S.E.	0.06	0.08	0.03	0.05	0.05	0.06	0.16	0.08
Basic Math (1.00)	Percent	4.59	0.47	5.22	0.23	8.53	2.47	6.77	1.47
	S.E.	0.65	0.39	0.47	0.16	0.73	0.66	0.51	0.38
General Math (1.00)	Percent	12.82	5.03	17.34	3.21	20.80	7.86	31.12	15.72
	S.E.	1.20	2.56	1.04	0.77	1.68	1.09	1.16	2.71
Applied Math (1.00)	Percent	12.20	9.17	13.33	17.87	16.62	10.63	9.39	3.96
	S.E.	0.97	3.61	0.90	4.63	1.31	1.59	0.50	1.07
Pre-Algebra (1.00)	Percent	22.04	11.16	24.31	9.80	24.24	13.43	18.42	14.78
	S.E.	1.13	3.44	1.10	1.67	1.49	2.02	0.90	2.57
Algebra 1 (1.00)	Percent	62.05	77.13	65.47	78.27	62.45	79.81	51.73	75.57
	S.E.	1.55	3.03	1.39	4.10	1.72	2.23	0.88	2.75
Algebra 2 (1.00)	Percent	56.74	71.30	55.93	79.10	47.34	72.42	32.91	57.40
	S.E.	1.81	7.15	1.43	5.97	1.33	3.77	0.75	2.78
Geometry (1.00)	Percent	74.22	85.69	68.47	89.13	61.13	84.22	42.22	75.46
	S.E.	1.16	3.42	1.30	2.16	1.42	2.27	0.96	2.62
Analysis/Precalculus (0.50)	Percent	20.66	48.37	16.24	29.46	12.11	25.29	5.09	12.85
	S.E.	1.39	6.80	0.88	3.68	1.10	3.44	0.43	2.34
Trigonometry (0.50)	Percent	8.61	12.26	11.59	13.08	9.74	8.28	7.35	11.57
	S.E.	0.98	5.52	1.17	4.59	1.17	1.29	0.55	2.48
Statistics/Probability (0.50)	Percent	3.68	3.54	2.05	1.68	0.79	2.58	0.88	1.89
	S.E.	0.59	1.24	0.35	0.90	0.20	1.03	0.14	0.63
Calculus (1.00)	Percent	10.14	19.50	8.87	14.16	6.17	9.63	3.75	12.06
	S.E.	0.72	4.91	0.54	2.37	0.48	1.33	0.32	1.89
AP/IB/Honors Calculus (1.00)	Percent	6.46	9.74	6.58	11.69	3.83	7.05	1.32	3.02
	S.E.	0.46	2.53	0.54	1.94	0.45	1.40	0.27	1.04
Advanced Math - Other(1.00)	Percent	29.43	63.21	23.68	38.94	18.85	34.15	11.99	22.76
	S.E.	1.66	6.98	0.92	4.61	1.34	3.07	0.75	2.78

Table 63.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, 1990, and 1982, by region

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Any Mathematics (1.00)																
Percent	99.99	99.94	99.67	99.91	99.87	99.97	99.86	99.91	99.66	99.97	99.95	99.90	97.93	99.45	98.83	97.67
S.E.	0.01	0.03	0.20	0.04	0.12	0.02	0.07	0.05	0.19	0.02	0.05	0.05	0.42	0.15	0.32	0.54
Basic Math (1.00)																
Percent	4.94	3.23	4.11	5.29	6.20	5.83	2.75	4.65	9.15	7.38	7.35	8.59	6.13	7.94	4.35	6.31
S.E.	0.79	1.01	1.51	1.08	1.26	0.84	0.53	0.95	1.60	0.86	1.53	1.21	0.98	0.92	0.72	1.53
General Math (1.00)																
Percent	14.66	9.75	9.13	17.13	16.09	17.57	13.66	17.36	19.20	22.88	15.07	20.76	32.67	35.82	23.81	23.17
S.E.	1.44	2.12	1.77	3.31	2.85	1.80	1.54	1.64	2.38	3.48	2.75	1.58	2.49	1.56	1.33	2.92
Applied Math (1.00)																
Percent	8.29	17.04	11.48	7.83	8.41	20.08	10.21	9.62	14.40	24.79	10.13	11.28	9.80	10.02	6.69	8.85
S.E.	1.07	1.65	2.26	1.43	1.31	1.64	1.77	1.73	2.23	2.27	1.54	2.34	0.86	1.08	0.86	1.02
Pre-Algebra (1.00)																
Percent	15.38	24.84	19.22	22.36	13.75	25.86	22.83	26.01	14.10	26.67	27.96	20.95	13.01	16.85	20.35	22.98
S.E.	2.82	1.30	2.11	2.77	3.00	1.90	1.74	1.86	2.74	2.21	2.93	2.49	1.44	1.60	1.25	2.50
Algebra 1 (1.00)																
Percent	64.87	64.20	64.73	59.32	63.14	68.21	67.67	63.75	65.45	68.00	58.36	63.56	52.24	55.80	57.09	49.54
S.E.	3.79	2.71	2.03	2.76	3.14	1.82	3.06	3.12	2.71	1.87	4.32	3.23	2.00	1.47	1.42	2.12
Algebra 2 (1.00)																
Percent	46.19	67.46	61.62	49.45	49.89	59.89	61.51	54.09	50.60	54.13	45.56	46.53	41.78	34.72	34.43	30.55
S.E.	9.45	2.20	3.50	3.58	6.86	1.54	1.80	2.90	3.71	1.84	2.29	2.63	1.83	1.36	0.89	1.58
Geometry (1.00)																
Percent	78.46	79.59	75.25	65.98	74.84	70.09	68.72	68.14	70.69	62.75	60.54	59.71	49.03	40.60	50.14	43.46
S.E.	1.96	1.92	2.18	2.66	3.57	1.95	2.38	2.47	2.05	2.16	3.15	2.82	2.19	1.11	1.34	1.72
Analysis/Precalculus (0.50)																
Percent	26.65	22.97	19.95	23.99	18.76	15.01	17.15	21.33	20.65	10.16	11.87	12.66	8.55	3.90	6.24	5.56
S.E.	4.23	2.65	2.27	2.25	2.75	1.02	1.81	2.05	2.19	1.17	1.88	2.33	1.19	0.92	0.64	0.84



Table 63.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in mathematics courses in 1998, 1994, 1990, and 1982,  
by region  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Trigonometry (0.50)																
Percent	12.52	6.74	10.23	7.71	16.46	12.35	10.60	7.80	7.90	10.97	7.74	11.69	10.55	7.92	6.45	6.19
S.E.	4.54	1.27	1.75	1.78	4.80	1.24	2.34	1.65	1.75	1.62	2.31	2.75	1.96	0.86	0.94	0.76
Statistics/Probability (0.50)																
Percent	3.95	3.76	4.26	2.59	1.79	1.43	3.22	1.62	1.39	1.05	0.91	0.37	2.18	0.31	1.13	0.37
S.E.	1.59	0.82	0.95	0.86	0.62	0.45	0.87	0.59	0.61	0.38	0.36	0.19	0.39	0.13	0.25	0.18
Calculus (1.00)																
Percent	14.58	11.70	8.71	9.49	13.46	8.05	8.79	9.14	12.06	4.69	3.88	7.05	11.03	2.62	2.48	3.45
S.E.	2.54	1.34	0.80	1.54	1.92	0.65	1.13	1.33	1.23	0.53	0.59	1.33	1.01	0.46	0.43	0.75
AP/IB/Honors Calculus (1.00)																
Percent	9.46	6.01	5.84	6.63	8.89	6.01	6.94	7.53	7.31	3.11	1.75	5.62	3.66	0.85	0.58	1.36
S.E.	1.83	0.67	0.68	1.09	1.53	0.67	1.23	1.04	1.34	0.37	0.53	1.26	0.89	0.32	0.20	0.56
Advanced Math - Other(1.00)																
Percent	44.44	30.36	27.72	30.89	42.40	21.14	21.07	23.76	34.29	14.82	17.06	18.57	20.96	10.60	11.67	9.79
S.E.	5.43	2.43	2.58	3.04	3.13	1.11	1.82	1.68	3.56	1.18	2.39	1.99	2.35	1.38	0.89	1.25

Table 64.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in science courses in 1998, 1994, 1990, and 1982

Courses Taken		1998 Graduates	1994 Graduates	1990 Graduates	1982 Graduates
Any Science (1.00)	Percent	99.52	99.64	99.40	96.48
	S.E.	0.10	0.08	0.14	0.26
Survey Science (1.00)	Percent	67.24	71.11	68.07	62.11
	S.E.	2.75	1.93	1.83	1.15
Biology (1.00)	Percent	92.90	93.40	91.09	76.62
	S.E.	0.67	0.97	0.97	0.84
AP/IB/Honors Biology (1.00)	Percent	16.26	11.88	10.12	9.65
	S.E.	1.31	0.93	1.03	0.54
Chemistry (1.00)	Percent	60.50	55.79	48.89	31.13
	S.E.	1.28	1.04	1.25	0.76
AP/IB/Honors Chemistry (1.00)	Percent	4.75	3.91	3.46	2.92
	S.E.	0.50	0.53	0.47	0.40
Physics (1.00)	Percent	28.85	24.68	21.55	14.43
	S.E.	1.49	0.86	0.82	0.52
AP/IB/Honors Physics (1.00)	Percent	2.99	2.72	2.03	1.10
	S.E.	0.37	0.33	0.38	0.13
Engineering (1.00)	Percent	6.74	4.51	4.25	1.18
	S.E.	1.76	0.80	1.02	0.29
Astronomy (0.50)	Percent	1.92	1.70	1.24	1.08
	S.E.	0.46	0.50	0.31	0.15
Geology/Earth Science (0.50)	Percent	20.91	23.07	24.76	13.29
	S.E.	2.36	2.44	2.43	0.63
Biology + Chemistry (2.00)	Percent	59.18	53.75	47.50	28.35
	S.E.	1.22	1.20	1.25	0.81
Biology + Chemistry + Physics (3.00)	Percent	25.67	21.48	18.79	10.70
	S.E.	1.33	0.83	0.70	0.49

Table 65.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in science courses in 1998, 1994, 1990, and 1982, by gender

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
Any Science (1.00)	Percent	99.63	99.55	99.78	99.50	99.70	99.08	96.67	96.28
	S.E.	0.11	0.11	0.06	0.11	0.08	0.27	0.34	0.30
Survey Science (1.00)	Percent	67.22	68.29	69.78	72.51	66.71	69.61	60.77	63.57
	S.E.	2.67	3.11	2.01	2.02	1.89	1.85	1.34	1.42
Biology (1.00)	Percent	94.33	91.50	94.66	92.10	92.42	89.64	78.61	74.45
	S.E.	0.60	0.87	0.89	1.08	0.94	1.09	1.07	0.94
AP/IB/Honors Biology (1.00)	Percent	18.02	14.49	12.81	10.92	10.82	9.34	10.27	8.98
	S.E.	1.47	1.24	1.06	0.93	1.15	0.97	0.76	0.48
Chemistry (1.00)	Percent	63.56	57.18	58.59	52.90	49.96	47.69	30.16	32.19
	S.E.	1.49	1.50	1.20	1.06	1.31	1.41	0.71	1.16
AP/IB/Honors Chemistry (1.00)	Percent	4.72	4.86	3.73	4.08	2.91	4.06	2.37	3.51
	S.E.	0.56	0.48	0.52	0.59	0.52	0.51	0.45	0.45
Physics (1.00)	Percent	26.24	31.79	22.28	27.19	17.99	25.39	10.15	19.11
	S.E.	1.41	2.13	0.92	0.98	0.85	0.94	0.41	1.01
AP/IB/Honors Physics (1.00)	Percent	2.12	3.96	2.02	3.45	1.56	2.54	0.71	1.52
	S.E.	0.32	0.49	0.31	0.43	0.31	0.49	0.14	0.23
Engineering (1.00)	Percent	6.54	7.11	5.02	4.00	4.10	4.42	0.77	1.63
	S.E.	1.78	1.80	0.88	0.77	1.04	1.03	0.25	0.37
Astronomy (0.50)	Percent	1.53	2.35	1.46	1.95	1.06	1.42	0.94	1.23
	S.E.	0.38	0.60	0.42	0.62	0.28	0.36	0.24	0.24
Geology/Earth Science (0.50)	Percent	20.26	21.73	23.32	22.87	24.02	25.60	12.46	14.21
	S.E.	2.34	2.42	2.55	2.38	2.49	2.40	0.84	0.75
Biology + Chemistry (2.00)	Percent	62.49	55.60	56.62	50.78	48.69	46.16	28.24	28.47
	S.E.	1.42	1.49	1.35	1.21	1.32	1.41	0.65	1.18
Biology + Chemistry + Physics (3.00)	Percent	23.94	27.57	19.80	23.24	16.06	21.78	8.03	13.61
	S.E.	1.30	2.03	0.93	0.87	0.74	0.82	0.40	0.83

Table 66.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in science courses in 1998, 1994, 1990, and 1982, by race/ethnicity

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Any Science (1.00)																				
Percent	99.56	99.31	99.61	99.59	99.41	99.77	99.80	99.31	99.44	99.74	99.41	99.46	99.14	99.63	98.72	96.91	97.08	93.53	95.90	91.55
S.E.	0.13	0.28	0.23	0.26	0.59	0.05	0.08	0.23	0.36	0.26	0.17	0.24	0.29	0.24	1.21	0.27	0.54	1.05	1.31	4.90
Survey Science (1.00)																				
Percent	66.28	72.76	74.84	63.40	72.78	72.32	71.69	69.72	61.99	78.96	67.55	75.31	72.01	56.74	69.36	61.61	67.76	63.28	40.87	58.09
S.E.	3.15	3.31	2.36	2.68	5.20	2.26	3.48	3.95	4.62	5.16	1.98	3.05	3.51	7.07	5.84	1.37	1.83	1.63	5.09	7.65
Biology (1.00)																				
Percent	93.89	93.22	86.88	93.02	92.22	94.29	91.78	93.73	91.47	91.82	91.25	91.05	90.10	90.35	89.36	78.55	72.93	68.61	83.70	67.36
S.E.	0.78	0.76	2.06	1.06	2.38	1.14	1.52	0.67	1.45	2.08	1.06	2.18	1.39	2.75	4.68	0.96	1.93	2.07	2.24	6.92
AP/IB/Honors Biology (1.00)																				
Percent	16.73	15.59	13.11	21.59	6.23	12.48	7.65	11.00	18.17	6.15	10.50	7.74	6.70	13.40	3.79	10.90	5.95	4.76	17.49	3.15
S.E.	1.57	2.27	1.49	4.18	1.91	1.09	1.05	1.21	3.09	3.18	1.03	1.93	1.31	4.00	2.02	0.71	1.30	0.66	2.88	1.79
Chemistry (1.00)																				
Percent	62.95	52.92	44.31	74.02	46.73	58.35	43.65	45.93	69.20	41.30	51.39	40.03	38.06	63.63	34.93	34.38	22.26	15.62	52.80	26.19
S.E.	1.32	2.09	3.57	2.30	4.22	1.05	2.58	3.45	4.87	5.46	1.37	2.19	2.88	4.01	4.55	0.93	1.49	1.01	4.42	7.00
AP/IB/Honors Chemistry (1.00)																				
Percent	4.73	3.32	3.04	9.90	0.92	4.31	2.13	2.50	7.65	0.62	3.69	2.45	1.13	7.69	4.43	3.33	1.60	1.35	5.78	0.94
S.E.	0.55	0.80	0.63	2.03	0.88	0.61	0.71	0.62	1.54	0.57	0.57	0.94	0.38	1.87	2.59	0.45	0.56	0.36	1.31	0.90
Physics (1.00)																				
Percent	30.18	19.45	18.28	46.34	16.96	26.30	14.94	16.07	44.37	10.30	23.10	14.53	13.19	38.38	14.46	16.54	7.56	5.63	34.84	8.20
S.E.	1.62	1.94	2.23	2.79	4.17	1.07	1.21	1.58	3.62	3.04	0.90	1.85	1.33	3.46	3.77	0.63	0.80	0.61	3.41	3.07
AP/IB/Honors Physics (1.00)																				
Percent	2.99	1.88	1.42	5.22	0.94	2.79	1.78	1.89	6.71	0.26	2.09	0.72	0.98	5.90	0.50	1.23	0.88	0.35	3.40	0.00
S.E.	0.46	0.62	0.28	1.36	0.85	0.37	0.34	0.48	1.47	0.26	0.39	0.33	0.38	2.64	0.51	0.17	0.37	0.13	0.95	0.00
Engineering (1.00)																				
Percent	8.07	4.57	1.95	3.39	10.04	4.56	3.76	3.25	3.19	2.22	4.79	1.42	0.78	3.44	3.18	1.23	0.64	1.28	1.57	2.47
S.E.	2.28	1.08	0.43	0.95	3.62	0.90	1.18	1.10	1.19	1.22	1.27	0.66	0.35	1.12	2.01	0.29	0.32	0.48	0.98	2.57

Table 66.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in science courses in 1998, 1994, 1990, and 1982, by race/ethnicity  
(Continued)

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Astronomy (0.50)																				
Percent	2.42	0.52	0.77	1.25	2.14	1.92	0.61	0.44	0.83	2.22	1.40	0.41	1.05	0.66	1.71	1.29	0.43	0.60	0.00	0.00
S.E.	0.60	0.16	0.38	0.46	1.56	0.62	0.21	0.16	0.38	1.20	0.36	0.20	0.50	0.34	1.29	0.19	0.23	0.17	0.00	0.00
Geology/Earth Science (0.50)																				
Percent	22.18	25.30	16.42	11.71	22.74	23.94	23.20	15.20	16.85	23.16	27.50	15.83	13.91	15.72	30.50	14.12	10.15	11.18	9.56	18.97
S.E.	2.68	4.35	3.35	2.11	4.49	2.73	4.94	3.54	2.26	8.60	2.98	2.50	3.09	1.86	9.57	0.77	1.66	1.12	2.10	6.19
Biology + Chemistry (2.00)																				
Percent	61.83	52.03	42.13	70.74	45.15	56.30	42.32	44.68	65.27	40.19	50.09	39.23	36.19	60.08	33.62	31.49	20.01	14.32	48.51	22.17
S.E.	1.27	2.10	3.30	2.20	4.17	1.30	2.63	3.34	4.65	5.53	1.39	2.24	2.70	3.43	4.51	0.93	1.45	0.99	4.02	7.37
Biology + Chemistry + Physics (3.00)																				
Percent	27.29	15.64	15.20	40.99	14.89	22.94	13.34	13.36	38.08	8.71	20.54	11.97	10.13	33.68	10.62	12.32	4.89	3.93	28.42	7.93
S.E.	1.51	1.77	1.98	2.83	4.04	1.05	1.20	1.20	4.10	2.82	0.82	1.22	1.21	2.63	3.12	0.60	0.72	0.48	3.90	3.08

Table 67.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in science courses in 1998, 1994, 1990, and 1982, by student program

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Any Science (1.00)																
Percent	99.93	95.31	99.86	96.31	99.97	97.02	99.86	97.84	99.94	96.92	99.81	97.79	99.78	92.36	99.26	93.72
S.E.	0.04	1.57	0.05	0.88	0.01	0.91	0.07	0.52	0.03	0.94	0.08	0.59	0.05	0.66	0.31	0.67
Survey Science (1.00)																
Percent	63.73	77.97	77.33	68.60	68.53	77.17	80.31	64.48	65.15	74.69	79.84	60.40	64.26	62.85	72.52	54.08
S.E.	3.17	3.06	2.84	4.05	2.23	2.36	2.22	3.09	2.16	2.72	2.19	5.25	1.67	1.29	1.49	1.90
Biology (1.00)																
Percent	96.04	68.08	92.67	72.34	95.35	81.75	94.35	79.41	95.61	73.34	93.35	76.11	91.57	57.16	84.46	66.58
S.E.	0.39	4.70	0.90	3.19	1.03	2.78	0.85	2.86	0.57	3.25	1.15	3.31	0.63	1.78	1.50	1.45
AP/IB/Honors Biology (1.00)																
Percent	19.36	1.33	11.97	2.79	15.35	0.85	6.20	1.05	13.30	3.12	6.86	1.80	17.26	2.29	7.48	4.40
S.E.	1.56	0.53	1.96	0.97	1.13	0.40	0.91	0.35	1.34	1.17	1.20	0.65	1.05	0.45	1.21	0.74
Chemistry (1.00)																
Percent	70.10	5.24	51.56	10.32	68.14	5.37	40.24	14.13	65.22	5.27	33.56	12.42	57.78	5.53	33.71	8.93
S.E.	1.18	1.00	2.21	1.63	1.06	0.98	1.53	1.98	1.30	0.91	1.72	2.19	1.29	0.73	1.73	0.83
AP/IB/Honors Chemistry (1.00)																
Percent	6.02	0.06	2.41	0.13	5.22	0.02	1.59	0.00	4.87	0.00	2.08	0.02	5.98	0.23	2.74	0.31
S.E.	0.62	0.06	0.45	0.10	0.71	0.02	0.44	0.00	0.65	0.00	0.81	0.02	0.81	0.11	0.66	0.13
Physics (1.00)																
Percent	34.32	1.35	22.58	1.38	31.70	1.41	13.30	3.52	30.08	1.17	11.68	3.02	29.15	1.59	14.05	1.62
S.E.	1.82	0.51	2.03	0.39	1.03	0.44	1.01	0.87	1.03	0.51	1.06	0.85	0.94	0.40	1.43	0.24
AP/IB/Honors Physics (1.00)																
Percent	3.59	0.00	2.24	0.05	3.67	0.00	0.96	0.07	3.02	0.00	0.59	0.02	2.29	0.11	0.87	0.07
S.E.	0.49	0.00	0.39	0.06	0.45	0.00	0.27	0.05	0.56	0.00	0.17	0.02	0.30	0.11	0.34	0.06
Engineering (1.00)																
Percent	7.35	2.49	6.25	3.93	4.71	1.05	5.85	1.40	4.57	2.52	4.47	3.64	1.54	0.86	1.32	0.82
S.E.	2.07	0.80	1.70	1.55	0.82	0.60	1.46	0.47	1.09	1.22	1.56	1.14	0.42	0.27	0.46	0.28

Table 67.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in science courses in 1998, 1994, 1990, and 1982,  
by student program  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Astronomy (0.50)																
Percent	2.41	0.65	0.70	0.85	1.92	0.66	1.22	1.85	1.46	0.59	1.11	0.65	1.43	1.05	1.43	0.37
S.E.	0.60	0.37	0.13	0.32	0.55	0.30	0.39	1.13	0.35	0.45	0.38	0.33	0.25	0.51	0.62	0.13
Geology/Earth Science (0.50)																
Percent	19.42	22.15	25.82	22.07	22.65	19.17	26.84	19.84	23.99	23.05	31.56	20.15	14.82	9.76	18.84	11.99
S.E.	2.48	4.39	3.56	3.26	2.43	3.51	3.62	2.56	2.34	3.36	3.82	3.12	1.01	0.74	2.27	1.27
Biology + Chemistry (2.00)																
Percent	69.00	4.04	49.43	8.94	65.81	4.44	39.06	11.23	63.64	4.34	32.75	10.80	54.31	3.65	29.53	6.96
S.E.	1.17	0.95	1.99	1.56	1.38	0.81	1.51	1.58	1.32	0.81	1.75	2.16	1.37	0.38	1.66	0.78
Biology + Chemistry + Physics (3.00)																
Percent	31.18	0.21	18.14	0.39	28.41	0.00	9.70	0.76	26.91	0.27	8.82	1.21	23.21	0.17	7.49	0.48
S.E.	1.68	0.15	1.92	0.16	1.06	0.00	0.78	0.35	0.93	0.06	0.85	0.60	1.03	0.09	1.02	0.16

Table 68.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in science courses in 1998, 1994, and 1990, by community type

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Any Science (1.00)	Percent	99.52	99.42	99.65	99.80	99.56	99.72	99.60	99.71	99.71	99.22	99.19
	S.E.	0.14	0.21	0.21	0.07	0.19	0.12	0.11	0.13	0.10	0.48	0.26
Survey Science (1.00)	Percent	59.92	64.66	77.75	69.22	67.29	65.22	76.28	61.53	68.25	64.43	70.78
	S.E.	5.36	3.41	4.15	4.26	3.72	3.99	3.21	4.39	4.10	3.37	2.54
Biology (1.00)	Percent	93.54	91.80	93.62	89.72	93.53	93.99	94.65	94.09	89.44	90.69	91.22
	S.E.	0.97	1.16	1.35	3.81	1.17	2.51	0.96	1.39	1.70	1.97	1.56
AP/IB/Honors Biology (1.00)	Percent	21.56	18.58	8.10	13.25	14.21	14.54	8.95	13.95	9.52	11.48	8.98
	S.E.	2.52	2.29	1.38	1.64	1.55	2.73	1.31	3.53	1.53	2.38	1.53
Chemistry (1.00)	Percent	67.78	58.50	55.66	60.73	60.03	55.90	51.10	51.48	52.78	48.74	46.04
	S.E.	2.04	1.99	1.83	2.73	2.00	2.33	1.38	3.01	2.32	3.17	1.79
AP/IB/Honors Chemistry (1.00)	Percent	6.10	5.27	2.75	2.31	3.99	4.35	4.36	3.42	4.11	3.86	3.02
	S.E.	1.10	0.86	0.75	0.67	1.38	0.81	0.82	0.77	1.15	0.91	0.80
Physics (1.00)	Percent	31.87	29.94	24.48	26.89	31.28	26.17	19.21	23.26	23.96	21.34	19.77
	S.E.	3.34	2.19	1.35	2.10	2.74	2.13	1.04	1.99	1.35	3.02	1.10
AP/IB/Honors Physics (1.00)	Percent	4.15	3.93	0.65	3.99	4.94	3.45	0.58	4.85	1.96	2.32	1.17
	S.E.	0.77	0.58	0.17	0.79	1.01	0.99	0.18	1.58	0.49	0.69	0.45
Engineering (1.00)	Percent	6.33	5.81	8.31	4.99	3.06	5.97	4.69	0.65	5.46	3.56	4.81
	S.E.	1.13	2.18	3.52	2.00	1.36	2.93	1.50	0.40	1.97	1.80	1.75
Astronomy (0.50)	Percent	1.96	2.64	0.99	1.00	2.41	2.70	1.21	2.87	1.18	1.27	0.78
	S.E.	0.72	1.01	0.43	0.44	1.08	1.17	0.62	1.26	0.47	0.90	0.38
Geology/Earth Science (0.50)	Percent	21.96	21.34	19.34	26.02	27.42	18.58	20.74	15.94	24.99	18.64	28.71
	S.E.	3.26	3.18	5.34	5.76	4.76	6.23	3.37	3.51	3.48	3.47	4.38
Biology + Chemistry (2.00)	Percent	65.96	57.16	54.86	56.16	58.41	53.45	49.99	49.78	50.62	48.24	44.94
	S.E.	1.94	1.94	1.83	4.09	2.00	2.24	1.36	3.07	2.42	3.13	1.79
Biology + Chemistry + Physics (3.00)	Percent	28.89	26.87	20.95	23.24	28.08	22.03	16.52	20.24	20.79	19.12	17.19
	S.E.	3.15	2.02	1.18	2.46	2.42	1.81	0.87	1.90	1.28	2.26	0.96

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.



Table 69.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in science courses in 1998, 1994, 1990, and 1982, by school type (public/nonpublic)

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Nonpublic	Public	Nonpublic	Public	Nonpublic	Public	Nonpublic
Any Science (1.00)	Percent	99.51	99.59	99.64	99.71	99.36	99.82	96.15	99.18
	S.E.	0.10	0.37	0.08	0.17	0.16	0.07	0.29	0.20
Survey Science (1.00)	Percent	69.00	48.89	71.28	69.16	68.89	59.89	62.80	56.41
	S.E.	2.95	11.81	1.96	6.20	1.96	4.22	1.06	4.66
Biology (1.00)	Percent	92.56	96.42	93.08	97.12	90.49	97.08	74.74	92.17
	S.E.	0.73	1.45	1.03	0.93	1.07	0.56	0.91	1.51
AP/IB/Honors Biology (1.00)	Percent	15.53	23.93	11.39	17.53	10.24	8.89	9.61	10.00
	S.E.	1.42	4.19	1.00	4.28	1.07	1.62	0.65	2.07
Chemistry (1.00)	Percent	58.83	77.81	54.15	74.81	47.10	66.71	28.90	49.56
	S.E.	1.26	5.73	1.04	3.73	1.35	2.72	0.83	2.40
AP/IB/Honors Chemistry (1.00)	Percent	4.69	5.39	3.97	3.18	3.59	2.10	2.68	4.91
	S.E.	0.52	2.04	0.53	1.54	0.53	0.49	0.37	1.62
Physics (1.00)	Percent	26.88	49.38	24.05	31.97	20.54	31.55	13.51	22.11
	S.E.	1.14	10.07	0.87	3.16	0.85	2.27	0.50	1.87
AP/IB/Honors Physics (1.00)	Percent	2.91	3.79	2.74	2.44	1.90	3.32	1.05	1.45
	S.E.	0.39	1.39	0.35	1.40	0.40	0.79	0.16	0.60
Engineering (1.00)	Percent	6.87	5.41	4.64	2.99	4.54	1.36	1.21	0.94
	S.E.	1.89	2.86	0.85	2.69	1.11	0.63	0.30	0.27
Astronomy (0.50)	Percent	1.78	3.33	1.82	0.28	1.30	0.63	1.19	0.13
	S.E.	0.45	1.70	0.54	0.22	0.34	0.27	0.16	0.07
Geology/Earth Science (0.50)	Percent	22.02	9.44	23.25	21.01	25.02	22.12	13.85	8.68
	S.E.	2.47	3.10	2.55	7.00	2.62	4.09	0.64	2.34
Biology + Chemistry (2.00)	Percent	57.48	76.85	52.12	72.50	45.72	65.15	26.07	47.14
	S.E.	1.18	5.97	1.13	3.75	1.36	2.68	0.89	2.61
Biology + Chemistry + Physics (3.00)	Percent	23.69	46.21	20.75	29.93	17.83	28.38	9.85	17.66
	S.E.	1.00	9.73	0.80	2.87	0.71	2.04	0.49	1.59

Table 70.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in science courses in 1998, 1994, 1990, and 1982, by region

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Any Science (1.00)																
Percent	99.74	99.83	99.40	99.02	99.87	99.84	99.62	99.04	99.30	99.87	98.77	99.60	97.47	98.10	94.94	94.83
S.E.	0.19	0.10	0.23	0.29	0.08	0.05	0.19	0.24	0.18	0.05	0.51	0.13	0.53	0.34	0.56	0.97
Survey Science (1.00)																
Percent	58.92	72.18	67.92	65.92	65.58	77.57	69.48	64.13	70.83	79.20	55.92	62.84	69.43	74.37	53.58	44.40
S.E.	6.26	4.51	6.03	5.25	5.28	2.63	4.20	3.36	3.04	2.21	3.93	4.81	2.09	1.71	2.04	3.49
Biology (1.00)																
Percent	94.09	96.73	90.70	88.73	95.33	96.19	90.43	90.16	93.88	95.64	82.61	91.93	81.54	80.51	71.40	71.84
S.E.	1.08	0.55	2.06	1.48	0.62	0.64	2.95	2.60	1.49	1.40	2.72	1.70	1.41	1.56	1.40	2.01
AP/IB/Honors Biology (1.00)																
Percent	14.81	23.94	11.53	11.46	13.49	16.53	5.95	9.43	13.12	12.42	5.24	9.62	14.62	8.38	8.36	7.49
S.E.	2.07	3.03	2.60	1.73	1.91	2.02	0.93	1.61	1.89	2.26	1.53	2.74	1.49	1.07	0.78	0.90
Chemistry (1.00)																
Percent	67.66	66.99	56.82	49.08	64.84	52.81	56.31	53.56	58.69	48.35	44.58	45.07	44.79	26.54	30.61	21.90
S.E.	2.96	1.52	2.82	3.35	1.93	1.80	1.72	2.84	1.63	2.11	2.78	2.76	1.63	1.19	1.15	1.54
AP/IB/Honors Chemistry (1.00)																
Percent	4.21	5.75	3.69	4.93	3.16	4.76	4.27	2.07	4.55	3.19	3.24	3.04	6.11	1.62	1.94	2.65
S.E.	0.92	1.01	0.95	1.06	1.31	0.91	1.18	0.52	1.67	0.45	0.83	0.76	1.10	0.38	0.48	0.74
Physics (1.00)																
Percent	36.21	30.15	25.95	24.17	36.12	20.84	24.67	23.13	29.33	17.57	21.54	19.86	22.98	9.39	15.17	10.82
S.E.	3.78	3.33	1.93	2.81	2.91	1.24	1.39	2.29	1.71	1.52	1.83	1.73	1.20	0.73	1.05	1.61
AP/IB/Honors Physics (1.00)																
Percent	2.94	3.70	2.20	2.86	5.44	2.39	1.83	2.45	2.26	1.16	1.65	3.77	1.95	0.58	1.11	0.86
S.E.	0.81	0.79	0.73	0.67	1.23	0.46	0.62	0.68	0.62	0.35	0.68	1.37	0.50	0.20	0.28	0.37
Engineering (1.00)																
Percent	16.81	6.04	4.35	2.23	11.05	5.63	1.20	1.41	6.07	3.31	4.95	2.93	1.97	0.85	0.52	1.86
S.E.	8.54	2.21	1.37	0.90	2.81	1.60	0.80	0.96	2.83	1.29	2.24	1.77	0.68	0.31	0.19	0.81

Table 70.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in science courses in 1998, 1994, 1990, and 1982,  
by region  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Astronomy (0.50)																
Percent	2.74	1.45	1.88	2.00	1.50	1.18	3.19	0.67	1.40	1.30	1.67	0.36	1.44	1.00	1.25	0.40
S.E.	0.97	0.59	1.21	0.84	0.58	0.32	1.70	0.32	0.67	0.53	0.78	0.25	0.33	0.35	0.35	0.23
Geology/Earth Science (0.50)																
Percent	35.31	20.69	15.29	15.85	34.56	19.20	22.21	22.87	41.82	17.87	19.04	25.71	22.85	9.33	11.22	11.18
S.E.	7.91	4.34	1.86	3.54	7.41	4.28	3.72	4.77	6.79	3.71	3.99	5.23	2.56	1.82	1.56	2.01
Biology + Chemistry (2.00)																
Percent	65.86	66.00	55.95	47.15	63.53	51.87	53.10	50.22	57.39	47.48	42.36	43.84	42.14	24.56	27.38	18.21
S.E.	2.51	1.57	2.80	3.10	1.99	1.77	2.79	2.57	1.71	2.11	2.88	2.67	1.52	1.07	1.13	1.79
Biology + Chemistry + Physics (3.00)																
Percent	33.01	27.05	23.83	19.64	33.16	18.21	21.32	18.63	25.68	15.60	18.66	16.92	19.19	6.74	10.46	6.83
S.E.	3.24	3.34	1.59	2.04	2.62	1.12	1.66	1.94	1.16	1.30	1.55	1.47	0.97	0.67	0.84	1.16

Table 71.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in foreign language courses in 1998, 1994, 1990, and 1982

Courses Taken		1998 Graduates	1994 Graduates	1990 Graduates	1982 Graduates
Any Foreign Language (1.00)	Percent	79.68	76.10	70.26	49.76
	S.E.	0.95	0.90	1.18	0.77
Survey Foreign Language (1.00)	Percent	2.10	1.93	2.01	0.29
	S.E.	0.24	0.24	0.47	0.04
French (1.00)	Percent	15.75	17.97	19.88	16.13
	S.E.	0.87	0.73	0.85	0.63
Spanish (1.00)	Percent	56.57	50.77	44.13	29.23
	S.E.	1.31	1.05	1.15	0.74
German (1.00)	Percent	5.06	4.73	5.52	4.33
	S.E.	0.53	0.40	0.47	0.34
Latin (1.00)	Percent	3.21	4.06	3.98	3.61
	S.E.	0.40	0.47	0.45	0.35
Japanese (1.00)	Percent	1.34	0.80	0.61	0.15
	S.E.	0.46	0.26	0.36	0.07
Mandarin/Cantonese (1.00)	Percent	0.26	0.08	0.07	0.02
	S.E.	0.06	0.02	0.03	0.01
Russian (1.00)	Percent	0.13	0.32	0.24	0.09
	S.E.	0.08	0.08	0.08	0.03
Foreign Language - Other (1.00)	Percent	3.50	2.83	1.72	1.18
	S.E.	0.59	0.35	0.30	0.21
Any AP/IB/Honors Foreign Language (1.00)	Percent	4.51	3.13	3.17	1.19
	S.E.	0.54	0.38	0.51	0.20

Table 72.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in foreign language courses in 1998, 1994, 1990, and 1982, by gender

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
Any Foreign Language (1.00)	Percent	85.03	73.93	82.42	69.46	76.09	63.93	56.52	42.39
	S.E.	0.86	1.29	0.88	1.06	1.17	1.32	0.99	0.90
Survey Foreign Language (1.00)	Percent	2.12	2.09	1.81	2.02	2.03	1.98	0.22	0.36
	S.E.	0.24	0.27	0.27	0.24	0.53	0.45	0.07	0.07
French (1.00)	Percent	18.87	12.72	22.70	13.05	24.29	15.15	19.68	12.26
	S.E.	1.11	0.77	0.88	0.71	1.09	0.79	0.72	0.72
Spanish (1.00)	Percent	60.00	52.89	53.37	48.03	46.89	41.09	33.04	25.07
	S.E.	1.36	1.45	1.21	1.06	1.32	1.20	0.93	0.78
German (1.00)	Percent	4.67	5.21	4.66	4.81	5.04	6.05	4.42	4.23
	S.E.	0.65	0.54	0.50	0.40	0.52	0.53	0.54	0.23
Latin (1.00)	Percent	3.54	2.88	4.08	4.04	4.07	3.89	4.10	3.07
	S.E.	0.47	0.40	0.49	0.67	0.49	0.47	0.43	0.43
Japanese (1.00)	Percent	1.25	1.36	0.78	0.82	0.62	0.59	0.18	0.13
	S.E.	0.50	0.44	0.28	0.24	0.31	0.40	0.11	0.06
Mandarin/Cantonese (1.00)	Percent	0.22	0.28	0.08	0.08	0.07	0.06	0.03	0.02
	S.E.	0.05	0.08	0.03	0.03	0.05	0.03	0.02	0.01
Russian (1.00)	Percent	0.09	0.18	0.32	0.32	0.23	0.24	0.09	0.09
	S.E.	0.05	0.16	0.08	0.09	0.08	0.09	0.06	0.04
Foreign Language - Other (1.00)	Percent	3.64	3.37	3.05	2.60	1.84	1.60	1.25	1.11
	S.E.	0.64	0.56	0.45	0.30	0.34	0.30	0.19	0.28
Any AP/IB/Honors Foreign Language (1.00)	Percent	5.94	3.04	3.98	2.24	3.91	2.37	1.48	0.87
	S.E.	0.71	0.42	0.50	0.42	0.66	0.40	0.27	0.19

Table 73.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in foreign language courses in 1998, 1994, 1990, and 1982, by race/ethnicity

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Any Foreign Language (1.00)																				
Percent	79.54	71.84	83.26	89.08	68.20	76.42	66.19	84.10	90.59	59.77	70.24	61.50	79.60	89.42	55.98	52.09	40.74	41.27	76.41	55.42
S.E.	1.13	2.09	1.19	2.71	4.93	1.01	2.16	1.06	2.99	5.16	1.36	2.99	2.20	4.08	6.00	0.92	2.06	1.84	2.86	8.45
Survey Foreign Language (1.00)																				
Percent	0.48	1.23	11.43	11.57	0.23	0.39	0.81	11.15	14.05	1.30	0.28	1.44	14.16	13.76	0.00	0.05	0.01	1.24	5.87	0.97
S.E.	0.11	0.46	1.24	2.59	0.23	0.07	0.29	1.69	2.70	0.87	0.10	0.78	3.86	4.12	0.00	0.03	0.02	0.33	1.06	0.64
French (1.00)																				
Percent	16.83	14.06	10.67	13.78	14.24	18.26	16.95	16.33	19.02	12.11	20.65	16.66	17.11	25.38	14.02	17.82	11.86	8.29	25.32	19.71
S.E.	1.02	0.96	1.24	2.39	2.69	0.84	1.66	1.26	2.41	4.19	0.98	1.67	1.92	5.33	2.95	0.87	1.26	0.97	2.55	7.96
Spanish (1.00)																				
Percent	56.00	56.40	61.96	48.62	53.85	51.27	46.27	56.54	51.48	33.81	43.18	43.50	55.18	42.39	42.17	28.90	27.75	32.45	39.14	35.27
S.E.	1.43	2.33	3.36	4.70	5.88	1.17	1.54	2.78	3.86	4.74	1.32	2.69	2.51	5.46	5.76	0.92	2.13	1.11	3.80	6.09
German (1.00)																				
Percent	6.39	1.34	1.24	3.04	0.90	5.69	1.37	1.64	2.88	4.93	6.92	1.34	2.09	3.68	1.32	5.24	0.91	1.22	8.69	3.30
S.E.	0.70	0.37	0.25	0.94	0.69	0.53	0.24	0.36	0.75	2.43	0.59	0.44	0.43	1.34	1.00	0.43	0.29	0.31	2.64	2.56
Latin (1.00)																				
Percent	3.53	2.88	0.93	2.62	1.42	4.61	2.71	2.47	4.74	2.11	4.55	2.46	1.46	5.14	0.50	3.95	3.93	0.99	5.13	4.78
S.E.	0.51	0.54	0.30	0.83	0.93	0.58	0.49	0.87	0.98	1.05	0.51	0.64	0.34	1.76	0.51	0.47	1.52	0.26	1.41	3.62
Japanese (1.00)																				
Percent	0.59	0.55	1.05	14.03	0.00	0.52	0.31	0.58	9.37	0.37	0.19	0.46	0.26	10.57	0.00	0.05	0.05	0.09	6.86	0.00
S.E.	0.17	0.14	0.70	5.69	0.00	0.15	0.10	0.29	4.09	0.47	0.05	0.41	0.11	9.17	0.00	0.03	0.05	0.07	3.31	0.00
Mandarin/Cantonese (1.00)																				
Percent	0.09	0.03	0.14	3.97	0.56	0.02	0.00	0.02	1.17	0.00	0.00	0.00	0.14	1.60	0.00	0.00	0.00	0.00	1.42	0.17
S.E.	0.04	0.03	0.13	1.32	0.56	0.02	0.00	0.02	0.32	0.00	0.00	0.00	0.15	0.65	0.00	0.00	0.00	0.00	0.67	0.18
Russian (1.00)																				
Percent	0.18	0.04	0.00	0.05	0.00	0.31	0.26	0.04	0.33	0.77	0.25	0.09	0.40	0.08	0.00	0.09	0.13	0.00	0.43	0.01
S.E.	0.11	0.03	0.00	0.05	0.00	0.07	0.12	0.03	0.20	0.53	0.09	0.05	0.22	0.08	0.00	0.03	0.10	0.00	0.45	0.01

Table 73.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in foreign language courses in 1998, 1994, 1990, and 1982, by race/ethnicity  
(Continued)

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Foreign Language - Other (1.00)																				
Percent	1.44	2.15	15.67	11.26	0.13	1.53	1.01	13.14	6.75	16.22	1.02	0.25	8.39	4.61	1.14	1.39	0.35	0.82	1.01	0.00
S.E.	0.49	1.42	3.49	2.01	0.13	0.33	0.24	1.99	1.34	5.77	0.18	0.13	2.22	1.01	0.83	0.27	0.13	0.22	0.58	0.00
Any AP/IB/Honors Foreign Language (1.00)																				
Percent	3.92	2.61	8.04	9.41	0.13	2.84	1.12	7.65	5.14	0.52	3.25	0.85	3.52	6.74	0.00	1.27	0.55	1.13	2.42	0.64
S.E.	0.58	0.54	1.02	1.49	0.13	0.41	0.31	1.21	1.18	0.38	0.59	0.17	0.67	2.65	0.00	0.23	0.20	0.35	0.97	0.65

Table 74.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in foreign language courses in 1998, 1994, 1990, and 1982, by student program

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Any Foreign Language (1.00)																
Percent	87.74	33.98	66.37	57.97	86.32	29.37	60.79	55.70	83.47	32.20	51.91	53.99	73.50	22.90	33.71	40.26
S.E.	0.58	2.96	1.88	3.18	0.82	1.96	1.52	2.88	0.92	2.49	2.05	2.32	0.90	1.17	2.58	1.87
Survey Foreign Language (1.00)																
Percent	1.77	2.88	0.79	10.47	1.70	1.68	1.10	7.88	1.48	3.31	0.76	6.27	0.25	0.13	0.07	0.58
S.E.	0.23	0.71	0.18	1.52	0.24	0.34	0.34	1.20	0.33	1.39	0.24	1.73	0.06	0.05	0.07	0.11
French (1.00)																
Percent	17.81	4.88	12.36	9.43	21.02	7.21	12.76	10.29	25.23	7.87	11.12	11.91	26.28	5.94	11.16	10.21
S.E.	1.07	0.98	0.99	1.32	0.85	1.00	1.00	1.31	0.91	1.14	0.97	1.83	1.14	0.66	1.46	1.07
Spanish (1.00)																
Percent	62.00	23.77	49.03	38.38	57.06	18.34	43.20	36.12	51.70	20.08	35.68	33.83	41.05	14.75	19.71	26.06
S.E.	1.21	2.80	2.46	2.71	1.18	1.32	1.30	2.76	1.12	1.77	1.69	2.30	1.35	0.99	2.00	1.36
German (1.00)																
Percent	5.71	2.40	3.68	3.59	5.63	2.11	2.79	3.25	6.30	3.03	3.46	6.54	6.61	1.99	2.00	3.49
S.E.	0.60	0.59	0.60	0.82	0.50	0.46	0.44	0.57	0.54	0.69	0.48	2.19	0.59	0.39	0.48	0.54
Latin (1.00)																
Percent	3.83	0.24	2.22	0.98	5.19	0.79	1.83	1.46	5.67	0.26	1.35	1.08	6.82	0.75	1.62	1.55
S.E.	0.53	0.14	0.33	0.78	0.63	0.31	0.34	0.58	0.61	0.11	0.35	0.48	0.73	0.17	0.40	0.27
Japanese (1.00)																
Percent	1.66	0.29	0.57	0.61	0.98	0.29	0.46	0.35	0.70	0.06	0.94	0.02	0.18	0.02	0.49	0.11
S.E.	0.57	0.30	0.23	0.32	0.32	0.13	0.18	0.17	0.40	0.06	0.57	0.02	0.09	0.02	0.33	0.08
Mandarin/Cantonese (1.00)																
Percent	0.35	0.03	0.03	0.06	0.11	0.03	0.00	0.03	0.07	0.20	0.00	0.02	0.03	0.01	0.00	0.02
S.E.	0.08	0.03	0.01	0.04	0.03	0.04	0.00	0.03	0.03	0.21	0.00	0.02	0.02	0.01	0.00	0.01
Russian (1.00)																
Percent	0.18	0.00	0.01	0.04	0.41	0.00	0.17	0.08	0.36	0.00	0.03	0.00	0.18	0.00	0.11	0.02
S.E.	0.11	0.00	0.01	0.04	0.10	0.00	0.07	0.07	0.12	0.00	0.03	0.00	0.06	0.00	0.11	0.02



Table 74.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in foreign language courses in 1998, 1994, 1990, and 1982,  
by student program  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Foreign Language - Other (1.00)																
Percent	3.61	1.96	2.49	6.98	3.04	1.22	1.86	5.43	2.09	0.47	1.27	1.41	1.92	0.56	0.38	0.80
S.E.	0.69	0.58	0.50	1.43	0.35	0.45	0.48	1.11	0.32	0.22	0.43	0.52	0.38	0.17	0.20	0.23
Any AP/IB/Honors Foreign Language (1.00)																
Percent	5.79	0.16	1.50	1.94	4.33	0.13	0.49	0.83	4.68	0.03	0.74	0.54	2.26	0.36	0.21	0.50
S.E.	0.68	0.13	0.43	0.67	0.53	0.10	0.13	0.24	0.75	0.03	0.26	0.20	0.44	0.14	0.15	0.15

Table 75.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in foreign language courses in 1998, 1994, and 1990, by community type

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Any Foreign Language (1.00)	Percent	83.61	82.26	72.55	83.68	83.75	77.04	67.93	79.09	76.44	72.66	63.69
	S.E.	1.74	1.04	2.43	1.92	1.12	1.66	1.65	2.69	1.71	2.69	2.00
Survey Foreign Language (1.00)	Percent	3.01	2.58	0.58	4.07	2.25	1.58	0.96	7.14	2.40	0.66	0.62
	S.E.	0.55	0.39	0.29	0.89	0.36	0.43	0.40	2.77	0.58	0.40	0.29
French (1.00)	Percent	15.09	16.17	15.89	20.44	20.24	20.76	14.58	21.13	20.34	23.42	18.40
	S.E.	0.90	1.40	1.73	1.64	1.42	2.14	1.23	1.18	1.21	2.04	1.54
Spanish (1.00)	Percent	56.83	57.58	55.05	53.21	54.57	45.82	49.16	49.84	47.98	43.57	40.49
	S.E.	2.06	1.70	3.30	1.93	1.87	3.48	1.50	2.50	1.65	2.32	1.98
German (1.00)	Percent	5.42	5.29	4.42	5.23	5.47	5.77	3.72	4.24	5.98	5.94	5.54
	S.E.	1.01	0.58	1.37	0.90	1.02	0.79	0.68	1.07	0.71	0.89	0.98
Latin (1.00)	Percent	3.51	4.90	0.83	5.56	4.14	5.49	2.88	4.20	3.99	5.89	3.44
	S.E.	0.47	0.74	0.67	1.16	1.27	1.44	0.57	0.83	0.85	1.39	0.55
Japanese (1.00)	Percent	2.65	1.27	0.09	0.83	0.68	1.65	0.57	0.49	1.85	0.04	0.10
	S.E.	1.00	0.50	0.05	0.28	0.25	0.80	0.33	0.09	1.43	0.03	0.06
Mandarin/Cantonese (1.00)	Percent	0.58	0.21	0.00	0.21	0.13	0.08	0.00	0.26	0.04	0.00	0.04
	S.E.	0.17	0.10	0.00	0.04	0.08	0.07	0.00	0.18	0.03	0.00	0.02
Russian (1.00)	Percent	0.07	0.28	0.01	0.62	0.49	0.25	0.11	0.52	0.40	0.40	0.02
	S.E.	0.04	0.20	0.01	0.22	0.25	0.17	0.04	0.37	0.16	0.24	0.01
Foreign Language - Other (1.00)	Percent	5.08	4.53	0.64	5.95	4.18	3.13	0.61	4.15	2.43	1.14	0.76
	S.E.	0.94	0.95	0.35	1.19	1.07	1.50	0.19	1.08	0.75	0.60	0.31
Any AP/IB/Honors Foreign Language (1.00)	Percent	4.51	7.25	1.13	3.92	6.15	2.77	1.08	5.26	6.10	0.78	1.54
	S.E.	0.91	1.15	0.63	1.02	1.05	0.67	0.37	1.65	1.62	0.27	0.48

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.

Table 76.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in foreign language courses in 1998, 1994, 1990, and 1982, by school type (public/nonpublic)

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Nonpublic	Public	Nonpublic	Public	Nonpublic	Public	Nonpublic
Any Foreign Language (1.00)	Percent	78.07	96.42	74.43	95.33	68.46	88.08	46.13	79.72
	S.E.	0.97	1.38	0.94	1.55	1.24	1.83	0.83	1.82
Survey Foreign Language (1.00)	Percent	2.30	0.00	1.99	1.24	2.16	0.47	0.32	0.02
	S.E.	0.26	0.00	0.26	0.59	0.53	0.26	0.04	0.01
French (1.00)	Percent	15.39	19.45	17.52	23.14	19.18	26.92	14.69	28.02
	S.E.	0.89	3.36	0.75	3.17	0.92	2.11	0.69	2.37
Spanish (1.00)	Percent	55.57	66.92	49.67	63.54	42.98	55.55	27.38	44.51
	S.E.	1.36	3.43	1.11	3.04	1.18	2.22	0.85	2.03
German (1.00)	Percent	5.24	3.14	4.71	5.00	5.82	2.58	4.24	5.04
	S.E.	0.57	0.92	0.41	1.66	0.52	0.68	0.36	1.05
Latin (1.00)	Percent	2.74	8.05	3.36	12.05	3.38	9.96	2.99	8.72
	S.E.	0.38	2.43	0.42	3.24	0.44	1.62	0.29	1.57
Japanese (1.00)	Percent	1.00	4.79	0.77	1.20	0.62	0.47	0.17	0.00
	S.E.	0.34	1.91	0.24	0.64	0.36	0.33	0.08	0.00
Mandarin/Cantonese (1.00)	Percent	0.23	0.54	0.09	0.00	0.05	0.26	0.02	0.00
	S.E.	0.06	0.21	0.03	0.00	0.03	0.13	0.01	0.00
Russian (1.00)	Percent	0.12	0.26	0.33	0.24	0.20	0.62	0.07	0.29
	S.E.	0.08	0.27	0.09	0.15	0.07	0.38	0.04	0.15
Foreign Language - Other (1.00)	Percent	3.53	3.24	2.78	3.36	1.51	3.77	0.92	3.33
	S.E.	0.55	1.96	0.37	1.22	0.29	0.98	0.17	1.19
Any AP/IB/Honors Foreign Language (1.00)	Percent	4.12	8.63	2.65	8.67	3.06	4.25	0.99	2.81
	S.E.	0.50	2.93	0.29	3.10	0.54	1.56	0.15	1.31

Table 77.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in foreign language courses in 1998, 1994, 1990, and 1982, by region

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Any Foreign Language (1.00)																
Percent	84.64	80.57	74.19	80.61	85.84	70.95	74.98	80.72	78.45	65.65	64.99	76.35	66.89	41.07	43.37	53.49
S.E.	2.06	1.55	2.39	1.98	0.85	1.83	1.86	1.63	1.36	2.09	2.74	2.26	1.84	1.48	1.68	1.96
Survey Foreign Language (1.00)																
Percent	2.19	1.54	0.98	4.15	2.56	1.54	0.78	4.06	2.05	1.09	0.46	5.61	0.33	0.26	0.05	0.69
S.E.	0.68	0.30	0.39	0.66	0.52	0.55	0.34	0.73	0.78	0.45	0.29	2.17	0.11	0.07	0.03	0.15
French (1.00)																
Percent	20.37	14.81	16.08	12.94	23.27	16.94	18.15	15.23	25.26	18.27	17.37	20.22	25.82	15.04	12.07	12.01
S.E.	2.60	1.41	1.91	1.39	1.98	1.27	1.38	1.22	2.16	1.24	1.89	1.25	1.29	0.93	1.05	1.33
Spanish (1.00)																
Percent	57.83	60.75	51.04	55.66	51.73	47.36	50.14	58.60	48.72	43.30	39.37	47.06	36.44	24.52	25.26	34.94
S.E.	2.58	2.22	2.63	2.99	2.23	1.73	1.86	2.64	2.99	1.92	2.60	1.90	1.86	1.26	1.41	1.19
German (1.00)																
Percent	2.81	3.96	8.18	4.93	5.03	3.52	7.10	3.43	3.61	3.45	9.39	5.82	5.30	1.73	5.55	5.68
S.E.	1.02	0.99	1.15	1.07	1.61	0.51	0.84	0.45	0.77	0.58	1.18	1.18	0.82	0.30	0.57	1.05
Latin (1.00)																
Percent	6.03	4.75	1.04	1.08	5.62	5.55	2.86	1.21	7.14	3.99	2.50	2.56	7.18	3.09	2.44	1.72
S.E.	1.74	0.75	0.44	0.23	1.43	0.93	0.64	0.59	1.12	0.65	0.87	0.96	0.95	0.63	0.65	0.65
Japanese (1.00)																
Percent	0.69	0.11	0.39	4.80	0.22	0.35	0.31	3.14	0.01	0.04	0.36	2.55	0.05	0.00	0.00	0.85
S.E.	0.50	0.04	0.25	2.06	0.16	0.11	0.14	1.45	0.01	0.03	0.35	1.80	0.05	0.00	0.00	0.42
Mandarin/Cantonese (1.00)																
Percent	0.26	0.06	0.04	0.80	0.17	0.01	0.14	0.08	0.20	0.02	0.00	0.10	0.04	0.00	0.00	0.08
S.E.	0.13	0.04	0.03	0.26	0.03	0.01	0.08	0.04	0.12	0.02	0.00	0.07	0.03	0.00	0.00	0.05
Russian (1.00)																
Percent	0.39	0.12	0.03	0.06	0.82	0.33	0.15	0.13	0.14	0.31	0.09	0.40	0.11	0.05	0.15	0.03
S.E.	0.40	0.08	0.02	0.04	0.40	0.11	0.09	0.08	0.09	0.14	0.08	0.27	0.07	0.04	0.08	0.03

Table 77.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in foreign language courses in 1998, 1994, 1990, and 1982, by region  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Foreign Language - Other (1.00)																
Percent	6.03	1.98	1.05	6.53	7.53	1.92	1.25	3.20	3.05	1.12	0.53	2.92	3.28	0.19	0.69	1.02
S.E.	1.96	0.34	0.37	1.58	1.56	0.56	0.50	0.50	0.61	0.60	0.18	0.81	0.87	0.09	0.21	0.63
Any AP/IB/Honors Foreign Language (1.00)																
Percent	7.77	3.99	2.82	4.57	5.25	2.09	2.70	4.26	7.07	1.26	0.37	5.99	3.13	0.40	0.71	0.82
S.E.	1.94	0.83	0.88	0.84	0.83	0.41	1.07	0.93	1.32	0.36	0.17	2.01	0.55	0.16	0.18	0.37

Table 78.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in computer-related courses in 1998, 1994, 1990, and 1982

Courses Taken		1998 Graduates	1994 Graduates	1990 Graduates	1982 Graduates
Clerical & Data Entry (1.00)	Percent	18.43	20.52	8.18	1.71
	S.E.	1.51	1.53	0.99	0.22
Computer Applications (1.00)	Percent	10.22	3.55	1.03	1.02
	S.E.	1.06	0.41	0.20	0.16
Computer Science (0.50)	Percent	30.94	28.14	53.99	14.23
	S.E.	2.23	1.58	1.55	0.47
Computer Science (1.00)	Percent	14.47	12.38	30.59	6.58
	S.E.	1.19	0.83	1.52	0.26

Table 79.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in computer-related courses in 1998, 1994, 1990, and 1982, by gender

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
Clerical & Data Entry (1.00)	Percent	20.92	15.62	24.40	16.42	9.86	6.38	1.66	1.76
	S.E.	1.64	1.49	1.72	1.42	1.22	0.83	0.21	0.30
Computer Applications (1.00)	Percent	6.84	14.17	1.14	6.08	0.42	1.68	0.62	1.46
	S.E.	1.14	1.33	0.19	0.73	0.14	0.33	0.12	0.32
Computer Science (0.50)	Percent	29.61	32.37	26.53	29.83	55.97	51.86	12.87	15.72
	S.E.	2.28	2.57	1.63	1.76	1.81	1.56	0.49	0.92
Computer Science (1.00)	Percent	13.09	16.15	10.96	13.85	31.81	29.27	5.56	7.70
	S.E.	1.03	1.91	0.80	1.01	1.71	1.53	0.36	0.48

Table 80.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in computer-related courses in 1998, 1994, 1990, and 1982, by race/ethnicity

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Clerical & Data Entry (1.00)																				
Percent	17.91	23.16	18.21	23.28	14.33	19.88	23.11	29.38	20.28	25.26	7.48	11.70	9.38	5.57	7.49	1.73	2.26	0.95	3.77	0.08
S.E.	1.68	3.53	1.42	3.44	2.97	1.67	2.83	4.70	2.64	9.78	1.13	1.83	1.94	1.42	2.76	0.27	0.58	0.23	1.40	0.08
Computer Applications (1.00)																				
Percent	10.66	10.76	9.27	6.79	9.15	3.84	3.22	1.72	1.75	3.83	1.10	0.69	1.07	1.29	0.00	0.99	1.19	0.99	0.91	1.55
S.E.	1.28	1.72	1.20	1.48	2.43	0.51	0.83	0.57	0.45	1.67	0.24	0.24	0.43	0.53	0.00	0.18	0.44	0.44	0.55	1.59
Computer Science (0.50)																				
Percent	31.81	31.11	32.37	25.68	33.04	27.85	26.05	31.28	37.80	29.33	53.17	56.39	57.73	55.24	56.42	15.07	13.78	9.23	20.39	11.17
S.E.	2.87	2.38	2.92	4.65	5.00	1.73	3.20	3.21	3.42	4.64	1.80	2.69	3.51	3.27	4.75	0.66	1.64	1.04	3.14	3.73
Computer Science (1.00)																				
Percent	13.91	16.73	17.25	14.99	17.99	12.33	9.34	16.26	19.59	8.53	29.57	34.43	34.37	32.59	28.45	6.68	6.85	5.23	11.73	3.87
S.E.	1.37	1.59	2.24	3.38	4.52	1.03	1.17	2.16	1.94	1.34	1.70	2.93	3.42	2.93	5.79	0.32	1.04	0.89	1.76	2.19



Table 81.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in computer-related courses in 1998, 1994, 1990, and 1982, by student program

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Clerical & Data Entry (1.00)																
Percent	16.57	12.26	28.13	13.09	18.66	21.22	28.24	16.20	6.73	8.21	15.01	6.31	1.24	1.81	3.54	1.75
S.E.	1.49	1.94	2.78	2.14	1.68	1.96	1.93	1.83	0.98	1.48	1.70	1.75	0.20	0.27	0.94	0.42
Computer Applications (1.00)																
Percent	7.73	17.20	18.46	7.93	2.29	8.24	6.39	4.01	0.67	1.16	2.61	0.56	0.30	2.63	2.28	0.29
S.E.	0.85	2.96	2.68	1.34	0.38	1.63	0.84	0.82	0.18	0.41	0.66	0.11	0.10	0.42	0.82	0.11
Computer Science (0.50)																
Percent	32.82	23.90	27.39	24.48	31.10	11.91	25.79	18.31	56.76	41.00	55.49	46.95	17.55	11.40	16.77	10.35
S.E.	2.45	4.21	2.46	2.86	1.76	1.89	1.85	2.42	1.63	3.17	1.76	3.20	0.79	0.87	1.44	0.69
Computer Science (1.00)																
Percent	15.10	7.59	15.60	7.67	14.30	3.00	11.18	3.61	31.79	23.14	36.45	20.60	7.17	6.26	11.03	4.31
S.E.	1.47	1.50	1.38	1.47	1.01	0.68	0.82	0.63	1.74	2.26	2.02	1.86	0.53	0.54	1.51	0.52

Table 82.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in computer-related courses in 1998, 1994, and 1990, by community type

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Clerical & Data Entry (1.00)	Percent	13.85	19.97	21.11	16.07	18.46	22.48	22.95	9.07	6.39	7.63	9.04
	S.E.	2.67	2.03	2.64	2.98	3.23	3.78	2.00	2.24	1.76	1.82	1.76
Computer Applications (1.00)	Percent	7.54	9.04	14.38	1.90	2.73	3.19	4.87	1.33	0.87	1.20	0.98
	S.E.	1.87	1.00	2.49	0.44	0.43	0.70	0.87	0.50	0.26	0.54	0.37
Computer Science (0.50)	Percent	32.19	24.51	37.62	28.64	34.82	24.56	25.10	57.50	50.53	49.58	55.95
	S.E.	4.49	2.20	4.97	3.59	3.70	4.50	2.18	3.47	2.91	6.32	2.19
Computer Science (1.00)	Percent	14.69	13.00	16.07	10.78	11.18	14.01	13.22	33.39	28.36	30.05	31.12
	S.E.	3.14	1.44	1.88	1.32	1.23	2.49	1.56	3.24	3.00	3.77	2.40

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.

Table 83.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in computer-related courses in 1998, 1994, 1990, and 1982, by school type (public/nonpublic)

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Nonpublic	Public	Nonpublic	Public	Nonpublic	Public	Nonpublic
Clerical & Data Entry (1.00)	Percent	19.70	5.17	21.26	11.95	8.87	1.39	1.87	0.39
	S.E.	1.56	3.04	1.49	4.98	1.06	0.62	0.25	0.19
Computer Applications (1.00)	Percent	11.06	1.56	3.74	1.33	1.11	0.23	1.09	0.44
	S.E.	1.17	0.89	0.44	0.66	0.22	0.19	0.17	0.24
Computer Science (0.50)	Percent	29.51	45.73	26.80	43.65	54.02	53.73	14.56	11.58
	S.E.	2.24	11.76	1.63	7.37	1.66	3.30	0.44	1.54
Computer Science (1.00)	Percent	13.46	24.97	11.95	17.37	30.84	28.05	6.94	3.63
	S.E.	1.03	9.42	0.86	4.39	1.68	3.06	0.29	1.06

Table 84.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in computer-related courses in 1998, 1994, 1990, and 1982, by region

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Clerical & Data Entry (1.00)																
Percent	23.22	28.28	8.21	11.57	22.55	26.59	13.59	16.10	9.81	11.65	4.56	5.50	2.59	1.15	1.88	1.22
S.E.	4.27	3.37	2.20	1.35	6.16	2.57	1.77	1.68	2.51	1.63	1.87	1.91	0.46	0.35	0.42	0.38
Computer Applications (1.00)																
Percent	6.85	13.36	11.79	6.49	3.63	3.35	4.51	2.41	2.15	0.27	0.78	1.42	1.44	0.82	1.13	0.61
S.E.	1.76	1.71	3.09	1.12	0.68	0.82	0.96	0.68	0.72	0.11	0.28	0.46	0.42	0.27	0.28	0.23
Computer Science (0.50)																
Percent	25.50	34.98	36.78	22.58	26.54	29.79	27.97	26.16	56.92	55.76	52.31	50.13	18.37	9.37	17.41	12.06
S.E.	6.00	4.09	4.64	2.40	3.71	2.10	3.65	3.48	2.16	1.95	4.24	3.94	1.11	0.81	1.19	1.48
Computer Science (1.00)																
Percent	10.55	21.47	12.48	9.52	9.11	17.85	8.10	9.86	34.98	36.84	24.08	24.14	9.51	4.56	6.68	6.15
S.E.	2.44	2.86	1.98	1.39	1.56	1.32	1.49	1.40	3.13	2.35	3.39	2.20	0.75	0.54	0.71	0.88

Table 85.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in fine arts courses in 1998, 1994, 1990, and 1982

Courses Taken		1998 Graduates	1994 Graduates	1990 Graduates	1982 Graduates
Any Fine Arts (1.00)	Percent	69.66	67.23	62.67	55.14
	S.E.	1.53	1.39	1.49	1.09
Fine Arts & Crafts (0.50)	Percent	52.69	49.22	48.21	43.99
	S.E.	1.27	1.35	1.52	0.98
Dance (0.50)	Percent	6.44	3.26	4.57	1.66
	S.E.	1.30	0.36	0.69	0.27
Drama (0.50)	Percent	12.34	11.45	11.30	5.92
	S.E.	0.88	0.77	1.06	0.44
Music (0.50)	Percent	34.55	36.32	33.50	33.14
	S.E.	1.29	1.05	1.09	0.79
Art/Music Appreciation/History (1.00)	Percent	2.69	2.90	2.85	1.56
	S.E.	0.45	0.44	0.54	0.24

Table 86.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in fine arts courses in 1998, 1994, 1990, and 1982, by gender

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
Any Fine Arts (1.00)	Percent	75.66	63.07	72.62	61.60	67.92	56.97	59.93	49.91
	S.E.	1.54	1.79	1.39	1.71	1.45	1.70	1.30	1.38
Fine Arts & Crafts (0.50)	Percent	51.99	53.18	46.31	52.23	45.32	51.33	43.91	44.08
	S.E.	1.17	1.68	1.34	1.72	1.55	1.75	0.92	1.25
Dance (0.50)	Percent	10.29	2.40	5.83	0.58	8.07	0.79	3.12	0.07
	S.E.	1.73	0.96	0.65	0.16	1.23	0.19	0.53	0.02
Drama (0.50)	Percent	14.60	9.76	13.68	9.10	13.46	8.97	7.19	4.52
	S.E.	1.07	0.82	0.90	0.73	1.28	0.92	0.59	0.48
Music (0.50)	Percent	41.50	26.60	44.40	27.86	41.71	24.58	39.01	26.73
	S.E.	1.55	1.30	1.34	1.10	1.28	1.09	1.03	1.09
Art/Music Appreciation/History (1.00)	Percent	2.77	2.67	2.67	3.15	3.24	2.44	1.73	1.36
	S.E.	0.48	0.49	0.42	0.74	0.63	0.51	0.28	0.28

Table 87.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in fine arts courses in 1998, 1994, 1990, and 1982, by race/ethnicity

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Any Fine Arts (1.00)																				
Percent	69.65	63.52	74.36	69.03	74.01	67.97	62.47	70.40	66.52	71.44	62.38	61.41	66.98	63.18	44.35	55.24	54.79	55.63	53.27	46.64
S.E.	1.94	2.40	1.46	3.23	3.36	1.62	2.57	1.61	4.86	5.66	1.77	2.36	2.59	3.74	5.24	1.22	1.66	2.09	3.00	8.78
Fine Arts & Crafts (0.50)																				
Percent	51.14	46.19	63.29	55.72	65.92	49.16	38.72	53.71	59.64	67.00	47.83	42.65	58.49	51.27	48.04	43.08	43.95	47.88	49.74	41.82
S.E.	1.62	2.59	2.66	4.57	3.63	1.54	2.32	2.36	4.84	8.74	1.73	2.71	3.04	4.57	5.34	1.03	2.53	2.15	3.47	6.46
Dance (0.50)																				
Percent	6.28	7.01	8.45	6.61	6.87	2.42	4.77	9.49	5.01	4.37	3.68	5.64	9.56	7.31	2.85	1.35	2.59	2.81	2.83	0.29
S.E.	1.54	1.34	2.24	1.13	2.39	0.31	0.95	1.44	1.14	2.36	0.67	1.07	1.78	1.49	1.56	0.25	0.78	0.55	1.24	0.30
Drama (0.50)																				
Percent	12.86	11.05	11.99	7.69	10.86	11.92	10.81	12.19	8.15	9.77	12.07	9.91	9.25	5.27	5.10	6.30	5.17	5.03	2.95	1.55
S.E.	0.99	1.21	1.66	1.60	2.25	0.88	1.46	1.26	2.06	3.79	1.31	1.69	0.86	0.84	2.45	0.48	1.10	0.67	1.01	1.15
Music (0.50)																				
Percent	36.02	33.32	27.06	29.95	25.76	37.24	39.81	30.40	27.10	37.48	33.30	39.67	25.43	27.86	23.70	33.55	35.33	28.42	32.42	29.83
S.E.	1.50	2.30	2.12	1.34	4.03	1.27	1.97	1.87	3.01	4.24	1.33	2.77	1.47	1.82	4.34	1.01	1.89	1.34	3.19	7.02
Art/Music Appreciation/History (1.00)																				
Percent	2.15	4.15	3.60	3.76	3.14	2.53	4.97	2.46	1.97	4.20	2.32	5.79	2.61	4.01	4.10	1.45	2.06	1.40	2.55	4.28
S.E.	0.47	0.76	0.82	1.19	1.21	0.49	1.31	0.58	0.57	2.62	0.53	2.25	0.49	1.24	1.99	0.29	0.54	0.31	1.09	3.08

Table 88.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in fine arts courses in 1998, 1994, 1990, and 1982, by student program

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Any Fine Arts (1.00)																
Percent	73.83	53.56	56.11	76.40	72.03	50.00	54.98	69.66	66.34	50.79	50.03	72.51	54.67	46.08	41.00	69.33
S.E.	1.49	3.21	1.97	2.43	1.37	3.20	2.17	2.16	1.55	3.37	2.21	2.11	1.55	1.54	2.03	1.31
Fine Arts & Crafts (0.50)																
Percent	53.76	49.57	45.24	67.87	50.69	44.76	41.75	61.91	47.78	48.03	43.02	60.23	40.68	42.74	34.23	54.21
S.E.	1.45	2.85	1.67	2.44	1.29	2.85	2.22	2.51	1.60	3.25	2.35	2.76	1.43	1.19	2.45	1.74
Dance (0.50)																
Percent	7.12	2.84	4.43	7.53	3.66	1.25	2.06	4.75	4.81	2.31	3.49	7.32	1.76	0.55	0.86	2.81
S.E.	1.56	0.74	0.94	1.68	0.46	0.31	0.41	0.93	0.73	0.63	0.92	1.60	0.31	0.17	0.50	0.60
Drama (0.50)																
Percent	13.85	4.50	8.33	13.25	13.05	5.00	7.37	13.15	12.16	6.04	7.28	18.18	6.26	3.25	2.33	9.08
S.E.	1.03	0.71	0.93	1.17	0.91	0.84	0.86	1.44	0.96	0.95	1.17	3.98	0.72	0.52	0.71	0.86
Music (0.50)																
Percent	38.21	22.63	23.67	34.94	40.18	22.12	27.29	35.73	37.38	22.62	22.53	38.01	36.43	23.74	22.82	39.94
S.E.	1.35	1.82	1.86	2.65	1.19	2.07	1.52	1.99	1.22	2.49	1.37	2.19	1.19	1.49	1.76	0.95
Art/Music Appreciation/History (1.00)																
Percent	3.10	1.07	1.60	2.53	3.08	2.51	2.44	2.81	3.27	2.12	1.76	2.69	2.07	0.78	1.23	1.52
S.E.	0.52	0.28	0.54	0.66	0.57	0.81	0.51	0.63	0.62	0.99	0.58	0.63	0.46	0.31	0.42	0.45



Table 89.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in fine arts courses in 1998, 1994, and 1990, by community type

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Any Fine Arts (1.00)	Percent	71.23	71.32	66.05	70.75	67.92	64.50	66.29	66.11	61.77	62.75	62.13
	S.E.	2.26	2.41	3.07	3.49	2.04	2.56	2.15	3.60	2.46	4.20	2.42
Fine Arts & Crafts (0.50)	Percent	55.98	55.57	45.83	55.90	57.10	43.22	43.70	54.78	51.04	46.27	45.21
	S.E.	2.65	2.41	2.59	2.43	1.90	2.90	2.57	4.26	2.55	3.73	2.36
Dance (0.50)	Percent	8.39	8.70	1.69	3.82	4.56	4.09	1.94	4.12	7.73	4.67	2.95
	S.E.	1.87	2.67	0.89	1.03	0.94	1.01	0.42	0.98	1.19	2.78	0.84
Drama (0.50)	Percent	14.53	12.18	10.35	14.54	10.82	15.54	9.14	13.45	11.45	9.39	11.05
	S.E.	1.56	0.90	2.11	1.92	1.54	1.84	1.18	1.84	1.07	2.20	1.98
Music (0.50)	Percent	31.95	33.83	38.05	36.12	33.77	34.38	38.64	38.04	28.84	34.22	34.55
	S.E.	1.83	1.63	2.76	2.96	2.32	1.79	1.41	3.68	1.50	3.14	1.78
Art/Music Appreciation/History (1.00)	Percent	3.53	2.96	1.52	6.49	2.62	1.58	2.05	6.98	1.92	1.76	2.42
	S.E.	0.81	0.77	0.71	2.21	0.55	0.66	0.52	2.63	0.37	0.71	0.71

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.

Table 90.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in fine arts courses in 1998, 1994, 1990, and 1982, by school type (public/nonpublic)

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Nonpublic	Public	Nonpublic	Public	Nonpublic	Public	Nonpublic
Any Fine Arts (1.00)	Percent	69.01	76.47	67.09	68.82	63.11	58.23	55.62	51.15
	S.E.	1.57	4.43	1.41	6.41	1.62	2.71	1.11	4.45
Fine Arts & Crafts (0.50)	Percent	51.85	61.46	48.34	59.37	47.72	53.02	43.25	50.11
	S.E.	1.27	7.06	1.41	5.52	1.60	3.14	0.93	3.86
Dance (0.50)	Percent	6.64	4.36	3.21	3.87	4.81	2.25	1.61	2.11
	S.E.	1.34	2.08	0.36	2.78	0.73	0.87	0.27	0.90
Drama (0.50)	Percent	12.14	14.47	11.31	13.17	11.29	11.37	5.87	6.26
	S.E.	0.88	3.73	0.77	3.26	1.15	2.13	0.48	1.43
Music (0.50)	Percent	34.60	34.01	36.15	38.21	33.95	29.02	33.87	27.11
	S.E.	1.28	5.97	1.00	6.76	1.17	2.37	0.89	2.55
Art/Music Appreciation/History (1.00)	Percent	2.76	1.95	2.38	8.98	2.53	6.04	1.02	5.95
	S.E.	0.47	1.67	0.36	3.81	0.55	2.21	0.20	2.12

Table 91.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in fine arts courses in 1998, 1994, 1990, and 1982, by region

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Any Fine Arts (1.00)																
Percent	65.74	67.62	66.73	79.40	65.84	65.19	65.93	75.13	62.00	59.85	61.54	69.68	48.10	51.57	59.82	63.18
S.E.	4.66	2.33	3.05	1.77	4.11	1.90	2.67	3.20	4.36	1.83	3.12	2.34	1.89	1.84	1.58	2.04
Fine Arts & Crafts (0.50)																
Percent	57.38	45.19	48.94	64.41	57.96	40.55	47.04	64.38	55.39	38.83	46.57	58.52	41.73	37.61	46.40	54.60
S.E.	2.29	2.81	2.60	1.30	3.84	2.41	2.00	2.10	2.97	3.09	2.52	2.67	1.65	2.50	1.56	2.43
Dance (0.50)																
Percent	2.48	9.06	2.24	10.68	0.85	3.60	0.53	9.01	0.88	5.32	2.11	10.65	0.71	0.93	1.07	5.34
S.E.	0.68	3.13	0.91	2.82	0.37	0.69	0.14	1.43	0.60	1.47	0.86	1.80	0.26	0.32	0.32	1.07
Drama (0.50)																
Percent	6.41	16.43	8.72	15.34	6.17	12.60	9.57	16.63	8.25	10.88	11.83	14.58	4.15	4.63	6.33	9.96
S.E.	2.00	1.44	1.93	1.28	1.37	1.24	1.29	2.36	1.55	1.60	2.93	1.52	0.69	0.53	0.89	1.09
Music (0.50)																
Percent	33.31	32.43	40.01	32.42	33.74	37.04	41.75	28.33	34.23	33.40	37.98	26.77	30.19	31.15	38.21	32.00
S.E.	3.34	2.02	2.73	1.76	2.04	1.70	2.12	2.28	2.97	1.71	2.43	1.30	2.08	1.39	1.37	1.82
Art/Music Appreciation/History (1.00)																
Percent	4.06	2.54	1.73	2.90	6.88	2.46	2.44	1.08	3.12	2.15	3.72	2.56	1.97	1.92	1.35	0.68
S.E.	1.45	0.66	0.84	0.75	2.03	0.56	0.83	0.30	1.41	0.60	1.23	0.98	0.54	0.66	0.49	0.21

Table 92.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, 1990, and 1982

Courses Taken		1998 Graduates	1994 Graduates	1990 Graduates	1982 Graduates
Consumer & Homemaking Education (1.00)	Percent	25.57	26.14	28.00	32.24
	S.E.	1.68	1.35	1.07	0.62
General Labor Market Preparation (1.00)	Percent	31.72	37.43	46.44	57.46
	S.E.	1.93	1.62	1.31	1.01
Specific Labor Market Preparation (1.00)	Percent	76.17	75.20	75.84	76.49
	S.E.	1.21	1.14	1.05	0.66
Typewriting 1 (1.00)	Percent	15.92	22.95	31.02	40.19
	S.E.	1.70	1.44	1.52	0.94
Introductory Industrial (1.00)	Percent	3.28	5.44	5.83	10.19
	S.E.	0.42	0.59	0.42	0.58
Work Experience/Career Exploration(1.00)	Percent	7.89	5.32	6.64	8.28
	S.E.	0.81	0.51	0.62	0.47
General Labor Market Skills (1.00)	Percent	5.11	5.70	7.02	7.74
	S.E.	0.78	0.83	0.71	0.39
Agriculture/Renewable Resources (1.00)	Percent	7.63	8.49	6.80	7.32
	S.E.	1.04	0.75	0.70	0.36
Business (1.00)	Percent	34.52	40.75	39.88	42.75
	S.E.	1.62	1.40	1.38	0.80
Marketing & Distribution (1.00)	Percent	6.86	7.46	6.32	6.37
	S.E.	0.68	0.71	0.45	0.32
Health (1.00)	Percent	4.49	3.12	1.17	1.50
	S.E.	0.58	0.34	0.19	0.16
Occupational Home Economics (1.00)	Percent	7.10	6.21	5.20	5.69
	S.E.	0.53	0.46	0.38	0.43
Trade & Industry (1.00)	Percent	26.53	24.17	27.29	30.58
	S.E.	1.06	0.81	1.04	0.66
Technical & Communications (1.00)	Percent	24.14	12.23	12.10	5.04
	S.E.	1.38	0.84	0.82	0.37
Unidentified Subject (1.00)	Percent	5.97	5.24	5.43	3.44
	S.E.	0.56	0.52	0.66	0.31

Table 93.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, 1990, and 1982, by gender

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
Consumer & Homemaking Education (1.00)	Percent S.E.	32.97 1.88	18.09 1.61	34.69 1.49	17.18 1.44	38.22 1.33	16.93 1.11	47.64 0.96	15.45 0.69
General Labor Market Preparation (1.00)	Percent S.E.	32.38 2.09	31.53 1.89	37.23 1.98	37.69 1.51	51.49 1.65	40.95 1.25	63.80 1.16	50.55 1.19
Specific Labor Market Preparation (1.00)	Percent S.E.	71.03 1.48	81.48 1.07	70.18 1.50	80.41 1.06	70.86 1.29	81.26 1.04	72.73 0.84	80.59 0.66
Typewriting 1 (1.00)	Percent S.E.	18.82 1.90	13.14 1.50	27.51 1.86	18.21 1.18	40.37 1.84	20.84 1.31	53.76 1.25	25.39 0.89
Introductory Industrial (1.00)	Percent S.E.	1.25 0.28	5.60 0.71	1.16 0.22	9.90 1.06	1.24 0.19	10.80 0.81	2.27 0.29	18.82 1.26
Work Experience/Career Exploration(1.00)	Percent S.E.	7.96 0.94	7.89 0.72	4.67 0.51	6.01 0.59	6.67 0.74	6.61 0.58	7.74 0.48	8.87 0.69
General Labor Market Skills (1.00)	Percent S.E.	4.89 0.82	5.46 0.83	5.34 0.81	6.10 0.89	7.98 0.83	6.00 0.65	9.50 0.62	5.81 0.51
Agriculture/Renewable Resources (1.00)	Percent S.E.	5.41 0.89	9.85 1.31	4.61 0.49	12.56 1.09	3.27 0.41	10.62 1.23	3.48 0.36	11.51 0.48
Business (1.00)	Percent S.E.	38.13 1.80	30.16 1.65	46.47 1.60	34.76 1.41	48.02 1.54	31.10 1.51	55.62 0.87	28.72 1.17
Marketing & Distribution (1.00)	Percent S.E.	7.30 0.80	6.51 0.67	8.72 0.82	6.14 0.66	7.20 0.53	5.39 0.50	6.70 0.45	6.01 0.42
Health (1.00)	Percent S.E.	6.94 0.85	1.93 0.36	4.74 0.57	1.44 0.20	1.88 0.33	0.40 0.08	2.32 0.28	0.60 0.12
Occupational Home Economics (1.00)	Percent S.E.	10.15 0.81	3.85 0.47	9.69 0.71	2.60 0.31	8.06 0.61	2.11 0.29	9.03 0.68	2.05 0.26
Trade & Industry (1.00)	Percent S.E.	10.57 0.72	43.95 1.72	7.89 0.46	41.20 1.33	8.80 0.70	47.30 1.57	8.39 0.57	54.78 1.12
Technical & Communications (1.00)	Percent S.E.	19.51 1.41	29.40 1.86	8.75 0.67	15.83 1.16	9.53 0.81	14.89 0.99	3.59 0.34	6.64 0.53
Unidentified Subject (1.00)	Percent S.E.	5.97 0.62	6.03 0.62	5.16 0.61	5.34 0.50	5.12 0.67	5.77 0.74	3.16 0.33	3.75 0.47

Table 94.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, 1990, and 1982, by race/ethnicity

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Consumer & Homemaking Education (1.00)																				
Percent	25.10	36.89	26.30	13.80	30.07	25.39	34.59	24.77	15.04	31.98	26.38	41.29	26.00	14.98	34.14	29.61	44.97	39.88	18.25	31.70
S.E.	2.00	3.32	3.28	1.75	4.78	1.41	1.90	2.28	2.86	4.21	1.30	2.35	2.66	2.86	5.62	0.66	2.47	1.81	2.20	7.07
General Labor Market Preparation (1.00)																				
Percent	29.80	41.50	36.25	30.99	29.66	37.75	43.27	33.38	27.83	47.62	44.94	56.26	49.38	37.91	48.80	56.71	59.24	61.73	50.51	45.10
S.E.	2.04	2.90	3.47	5.83	3.73	2.01	2.94	2.74	2.90	5.93	1.51	2.73	2.38	4.89	7.85	1.37	2.10	2.09	3.44	5.35
Specific Labor Market Preparation (1.00)																				
Percent	76.01	80.79	78.99	74.62	83.41	74.68	80.13	78.61	68.28	82.26	75.53	78.94	77.60	68.47	80.70	75.40	79.84	81.21	66.09	71.57
S.E.	1.53	1.88	1.48	2.45	2.60	1.29	1.81	2.03	3.93	4.31	1.15	2.05	2.07	4.17	3.10	0.78	1.36	0.96	5.02	6.21
Typewriting 1 (1.00)																				
Percent	14.43	23.63	18.63	16.74	12.36	23.35	27.29	19.60	14.52	28.61	30.13	38.31	34.56	26.04	32.10	40.52	42.36	38.82	30.13	28.97
S.E.	1.70	2.96	3.19	4.38	2.73	1.74	3.33	2.54	1.96	8.06	1.71	2.90	2.86	2.98	7.79	1.31	2.61	2.15	3.87	5.95
Introductory Industrial (1.00)																				
Percent	3.50	3.43	3.52	0.94	4.08	5.86	4.56	5.46	2.17	11.00	5.87	6.61	4.10	4.75	6.98	9.97	7.71	14.85	5.73	4.05
S.E.	0.47	0.70	1.16	0.29	1.76	0.70	0.67	2.07	0.44	3.70	0.50	0.93	0.67	2.08	2.91	0.68	1.12	1.42	2.03	2.24
Work Experience/Career Exploration(1.00)																				
Percent	7.19	11.04	9.21	8.22	11.11	4.74	6.85	7.14	6.43	9.18	5.94	9.12	7.65	4.98	4.74	7.03	12.49	12.32	9.25	9.28
S.E.	0.98	1.62	1.69	1.47	3.00	0.53	1.07	1.11	1.64	2.42	0.64	1.89	1.06	0.88	2.32	0.52	1.28	1.26	2.14	3.45
General Labor Market Skills (1.00)																				
Percent	4.84	7.20	4.68	3.37	3.18	5.91	6.76	3.32	4.28	4.22	6.52	11.26	6.16	2.53	9.10	7.55	7.78	8.24	3.09	8.43
S.E.	0.81	1.89	1.17	0.90	1.76	0.98	1.62	1.14	1.24	1.99	0.70	1.95	1.44	0.82	3.43	0.46	1.20	0.78	0.92	3.49
Agriculture/Renewable Resources (1.00)																				
Percent	8.54	5.05	7.17	4.51	7.56	9.34	6.58	5.03	5.87	13.79	7.87	3.07	5.73	2.87	10.68	7.45	4.99	9.19	2.02	5.05
S.E.	1.29	0.80	2.08	1.79	1.81	0.96	1.20	0.87	2.32	5.66	0.86	0.58	1.22	1.02	3.65	0.42	0.96	1.17	1.05	2.61
Business (1.00)																				
Percent	34.50	40.51	32.37	35.99	31.64	40.86	45.06	44.30	34.52	43.47	39.25	46.58	38.33	31.37	47.58	43.36	43.45	42.29	27.94	27.52
S.E.	1.78	3.64	2.25	3.18	4.49	1.53	1.94	3.64	2.73	8.50	1.48	2.59	3.04	2.09	5.75	0.94	2.22	1.88	3.72	4.65

Table 94.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, 1990, and 1982, by race/ethnicity  
(Continued)

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Marketing & Distribution (1.00)																				
Percent	6.20	11.74	7.25	6.92	7.66	7.74	9.03	5.21	4.60	2.48	6.30	7.25	7.44	2.58	9.09	6.10	8.83	6.34	2.45	6.57
S.E.	0.75	1.50	0.83	0.96	2.16	0.86	1.07	0.62	0.66	1.30	0.55	1.08	0.87	0.64	2.75	0.32	0.94	0.84	1.20	3.29
Health (1.00)																				
Percent	3.71	9.14	4.87	5.05	3.08	2.96	4.76	2.75	2.89	5.20	1.20	1.58	0.49	0.46	0.63	1.14	3.17	2.32	1.26	0.00
S.E.	0.45	2.03	1.53	1.59	1.37	0.40	0.90	0.59	0.37	3.00	0.22	0.33	0.17	0.20	0.60	0.15	0.90	0.50	0.58	0.00
Occupational Home Economics (1.00)																				
Percent	6.27	10.49	9.62	7.21	5.61	5.28	11.85	8.46	5.15	5.56	4.59	8.02	8.55	1.29	2.26	5.28	8.89	6.11	2.44	5.45
S.E.	0.55	1.52	1.85	1.57	1.72	0.50	0.86	1.00	1.90	2.70	0.41	1.04	1.28	0.30	1.79	0.47	1.46	0.73	0.86	2.35
Trade & Industry (1.00)																				
Percent	27.21	22.21	29.25	23.34	34.35	24.51	20.94	23.55	21.26	24.41	28.09	24.09	26.39	29.14	25.30	29.41	29.25	36.49	35.80	34.53
S.E.	1.17	1.71	1.70	4.91	4.42	0.90	1.70	1.84	3.05	6.26	1.04	2.31	1.90	6.68	5.20	0.63	1.98	1.47	4.71	5.40
Technical & Communications (1.00)																				
Percent	24.40	26.60	24.37	21.98	24.97	12.07	11.10	12.64	15.64	16.58	12.17	13.52	9.63	13.55	9.44	5.32	4.49	3.85	8.57	1.51
S.E.	1.60	2.18	2.84	2.94	5.03	1.00	1.13	2.62	1.57	6.29	0.89	2.31	0.88	1.65	2.92	0.46	1.12	0.70	2.29	0.97
Unidentified Subject (1.00)																				
Percent	6.06	6.22	6.11	2.67	5.77	5.02	7.53	6.41	2.06	7.47	5.75	4.23	4.87	2.14	8.58	3.10	4.72	4.02	5.30	5.45
S.E.	0.66	0.88	1.02	0.60	2.06	0.56	1.42	1.37	0.71	2.80	0.81	0.86	1.15	0.53	3.88	0.35	1.11	0.53	2.81	2.88

Table 95.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, 1990, and 1982, by student program

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Consumer & Homemaking Education (1.00)																
Percent	24.29	31.24	24.75	40.85	23.45	34.76	27.85	43.76	24.86	33.54	26.52	45.81	23.07	34.10	27.15	47.80
S.E.	1.68	3.08	2.43	3.17	1.40	2.96	1.75	2.18	1.19	1.48	1.57	2.77	0.88	1.83	2.57	1.70
General Labor Market Preparation (1.00)																
Percent	28.20	54.61	35.60	45.79	32.88	54.68	43.31	53.77	42.17	55.81	51.24	56.94	48.55	64.47	60.30	65.00
S.E.	1.87	4.53	3.02	4.06	1.68	2.46	2.18	3.09	1.46	2.89	1.76	2.14	1.37	2.12	2.58	1.54
Specific Labor Market Preparation (1.00)																
Percent	67.93	100.00	100.00	80.03	65.53	100.00	100.00	81.28	65.05	100.00	100.00	80.98	57.20	100.00	100.00	78.92
S.E.	1.60	0.00	0.00	2.60	1.46	0.00	0.00	2.09	1.32	0.00	0.00	1.33	1.17	0.00	0.00	1.01
Typewriting 1 (1.00)																
Percent	15.64	13.42	18.02	14.03	21.83	23.93	26.33	23.99	30.55	30.71	33.87	29.66	36.46	42.00	44.43	43.28
S.E.	1.68	2.32	2.73	2.08	1.52	2.47	2.09	2.51	1.63	2.80	2.12	1.87	1.59	2.04	2.55	1.66
Introductory Industrial (1.00)																
Percent	2.08	10.14	5.65	5.01	4.04	9.86	8.39	7.51	4.34	10.28	8.04	7.25	7.53	13.99	12.31	10.41
S.E.	0.30	2.39	0.78	1.23	0.51	1.76	1.03	1.40	0.34	1.24	0.87	0.97	0.50	1.11	1.48	1.02
Work Experience/Career Exploration(1.00)																
Percent	6.39	19.23	8.01	18.13	3.80	10.04	6.61	14.31	4.99	7.78	6.71	16.48	4.79	8.29	7.28	14.51
S.E.	0.78	2.87	0.98	2.63	0.37	1.35	1.32	1.53	0.64	1.37	0.98	1.64	0.46	1.25	1.26	0.94
General Labor Market Skills (1.00)																
Percent	3.36	19.10	5.90	14.14	3.42	19.34	6.52	15.52	4.49	16.46	8.20	11.83	3.80	13.81	5.43	9.59
S.E.	0.52	3.61	1.10	3.42	0.57	3.32	1.12	2.84	0.57	2.43	1.15	1.97	0.33	1.21	1.08	0.95
Agriculture/Renewable Resources (1.00)																
Percent	4.33	19.95	16.52	9.27	4.11	25.21	18.09	10.50	2.96	20.85	12.43	7.69	3.21	15.10	11.52	5.58
S.E.	0.72	3.65	2.70	1.51	0.48	3.03	1.62	1.40	0.38	2.44	1.75	1.01	0.41	1.34	1.65	0.65
Business (1.00)																
Percent	31.89	30.51	45.21	34.06	37.63	44.89	50.59	40.97	35.61	45.70	49.71	45.61	32.55	51.83	52.19	48.19
S.E.	1.67	2.23	2.66	3.15	1.54	2.18	2.05	2.30	1.40	2.29	2.10	1.89	1.14	1.50	2.17	1.18



Table 95.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, 1990, and 1982, by student program  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Marketing & Distribution (1.00)																
Percent	5.02	10.46	12.28	8.89	5.19	11.68	13.36	10.42	3.51	11.66	11.75	10.24	2.79	10.01	9.23	8.02
S.E.	0.66	1.71	1.16	1.42	0.74	1.72	1.18	2.08	0.39	1.38	1.29	1.48	0.29	0.88	1.40	0.95
Health (1.00)																
Percent	2.92	4.90	10.48	3.43	2.37	5.09	5.01	3.58	0.53	3.11	2.30	1.46	0.88	2.31	2.26	1.52
S.E.	0.35	1.10	2.04	0.89	0.36	0.85	0.62	0.80	0.14	0.64	0.38	0.71	0.16	0.45	0.48	0.33
Occupational Home Economics (1.00)																
Percent	5.40	13.92	10.80	10.73	3.79	13.88	11.37	9.74	2.90	11.67	8.57	7.91	2.04	8.49	9.02	8.07
S.E.	0.52	1.70	0.94	1.40	0.47	1.55	0.92	1.66	0.35	1.33	0.90	1.36	0.34	0.81	1.40	0.96
Trade & Industry (1.00)																
Percent	18.54	62.88	46.85	29.64	16.53	54.73	40.05	29.19	17.85	53.86	45.87	30.12	19.35	50.13	47.56	25.41
S.E.	0.88	3.72	2.46	2.39	0.61	2.57	2.11	1.69	0.94	2.61	1.92	1.46	0.91	1.16	1.75	1.21
Technical & Communications (1.00)																
Percent	22.55	27.49	31.10	17.39	12.55	11.59	12.65	7.61	13.91	7.48	10.49	7.63	5.91	3.28	6.07	4.85
S.E.	1.59	3.27	2.52	1.69	0.96	1.48	0.86	1.05	1.04	1.35	0.95	0.73	0.63	0.39	0.81	0.72
Unidentified Subject (1.00)																
Percent	3.78	16.84	9.90	12.05	2.43	15.23	10.43	10.82	2.37	14.23	8.85	10.65	1.18	6.39	4.05	4.30
S.E.	0.46	2.91	1.37	1.78	0.38	2.38	1.33	2.18	0.34	2.34	1.29	1.66	0.19	0.71	0.74	0.84

Table 96.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, and 1990, by community type

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Consumer & Homemaking Education (1.00)	Percent	18.22	23.69	35.25	17.22	20.93	22.79	34.20	20.59	23.14	26.51	33.20
	S.E.	3.00	1.48	4.14	1.95	1.69	2.06	2.55	2.42	1.68	2.09	1.89
General Labor Market Preparation (1.00)	Percent	24.57	26.42	45.43	29.85	25.11	29.24	50.97	41.85	40.75	44.26	51.45
	S.E.	2.39	2.76	4.20	3.46	2.85	2.56	2.33	3.51	1.87	3.88	2.05
Specific Labor Market Preparation (1.00)	Percent	69.97	73.68	85.45	65.55	69.22	76.13	82.54	70.53	73.48	74.39	79.05
	S.E.	2.50	1.98	1.49	3.08	2.41	2.28	1.28	2.69	1.88	2.19	1.67
Typewriting 1 (1.00)	Percent	10.82	12.21	25.60	17.37	12.15	15.12	34.60	28.04	24.98	29.28	35.64
	S.E.	1.97	2.72	3.41	2.79	2.59	2.15	2.21	3.53	1.95	4.05	2.54
Introductory Industrial (1.00)	Percent	2.63	1.96	5.56	2.44	3.11	3.75	8.70	3.13	4.99	4.13	7.51
	S.E.	0.66	0.39	1.01	0.41	0.60	1.11	1.21	0.89	0.76	1.16	0.75
Work Experience/Career Exploration(1.00)	Percent	6.98	7.36	9.46	5.51	5.93	4.81	5.05	6.39	6.34	6.28	6.97
	S.E.	1.01	0.93	2.31	1.34	0.89	0.96	0.82	0.90	0.88	2.01	1.10
General Labor Market Skills (1.00)	Percent	2.55	4.42	8.54	4.30	3.29	5.41	7.87	5.99	5.54	7.81	7.95
	S.E.	0.85	1.11	2.06	1.71	0.84	2.27	1.38	1.86	1.25	2.66	1.12
Agriculture/Renewable Resources (1.00)	Percent	2.37	4.60	16.64	1.69	1.29	4.45	17.13	1.77	1.66	1.75	12.34
	S.E.	0.52	0.87	3.08	0.53	0.47	1.25	1.52	0.40	0.41	0.72	1.43
Business (1.00)	Percent	26.36	33.06	44.50	33.50	36.93	40.44	46.22	39.05	35.90	38.77	42.59
	S.E.	3.33	2.00	2.65	3.22	2.78	3.52	1.76	3.69	2.33	3.56	1.86
Marketing & Distribution (1.00)	Percent	8.32	9.05	2.70	6.71	7.13	8.19	7.71	6.38	6.37	8.42	5.76
	S.E.	1.25	1.27	0.89	1.16	1.13	1.16	1.21	1.09	0.80	1.41	0.86
Health (1.00)	Percent	5.56	3.68	4.42	2.61	2.84	4.26	3.10	0.69	0.54	0.95	1.71
	S.E.	1.54	0.64	0.74	0.54	0.79	0.72	0.59	0.21	0.18	0.31	0.35
Occupational Home Economics (1.00)	Percent	7.10	7.34	6.80	5.81	3.61	7.18	7.64	5.32	4.79	5.65	5.28
	S.E.	0.80	0.70	1.27	1.05	0.60	0.84	0.94	0.95	0.80	0.88	0.63
Trade & Industry (1.00)	Percent	20.59	27.46	31.33	19.17	21.85	21.53	28.60	20.12	28.37	24.94	29.37
	S.E.	1.58	1.98	1.73	1.81	1.17	1.44	1.17	1.66	2.28	1.57	1.45
Technical & Communications (1.00)	Percent	24.16	20.99	28.02	11.38	9.43	14.76	13.42	14.31	11.59	11.99	11.76
	S.E.	2.75	1.60	2.83	1.40	0.92	2.29	1.40	2.27	1.39	2.74	1.35

Table 96.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, and 1990,  
by community type  
(Continued)

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Unidentified Subject (1.00)	Percent	4.83	6.09	6.98	3.64	6.39	4.56	5.44	3.85	5.36	3.71	6.36
	S.E.	0.94	0.74	1.20	0.76	1.16	0.91	0.83	1.18	1.00	1.10	1.07

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.

Table 97.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, 1990, and 1982, by school type (public/nonpublic)

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Nonpublic	Public	Nonpublic	Public	Nonpublic	Public	Nonpublic
Consumer & Homemaking Education (1.00)	Percent	27.54	5.00	27.35	12.19	29.74	10.76	34.08	17.01
	S.E.	1.75	2.47	1.37	3.91	1.11	1.62	0.69	2.53
General Labor Market Preparation (1.00)	Percent	33.35	14.77	38.67	23.05	47.52	35.72	59.30	42.23
	S.E.	1.95	5.74	1.64	4.93	1.38	4.72	1.16	3.68
Specific Labor Market Preparation (1.00)	Percent	78.80	48.80	77.83	44.81	77.89	55.42	79.33	53.00
	S.E.	1.18	7.40	0.95	6.02	1.12	4.06	0.64	2.94
Typewriting 1 (1.00)	Percent	16.26	12.30	23.56	15.83	31.42	27.08	40.74	35.61
	S.E.	1.65	5.82	1.52	4.17	1.62	4.02	0.97	3.51
Introductory Industrial (1.00)	Percent	3.60	0.00	5.80	1.22	6.30	1.23	11.21	1.75
	S.E.	0.46	0.00	0.63	0.38	0.47	0.42	0.70	0.85
Work Experience/Career Exploration(1.00)	Percent	8.49	1.61	5.73	0.57	7.00	3.10	8.96	2.65
	S.E.	0.87	0.67	0.53	0.31	0.64	1.27	0.52	0.93
General Labor Market Skills (1.00)	Percent	5.48	1.30	5.74	5.35	7.32	4.14	8.16	4.24
	S.E.	0.86	0.76	0.85	1.56	0.80	1.28	0.45	1.12
Agriculture/Renewable Resources (1.00)	Percent	8.34	0.28	9.19	0.43	7.39	0.98	8.11	0.84
	S.E.	1.14	0.28	0.79	0.26	0.76	0.53	0.41	0.28
Business (1.00)	Percent	36.47	14.25	41.98	26.63	40.37	35.05	43.36	37.72
	S.E.	1.64	4.61	1.29	5.76	1.46	3.87	0.87	2.63
Marketing & Distribution (1.00)	Percent	7.50	0.19	7.92	2.06	6.83	1.30	6.90	1.96
	S.E.	0.74	0.14	0.75	1.42	0.49	0.49	0.36	0.85
Health (1.00)	Percent	4.92	0.07	3.34	0.56	1.28	0.08	1.65	0.27
	S.E.	0.63	0.08	0.37	0.54	0.22	0.06	0.17	0.15
Occupational Home Economics (1.00)	Percent	7.53	2.63	6.73	0.26	5.69	0.28	6.13	2.06
	S.E.	0.55	2.10	0.50	0.26	0.43	0.13	0.48	1.04
Trade & Industry (1.00)	Percent	28.51	5.86	25.24	11.87	29.03	9.93	32.68	13.25
	S.E.	1.10	1.78	0.78	3.18	1.15	1.15	0.63	1.94
Technical & Communications (1.00)	Percent	23.73	28.44	12.51	9.07	11.90	14.05	5.28	3.07
	S.E.	1.35	8.89	0.89	2.02	0.88	2.25	0.37	0.90
Unidentified Subject (1.00)	Percent	6.55	0.00	5.70	0.00	5.87	1.10	3.79	0.50
	S.E.	0.62	0.00	0.54	0.00	0.70	0.58	0.36	0.27

Table 98.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, 1990, and 1982, by region

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Consumer & Homemaking Education (1.00)																
Percent	16.00	29.92	29.38	22.52	18.42	30.47	28.37	19.73	17.92	36.33	29.16	23.27	20.62	35.76	38.53	30.68
S.E.	4.19	3.08	3.63	2.52	2.21	2.75	2.52	1.35	1.85	1.99	2.00	2.06	1.21	1.65	1.48	1.78
General Labor Market Preparation (1.00)																
Percent	24.13	36.21	30.82	32.32	30.84	42.10	37.52	32.66	42.52	52.94	43.28	44.03	50.80	64.86	53.77	59.34
S.E.	2.28	3.91	3.13	5.10	3.93	2.76	2.79	3.05	3.00	2.28	2.89	1.90	1.24	1.33	1.94	2.44
Specific Labor Market Preparation (1.00)																
Percent	65.98	84.10	77.67	70.94	71.83	81.47	71.87	69.42	73.03	79.25	79.30	68.39	71.89	75.76	81.83	74.84
S.E.	5.23	1.80	1.90	2.15	3.60	1.70	2.16	2.06	2.16	1.97	1.41	2.61	1.86	0.88	1.21	1.78
Typewriting 1 (1.00)																
Percent	11.10	21.39	12.92	15.18	14.67	29.60	21.51	17.68	24.58	40.03	26.68	28.70	35.49	50.87	34.32	37.11
S.E.	2.33	3.41	2.86	4.51	3.65	2.25	2.52	3.34	3.67	2.78	3.06	1.97	1.51	1.08	1.74	2.52
Introductory Industrial (1.00)																
Percent	1.10	4.58	4.91	1.24	5.33	5.64	6.96	2.65	5.91	7.14	5.17	4.45	9.61	10.45	12.50	6.47
S.E.	0.36	0.95	0.96	0.55	1.40	1.03	1.22	0.78	1.04	0.80	0.75	0.92	0.98	1.08	1.64	1.19
Work Experience/Career Exploration(1.00)																
Percent	7.03	6.49	10.34	7.84	7.77	4.81	3.87	6.59	6.07	5.68	7.35	7.93	5.95	6.62	6.98	16.78
S.E.	1.38	1.15	2.31	1.79	2.06	0.70	0.68	1.26	1.34	1.05	1.15	1.23	0.95	1.09	0.93	1.64
General Labor Market Skills (1.00)																
Percent	4.89	6.72	4.78	3.29	4.59	6.67	6.00	4.05	12.45	6.46	5.74	3.87	10.04	10.39	4.77	4.86
S.E.	1.61	1.64	1.80	0.77	1.42	1.55	1.71	1.08	1.06	1.20	1.64	1.25	0.85	1.17	0.55	1.16
Agriculture/Renewable Resources (1.00)																
Percent	0.44	12.95	6.70	6.69	0.86	12.52	8.63	6.03	2.92	10.87	6.10	5.10	2.74	10.96	7.73	6.18
S.E.	0.19	1.93	3.05	1.51	0.48	1.42	1.38	1.25	0.68	1.60	1.45	1.12	0.60	1.21	0.89	1.35
Business (1.00)																
Percent	34.85	41.67	32.78	25.53	39.70	45.76	41.04	29.99	39.53	40.56	46.98	29.43	39.11	42.96	50.52	33.88
S.E.	4.71	3.59	2.44	2.12	5.76	1.94	1.96	2.07	3.71	1.87	2.74	2.44	1.25	1.60	1.52	1.86

Table 98.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in vocational courses in 1998, 1994, 1990, and 1982,  
by region  
(Continued)

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Marketing & Distribution (1.00)																
Percent	4.13	8.79	6.03	7.21	5.62	7.79	8.72	6.35	6.19	8.19	4.73	5.49	5.35	7.66	7.24	3.89
S.E.	1.85	1.65	1.02	1.16	1.94	0.85	1.87	1.16	0.80	0.78	0.72	1.24	0.94	0.80	0.65	0.57
Health (1.00)																
Percent	1.78	7.61	2.90	3.92	2.12	4.77	2.03	2.04	0.50	1.60	1.51	0.71	1.77	1.94	0.97	1.23
S.E.	0.48	1.43	0.81	0.88	0.73	0.70	0.49	0.51	0.11	0.25	0.63	0.19	0.47	0.38	0.20	0.23
Occupational Home Economics (1.00)																
Percent	5.68	7.57	4.78	10.28	3.49	8.41	4.70	6.12	4.20	6.18	4.95	4.97	3.39	6.16	6.55	6.48
S.E.	1.49	0.88	1.03	1.40	1.05	0.71	0.81	1.21	0.65	0.72	0.80	1.01	0.50	0.83	0.89	1.09
Trade & Industry (1.00)																
Percent	26.07	22.95	30.06	28.16	26.78	21.76	24.52	26.70	26.56	24.28	31.55	27.33	31.12	24.71	33.01	36.41
S.E.	2.42	1.73	2.21	2.33	2.47	1.32	1.14	1.70	2.55	1.94	1.21	2.62	1.64	0.98	1.60	1.83
Technical & Communications (1.00)																
Percent	19.42	33.20	23.69	14.99	11.21	16.63	8.34	9.48	16.06	12.78	10.89	8.30	7.91	3.07	5.27	4.40
S.E.	3.76	2.89	2.64	1.86	1.45	1.28	1.59	1.93	1.85	1.28	2.07	1.24	0.82	0.57	0.57	0.79
Unidentified Subject (1.00)																
Percent	1.88	7.85	7.14	5.19	4.73	5.72	4.59	5.68	4.67	5.68	6.12	4.90	2.77	3.89	2.73	4.73
S.E.	0.44	1.27	1.32	0.83	1.17	1.00	0.73	1.37	1.60	0.88	1.43	1.57	0.50	0.57	0.46	0.90

Table 99.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in personal/other courses in 1998, 1994, 1990, and 1982

Courses Taken		1998 Graduates	1994 Graduates	1990 Graduates	1982 Graduates
Any Personal Health & Phys Ed (1.00)	Percent	94.10	92.97	93.11	91.09
	S.E.	1.45	0.88	1.01	0.44
Physical Education (1.00)	Percent	62.82	64.49	68.53	70.55
	S.E.	3.79	2.97	3.16	0.95
Health (0.50)	Percent	71.58	64.38	62.06	49.54
	S.E.	3.54	3.10	3.17	1.62
3 Yrs Physical Ed. + 0.5 Health (3.50)	Percent	6.65	5.89	8.60	9.68
	S.E.	1.43	1.05	1.61	0.93
Driver Education (0.25)	Percent	24.46	29.00	36.73	46.10
	S.E.	2.92	2.38	2.81	1.35

Table 100.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in personal/other courses in 1998, 1994, 1990, and 1982, by gender

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Female	Male	Female	Male	Female	Male	Female	Male
Any Personal Health & Phys Ed (1.00)	Percent	92.37	96.18	91.55	94.43	92.45	93.82	89.99	92.30
	S.E.	1.75	1.19	1.00	0.96	1.05	1.05	0.58	0.47
Physical Education (1.00)	Percent	60.43	65.59	61.40	67.62	67.42	69.71	68.87	72.38
	S.E.	3.80	3.97	3.19	2.90	3.15	3.29	1.04	1.07
Health (0.50)	Percent	70.45	73.43	64.49	64.31	62.18	61.95	48.82	50.32
	S.E.	3.55	3.61	3.13	3.19	3.25	3.17	1.74	1.80
3 Yrs Physical Ed. + 0.5 Health (3.50)	Percent	5.50	8.06	3.94	7.91	6.78	10.58	8.52	10.96
	S.E.	1.29	1.65	0.89	1.28	1.48	1.83	0.94	1.04
Driver Education (0.25)	Percent	24.78	24.01	29.10	28.96	36.23	37.21	46.12	46.09
	S.E.	3.08	2.89	2.34	2.48	2.86	2.85	1.52	1.35



Table 101.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in personal/other courses in 1998, 1994, 1990, and 1982, by race/ethnicity

Courses Taken	1998 Graduates					1994 Graduates					1990 Graduates					1982 Graduates				
	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri	White	Black	Hispa	Asian Pacif	Nativ Ameri
Any Personal Health & Phys Ed (1.00)																				
Percent	93.76	93.67	95.69	96.60	96.38	94.35	91.98	89.57	91.60	90.10	93.33	92.33	95.28	93.70	97.89	91.06	91.22	91.19	91.62	82.97
S.E.	1.92	1.73	0.98	0.86	1.75	1.01	2.31	1.18	2.86	7.01	1.23	2.23	0.81	1.86	1.01	0.60	1.23	0.85	1.56	5.69
Physical Education (1.00)																				
Percent	59.74	63.04	72.01	77.84	76.90	64.95	64.86	63.53	78.02	72.89	67.56	67.23	72.90	79.08	78.40	70.22	70.16	72.48	80.33	63.75
S.E.	4.49	6.09	3.37	4.68	3.73	3.64	4.27	2.60	4.07	7.08	3.60	4.03	3.73	5.14	4.96	1.13	2.33	1.97	2.75	5.35
Health (0.50)																				
Percent	73.40	65.27	70.68	74.81	67.89	65.68	55.58	67.55	64.56	47.79	63.72	49.44	64.83	61.56	69.04	50.15	44.51	50.74	45.02	48.18
S.E.	3.83	6.02	6.50	6.95	5.79	3.34	5.93	6.23	5.84	8.52	3.52	4.81	6.48	9.26	7.93	1.67	3.39	2.15	5.22	7.35
3 Yrs Physical Ed. + 0.5 Health (3.50)																				
Percent	5.08	6.28	11.25	5.61	4.28	6.05	5.69	5.47	4.57	10.53	8.46	11.20	8.97	5.55	11.00	8.94	10.06	13.64	13.14	11.76
S.E.	1.38	1.95	3.51	2.06	1.09	1.25	1.39	1.23	1.23	4.90	1.64	2.17	3.30	2.21	3.38	1.06	2.32	1.34	2.72	3.75
Driver Education (0.25)																				
Percent	25.86	16.84	28.48	15.77	27.20	30.50	26.85	25.41	21.37	28.47	35.60	36.79	45.20	42.58	37.14	47.98	33.46	44.31	46.43	45.14
S.E.	3.55	3.26	4.52	4.19	5.08	2.92	3.54	3.32	4.84	3.73	3.12	4.18	4.68	10.78	10.61	1.59	2.94	1.98	5.71	7.92

Table 102.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in personal/other courses in 1998, 1994, 1990, and 1982, by student program

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither	Acad.	Voc.	Both	Neither
Any Personal Health & Phys Ed (1.00)																
Percent	93.80	95.24	95.48	92.24	92.74	95.96	93.69	89.92	92.40	94.68	93.86	94.85	89.38	92.71	90.92	92.56
S.E.	1.69	1.26	1.36	2.97	0.81	0.97	1.20	3.50	1.15	1.29	1.11	0.95	0.88	0.69	1.45	0.85
Physical Education (1.00)																
Percent	63.61	57.28	61.65	61.00	64.74	60.11	65.55	62.75	68.90	70.02	68.80	63.86	68.75	70.89	74.99	71.67
S.E.	3.83	7.67	4.77	5.27	3.02	5.50	3.29	4.64	3.20	5.36	4.26	4.96	1.26	2.16	2.52	1.84
Health (0.50)																
Percent	71.84	77.05	70.30	68.24	64.59	61.77	63.29	68.66	60.79	62.13	63.74	67.80	48.11	53.64	47.75	48.81
S.E.	3.77	3.42	4.68	6.55	3.20	5.08	3.97	3.75	3.26	5.48	4.08	4.75	1.78	1.95	3.49	2.09
3 Yrs Physical Ed. + 0.5 Health (3.50)																
Percent	7.06	5.17	5.64	5.97	6.11	4.69	5.11	7.24	8.82	8.66	8.08	7.89	8.36	8.79	12.65	11.68
S.E.	1.67	1.73	1.24	1.67	1.14	1.51	1.13	1.55	1.59	2.31	1.68	2.67	1.00	0.99	2.02	1.45
Driver Education (0.25)																
Percent	23.78	28.52	24.53	29.91	28.34	31.64	30.34	29.49	36.88	34.41	36.69	38.33	42.14	47.02	46.04	51.96
S.E.	2.69	5.36	4.16	5.54	2.44	3.60	2.94	3.90	2.74	4.61	3.40	5.13	1.67	1.68	3.23	1.77

Table 103.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in personal/other courses in 1998, 1994, and 1990, by community type

Courses Taken		1998 Graduates			1994 Graduates				1990 Graduates			
		Urban	Suburban	Rural	Big City	Urban Fringe	Medium City	Small Place	Big City	Urban Fringe	Medium City	Small Place
Any Personal Health & Phys Ed (1.00)	Percent	93.52	95.04	93.52	88.83	91.50	94.77	94.96	89.67	96.01	96.33	91.73
	S.E.	2.21	1.66	3.78	1.95	1.68	1.48	1.76	2.50	1.32	1.13	1.79
Physical Education (1.00)	Percent	66.61	59.53	63.07	64.18	61.01	63.53	67.09	63.99	73.08	66.99	67.74
	S.E.	4.99	5.76	6.39	6.60	5.12	8.60	3.80	6.11	5.32	14.24	4.24
Health (0.50)	Percent	70.14	69.58	75.49	60.17	66.90	62.58	65.22	59.86	66.56	57.20	61.44
	S.E.	6.38	4.53	5.51	6.52	5.67	7.34	4.53	7.45	6.03	9.19	4.53
3 Yrs Physical Ed. + 0.5 Health (3.50)	Percent	5.33	7.79	6.55	6.05	3.02	3.25	8.49	2.39	13.75	11.72	6.82
	S.E.	1.69	2.68	2.60	2.33	1.02	1.33	2.07	1.06	4.25	7.33	1.52
Driver Education (0.25)	Percent	20.39	19.87	34.21	19.83	23.49	28.52	36.35	35.07	39.53	40.32	34.79
	S.E.	3.47	3.50	6.78	4.03	4.37	6.47	4.81	7.49	4.49	7.52	3.95

NOTE: Because the Community Type variable used in 1998 is different from that used in 1994 and 1990, no meaningful comparisons can be made between 1998 and other years' data on Community Type.

Table 104.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in personal/other courses in 1998, 1994, 1990, and 1982, by school type (public/nonpublic)

Courses Taken		1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Public	Nonpublic	Public	Nonpublic	Public	Nonpublic	Public	Nonpublic
Any Personal Health & Phys Ed (1.00)	Percent	94.44	90.54	94.24	78.25	94.56	78.68	92.54	79.16
	S.E.	1.54	3.96	0.89	5.05	0.91	4.66	0.56	3.44
Physical Education (1.00)	Percent	61.60	75.47	65.00	58.63	69.50	58.85	71.71	60.94
	S.E.	4.25	8.46	3.12	7.99	3.38	5.86	1.15	4.45
Health (0.50)	Percent	73.67	49.81	66.00	45.65	64.59	36.94	51.11	36.55
	S.E.	3.54	12.96	3.28	9.16	3.35	5.83	1.58	3.83
3 Yrs Physical Ed. + 0.5 Health (3.50)	Percent	5.96	13.78	6.02	4.32	9.02	4.43	10.44	3.41
	S.E.	1.40	7.28	1.09	2.71	1.78	2.57	1.00	0.89
Driver Education (0.25)	Percent	26.62	2.07	30.53	11.25	38.26	21.54	48.89	23.06
	S.E.	3.21	1.22	2.60	3.89	2.99	4.18	1.58	3.54

Table 105.—Percentage of graduates earning indicated minimum credits (Carnegie Units) in personal/other courses in 1998, 1994, 1990, and 1982, by region

Courses Taken	1998 Graduates				1994 Graduates				1990 Graduates				1982 Graduates			
	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West	North East	South	Mid West	West
Any Personal Health & Phys Ed (1.00)																
Percent	87.79	95.30	93.58	98.13	87.93	94.09	93.56	94.03	85.89	94.48	93.96	97.43	82.96	92.48	91.61	98.73
S.E.	5.49	2.12	2.82	0.49	2.05	1.39	2.32	1.81	3.57	0.67	2.00	1.14	2.20	1.06	1.40	0.37
Physical Education (1.00)																
Percent	70.86	57.14	55.15	73.59	75.98	59.82	54.33	80.92	75.33	67.30	58.59	76.80	65.47	75.75	61.05	84.35
S.E.	8.19	6.56	10.73	4.02	5.90	4.21	8.13	2.47	5.54	5.26	8.24	4.28	2.53	1.81	3.20	1.96
Health (0.50)																
Percent	67.83	70.85	83.65	61.73	74.61	56.69	73.74	57.60	61.03	55.63	70.11	63.08	59.08	40.49	52.11	48.72
S.E.	11.35	4.86	3.10	7.62	7.35	5.71	5.63	6.32	7.57	5.62	4.54	6.41	2.77	2.75	2.90	3.62
3 Yrs Physical Ed. + 0.5 Health (3.50)																
Percent	12.31	5.44	4.73	5.99	9.02	6.20	4.27	4.96	15.84	9.12	5.52	4.07	12.02	8.45	6.92	13.55
S.E.	4.93	2.21	3.05	1.19	3.54	1.41	2.42	1.15	5.59	1.60	3.01	1.57	2.08	0.94	1.16	1.73
Driver Education (0.25)																
Percent	9.49	23.59	25.17	37.36	19.84	28.57	33.72	30.61	28.64	39.61	26.49	54.57	27.03	47.52	49.24	64.01
S.E.	5.52	5.12	7.26	3.68	6.50	3.29	4.89	6.32	5.13	4.32	6.46	6.57	2.64	2.90	3.33	3.10

Table 106.—NAEP reading proficiency estimates of 1998 graduates by credits earned in subject areas

Subject Field		Credits Earned Categories							
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Mathematics	Mean	.	.	.	275.69	284.60	299.57	305.22	299.59
	S.E.	.	.	.	2.67	1.22	1.49	2.21	4.93
	N	1	2	18	356	1593	2033	631	110
Science	Mean	.	.	268.87	274.49	291.98	303.18	313.79	313.95
	S.E.	.	.	6.32	1.56	1.30	1.72	2.04	4.47
	N	5	2	72	988	1904	1316	342	115
English	Mean	.	.	.	271.06	281.36	293.76	297.42	298.35
	S.E.	.	.	.	7.12	3.37	1.36	1.96	2.93
	N	0	4	19	72	317	2745	1220	367
Social Studies	Mean	.	.	.	277.36	288.06	296.24	297.01	299.72
	S.E.	.	.	.	7.00	1.75	1.61	1.57	3.14
	N	0	0	1	101	1576	1994	771	301
Fine Arts	Mean	289.01	289.83	290.74	292.31	293.33	301.97	302.09	309.60
	S.E.	2.16	3.05	1.74	2.25	1.93	2.21	3.06	2.31
	N	1020	362	1059	922	499	392	208	282
Foreign Languages	Mean	269.33	272.93	285.67	295.82	303.12	311.57	308.53	285.58
	S.E.	2.28	6.10	1.98	1.36	1.67	1.96	6.04	9.80
	N	735	94	543	1771	935	510	98	58
Computer-related Studies	Mean	295.22	293.32	293.55	292.80	286.59	291.15	.	.
	S.E.	1.72	1.98	1.81	1.92	5.14	5.46	.	.
	N	1691	1002	1106	702	169	49	14	9
Consumer & Homemaking Education	Mean	296.96	294.22	290.26	282.99	282.64	269.16	.	.
	S.E.	1.28	1.81	1.70	2.58	3.64	10.64	.	.
	N	2721	730	678	431	136	37	9	2

Table 106.—NAEP reading proficiency estimates of 1998 graduates by credits earned in subject areas  
(Continued)

Subject Field		Credits Earned Categories							
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
General Labor Market Preparation	Mean	299.99	293.40	289.89	279.24	271.25	269.51	.	.
	S.E.	1.36	1.73	1.88	2.77	5.01	10.05	.	.
	N	1980	1121	1076	438	73	33	14	8
Specific Labor Market Preparation	Mean	309.45	304.68	300.92	293.45	286.07	286.45	283.23	279.43
	S.E.	1.85	2.53	1.94	2.02	1.82	2.22	2.20	2.17
	N	680	362	662	899	671	498	339	633
General Skills	Mean	293.64	291.91	294.05	296.85	298.87	288.28	.	.
	S.E.	1.44	1.88	1.43	2.88	3.87	6.51	.	.
	N	2897	636	588	418	145	33	17	10
Personal Health & Physical Education	Mean	.	306.90	297.52	295.75	291.65	288.39	287.43	280.75
	S.E.	.	3.75	2.79	1.61	1.41	3.75	2.81	2.36
	N	26	160	655	1514	1363	656	260	109
Religion	Mean	292.43	308.68	296.28	.	305.05	310.47	.	.
	S.E.	1.06	6.25	4.19	.	14.69	3.09	.	.
	N	4454	38	40	29	67	112	4	0
Military Science	Mean	294.03	.	273.76	282.16	278.70	293.12	.	.
	S.E.	1.07	.	5.99	7.23	7.48	5.76	.	.
	N	4529	13	74	45	32	40	3	8
Special Education	Mean	295.06	274.75	269.34	.	.	.	.	.
	S.E.	1.05	6.49	9.49	.	.	.	.	.
	N	4550	55	54	21	14	12	9	29
All Courses Other Than Above	Mean	293.80	.	.	.	.	.	.	.
	S.E.	1.06	.	.	.	.	.	.	.
	N	4682	25	21	12	1	1	0	2

NOTE: Means and standard errors based on less than 30 observations have been set to missing (.). Furthermore, users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Mathematics	ALL GRADUATES	Mean	.	.	.	275.69	284.60	299.57	305.22	299.59	
		S.E.	.	.	.	2.67	1.22	1.49	2.21	4.93	
		N	1	2	18	356	1593	2033	631	110	
		GENDER									
		Male	Mean	.	.	.	262.42	276.32	294.06	298.77	295.05
			S.E.	.	.	.	3.02	1.72	2.30	3.34	6.92
			N	1	1	8	166	764	945	296	54
		Female	Mean	.	.	.	286.78	292.31	304.75	311.01	304.82
			S.E.	.	.	.	3.08	1.61	1.57	2.15	7.02
			N	0	1	10	190	829	1088	335	56
		RACE/ETHNICITY									
		White	Mean	.	.	.	280.53	289.71	304.56	311.99	310.60
			S.E.	.	.	.	3.10	1.57	1.79	2.44	5.51
			N	0	2	13	217	972	1281	364	57
		Black	Mean	.	.	.	270.62	268.55	279.47	290.31	.
			S.E.	.	.	.	3.87	2.42	2.53	3.56	.
			N	0	0	4	56	279	335	123	22
		Hispanic	Mean	.	.	.	262.72	274.38	289.05	278.41	.
			S.E.	.	.	.	5.43	2.43	4.36	5.91	.
			N	0	0	1	65	246	259	84	18
		Asian/Pacific Islander	Mean	.	.	.	.	278.62	296.94	304.48	.
			S.E.	.	.	.	.	3.90	4.21	4.65	.
			N	1	0	0	14	84	138	57	12
	Native American	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	4	12	20	2	1	
	Other	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	0	0	0	1	0	



Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Mathematics	STUDENT PROGRAM									
	Academic	Mean	.	.	.	280.94	289.38	302.23	306.97	300.32
		S.E.	.	.	.	3.25	1.41	1.45	2.39	4.87
		N	0	0	5	148	1001	1618	537	100
	Vocational	Mean	.	.	.	262.48	262.40	.	.	.
		S.E.	.	.	.	5.30	7.38	.	.	.
		N	1	0	6	63	53	10	0	0
	Both	Mean	.	.	.	280.24	279.57	289.68	291.49	.
		S.E.	.	.	.	6.07	1.72	2.87	4.38	.
		N	0	0	1	47	416	387	94	10
	Neither	Mean	.	.	.	274.50	267.89	.	.	.
		S.E.	.	.	.	4.93	3.88	.	.	.
		N	0	2	6	98	123	18	0	0
	COMMUNITY TYPE									
	Urban	Mean	.	.	.	280.79	286.40	303.23	305.96	.
		S.E.	.	.	.	6.72	2.42	2.52	3.46	.
N		0	0	3	85	438	679	296	24	
Suburban	Mean	.	.	.	275.42	283.39	297.80	301.87	301.10	
	S.E.	.	.	.	4.00	2.45	2.26	3.12	9.34	
	N	1	1	10	161	605	855	224	48	
Rural	Mean	.	.	.	274.01	284.65	298.43	308.65	298.50	
	S.E.	.	.	.	4.36	2.10	3.73	3.03	6.83	
	N	0	1	5	110	550	499	111	38	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Mathematics	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	.	.	.	275.01	284.20	298.43	304.37	297.41
		S.E.	.	.	.	2.72	1.27	1.66	2.26	5.05
		N	1	2	16	350	1566	1926	565	105
	Nonpublic	Mean	.	.	.	.	.	309.23	310.16	.
		S.E.	.	.	.	.	.	2.88	4.85	.
		N	0	0	2	6	27	107	66	5
	CENSUS REGION									
	Northeast	Mean	.	.	.	278.94	282.97	293.22	305.87	.
		S.E.	.	.	.	5.90	3.91	5.12	6.14	.
		N	1	0	9	43	159	213	57	14
	South	Mean	.	.	.	279.88	281.19	297.39	301.53	306.48
		S.E.	.	.	.	6.46	1.77	2.39	2.79	5.10
		N	0	0	0	64	686	912	277	56
	Midwest	Mean	.	.	.	270.75	288.95	306.64	307.64	.
S.E.		.	.	.	5.47	2.75	2.54	4.49	.	
N		0	1	6	74	253	377	138	19	
West	Mean	.	.	.	276.07	285.84	299.24	307.51	.	
	S.E.	.	.	.	4.02	2.19	2.46	3.75	.	
	N	0	1	3	175	495	531	159	21	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Science	ALL GRADUATES	Mean	.	.	268.87	274.49	291.98	303.18	313.79	313.95	
		S.E.	.	.	6.32	1.56	1.30	1.72	2.04	4.47	
		N	5	2	72	988	1904	1316	342	115	
		GENDER									
		Male	Mean	.	.	261.17	267.11	285.02	297.31	307.23	306.74
			S.E.	.	.	8.89	2.34	2.19	2.11	3.31	7.41
			N	2	0	36	510	868	618	141	60
		Female	Mean	.	.	276.99	282.34	297.89	308.82	319.72	319.71
			S.E.	.	.	5.45	1.84	1.56	2.52	2.51	4.52
			N	3	2	36	478	1036	698	201	55
		RACE/ETHNICITY									
		White	Mean	.	.	269.62	279.25	297.83	307.40	316.34	320.32
			S.E.	.	.	8.03	1.83	1.40	2.11	2.16	4.34
			N	3	0	39	566	1109	896	223	70
		Black	Mean	.	.	.	264.63	275.20	284.15	303.24	.
			S.E.	.	.	.	2.89	2.02	3.87	5.92	.
			N	1	2	15	145	397	201	43	15
		Hispanic	Mean	.	.	.	265.55	282.76	291.49	302.89	.
			S.E.	.	.	.	3.04	3.54	6.38	13.60	.
			N	1	0	17	232	266	111	34	12
		Asian/Pacific Islander	Mean	.	.	.	268.48	282.23	295.09	309.11	.
			S.E.	.	.	.	7.17	4.31	4.18	5.67	.
			N	0	0	0	31	116	101	41	17
		Native American	Mean	.	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.	.
			N	0	0	1	14	15	7	1	1
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	0	1	0	0	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Science	STUDENT PROGRAM									
	Academic	Mean	.	.	.	278.44	293.97	305.81	314.77	314.86
		S.E.	.	.	.	1.60	1.45	1.36	2.21	4.64
		N	0	0	26	508	1388	1108	274	105
	Vocational	Mean	.	.	.	262.73	.	.	.	.
		S.E.	.	.	.	4.57	.	.	.	.
		N	1	0	13	94	25	0	0	0
	Both	Mean	.	.	.	273.70	288.08	287.91	305.55	.
		S.E.	.	.	.	3.29	1.60	5.81	3.34	.
		N	2	0	14	209	446	206	68	10
	Neither	Mean	.	.	.	270.61	273.29	.	.	.
		S.E.	.	.	.	2.87	5.81	.	.	.
		N	2	2	19	177	45	2	0	0
	COMMUNITY TYPE									
	Urban	Mean	.	.	.	278.05	294.31	305.75	318.87	320.42
		S.E.	.	.	.	3.14	2.68	2.62	3.78	7.30
		N	1	0	18	264	598	461	136	47
	Suburban	Mean	.	.	268.07	274.71	292.13	301.45	307.03	313.96
		S.E.	.	.	12.21	2.69	1.92	3.17	4.19	5.32
		N	2	2	40	441	735	518	115	52
	Rural	Mean	.	.	.	272.09	289.81	302.80	315.62	.
		S.E.	.	.	.	2.93	2.54	4.64	2.87	.
		N	2	0	14	283	571	337	91	16

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Science	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	.	.	267.77	273.46	291.05	301.81	313.35	313.95
		S.E.	.	.	6.88	1.62	1.25	2.00	2.04	4.47
		N	5	2	70	960	1846	1209	324	115
	Nonpublic	Mean	.	.	.	.	303.98	313.06	.	.
		S.E.	.	.	.	.	6.14	2.95	.	.
		N	0	0	2	28	58	107	18	0
	CENSUS REGION									
	Northeast	Mean	.	.	.	270.66	291.99	291.16	306.99	310.18
		S.E.	.	.	.	3.78	5.08	6.77	5.13	8.24
		N	0	1	8	107	136	157	57	30
	South	Mean	.	.	.	267.67	287.91	302.03	314.84	320.13
		S.E.	.	.	.	2.28	1.93	2.30	3.07	4.70
		N	0	0	11	244	930	589	166	55
	Midwest	Mean	.	.	.	278.61	296.55	309.51	319.98	.
		S.E.	.	.	.	4.03	2.03	2.19	3.69	.
		N	4	0	21	175	306	282	63	17
	West	Mean	.	.	268.64	277.13	294.42	308.49	315.12	.
		S.E.	.	.	5.54	2.16	2.86	2.18	5.93	.
		N	1	1	32	462	532	288	56	13

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00		
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00			
English	ALL GRADUATES	Mean	.	.	.	271.06	281.36	293.76	297.42	298.35		
		S.E.	.	.	.	7.12	3.37	1.36	1.96	2.93		
		N	0	4	19	72	317	2745	1220	367		
		GENDER										
		Male	Mean	.	.	.	268.56	274.66	287.39	290.04	289.39	
			S.E.	.	.	.	6.35	2.95	1.97	2.57	5.54	
			N	0	2	8	40	173	1322	542	148	
		Female	Mean	.	.	.	274.09	288.95	300.04	303.43	304.52	
			S.E.	.	.	.	11.00	5.02	1.21	2.18	3.75	
			N	0	2	11	32	144	1423	678	219	
		RACE/ETHNICITY										
		White	Mean	.	.	.	286.74	286.48	298.73	302.68	305.35	
			S.E.	.	.	.	10.23	3.61	1.38	2.41	3.84	
			N	0	1	8	30	204	1708	747	208	
		Black	Mean	.	.	.	.	268.50	277.76	277.67	281.44	
			S.E.	.	.	.	.	5.91	2.24	3.90	5.83	
			N	0	0	0	21	49	465	208	76	
		Hispanic	Mean	.	.	.	.	264.61	281.68	283.29	283.60	
			S.E.	.	.	.	.	6.95	2.33	3.83	9.18	
			N	0	3	9	17	52	372	164	56	
		Asian/Pacific Islander	Mean	.	.	.	.	.	292.78	292.41	.	
			S.E.	.	.	.	.	.	3.62	7.84	.	
			N	0	0	2	4	11	177	87	25	
		Native American	Mean	.	.	.	.	.	.	.	.	
			S.E.	.	.	.	.	.	.	.	.	
			N	0	0	0	0	0	1	22	14	2
		Other	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.		
		N	0	0	0	0	0	0	1	0	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
English	STUDENT PROGRAM									
	Academic	Mean	.	.	.	279.51	288.54	297.89	300.52	302.18
		S.E.	.	.	.	10.68	3.50	1.45	2.10	2.84
		N	0	0	4	33	169	1977	946	280
	Vocational	Mean	.	.	.	.	270.31	266.21	.	.
		S.E.	.	.	.	.	10.02	5.00	.	.
		N	0	1	1	12	37	73	8	1
	Both	Mean	.	.	.	.	270.45	285.59	288.71	280.78
		S.E.	.	.	.	.	5.15	1.80	3.07	9.26
		N	0	0	2	3	54	569	241	86
	Neither	Mean	.	.	.	.	275.51	273.49	.	.
		S.E.	.	.	.	.	4.39	4.36	.	.
		N	0	3	12	24	57	126	25	0
	COMMUNITY TYPE									
	Urban	Mean	.	.	.	.	285.38	297.35	299.13	308.59
		S.E.	.	.	.	.	5.05	2.95	3.37	6.28
N		0	1	4	22	73	819	481	125	
Suburban	Mean	.	.	.	.	281.55	292.84	296.27	294.12	
	S.E.	.	.	.	.	6.38	2.30	2.14	3.13	
	N	0	3	11	28	152	1226	369	116	
Rural	Mean	.	.	.	.	278.95	291.98	296.84	293.84	
	S.E.	.	.	.	.	8.35	1.74	3.30	3.89	
	N	0	0	4	22	92	700	370	126	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
English	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	.	.	.	271.06	280.70	292.41	296.87	295.95
		S.E.	.	.	.	7.12	3.60	1.29	2.18	2.47
		N	0	4	19	72	311	2615	1159	351
	Nonpublic	Mean	.	.	.	.	.	307.41	302.84	.
		S.E.	.	.	.	.	.	4.49	2.74	.
		N	0	0	0	0	6	130	61	16
	CENSUS REGION									
	Northeast	Mean	.	.	.	.	292.54	288.77	294.36	.
		S.E.	.	.	.	.	7.19	3.49	6.61	.
		N	0	0	4	7	45	316	98	26
	South	Mean	.	.	.	269.64	274.58	292.45	295.77	298.98
		S.E.	.	.	.	8.50	4.92	1.96	2.50	4.17
		N	0	0	5	37	100	1140	505	208
	Midwest	Mean	.	.	.	.	276.50	299.54	302.31	311.26
S.E.		.	.	.	.	5.30	3.12	2.83	5.15	
N		0	2	1	9	85	442	285	44	
West	Mean	.	.	.	.	281.98	293.52	294.22	301.26	
	S.E.	.	.	.	.	6.15	1.73	4.22	4.46	
	N	0	2	9	19	87	847	332	89	



Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Social Studies	ALL GRADUATES	Mean	.	.	.	277.36	288.06	296.24	297.01	299.72	
		S.E.	.	.	.	7.00	1.75	1.61	1.57	3.14	
		N	0	0	1	101	1576	1994	771	301	
		GENDER									
		Male	Mean	.	.	.	263.84	281.88	290.35	288.61	291.68
			S.E.	.	.	.	7.33	3.06	2.09	2.20	4.38
			N	0	0	1	43	811	917	328	135
		Female	Mean	.	.	.	287.94	295.19	301.37	303.32	306.79
			S.E.	.	.	.	7.98	1.54	1.76	1.60	3.95
			N	0	0	0	58	765	1077	443	166
		RACE/ETHNICITY									
		White	Mean	.	.	.	276.27	294.36	301.95	300.91	303.93
			S.E.	.	.	.	7.81	1.86	1.90	1.86	3.73
			N	0	0	0	64	910	1219	523	190
		Black	Mean	.	.	.	.	271.72	279.46	279.56	284.73
			S.E.	.	.	.	.	2.55	2.12	4.45	6.03
			N	0	0	0	25	298	321	119	56
		Hispanic	Mean	.	.	.	.	273.53	282.74	281.50	.
			S.E.	.	.	.	.	3.77	3.19	4.84	.
			N	0	0	1	8	267	295	73	29
		Asian/Pacific Islander	Mean	.	.	.	.	288.77	289.08	294.94	.
			S.E.	.	.	.	.	5.89	4.28	6.52	.
			N	0	0	0	4	81	147	50	24
	Native American	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	0	20	12	5	2	
	Other	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	0	0	0	1	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
<b>Social Studies</b>		<b>STUDENT PROGRAM</b>								
	Academic	Mean	.	.	.	299.02	294.23	299.75	299.59	301.43
		S.E.	.	.	.	5.72	2.04	1.69	1.66	3.15
		N	0	0	0	40	1000	1484	616	269
	Vocational	Mean	.	.	.	.	264.72	.	.	.
		S.E.	.	.	.	.	5.13	.	.	.
		N	0	0	1	14	85	27	6	0
	Both	Mean	.	.	.	279.96	283.27	286.36	286.08	285.69
		S.E.	.	.	.	6.80	2.88	2.05	3.96	6.56
		N	0	0	0	33	348	404	139	31
	Neither	Mean	.	.	.	.	267.23	279.36	.	.
		S.E.	.	.	.	.	3.96	4.99	.	.
		N	0	0	0	14	143	79	10	1
		<b>COMMUNITY TYPE</b>								
	Urban	Mean	.	.	.	.	293.38	300.59	296.16	313.04
		S.E.	.	.	.	.	3.81	2.56	3.46	4.06
		N	0	0	0	16	527	616	258	108
	Suburban	Mean	.	.	.	.	287.41	292.94	298.59	293.74
		S.E.	.	.	.	.	2.70	2.30	3.66	4.63
		N	0	0	1	18	611	842	307	126
	Rural	Mean	.	.	.	273.02	283.40	296.76	295.73	298.36
		S.E.	.	.	.	8.91	2.43	3.20	2.65	4.43
		N	0	0	0	67	438	536	206	67

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Social Studies	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	.	.	.	274.65	286.21	294.91	296.46	298.98
		S.E.	.	.	.	7.07	1.78	1.67	1.64	3.22
		N	0	0	1	96	1497	1902	740	295
	Nonpublic	Mean	.	.	.	.	302.36	313.52	303.97	.
		S.E.	.	.	.	.	7.76	2.26	7.82	.
		N	0	0	0	5	79	92	31	6
	CENSUS REGION									
	Northeast	Mean	.	.	.	.	264.47	294.31	292.67	294.25
		S.E.	.	.	.	.	10.07	4.85	3.93	5.82
		N	0	0	0	4	76	217	145	54
	South	Mean	.	.	.	285.27	285.26	294.18	300.33	303.59
		S.E.	.	.	.	4.89	3.80	1.96	2.85	3.81
		N	0	0	0	53	664	821	317	140
	Midwest	Mean	.	.	.	276.98	295.94	303.52	297.95	298.40
S.E.		.	.	.	11.29	2.93	3.61	2.97	6.99	
N		0	0	0	33	343	304	143	45	
West	Mean	.	.	.	.	288.31	293.51	297.25	306.46	
	S.E.	.	.	.	.	2.18	2.44	3.37	4.73	
	N	0	0	1	11	493	652	166	62	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Fine Arts	ALL GRADUATES	Mean	289.01	289.83	290.74	292.31	293.33	301.97	302.09	309.60	
		S.E.	2.16	3.05	1.74	2.25	1.93	2.21	3.06	2.31	
		N	1020	362	1059	922	499	392	208	282	
		GENDER									
		Male	Mean	284.42	282.99	285.82	282.84	286.94	296.30	296.06	304.18
			S.E.	2.59	3.05	3.28	3.22	3.10	3.90	5.52	3.84
			N	565	208	525	415	197	141	79	105
		Female	Mean	295.17	299.56	296.22	300.04	297.88	305.29	305.56	312.29
			S.E.	2.60	3.51	1.79	2.25	2.11	2.66	3.98	2.70
			N	455	154	534	507	302	251	129	177
		RACE/ETHNICITY									
		White	Mean	294.77	295.15	296.32	297.31	298.81	307.11	304.63	313.17
			S.E.	2.46	3.49	1.73	2.65	2.21	2.49	3.47	2.49
			N	612	216	562	551	315	275	159	216
		Black	Mean	270.20	279.25	279.28	277.65	280.80	281.36	.	.
			S.E.	2.63	6.91	3.05	3.83	5.50	4.52	.	.
			N	231	59	210	140	84	53	23	19
		Hispanic	Mean	278.87	270.58	279.76	276.64	272.51	282.44	.	294.42
			S.E.	4.93	5.14	5.07	4.51	5.97	7.29	.	6.78
			N	103	67	184	153	71	44	19	32
		Asian/Pacific Islander	Mean	287.90	.	285.43	295.12	.	.	.	.
			S.E.	4.62	.	6.85	4.29	.	.	.	.
			N	69	15	94	67	24	17	6	14
		Native American	Mean	.	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.	.
			N	5	5	8	11	5	3	1	1
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	1	0	0	0	0	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Fine Arts	STUDENT PROGRAM									
	Academic	Mean	296.48	291.82	294.30	296.38	297.63	305.57	305.05	311.24
		S.E.	2.44	3.32	1.99	2.34	1.99	2.34	3.12	2.54
		N	606	258	740	666	388	323	174	254
	Vocational	Mean	256.11	.	264.97	263.82	.	.	.	.
		S.E.	8.57	.	6.12	5.42	.	.	.	.
		N	41	9	33	33	8	6	2	1
	Both	Mean	281.00	290.48	286.44	286.98	282.12	292.32	.	.
		S.E.	3.87	7.96	2.66	3.72	4.96	6.43	.	.
		N	339	77	238	164	69	39	19	10
	Neither	Mean	268.47	.	267.05	268.05	264.33	.	.	.
		S.E.	6.32	.	6.58	4.87	6.48	.	.	.
N		34	18	48	59	34	24	13	17	
COMMUNITY TYPE										
Urban	Mean	292.85	294.03	297.39	295.34	296.87	308.18	306.49	310.78	
	S.E.	4.61	3.74	3.13	3.66	3.25	4.50	7.05	5.41	
	N	292	113	389	306	171	104	56	94	
Suburban	Mean	286.08	290.40	286.66	291.40	295.70	298.45	304.22	307.97	
	S.E.	2.57	4.77	2.28	3.56	3.01	3.67	5.82	4.77	
	N	356	174	427	399	193	173	81	102	
Rural	Mean	288.90	284.26	288.93	290.86	286.88	301.82	297.25	310.39	
	S.E.	3.02	6.14	2.87	4.32	3.93	4.03	3.25	3.21	
	N	372	75	243	217	135	115	71	86	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Fine Arts	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	287.62	288.00	288.72	291.11	292.37	301.50	301.30	309.45
		S.E.	2.02	3.28	1.58	2.34	1.98	2.30	3.27	2.43
		N	981	344	1007	877	477	378	199	268
	Nonpublic	Mean	306.81	.	309.30	303.74	.	.	.	.
		S.E.	7.70	.	2.64	4.54	.	.	.	.
		N	39	18	52	45	22	14	9	14
	CENSUS REGION									
	Northeast	Mean	281.77	281.98	286.33	292.83	297.10	296.71	.	.
		S.E.	4.64	7.50	3.43	7.30	3.54	9.28	.	.
		N	97	39	125	94	55	37	21	28
	South	Mean	285.33	286.41	290.93	293.31	290.43	302.59	306.82	309.26
		S.E.	3.33	4.52	4.19	4.82	4.04	4.43	6.22	3.47
		N	548	142	416	319	206	158	82	124
	Midwest	Mean	296.58	300.98	298.98	292.03	296.41	305.30	295.95	315.48
		S.E.	4.53	4.64	3.27	3.62	3.85	3.18	5.46	5.24
		N	173	72	188	188	83	74	50	40
	West	Mean	293.90	284.71	285.51	291.19	291.66	300.34	307.45	306.88
		S.E.	2.98	3.92	3.40	2.66	3.48	3.66	4.84	3.60
		N	202	109	330	321	155	123	55	90

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Foreign Languages	ALL GRADUATES	Mean	269.33	272.93	285.67	295.82	303.12	311.57	308.53	285.58
		S.E.	2.28	6.10	1.98	1.36	1.67	1.96	6.04	9.80
		N	735	94	543	1771	935	510	98	58
	GENDER									
	Male	Mean	265.79	269.37	281.01	289.25	300.15	304.14	285.01	.
		S.E.	2.05	9.93	2.44	1.61	3.16	4.00	10.22	.
		N	451	44	257	823	421	180	41	18
	Female	Mean	275.18	276.73	289.78	301.68	305.88	316.00	320.75	291.95
		S.E.	4.22	6.09	2.44	1.40	1.68	1.88	4.67	10.87
		N	284	50	286	948	514	330	57	40
	RACE/ETHNICITY									
	White	Mean	273.94	278.56	291.91	300.81	307.92	317.16	321.29	.
		S.E.	2.88	7.58	2.41	1.66	1.70	2.26	3.41	.
		N	453	64	334	1111	555	314	56	19
	Black	Mean	257.55	.	269.64	280.41	290.36	293.81	.	.
		S.E.	3.69	.	3.16	2.69	3.44	5.45	.	.
		N	178	18	103	301	143	65	10	1
	Hispanic	Mean	260.78	.	269.10	280.53	292.97	295.17	.	247.15
		S.E.	4.42	.	4.59	2.62	5.08	4.74	.	9.24
		N	78	9	80	246	143	67	20	30
	Asian/Pacific Islander	Mean	.	.	.	291.60	294.90	302.33	.	.
		S.E.	.	.	.	3.44	4.31	5.07	.	.
		N	17	2	20	99	86	62	12	8
	Native American	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	9	1	6	13	8	2	0	0
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	0	0	0	1	0	0	0	0

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Foreign Languages	STUDENT PROGRAM									
	Academic	Mean	274.78	273.87	288.04	297.28	304.38	313.51	315.22	299.86
		S.E.	2.66	6.00	2.61	1.52	1.66	1.80	4.24	9.27
		N	340	60	336	1300	792	452	86	43
	Vocational	Mean	257.59	.	.	.	.	.	.	.
		S.E.	5.22	.	.	.	.	.	.	.
		N	70	5	26	22	7	2	1	0
	Both	Mean	266.26	.	283.45	294.83	295.70	299.77	.	.
		S.E.	3.57	.	2.41	2.51	3.02	7.37	.	.
		N	263	19	136	385	112	36	2	2
	Neither	Mean	264.95	.	278.18	276.47	.	.	.	.
		S.E.	5.10	.	6.43	5.71	.	.	.	.
		N	62	10	45	64	24	20	9	13
	COMMUNITY TYPE									
	Urban	Mean	276.32	283.11	286.66	296.36	306.44	314.33	297.59	.
		S.E.	5.40	7.02	3.91	2.70	3.05	3.44	15.52	.
N		173	31	156	553	361	197	35	19	
Suburban	Mean	264.86	269.19	281.16	294.19	300.40	308.88	310.37	285.27	
	S.E.	2.47	11.19	3.26	2.33	2.51	2.72	8.15	9.55	
	N	243	39	211	682	413	232	54	31	
Rural	Mean	269.34	.	289.58	297.32	302.76	312.61	.	.	
	S.E.	4.25	.	3.39	2.13	3.52	4.33	.	.	
	N	319	24	176	536	161	81	9	8	



Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Foreign Languages	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	267.79	271.24	285.37	295.21	301.91	310.72	308.60	285.58
		S.E.	2.48	6.30	2.05	1.22	1.66	1.99	6.16	9.80
		N	719	91	531	1709	854	472	97	58
	Nonpublic	Mean	.	.	.	303.60	310.20	318.92	.	.
		S.E.	.	.	.	7.09	3.24	6.03	.	.
		N	16	3	12	62	81	38	1	0
	CENSUS REGION									
	Northeast	Mean	254.87	.	273.86	285.84	296.59	304.70	.	.
		S.E.	11.10	.	4.53	4.19	3.22	4.75	.	.
		N	64	2	42	133	143	82	19	11
	South	Mean	265.45	262.34	278.88	296.25	305.62	312.63	306.86	.
S.E.		3.08	8.40	3.46	1.88	2.73	2.80	13.15	.	
N		332	30	179	890	334	174	41	15	
Midwest	Mean	278.64	.	292.30	300.61	306.41	319.23	.	.	
	S.E.	4.40	.	3.32	3.13	3.10	3.43	.	.	
	N	151	27	129	271	171	102	11	6	
West	Mean	271.64	278.69	290.04	294.78	302.99	309.29	.	.	
	S.E.	3.97	6.46	3.42	1.73	2.47	3.22	.	.	
	N	188	35	193	477	287	152	27	26	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories								
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		>5.00
Computer-related Studies	ALL GRADUATES	Mean	295.22	293.32	293.55	292.80	286.59	291.15	.	.	
		S.E.	1.72	1.98	1.81	1.92	5.14	5.46	.	.	
		N	1691	1002	1106	702	169	49	14	9	
		GENDER									
		Male	Mean	285.90	285.16	287.04	288.72	292.89	288.76	.	.
			S.E.	2.27	2.69	3.38	2.95	4.33	6.68	.	.
			N	741	486	535	351	80	30	7	5
		Female	Mean	302.49	300.96	299.78	297.61	280.55	.	.	.
			S.E.	2.01	1.97	1.59	2.01	7.53	.	.	.
			N	950	516	571	351	89	19	7	4
		RACE/ETHNICITY									
		White	Mean	301.52	298.85	298.51	296.85	292.56	298.21	.	.
			S.E.	1.99	2.22	2.04	2.24	6.14	6.47	.	.
			N	1101	601	642	418	98	32	6	6
		Black	Mean	273.40	275.87	280.66	279.77	275.72	.	.	.
			S.E.	2.70	3.40	2.83	4.43	5.91	.	.	.
			N	246	172	212	128	42	11	6	2
		Hispanic	Mean	277.47	277.36	280.29	283.90	.	.	.	.
			S.E.	3.16	3.62	4.55	5.83	.	.	.	.
			N	208	165	167	107	19	5	1	1
		Asian/Pacific Islander	Mean	287.90	298.06	291.35	288.73	.	.	.	.
			S.E.	6.81	5.22	4.20	5.65	.	.	.	.
			N	118	54	79	45	8	1	1	0
	Native American	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	17	10	6	4	2	0	0	0	
	Other	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	1	0	0	0	0	0	0	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		0	Credits Earned Categories						>5.00	
			.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Computer-related Studies	STUDENT PROGRAM									
	Academic	Mean	300.80	298.36	297.29	295.19	292.44	.	.	.
		S.E.	1.78	1.97	1.89	2.47	5.29	.	.	.
		N	1254	757	807	490	86	11	2	0
	Vocational	Mean	266.07	.	.	.	.	.	.	.
		S.E.	6.41	.	.	.	.	.	.	.
		N	48	29	29	15	3	6	2	1
	Both	Mean	280.49	282.36	286.74	290.76	281.53	296.26	.	.
		S.E.	3.03	3.77	2.82	2.96	7.71	6.99	.	.
		N	296	138	231	165	76	31	10	8
	Neither	Mean	271.13	269.98	271.11	275.56	.	.	.	.
		S.E.	4.87	4.36	5.73	6.64	.	.	.	.
		N	93	78	39	32	4	1	0	0
	COMMUNITY TYPE									
	Urban	Mean	300.01	295.90	297.23	298.02	294.20	.	.	.
		S.E.	2.87	3.48	3.07	3.75	5.57	.	.	.
N		574	318	363	209	41	14	4	2	
Suburban	Mean	293.59	292.11	293.46	288.32	288.45	.	.	.	
	S.E.	2.96	3.02	3.31	3.05	8.49	.	.	.	
	N	746	418	395	255	61	19	5	4	
Rural	Mean	292.82	292.80	290.52	293.10	282.03	.	.	.	
	S.E.	4.78	3.23	3.18	3.17	6.95	.	.	.	
	N	371	266	348	238	67	16	5	3	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		0	Credits Earned Categories							>5.00	
			.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00			
Computer-related Studies	PUBLIC/NONPUBLIC SCHOOL										
	Public	Mean	294.75	291.86	292.04	290.29	286.59	290.50	.	.	
		S.E.	1.81	1.96	1.95	2.13	5.14	5.92	.	.	
		N	1645	945	1040	662	169	47	12	9	
	Nonpublic	Mean	303.00	312.26	304.57	311.58	.	.	.	.	
		S.E.	5.99	4.16	4.38	5.50	.	.	.	.	
		N	46	57	66	40	0	2	2	0	
	CENSUS REGION										
	Northeast	Mean	293.14	289.91	292.86	283.62	.	.	.	.	
		S.E.	4.58	4.59	3.24	5.05	.	.	.	.	
		N	236	78	105	63	9	1	1	3	
	South	Mean	291.15	288.86	294.44	294.55	292.19	.	.	.	
		S.E.	2.18	4.38	2.73	2.63	4.53	.	.	.	
		N	564	307	561	400	122	26	11	4	
	Midwest	Mean	303.62	298.33	293.69	296.36	.	.	.	.	
S.E.		2.66	3.22	4.39	4.98	.	.	.	.		
N		278	283	184	96	13	11	2	1		
West	Mean	292.81	291.99	291.72	292.64	.	.	.	.		
	S.E.	3.10	3.95	2.79	3.04	.	.	.	.		
	N	613	334	256	143	25	11	0	1		

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Consumer & Homemaking Education	ALL GRADUATES	Mean	296.96	294.22	290.26	282.99	282.64	269.16	.	.	
		S.E.	1.28	1.81	1.70	2.58	3.64	10.64	.	.	
		N	2721	730	678	431	136	37	9	2	
		GENDER									
		Male	Mean	290.56	284.61	279.53	269.69	271.28	.	.	.
			S.E.	2.07	2.38	3.23	4.60	6.97	.	.	.
			N	1460	334	263	136	37	5	0	0
		Female	Mean	304.85	302.10	297.24	289.14	287.29	276.42	.	.
			S.E.	1.36	2.10	1.84	3.17	3.96	8.89	.	.
			N	1261	396	415	295	99	32	9	2
		RACE/ETHNICITY									
		White	Mean	302.15	298.64	296.25	289.05	289.97	.	.	.
			S.E.	1.38	2.11	2.00	3.07	4.98	.	.	.
			N	1690	463	411	251	72	15	4	0
		Black	Mean	279.69	281.59	275.66	267.54	266.72	.	.	.
			S.E.	2.87	4.68	2.51	3.97	5.16	.	.	.
			N	410	103	139	102	44	17	2	2
		Hispanic	Mean	281.54	279.66	274.21	274.63	.	.	.	.
			S.E.	3.62	4.45	3.28	6.72	.	.	.	.
			N	382	110	93	63	18	4	3	0
		Asian/Pacific Islander	Mean	294.25	286.97	.	.	.	.	.	.
			S.E.	2.62	9.59	.	.	.	.	.	.
			N	218	46	29	11	1	1	0	0
		Native American	Mean	.	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.	.
			N	20	8	6	4	1	0	0	0
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	1	0	0	0	0	0	0	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Consumer & Homemaking Education		STUDENT PROGRAM								
	Academic	Mean	302.05	298.41	294.43	285.93	283.40	.	.	.
		S.E.	1.31	1.92	1.98	3.35	3.73	.	.	.
		N	1994	540	461	297	89	24	3	1
	Vocational	Mean	267.18	.	.	.	.	.	.	.
		S.E.	5.71	.	.	.	.	.	.	.
		N	68	19	28	11	6	1	0	0
	Both	Mean	285.49	286.40	283.75	280.49	.	.	.	.
		S.E.	2.50	3.40	3.26	3.35	.	.	.	.
		N	561	126	140	92	25	10	1	0
	Neither	Mean	265.72	275.64	273.82	267.42	.	.	.	.
		S.E.	4.46	5.47	5.92	6.28	.	.	.	.
		N	98	45	49	31	16	2	5	1
		COMMUNITY TYPE								
	Urban	Mean	300.98	294.29	292.37	283.07	.	.	.	.
		S.E.	2.51	3.30	3.49	4.11	.	.	.	.
		N	1053	199	152	91	24	4	1	1
	Suburban	Mean	293.97	294.61	289.54	279.97	289.61	.	.	.
		S.E.	2.01	2.74	3.14	3.52	6.89	.	.	.
		N	1076	344	272	165	36	8	4	0
	Rural	Mean	296.05	293.53	289.93	285.55	281.07	.	.	.
		S.E.	2.94	3.21	2.84	3.67	3.76	.	.	.
		N	592	187	254	175	76	25	4	1

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Consumer & Homemaking Education		PUBLIC/NONPUBLIC SCHOOL								
	Public	Mean	295.40	293.88	290.03	282.79	282.19	269.16	.	.
		S.E.	1.28	1.84	1.73	2.61	3.68	10.64	.	.
		N	2523	723	674	428	135	37	9	2
	Nonpublic	Mean	306.93	.	.	.	.	.	.	.
		S.E.	3.56	.	.	.	.	.	.	.
		N	198	7	4	3	1	0	0	0
		CENSUS REGION								
	Northeast	Mean	290.87	289.30	295.49	277.61	.	.	.	.
		S.E.	3.64	4.01	6.69	7.18	.	.	.	.
		N	360	47	43	35	5	4	1	1
	South	Mean	297.24	291.07	287.21	282.89	277.94	.	.	.
		S.E.	1.97	5.63	2.83	3.45	4.83	.	.	.
		N	1141	262	305	192	67	23	4	1
	Midwest	Mean	303.11	302.63	290.28	287.25	287.31	.	.	.
		S.E.	2.59	2.99	3.34	6.58	7.60	.	.	.
		N	435	173	127	93	32	7	1	0
	West	Mean	295.88	287.32	292.70	280.83	288.06	.	.	.
		S.E.	2.09	2.59	3.25	4.32	5.36	.	.	.
		N	785	248	203	111	32	3	3	0

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
General Labor Market Preparation	ALL GRADUATES	Mean	299.99	293.40	289.89	279.24	271.25	269.51	.	.
		S.E.	1.36	1.73	1.88	2.77	5.01	10.05	.	.
		N	1980	1121	1076	438	73	33	14	8
		GENDER								
		Male	Mean	293.82	286.75	279.22	272.86	265.20	.	.
			S.E.	2.55	2.49	2.48	3.31	8.40	.	.
			N	970	532	460	207	35	17	8
		Female	Mean	305.93	300.17	297.30	285.15	279.95	.	.
			S.E.	1.53	1.97	2.12	2.95	5.74	.	.
			N	1010	589	616	231	38	16	6
		RACE/ETHNICITY								
		White	Mean	304.87	297.55	297.20	285.22	276.96	.	.
			S.E.	1.35	2.28	2.03	3.56	5.57	.	.
			N	1269	707	624	229	37	22	10
		Black	Mean	279.41	280.22	275.64	270.36	.	.	.
			S.E.	3.06	2.44	2.58	5.65	.	.	.
			N	316	153	210	106	22	9	2
		Hispanic	Mean	288.52	279.19	272.21	263.00	.	.	.
			S.E.	4.53	3.44	3.27	5.00	.	.	.
			N	235	170	181	73	12	1	1
		Asian/Pacific Islander	Mean	300.85	288.64	285.17	.	.	.	.
			S.E.	3.79	4.30	4.66	.	.	.	.
			N	142	79	54	27	2	1	1
		Native American	Mean	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.
			N	17	12	7	3	0	0	0
		Other	Mean	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	
		N	1	0	0	0	0	0	0	



Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
General Labor Market Preparation	STUDENT PROGRAM										
		Academic	Mean	303.44	297.53	295.04	284.90	266.19	.	.	.
			S.E.	1.43	1.80	2.01	2.93	7.24	.	.	.
			N	1465	859	767	261	33	17	4	3
		Vocational	Mean	265.43	268.74	.	263.39	.	.	.	.
			S.E.	9.40	7.19	.	7.22	.	.	.	.
			N	31	31	27	31	8	3	1	1
		Both	Mean	291.87	281.88	279.24	275.67	.	.	.	.
			S.E.	2.23	3.67	3.50	5.23	.	.	.	.
			N	420	178	219	102	21	7	4	3
		Neither	Mean	275.96	274.88	268.45	264.53	.	.	.	.
			S.E.	5.32	5.44	4.35	4.90	.	.	.	.
		N	64	53	63	44	11	6	5	1	
COMMUNITY TYPE											
	Urban	Mean	302.25	300.08	285.25	283.86	.	.	.	.	
		S.E.	2.60	3.06	2.49	7.68	.	.	.	.	
		N	802	305	287	102	20	6	2	1	
	Suburban	Mean	298.50	291.78	284.86	281.10	.	.	.	.	
		S.E.	2.45	2.34	2.92	3.93	.	.	.	.	
		N	777	566	378	162	9	6	4	2	
	Rural	Mean	298.93	291.31	296.12	275.35	274.29	.	.	.	
		S.E.	2.83	3.23	2.35	4.71	5.76	.	.	.	
		N	401	250	411	174	44	21	8	5	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories									
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00		
General Labor Market Preparation	PUBLIC/NONPUBLIC SCHOOL										
		Public	Mean	298.65	292.71	289.35	279.18	271.25	269.51	.	.
			S.E.	1.47	1.74	1.89	2.78	5.01	10.05	.	.
			N	1814	1099	1052	437	73	33	14	8
		Nonpublic	Mean	308.01	.	.	.	.	.	.	.
			S.E.	3.26	.	.	.	.	.	.	.
			N	166	22	24	1	0	0	0	0
	CENSUS REGION										
		Northeast	Mean	298.38	290.16	283.56	279.95	.	.	.	.
			S.E.	4.17	4.02	4.15	8.75	.	.	.	.
			N	169	138	137	40	6	2	2	2
		South	Mean	297.80	288.79	290.18	277.83	276.03	.	.	.
		S.E.	2.41	2.71	2.93	5.40	5.07	.	.	.	
		N	946	322	473	199	38	15	1	1	
	Midwest	Mean	303.19	300.42	297.03	282.60	.	.	.	.	
		S.E.	2.15	3.70	4.11	3.23	.	.	.	.	
		N	381	230	147	65	19	14	9	3	
	West	Mean	301.58	291.08	288.58	278.75	.	.	.	.	
		S.E.	1.91	2.14	2.03	3.90	.	.	.	.	
		N	484	431	319	134	10	2	2	2	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Specific Labor Market Preparation	ALL GRADUATES	Mean	309.45	304.68	300.92	293.45	286.07	286.45	283.23	279.43
		S.E.	1.85	2.53	1.94	2.02	1.82	2.22	2.20	2.17
		N	680	362	662	899	671	498	339	633
	GENDER									
	Male	Mean	306.07	295.31	293.30	288.09	281.68	278.62	278.94	275.95
S.E.		2.73	3.20	4.35	3.11	2.72	2.41	3.17	2.48	
N		254	141	291	426	331	245	184	363	
	Female	Mean	311.52	310.51	306.50	298.51	290.64	294.16	289.76	284.94
S.E.		2.16	3.20	2.05	1.93	2.48	2.96	3.61	3.27	
N		426	221	371	473	340	253	155	270	
	RACE/ETHNICITY									
	White	Mean	314.96	310.28	306.91	299.88	290.86	292.83	288.00	281.38
S.E.		1.97	2.84	2.12	2.18	2.14	2.58	2.73	2.51	
N		460	229	399	516	392	300	211	399	
	Black	Mean	283.11	284.52	284.90	276.14	273.70	271.82	269.05	273.85
S.E.		6.01	4.69	3.78	3.94	3.65	2.70	4.27	4.72	
N		80	61	111	148	129	92	67	131	
	Hispanic	Mean	287.95	280.93	286.79	280.29	274.71	265.87	272.18	276.20
S.E.		7.42	6.39	5.78	4.59	3.90	5.22	5.13	6.77	
N		78	46	101	151	102	77	47	71	
	Asian/Pacific Islander	Mean	309.71	.	289.61	283.43	284.42	.	.	.
S.E.		4.60	.	6.98	8.30	6.38	.	.	.	
N		58	25	49	71	44	24	12	23	
	Native American	Mean	.	.	.	.	.	.	.	.
S.E.		.	.	.	.	.	.	.	.	
N		4	1	2	13	4	4	2	9	
	Other	Mean	.	.	.	.	.	.	.	.
S.E.		.	.	.	.	.	.	.	.	
N		0	0	0	0	0	1	0	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Specific Labor Market Preparation	STUDENT PROGRAM									
	Academic	Mean	310.09	305.94	301.87	294.89	287.89	289.00	283.09	278.91
		S.E.	1.83	2.55	1.94	2.07	1.95	2.41	4.75	7.42
		N	657	341	638	833	532	274	92	42
	Vocational	Mean	.	.	.	.	.	.	.	264.24
		S.E.	.	.	.	.	.	.	.	4.99
		N	0	0	0	0	12	17	21	83
	Both	Mean	.	.	.	.	284.44	286.56	289.75	282.67
		S.E.	.	.	.	.	7.47	4.04	2.76	2.39
		N	0	0	0	0	77	182	200	496
	Neither	Mean	.	.	.	271.04	266.12	.	.	.
		S.E.	.	.	.	5.19	6.72	.	.	.
		N	23	21	24	66	50	25	26	12
	COMMUNITY TYPE									
	Urban	Mean	312.32	301.85	301.44	296.53	285.44	290.92	292.65	284.50
		S.E.	2.72	4.93	2.81	4.11	5.79	5.34	4.25	4.75
N		321	104	255	264	171	138	82	190	
Suburban	Mean	304.68	304.91	300.79	290.94	284.12	285.12	278.78	279.77	
	S.E.	4.69	3.63	2.93	3.97	2.65	3.12	4.10	3.99	
	N	262	179	277	373	294	200	120	200	
Rural	Mean	312.68	306.24	300.32	293.80	288.45	285.03	282.18	276.09	
	S.E.	3.73	4.31	3.89	3.30	3.30	3.09	3.83	3.44	
	N	97	79	130	262	206	160	137	243	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories									
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00		
Specific Labor Market Preparation	PUBLIC/NONPUBLIC SCHOOL										
		Public	Mean	308.48	304.23	299.69	291.81	286.17	286.35	282.52	279.02
			S.E.	2.11	2.60	2.17	2.00	1.83	2.34	2.44	2.26
			N	620	347	594	851	663	495	335	626
		Nonpublic	Mean	317.05	.	306.19	306.38	.	.	.	.
			S.E.	3.53	.	4.02	5.48	.	.	.	.
			N	60	15	68	48	8	3	4	7
	CENSUS REGION										
		Northeast	Mean	306.01	301.35	300.98	287.09	272.99	278.40	.	273.26
			S.E.	4.05	4.56	6.87	4.49	6.57	8.51	.	5.80
		N	100	47	72	95	60	32	28	62	
	South	Mean	308.95	303.34	302.41	297.20	286.36	286.49	280.62	280.33	
		S.E.	3.77	5.38	2.85	3.35	2.80	2.65	3.85	2.67	
		N	201	94	270	334	273	266	162	395	
	Midwest	Mean	316.68	308.96	303.40	296.32	292.75	293.38	288.76	284.27	
		S.E.	3.43	4.72	3.16	4.26	4.75	6.98	4.00	6.24	
		N	105	97	141	198	117	64	67	79	
	West	Mean	308.31	302.39	294.40	288.05	286.67	284.58	281.06	276.51	
		S.E.	3.32	3.06	3.32	2.91	2.74	2.70	3.50	3.86	
		N	274	124	179	272	221	136	82	97	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
General Skills	ALL GRADUATES	Mean	293.64	291.91	294.05	296.85	298.87	288.28	.	.
		S.E.	1.44	1.88	1.43	2.88	3.87	6.51	.	.
		N	2897	636	588	418	145	33	17	10
		GENDER								
		Male	Mean	287.72	283.87	286.00	285.90	287.58	.	.
			S.E.	2.04	3.19	2.59	5.02	5.36	.	.
			N	1463	291	249	152	55	9	9
		Female	Mean	299.78	299.40	299.98	302.65	306.83	.	.
			S.E.	1.55	1.71	2.11	2.82	3.67	.	.
			N	1434	345	339	266	90	24	8
		RACE/ETHNICITY								
		White	Mean	298.88	298.76	300.52	302.45	301.56	.	.
			S.E.	1.62	2.09	2.18	3.11	4.33	.	.
			N	1822	363	320	257	102	21	13
		Black	Mean	275.52	274.26	281.96	288.45	.	.	
			S.E.	2.11	4.32	3.80	4.91	.	.	
			N	518	124	106	52	13	4	2
		Hispanic	Mean	279.34	276.21	277.71	279.08	.	.	
			S.E.	3.45	5.19	3.74	5.03	.	.	
			N	356	106	106	80	16	5	2
		Asian/Pacific Islander	Mean	291.40	278.87	293.74	.	.		
			S.E.	3.66	10.09	3.91	.	.		
		N	178	39	51	23	13	2	0	
	Native American	Mean	.	.	.	.	.			
		S.E.	.	.	.	.	.			
		N	22	4	5	6	1	1	0	
	Other	Mean	.	.	.	.	.			
		S.E.	.	.	.	.	.			
		N	1	0	0	0	0	0	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
General Skills	STUDENT PROGRAM										
	Academic	Mean	299.08	294.54	296.68	302.22	302.27	.	.	.	
		S.E.	1.51	2.18	1.90	2.94	4.55	.	.	.	
		N	2016	479	431	323	113	29	12	6	
	Vocational	Mean	264.80	.	.	.	.	.	.	.	
		S.E.	4.10	.	.	.	.	.	.	.	
		N	86	14	18	10	1	1	2	1	
	Both	Mean	282.81	288.81	292.61	294.26	.	.	.	.	
		S.E.	2.09	3.52	4.20	8.34	.	.	.	.	
		N	684	110	101	44	12	2	1	1	
	Neither	Mean	270.33	279.02	270.74	266.96	.	.	.	.	
		S.E.	4.12	5.47	6.40	5.69	.	.	.	.	
		N	111	33	38	41	19	1	2	2	
	COMMUNITY TYPE										
	Urban	Mean	297.97	292.66	296.25	306.85	305.38	.	.	.	
		S.E.	2.73	3.65	3.11	5.49	7.54	.	.	.	
N		914	219	201	133	44	8	3	3		
Suburban	Mean	291.62	294.45	294.09	289.64	291.36	.	.	.		
	S.E.	2.04	3.08	2.48	4.16	4.22	.	.	.		
	N	1127	273	250	169	67	12	4	3		
Rural	Mean	292.43	287.70	291.65	296.36	304.66	.	.	.		
	S.E.	2.69	4.38	2.76	4.99	5.53	.	.	.		
	N	856	144	137	116	34	13	10	4		

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
General Skills	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	292.50	291.57	293.14	292.80	298.51	285.99	.	.
		S.E.	1.47	2.14	1.43	2.38	3.97	6.59	.	.
		N	2753	616	568	394	141	32	17	10
	Nonpublic	Mean	305.61	.	.	.	.	.	.	.
		S.E.	4.01	.	.	.	.	.	.	.
		N	144	20	20	24	4	1	0	0
	CENSUS REGION									
	Northeast	Mean	288.24	292.62	292.94	.	.	.	.	.
		S.E.	4.02	3.70	7.18	.	.	.	.	.
		N	381	65	33	11	5	1	0	0
	South	Mean	291.86	287.67	293.84	304.72	302.46	.	.	.
		S.E.	1.92	3.43	2.88	5.83	5.34	.	.	.
		N	1397	205	211	121	37	13	7	4
Midwest	Mean	299.96	294.90	292.68	298.77	.	.	.	.	
	S.E.	2.91	5.13	4.76	5.32	.	.	.	.	
	N	565	139	67	67	24	4	1	1	
West	Mean	293.35	291.54	295.27	290.26	290.98	.	.	.	
	S.E.	2.65	2.67	2.21	3.12	3.53	.	.	.	
	N	554	227	277	219	79	15	9	5	



Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Personal Health & Physical Education	ALL GRADUATES	Mean	.	306.90	297.52	295.75	291.65	288.39	287.43	280.75
		S.E.	.	3.75	2.79	1.61	1.41	3.75	2.81	2.36
		N	26	160	655	1514	1363	656	260	109
	GENDER									
	Male	Mean	.	299.22	290.35	289.37	284.73	283.99	282.27	277.07
		S.E.	.	6.21	3.52	2.25	1.79	6.69	3.21	2.71
		N	12	55	234	604	667	402	177	83
	Female	Mean	.	310.45	301.62	300.65	298.64	295.54	297.07	.
		S.E.	.	3.70	3.23	1.76	1.81	2.95	4.46	.
		N	14	105	421	910	696	254	83	26
	RACE/ETHNICITY									
	White	Mean	.	313.25	301.53	301.05	297.30	293.52	293.43	289.40
		S.E.	.	3.05	3.57	1.75	1.47	3.62	3.69	4.08
		N	21	103	438	961	790	381	155	56
	Black	Mean	.	.	282.54	278.02	273.74	271.27	271.99	.
		S.E.	.	.	3.45	2.36	3.55	4.28	7.07	.
		N	3	25	155	287	202	96	32	19
	Hispanic	Mean	.	.	282.01	280.80	278.82	277.16	275.96	268.71
		S.E.	.	.	9.69	5.70	3.46	7.32	4.76	4.78
		N	1	21	39	146	250	128	56	32
	Asian/Pacific Islander	Mean	.	.	.	289.46	288.47	293.67	.	.
		S.E.	.	.	.	3.63	5.93	6.43	.	.
		N	0	10	22	108	111	42	12	1
	Native American	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	1	1	1	12	9	9	5	1
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	0	0	0	0	1	0	0	0

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories							>5.00
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Personal Health & Physical Education STUDENT PROGRAM									
	Academic	Mean	. 310.50	304.16	299.77	295.92	294.63	289.88	281.16
		S.E.	. 3.69	2.09	2.07	1.46	3.77	2.81	3.34
		N	18	131	444	1055	988	486	205
	Vocational	Mean	. .	. .	274.45	261.20	. .	. .	. .
		S.E.	. .	. .	6.13	5.22	. .	. .	. .
		N	1	6	14	42	44	22	4
	Both	Mean	. .	284.89	288.49	285.79	272.05	283.83	. .
		S.E.	. .	5.21	2.37	2.82	3.27	6.48	. .
		N	4	16	183	348	238	103	42
	Neither	Mean	. .	. .	277.27	270.29	264.49	. .	. .
		S.E.	. .	. .	3.79	4.48	6.18	. .	. .
		N	3	7	14	69	93	45	9
COMMUNITY TYPE									
	Urban	Mean	. 301.26	301.85	300.80	293.89	295.41	287.05	. .
		S.E.	. 4.95	4.09	3.28	2.58	9.97	6.78	. .
		N	12	72	155	543	465	201	48
	Suburban	Mean	. 313.03	303.35	294.41	287.77	286.16	284.19	. .
		S.E.	. 8.60	3.50	2.64	2.84	4.68	3.49	. .
		N	3	46	242	580	588	304	116
	Rural	Mean	. 307.14	290.58	291.76	294.50	283.66	291.13	280.80
		S.E.	. 3.96	4.46	2.67	2.78	4.08	4.88	2.60
		N	11	42	258	391	310	151	96

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories							>5.00
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Personal Health & Physical Education PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	. 306.20	295.83	294.62	291.24	284.92	287.67	279.88
		S.E.	. 3.88	2.92	1.81	1.42	2.77	2.94	2.57
		N	25 158	610	1441	1335	608	249	104
	Nonpublic	Mean	. .	307.98	308.98	. .	309.68	. .	. .
		S.E.	. .	4.38	11.19	. .	6.83	. .	. .
		N	1 2	45	73	28	48	11	5
CENSUS REGION									
	Northeast	Mean	. .	278.20	296.58	295.59	279.27	. .	. .
		S.E.	. .	3.16	5.96	3.36	4.32	. .	. .
		N	1 16	34	108	195	134	6	1
	South	Mean	. 306.65	297.40	291.42	287.49	292.31	291.40	276.60
		S.E.	. 7.13	3.52	2.16	2.29	10.09	3.74	3.50
		N	4 81	409	704	397	217	122	61
	Midwest	Mean	. 315.26	303.22	297.54	291.80	294.45	. .	. .
		S.E.	. 3.96	2.91	3.08	2.70	10.02	. .	. .
		N	19 40	185	368	170	76	10	0
	West	Mean	. .	. .	299.86	290.99	288.18	285.10	285.74
		S.E.	. .	. .	3.92	2.63	2.68	2.99	2.83
		N	2 23	27	334	601	229	122	47

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Religion	ALL GRADUATES	Mean	292.43	308.68	296.28	.	305.05	310.47	.	.
		S.E.	1.06	6.25	4.19	.	14.69	3.09	.	.
		N	4454	38	40	29	67	112	4	0
	GENDER									
	Male	Mean	284.90	.	.	.	304.94	308.26	.	.
		S.E.	1.43	.	.	.	29.88	4.66	.	.
		N	2074	15	25	16	50	53	2	0
	Female	Mean	299.18	.	.	.	.	312.01	.	.
		S.E.	1.17	.	.	.	.	3.37	.	.
		N	2380	23	15	13	17	59	2	0
	RACE/ETHNICITY									
	White	Mean	298.13	.	.	.	302.57	316.04	.	.
		S.E.	1.29	.	.	.	14.70	2.35	.	.
		N	2702	26	26	21	49	80	2	0
	Black	Mean	275.75	.	.	.	.	.	.	.
		S.E.	1.61	.	.	.	.	.	.	.
		N	784	5	11	2	2	14	1	0
	Hispanic	Mean	276.00	.	.	.	.	.	.	.
		S.E.	2.32	.	.	.	.	.	.	.
		N	643	3	1	0	11	14	1	0
	Asian/Pacific Islander	Mean	291.71	.	.	.	.	.	.	.
		S.E.	3.03	.	.	.	.	.	.	.
		N	285	4	2	6	5	4	0	0
	Native American	Mean	272.77	.	.	.	.	.	.	.
		S.E.	7.10	.	.	.	.	.	.	.
		N	39	0	0	0	0	0	0	0
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	1	0	0	0	0	0	0	0

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Religion	STUDENT PROGRAM										
	Academic	Mean	297.18	315.91	297.96	.	305.09	313.21	.	.	
		S.E.	1.04	4.76	5.06	.	14.77	2.91	.	.	
		N	3151	32	30	25	66	101	4	0	
	Vocational	Mean	262.83	.	.	.	.	.	.	.	
		S.E.	3.93	.	.	.	.	.	.	.	
		N	129	0	0	0	0	4	0	0	
	Both	Mean	284.53	.	.	.	.	.	.	.	
		S.E.	1.81	.	.	.	.	.	.	.	
		N	936	2	9	2	1	5	0	0	
	Neither	Mean	271.33	.	.	.	.	.	.	.	
		S.E.	3.02	.	.	.	.	.	.	.	
		N	238	4	1	2	0	2	0	0	
	COMMUNITY TYPE										
	Urban	Mean	295.22	.	.	.	305.44	313.39	.	.	
		S.E.	2.02	.	.	.	16.26	2.72	.	.	
N		1350	9	8	7	61	89	1	0		
Suburban	Mean	291.77	.	.	.	.	.	.	.		
	S.E.	1.77	.	.	.	.	.	.	.		
	N	1833	20	27	15	4	4	2	0		
Rural	Mean	291.28	.	.	.	.	.	.	.		
	S.E.	1.99	.	.	.	.	.	.	.		
	N	1271	9	5	7	2	19	1	0		

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories									
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00		
Religion	PUBLIC/NONPUBLIC SCHOOL										
		Public	Mean	292.26	308.68	294.79	.	.	.	.	.
			S.E.	1.07	6.25	5.23	.	.	.	.	.
			N	4438	38	35	15	5	0	0	0
		Nonpublic	Mean	.	.	.	.	305.53	310.47	.	.
			S.E.	.	.	.	.	15.03	3.09	.	.
			N	16	0	5	14	62	112	4	0
		CENSUS REGION									
		Northeast	Mean	289.84	.	.	.	.	.	.	.
			S.E.	2.94	.	.	.	.	.	.	.
			N	484	3	5	4	0	0	0	0
		South	Mean	291.27	.	.	.	313.50	.	.	.
		S.E.	1.50	.	.	.	16.04	.	.	.	
		N	1913	10	21	11	38	0	2	0	
	Midwest	Mean	297.26	.	.	.	.	313.19	.	.	
		S.E.	2.35	.	.	.	.	2.95	.	.	
		N	776	16	8	7	21	39	1	0	
	West	Mean	290.77	.	.	.	.	308.08	.	.	
		S.E.	1.85	.	.	.	.	4.15	.	.	
		N	1281	9	6	7	8	73	1	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Military Science	ALL GRADUATES	Mean	294.03	.	273.76	282.16	278.70	293.12	.	.
		S.E.	1.07	.	5.99	7.23	7.48	5.76	.	.
		N	4529	13	74	45	32	40	3	8
		GENDER								
		Male	Mean	287.00	.	271.08	.	.	.	.
			S.E.	1.69	.	7.14	.	.	.	.
			N	2115	8	45	23	15	24	1
		Female	Mean	300.49	.	.	.	.	.	.
			S.E.	1.08	.	.	.	.	.	.
			N	2414	5	29	22	17	16	2
		RACE/ETHNICITY								
		White	Mean	299.31	.	.	.	.	.	.
			S.E.	1.22	.	.	.	.	.	.
			N	2826	8	23	17	12	16	2
		Black	Mean	277.45	.	268.76	.	.	.	.
			S.E.	1.86	.	6.78	.	.	.	.
			N	729	3	37	20	12	15	0
		Hispanic	Mean	278.86	.	.	.	.	.	.
			S.E.	2.62	.	.	.	.	.	.
			N	638	2	11	6	8	4	1
		Asian/Pacific Islander	Mean	290.66	.	.	.	.	.	.
			S.E.	3.17	.	.	.	.	.	.
			N	299	0	2	0	0	5	0
	Native American	Mean	272.88	.	.	.	.	.	.	
		S.E.	7.41	.	.	.	.	.	.	
		N	36	0	1	2	0	0	0	
	Other	Mean	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	
		N	1	0	0	0	0	0	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Military Science	STUDENT PROGRAM									
	Academic	Mean	298.64	.	280.11	.	.	297.37	.	.
		S.E.	1.11	.	7.48	.	.	7.06	.	.
		N	3264	7	44	28	26	31	2	7
	Vocational	Mean	264.71	.	.	.	.	.	.	.
		S.E.	3.98	.	.	.	.	.	.	.
		N	127	3	1	1	1	0	0	0
	Both	Mean	285.58	.	.	.	.	.	.	.
		S.E.	1.77	.	.	.	.	.	.	.
		N	909	2	21	12	1	8	1	1
	Neither	Mean	270.46	.	.	.	.	.	.	.
		S.E.	2.92	.	.	.	.	.	.	.
		N	229	1	8	4	4	1	0	0
	COMMUNITY TYPE									
	Urban	Mean	298.53	.	271.29	.	.	.	.	.
		S.E.	2.27	.	6.19	.	.	.	.	.
		N	1427	4	35	23	13	15	2	6
	Suburban	Mean	292.35	.	.	.	.	.	.	.
		S.E.	1.79	.	.	.	.	.	.	.
		N	1826	7	24	13	14	18	1	2
	Rural	Mean	292.31	.	.	.	.	.	.	.
		S.E.	1.98	.	.	.	.	.	.	.
		N	1276	2	15	9	5	7	0	0



Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories								
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Military Science	PUBLIC/NONPUBLIC SCHOOL										
	Public	Mean	292.79	.	273.76	282.16	278.70	293.12	.	.	
		S.E.	1.10	.	5.99	7.23	7.48	5.76	.	.	
		N	4316	13	74	45	32	40	3	8	
	Nonpublic	Mean	306.98	.	.	.	.	.	.	.	
		S.E.	3.15	.	.	.	.	.	.	.	
		N	213	0	0	0	0	0	0	0	
	CENSUS REGION										
	Northeast	Mean	289.97	.	.	.	.	.	.	.	
		S.E.	2.82	.	.	.	.	.	.	.	
		N	495	0	1	0	0	0	0	0	
	South	Mean	293.45	.	273.50	278.57	.	292.93	.	.	
		S.E.	1.65	.	7.44	6.92	.	6.86	.	.	
		N	1843	7	50	34	16	34	3	8	
	Midwest	Mean	298.63	.	.	.	.	.	.	.	
S.E.		2.06	.	.	.	.	.	.	.		
N		852	1	7	4	3	1	0	0		
West	Mean	292.43	.	.	.	.	.	.	.		
	S.E.	1.86	.	.	.	.	.	.	.		
	N	1339	5	16	7	13	5	0	0		

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Special Education	ALL GRADUATES	Mean	295.06	274.75	269.34	.	.	.	.	.
		S.E.	1.05	6.49	9.49	.	.	.	.	.
		N	4550	55	54	21	14	12	9	29
		GENDER								
		Male	Mean	288.21	.	.	.	.	.	.
			S.E.	1.59	.	.	.	.	.	.
			N	2125	29	28	14	11	6	5
		Female	Mean	301.37	.	.	.	.	.	.
			S.E.	1.05	.	.	.	.	.	.
			N	2425	26	26	7	3	6	4
		RACE/ETHNICITY								
		White	Mean	300.55	.	.	.	.	.	.
			S.E.	1.15	.	.	.	.	.	.
			N	2806	27	24	15	9	6	3
		Black	Mean	278.04	.	.	.	.	.	.
			S.E.	1.86	.	.	.	.	.	.
			N	770	16	21	2	3	2	1
		Hispanic	Mean	279.96	.	.	.	.	.	.
			S.E.	2.54	.	.	.	.	.	.
			N	641	6	7	3	2	2	4
		Asian/Pacific Islander	Mean	293.14	.	.	.	.	.	.
			S.E.	2.70	.	.	.	.	.	.
		N	294	6	2	1	0	2	1	
	Native American	Mean	273.36	.	.	.	.	.	.	
		S.E.	7.13	.	.	.	.	.	.	
		N	38	0	0	0	0	0	0	
	Other	Mean	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	
		N	1	0	0	0	0	0	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Special Education	STUDENT PROGRAM									
	Academic	Mean	299.33	279.49	279.24	.	.	.	.	.
		S.E.	1.08	7.36	17.03	.	.	.	.	.
		N	3292	39	36	10	6	5	5	16
	Vocational	Mean	267.05	.	.	.	.	.	.	.
		S.E.	3.93	.	.	.	.	.	.	.
		N	120	3	3	0	1	1	2	3
	Both	Mean	287.13	.	.	.	.	.	.	.
		S.E.	1.48	.	.	.	.	.	.	.
		N	910	10	13	9	4	3	0	6
	Neither	Mean	272.61	.	.	.	.	.	.	.
		S.E.	2.89	.	.	.	.	.	.	.
		N	228	3	2	2	3	3	2	4
	COMMUNITY TYPE									
	Urban	Mean	298.84	.	.	.	.	.	.	.
		S.E.	2.22	.	.	.	.	.	.	.
		N	1461	21	28	5	3	1	0	6
	Suburban	Mean	293.54	.	.	.	.	.	.	.
		S.E.	1.74	.	.	.	.	.	.	.
		N	1808	27	19	9	10	9	8	15
	Rural	Mean	293.69	.	.	.	.	.	.	.
		S.E.	1.74	.	.	.	.	.	.	.
		N	1281	7	7	7	1	2	1	8

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		0	Credits Earned Categories								
			.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00		
Special Education	PUBLIC/NONPUBLIC SCHOOL										
		Public	Mean	293.92	274.75	269.34	.	.	.	.	.
			S.E.	1.07	6.49	9.49	.	.	.	.	.
			N	4337	55	54	21	14	12	9	29
		Nonpublic	Mean	306.98	.	.	.	.	.	.	.
			S.E.	3.15	.	.	.	.	.	.	.
			N	213	0	0	0	0	0	0	0
	CENSUS REGION										
		Northeast	Mean	291.84	.	.	.	.	.	.	.
			S.E.	2.80	.	.	.	.	.	.	.
			N	485	3	0	2	1	1	0	4
		South	Mean	293.48	.	.	.	.	.	.	.
		S.E.	1.54	.	.	.	.	.	.	.	
		N	1933	22	19	11	2	0	1	7	
	Midwest	Mean	299.74	.	.	.	.	.	.	.	
		S.E.	2.15	.	.	.	.	.	.	.	
		N	821	9	27	1	3	3	2	2	
	West	Mean	294.32	.	.	.	.	.	.	.	
		S.E.	1.75	.	.	.	.	.	.	.	
		N	1311	21	8	7	8	8	6	16	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
All Courses Other Than Above	ALL GRADUATES	Mean	293.80	.	.	.	.	.	.	.
		S.E.	1.06	.	.	.	.	.	.	.
		N	4682	25	21	12	1	1	0	2
		GENDER								
		Male	Mean	286.93	.	.	.	.	.	.
			S.E.	1.66	.	.	.	.	.	.
			N	2205	14	8	6	1	0	0
		Female	Mean	300.16	.	.	.	.	.	.
			S.E.	1.10	.	.	.	.	.	.
			N	2477	11	13	6	0	1	0
		RACE/ETHNICITY								
		White	Mean	299.25	.	.	.	.	.	.
			S.E.	1.22	.	.	.	.	.	.
			N	2866	19	13	5	1	1	0
		Black	Mean	277.14	.	.	.	.	.	.
			S.E.	1.82	.	.	.	.	.	.
			N	813	3	3	0	0	0	0
		Hispanic	Mean	279.10	.	.	.	.	.	.
			S.E.	2.58	.	.	.	.	.	.
			N	660	3	4	5	0	0	0
		Asian/Pacific Islander	Mean	291.29	.	.	.	.	.	.
			S.E.	3.23	.	.	.	.	.	.
			N	303	0	1	2	0	0	0
	Native American	Mean	272.77	.	.	.	.	.	.	
		S.E.	7.10	.	.	.	.	.	.	
		N	39	0	0	0	0	0	0	
	Other	Mean	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	
		N	1	0	0	0	0	0	0	

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories						
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00
All Courses Other Than Above									
	STUDENT PROGRAM								
	Academic	Mean 298.41 S.E. 1.09 N 3375	.	.	.	.	.	.	.
			12	15	7	0	0	0	0
	Vocational	Mean 263.92 S.E. 4.07 N 129	.	.	.	.	.	.	.
			4	0	0	0	0	0	0
	Both	Mean 285.24 S.E. 1.77 N 939	.	.	.	.	.	.	.
			7	5	2	1	1	0	0
	Neither	Mean 271.67 S.E. 2.90 N 239	.	.	.	.	.	.	.
			2	1	3	0	0	0	2
	COMMUNITY TYPE								
	Urban	Mean 297.93 S.E. 2.23 N 1512	.	.	.	.	.	.	.
			4	6	3	0	0	0	0
	Suburban	Mean 292.39 S.E. 1.74 N 1887	.	.	.	.	.	.	.
			4	6	5	0	1	0	2
	Rural	Mean 292.02 S.E. 2.02 N 1283	.	.	.	.	.	.	.
			17	9	4	1	0	0	0

Table 107.—NAEP reading proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field			Credits Earned Categories						
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00
All Courses Other Than Above		PUBLIC/NONPUBLIC SCHOOL							
	Public	Mean 292.58 S.E. 1.11 N 4469	.	.	.	.	.	.	.
			25	21	12	1	1	0	2
	Nonpublic	Mean 306.98 S.E. 3.15 N 213	.	.	.	.	.	.	.
			0	0	0	0	0	0	0
		CENSUS REGION							
	Northeast	Mean 289.97 S.E. 2.85 N 493	.	.	.	.	.	.	.
			0	1	2	0	0	0	0
	South	Mean 292.85 S.E. 1.66 N 1964	.	.	.	.	.	.	.
			12	10	7	1	1	0	0
	Midwest	Mean 298.28 S.E. 2.08 N 862	.	.	.	.	.	.	.
			3	3	0	0	0	0	0
	West	Mean 292.78 S.E. 1.88 N 1363	.	.	.	.	.	.	.
			10	7	3	0	0	0	2

NOTE: Means and standard errors based on less than 30 observations have been set to missing (.). Furthermore, users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 108.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories

Core Curriculum Categories		Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Mean	304.60	291.46
	S.E.	1.57	1.12
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Mean	301.50	291.62
	S.E.	1.55	1.14
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Mean	306.75	281.83
	S.E.	1.12	1.26
4 English + 3 Social Studies + 3 Science + 3 Mathematics	Mean	302.40	281.05
	S.E.	1.21	1.46
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Mean	297.01	282.09
	S.E.	1.09	2.39



Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	ALL GRADUATES	Mean	304.60	291.46
		S.E.	1.57	1.12
		N	747	3997
GENDER				
	Male	Mean	300.01	283.81
		S.E.	3.20	1.44
		N	354	1881
	Female	Mean	309.42	298.37
		S.E.	2.01	1.26
		N	393	2116
RACE/ETHNICITY				
	White	Mean	308.71	297.18
		S.E.	1.68	1.36
		N	456	2450
	Black	Mean	292.76	273.61
		S.E.	3.25	1.75
		N	135	684
	Hispanic	Mean	294.41	276.15
		S.E.	9.35	2.54
		N	90	583
	Asian/Pacific Islander	Mean	298.55	289.48
		S.E.	3.81	3.61
		N	59	247
	Native American	Mean	.	271.65
		S.E.	.	8.68
		N	7	32
	Other	Mean	.	.
		S.E.	.	.
		N	0	1

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language		STUDENT PROGRAM		
	Academic	Mean	305.74	296.55
		S.E.	1.63	1.10
		N	623	2786
	Vocational	Mean	.	264.31
		S.E.	.	3.96
		N	0	133
	Both	Mean	297.53	283.29
		S.E.	3.71	1.96
		N	124	831
	Neither	Mean	.	270.82
		S.E.	.	2.90
		N	0	247
		COMMUNITY TYPE		
	Urban	Mean	306.82	295.27
		S.E.	2.64	2.26
		N	296	1229
	Suburban	Mean	300.55	290.97
		S.E.	3.29	1.89
		N	234	1671
	Rural	Mean	305.55	289.10
		S.E.	2.56	2.50
		N	217	1097

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	303.17	290.42
		S.E.	1.58	1.27
		N	694	3837
	Nonpublic	Mean	313.57	304.53
		S.E.	7.11	3.67
		N	53	160
		CENSUS REGION		
	Northeast	Mean	294.95	288.93
		S.E.	5.04	3.61
		N	83	413
	South	Mean	304.72	288.62
		S.E.	2.08	1.78
		N	429	1566
	Midwest	Mean	310.45	296.30
		S.E.	2.92	2.13
		N	133	735
	West	Mean	306.44	291.41
		S.E.	3.92	2.02
		N	102	1283

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	ALL GRADUATES	Mean	301.50	291.62
		S.E.	1.55	1.14
		N	920	3824
GENDER				
	Male	Mean	297.95	283.50
		S.E.	2.91	1.44
		N	447	1788
	Female	Mean	305.30	298.87
		S.E.	1.91	1.27
		N	473	2036
RACE/ETHNICITY				
	White	Mean	306.91	297.10
		S.E.	1.52	1.41
		N	548	2358
	Black	Mean	283.72	274.89
		S.E.	2.97	1.83
		N	187	632
	Hispanic	Mean	291.37	276.23
		S.E.	8.51	2.53
		N	111	562
	Asian/Pacific Islander	Mean	296.49	289.76
		S.E.	4.32	3.90
		N	65	241
	Native American	Mean	.	271.21
		S.E.	.	8.90
		N	9	30
	Other	Mean	.	.
		S.E.	.	.
		N	0	1

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer		STUDENT PROGRAM		
	Academic	Mean	303.15	296.86
		S.E.	1.65	1.14
		N	747	2662
	Vocational	Mean	.	264.31
		S.E.	.	3.96
		N	0	133
	Both	Mean	292.75	283.42
		S.E.	3.49	2.13
		N	173	782
	Neither	Mean	.	270.82
		S.E.	.	2.90
		N	0	247
		COMMUNITY TYPE		
	Urban	Mean	302.28	296.30
		S.E.	3.22	2.29
		N	360	1165
	Suburban	Mean	296.40	291.42
		S.E.	3.35	1.89
		N	277	1628
	Rural	Mean	304.57	288.15
		S.E.	2.75	2.66
		N	283	1031

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	300.12	290.57
		S.E.	1.49	1.25
		N	858	3673
	Nonpublic	Mean	310.27	305.36
		S.E.	3.95	3.76
		N	62	151
		CENSUS REGION		
	Northeast	Mean	292.79	289.30
		S.E.	5.12	3.61
		N	91	405
	South	Mean	299.15	289.72
		S.E.	2.32	1.85
		N	531	1464
	Midwest	Mean	309.04	295.73
		S.E.	2.88	2.14
		N	178	690
	West	Mean	306.60	291.11
		S.E.	4.05	2.02
		N	120	1265

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	ALL GRADUATES	Mean	306.75	281.83
		S.E.	1.12	1.26
		N	2223	2521
GENDER				
	Male	Mean	301.55	274.82
		S.E.	1.78	1.41
		N	955	1280
	Female	Mean	311.02	289.10
		S.E.	1.28	1.69
		N	1268	1241
RACE/ETHNICITY				
	White	Mean	311.25	287.45
		S.E.	1.19	1.64
		N	1435	1471
	Black	Mean	289.92	267.81
		S.E.	2.80	1.99
		N	331	488
	Hispanic	Mean	294.83	269.51
		S.E.	4.56	2.40
		N	240	433
	Asian/Pacific Islander	Mean	300.24	273.76
		S.E.	3.70	3.79
		N	199	107
	Native American	Mean	.	.
		S.E.	.	.
		N	17	22
	Other	Mean	.	.
		S.E.	.	.
		N	1	0

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language		STUDENT PROGRAM		
	Academic	Mean	307.92	286.70
		S.E.	1.13	1.31
		N	1857	1552
	Vocational	Mean	.	264.31
		S.E.	.	3.96
		N	0	133
	Both	Mean	299.82	276.42
		S.E.	2.25	2.18
		N	366	589
	Neither	Mean	.	270.82
		S.E.	.	2.90
		N	0	247
		COMMUNITY TYPE		
	Urban	Mean	308.39	284.61
		S.E.	1.89	2.99
		N	812	713
	Suburban	Mean	304.75	281.41
		S.E.	2.01	2.26
		N	865	1040
	Rural	Mean	307.54	280.54
		S.E.	2.40	2.98
		N	546	768



Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	306.01	280.63
		S.E.	1.18	1.31
		N	2086	2445
	Nonpublic	Mean	313.17	298.47
		S.E.	2.42	3.83
		N	137	76
		CENSUS REGION		
	Northeast	Mean	301.99	278.34
		S.E.	3.75	6.30
		N	246	250
	South	Mean	305.09	274.60
		S.E.	1.50	2.01
		N	1131	864
	Midwest	Mean	312.73	288.73
		S.E.	1.95	2.02
		N	341	527
	West	Mean	307.83	283.40
		S.E.	2.40	2.08
		N	505	880

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics	ALL GRADUATES	Mean	302.40	281.05
		S.E.	1.21	1.46
		N	2765	1979
GENDER				
	Male	Mean	296.99	272.81
		S.E.	1.72	1.61
		N	1253	982
	Female	Mean	307.16	289.30
		S.E.	1.50	1.60
		N	1512	997
RACE/ETHNICITY				
	White	Mean	307.24	286.58
		S.E.	1.47	1.88
		N	1758	1148
	Black	Mean	282.78	269.23
		S.E.	2.43	2.48
		N	470	349
	Hispanic	Mean	291.75	268.73
		S.E.	4.26	2.59
		N	290	383
	Asian/Pacific Islander	Mean	298.49	269.96
		S.E.	3.67	5.30
		N	224	82
	Native American	Mean	.	.
		S.E.	.	.
		N	22	17
	Other	Mean	.	.
		S.E.	.	.
		N	1	0

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold	
4 English + 3 Social Studies + 3 Science + 3 Mathematics	STUDENT PROGRAM				
	Academic	Mean	304.85	286.12	
		S.E.	1.13	1.62	
		N	2202	1207	
	Vocational	Mean	.	264.31	
		S.E.	.	3.96	
		N	0	133	
	Both	Mean	291.42	276.31	
		S.E.	2.62	2.38	
		N	563	392	
	Neither	Mean	.	270.82	
		S.E.	.	2.90	
		N	0	247	
	COMMUNITY TYPE				
	Urban	Mean	304.74	284.55	
		S.E.	2.08	3.06	
N		972	553		
Suburban	Mean	300.70	281.51		
	S.E.	2.02	2.88		
	N	1044	861		
Rural	Mean	302.10	278.15		
	S.E.	2.93	2.70		
	N	749	565		

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	301.53	279.78
		S.E.	1.27	1.41
		N	2611	1920
	Nonpublic	Mean	310.41	299.53
		S.E.	2.77	4.30
		N	154	59
		CENSUS REGION		
	Northeast	Mean	296.38	281.76
		S.E.	4.67	4.53
		N	280	216
	South	Mean	298.88	274.46
		S.E.	1.64	2.17
		N	1429	566
	Midwest	Mean	310.39	285.44
		S.E.	1.45	2.58
		N	439	429
	West	Mean	305.85	280.74
		S.E.	2.32	2.37
		N	617	768

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 2 Science + 2 Mathematics	ALL GRADUATES	Mean	297.01	282.09
		S.E.	1.09	2.39
		N	3730	1014
GENDER				
	Male	Mean	290.84	273.60
		S.E.	1.72	2.33
		N	1722	513
	Female	Mean	302.51	291.09
		S.E.	1.21	2.55
		N	2008	501
RACE/ETHNICITY				
	White	Mean	302.45	287.81
		S.E.	1.25	2.93
		N	2286	620
	Black	Mean	279.33	268.31
		S.E.	2.11	3.32
		N	644	175
	Hispanic	Mean	283.59	265.71
		S.E.	2.96	4.40
		N	499	174
	Asian/Pacific Islander	Mean	294.47	269.67
		S.E.	2.78	10.76
		N	266	40
	Native American	Mean	276.86	.
		S.E.	7.84	.
		N	34	5
	Other	Mean	.	.
		S.E.	.	.
		N	1	0

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold	
4 English + 3 Social Studies + 2 Science + 2 Mathematics	STUDENT PROGRAM				
	Academic	Mean	300.10	290.03	
		S.E.	1.14	3.09	
		N	2863	546	
	Vocational	Mean	.	264.55	
		S.E.	.	4.56	
		N	23	110	
	Both	Mean	286.94	276.57	
		S.E.	1.99	3.18	
		N	789	166	
	Neither	Mean	272.23	270.48	
		S.E.	5.50	3.46	
		N	55	192	
	COMMUNITY TYPE				
	Urban	Mean	299.56	289.47	
		S.E.	2.42	4.32	
N		1278	247		
Suburban	Mean	296.47	280.19		
	S.E.	1.74	4.53		
	N	1438	467		
Rural	Mean	295.31	280.27		
	S.E.	2.06	3.86		
	N	1014	300		

Table 109.—NAEP reading proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold	
4 English + 3 Social Studies + 2 Science + 2 Mathematics	PUBLIC/NONPUBLIC SCHOOL				
	Public	Mean	295.97	280.50	
		S.E.	1.08	2.33	
		N	3551	980	
	Nonpublic	Mean	307.63	304.05	
		S.E.	3.40	4.14	
		N	179	34	
	CENSUS REGION				
	Northeast	Mean	291.64	285.46	
		S.E.	3.64	6.64	
		N	387	109	
	South	Mean	295.48	274.43	
		S.E.	1.71	3.06	
		N	1676	319	
	Midwest	Mean	303.80	286.39	
S.E.		1.60	4.27		
N		599	269		
West	Mean	296.18	278.80		
	S.E.	1.85	3.98		
	N	1068	317		

NOTE: Users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 110.—NAEP reading proficiency estimates of 1998 graduates by grade point average by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region

		GPA Categories						
		A	B	C	D	F	Other	Missing
ALL GRADUATES	Mean	321.89	294.71	269.85	.	.	.	.
	S.E.	1.56	1.39	1.74	.	.	.	.
	N	881	2641	1206	16	0	0	0
GENDER								
Male	Mean	317.03	289.27	267.15	.	.	.	.
	S.E.	2.46	1.92	1.54	.	.	.	.
	N	331	1200	690	14	0	0	0
Female	Mean	324.92	299.49	273.59	.	.	.	.
	S.E.	1.60	1.46	2.84	.	.	.	.
	N	550	1441	516	2	0	0	0
RACE/ETHNICITY								
White	Mean	323.64	298.97	274.52	.	.	.	.
	S.E.	1.62	1.43	2.57	.	.	.	.
	N	665	1643	592	6	0	0	0
Black	Mean	309.48	283.42	262.88	.	.	.	.
	S.E.	4.33	2.57	2.29	.	.	.	.
	N	56	433	320	10	0	0	0
Hispanic	Mean	309.78	282.58	263.00	.	.	.	.
	S.E.	6.79	2.68	2.79	.	.	.	.
	N	67	378	228	0	0	0	0
Asian/Pacific Islander	Mean	319.60	288.59	251.80	.	.	.	.
	S.E.	3.69	2.90	3.77	.	.	.	.
	N	88	169	49	0	0	0	0
Native American	Mean	.	.	.	.	.	.	.
	S.E.	.	.	.	.	.	.	.
	N	5	17	17	0	0	0	0
Other	Mean	.	.	.	.	.	.	.
	S.E.	.	.	.	.	.	.	.
	N	0	1	0	0	0	0	0



Table 110.—NAEP reading proficiency estimates of 1998 graduates by grade point average by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

		GPA Categories						
		A	B	C	D	F	Other	Missing
STUDENT PROGRAM								
Academic	Mean	323.98	297.47	273.14	.	.	.	.
	S.E.	1.50	1.41	1.60	.	.	.	.
	N	758	1900	742	9	0	0	0
Vocational	Mean	.	266.65	262.84	.	.	.	.
	S.E.	.	7.11	5.04	.	.	.	.
	N	4	54	75	0	0	0	0
Both	Mean	310.55	289.99	266.13	.	.	.	.
	S.E.	4.00	2.09	3.57	.	.	.	.
	N	112	567	272	4	0	0	0
Neither	Mean	.	278.42	261.31	.	.	.	.
	S.E.	.	3.47	4.56	.	.	.	.
	N	7	120	117	3	0	0	0
COMMUNITY TYPE								
Urban	Mean	326.40	298.85	273.28	.	.	.	.
	S.E.	1.99	2.36	2.62	.	.	.	.
	N	277	817	423	8	0	0	0
Suburban	Mean	323.50	295.09	268.72	.	.	.	.
	S.E.	2.70	1.84	2.35	.	.	.	.
	N	307	1065	527	6	0	0	0
Rural	Mean	317.20	290.79	268.37	.	.	.	.
	S.E.	2.76	2.43	5.51	.	.	.	.
	N	297	759	256	2	0	0	0

Table 110.—NAEP reading proficiency estimates of 1998 graduates by grade point average by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

		GPA Categories							
		A	B	C	D	F	Other	Missing	
PUBLIC/NONPUBLIC SCHOOL									
Public	Mean	321.56	293.58	268.78	.	.	.	.	
	S.E.	1.60	1.34	1.88	.	.	.	.	
	N	825	2521	1169	16	0	0	0	
Nonpublic	Mean	324.72	306.65	285.56	.	.	.	.	
	S.E.	6.16	3.84	5.76	.	.	.	.	
	N	56	120	37	0	0	0	0	
CENSUS REGION									
Northeast	Mean	322.41	298.14	267.92	.	.	.	.	
	S.E.	4.44	3.81	4.83	.	.	.	.	
	N	61	227	200	8	0	0	0	
South	Mean	319.67	292.20	268.20	.	.	.	.	
	S.E.	2.01	2.37	2.54	.	.	.	.	
	N	373	1178	436	8	0	0	0	
Midwest	Mean	324.35	298.29	275.16	.	.	.	.	
	S.E.	3.38	2.75	3.11	.	.	.	.	
	N	185	420	263	0	0	0	0	
West	Mean	321.40	292.72	267.21	.	.	.	.	
	S.E.	2.56	1.57	2.32	.	.	.	.	
	N	262	816	307	0	0	0	0	

NOTE: Means and standard errors based on less than 30 observations have been set to missing (.). Furthermore, users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 111.—NAEP writing proficiency estimates of 1998 graduates by credits earned in subject areas

Subject Field		Credits Earned Categories							
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Mathematics	Mean	.	.	121.36	134.01	144.21	158.00	165.97	167.45
	S.E.	.	.	6.27	2.36	1.14	1.43	2.14	4.16
	N	4	0	43	556	2523	3061	1040	179
Science	Mean	.	.	130.04	135.68	149.59	163.56	173.52	171.68
	S.E.	.	.	4.85	1.68	1.06	1.29	1.87	3.06
	N	11	5	125	1544	3025	1974	552	170
English	Mean	.	.	117.92	123.83	143.07	151.83	157.68	161.87
	S.E.	.	.	10.38	3.72	3.24	1.13	1.64	3.52
	N	0	9	30	123	561	4392	1761	530
Social Studies	Mean	.	.	.	142.91	149.24	154.15	155.03	160.94
	S.E.	.	.	.	6.98	1.88	1.24	1.71	3.12
	N	0	0	5	145	2680	3008	1166	402
Fine Arts	Mean	144.34	147.80	149.79	153.46	156.05	161.29	163.84	165.30
	S.E.	1.36	1.89	2.16	1.63	1.73	1.77	2.48	2.31
	N	1500	558	1679	1405	758	626	348	532
Foreign Languages	Mean	124.78	133.29	144.26	154.39	166.50	172.13	168.74	133.59
	S.E.	1.69	2.81	1.89	1.25	2.00	1.58	6.64	5.48
	N	1268	170	905	2588	1434	783	145	113
Computer-related Studies	Mean	151.72	154.72	154.88	151.35	146.05	142.86	.	.
	S.E.	1.50	1.73	1.99	2.08	2.23	4.03	.	.
	N	2537	1679	1654	1092	331	84	18	11
Consumer & Homemaking Education	Mean	156.64	153.15	146.35	142.85	140.91	132.52	.	.
	S.E.	1.44	1.62	1.46	1.79	2.80	6.28	.	.
	N	4240	1158	1040	687	199	61	14	6

Table 111.—NAEP writing proficiency estimates of 1998 graduates by credits earned in subject areas  
(Continued)

Subject Field		Credits Earned Categories							
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
General Labor Market Preparation	Mean	159.90	153.46	148.18	136.85	132.96	125.71	.	.
	S.E.	1.83	1.22	1.27	2.09	2.83	6.51	.	.
	N	2922	1825	1695	727	151	49	18	17
Specific Labor Market Preparation	Mean	168.33	163.13	161.17	155.50	148.00	141.56	137.18	135.13
	S.E.	2.26	2.03	2.47	1.51	1.34	2.05	2.07	2.74
	N	1043	642	1053	1325	1014	781	566	982
General Skills	Mean	152.56	154.88	150.63	154.09	154.97	146.85	147.26	.
	S.E.	1.18	1.85	1.99	2.56	3.97	6.33	8.98	.
	N	4631	1009	877	568	190	78	33	18
Personal Health & Physical Education	Mean	158.12	166.11	155.47	154.81	149.91	151.30	146.18	140.60
	S.E.	7.68	4.61	1.91	1.52	1.24	4.09	2.93	3.01
	N	37	288	1008	2368	2114	1012	378	197
Religion	Mean	150.78	161.29	153.13	161.13	175.12	171.66	.	.
	S.E.	0.89	7.84	7.54	7.51	12.66	8.33	.	.
	N	6968	47	53	55	103	171	8	1
Military Science	Mean	153.32	.	132.36	142.07	138.21	141.51	.	.
	S.E.	1.08	.	4.08	4.73	4.10	5.12	.	.
	N	7042	25	120	68	84	43	12	12
Special Education	Mean	154.32	138.51	120.05	111.14	.	102.54	.	95.60
	S.E.	1.03	4.21	4.29	7.10	.	5.20	.	5.58
	N	7094	64	79	38	29	32	18	52
All Courses Other Than Above	Mean	152.79	149.72	150.58	.	.	.	.	.
	S.E.	1.07	3.88	6.68	.	.	.	.	.
	N	7264	69	40	22	4	3	3	1

NOTE: Means and standard errors based on less than 30 observations have been set to missing (.). Furthermore, users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Mathematics	ALL GRADUATES	Mean	.	.	121.36	134.01	144.21	158.00	165.97	167.45	
		S.E.	.	.	6.27	2.36	1.14	1.43	2.14	4.16	
		N	4	0	43	556	2523	3061	1040	179	
		GENDER									
		Male	Mean	.	.	.	121.76	132.92	149.88	158.99	163.58
			S.E.	.	.	.	2.69	1.37	2.98	2.67	5.35
			N	2	0	22	271	1225	1446	452	79
		Female	Mean	.	.	.	145.82	154.31	165.66	171.33	170.52
			S.E.	.	.	.	3.24	1.36	1.46	2.80	5.09
			N	2	0	21	284	1298	1615	588	100
		RACE/ETHNICITY									
		White	Mean	.	.	.	137.50	148.25	162.82	171.49	180.04
			S.E.	.	.	.	2.94	1.43	1.44	2.57	4.51
			N	4	0	29	325	1525	1889	624	94
		Black	Mean	.	.	.	123.67	132.36	142.26	145.94	135.98
			S.E.	.	.	.	3.67	1.74	2.32	3.98	7.61
			N	0	0	3	106	463	551	173	31
		Hispanic	Mean	.	.	.	129.22	135.28	146.81	149.37	137.13
			S.E.	.	.	.	3.71	2.17	3.53	5.41	8.64
			N	0	0	7	84	381	387	149	31
		Asian/Pacific Islander	Mean	.	.	.	.	142.71	155.71	169.57	.
			S.E.	.	.	.	.	4.17	4.86	3.38	.
			N	0	0	3	24	129	203	84	21
		Native American	Mean	.	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.	.
			N	0	0	1	15	24	28	10	2
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	2	1	3	0	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Mathematics	STUDENT PROGRAM									
	Academic	Mean	.	.	.	141.43	150.33	161.20	168.21	168.17
		S.E.	.	.	.	2.57	1.18	1.50	2.49	4.35
		N	0	0	6	206	1594	2441	882	155
	Vocational	Mean	.	.	.	119.93	119.91	.	.	.
		S.E.	.	.	.	3.84	3.12	.	.	.
		N	2	0	19	103	104	18	0	0
	Both	Mean	.	.	.	131.99	135.01	144.49	152.68	.
		S.E.	.	.	.	3.65	1.98	2.42	4.29	.
		N	0	0	1	95	677	576	156	24
	Neither	Mean	.	.	.	135.66	131.68	.	.	.
		S.E.	.	.	.	6.54	3.32	.	.	.
N		2	0	17	152	148	26	2	0	
COMMUNITY TYPE										
Urban	Mean	.	.	.	135.61	145.18	159.64	168.92	168.41	
	S.E.	.	.	.	4.62	2.36	3.49	4.78	5.61	
	N	0	0	3	133	709	1063	473	67	
Suburban	Mean	.	.	.	140.74	144.48	158.72	162.13	168.64	
	S.E.	.	.	.	4.31	1.68	1.67	3.28	7.48	
	N	1	0	18	221	965	1243	371	83	
Rural	Mean	.	.	.	127.71	143.28	155.19	165.93	.	
	S.E.	.	.	.	2.86	2.25	1.97	3.16	.	
	N	3	0	22	202	849	755	196	29	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Mathematics	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	.	.	121.36	131.49	143.75	156.23	163.38	166.73
		S.E.	.	.	6.27	1.95	1.11	1.08	1.71	4.26
		N	4	0	43	539	2476	2924	927	177
	Nonpublic	Mean	.	.	.	.	155.57	175.61	175.86	.
		S.E.	.	.	.	.	7.06	5.48	10.05	.
		N	0	0	0	17	47	137	113	2
	CENSUS REGION									
	Northeast	Mean	.	.	.	141.64	143.46	156.02	159.68	.
		S.E.	.	.	.	8.21	3.34	2.84	3.30	.
		N	0	0	9	72	269	344	151	27
	South	Mean	.	.	.	132.91	139.78	155.00	165.17	170.04
		S.E.	.	.	.	4.83	1.73	3.23	2.99	4.56
		N	1	0	8	129	1021	1269	410	83
	Midwest	Mean	.	.	.	127.93	147.21	161.73	169.66	177.00
S.E.		.	.	.	4.15	2.44	2.28	3.34	9.78	
N		3	0	10	145	517	679	252	38	
West	Mean	.	.	.	136.65	147.73	160.11	169.98	166.41	
	S.E.	.	.	.	3.02	2.10	1.93	5.02	8.76	
	N	0	0	16	210	716	769	227	31	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Science	ALL GRADUATES	Mean	.	.	130.04	135.68	149.59	163.56	173.52	171.68	
		S.E.	.	.	4.85	1.68	1.06	1.29	1.87	3.06	
		N	11	5	125	1544	3025	1974	552	170	
		GENDER									
		Male	Mean	.	.	115.51	126.29	138.79	156.70	163.91	161.27
			S.E.	.	.	4.52	1.96	1.80	2.61	2.56	4.53
			N	8	3	60	773	1398	941	232	82
		Female	Mean	.	.	141.87	144.71	158.84	170.10	180.58	182.20
			S.E.	.	.	6.40	1.87	1.27	1.33	2.52	4.12
			N	3	2	65	770	1627	1033	320	88
		RACE/ETHNICITY									
		White	Mean	.	.	135.18	139.69	155.13	166.76	175.25	173.60
			S.E.	.	.	6.37	2.18	1.27	1.34	2.39	3.58
			N	5	2	68	865	1778	1313	352	107
		Black	Mean	.	.	.	126.47	132.88	148.06	167.20	.
			S.E.	.	.	.	1.77	1.34	2.06	4.78	.
			N	4	2	24	240	652	309	78	18
		Hispanic	Mean	.	.	.	128.89	140.79	156.28	166.45	.
			S.E.	.	.	.	2.29	2.57	5.31	7.18	.
			N	2	0	27	358	390	178	61	23
		Asian/Pacific Islander	Mean	.	.	.	129.56	143.77	160.45	174.53	.
			S.E.	.	.	.	3.72	5.15	3.08	5.99	.
			N	0	0	3	61	163	158	57	22
		Native American	Mean	.	.	.	.	137.68	.	.	.
			S.E.	.	.	.	.	6.99	.	.	.
			N	0	1	3	19	41	15	1	0
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	1	1	1	3	0	



Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Science	STUDENT PROGRAM									
	Academic	Mean	.	.	.	142.62	154.03	165.84	174.87	172.68
		S.E.	.	.	.	1.78	1.12	1.37	2.09	3.12
		N	1	0	28	800	2160	1679	456	160
	Vocational	Mean	.	.	122.67	120.49	119.85	.	.	.
		S.E.	.	.	6.17	3.84	6.69	.	.	.
		N	6	3	33	169	32	3	0	0
	Both	Mean	.	.	.	130.59	137.94	149.59	166.88	.
		S.E.	.	.	.	2.39	1.75	2.86	4.42	.
		N	1	1	28	350	758	285	96	10
	Neither	Mean	.	.	133.17	130.86	134.74	.	.	.
		S.E.	.	.	13.32	2.44	5.14	.	.	.
		N	3	1	36	225	75	7	0	0
	COMMUNITY TYPE									
	Urban	Mean	.	.	118.46	138.05	152.19	166.93	180.81	173.93
		S.E.	.	.	6.76	3.05	1.93	3.02	2.70	6.18
		N	4	3	31	475	938	729	200	68
	Suburban	Mean	.	.	137.61	138.75	150.20	162.70	171.43	169.46
		S.E.	.	.	7.02	2.82	2.02	2.03	3.11	4.13
		N	7	2	69	601	1188	755	211	69
	Rural	Mean	.	.	.	130.87	146.68	160.79	169.01	172.31
		S.E.	.	.	.	2.96	1.66	1.69	3.52	5.88
		N	0	0	25	468	899	490	141	33

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Science	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	.	.	126.81	134.29	148.31	160.86	171.70	171.32
		S.E.	.	.	4.27	1.69	0.99	1.11	1.85	3.06
		N	11	4	120	1484	2936	1837	530	168
	Nonpublic	Mean	.	.	.	151.24	168.64	181.14	.	.
		S.E.	.	.	.	4.53	6.30	3.73	.	.
		N	0	1	5	60	89	137	22	2
	CENSUS REGION									
	Northeast	Mean	.	.	.	134.91	149.40	156.82	162.28	168.19
		S.E.	.	.	.	4.16	2.40	2.84	3.18	5.44
		N	1	1	14	186	250	244	111	65
	South	Mean	.	.	.	130.19	144.30	161.70	174.46	171.08
		S.E.	.	.	.	2.01	1.81	2.82	3.07	6.69
		N	1	0	19	345	1426	854	223	53
	Midwest	Mean	.	.	124.32	134.64	153.57	166.68	181.56	178.95
		S.E.	.	.	7.74	3.68	2.40	2.43	3.38	6.12
		N	3	3	52	346	603	474	131	32
	West	Mean	.	.	133.96	140.01	155.44	170.19	179.26	.
		S.E.	.	.	8.10	2.67	1.92	2.96	5.63	.
		N	6	1	40	667	746	402	87	20

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
English	ALL GRADUATES	Mean	.	.	117.92	123.83	143.07	151.83	157.68	161.87	
		S.E.	.	.	10.38	3.72	3.24	1.13	1.64	3.52	
		N	0	9	30	123	561	4392	1761	530	
		GENDER									
		Male	Mean	.	.	.	114.41	133.83	142.84	148.40	152.07
			S.E.	.	.	.	4.56	3.32	1.85	2.96	4.97
			N	0	5	19	52	298	2147	771	205
		Female	Mean	.	.	.	132.00	153.72	160.52	164.72	168.06
			S.E.	.	.	.	5.35	3.90	1.21	1.64	3.49
			N	0	4	11	71	263	2245	989	325
		RACE/ETHNICITY									
		White	Mean	.	.	.	130.23	147.60	155.88	162.82	169.60
			S.E.	.	.	.	5.36	3.75	1.27	2.01	3.43
			N	0	4	7	55	342	2712	1076	294
		Black	Mean	.	.	.	126.84	134.89	137.04	139.84	141.96
			S.E.	.	.	.	6.81	4.37	1.64	2.92	7.03
			N	0	1	8	36	103	757	308	114
		Hispanic	Mean	.	.	.	.	126.67	144.10	144.44	143.12
			S.E.	.	.	.	.	4.88	2.25	4.21	7.27
			N	0	3	11	25	81	591	245	83
		Asian/Pacific Islander	Mean	.	.	.	.	.	151.88	156.75	169.65
			S.E.	.	.	.	.	.	3.30	8.39	8.08
			N	0	1	4	7	28	281	109	34
		Native American	Mean	.	.	.	.	.	137.28	.	.
			S.E.	.	.	.	.	.	5.91	.	.
			N	0	0	0	0	7	49	21	3
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	0	0	2	2	2	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
English	STUDENT PROGRAM									
	Academic	Mean	.	.	.	135.72	154.07	157.79	160.65	164.37
		S.E.	.	.	.	5.66	3.67	1.18	1.82	3.61
		N	0	4	11	44	311	3119	1375	420
	Vocational	Mean	.	.	.	.	119.58	121.93	.	.
		S.E.	.	.	.	.	5.03	4.06	.	.
		N	0	2	5	20	63	137	19	0
	Both	Mean	.	.	.	.	135.87	137.89	147.90	150.92
		S.E.	.	.	.	.	3.55	1.67	3.17	7.09
		N	0	0	1	18	91	964	345	110
	Neither	Mean	.	.	.	121.45	131.39	136.89	.	.
		S.E.	.	.	.	5.86	5.31	4.02	.	.
		N	0	3	13	41	96	172	22	0
	COMMUNITY TYPE									
	Urban	Mean	.	.	.	117.87	138.60	155.61	159.61	169.08
		S.E.	.	.	.	7.74	5.38	2.53	3.27	5.11
N		0	2	9	48	109	1358	718	204	
Suburban	Mean	.	.	.	.	149.16	151.13	160.48	163.83	
	S.E.	.	.	.	.	4.65	1.88	2.34	6.37	
	N	0	7	15	27	308	1832	545	168	
Rural	Mean	.	.	.	119.52	135.68	149.46	152.91	151.04	
	S.E.	.	.	.	4.54	11.66	1.50	2.33	4.55	
	N	0	0	6	48	144	1202	498	158	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
English	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	.	.	117.92	123.83	142.24	149.94	156.65	156.83
		S.E.	.	.	10.38	3.72	3.39	1.02	1.40	3.08
		N	0	9	30	123	554	4191	1685	498
	Nonpublic	Mean	.	.	.	.	.	170.82	168.88	189.67
		S.E.	.	.	.	.	.	4.75	11.61	6.64
		N	0	0	0	0	7	201	76	32
	CENSUS REGION									
	Northeast	Mean	.	.	.	.	151.21	150.92	157.05	147.93
		S.E.	.	.	.	.	6.97	1.90	5.12	9.21
		N	0	2	6	19	77	526	179	63
	South	Mean	.	.	.	123.75	139.50	148.51	157.20	164.74
		S.E.	.	.	.	4.91	3.98	2.31	2.58	5.14
		N	0	3	13	67	188	1694	679	277
	Midwest	Mean	.	.	.	.	140.98	153.63	159.67	169.62
S.E.		.	.	.	.	5.71	2.56	3.46	6.35	
N		0	1	3	19	163	938	448	72	
West	Mean	.	.	.	.	140.85	155.55	155.70	158.76	
	S.E.	.	.	.	.	5.85	1.87	3.70	6.73	
	N	0	3	8	18	133	1234	455	118	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Social Studies	ALL GRADUATES	Mean	.	.	.	142.91	149.24	154.15	155.03	160.94	
		S.E.	.	.	.	6.98	1.88	1.24	1.71	3.12	
		N	0	0	5	145	2680	3008	1166	402	
		GENDER									
		Male	Mean	.	.	.	130.04	142.60	143.90	142.90	151.80
			S.E.	.	.	.	8.14	3.71	1.71	1.81	4.11
			N	0	0	3	78	1381	1338	527	170
		Female	Mean	.	.	.	157.05	156.55	162.14	165.28	168.27
			S.E.	.	.	.	7.93	1.47	1.44	2.25	3.20
			N	0	0	2	66	1299	1670	639	232
		RACE/ETHNICITY									
		White	Mean	.	.	.	144.92	154.91	158.52	159.39	165.04
			S.E.	.	.	.	8.12	2.04	1.30	2.01	4.11
			N	0	0	0	104	1508	1866	749	263
		Black	Mean	.	.	.	.	134.49	140.93	139.22	135.15
			S.E.	.	.	.	.	2.12	2.53	2.87	3.98
			N	0	0	3	27	575	483	183	56
		Hispanic	Mean	.	.	.	.	138.85	142.05	142.15	154.41
			S.E.	.	.	.	.	3.12	2.94	4.12	7.58
			N	0	0	1	7	433	412	145	41
		Asian/Pacific Islander	Mean	.	.	.	.	157.09	150.41	150.55	165.28
			S.E.	.	.	.	.	3.79	5.12	6.30	7.81
			N	0	0	1	5	133	211	74	40
	Native American	Mean	.	.	.	.	.	138.09	.	.	
		S.E.	.	.	.	.	.	7.83	.	.	
		N	0	0	0	2	29	34	13	2	
	Other	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	0	2	2	2	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Social Studies	STUDENT PROGRAM									
	Academic	Mean	.	.	.	159.99	157.39	158.70	159.11	162.64
		S.E.	.	.	.	5.98	2.16	1.42	1.88	3.34
		N	0	0	0	63	1684	2256	927	354
	Vocational	Mean	.	.	.	.	121.44	121.82	.	.
		S.E.	.	.	.	.	3.63	4.95	.	.
		N	0	0	1	28	158	54	5	0
	Both	Mean	.	.	.	.	138.56	142.16	140.11	146.86
		S.E.	.	.	.	.	2.47	2.35	2.62	6.98
		N	0	0	2	29	621	612	219	46
	Neither	Mean	.	.	.	.	132.56	125.87	.	.
		S.E.	.	.	.	.	2.85	4.42	.	.
		N	0	0	2	25	217	86	15	2
	COMMUNITY TYPE									
	Urban	Mean	.	.	.	155.14	153.63	158.11	156.54	169.71
		S.E.	.	.	.	27.25	4.43	2.92	2.97	5.20
N		0	0	2	32	915	980	360	159	
Suburban	Mean	.	.	.	.	149.31	153.13	157.15	160.42	
	S.E.	.	.	.	.	2.47	2.04	3.44	3.98	
	N	0	0	2	29	1013	1202	506	150	
Rural	Mean	.	.	.	132.12	144.27	151.82	150.92	153.73	
	S.E.	.	.	.	3.94	2.01	1.72	2.97	4.30	
	N	0	0	1	84	752	826	300	93	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Social Studies		PUBLIC/NONPUBLIC SCHOOL								
	Public	Mean	.	.	.	134.48	146.69	152.38	153.78	160.48
		S.E.	.	.	.	3.45	1.38	1.17	1.51	3.19
		N	0	0	4	126	2554	2874	1133	399
	Nonpublic	Mean	.	.	.	.	171.46	172.76	174.03	.
		S.E.	.	.	.	.	8.86	6.00	13.22	.
		N	0	0	1	19	126	134	33	3
		CENSUS REGION								
	Northeast	Mean	.	.	.	.	141.67	152.58	152.09	154.80
		S.E.	.	.	.	.	4.50	2.73	2.57	4.91
		N	0	0	2	16	153	365	224	112
	South	Mean	.	.	.	141.69	147.54	151.87	154.92	163.51
		S.E.	.	.	.	7.51	4.44	2.17	3.46	5.12
		N	0	0	2	37	1127	1138	475	142
	Midwest	Mean	.	.	.	141.05	151.55	157.14	156.75	167.43
		S.E.	.	.	.	8.84	2.79	2.54	3.38	6.83
		N	0	0	0	81	637	614	232	80
	West	Mean	.	.	.	.	151.49	155.39	158.37	163.50
		S.E.	.	.	.	.	2.09	3.07	4.03	6.95
		N	0	0	1	11	763	891	235	68



Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Fine Arts	ALL GRADUATES	Mean	144.34	147.80	149.79	153.46	156.05	161.29	163.84	165.30	
		S.E.	1.36	1.89	2.16	1.63	1.73	1.77	2.48	2.31	
		N	1500	558	1679	1405	758	626	348	532	
		GENDER									
		Male	Mean	136.57	140.77	144.09	141.04	145.97	152.38	152.73	157.33
			S.E.	1.82	2.48	4.39	2.08	3.02	3.12	4.24	2.74
			N	846	286	886	611	303	221	124	220
		Female	Mean	155.43	155.77	156.35	162.28	162.61	166.00	170.35	170.57
			S.E.	1.94	2.69	1.61	1.72	2.12	1.91	2.76	2.78
			N	654	272	793	794	454	405	224	312
		RACE/ETHNICITY									
		White	Mean	148.58	150.30	153.86	159.70	161.96	165.35	168.17	168.17
			S.E.	1.60	2.26	2.49	1.91	1.92	1.84	2.54	2.54
			N	873	345	915	820	486	425	255	371
		Black	Mean	132.60	138.68	136.20	138.43	138.86	145.41	137.70	148.96
			S.E.	2.09	4.94	2.81	3.13	3.62	4.73	5.94	3.87
			N	361	94	293	256	120	91	35	77
		Hispanic	Mean	136.41	140.04	143.30	136.87	139.09	146.02	148.48	155.74
			S.E.	5.84	4.78	3.06	2.95	5.21	4.94	5.79	9.89
			N	157	77	297	238	99	76	40	55
		Asian/Pacific Islander	Mean	146.75	152.61	153.16	153.36	147.63	.	.	.
			S.E.	5.72	7.83	4.97	5.73	6.03	.	.	.
			N	91	32	155	75	46	27	14	24
		Native American	Mean	.	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.	.
			N	16	10	17	14	7	7	4	5
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	2	0	2	2	0	0	0	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Fine Arts	STUDENT PROGRAM									
	Academic	Mean	152.87	153.31	155.49	158.52	160.64	164.92	166.61	166.98
		S.E.	2.34	2.64	2.51	1.70	1.68	1.75	2.55	2.36
		N	871	385	1152	1032	580	502	288	474
	Vocational	Mean	116.31	120.41	121.46	121.42	.	.	.	.
		S.E.	4.41	5.17	4.57	6.53	.	.	.	.
		N	70	32	59	48	18	9	7	3
	Both	Mean	135.40	140.89	140.97	143.72	141.50	149.40	.	154.74
		S.E.	2.09	3.24	3.17	3.74	3.48	5.60	.	7.74
		N	515	115	402	251	112	78	26	30
	Neither	Mean	119.25	.	123.22	130.57	134.23	142.59	.	.
		S.E.	5.85	.	4.20	6.01	6.03	9.14	.	.
		N	44	26	66	74	48	37	27	25
	COMMUNITY TYPE									
	Urban	Mean	151.56	155.06	154.71	154.69	159.42	164.92	165.10	165.00
		S.E.	3.94	4.64	5.63	3.04	3.42	2.90	4.84	3.52
N		438	158	603	511	257	161	96	224	
Suburban	Mean	145.47	151.02	148.20	153.96	155.78	160.26	166.47	165.35	
	S.E.	2.65	2.97	2.28	2.52	2.97	2.99	3.83	3.49	
	N	497	237	690	590	285	274	142	187	
Rural	Mean	138.32	139.80	146.23	151.26	153.65	160.26	159.76	165.67	
	S.E.	1.79	2.44	2.37	2.22	2.62	3.00	4.51	4.87	
	N	565	163	386	304	216	191	110	121	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		0	Credits Earned Categories						>5.00	
			.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Fine Arts	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	143.02	145.38	146.98	151.41	154.22	159.60	162.25	164.50
		S.E.	1.20	1.82	1.42	1.58	1.67	1.63	2.50	2.31
		N	1470	535	1572	1331	725	610	331	516
	Nonpublic	Mean	172.39	.	167.67	170.69	176.55	.	.	.
		S.E.	9.07	.	10.18	7.02	11.42	.	.	.
		N	30	23	107	74	33	16	17	16
	CENSUS REGION									
	Northeast	Mean	143.72	140.25	147.60	151.21	156.68	161.98	163.47	163.76
		S.E.	3.54	4.34	2.05	3.16	4.10	4.16	7.45	6.39
		N	149	59	198	180	92	71	41	82
	South	Mean	141.92	145.85	150.23	152.12	156.10	159.59	162.62	163.77
		S.E.	2.11	4.37	5.60	3.16	2.78	3.52	3.95	2.96
		N	814	174	638	435	267	222	133	238
	Midwest	Mean	146.16	153.14	148.68	155.41	159.14	164.28	166.16	164.19
		S.E.	2.93	3.34	2.95	3.81	3.69	2.50	6.18	5.41
		N	312	168	349	326	158	178	77	76
	West	Mean	149.50	147.02	151.90	154.65	152.50	157.29	162.77	170.46
		S.E.	5.72	3.59	2.36	3.11	3.92	3.49	3.52	4.58
		N	225	157	494	464	241	155	97	136

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Foreign Languages	ALL GRADUATES	Mean	124.78	133.29	144.26	154.39	166.50	172.13	168.74	133.59	
		S.E.	1.69	2.81	1.89	1.25	2.00	1.58	6.64	5.48	
		N	1268	170	905	2588	1434	783	145	113	
		GENDER									
		Male	Mean	118.23	130.74	136.65	146.69	161.12	163.43	155.08	115.74
			S.E.	1.69	3.82	2.37	1.57	4.64	2.32	7.50	7.53
			N	779	99	462	1178	613	279	49	38
		Female	Mean	135.49	136.70	151.76	161.03	170.83	176.84	174.70	143.13
			S.E.	1.91	4.40	2.24	1.19	1.91	2.04	7.59	6.59
			N	488	71	443	1410	821	504	96	75
	RACE/ETHNICITY										
	White	Mean	128.13	136.12	150.04	157.93	169.95	176.46	188.13	169.37	
		S.E.	1.96	3.55	2.05	1.60	1.94	1.75	5.70	6.83	
		N	742	97	530	1627	873	519	66	36	
	Black	Mean	116.52	129.16	129.71	143.01	154.58	160.53	.	.	
		S.E.	2.27	4.02	3.17	2.08	3.78	5.49	.	.	
		N	336	42	171	467	193	86	26	6	
	Hispanic	Mean	119.04	.	130.77	145.59	157.44	151.53	134.09	103.83	
		S.E.	4.06	.	3.35	2.16	3.99	4.56	6.66	4.91	
		N	129	21	145	335	222	103	30	54	
	Asian/Pacific Islander	Mean	123.42	.	142.30	151.40	164.30	169.87	.	.	
		S.E.	3.86	.	8.53	4.10	4.68	5.20	.	.	
		N	39	8	41	130	135	71	23	17	
	Native American	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	21	1	18	26	11	3	0	0	
	Other	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	1	1	0	3	0	1	0	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Foreign Languages	STUDENT PROGRAM									
	Academic	Mean	130.72	134.01	147.11	156.22	168.49	173.57	175.36	146.00
		S.E.	2.15	4.85	2.21	1.46	2.00	1.60	5.89	7.07
		N	565	77	567	1952	1226	704	118	75
	Vocational	Mean	113.89	.	132.43	135.61	.	.	.	.
		S.E.	3.03	.	6.46	6.01	.	.	.	.
		N	142	9	41	36	11	2	3	2
	Both	Mean	122.67	132.25	140.05	149.17	156.31	162.67	.	.
		S.E.	2.51	3.37	2.78	2.12	4.37	3.62	.	.
		N	453	60	240	530	169	63	3	11
	Neither	Mean	121.99	.	140.54	148.16	.	.	.	.
		S.E.	3.76	.	5.01	7.60	.	.	.	.
		N	108	24	57	70	28	14	21	25
	COMMUNITY TYPE									
	Urban	Mean	129.21	132.91	143.30	155.02	170.61	174.77	153.94	124.19
		S.E.	3.82	4.36	4.02	3.00	4.56	2.96	11.36	8.52
N		310	58	293	813	569	302	55	48	
Suburban	Mean	124.06	137.25	143.99	153.11	165.51	171.95	175.73	135.80	
	S.E.	2.75	7.06	3.40	1.88	1.71	2.71	7.64	8.46	
	N	439	53	359	1002	585	333	81	50	
Rural	Mean	123.39	130.62	145.32	155.43	161.83	169.40	.	.	
	S.E.	1.52	2.46	2.98	1.31	2.81	2.44	.	.	
	N	519	59	253	773	280	148	9	15	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories							
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Foreign Languages		PUBLIC/NONPUBLIC SCHOOL							
	Public	Mean 124.83	132.92	143.83	153.41	163.63	171.32	167.87	133.59
		S.E. 1.67	2.72	1.87	1.03	1.39	1.73	7.15	5.48
		N 1264	167	886	2502	1288	728	142	113
	Nonpublic	Mean .	.	.	167.51	178.58	177.99	.	.
		S.E. .	.	.	8.11	5.55	6.31	.	.
		N 4	3	19	86	146	55	3	0
		CENSUS REGION							
	Northeast	Mean 120.43	.	139.67	147.86	158.15	164.47	.	148.29
		S.E. 6.50	.	4.87	5.00	2.75	2.93	.	8.84
		N 104	1	89	201	259	169	19	30
	South	Mean 119.36	126.82	138.50	153.58	169.96	171.28	170.44	121.89
		S.E. 2.24	3.65	3.13	1.64	4.39	3.38	15.18	10.78
		N 544	60	300	1213	500	213	59	32
	Midwest	Mean 126.92	138.01	146.86	157.02	169.64	181.21	.	.
		S.E. 1.65	5.56	3.17	3.02	2.28	2.31	.	.
		N 334	49	228	497	274	224	28	10
	West	Mean 133.84	132.38	149.28	156.40	167.56	171.54	143.24	113.43
		S.E. 4.33	3.60	3.83	1.89	2.92	3.22	9.22	9.60
		N 286	60	288	677	401	177	39	41

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Computer-related Studies	ALL GRADUATES	Mean	151.72	154.72	154.88	151.35	146.05	142.86	.	.	
		S.E.	1.50	1.73	1.99	2.08	2.23	4.03	.	.	
		N	2537	1679	1654	1092	331	84	18	11	
		GENDER									
		Male	Mean	140.16	143.67	147.64	144.29	141.05	138.98	.	.
			S.E.	1.74	2.36	4.67	2.97	3.12	5.08	.	.
			N	1207	764	755	524	174	52	14	7
		Female	Mean	161.75	163.80	161.36	158.31	151.66	150.94	.	.
			S.E.	1.54	1.94	1.77	2.22	3.88	6.63	.	.
			N	1330	915	898	568	157	32	4	4
		RACE/ETHNICITY									
		White	Mean	157.24	159.66	159.02	155.13	151.89	143.66	.	.
			S.E.	1.57	1.83	2.15	2.52	2.75	5.26	.	.
			N	1575	1090	962	624	178	50	6	5
		Black	Mean	133.73	134.96	144.33	140.61	131.15	.	.	.
			S.E.	2.12	2.35	3.27	3.32	3.26	.	.	.
			N	415	270	318	214	84	17	5	4
		Hispanic	Mean	137.38	141.36	145.15	143.08	135.57	.	.	.
			S.E.	3.18	3.99	3.99	3.31	5.57	.	.	.
			N	328	222	256	166	47	15	5	0
		Asian/Pacific Islander	Mean	153.88	153.64	154.50	152.05	.	.	.	.
			S.E.	6.81	4.47	4.73	5.67	.	.	.	.
			N	188	85	104	64	19	1	1	2
		Native American	Mean	123.82	.	.	.	.	.	.	.
			S.E.	7.59	.	.	.	.	.	.	.
			N	30	11	13	23	1	1	1	0
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	1	1	1	1	2	0	0	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Computer-related Studies	STUDENT PROGRAM									
	Academic	Mean	159.08	160.08	159.95	155.31	147.99	.	.	.
		S.E.	1.61	2.06	2.12	2.18	3.53	.	.	.
		N	1822	1299	1229	752	159	18	5	0
	Vocational	Mean	114.54	120.87	122.07	126.64	.	.	.	.
		S.E.	3.95	5.48	5.11	7.99	.	.	.	.
		N	98	53	51	31	6	7	0	0
	Both	Mean	134.62	137.88	143.78	146.07	145.63	142.33	.	.
		S.E.	2.28	3.44	4.21	3.32	2.79	4.21	.	.
		N	476	217	326	267	160	59	13	11
	Neither	Mean	133.72	131.87	130.45	129.09	.	.	.	.
		S.E.	4.88	5.14	4.69	7.22	.	.	.	.
		N	141	110	48	42	6	0	0	0
	COMMUNITY TYPE									
	Urban	Mean	154.97	158.09	162.17	151.58	146.04	.	.	.
		S.E.	2.41	4.05	4.61	4.34	4.34	.	.	.
N		842	575	581	325	93	23	4	5	
Suburban	Mean	152.51	155.58	153.62	154.04	144.91	.	.	.	
	S.E.	2.66	2.21	2.82	3.49	3.47	.	.	.	
	N	1095	685	576	393	111	28	11	3	
Rural	Mean	146.77	150.17	149.67	148.83	147.01	141.15	.	.	
	S.E.	2.94	2.28	2.42	2.78	3.47	5.65	.	.	
	N	600	419	497	374	127	33	3	3	



Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Computer-related Studies	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	150.72	152.08	152.43	149.10	146.32	142.86	.	.
		S.E.	1.47	1.52	1.57	1.84	2.28	4.03	.	.
		N	2473	1570	1550	1055	329	84	18	11
	Nonpublic	Mean	170.79	172.14	172.62	180.17	.	.	.	.
		S.E.	6.63	8.34	8.30	8.19	.	.	.	.
		N	64	109	104	37	2	0	0	0
	CENSUS REGION									
	Northeast	Mean	154.38	151.93	148.41	148.31	.	.	.	.
		S.E.	3.20	2.30	4.62	5.04	.	.	.	.
		N	368	193	170	100	27	7	4	3
	South	Mean	143.33	152.14	158.40	152.11	145.81	141.66	.	.
		S.E.	1.90	3.56	3.64	3.30	2.86	5.65	.	.
		N	852	435	819	551	214	34	9	7
	Midwest	Mean	156.37	155.63	155.35	149.75	147.83	.	.	.
S.E.		3.63	2.48	3.14	3.18	4.84	.	.	.	
N		485	570	297	211	52	25	4	0	
West	Mean	154.22	158.20	150.41	154.22	149.25	.	.	.	
	S.E.	2.79	4.58	2.16	4.64	8.64	.	.	.	
	N	832	481	368	230	38	18	1	1	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Consumer & Homemaking Education	ALL GRADUATES	Mean	156.64	153.15	146.35	142.85	140.91	132.52	.	.	
		S.E.	1.44	1.62	1.46	1.79	2.80	6.28	.	.	
		N	4240	1158	1040	687	199	61	14	6	
		GENDER									
		Male	Mean	147.05	142.60	131.81	129.91	122.57	.	.	.
			S.E.	2.50	2.44	2.25	2.91	5.53	.	.	.
			N	2261	542	431	214	39	6	1	2
		Female	Mean	167.95	162.10	156.09	148.46	144.93	134.22	.	.
			S.E.	1.44	2.16	1.73	2.36	2.81	5.18	.	.
			N	1979	615	609	473	160	55	13	4
		RACE/ETHNICITY									
		White	Mean	160.78	158.39	151.60	147.66	148.16	.	.	.
			S.E.	1.51	2.05	2.17	2.13	3.54	.	.	.
			N	2625	740	586	396	103	28	7	4
		Black	Mean	142.32	138.84	134.61	131.01	123.69	.	.	.
			S.E.	2.73	3.40	2.84	1.86	3.97	.	.	.
			N	647	158	255	173	64	22	6	2
		Hispanic	Mean	144.44	135.52	139.55	132.15	.	.	.	.
			S.E.	3.48	3.65	3.38	3.36	.	.	.	.
			N	603	166	150	88	24	8	0	0
		Asian/Pacific Islander	Mean	160.27	144.99	131.52	.	.	.	.	.
			S.E.	3.18	5.57	8.81	.	.	.	.	.
			N	319	76	36	25	6	1	1	0
		Native American	Mean	137.82	.	.	.	.	.	.	.
			S.E.	6.49	.	.	.	.	.	.	.
			N	43	16	12	5	2	2	0	0
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	3	2	1	0	0	0	0	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Consumer & Homemaking Education		STUDENT PROGRAM								
	Academic	Mean	162.91	159.75	151.38	146.16	145.78	134.48	.	.
		S.E.	1.51	2.00	1.75	1.90	3.14	5.38	.	.
		N	3067	833	705	486	134	45	10	3
	Vocational	Mean	115.97	124.62	128.88	.	.	.	.	.
		S.E.	4.37	4.91	3.97	.	.	.	.	.
		N	122	45	45	26	4	2	1	1
	Both	Mean	141.83	139.88	136.59	139.78	136.81	.	.	.
		S.E.	2.69	2.19	3.23	2.72	6.54	.	.	.
		N	899	220	231	132	38	6	2	1
	Neither	Mean	137.54	127.27	131.44	127.27	.	.	.	.
		S.E.	6.75	4.75	5.25	5.41	.	.	.	.
		N	152	60	59	43	23	8	1	1
	COMMUNITY TYPE									
	Urban	Mean	160.76	153.85	147.58	143.31	134.68	.	.	.
		S.E.	3.14	2.32	2.78	4.45	6.53	.	.	.
		N	1620	365	242	165	38	14	2	2
	Suburban	Mean	156.33	155.38	144.87	144.54	144.36	.	.	.
		S.E.	2.03	2.72	2.49	2.74	5.41	.	.	.
		N	1647	532	410	236	54	17	4	1
	Rural	Mean	152.03	148.68	147.17	141.46	140.78	137.90	.	.
		S.E.	2.01	2.66	2.15	2.90	3.66	8.91	.	.
		N	973	261	388	286	107	30	8	3

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		0	Credits Earned Categories							>5.00
			.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Consumer & Homemaking Education		PUBLIC/NONPUBLIC SCHOOL								
	Public	Mean	154.02	152.59	145.90	142.72	140.91	132.52	.	.
		S.E.	1.11	1.79	1.45	1.80	2.80	6.28	.	.
		N	3969	1123	1033	684	199	61	14	6
	Nonpublic	Mean	174.99	160.30	.	.	.	.	.	.
		S.E.	5.29	12.76	.	.	.	.	.	.
		N	271	35	7	3	0	0	0	0
		CENSUS REGION								
	Northeast	Mean	153.35	147.20	146.60	140.87	.	.	.	.
		S.E.	2.15	4.34	4.96	7.93	.	.	.	.
		N	631	112	74	43	9	2	1	0
	South	Mean	155.82	154.07	142.82	139.80	138.09	127.89	.	.
		S.E.	2.98	2.52	2.36	2.60	4.39	7.45	.	.
		N	1635	351	471	317	109	32	5	1
	Midwest	Mean	159.75	154.78	149.31	146.37	138.75	.	.	.
		S.E.	3.16	2.90	2.45	2.74	7.88	.	.	.
		N	850	325	225	177	45	14	5	3
	West	Mean	158.11	153.05	148.50	143.37	147.24	.	.	.
		S.E.	3.19	2.85	3.57	4.08	3.75	.	.	.
		N	1124	370	270	150	36	13	3	2

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
General Labor Market Preparation	ALL GRADUATES	Mean	159.90	153.46	148.18	136.85	132.96	125.71	.	.
		S.E.	1.83	1.22	1.27	2.09	2.83	6.51	.	.
		N	2922	1825	1695	727	151	49	18	17
	GENDER									
	Male	Mean	151.00	143.37	138.07	129.62	121.70	.	.	.
		S.E.	3.39	1.66	1.64	2.68	4.44	.	.	.
		N	1425	812	762	377	76	29	5	9
	Female	Mean	168.45	161.35	156.54	144.70	145.81	.	.	.
		S.E.	1.69	1.37	1.57	2.18	4.03	.	.	.
		N	1497	1012	933	350	75	20	13	8
	RACE/ETHNICITY									
	White	Mean	164.36	157.90	153.02	141.10	136.06	.	.	.
		S.E.	1.81	1.70	1.47	3.09	3.16	.	.	.
		N	1834	1170	984	363	90	28	10	10
	Black	Mean	143.39	138.19	133.72	129.26	127.57	.	.	.
		S.E.	3.21	2.86	1.86	3.29	3.97	.	.	.
		N	518	250	323	169	42	15	8	2
	Hispanic	Mean	148.09	138.99	139.66	131.22	.	.	.	.
		S.E.	4.47	2.37	2.93	2.90	.	.	.	.
		N	367	243	275	130	16	4	0	4
	Asian/Pacific Islander	Mean	165.77	150.60	150.52	135.42	.	.	.	.
		S.E.	3.81	4.37	3.86	4.69	.	.	.	.
		N	168	138	100	53	2	2	0	1
	Native American	Mean	146.22	.	.	.	.	.	.	.
		S.E.	7.19	.	.	.	.	.	.	.
		N	32	22	13	11	1	0	0	0
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	3	2	0	1	0	0	0	0

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
General Labor Market Preparation	STUDENT PROGRAM										
		Academic	Mean	165.15	158.17	153.04	143.19	139.42	.	.	.
			S.E.	1.93	1.33	1.43	2.64	5.35	.	.	.
			N	2147	1401	1170	456	79	17	9	5
		Vocational	Mean	126.33	120.45	121.57	117.21	.	.	.	.
			S.E.	5.12	6.41	5.07	5.44	.	.	.	.
			N	60	33	56	54	21	10	3	7
		Both	Mean	144.29	139.27	141.23	129.26	134.44	.	.	.
			S.E.	3.21	2.59	2.69	3.02	6.83	.	.	.
			N	630	304	389	158	34	12	2	0
		Neither	Mean	142.94	133.14	129.28	126.52	.	.	.	.
			S.E.	11.22	4.10	4.22	4.24	.	.	.	.
			N	85	87	80	59	17	10	4	5
		COMMUNITY TYPE									
		Urban	Mean	164.65	153.87	145.67	136.93	132.00	.	.	.
			S.E.	3.50	2.06	2.74	4.59	5.94	.	.	.
		N	1156	596	433	197	41	18	4	3	
	Suburban	Mean	159.03	154.40	147.56	136.72	.	.	.	.	
		S.E.	2.65	1.85	1.81	2.88	.	.	.	.	
		N	1141	836	631	255	27	4	1	7	
	Rural	Mean	153.99	151.51	149.96	136.92	134.24	.	.	.	
		S.E.	1.69	3.04	2.38	3.94	3.47	.	.	.	
		N	625	393	631	275	83	27	13	7	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories									
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00		
General Labor Market Preparation	PUBLIC/NONPUBLIC SCHOOL										
		Public	Mean	156.86	153.09	147.58	135.00	132.96	125.71	.	.
			S.E.	1.37	1.29	1.27	1.86	2.83	6.51	.	.
			N	2731	1753	1655	714	151	49	18	17
		Nonpublic	Mean	180.84	157.55	161.69	.	.	.	.	.
			S.E.	3.22	6.12	4.45	.	.	.	.	.
			N	191	72	40	13	0	0	0	0
	CENSUS REGION										
		Northeast	Mean	156.20	153.40	147.43	127.01	.	.	.	.
			S.E.	2.80	2.79	3.97	5.44	.	.	.	.
			N	365	246	198	49	8	2	1	3
		South	Mean	157.79	149.41	145.57	141.60	126.99	.	.	.
		S.E.	3.37	3.45	1.66	3.39	4.02	.	.	.	
		N	1354	447	688	332	71	20	7	2	
	Midwest	Mean	163.30	154.56	149.71	132.35	138.79	.	.	.	
		S.E.	3.23	1.89	3.01	4.34	4.21	.	.	.	
		N	656	491	294	116	50	21	8	8	
	West	Mean	163.94	155.29	150.77	136.19	.	.	.	.	
		S.E.	4.53	2.68	2.13	2.41	.	.	.	.	
		N	547	641	515	230	22	6	2	4	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Specific Labor Market Preparation	ALL GRADUATES	Mean	168.33	163.13	161.17	155.50	148.00	141.56	137.18	135.13
		S.E.	2.26	2.03	2.47	1.51	1.34	2.05	2.07	2.74
		N	1043	642	1053	1325	1014	781	566	982
	GENDER									
	Male	Mean	159.16	152.34	156.76	148.15	141.03	134.23	128.03	126.89
S.E.		2.94	2.95	6.02	2.36	1.67	2.44	2.62	2.72	
N		378	250	448	619	499	406	313	584	
	Female	Mean	173.75	169.33	164.60	161.96	154.68	149.86	149.11	147.93
S.E.		2.35	2.37	2.06	1.93	1.74	2.29	2.61	3.01	
N		665	392	605	705	515	375	253	398	
	RACE/ETHNICITY									
	White	Mean	172.54	167.89	167.45	161.33	153.70	146.78	140.67	134.87
S.E.		2.40	2.24	2.51	1.80	1.50	2.23	2.82	1.94	
N		705	430	615	770	587	442	331	610	
	Black	Mean	149.33	141.63	140.78	138.92	133.48	129.40	128.83	136.59
S.E.		3.96	4.34	3.10	2.39	2.94	2.74	2.55	7.59	
N		146	86	189	228	196	172	124	186	
	Hispanic	Mean	155.16	146.28	149.31	141.65	137.06	128.94	129.03	133.96
S.E.		6.86	5.16	4.76	2.97	3.40	4.62	3.63	5.16	
N		114	78	161	207	153	116	84	126	
	Asian/Pacific Islander	Mean	168.73	167.59	158.19	153.06	141.54	143.04	.	144.65
S.E.		7.12	7.38	5.51	3.60	3.95	5.33	.	8.81	
N		71	41	79	102	64	38	21	48	
	Native American	Mean	.	.	.	.	.	.	.	.
S.E.		.	.	.	.	.	.	.	.	
N		7	7	9	16	13	12	5	11	
	Other	Mean	.	.	.	.	.	.	.	.
S.E.		.	.	.	.	.	.	.	.	
N		0	0	0	2	1	1	1	1	



Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Specific Labor Market Preparation	STUDENT PROGRAM									
	Academic	Mean	168.93	164.26	161.95	156.98	150.53	145.26	138.08	138.97
		S.E.	2.24	2.07	2.45	1.53	1.50	2.46	2.71	4.02
		N	1009	602	1011	1240	801	378	172	71
	Vocational	Mean	.	.	.	.	.	123.12	122.86	118.67
		S.E.	.	.	.	.	.	6.14	4.76	3.50
		N	0	0	0	0	12	36	45	153
	Both	Mean	.	.	.	.	149.13	141.91	139.91	138.86
		S.E.	.	.	.	.	3.71	2.47	3.08	3.09
		N	0	0	0	0	119	330	335	745
	Neither	Mean	150.42	144.30	138.69	129.86	123.95	119.24	.	.
		S.E.	12.18	8.63	6.24	3.54	4.21	4.72	.	.
		N	34	40	42	85	82	37	14	13
	COMMUNITY TYPE									
	Urban	Mean	168.33	160.64	163.52	155.69	145.12	142.85	137.98	144.52
		S.E.	4.26	3.61	5.66	2.81	2.85	3.30	3.21	7.55
N		508	208	411	421	271	220	145	264	
Suburban	Mean	168.25	165.16	161.68	154.30	147.83	140.98	136.02	135.68	
	S.E.	2.87	3.16	2.58	2.49	1.69	2.58	3.98	2.42	
	N	400	308	404	555	417	274	208	336	
Rural	Mean	168.52	161.85	157.17	156.86	149.84	141.38	137.82	130.05	
	S.E.	3.20	2.81	4.11	2.89	2.49	3.71	2.67	2.67	
	N	135	126	238	349	326	287	213	382	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories									
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00		
Specific Labor Market Preparation	PUBLIC/NONPUBLIC SCHOOL										
		Public	Mean	166.70	162.47	158.16	153.76	147.55	141.81	136.84	135.12
			S.E.	1.68	2.12	2.12	1.28	1.29	2.09	2.00	2.74
			N	943	618	940	1266	999	778	565	981
		Nonpublic	Mean	175.62	.	173.15	173.41	.	.	.	.
			S.E.	12.05	.	7.45	6.87	.	.	.	.
			N	100	24	113	59	15	3	1	1
	CENSUS REGION										
		Northeast	Mean	164.66	162.79	154.33	150.35	144.48	134.14	131.60	133.33
			S.E.	3.49	4.00	6.66	4.45	3.46	4.31	6.13	6.09
		N	207	86	123	150	103	82	36	85	
	South	Mean	165.16	164.28	165.30	154.23	146.13	140.11	137.12	139.62	
		S.E.	1.98	4.78	5.02	3.17	2.44	2.50	3.49	4.51	
		N	307	138	396	457	416	372	293	542	
	Midwest	Mean	172.01	166.23	162.80	161.68	152.04	146.10	137.43	127.09	
		S.E.	5.04	3.94	3.75	2.71	2.51	4.57	3.29	4.47	
		N	217	203	245	320	195	166	119	179	
	West	Mean	172.93	158.34	157.18	152.75	148.79	143.52	139.91	137.02	
		S.E.	3.61	2.88	2.39	2.07	2.53	4.51	3.81	3.47	
		N	312	215	289	398	300	161	118	176	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
General Skills	ALL GRADUATES	Mean	152.56	154.88	150.63	154.09	154.97	146.85	147.26	.
		S.E.	1.18	1.85	1.99	2.56	3.97	6.33	8.98	.
		N	4631	1009	877	568	190	78	33	18
	GENDER									
	Male	Mean	144.77	141.70	139.68	139.68	146.32	120.97	.	.
		S.E.	2.27	2.48	3.41	3.80	7.34	8.89	.	.
		N	2325	448	390	214	68	30	15	5
	Female	Mean	160.51	164.97	159.11	162.37	160.05	166.34	.	.
		S.E.	1.19	2.49	2.31	2.40	4.12	5.81	.	.
		N	2305	561	487	354	122	48	18	13
	RACE/ETHNICITY									
	White	Mean	157.83	159.22	155.02	157.41	158.95	150.05	.	.
		S.E.	1.29	2.19	2.34	3.07	4.69	5.91	.	.
		N	2814	600	500	360	126	52	23	13
	Black	Mean	137.38	138.69	137.87	139.30	.	.	.	.
		S.E.	1.97	3.18	3.10	4.72	.	.	.	.
		N	875	178	168	73	16	12	3	2
	Hispanic	Mean	138.77	146.49	142.57	144.62	139.92	.	.	.
		S.E.	2.49	4.61	4.05	3.73	8.26	.	.	.
		N	619	141	137	95	30	9	7	1
	Asian/Pacific Islander	Mean	150.74	155.95	151.92	167.44	.	.	.	.
		S.E.	4.09	7.10	6.43	6.96	.	.	.	.
		N	271	79	63	30	15	4	0	2
	Native American	Mean	141.47	.	.	.	.	.	.	.
		S.E.	5.77	.	.	.	.	.	.	.
		N	47	10	9	10	3	1	0	0
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	5	1	0	0	0	0	0	0

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories									
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00		
General Skills	STUDENT PROGRAM										
	Academic	Mean	158.62	160.23	155.56	160.13	161.49	153.36	.	.	
		S.E.	1.24	2.24	2.16	2.45	4.15	7.68	.	.	
		N	3253	734	634	409	149	66	25	14	
	Vocational	Mean	120.35	125.09	120.25	.	.	.	.	.	
		S.E.	2.78	5.49	8.20	.	.	.	.	.	
		N	142	40	32	20	7	2	2	0	
	Both	Mean	139.83	143.44	142.83	143.96	.	.	.	.	
		S.E.	1.84	2.91	3.86	8.04	.	.	.	.	
		N	1061	181	166	87	27	3	2	2	
	Neither	Mean	128.65	140.57	133.77	134.49	.	.	.	.	
		S.E.	2.97	12.22	6.22	7.57	.	.	.	.	
N		175	54	45	52	7	7	4	2		
COMMUNITY TYPE											
Urban	Mean	156.16	157.46	153.72	160.28	167.57	.	.	.		
	S.E.	2.90	4.63	3.60	4.67	8.55	.	.	.		
	N	1534	329	288	190	59	25	17	6		
Suburban	Mean	153.74	156.21	148.67	152.02	154.24	132.35	.	.		
	S.E.	1.69	2.84	2.75	3.96	7.06	8.94	.	.		
	N	1747	448	371	224	68	31	6	7		
Rural	Mean	147.77	150.98	150.62	151.30	145.92	.	.	.		
	S.E.	1.68	2.72	2.76	4.66	4.91	.	.	.		
	N	1350	232	218	154	63	22	10	5		

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
General Skills	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	150.50	152.90	149.58	152.29	153.85	143.05	144.17	.
	S.E.	1.02	1.81	1.79	2.66	3.81	5.30	11.21	.	
	N	4386	981	855	556	186	76	30	18	
	Nonpublic	Mean	170.20	.	.	.	.	.	.	
	S.E.	6.05	.	.	.	.	.	.	.	
	N	245	28	22	12	4	2	3	0	
	CENSUS REGION									
	Northeast	Mean	151.26	154.42	148.51	.	.	.	.	
	S.E.	1.77	4.28	9.76	.	.	.	.	.	
	N	674	124	41	22	4	6	1	0	
	South	Mean	151.05	151.24	146.23	155.36	159.97	.	.	
	S.E.	2.50	4.09	2.75	3.86	6.49	.	.	.	
	N	2047	286	317	167	72	23	6	3	
	Midwest	Mean	155.22	155.24	151.89	155.50	147.68	.	.	
	S.E.	1.93	3.83	3.89	5.68	11.21	.	.	.	
	N	1045	248	186	103	32	12	10	8	
	West	Mean	153.24	158.22	154.52	152.75	154.27	161.19	.	
	S.E.	2.86	2.95	2.80	3.84	6.20	8.82	.	.	
	N	865	351	333	276	82	37	16	7	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Personal Health & Physical Education	ALL GRADUATES	Mean	158.12	166.11	155.47	154.81	149.91	151.30	146.18	140.60
		S.E.	7.68	4.61	1.91	1.52	1.24	4.09	2.93	3.01
		N	37	288	1008	2368	2114	1012	378	197
	GENDER									
	Male	Mean	.	151.98	140.76	144.81	141.07	147.54	141.01	134.62
		S.E.	.	6.42	3.52	2.11	1.46	7.63	3.25	3.11
		N	9	94	342	981	1040	619	264	146
	Female	Mean	.	171.79	162.82	162.07	158.82	157.25	159.47	157.26
		S.E.	.	5.41	1.84	1.47	1.51	2.31	4.92	5.58
		N	28	194	666	1387	1073	393	114	51
	RACE/ETHNICITY									
	White	Mean	.	173.15	158.44	160.44	154.05	157.20	149.94	143.91
		S.E.	.	5.10	2.41	1.60	1.73	4.07	3.11	4.04
		N	23	158	684	1470	1236	584	227	106
	Black	Mean	.	147.96	143.91	136.46	136.90	128.92	130.89	128.80
		S.E.	.	5.45	2.92	2.07	2.41	4.26	3.95	5.46
		N	4	64	242	473	320	135	52	35
	Hispanic	Mean	.	159.49	145.08	139.15	140.73	140.31	138.38	137.99
		S.E.	.	7.28	5.56	4.47	2.44	5.60	5.66	3.80
		N	8	51	56	228	362	212	75	47
	Asian/Pacific Islander	Mean	.	.	.	151.28	153.07	155.32	.	.
		S.E.	.	.	.	5.62	3.82	5.67	.	.
		N	2	13	22	162	171	67	19	8
	Native American	Mean	.	.	.	139.76	.	.	.	.
		S.E.	.	.	.	8.27	.	.	.	.
		N	0	2	3	33	22	14	5	1
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	0	0	1	2	3	0	0	0

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Personal Health & Physical Education STUDENT PROGRAM										
	Academic	Mean	.	169.08	161.51	161.49	155.73	157.32	151.60	143.13
		S.E.	.	4.90	2.37	1.90	1.27	4.53	2.84	3.00
		N	25	232	690	1655	1483	763	277	156
	Vocational	Mean	.	.	120.02	120.93	122.44	117.08	.	.
		S.E.	.	.	9.19	4.46	4.51	6.04	.	.
		N	0	9	31	84	74	39	7	2
	Both	Mean	.	147.18	144.95	141.96	138.33	136.96	135.40	.
		S.E.	.	6.94	3.44	2.44	2.31	4.13	4.79	.
		N	6	38	259	521	445	160	71	29
	Neither	Mean	.	.	.	128.50	131.87	125.85	.	.
		S.E.	.	.	.	3.22	3.11	7.18	.	.
		N	6	9	28	108	112	50	23	10
COMMUNITY TYPE										
	Urban	Mean	.	159.81	159.39	157.89	151.51	161.25	149.89	145.68
		S.E.	.	5.54	5.62	2.68	2.45	13.18	4.44	7.41
		N	22	176	293	854	675	284	81	61
	Suburban	Mean	.	181.61	158.56	154.25	151.03	150.74	145.19	142.17
		S.E.	.	7.97	2.83	2.87	2.18	2.76	4.84	6.52
		N	8	53	343	919	874	481	151	71
	Rural	Mean	.	162.49	150.22	152.17	147.50	140.55	145.30	135.31
		S.E.	.	4.15	1.91	2.10	1.72	2.84	4.29	4.00
		N	7	59	372	595	565	247	146	65

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Personal Health & Physical Education PUBLIC/NONPUBLIC SCHOOL										
	Public	Mean	155.39	165.59	154.41	152.30	149.22	146.99	145.23	139.03
		S.E.	7.32	4.70	1.75	1.38	1.16	1.87	3.12	3.19
		N	34	285	949	2256	2082	930	361	191
	Nonpublic	Mean	.	.	163.01	176.98	174.64	176.42	.	.
		S.E.	.	.	15.45	5.51	8.34	19.16	.	.
		N	3	3	59	112	32	82	17	6
CENSUS REGION										
	Northeast	Mean	.	151.56	152.23	154.97	151.32	148.39	.	.
		S.E.	.	6.23	3.81	7.50	2.78	1.77	.	.
		N	8	62	111	195	296	186	8	4
	South	Mean	.	171.63	153.40	152.61	144.16	155.52	142.70	134.99
		S.E.	.	8.03	1.72	2.14	2.09	14.32	4.30	5.70
		N	6	132	580	937	660	327	178	101
	Midwest	Mean	.	168.73	159.09	154.82	149.97	150.49	.	.
		S.E.	.	5.46	4.43	2.32	3.48	7.29	.	.
		N	21	61	271	773	349	139	20	8
	West	Mean	.	165.35	164.12	159.29	153.95	149.54	151.00	147.66
		S.E.	.	7.70	6.10	4.18	2.46	2.56	4.72	4.14
		N	2	33	46	463	809	360	172	84



Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Religion	ALL GRADUATES	Mean	150.78	161.29	153.13	161.13	175.12	171.66	.	.
		S.E.	0.89	7.84	7.54	7.51	12.66	8.33	.	.
		N	6968	47	53	55	103	171	8	1
	GENDER									
	Male	Mean	140.48	.	.	.	177.15	164.30	.	.
		S.E.	1.12	.	.	.	17.29	8.98	.	.
		N	3276	17	20	25	80	76	2	1
	Female	Mean	159.89	172.87	162.57	167.01	.	177.21	.	.
		S.E.	1.01	8.08	10.29	8.53	.	9.19	.	.
		N	3692	30	32	30	23	95	6	0
	RACE/ETHNICITY									
	White	Mean	155.80	.	159.81	161.52	177.56	171.92	.	.
		S.E.	1.07	.	8.19	7.59	10.96	8.88	.	.
		N	4165	28	38	45	75	132	6	1
	Black	Mean	135.67	.	.	.	.	.	.	.
		S.E.	1.51	.	.	.	.	.	.	.
		N	1286	11	6	3	7	13	1	0
	Hispanic	Mean	138.73	.	.	.	.	.	.	.
		S.E.	1.57	.	.	.	.	.	.	.
		N	988	6	6	6	15	18	0	0
	Asian/Pacific Islander	Mean	152.12	.	.	.	.	.	.	.
		S.E.	3.73	.	.	.	.	.	.	.
		N	448	2	3	0	5	6	0	0
	Native American	Mean	135.42	.	.	.	.	.	.	.
		S.E.	4.44	.	.	.	.	.	.	.
		N	76	0	0	1	1	2	0	0
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	5	0	0	0	0	0	1	0

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Religion	STUDENT PROGRAM									
	Academic	Mean	156.82	164.93	153.87	161.66	175.56	172.20	.	.
		S.E.	0.86	6.35	9.65	7.90	12.93	8.76	.	.
		N	4888	38	41	43	100	165	8	1
	Vocational	Mean	119.22	.	.	.	.	.	.	.
		S.E.	2.79	.	.	.	.	.	.	.
		N	239	4	1	0	0	2	0	0
	Both	Mean	140.42	.	.	.	.	.	.	.
		S.E.	1.87	.	.	.	.	.	.	.
		N	1512	1	10	5	0	1	0	0
	Neither	Mean	128.94	.	.	.	.	.	.	.
		S.E.	2.34	.	.	.	.	.	.	.
		N	329	4	1	7	3	3	0	0
	COMMUNITY TYPE									
	Urban	Mean	152.33	.	.	.	176.02	171.77	.	.
		S.E.	1.40	.	.	.	14.43	11.69	.	.
N		2197	22	7	18	93	110	1	0	
Suburban	Mean	152.39	.	150.11	162.19	.	.	.	.	
	S.E.	1.59	.	9.60	9.29	.	.	.	.	
	N	2798	19	35	34	7	1	7	1	
Rural	Mean	147.68	.	.	.	.	170.14	.	.	
	S.E.	1.58	.	.	.	.	3.84	.	.	
	N	1973	6	11	3	3	60	0	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Religion	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	150.79	161.29	151.02	.	.	.	.	.
		S.E.	0.89	7.84	7.52	.	.	.	.	.
		N	6967	47	48	25	3	0	0	0
	Nonpublic	Mean	.	.	.	166.82	175.37	171.66	.	.
		S.E.	.	.	.	8.58	12.97	8.33	.	.
		N	1	0	5	30	100	171	8	1
	CENSUS REGION									
	Northeast	Mean	150.54	.	.	.	.	151.38	.	.
		S.E.	2.09	.	.	.	.	2.46	.	.
		N	804	3	7	19	5	34	0	0
	South	Mean	148.13	.	.	.	185.02	.	.	.
S.E.		1.60	.	.	.	9.26	.	.	.	
N		2769	18	28	22	59	17	7	1	
Midwest	Mean	153.25	.	.	.	163.17	.	.	.	
	S.E.	2.07	.	.	.	25.34	.	.	.	
	N	1552	16	8	9	33	26	0	0	
West	Mean	152.06	.	.	.	.	176.83	.	.	
	S.E.	1.82	.	.	.	.	5.96	.	.	
	N	1843	10	10	5	6	94	1	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Military Science	ALL GRADUATES	Mean	153.32	.	132.36	142.07	138.21	141.51	.	.
		S.E.	1.08	.	4.08	4.73	4.10	5.12	.	.
		N	7042	25	120	68	84	43	12	12
		GENDER								
		Male	Mean	143.74	.	125.91	141.84	132.45	.	.
			S.E.	1.90	.	4.84	8.05	4.62	.	.
			N	3307	11	62	34	43	29	8
		Female	Mean	161.83	.	141.11	142.34	144.29	.	.
			S.E.	1.07	.	5.56	4.55	5.79	.	.
			N	3734	14	58	34	41	14	4
		RACE/ETHNICITY								
		White	Mean	157.84	.	143.16	.	.	.	.
			S.E.	1.17	.	8.88	.	.	.	.
			N	4363	8	39	28	25	16	6
		Black	Mean	138.15	.	126.72	.	134.54	.	.
			S.E.	1.63	.	4.21	.	6.05	.	.
			N	1161	9	58	29	40	21	3
		Hispanic	Mean	141.73	.	.	.	.	.	.
			S.E.	2.46	.	.	.	.	.	.
			N	992	5	19	7	11	2	2
		Asian/Pacific Islander	Mean	153.65	.	.	.	.	.	.
			S.E.	3.91	.	.	.	.	.	.
			N	445	2	4	3	7	3	0
		Native American	Mean	138.16	.	.	.	.	.	.
			S.E.	5.14	.	.	.	.	.	.
			N	75	1	0	1	1	1	1
		Other	Mean	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	
		N	6	0	0	0	0	0	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories								
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Military Science	STUDENT PROGRAM										
	Academic	Mean	159.31	.	136.73	145.15	140.01	142.58	.	.	
		S.E.	1.18	.	5.15	6.31	5.00	5.28	.	.	
		N	5028	15	76	44	61	41	11	8	
	Vocational	Mean	120.27	.	.	.	.	.	.	.	
		S.E.	3.12	.	.	.	.	.	.	.	
		N	232	2	5	2	4	1	0	0	
	Both	Mean	140.81	.	123.58	.	.	.	.	.	
		S.E.	1.88	.	4.11	.	.	.	.	.	
		N	1459	4	30	20	14	1	0	1	
	Neither	Mean	132.14	.	.	.	.	.	.	.	
		S.E.	3.62	.	.	.	.	.	.	.	
		N	323	4	9	2	5	0	1	3	
	COMMUNITY TYPE										
	Urban	Mean	157.57	.	126.49	148.41	141.27	.	.	.	
		S.E.	2.61	.	5.62	6.61	6.36	.	.	.	
N		2293	12	40	37	41	16	3	6		
Suburban	Mean	153.72	.	136.96	.	.	.	.	.		
	S.E.	1.63	.	7.64	.	.	.	.	.		
	N	2774	7	48	20	29	13	7	4		
Rural	Mean	149.05	.	130.58	.	.	.	.	.		
	S.E.	1.39	.	5.03	.	.	.	.	.		
	N	1975	6	32	11	14	14	2	2		

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field			Credits Earned Categories								
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Military Science	PUBLIC/NONPUBLIC SCHOOL										
	Public	Mean	151.40	.	132.36	141.31	138.21	141.51	.	.	
		S.E.	0.89	.	4.08	4.71	4.10	5.12	.	.	
		N	6727	25	120	67	84	43	12	12	
	Nonpublic	Mean	172.72	.	.	.	.	.	.	.	
		S.E.	5.70	.	.	.	.	.	.	.	
		N	315	0	0	1	0	0	0	0	
	CENSUS REGION										
	Northeast	Mean	151.46	.	.	.	.	.	.	.	
		S.E.	1.88	.	.	.	.	.	.	.	
		N	872	0	0	0	0	0	0	0	
	South	Mean	152.22	.	134.06	139.32	136.01	134.46	.	.	
S.E.		2.06	.	4.91	4.35	4.87	4.65	.	.		
N		2659	11	91	45	60	34	10	11		
Midwest	Mean	154.84	.	.	.	.	.	.	.		
	S.E.	2.13	.	.	.	.	.	.	.		
	N	1606	5	12	10	8	3	0	0		
West	Mean	154.62	.	.	.	.	.	.	.		
	S.E.	2.36	.	.	.	.	.	.	.		
	N	1905	9	17	13	16	6	2	1		

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Special Education	ALL GRADUATES	Mean	154.32	138.51	120.05	111.14	.	102.54	.	95.60
		S.E.	1.03	4.21	4.29	7.10	.	5.20	.	5.58
		N	7094	64	79	38	29	32	18	52
		GENDER								
		Male	Mean	145.31	129.31	111.39	.	.	.	91.71
			S.E.	1.80	6.11	4.97	.	.	.	5.79
			N	3309	33	46	19	20	20	14
		Female	Mean	162.20	149.25	132.33	.	.	.	.
			S.E.	1.04	6.76	5.98	.	.	.	.
			N	3784	31	33	19	9	12	4
		RACE/ETHNICITY								
		White	Mean	159.12	145.93	122.48	.	.	.	98.39
			S.E.	1.16	6.00	5.74	.	.	.	7.30
			N	4312	34	38	22	20	20	14
		Black	Mean	139.13	.	.	.	.	.	.
			S.E.	1.62	.	.	.	.	.	.
			N	1263	15	25	6	3	5	2
		Hispanic	Mean	142.72	.	.	.	.	.	.
			S.E.	2.42	.	.	.	.	.	.
			N	990	4	13	9	3	7	1
		Asian/Pacific Islander	Mean	154.30	.	.	.	.	.	.
		S.E.	3.63	.	.	.	.	.	.	
		N	446	10	3	1	3	0	0	
	Native American	Mean	138.05	.	.	.	.	.	.	
		S.E.	4.96	.	.	.	.	.	.	
		N	77	1	0	0	0	0	1	
	Other	Mean	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	
		N	6	0	0	0	0	0	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Special Education	STUDENT PROGRAM									
	Academic	Mean	159.77	139.97	126.74	.	.	.	.	.
		S.E.	1.11	6.16	5.79	.	.	.	.	.
		N	5110	41	52	20	14	14	9	24
	Vocational	Mean	123.91	.	.	.	.	.	.	.
		S.E.	2.84	.	.	.	.	.	.	.
		N	209	5	3	7	6	5	2	9
	Both	Mean	142.39	.	.	.	.	.	.	.
		S.E.	1.79	.	.	.	.	.	.	.
		N	1452	15	20	9	7	7	4	15
	Neither	Mean	133.30	.	.	.	.	.	.	.
		S.E.	3.53	.	.	.	.	.	.	.
		N	323	3	4	2	2	6	3	4
	COMMUNITY TYPE									
	Urban	Mean	158.04	.	123.23	.	.	.	.	.
		S.E.	2.44	.	8.25	.	.	.	.	.
		N	2351	28	34	9	6	6	4	10
	Suburban	Mean	155.14	.	122.39	.	.	.	.	.
		S.E.	1.57	.	8.10	.	.	.	.	.
		N	2750	29	34	19	16	18	11	25
	Rural	Mean	149.97	.	.	.	.	.	.	.
		S.E.	1.49	.	.	.	.	.	.	.
		N	1993	7	11	10	7	8	3	17



Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Special Education	PUBLIC/NONPUBLIC SCHOOL									
		Public	Mean 152.49	138.51	120.05	111.14	.	102.54	.	95.60
			S.E. 0.88	4.21	4.29	7.10	.	5.20	.	5.58
			N 6778	64	79	38	29	32	18	52
		Nonpublic	Mean 172.67	.	.	.	.	.	.	.
			S.E. 5.66	.	.	.	.	.	.	.
			N 316	0	0	0	0	0	0	0
	CENSUS REGION									
		Northeast	Mean 152.22	.	.	.	.	.	.	.
			S.E. 1.76	.	.	.	.	.	.	.
		N 849	2	9	0	2	3	3	4	
	South	Mean 152.61	.	112.57	.	.	.	.	.	
		S.E. 1.97	.	7.36	.	.	.	.	.	
		N 2809	25	30	20	10	10	3	14	
	Midwest	Mean 156.73	.	.	.	.	.	.	.	
		S.E. 2.22	.	.	.	.	.	.	.	
		N 1558	14	23	6	10	12	6	15	
	West	Mean 155.83	.	.	.	.	.	.	.	
		S.E. 2.24	.	.	.	.	.	.	.	
		N 1878	23	17	12	7	7	6	19	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
All Courses Other Than Above	ALL GRADUATES	Mean	152.79	149.72	150.58	.	.	.	.	.
		S.E.	1.07	3.88	6.68	.	.	.	.	.
		N	7264	69	40	22	4	3	3	1
		GENDER								
		Male	Mean	143.36	142.77	.	.	.	.	.
			S.E.	1.88	4.14	.	.	.	.	.
			N	3427	32	21	11	3	2	0
		Female	Mean	161.23	155.98	.	.	.	.	.
			S.E.	1.05	6.91	.	.	.	.	.
			N	3836	37	19	11	1	1	3
		RACE/ETHNICITY								
		White	Mean	157.64	151.82	.	.	.	.	.
			S.E.	1.18	4.76	.	.	.	.	.
			N	4410	41	23	11	2	1	1
		Black	Mean	137.27	.	.	.	.	.	.
			S.E.	1.58	.	.	.	.	.	.
			N	1310	8	2	2	2	2	1
		Hispanic	Mean	141.22	.	.	.	.	.	.
			S.E.	2.47	.	.	.	.	.	.
			N	1007	13	12	7	0	0	0
		Asian/Pacific Islander	Mean	153.28	.	.	.	.	.	.
			S.E.	3.91	.	.	.	.	.	.
			N	454	4	3	2	0	0	1
		Native American	Mean	137.43	.	.	.	.	.	.
			S.E.	5.10	.	.	.	.	.	.
			N	77	3	0	0	0	0	0
	Other	Mean	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	
		N	6	0	0	0	0	0	0	

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field	Credits Earned Categories								
	0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
All Courses Other Than Above									
STUDENT PROGRAM									
Academic	Mean	158.72	155.71	.	.	.	.	.	.
	S.E.	1.17	3.25	.	.	.	.	.	.
	N	5184	47	29	18	2	2	2	0
Vocational	Mean	119.77	.	.	.	.	.	.	.
	S.E.	3.19	.	.	.	.	.	.	.
	N	240	4	2	0	0	0	0	0
Both	Mean	140.59	.	.	.	.	.	.	.
	S.E.	1.86	.	.	.	.	.	.	.
	N	1511	8	7	3	0	0	0	0
Neither	Mean	131.70	.	.	.	.	.	.	.
	S.E.	3.45	.	.	.	.	.	.	.
	N	329	10	2	1	2	1	1	1
COMMUNITY TYPE									
Urban	Mean	156.77	.	.	.	.	.	.	.
	S.E.	2.49	.	.	.	.	.	.	.
	N	2422	16	5	4	1	0	0	0
Suburban	Mean	153.24	148.44	.	.	.	.	.	.
	S.E.	1.66	4.18	.	.	.	.	.	.
	N	2820	45	18	11	2	3	2	1
Rural	Mean	148.62	.	.	.	.	.	.	.
	S.E.	1.47	.	.	.	.	.	.	.
	N	2022	8	17	7	1	0	1	0

Table 112.—NAEP writing proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
All Courses Other Than Above		PUBLIC/NONPUBLIC SCHOOL								
	Public	Mean	150.85	149.72	150.58	.	.	.	.	.
		S.E.	0.90	3.88	6.68	.	.	.	.	.
		N	6949	69	40	22	4	2	3	1
	Nonpublic	Mean	172.70	.	.	.	.	.	.	.
		S.E.	5.67	.	.	.	.	.	.	.
		N	315	0	0	0	0	1	0	0
		CENSUS REGION								
	Northeast	Mean	151.17	.	.	.	.	.	.	.
		S.E.	1.94	.	.	.	.	.	.	.
		N	856	1	7	6	0	1	0	1
	South	Mean	151.10	.	.	.	.	.	.	.
		S.E.	2.01	.	.	.	.	.	.	.
		N	2873	17	12	12	3	2	2	0
	Midwest	Mean	154.60	.	.	.	.	.	.	.
		S.E.	2.12	.	.	.	.	.	.	.
		N	1609	28	6	1	0	0	0	0
	West	Mean	154.56	.	.	.	.	.	.	.
		S.E.	2.36	.	.	.	.	.	.	.
		N	1926	23	15	3	1	0	1	0

NOTE: Means and standard errors based on less than 30 observations have been set to missing (.). Furthermore, users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 113.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories

Core Curriculum Categories		Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Mean	167.45	149.68
	S.E.	2.13	1.09
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Mean	163.16	149.90
	S.E.	2.13	1.17
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Mean	166.29	141.10
	S.E.	1.20	1.07
4 English + 3 Social Studies + 3 Science + 3 Mathematics	Mean	161.47	140.95
	S.E.	1.30	1.29
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Mean	156.62	140.21
	S.E.	1.15	1.88

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	ALL GRADUATES	Mean	167.45	149.68
		S.E.	2.13	1.09
		N	1169	6237
GENDER				
	Male	Mean	162.21	139.35
		S.E.	5.25	1.32
		N	528	2969
	Female	Mean	172.14	158.96
		S.E.	1.61	1.20
		N	641	3267
RACE/ETHNICITY				
	White	Mean	171.01	154.62
		S.E.	2.21	1.22
		N	751	3739
	Black	Mean	151.66	134.85
		S.E.	3.34	1.42
		N	187	1140
	Hispanic	Mean	160.32	137.66
		S.E.	5.40	2.32
		N	151	888
	Asian/Pacific Islander	Mean	168.92	150.58
		S.E.	5.14	3.92
		N	70	394
	Native American	Mean	.	134.72
		S.E.	.	5.27
		N	9	71
	Other	Mean	.	.
		S.E.	.	.
		N	1	5

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language		STUDENT PROGRAM		
	Academic	Mean	169.09	155.97
		S.E.	2.21	1.20
		N	1000	4284
	Vocational	Mean	.	120.41
		S.E.	.	3.01
		N	0	246
	Both	Mean	155.75	138.57
		S.E.	3.13	1.72
		N	169	1360
	Neither	Mean	.	131.77
		S.E.	.	3.37
		N	0	347
		COMMUNITY TYPE		
	Urban	Mean	169.94	152.94
		S.E.	4.70	2.16
		N	482	1966
	Suburban	Mean	166.30	151.42
		S.E.	3.13	1.75
		N	341	2561
	Rural	Mean	165.67	144.55
		S.E.	2.34	1.72
		N	346	1710

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	164.07	148.47
		S.E.	1.63	0.99
		N	1048	6042
	Nonpublic	Mean	181.66	167.12
		S.E.	2.75	6.88
		N	121	195
		CENSUS REGION		
	Northeast	Mean	159.95	149.92
		S.E.	3.10	1.86
		N	140	732
	South	Mean	167.67	145.24
		S.E.	3.66	1.58
		N	619	2302
	Midwest	Mean	170.59	151.74
		S.E.	3.90	2.36
		N	255	1389
	West	Mean	170.70	152.87
		S.E.	3.61	2.49
		N	155	1814



Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	ALL GRADUATES	Mean	163.16	149.90
		S.E.	2.13	1.17
		N	1474	5932
GENDER				
	Male	Mean	157.63	139.20
		S.E.	4.69	1.36
		N	697	2800
	Female	Mean	168.44	159.34
		S.E.	1.67	1.27
		N	777	3131
RACE/ETHNICITY				
	White	Mean	167.14	154.82
		S.E.	2.23	1.31
		N	935	3555
	Black	Mean	145.62	135.39
		S.E.	3.00	1.56
		N	261	1066
	Hispanic	Mean	154.91	137.91
		S.E.	5.06	2.45
		N	187	852
	Asian/Pacific Islander	Mean	168.69	150.29
		S.E.	5.12	3.94
		N	77	387
	Native American	Mean	.	134.13
		S.E.	.	5.37
		N	13	67
	Other	Mean	.	.
		S.E.	.	.
		N	1	5

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold	
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	STUDENT PROGRAM				
	Academic	Mean	165.20	156.54	
		S.E.	2.30	1.26	
		N	1208	4076	
	Vocational	Mean	.	120.41	
		S.E.	.	3.01	
		N	0	246	
	Both	Mean	152.27	137.92	
		S.E.	2.79	1.72	
		N	266	1263	
	Neither	Mean	.	131.77	
		S.E.	.	3.37	
		N	0	347	
	COMMUNITY TYPE				
	Urban	Mean	165.33	153.54	
		S.E.	5.01	2.30	
N		605	1843		
Suburban	Mean	162.37	151.69		
	S.E.	2.94	1.77		
	N	415	2487		
Rural	Mean	161.57	144.20		
	S.E.	2.49	1.95		
	N	454	1602		

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	159.77	148.66
		S.E.	1.57	1.07
		N	1347	5743
	Nonpublic	Mean	180.72	167.31
		S.E.	3.47	6.95
		N	127	189
		CENSUS REGION		
	Northeast	Mean	157.79	150.02
		S.E.	2.75	1.98
		N	172	700
	South	Mean	162.85	145.93
		S.E.	3.90	1.64
		N	759	2162
	Midwest	Mean	164.91	151.72
		S.E.	3.79	2.63
		N	352	1292
	West	Mean	168.08	152.77
		S.E.	3.45	2.53
		N	191	1778

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	ALL GRADUATES	Mean	166.29	141.10
		S.E.	1.20	1.07
		N	3274	4132
GENDER				
	Male	Mean	158.82	131.59
		S.E.	2.51	1.34
		N	1399	2098
	Female	Mean	172.15	150.69
		S.E.	1.14	1.35
		N	1875	2033
RACE/ETHNICITY				
	White	Mean	169.53	146.30
		S.E.	1.25	1.37
		N	2110	2380
	Black	Mean	151.25	128.30
		S.E.	2.53	1.22
		N	515	812
	Hispanic	Mean	161.01	130.02
		S.E.	3.61	1.88
		N	356	683
	Asian/Pacific Islander	Mean	162.88	139.66
		S.E.	4.30	4.21
		N	265	199
	Native American	Mean	.	129.51
		S.E.	.	5.79
		N	24	56
	Other	Mean	.	.
		S.E.	.	.
		N	4	2

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language		STUDENT PROGRAM		
	Academic	Mean	168.02	147.51
		S.E.	1.25	1.35
		N	2751	2533
	Vocational	Mean	.	120.41
		S.E.	.	3.01
		N	0	246
	Both	Mean	155.31	132.99
		S.E.	2.62	1.62
		N	523	1006
	Neither	Mean	.	131.77
		S.E.	.	3.37
		N	0	347
		COMMUNITY TYPE		
	Urban	Mean	168.99	142.83
		S.E.	2.61	2.29
		N	1205	1243
	Suburban	Mean	164.92	143.74
		S.E.	1.56	2.29
		N	1219	1683
	Rural	Mean	164.93	136.82
		S.E.	1.83	1.38
		N	850	1206

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	164.23	140.03
		S.E.	1.01	1.03
		N	3077	4013
	Nonpublic	Mean	181.82	157.59
		S.E.	2.35	5.84
		N	197	119
		CENSUS REGION		
	Northeast	Mean	162.25	142.52
		S.E.	2.62	2.43
		N	387	485
	South	Mean	163.48	132.71
		S.E.	2.16	1.56
		N	1588	1333
	Midwest	Mean	172.07	144.08
		S.E.	2.72	2.55
		N	596	1048
	West	Mean	170.30	145.04
		S.E.	2.75	2.26
		N	703	1266

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics	ALL GRADUATES	Mean	161.47	140.95
		S.E.	1.30	1.29
		N	4196	3210
GENDER				
	Male	Mean	152.89	131.12
		S.E.	2.48	1.49
		N	1899	1598
	Female	Mean	168.76	150.43
		S.E.	1.12	1.64
		N	2297	1611
RACE/ETHNICITY				
	White	Mean	165.61	145.84
		S.E.	1.35	1.64
		N	2638	1852
	Black	Mean	143.50	129.69
		S.E.	2.37	1.61
		N	759	568
	Hispanic	Mean	155.02	129.97
		S.E.	3.59	2.05
		N	454	585
	Asian/Pacific Islander	Mean	160.05	138.94
		S.E.	5.17	3.78
		N	305	159
	Native American	Mean	148.30	127.89
		S.E.	7.58	6.97
		N	36	44
	Other	Mean	.	.
		S.E.	.	.
		N	4	2

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold	
4 English + 3 Social Studies + 3 Science + 3 Mathematics	STUDENT PROGRAM				
	Academic	Mean	164.41	148.23	
		S.E.	1.26	1.61	
		N	3344	1940	
	Vocational	Mean	.	120.41	
		S.E.	.	3.01	
		N	0	246	
	Both	Mean	147.70	132.01	
		S.E.	2.79	1.38	
		N	852	677	
	Neither	Mean	.	131.77	
		S.E.	.	3.37	
		N	0	347	
	COMMUNITY TYPE				
	Urban	Mean	164.83	142.14	
		S.E.	2.65	2.62	
N		1505	943		
Suburban	Mean	159.45	145.42		
	S.E.	2.06	2.68		
	N	1559	1343		
Rural	Mean	160.30	134.94		
	S.E.	1.90	1.70		
	N	1132	924		



Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	159.36	139.66
		S.E.	1.11	1.24
		N	3989	3101
	Nonpublic	Mean	180.70	157.68
		S.E.	2.98	6.31
		N	207	109
		CENSUS REGION		
	Northeast	Mean	159.31	142.72
		S.E.	2.53	2.48
		N	464	408
	South	Mean	156.86	134.37
		S.E.	2.44	1.63
		N	2081	840
	Midwest	Mean	167.63	142.14
		S.E.	2.42	3.16
		N	783	861
	West	Mean	167.25	143.34
		S.E.	2.87	2.32
		N	868	1101

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 2 Science + 2 Mathematics	ALL GRADUATES	Mean	156.62	140.21
		S.E.	1.15	1.88
		N	5701	1705
GENDER				
	Male	Mean	147.62	130.93
		S.E.	2.11	2.17
		N	2613	884
	Female	Mean	164.24	150.29
		S.E.	1.08	2.65
		N	3088	820
RACE/ETHNICITY				
	White	Mean	161.49	145.04
		S.E.	1.22	2.31
		N	3440	1050
	Black	Mean	139.92	129.40
		S.E.	2.02	2.51
		N	1036	291
	Hispanic	Mean	146.89	124.12
		S.E.	2.54	2.64
		N	780	259
	Asian/Pacific Islander	Mean	155.66	141.70
		S.E.	4.53	4.70
		N	380	84
	Native American	Mean	141.87	.
		S.E.	5.32	.
		N	59	21
	Other	Mean	.	.
		S.E.	.	.
		N	6	0

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold	
4 English + 3 Social Studies + 2 Science + 2 Mathematics	STUDENT PROGRAM				
	Academic	Mean	160.56	149.94	
		S.E.	1.20	2.72	
		N	4345	939	
	Vocational	Mean	123.84	119.79	
		S.E.	5.91	3.10	
		N	41	205	
	Both	Mean	142.57	132.77	
		S.E.	2.20	1.82	
		N	1249	280	
	Neither	Mean	139.44	130.28	
		S.E.	3.61	4.00	
		N	66	281	
	COMMUNITY TYPE				
	Urban	Mean	159.83	140.81	
		S.E.	2.62	5.40	
N		2029	419		
Suburban	Mean	156.08	145.06		
	S.E.	1.73	3.85		
	N	2131	771		
Rural	Mean	153.91	134.31		
	S.E.	1.35	2.88		
	N	1541	515		

Table 114.—NAEP writing proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 2 Science + 2 Mathematics		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	154.64	138.95
		S.E.	0.96	1.76
		N	5440	1650
	Nonpublic	Mean	175.77	158.31
		S.E.	4.59	15.09
		N	261	55
	CENSUS REGION			
	Northeast	Mean	154.85	143.28
		S.E.	1.80	3.17
		N	633	239
	South	Mean	153.78	133.97
		S.E.	2.19	2.36
		N	2458	463
	Midwest	Mean	160.99	142.09
		S.E.	2.74	4.13
		N	1075	569
	West	Mean	158.29	139.46
		S.E.	2.41	3.36
		N	1535	434

NOTE: Users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 115.—NAEP writing proficiency estimates of 1998 graduates by grade point average by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region

		GPA Categories						
		A	B	C	D	F	Other	Missing
ALL GRADUATES	Mean	181.75	153.48	129.45	107.71	.	.	.
	S.E.	1.39	1.07	0.94	7.18	.	.	.
	N	1352	4089	1935	30	0	0	0
GENDER								
Male	Mean	175.88	146.58	123.55	.	.	.	.
	S.E.	2.57	1.98	1.34	.	.	.	.
	N	475	1901	1096	25	0	0	0
Female	Mean	184.75	159.65	137.36	.	.	.	.
	S.E.	1.52	1.10	1.10	.	.	.	.
	N	877	2188	838	5	0	0	0
RACE/ETHNICITY								
White	Mean	183.09	157.13	132.02	.	.	.	.
	S.E.	1.59	1.19	1.24	.	.	.	.
	N	1043	2483	950	14	0	0	0
Black	Mean	169.10	143.66	125.27	.	.	.	.
	S.E.	5.41	2.03	1.52	.	.	.	.
	N	82	695	537	13	0	0	0
Hispanic	Mean	175.69	144.37	124.67	.	.	.	.
	S.E.	5.18	2.07	2.18	.	.	.	.
	N	89	617	331	2	0	0	0
Asian/Pacific Islander	Mean	178.18	149.28	126.87	.	.	.	.
	S.E.	3.39	3.37	3.56	.	.	.	.
	N	131	250	83	0	0	0	0
Native American	Mean	.	134.73	133.80	.	.	.	.
	S.E.	.	7.82	6.58	.	.	.	.
	N	7	41	31	1	0	0	0
Other	Mean	.	.	.	.	.	.	.
	S.E.	.	.	.	.	.	.	.
	N	0	3	3	0	0	0	0

Table 115.—NAEP writing proficiency estimates of 1998 graduates by grade point average by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

		GPA Categories						
		A	B	C	D	F	Other	Missing
STUDENT PROGRAM								
Academic	Mean	183.66	157.63	133.70	.	.	.	.
	S.E.	1.42	1.21	1.21	.	.	.	.
	N	1165	2943	1163	13	0	0	0
Vocational	Mean	.	126.30	116.65	.	.	.	.
	S.E.	.	3.94	4.03	.	.	.	.
	N	7	101	135	3	0	0	0
Both	Mean	169.86	144.00	124.79	.	.	.	.
	S.E.	3.90	2.00	1.65	.	.	.	.
	N	169	888	461	11	0	0	0
Neither	Mean	.	138.20	123.63	.	.	.	.
	S.E.	.	4.12	3.12	.	.	.	.
	N	11	157	176	3	0	0	0
COMMUNITY TYPE								
Urban	Mean	186.47	158.52	133.38	.	.	.	.
	S.E.	3.16	2.51	1.43	.	.	.	.
	N	402	1340	693	13	0	0	0
Suburban	Mean	184.58	154.73	129.30	.	.	.	.
	S.E.	2.43	1.40	1.70	.	.	.	.
	N	505	1606	779	12	0	0	0
Rural	Mean	175.60	147.27	125.62	.	.	.	.
	S.E.	1.60	1.57	2.26	.	.	.	.
	N	445	1143	463	5	0	0	0

Table 115.—NAEP writing proficiency estimates of 1998 graduates by grade point average by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

		GPA Categories						
		A	B	C	D	F	Other	Missing
PUBLIC/NONPUBLIC SCHOOL								
Public	Mean	179.93	151.72	128.26	.	.	.	.
	S.E.	1.49	0.88	1.00	.	.	.	.
	N	1277	3907	1878	28	0	0	0
Nonpublic	Mean	197.09	171.10	147.18	.	.	.	.
	S.E.	3.90	5.06	5.53	.	.	.	.
	N	75	182	57	2	0	0	0
CENSUS REGION								
Northeast	Mean	180.27	158.17	133.27	.	.	.	.
	S.E.	4.19	2.07	1.66	.	.	.	.
	N	105	406	345	16	0	0	0
South	Mean	180.02	150.39	127.21	.	.	.	.
	S.E.	2.33	2.43	1.71	.	.	.	.
	N	510	1698	702	11	0	0	0
Midwest	Mean	183.20	156.32	128.38	.	.	.	.
	S.E.	3.67	2.02	1.94	.	.	.	.
	N	341	822	478	3	0	0	0
West	Mean	183.20	152.30	129.44	.	.	.	.
	S.E.	2.03	1.57	2.27	.	.	.	.
	N	396	1163	410	0	0	0	0

NOTE: Means and standard errors based on less than 30 observations have been set to missing (.). Furthermore, users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 116.—NAEP civics proficiency estimates of 1998 graduates by credits earned in subject areas

Subject Field		Credits Earned Categories							
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Mathematics	Mean	.	.	.	135.97	144.94	157.34	166.13	160.75
	S.E.	.	.	.	3.27	1.52	1.55	2.76	5.38
	N	0	1	7	201	991	1318	378	60
Science	Mean	.	.	131.87	134.19	149.33	166.55	174.14	163.23
	S.E.	.	.	5.89	1.70	1.07	1.50	2.16	7.62
	N	4	2	39	621	1232	800	207	51
English	Mean	.	.	.	123.36	147.16	153.90	153.79	156.79
	S.E.	.	.	.	7.47	2.84	1.40	2.09	3.66
	N	0	4	16	52	205	1727	720	232
Social Studies	Mean	.	.	.	142.39	149.28	155.12	154.91	159.17
	S.E.	.	.	.	6.95	2.50	1.24	2.31	4.19
	N	0	1	1	61	1070	1205	449	169
Fine Arts	Mean	152.44	144.82	149.63	151.61	151.61	159.52	164.98	163.11
	S.E.	1.76	3.52	2.01	1.80	2.21	2.75	3.22	2.31
	N	625	210	694	558	301	237	139	191
Foreign Languages	Mean	127.86	130.71	147.23	155.07	165.12	171.01	164.67	129.08
	S.E.	1.98	3.48	2.60	1.26	2.03	2.69	7.39	6.93
	N	480	69	360	1060	596	285	50	55
Computer-related Studies	Mean	151.38	155.24	152.87	152.92	150.68	164.27	.	.
	S.E.	1.49	1.67	2.24	2.81	2.95	8.77	.	.
	N	1010	643	701	443	105	38	11	5
Consumer & Homemaking Education	Mean	158.42	150.38	143.73	145.44	135.26	.	.	.
	S.E.	1.41	2.42	2.15	2.78	3.92	.	.	.
	N	1687	453	446	250	90	22	7	1



Table 116.—NAEP civics proficiency estimates of 1998 graduates by credits earned in subject areas  
(Continued)

Subject Field		Credits Earned Categories							
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
General Labor Market Preparation	Mean	159.61	152.68	149.24	138.41	139.51	.	.	.
	S.E.	1.93	1.61	1.55	2.47	12.52	.	.	.
	N	1212	738	647	273	52	22	9	3
Specific Labor Market Preparation	Mean	164.58	159.10	158.73	157.00	149.09	147.98	140.59	140.10
	S.E.	1.86	2.28	3.02	1.92	2.72	2.25	2.57	2.66
	N	411	248	412	506	395	339	231	413
General Skills	Mean	154.07	151.67	152.87	148.86	146.69	.	.	.
	S.E.	1.49	2.03	2.81	3.55	5.03	.	.	.
	N	1836	425	352	228	71	29	10	4
Personal Health & Physical Education	Mean	.	159.32	155.34	154.99	148.96	152.59	149.67	152.23
	S.E.	.	4.13	2.64	1.98	1.84	4.82	3.61	3.93
	N	25	104	434	978	782	403	155	73
Religion	Mean	151.52	.	.	.	171.57	165.47	.	.
	S.E.	1.16	.	.	.	22.85	4.45	.	.
	N	2787	12	24	19	42	69	3	0
Military Science	Mean	153.33	.	132.44	.	151.70	.	.	.
	S.E.	1.26	.	4.25	.	3.98	.	.	.
	N	2800	14	45	23	34	28	7	5
Special Education	Mean	154.28	142.26	.	.	.	.	.	.
	S.E.	1.17	6.39	.	.	.	.	.	.
	N	2835	33	24	17	10	8	8	21
All Courses Other Than Above	Mean	153.05	147.86	.	.	.	.	.	.
	S.E.	1.22	4.90	.	.	.	.	.	.
	N	2892	34	15	8	2	2	0	3

NOTE: Means and standard errors based on less than 30 observations have been set to missing (.). Furthermore, users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Mathematics	ALL GRADUATES	Mean	.	.	.	135.97	144.94	157.34	166.13	160.75	
		S.E.	.	.	.	3.27	1.52	1.55	2.76	5.38	
		N	0	1	7	201	991	1318	378	60	
		GENDER									
		Male	Mean	.	.	.	133.90	141.99	158.48	168.52	165.35
			S.E.	.	.	.	3.80	2.24	2.45	4.44	8.45
			N	0	0	2	124	448	600	170	33
		Female	Mean	.	.	.	138.67	147.41	156.33	164.04	.
			S.E.	.	.	.	5.10	1.76	1.65	2.76	.
			N	0	1	5	77	543	718	208	27
		RACE/ETHNICITY									
		White	Mean	.	.	.	139.33	150.35	163.24	173.17	167.76
			S.E.	.	.	.	4.08	1.67	1.83	3.73	7.29
			N	0	1	5	119	597	784	211	35
		Black	Mean	.	.	.	.	128.05	141.31	144.17	.
			S.E.	.	.	.	.	2.46	2.33	5.73	.
			N	0	0	0	20	180	244	69	7
		Hispanic	Mean	.	.	.	129.78	133.48	139.98	151.42	.
			S.E.	.	.	.	4.90	2.97	2.99	6.74	.
			N	0	0	2	44	159	187	52	11
		Asian/Pacific Islander	Mean	.	.	.	.	145.33	152.01	163.92	.
			S.E.	.	.	.	.	4.99	5.27	6.05	.
			N	0	0	0	12	42	96	44	7
		Native American	Mean	.	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.	.
			N	0	0	0	6	11	6	2	0
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	0	2	1	0	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Mathematics	STUDENT PROGRAM									
	Academic	Mean	.	.	.	145.45	150.77	159.81	166.49	162.16
		S.E.	.	.	.	3.62	1.73	1.59	2.46	4.83
		N	0	0	1	64	628	1027	315	46
	Vocational	Mean	.	.	.	123.09	123.76	.	.	.
		S.E.	.	.	.	7.93	4.99	.	.	.
		N	0	0	3	40	41	4	0	0
	Both	Mean	.	.	.	139.74	136.65	147.94	164.66	.
		S.E.	.	.	.	7.70	2.12	2.64	9.66	.
		N	0	0	1	40	266	278	62	14
	Neither	Mean	.	.	.	130.85	131.89	.	.	.
		S.E.	.	.	.	6.48	5.38	.	.	.
		N	0	1	2	57	56	9	1	0
	COMMUNITY TYPE									
	Urban	Mean	.	.	.	140.34	143.14	157.39	166.48	.
		S.E.	.	.	.	4.92	2.95	3.76	4.26	.
N		0	0	0	54	288	459	178	14	
Suburban	Mean	.	.	.	136.21	146.89	157.79	160.32	161.54	
	S.E.	.	.	.	6.27	2.47	2.09	3.83	8.13	
	N	0	0	5	80	382	547	130	30	
Rural	Mean	.	.	.	133.70	144.01	156.61	172.86	.	
	S.E.	.	.	.	4.93	2.29	1.93	3.89	.	
	N	0	1	2	67	321	312	70	16	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Mathematics	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	.	.	.	135.46	144.16	156.51	165.46	160.60
		S.E.	.	.	.	3.31	1.46	1.35	2.54	5.48
		N	0	1	7	197	970	1262	336	59
	Nonpublic	Mean	.	.	.	.	.	165.66	168.66	.
		S.E.	.	.	.	.	.	9.52	7.20	.
		N	0	0	0	4	21	56	42	1
	CENSUS REGION									
	Northeast	Mean	.	.	.	137.54	142.29	154.44	159.47	.
		S.E.	.	.	.	7.64	4.87	4.32	8.15	.
		N	0	0	1	30	101	150	47	13
	South	Mean	.	.	.	137.53	142.06	155.19	165.93	.
		S.E.	.	.	.	4.94	2.34	2.88	5.57	.
		N	0	0	2	35	426	563	141	25
	Midwest	Mean	.	.	.	133.79	150.20	163.79	172.99	.
		S.E.	.	.	.	7.22	3.46	3.02	3.95	.
		N	0	1	2	47	180	283	96	13
	West	Mean	.	.	.	135.91	145.36	155.41	163.24	.
S.E.		.	.	.	5.29	3.24	1.92	3.21	.	
N		0	0	2	89	284	322	94	9	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Science	ALL GRADUATES	Mean	.	.	131.87	134.19	149.33	166.55	174.14	163.23
		S.E.	.	.	5.89	1.70	1.07	1.50	2.16	7.62
		N	4	2	39	621	1232	800	207	51
	GENDER									
	Male	Mean	.	.	.	131.64	148.87	169.43	177.48	.
		S.E.	.	.	.	2.31	1.94	2.59	3.34	.
		N	3	2	18	321	554	364	93	22
	Female	Mean	.	.	.	136.82	149.72	164.13	171.02	.
		S.E.	.	.	.	1.91	1.15	1.35	3.25	.
		N	1	0	21	300	678	436	114	29
	RACE/ETHNICITY									
	White	Mean	.	.	.	139.94	154.46	170.30	180.19	169.78
		S.E.	.	.	.	2.10	1.14	1.78	2.36	8.27
		N	1	0	27	318	714	540	122	30
	Black	Mean	.	.	.	124.82	131.50	152.79	160.48	.
		S.E.	.	.	.	3.89	2.26	2.62	5.34	.
		N	1	0	5	108	256	111	30	9
	Hispanic	Mean	.	.	.	123.89	143.71	150.62	.	.
		S.E.	.	.	.	2.75	3.24	5.46	.	.
		N	1	2	6	164	166	86	24	6
	Asian/Pacific Islander	Mean	.	.	.	.	144.06	162.02	168.28	.
		S.E.	.	.	.	.	4.41	4.81	6.81	.
		N	1	0	1	22	79	61	31	6
	Native American	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	0	0	0	7	16	2	0	0
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	0	0	0	2	1	0	0	0

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Science	STUDENT PROGRAM									
	Academic	Mean	.	.	.	138.73	152.99	167.14	177.44	162.19
		S.E.	.	.	.	2.07	1.24	1.56	2.29	8.59
		N	0	0	12	315	877	661	174	42
	Vocational	Mean	.	.	.	125.89	.	.	.	.
		S.E.	.	.	.	4.98	.	.	.	.
		N	3	2	10	60	11	2	0	0
	Both	Mean	.	.	.	132.35	140.42	164.23	157.25	.
		S.E.	.	.	.	3.16	1.73	4.57	7.45	.
		N	0	0	7	159	318	135	33	9
	Neither	Mean	.	.	.	127.84	.	.	.	.
		S.E.	.	.	.	4.43	.	.	.	.
		N	1	0	10	87	26	2	0	0
	COMMUNITY TYPE									
	Urban	Mean	.	.	.	134.90	149.37	168.89	171.93	.
		S.E.	.	.	.	3.46	2.26	2.83	3.90	.
N		1	0	10	211	402	278	75	16	
Suburban	Mean	.	.	.	137.74	150.24	163.64	173.52	.	
	S.E.	.	.	.	2.84	1.85	1.63	3.26	.	
	N	2	2	23	233	471	331	90	22	
Rural	Mean	.	.	.	129.91	148.23	167.79	177.57	.	
	S.E.	.	.	.	3.01	1.91	2.94	2.99	.	
	N	1	0	6	177	359	191	42	13	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Science	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	.	.	131.19	133.48	148.23	165.38	173.52	163.23
		S.E.	.	.	6.10	1.73	1.10	1.22	2.21	7.62
		N	4	2	37	604	1188	743	203	51
	Nonpublic	Mean	.	.	.	.	162.14	174.24	.	.
		S.E.	.	.	.	.	4.95	6.35	.	.
		N	0	0	2	17	44	57	4	0
	CENSUS REGION									
	Northeast	Mean	.	.	.	132.49	146.75	160.44	167.39	.
		S.E.	.	.	.	5.38	2.72	4.87	4.87	.
		N	0	0	9	68	112	98	39	16
	South	Mean	.	.	.	129.42	145.15	166.19	171.98	.
		S.E.	.	.	.	2.08	1.86	2.73	3.24	.
		N	1	0	6	157	575	361	73	19
	Midwest	Mean	.	.	.	137.33	153.99	172.12	184.80	.
S.E.		.	.	.	4.18	2.20	1.79	4.13	.	
N		0	0	12	140	224	178	57	11	
West	Mean	.	.	.	135.31	153.74	164.85	166.39	.	
	S.E.	.	.	.	2.34	2.23	2.45	4.85	.	
	N	3	2	12	256	321	163	38	5	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
English	ALL GRADUATES	Mean	.	.	.	123.36	147.16	153.90	153.79	156.79	
		S.E.	.	.	.	7.47	2.84	1.40	2.09	3.66	
		N	0	4	16	52	205	1727	720	232	
		GENDER									
		Male	Mean	.	.	.	.	150.92	152.93	153.99	156.54
			S.E.	.	.	.	.	4.45	1.96	2.88	6.25
			N	0	2	10	21	106	826	311	101
		Female	Mean	.	.	.	122.85	143.21	154.83	153.64	157.00
			S.E.	.	.	.	8.56	2.97	1.60	2.52	3.34
			N	0	2	6	31	99	901	409	131
		RACE/ETHNICITY									
		White	Mean	.	.	.	.	151.26	158.80	159.96	165.04
			S.E.	.	.	.	.	2.93	1.44	2.14	4.61
			N	0	1	6	19	134	1047	420	125
		Black	Mean	.	.	.	.	.	137.50	136.45	141.33
			S.E.	.	.	.	.	.	2.39	4.08	7.42
			N	0	0	1	18	25	283	144	49
		Hispanic	Mean	.	.	.	.	.	141.36	139.27	129.95
			S.E.	.	.	.	.	.	3.11	3.26	5.13
			N	0	2	8	9	29	258	112	37
		Asian/Pacific Islander	Mean	.	.	.	.	.	153.97	146.27	.
			S.E.	.	.	.	.	.	5.02	6.95	.
		N	0	1	1	4	13	124	41	17	
	Native American	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	2	3	13	3	4	
	Other	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	0	1	2	0	0	



Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
English	STUDENT PROGRAM									
	Academic	Mean	.	.	.	.	153.15	159.18	156.66	158.56
		S.E.	.	.	.	.	3.91	1.51	2.23	3.15
		N	0	2	6	21	121	1218	540	173
	Vocational	Mean	.	.	.	.	.	120.93	.	.
		S.E.	.	.	.	.	.	5.31	.	.
		N	0	0	1	6	21	53	6	1
	Both	Mean	.	.	.	.	.	144.94	145.40	152.67
		S.E.	.	.	.	.	.	1.97	3.51	10.40
		N	0	0	2	7	29	398	168	57
	Neither	Mean	.	.	.	.	134.61	131.83	.	.
		S.E.	.	.	.	.	7.02	4.89	.	.
		N	0	2	7	18	34	58	6	1
	COMMUNITY TYPE									
	Urban	Mean	.	.	.	.	147.82	154.48	155.65	163.37
		S.E.	.	.	.	.	6.86	3.03	4.17	7.00
N		0	1	3	25	43	537	292	92	
Suburban	Mean	.	.	.	.	148.26	153.94	154.87	155.59	
	S.E.	.	.	.	.	4.68	2.08	2.69	7.73	
	N	0	3	10	16	101	746	241	57	
Rural	Mean	.	.	.	.	145.66	153.34	150.25	152.31	
	S.E.	.	.	.	.	6.84	1.49	3.02	3.95	
	N	0	0	3	11	61	444	187	83	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
English	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	.	.	.	123.36	146.07	152.70	153.62	152.69
		S.E.	.	.	.	7.47	2.93	1.33	2.05	3.18
		N	0	4	16	52	201	1647	692	220
	Nonpublic	Mean	.	.	.	.	.	165.56	.	.
		S.E.	.	.	.	.	.	6.14	.	.
		N	0	0	0	0	4	80	28	12
	CENSUS REGION									
	Northeast	Mean	.	.	.	.	150.53	152.36	144.44	.
		S.E.	.	.	.	.	6.35	3.29	7.40	.
		N	0	1	5	7	34	212	54	29
	South	Mean	.	.	.	.	144.08	152.04	152.61	161.95
		S.E.	.	.	.	.	5.24	2.28	3.15	6.36
		N	0	0	5	25	63	678	304	117
	Midwest	Mean	.	.	.	.	144.50	159.89	160.51	.
S.E.		.	.	.	.	5.25	3.23	2.95	.	
N		0	1	1	11	70	348	163	28	
West	Mean	.	.	.	.	152.69	151.47	151.72	150.50	
	S.E.	.	.	.	.	6.69	1.85	3.93	8.49	
	N	0	2	5	9	38	489	199	58	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Social Studies	ALL GRADUATES	Mean	.	.	.	142.39	149.28	155.12	154.91	159.17	
		S.E.	.	.	.	6.95	2.50	1.24	2.31	4.19	
		N	0	1	1	61	1070	1205	449	169	
		GENDER									
		Male	Mean	.	.	.	140.34	150.06	153.97	156.44	158.67
			S.E.	.	.	.	9.36	4.08	1.87	2.83	6.01
			N	0	1	1	36	523	546	190	80
		Female	Mean	.	.	.	.	148.50	156.07	153.79	159.70
			S.E.	.	.	.	.	2.13	1.61	2.51	3.58
			N	0	0	0	25	547	659	259	89
		RACE/ETHNICITY									
		White	Mean	.	.	.	147.29	155.99	161.17	158.09	162.90
			S.E.	.	.	.	7.50	2.83	1.35	2.50	4.29
			N	0	0	1	42	601	711	285	112
		Black	Mean	.	.	.	.	133.16	140.36	137.85	.
			S.E.	.	.	.	.	3.40	2.65	4.33	.
			N	0	0	0	11	205	212	73	19
		Hispanic	Mean	.	.	.	.	134.96	138.11	146.11	.
			S.E.	.	.	.	.	3.41	4.08	5.13	.
			N	0	0	0	6	186	187	57	19
		Asian/Pacific Islander	Mean	.	.	.	.	148.80	147.81	165.17	.
			S.E.	.	.	.	.	6.06	6.65	5.34	.
			N	0	1	0	2	67	82	31	18
		Native American	Mean	.	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.	.
			N	0	0	0	0	11	10	3	1
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	0	0	0	3	0	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Social Studies	STUDENT PROGRAM									
	Academic	Mean	.	.	.	.	155.75	158.90	157.53	162.18
		S.E.	.	.	.	.	2.87	1.49	2.46	4.17
		N	0	0	0	28	662	891	357	143
	Vocational	Mean	.	.	.	.	125.69	.	.	.
		S.E.	.	.	.	.	6.14	.	.	.
		N	0	1	1	10	56	18	2	0
	Both	Mean	.	.	.	.	145.72	143.88	144.94	.
		S.E.	.	.	.	.	3.62	2.41	5.17	.
		N	0	0	0	15	268	267	86	25
	Neither	Mean	.	.	.	.	126.92	.	.	.
		S.E.	.	.	.	.	4.54	.	.	.
		N	0	0	0	8	84	29	4	1
	COMMUNITY TYPE									
	Urban	Mean	.	.	.	.	155.37	154.29	155.14	165.09
S.E.		.	.	.	.	5.21	2.63	4.21	5.06	
N		0	1	0	17	388	382	150	55	
Suburban	Mean	.	.	.	.	148.15	153.64	157.73	160.01	
	S.E.	.	.	.	.	2.54	1.96	3.61	7.82	
	N	0	0	0	6	402	510	182	74	
Rural	Mean	.	.	.	145.96	143.64	157.82	150.77	154.27	
	S.E.	.	.	.	10.55	2.93	1.70	3.52	6.87	
	N	0	0	1	38	280	313	117	40	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Social Studies		PUBLIC/NONPUBLIC SCHOOL								
	Public	Mean	.	.	.	142.00	146.78	154.25	154.25	159.48
		S.E.	.	.	.	8.96	2.11	1.31	2.21	4.25
		N	0	1	1	54	1021	1155	432	168
	Nonpublic	Mean	.	.	.	.	172.52	164.76	.	.
		S.E.	.	.	.	.	10.51	3.57	.	.
		N	0	0	0	7	49	50	17	1
		CENSUS REGION								
	Northeast	Mean	.	.	.	.	136.51	151.40	153.73	150.59
		S.E.	.	.	.	.	6.55	2.66	4.63	6.22
		N	0	0	0	4	74	133	86	45
	South	Mean	.	.	.	.	149.54	152.93	155.64	162.11
		S.E.	.	.	.	.	5.29	1.64	3.59	9.59
		N	0	0	0	21	431	495	183	62
	Midwest	Mean	.	.	.	150.30	155.05	163.74	152.05	.
		S.E.	.	.	.	8.32	3.62	3.19	6.95	.
		N	0	0	1	30	242	244	79	26
	West	Mean	.	.	.	.	146.10	152.46	158.65	162.97
		S.E.	.	.	.	.	2.43	2.35	3.43	8.35
		N	0	1	0	6	323	333	101	36

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Fine Arts	ALL GRADUATES	Mean	152.44	144.82	149.63	151.61	151.61	159.52	164.98	163.11	
		S.E.	1.76	3.52	2.01	1.80	2.21	2.75	3.22	2.31	
		N	625	210	694	558	301	237	139	191	
		GENDER									
		Male	Mean	152.55	138.51	150.00	153.27	153.83	156.10	169.89	165.50
			S.E.	2.44	5.08	3.47	3.09	3.94	5.38	4.90	3.61
			N	347	101	326	256	124	91	45	87
		Female	Mean	152.29	151.98	149.29	150.16	150.20	161.70	162.99	161.01
			S.E.	1.94	3.59	2.28	2.02	2.29	3.06	3.73	2.48
			N	278	109	368	302	177	146	94	104
		RACE/ETHNICITY									
		White	Mean	159.14	149.26	153.78	158.70	157.69	163.92	166.99	167.68
			S.E.	2.18	3.97	2.37	1.91	2.56	3.15	3.33	2.44
			N	365	121	373	318	180	158	106	131
		Black	Mean	136.65	140.67	137.73	135.19	134.11	130.30	.	.
			S.E.	3.01	6.46	3.38	4.76	4.37	5.29	.	.
			N	150	40	122	88	48	34	11	27
		Hispanic	Mean	133.68	118.57	141.07	133.40	135.87	.	.	.
			S.E.	4.21	8.32	4.25	4.95	5.50	.	.	.
			N	68	32	131	104	53	27	12	27
		Asian/Pacific Islander	Mean	145.20	.	153.37	146.70	.	.	.	.
			S.E.	7.05	.	6.81	4.34	.	.	.	.
			N	39	16	65	40	15	12	9	5
		Native American	Mean	.	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.	.
			N	3	1	1	7	5	6	1	1
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	0	0	2	1	0	0	0	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Fine Arts	STUDENT PROGRAM									
	Academic	Mean	159.99	149.05	154.23	156.13	154.91	163.52	170.06	164.10
		S.E.	1.94	3.74	2.66	2.23	2.45	3.01	3.01	2.31
		N	351	151	476	391	237	191	109	174
	Vocational	Mean	130.33	.	.	.	.	.	.	.
		S.E.	8.63	.	.	.	.	.	.	.
		N	31	9	18	19	5	4	1	1
	Both	Mean	146.09	133.63	143.97	143.65	147.64	.	.	.
		S.E.	3.24	7.06	3.01	3.78	4.87	.	.	.
		N	228	43	177	117	40	27	20	9
	Neither	Mean	.	.	.	132.14	.	.	.	.
		S.E.	.	.	.	5.41	.	.	.	.
		N	15	7	23	31	19	15	9	7
	COMMUNITY TYPE									
	Urban	Mean	154.21	148.31	151.84	151.55	156.10	161.19	164.11	162.66
		S.E.	4.32	6.35	5.41	4.16	3.67	6.09	5.75	3.73
N		184	62	228	206	106	80	38	89	
Suburban	Mean	153.70	146.58	151.41	150.27	150.48	158.93	166.67	161.26	
	S.E.	2.80	6.22	2.60	2.18	3.29	4.05	4.39	3.65	
	N	218	95	299	239	120	77	55	70	
Rural	Mean	150.21	139.52	144.86	153.92	148.86	158.72	163.83	167.35	
	S.E.	2.13	5.02	2.51	3.53	4.22	3.85	4.77	4.61	
	N	223	53	167	113	75	80	46	32	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Fine Arts	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	151.10	143.77	148.07	149.92	150.96	157.71	164.70	163.04
		S.E.	1.65	3.65	1.51	1.85	2.25	2.68	3.38	2.22
		N	610	203	663	529	283	225	131	187
	Nonpublic	Mean	.	.	163.65	.	.	.	.	.
		S.E.	.	.	13.41	.	.	.	.	.
		N	15	7	31	29	18	12	8	4
	CENSUS REGION									
	Northeast	Mean	144.47	.	143.72	156.33	151.11	.	.	165.42
		S.E.	2.89	.	4.14	6.09	5.45	.	.	4.47
		N	65	22	86	62	32	28	10	37
	South	Mean	149.36	140.66	150.39	156.29	153.78	156.87	152.70	163.10
		S.E.	2.68	3.64	4.48	3.69	2.99	4.50	4.87	3.56
		N	342	81	269	174	99	89	47	91
	Midwest	Mean	164.04	157.69	152.69	147.34	153.33	163.96	175.64	.
		S.E.	3.62	6.42	4.08	3.50	5.63	6.29	4.76	.
		N	121	51	126	123	71	60	43	26
	West	Mean	148.52	148.56	150.38	147.76	148.36	157.75	164.55	159.30
		S.E.	3.81	5.21	2.68	2.59	3.89	3.43	3.79	6.12
		N	97	56	213	199	99	60	39	37



Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Foreign Languages	ALL GRADUATES	Mean	127.86	130.71	147.23	155.07	165.12	171.01	164.67	129.08
		S.E.	1.98	3.48	2.60	1.26	2.03	2.69	7.39	6.93
		N	480	69	360	1060	596	285	50	55
	GENDER									
	Male	Mean	126.33	125.84	148.94	156.62	169.70	175.74	.	128.77
		S.E.	1.81	6.10	3.29	1.91	3.56	3.87	.	7.89
		N	297	33	175	465	253	108	16	30
	Female	Mean	130.51	134.49	145.54	153.85	161.47	168.04	162.43	.
		S.E.	3.25	6.10	3.21	1.56	2.15	3.28	10.61	.
		N	183	36	185	595	343	177	34	25
RACE/ETHNICITY										
White	Mean	134.31	135.76	151.86	159.12	168.74	179.22	.	.	
	S.E.	2.14	4.59	2.88	1.60	2.40	2.74	.	.	
	N	267	33	224	640	377	169	26	15	
Black	Mean	115.23	.	130.53	146.01	151.75	151.75	.	.	
	S.E.	3.05	.	4.23	2.54	3.64	7.67	.	.	
	N	129	17	67	197	66	30	11	3	
Hispanic	Mean	112.92	.	137.18	143.34	152.58	139.96	.	.	
	S.E.	4.56	.	7.69	2.14	3.35	7.75	.	.	
	N	65	17	46	152	96	47	6	26	
Asian/Pacific Islander	Mean	.	.	.	146.01	163.27	168.61	.	.	
	S.E.	.	.	.	4.23	6.45	5.14	.	.	
	N	13	1	17	64	50	39	6	11	
Native American	Mean	.	.	.	.	.	.	.	.	
	S.E.	.	.	.	.	.	.	.	.	
	N	5	1	6	7	6	0	0	0	
Other	Mean	.	.	.	.	.	.	.	.	
	S.E.	.	.	.	.	.	.	.	.	
	N	1	0	0	0	1	0	1	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Foreign Languages	STUDENT PROGRAM										
	Academic	Mean	130.94	132.72	149.68	156.49	166.02	173.11	167.27	142.90	
		S.E.	3.02	4.61	3.03	1.49	2.17	2.55	5.80	8.69	
		N	196	44	227	758	521	256	45	33	
	Vocational	Mean	121.07	.	.	.	.	.	.	.	
		S.E.	5.69	.	.	.	.	.	.	.	
		N	52	4	17	11	3	0	1	0	
	Both	Mean	128.55	.	147.46	152.53	161.84	.	.	.	
		S.E.	3.03	.	3.76	2.45	6.83	.	.	.	
		N	196	18	101	260	58	21	1	6	
	Neither	Mean	119.16	.	.	147.00	.	.	.	.	
		S.E.	6.96	.	.	5.22	.	.	.	.	
N		36	3	15	31	14	8	3	16		
COMMUNITY TYPE											
Urban	Mean	123.36	.	148.93	155.60	168.16	165.69	.	.		
	S.E.	4.46	.	3.48	2.31	4.29	3.79	.	.		
	N	134	22	128	305	259	100	20	25		
Suburban	Mean	128.41	.	148.73	154.70	162.14	169.20	.	.		
	S.E.	3.65	.	4.86	2.12	2.20	3.80	.	.		
	N	163	26	131	434	233	133	29	24		
Rural	Mean	129.59	.	144.22	155.11	164.73	179.16	.	.		
	S.E.	3.29	.	3.95	2.15	2.30	4.56	.	.		
	N	183	21	101	321	104	52	1	6		

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Foreign Languages	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	127.67	130.71	147.36	154.92	162.99	171.60	167.02	129.08
		S.E.	1.97	3.48	2.56	1.32	1.31	2.89	7.57	6.93
		N	477	69	357	1032	524	268	49	55
	Nonpublic	Mean	.	.	.	.	172.55	.	.	.
		S.E.	.	.	.	.	6.41	.	.	.
		N	3	0	3	28	72	17	1	0
	CENSUS REGION									
	Northeast	Mean	127.51	.	133.66	142.25	157.02	173.75	.	.
		S.E.	9.91	.	5.21	5.03	2.75	6.83	.	.
		N	43	1	38	84	112	48	5	11
	South	Mean	125.73	.	141.19	154.55	172.88	166.34	.	.
S.E.		2.57	.	3.01	1.84	4.40	3.66	.	.	
N		203	25	125	519	193	82	26	19	
Midwest	Mean	129.43	.	156.15	162.85	167.27	178.26	.	.	
	S.E.	3.01	.	5.14	2.86	2.09	4.70	.	.	
	N	117	17	75	196	115	91	7	4	
West	Mean	129.48	.	151.40	153.78	162.99	157.68	.	.	
	S.E.	2.66	.	4.65	1.83	2.04	4.36	.	.	
	N	117	26	122	261	176	64	12	21	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Computer-related Studies	ALL GRADUATES	Mean	151.38	155.24	152.87	152.92	150.68	164.27	.	.
		S.E.	1.49	1.67	2.24	2.81	2.95	8.77	.	.
		N	1010	643	701	443	105	38	11	5
		GENDER								
		Male	Mean	148.29	155.47	152.77	155.21	155.54	.	.
			S.E.	2.19	2.22	4.17	4.31	6.00	.	.
			N	446	312	326	201	52	28	9
		Female	Mean	153.92	155.03	152.96	150.85	146.03	.	.
			S.E.	1.79	2.05	1.97	2.88	3.88	.	.
			N	564	331	375	242	53	10	2
		RACE/ETHNICITY								
		White	Mean	157.11	159.87	159.38	158.69	157.37	.	.
			S.E.	1.69	1.97	2.61	3.08	3.98	.	.
			N	622	406	396	245	51	21	8
		Black	Mean	132.60	137.89	137.07	140.66	.	.	.
			S.E.	2.70	3.74	3.86	4.71	.	.	.
			N	158	93	135	92	29	10	1
		Hispanic	Mean	136.09	142.33	134.64	135.87	.	.	.
			S.E.	3.85	5.67	4.29	6.68	.	.	.
			N	144	103	110	76	15	6	1
		Asian/Pacific Islander	Mean	150.08	149.34	154.44	.	.	.	.
			S.E.	6.85	4.85	4.58	.	.	.	.
		N	72	36	55	26	10	1	1	
	Native American	Mean	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	
		N	12	5	4	4	0	0	0	
	Other	Mean	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	
		N	2	0	1	0	0	0	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
<b>Computer-related Studies</b>		<b>STUDENT PROGRAM</b>								
	Academic	Mean	157.41	159.79	156.91	157.93	149.35	.	.	.
		S.E.	1.49	1.60	2.44	3.00	5.52	.	.	.
		N	717	491	511	307	46	9	0	0
	Vocational	Mean	132.33	.	.	.	.	.	.	.
		S.E.	7.40	.	.	.	.	.	.	.
		N	38	21	21	6	0	0	2	0
	Both	Mean	140.17	147.55	143.82	143.99	151.29	.	.	.
		S.E.	2.44	5.49	3.89	4.61	4.13	.	.	.
		N	203	96	145	117	57	29	9	5
	Neither	Mean	124.95	135.12	.	.	.	.	.	.
		S.E.	6.26	5.18	.	.	.	.	.	.
		N	52	35	24	13	2	0	0	0
		<b>COMMUNITY TYPE</b>								
	Urban	Mean	151.16	157.03	156.02	157.86	141.78	.	.	.
		S.E.	2.40	2.94	6.08	4.87	6.34	.	.	.
		N	348	239	241	113	32	13	4	3
	Suburban	Mean	153.79	155.01	150.60	151.45	152.93	.	.	.
		S.E.	2.71	2.98	3.07	4.20	5.79	.	.	.
		N	429	257	265	173	36	11	2	1
	Rural	Mean	147.61	153.29	152.61	151.89	152.71	.	.	.
		S.E.	2.02	3.48	2.12	4.52	4.14	.	.	.
		N	233	147	195	157	37	14	5	1

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Computer-related Studies	PUBLIC/NONPUBLIC SCHOOL										
	Public	Mean	151.19	153.40	151.11	151.52	150.68	158.16	.	.	.
		S.E.	1.57	1.78	1.63	2.75	2.95	5.68	.	.	.
		N	980	598	666	430	105	37	11	5	
	Nonpublic	Mean	154.87	166.13	168.65	.	.	.	.	.	.
		S.E.	4.81	4.59	14.16	.	.	.	.	.	.
		N	30	45	35	13	0	1	0	0	
	CENSUS REGION										
	Northeast	Mean	150.18	143.70	148.61	156.75	.	.	.	.	.
		S.E.	3.52	5.34	6.89	7.41	.	.	.	.	.
		N	149	59	71	49	6	3	1	4	
	South	Mean	147.97	152.87	153.40	153.99	149.08	.	.	.	.
S.E.		2.81	3.32	3.93	3.09	4.20	.	.	.	.	
N		325	163	366	234	71	27	5	1		
Midwest	Mean	157.92	161.50	155.95	153.98	.	.	.	.	.	
	S.E.	4.01	2.76	2.62	7.42	.	.	.	.	.	
	N	202	213	109	78	14	4	2	0		
West	Mean	149.40	155.50	151.60	143.43	.	.	.	.	.	
	S.E.	2.13	2.94	3.10	4.31	.	.	.	.	.	
	N	334	208	155	82	14	4	3	0		

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Consumer & Homemaking Education	ALL GRADUATES	Mean	158.42	150.38	143.73	145.44	135.26	.	.	.
		S.E.	1.41	2.42	2.15	2.78	3.92	.	.	.
		N	1687	453	446	250	90	22	7	1
		GENDER								
		Male	Mean	157.58	149.31	141.16	135.45	.	.	.
			S.E.	2.10	3.38	3.25	6.45	.	.	.
			N	894	226	172	63	18	1	3
		Female	Mean	159.38	151.54	145.32	149.05	137.60	.	.
			S.E.	1.53	2.60	2.32	2.34	3.98	.	.
			N	793	227	274	187	72	21	4
		RACE/ETHNICITY								
		White	Mean	163.97	156.95	148.80	149.16	142.62	.	.
			S.E.	1.50	2.54	2.43	3.46	4.42	.	.
			N	1008	286	246	145	53	9	5
		Black	Mean	143.29	131.70	132.75	133.45	.	.	.
			S.E.	3.44	5.74	3.48	4.57	.	.	.
			N	243	67	113	58	27	10	1
		Hispanic	Mean	141.30	126.64	131.20	145.12	.	.	.
			S.E.	3.29	5.50	3.99	5.24	.	.	.
			N	280	67	66	31	8	2	1
		Asian/Pacific Islander	Mean	155.14	146.86	.	.	.	.	.
			S.E.	3.85	6.85	.	.	.	.	.
			N	138	31	19	11	1	1	0
	Native American	Mean	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	
		N	16	2	1	5	1	0	0	
	Other	Mean	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	
		N	2	0	1	0	0	0	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Consumer & Homemaking Education		STUDENT PROGRAM								
	Academic	Mean	163.46	157.10	147.19	148.46	139.72	.	.	.
		S.E.	1.61	2.38	2.36	2.95	4.21	.	.	.
		N	1193	314	317	172	60	17	7	1
	Vocational	Mean	123.18	.	.	.	.	.	.	.
		S.E.	6.13	.	.	.	.	.	.	.
		N	45	12	19	7	3	2	0	0
	Both	Mean	148.71	136.59	142.02	141.33	.	.	.	.
		S.E.	2.04	6.44	4.32	4.88	.	.	.	.
		N	397	110	80	54	18	2	0	0
	Neither	Mean	137.59	.	123.72	.	.	.	.	.
		S.E.	5.62	.	6.72	.	.	.	.	.
		N	52	17	30	17	9	1	0	0
	COMMUNITY TYPE									
	Urban	Mean	159.65	147.92	143.17	141.40	.	.	.	.
		S.E.	3.10	5.90	3.60	5.54	.	.	.	.
		N	653	141	115	61	17	4	2	0
	Suburban	Mean	157.46	151.89	148.58	141.59	140.18	.	.	.
		S.E.	1.84	2.85	3.64	4.40	3.83	.	.	.
		N	655	219	172	86	32	7	2	1
	Rural	Mean	158.20	150.04	139.20	150.35	132.58	.	.	.
		S.E.	1.32	5.03	2.72	4.27	6.51	.	.	.
		N	379	93	159	103	41	11	3	0



Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Consumer & Homemaking Education	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	157.07	149.35	143.61	145.74	135.26	.	.	.
		S.E.	1.22	2.15	2.18	2.74	3.92	.	.	.
		N	1583	438	442	249	90	22	7	1
	Nonpublic	Mean	168.37	.	.	.	.	.	.	.
		S.E.	6.38	.	.	.	.	.	.	.
		N	104	15	4	1	0	0	0	0
	CENSUS REGION									
	Northeast	Mean	156.72	125.97	139.78	.	.	.	.	.
		S.E.	2.28	6.54	3.79	.	.	.	.	.
		N	234	39	45	17	6	0	1	0
	South	Mean	158.45	152.19	140.67	142.13	135.83	.	.	.
		S.E.	2.95	4.96	3.22	3.25	5.36	.	.	.
		N	658	163	192	111	49	12	6	1
	Midwest	Mean	163.18	159.10	150.98	150.85	.	.	.	.
S.E.		3.23	2.50	4.82	5.16	.	.	.	.	
N		330	120	91	59	18	4	0	0	
West	Mean	155.02	147.45	141.96	151.28	.	.	.	.	
	S.E.	2.26	4.66	4.26	4.69	.	.	.	.	
	N	465	131	118	63	17	6	0	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
General Labor Market Preparation	ALL GRADUATES	Mean	159.61	152.68	149.24	138.41	139.51	.	.	.	
		S.E.	1.93	1.61	1.55	2.47	12.52	.	.	.	
		N	1212	738	647	273	52	22	9	3	
		GENDER									
		Male	Mean	159.27	153.06	147.40	140.65	133.16	.	.	.
			S.E.	3.03	2.67	2.04	4.46	10.71	.	.	.
			N	580	361	263	119	32	13	6	3
		Female	Mean	159.93	152.31	150.50	136.56	.	.	.	.
			S.E.	2.02	1.90	2.11	3.23	.	.	.	.
			N	632	377	384	154	20	9	3	0
		RACE/ETHNICITY									
		White	Mean	165.09	157.72	153.71	146.86	145.03	.	.	.
			S.E.	2.03	2.01	1.71	3.48	18.03	.	.	.
			N	742	463	359	140	31	12	3	2
		Black	Mean	142.86	135.09	136.74	121.64	.	.	.	.
			S.E.	3.89	4.10	3.07	4.44	.	.	.	.
			N	198	82	163	60	13	3	1	0
		Hispanic	Mean	143.01	134.91	142.91	122.09	.	.	.	.
			S.E.	4.44	3.62	3.00	5.64	.	.	.	.
			N	167	123	98	49	7	6	4	1
		Asian/Pacific Islander	Mean	164.04	145.48	.	.	.	.	.	.
			S.E.	5.62	4.10	.	.	.	.	.	.
			N	89	65	24	22	0	1	0	0
		Native American	Mean	.	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.	.
			N	15	4	2	2	1	0	1	0
		Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.	
		N	1	1	1	0	0	0	0	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories									
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00		
General Labor Market Preparation	STUDENT PROGRAM										
		Academic	Mean	164.07	156.96	152.87	142.26	.	.	.	.
			S.E.	1.95	1.73	1.70	3.16	.	.	.	.
			N	885	536	461	159	25	10	4	1
		Vocational	Mean	.	.	.	.	.	.	.	.
			S.E.	.	.	.	.	.	.	.	.
			N	23	7	20	20	9	5	3	1
		Both	Mean	148.58	141.20	144.47	143.05	.	.	.	.
			S.E.	3.41	2.98	2.43	4.26	.	.	.	.
			N	279	156	138	70	15	2	1	0
		Neither	Mean	.	136.62	.	.	.	.	.	.
			S.E.	.	5.43	.	.	.	.	.	.
			N	25	39	28	24	3	5	1	1
		COMMUNITY TYPE									
		Urban	Mean	163.30	150.14	145.35	128.43	.	.	.	.
			S.E.	3.35	2.06	3.24	7.02	.	.	.	.
		N	492	244	166	70	10	6	3	2	
	Suburban	Mean	158.61	153.01	148.35	139.38	.	.	.	.	
		S.E.	2.38	2.63	2.79	2.81	.	.	.	.	
		N	487	341	228	94	14	8	2	0	
	Rural	Mean	155.30	154.74	151.71	141.43	.	.	.	.	
		S.E.	2.46	3.63	1.93	4.67	.	.	.	.	
		N	233	153	253	109	28	8	4	1	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories									
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00		
General Labor Market Preparation	PUBLIC/NONPUBLIC SCHOOL										
		Public	Mean	157.40	153.11	148.87	137.42	139.51	.	.	.
			S.E.	1.86	1.73	1.58	2.36	12.52	.	.	.
			N	1128	712	637	270	52	22	8	3
		Nonpublic	Mean	173.58	.	.	.	.	.	.	.
			S.E.	5.04	.	.	.	.	.	.	.
			N	84	26	10	3	0	0	1	0
	CENSUS REGION										
		Northeast	Mean	159.58	148.08	141.89	.	.	.	.	.
			S.E.	3.82	3.35	3.94	.	.	.	.	.
			N	132	104	79	20	1	3	3	0
		South	Mean	158.92	148.50	148.19	139.96	.	.	.	.
			S.E.	3.24	2.88	2.69	3.70	.	.	.	.
		N	563	185	302	113	21	5	2	1	
	Midwest	Mean	162.31	158.98	154.81	151.78	.	.	.	.	
		S.E.	3.60	4.05	3.01	5.07	.	.	.	.	
		N	276	170	98	48	20	8	1	1	
	West	Mean	157.05	153.17	151.39	129.79	.	.	.	.	
		S.E.	3.87	2.20	3.23	4.20	.	.	.	.	
		N	241	279	168	92	10	6	3	1	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Specific Labor Market Preparation	ALL GRADUATES	Mean	164.58	159.10	158.73	157.00	149.09	147.98	140.59	140.10
		S.E.	1.86	2.28	3.02	1.92	2.72	2.25	2.57	2.66
		N	411	248	412	506	395	339	231	413
	GENDER									
	Male	Mean	168.36	164.42	161.34	158.96	149.61	149.09	138.41	136.27
S.E.		3.09	3.76	5.25	2.62	4.88	3.16	3.57	2.63	
N		152	92	191	231	179	165	124	242	
	Female	Mean	162.33	155.72	156.22	155.51	148.62	146.94	143.45	145.99
S.E.		2.56	2.46	2.34	2.48	1.78	2.61	4.43	3.61	
N		259	156	221	275	216	174	107	171	
	RACE/ETHNICITY									
	White	Mean	169.46	167.09	165.49	161.85	156.08	154.06	146.91	142.15
S.E.		2.71	2.63	3.42	2.15	3.35	2.86	3.03	2.84	
N		256	154	247	293	220	187	138	256	
	Black	Mean	139.27	137.61	135.83	144.88	131.58	132.49	128.20	139.10
S.E.		5.28	4.79	2.76	4.81	4.26	4.02	5.04	7.61	
N		63	32	63	82	81	75	46	78	
	Hispanic	Mean	154.52	132.61	141.39	143.42	130.38	136.91	122.99	128.76
S.E.		4.65	4.71	5.34	5.77	5.31	3.73	6.52	6.85	
N		56	44	64	78	61	60	37	55	
	Asian/Pacific Islander	Mean	177.33	.	155.10	149.24	150.97	.	.	.
S.E.		6.98	.	6.30	5.18	6.75	.	.	.	
N		30	18	34	48	30	14	8	19	
	Native American	Mean	.	.	.	.	.	.	.	.
S.E.		.	.	.	.	.	.	.	.	
N		5	0	2	5	3	3	2	5	
	Other	Mean	.	.	.	.	.	.	.	.
S.E.		.	.	.	.	.	.	.	.	
N		1	0	2	0	0	0	0	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Specific Labor Market Preparation	STUDENT PROGRAM									
	Academic	Mean	165.17	160.59	159.97	158.80	148.98	151.14	142.67	145.93
		S.E.	1.86	2.23	3.06	1.89	2.79	2.73	5.49	5.41
		N	399	237	391	475	316	174	55	34
	Vocational	Mean	.	.	.	.	.	.	.	125.53
		S.E.	.	.	.	.	.	.	.	6.17
		N	0	0	0	0	3	13	15	56
	Both	Mean	.	.	.	.	156.99	149.29	141.99	142.47
		S.E.	.	.	.	.	7.84	2.68	3.63	2.99
		N	0	0	0	0	55	133	152	321
	Neither	Mean	.	.	.	123.39	.	.	.	.
		S.E.	.	.	.	6.80	.	.	.	.
		N	12	11	21	31	21	19	9	2
	COMMUNITY TYPE									
	Urban	Mean	164.32	151.23	157.86	156.24	154.64	143.98	140.85	146.14
		S.E.	2.34	4.87	7.32	4.16	5.67	4.25	3.66	5.80
N		207	76	174	147	101	99	59	129	
Suburban	Mean	166.66	160.29	157.21	157.30	146.16	149.78	137.73	139.55	
	S.E.	2.71	3.31	2.70	2.63	4.20	3.37	4.58	4.04	
	N	151	120	161	230	156	128	88	140	
Rural	Mean	160.45	163.57	162.99	157.18	148.96	148.67	143.33	136.80	
	S.E.	5.60	4.96	4.11	3.12	2.77	4.18	4.24	3.45	
	N	53	52	77	129	138	112	84	144	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories							
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Specific Labor Market Preparation	PUBLIC/NONPUBLIC SCHOOL								
	Public	Mean 164.81	159.31	156.26	155.88	148.02	148.00	140.59	140.10
		S.E. 1.79	2.39	2.06	1.86	2.31	2.26	2.57	2.66
		N 373	239	370	477	391	337	231	413
	Nonpublic	Mean 163.52	.	169.17	.	.	.	.	.
		S.E. 5.02	.	12.12	.	.	.	.	.
		N 38	9	42	29	4	2	0	0
	CENSUS REGION								
	Northeast	Mean 160.64	149.82	153.40	154.47	141.78	.	.	130.27
		S.E. 4.70	5.56	9.72	4.19	10.69	.	.	8.94
		N 71	32	49	63	35	28	23	41
	South	Mean 165.91	160.89	161.76	160.52	145.59	147.15	140.06	143.42
		S.E. 3.59	4.57	6.41	2.98	4.67	2.54	3.21	3.81
		N 105	57	166	166	188	161	111	238
	Midwest	Mean 169.67	168.61	165.56	158.21	158.94	150.56	148.83	139.59
		S.E. 3.96	4.95	3.43	3.55	4.04	6.63	6.86	3.41
		N 97	64	99	115	81	50	45	71
	West	Mean 163.30	155.99	146.88	153.00	146.14	147.60	133.94	140.83
		S.E. 1.94	3.18	3.41	4.60	3.00	3.89	5.26	3.48
		N 138	95	98	162	91	100	52	63

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
General Skills	ALL GRADUATES	Mean	154.07	151.67	152.87	148.86	146.69	.	.	.
		S.E.	1.49	2.03	2.81	3.55	5.03	.	.	.
		N	1836	425	352	228	71	29	10	4
	GENDER									
	Male	Mean	154.03	150.49	151.52	146.85	.	.	.	.
		S.E.	1.93	3.57	4.69	6.56	.	.	.	.
		N	918	197	143	84	23	7	3	2
	Female	Mean	154.11	152.67	153.86	150.01	150.33	.	.	.
		S.E.	1.75	2.49	2.77	2.94	5.72	.	.	.
		N	918	228	209	144	48	22	7	2
	RACE/ETHNICITY									
	White	Mean	160.11	156.41	158.29	154.33	152.20	.	.	.
		S.E.	1.51	2.04	3.14	4.29	7.14	.	.	.
		N	1094	236	202	145	45	21	5	3
	Black	Mean	137.08	141.65	138.19	124.06	.	.	.	.
		S.E.	2.51	5.61	4.71	5.26	.	.	.	.
		N	348	64	66	31	11	0	0	0
	Hispanic	Mean	138.13	137.45	137.78	129.49	.	.	.	.
		S.E.	3.50	3.84	5.16	4.62	.	.	.	.
		N	267	81	55	34	9	7	2	0
	Asian/Pacific Islander	Mean	151.31	150.02	.	.	.	.	.	.
		S.E.	5.06	6.24	.	.	.	.	.	.
		N	110	41	26	16	5	0	2	1
	Native American	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	15	3	3	1	1	1	1	0
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	2	0	0	1	0	0	0	0



Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
General Skills	STUDENT PROGRAM										
	Academic	Mean	158.98	156.14	158.13	151.58	156.55	.	.	.	
		S.E.	1.65	2.52	2.50	3.10	5.15	.	.	.	
		N	1263	313	252	168	58	18	6	2	
	Vocational	Mean	130.26	.	.	.	.	.	.	.	
		S.E.	4.96	.	.	.	.	.	.	.	
		N	57	9	10	7	4	0	0	1	
	Both	Mean	146.30	141.62	139.88	149.03	.	.	.	.	
		S.E.	1.90	3.69	5.08	9.81	.	.	.	.	
		N	458	77	75	40	4	6	1	0	
	Neither	Mean	124.50	.	.	.	.	.	.	.	
		S.E.	5.87	.	.	.	.	.	.	.	
		N	58	26	15	13	5	5	3	1	
	COMMUNITY TYPE										
	Urban	Mean	155.66	151.13	152.83	158.57	.	.	.	.	
		S.E.	3.00	3.32	5.66	9.20	.	.	.	.	
N		607	165	120	65	19	10	4	3		
Suburban	Mean	154.59	152.41	152.75	144.36	.	.	.	.		
	S.E.	1.99	3.44	3.58	4.75	.	.	.	.		
	N	720	162	142	112	24	8	4	1		
Rural	Mean	151.93	151.27	153.08	149.00	.	.	.	.		
	S.E.	2.18	2.73	4.80	4.54	.	.	.	.		
	N	509	98	90	51	28	11	2	0		

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories								
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
General Skills	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	153.14	150.19	151.64	146.33	144.72	.	.	.
		S.E.	1.41	2.09	2.86	2.88	5.00	.	.	.
		N	1742	411	341	224	70	29	10	4
	Nonpublic	Mean	162.44	.	.	.	.	.	.	.
		S.E.	7.33	.	.	.	.	.	.	.
		N	94	14	11	4	1	0	0	0
	CENSUS REGION									
	Northeast	Mean	150.29	150.10	.	.	.	.	.	.
		S.E.	3.20	2.72	.	.	.	.	.	.
		N	260	47	16	9	6	3	1	0
	South	Mean	152.42	147.23	154.04	153.13	.	.	.	.
		S.E.	2.49	3.59	3.46	7.94	.	.	.	.
		N	832	133	133	64	20	9	1	0
	Midwest	Mean	160.29	157.24	151.55	153.91	.	.	.	.
S.E.		3.18	4.21	6.79	4.92	.	.	.	.	
N		396	95	70	44	8	5	2	2	
West	Mean	152.69	151.19	152.75	146.96	142.94	.	.	.	
	S.E.	2.54	3.06	3.23	3.71	5.32	.	.	.	
	N	348	150	133	111	37	12	6	2	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Personal Health & Physical Education	ALL GRADUATES	Mean	.	159.32	155.34	154.99	148.96	152.59	149.67	152.23
		S.E.	.	4.13	2.64	1.98	1.84	4.82	3.61	3.93
		N	25	104	434	978	782	403	155	73
	GENDER									
	Male	Mean	.	165.09	158.08	155.63	148.36	151.62	144.53	152.91
		S.E.	.	5.54	4.15	2.70	2.26	7.61	3.98	5.68
		N	7	40	159	387	390	249	96	49
	Female	Mean	.	156.17	153.58	154.55	149.60	154.24	157.11	.
		S.E.	.	4.94	2.41	2.14	2.11	3.38	5.01	.
		N	18	64	275	591	392	154	59	24
	RACE/ETHNICITY									
	White	Mean	.	162.96	158.89	161.01	153.91	161.71	153.19	157.71
		S.E.	.	5.79	2.90	1.75	2.25	5.27	5.11	4.12
		N	15	60	279	603	447	218	82	46
	Black	Mean	.	.	141.81	134.96	134.51	134.16	.	.
		S.E.	.	.	4.19	3.40	2.90	4.59	.	.
		N	6	22	111	175	104	61	23	18
	Hispanic	Mean	.	.	.	138.50	136.26	132.44	145.18	.
		S.E.	.	.	.	7.32	3.27	6.03	5.36	.
		N	2	15	27	111	148	104	42	6
	Asian/Pacific Islander	Mean	.	.	.	153.89	147.56	.	.	.
		S.E.	.	.	.	5.53	6.14	.	.	.
		N	2	5	15	75	76	17	8	3
	Native American	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	0	1	2	12	7	3	0	0
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	0	1	0	2	0	0	0	0

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories							>5.00	
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Personal Health & Physical Education STUDENT PROGRAM										
	Academic	Mean	. 159.07	161.06	159.23	156.58	156.04	152.85	155.44	
		S.E.	. 4.70	3.59	1.98	1.75	5.56	3.61	4.12	
		N	18	84	292	684	524	296	122	60
	Vocational	Mean	. .	. .	135.14	. .	. .	. .	. .	
		S.E.	. .	. .	7.67	. .	. .	. .	. .	
		N	2	0	9	32	26	16	1	2
	Both	Mean	. .	145.40	148.46	138.15	146.71	. .	. .	
		S.E.	. .	3.67	4.07	3.44	5.34	. .	. .	
		N	2	16	126	226	179	74	27	11
	Neither	Mean	. .	. .	130.64	127.91	. .	. .	. .	
		S.E.	. .	. .	6.67	4.87	. .	. .	. .	
		N	3	4	7	36	53	17	5	0
COMMUNITY TYPE										
	Urban	Mean	. 154.43	155.34	158.01	147.99	159.17	150.17	. .	
		S.E.	. 6.21	4.21	3.34	2.75	14.15	6.40	. .	
		N	16	68	136	342	240	122	42	26
	Suburban	Mean	. .	161.35	153.53	151.11	148.64	148.64	. .	
		S.E.	. .	3.70	2.75	2.83	6.17	5.24	. .	
		N	4	19	153	396	331	185	58	27
	Rural	Mean	. .	149.69	153.87	147.25	152.22	150.33	. .	
		S.E.	. .	3.08	2.63	3.28	5.19	5.44	. .	
		N	5	17	145	240	211	96	55	20

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field		Credits Earned Categories							>5.00
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	
Personal Health & Physical Education PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	. 160.22	155.64	153.28	148.88	148.26	148.72	151.91
		S.E.	. 3.91	2.80	2.10	1.89	3.55	3.53	4.03
		N	23	102	412	930	770	371	151
	Nonpublic	Mean	. .	. .	170.83	. .	179.43	. .	. .
		S.E.	. .	. .	7.05	. .	17.86	. .	. .
		N	2	2	22	48	12	32	4
CENSUS REGION									
	Northeast	Mean	. .	147.68	147.00	155.88	140.80	. .	. .
		S.E.	. .	3.67	2.91	5.88	5.59	. .	. .
		N	3	27	40	75	111	77	7
	South	Mean	. 157.18	153.05	154.16	144.29	160.21	142.38	155.43
		S.E.	. 4.75	3.16	2.60	2.06	13.04	5.31	4.94
		N	7	51	261	388	250	131	66
	Midwest	Mean	. .	164.38	156.09	149.00	167.58	. .	. .
		S.E.	. .	4.18	3.50	6.48	8.37	. .	. .
		N	11	19	105	315	108	51	7
	West	Mean	. .	. .	158.71	146.84	145.68	158.07	. .
		S.E.	. .	. .	4.15	2.38	4.08	5.17	. .
		N	4	7	28	200	313	144	75

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Religion	ALL GRADUATES	Mean	151.52	.	.	.	171.57	165.47	.	.
		S.E.	1.16	.	.	.	22.85	4.45	.	.
		N	2787	12	24	19	42	69	3	0
	GENDER									
	Male	Mean	150.50	.	.	.	177.54	.	.	.
		S.E.	1.43	.	.	.	27.70	.	.	.
		N	1296	3	9	7	33	28	1	0
	Female	Mean	152.42	.	.	.	.	162.87	.	.
		S.E.	1.33	.	.	.	.	4.37	.	.
		N	1491	9	15	12	9	41	2	0
	RACE/ETHNICITY									
	White	Mean	157.35	.	.	.	175.35	168.04	.	.
		S.E.	1.20	.	.	.	27.17	8.92	.	.
		N	1623	11	16	18	32	49	3	0
	Black	Mean	135.86	.	.	.	.	.	.	.
		S.E.	2.26	.	.	.	.	.	.	.
		N	510	0	3	1	0	6	0	0
	Hispanic	Mean	135.03	.	.	.	.	.	.	.
		S.E.	2.21	.	.	.	.	.	.	.
		N	431	0	4	0	7	13	0	0
	Asian/Pacific Islander	Mean	151.68	.	.	.	.	.	.	.
		S.E.	3.66	.	.	.	.	.	.	.
		N	198	0	1	0	1	1	0	0
	Native American	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	23	0	0	0	2	0	0	0
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	2	1	0	0	0	0	0	0

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories								
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Religion	STUDENT PROGRAM										
	Academic	Mean	156.76	.	.	.	171.57	163.36	.	.	
		S.E.	1.19	.	.	.	22.85	3.99	.	.	
		N	1933	9	16	14	42	64	3	0	
	Vocational	Mean	125.50	.	.	.	.	.	.	.	
		S.E.	4.70	.	.	.	.	.	.	.	
		N	88	0	0	0	0	0	0	0	
	Both	Mean	143.82	.	.	.	.	.	.	.	
		S.E.	1.76	.	.	.	.	.	.	.	
		N	645	3	8	3	0	2	0	0	
	Neither	Mean	128.23	.	.	.	.	.	.	.	
		S.E.	3.73	.	.	.	.	.	.	.	
		N	121	0	0	2	0	3	0	0	
	COMMUNITY TYPE										
	Urban	Mean	151.40	.	.	.	172.25	165.67	.	.	
		S.E.	2.02	.	.	.	26.74	5.98	.	.	
N		897	2	2	8	38	46	0	0		
Suburban	Mean	152.60	.	.	.	.	.	.	.		
	S.E.	1.97	.	.	.	.	.	.	.		
	N	1137	2	19	10	3	0	3	0		
Rural	Mean	150.23	.	.	.	.	.	.	.		
	S.E.	1.22	.	.	.	.	.	.	.		
	N	753	8	3	1	1	23	0	0		

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Religion	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	151.52	.	.	.	.	.	.	.
		S.E.	1.16	.	.	.	.	.	.	.
		N	2787	12	22	9	2	0	0	0
	Nonpublic	Mean	.	.	.	.	172.14	165.47	.	.
		S.E.	.	.	.	.	24.49	4.45	.	.
		N	0	0	2	10	40	69	3	0
	CENSUS REGION									
	Northeast	Mean	148.93	.	.	.	.	.	.	.
		S.E.	3.37	.	.	.	.	.	.	.
		N	316	0	5	6	3	12	0	0
	South	Mean	149.44	.	.	.	.	.	.	.
		S.E.	1.61	.	.	.	.	.	.	.
		N	1129	5	12	12	25	6	3	0
Midwest	Mean	157.64	.	.	.	.	.	.	.	
	S.E.	2.97	.	.	.	.	.	.	.	
	N	588	7	2	1	11	13	0	0	
West	Mean	149.42	.	.	.	.	165.58	.	.	
	S.E.	1.51	.	.	.	.	2.28	.	.	
	N	754	0	5	0	3	38	0	0	



Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories								
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Military Science	ALL GRADUATES	Mean	153.33	.	132.44	.	151.70	.	.	.	
		S.E.	1.26	.	4.25	.	3.98	.	.	.	
		N	2800	14	45	23	34	28	7	5	
	GENDER										
		Male	Mean	152.70	.	.	.	.	.	.	.
			S.E.	1.80	.	.	.	.	.	.	.
			N	1294	3	19	16	23	14	5	3
		Female	Mean	153.89	.	.	.	.	.	.	.
			S.E.	1.42	.	.	.	.	.	.	.
			N	1506	11	26	7	11	14	2	2
	RACE/ETHNICITY										
		White	Mean	158.60	.	.	.	.	.	.	.
			S.E.	1.35	.	.	.	.	.	.	.
			N	1696	3	12	7	13	14	4	3
		Black	Mean	137.80	.	.	.	.	.	.	.
			S.E.	2.42	.	.	.	.	.	.	.
			N	457	6	22	6	15	11	2	1
		Hispanic	Mean	137.66	.	.	.	.	.	.	.
			S.E.	2.65	.	.	.	.	.	.	.
			N	431	4	9	6	2	1	1	1
		Asian/Pacific Islander	Mean	151.95	.	.	.	.	.	.	.
			S.E.	3.80	.	.	.	.	.	.	.
			N	193	1	1	1	3	2	0	0
	Native American	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	21	0	1	2	1	0	0	0	
	Other	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	2	0	0	1	0	0	0	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories								
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Military Science	STUDENT PROGRAM										
	Academic	Mean	158.31	.	134.47	.	.	.	.	.	.
		S.E.	1.35	.	5.68	.	.	.	.	.	.
		N	1965	11	30	17	23	24	7	4	
	Vocational	Mean	125.44	.	.	.	.	.	.	.	
		S.E.	4.83	.	.	.	.	.	.	.	
		N	85	0	1	0	2	0	0	0	
	Both	Mean	144.96	.	.	.	.	.	.	.	
		S.E.	2.14	.	.	.	.	.	.	.	
		N	637	1	12	3	4	3	0	1	
	Neither	Mean	130.97	.	.	.	.	.	.	.	
		S.E.	4.12	.	.	.	.	.	.	.	
		N	113	2	2	3	5	1	0	0	
	COMMUNITY TYPE										
	Urban	Mean	155.66	.	.	.	.	.	.	.	
		S.E.	2.80	.	.	.	.	.	.	.	
N		922	9	24	14	8	12	2	2		
Suburban	Mean	153.13	.	.	.	.	.	.	.		
	S.E.	1.92	.	.	.	.	.	.	.		
	N	1114	4	14	7	17	11	4	3		
Rural	Mean	151.50	.	.	.	.	.	.	.		
	S.E.	1.20	.	.	.	.	.	.	.		
	N	764	1	7	2	9	5	1	0		

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Military Science	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	152.09	.	132.44	.	151.70	.	.	.
		S.E.	1.14	.	4.25	.	3.98	.	.	.
		N	2676	14	45	23	34	28	7	5
	Nonpublic	Mean	166.05	.	.	.	.	.	.	.
		S.E.	5.69	.	.	.	.	.	.	.
		N	124	0	0	0	0	0	0	0
	CENSUS REGION									
	Northeast	Mean	149.32	.	.	.	.	.	.	.
		S.E.	3.10	.	.	.	.	.	.	.
		N	342	0	0	0	0	0	0	0
	South	Mean	153.11	.	130.67	.	.	.	.	.
		S.E.	2.26	.	3.87	.	.	.	.	.
		N	1078	6	37	13	25	22	6	5
	Midwest	Mean	158.53	.	.	.	.	.	.	.
		S.E.	2.58	.	.	.	.	.	.	.
		N	607	3	2	4	3	3	0	0
	West	Mean	150.73	.	.	.	.	.	.	.
S.E.		1.69	.	.	.	.	.	.	.	
N		773	5	6	6	6	3	1	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							>5.00	
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00		
Special Education	ALL GRADUATES	Mean	154.28	142.26	.	.	.	.	.	.	
		S.E.	1.17	6.39	.	.	.	.	.	.	
		N	2835	33	24	17	10	8	8	21	
	GENDER										
		Male	Mean	154.35	.	.	.	.	.	.	.
			S.E.	1.73	.	.	.	.	.	.	.
			N	1312	12	11	10	9	3	4	16
		Female	Mean	154.21	.	.	.	.	.	.	.
			S.E.	1.33	.	.	.	.	.	.	.
			N	1523	21	13	7	1	5	4	5
	RACE/ETHNICITY										
		White	Mean	159.79	.	.	.	.	.	.	.
			S.E.	1.27	.	.	.	.	.	.	.
			N	1696	13	7	9	6	5	6	10
		Black	Mean	138.15	.	.	.	.	.	.	.
			S.E.	2.16	.	.	.	.	.	.	.
			N	487	9	13	5	1	2	0	3
		Hispanic	Mean	138.86	.	.	.	.	.	.	.
			S.E.	2.52	.	.	.	.	.	.	.
			N	434	6	3	1	2	1	1	7
		Asian/Pacific Islander	Mean	152.94	.	.	.	.	.	.	.
		S.E.	4.06	.	.	.	.	.	.	.	
		N	192	5	1	2	0	0	0	1	
	Native American	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	23	0	0	0	1	0	1	0	
	Other	Mean	.	.	.	.	.	.	.	.	
		S.E.	.	.	.	.	.	.	.	.	
		N	3	0	0	0	0	0	0	0	

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories								
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
Special Education	STUDENT PROGRAM										
		Academic	Mean 158.83	.	.	.	.	.	.	.	.
			S.E. 1.25	.	.	.	.	.	.	.	.
			N 2013	24	13	5	6	5	3	12	
		Vocational	Mean 128.61	.	.	.	.	.	.	.	.
			S.E. 5.20	.	.	.	.	.	.	.	.
			N 81	0	1	1	2	1	0	2	
		Both	Mean 146.35	.	.	.	.	.	.	.	.
			S.E. 2.21	.	.	.	.	.	.	.	.
			N 625	7	10	8	2	1	3	5	
		Neither	Mean 131.71	.	.	.	.	.	.	.	.
			S.E. 3.87	.	.	.	.	.	.	.	.
			N 116	2	0	3	0	1	2	2	
		COMMUNITY TYPE									
		Urban	Mean 156.07	.	.	.	.	.	.	.	.
			S.E. 2.49	.	.	.	.	.	.	.	.
		N 949	11	14	5	4	0	2	8		
	Suburban	Mean 154.17	.	.	.	.	.	.	.	.	
		S.E. 1.81	.	.	.	.	.	.	.	.	
		N 1121	18	5	10	3	4	3	10		
	Rural	Mean 152.75	.	.	.	.	.	.	.	.	
		S.E. 1.19	.	.	.	.	.	.	.	.	
		N 765	4	5	2	3	4	3	3		

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
Special Education	PUBLIC/NONPUBLIC SCHOOL									
	Public	Mean	153.13	142.26	.	.	.	.	.	.
		S.E.	1.07	6.39	.	.	.	.	.	.
		N	2711	33	24	17	10	8	8	21
	Nonpublic	Mean	166.05	.	.	.	.	.	.	.
		S.E.	5.69	.	.	.	.	.	.	.
		N	124	0	0	0	0	0	0	0
	CENSUS REGION									
	Northeast	Mean	150.56	.	.	.	.	.	.	.
		S.E.	2.92	.	.	.	.	.	.	.
		N	328	2	2	2	3	0	1	4
	South	Mean	153.35	.	.	.	.	.	.	.
		S.E.	2.03	.	.	.	.	.	.	.
		N	1152	16	9	7	2	4	0	2
	Midwest	Mean	159.76	.	.	.	.	.	.	.
		S.E.	2.56	.	.	.	.	.	.	.
		N	594	4	8	3	3	3	3	4
	West	Mean	152.24	.	.	.	.	.	.	.
		S.E.	1.54	.	.	.	.	.	.	.
		N	761	11	5	5	2	1	4	11

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories							
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
All Courses Other Than Above	ALL GRADUATES	Mean	153.05	147.86	.	.	.	.	.	.
		S.E.	1.22	4.90	.	.	.	.	.	.
		N	2892	34	15	8	2	2	0	3
	GENDER									
	Male	Mean	152.89	.	.	.	.	.	.	.
		S.E.	1.73	.	.	.	.	.	.	.
		N	1346	17	8	4	1	0	0	1
	Female	Mean	153.20	.	.	.	.	.	.	.
		S.E.	1.41	.	.	.	.	.	.	.
		N	1546	17	7	4	1	2	0	2
	RACE/ETHNICITY									
	White	Mean	158.64	.	.	.	.	.	.	.
		S.E.	1.28	.	.	.	.	.	.	.
		N	1715	21	7	6	1	1	0	1
	Black	Mean	136.73	.	.	.	.	.	.	.
		S.E.	2.23	.	.	.	.	.	.	.
		N	517	2	1	0	0	0	0	0
	Hispanic	Mean	138.20	.	.	.	.	.	.	.
		S.E.	2.70	.	.	.	.	.	.	.
		N	436	9	4	2	1	1	0	2
	Asian/Pacific Islander	Mean	152.07	.	.	.	.	.	.	.
		S.E.	3.63	.	.	.	.	.	.	.
		N	196	2	3	0	0	0	0	0
	Native American	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	25	0	0	0	0	0	0	0
	Other	Mean	.	.	.	.	.	.	.	.
		S.E.	.	.	.	.	.	.	.	.
		N	3	0	0	0	0	0	0	0

Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Subject Field			Credits Earned Categories								
			0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00	
All Courses Other Than Above	STUDENT PROGRAM										
		Academic	Mean 157.91	.	.	.	.	.	.	.	.
			S.E. 1.31	.	.	.	.	.	.	.	.
			N 2041	24	9	5	0	2	0	0	
		Vocational	Mean 125.10	.	.	.	.	.	.	.	
			S.E. 4.70	.	.	.	.	.	.	.	
			N 86	1	0	1	0	0	0	0	
		Both	Mean 145.15	.	.	.	.	.	.	.	
			S.E. 2.16	.	.	.	.	.	.	.	
			N 648	6	4	1	2	0	0	0	
		Neither	Mean 129.48	.	.	.	.	.	.	.	
			S.E. 4.02	.	.	.	.	.	.	.	
			N 117	3	2	1	0	0	0	3	
		COMMUNITY TYPE									
		Urban	Mean 154.74	.	.	.	.	.	.	.	
			S.E. 2.76	.	.	.	.	.	.	.	
		N 979	9	3	1	0	0	0	1		
	Suburban	Mean 153.17	.	.	.	.	.	.	.		
		S.E. 1.84	.	.	.	.	.	.	.		
		N 1139	16	7	6	2	2	0	2		
	Rural	Mean 151.36	.	.	.	.	.	.	.		
		S.E. 1.12	.	.	.	.	.	.	.		
		N 774	9	5	1	0	0	0	0		



Table 117.—NAEP civics proficiency estimates of 1998 graduates by number of credits in subject area by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region (Continued)

Subject Field		Credits Earned Categories							
		0	.01 thru .50	.51 thru 1.00	1.01 thru 2.00	2.01 thru 3.00	3.01 thru 4.00	4.01 thru 5.00	>5.00
All Courses Other Than Above		PUBLIC/NONPUBLIC SCHOOL							
	Public	Mean 151.81	147.86	.	.	.	.	.	.
		S.E. 1.11	4.90	.	.	.	.	.	.
		N 2768	34	15	8	2	2	0	3
	Nonpublic	Mean 166.05	.	.	.	.	.	.	.
		S.E. 5.69	.	.	.	.	.	.	.
		N 124	0	0	0	0	0	0	0
		CENSUS REGION							
	Northeast	Mean 148.93	.	.	.	.	.	.	.
		S.E. 2.97	.	.	.	.	.	.	.
		N 339	0	1	2	0	0	0	0
	South	Mean 152.60	.	.	.	.	.	.	.
		S.E. 2.07	.	.	.	.	.	.	.
		N 1173	8	6	3	0	2	0	0
	Midwest	Mean 158.28	.	.	.	.	.	.	.
		S.E. 2.54	.	.	.	.	.	.	.
		N 608	12	1	0	0	0	0	1
	West	Mean 150.92	.	.	.	.	.	.	.
		S.E. 1.71	.	.	.	.	.	.	.
		N 772	14	7	3	2	0	0	2

NOTE: Means and standard errors based on less than 30 observations have been set to missing (.). Furthermore, users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 118.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories

Core Curriculum Categories		Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	Mean	167.61	150.00
	S.E.	2.57	1.32
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	Mean	164.44	150.06
	S.E.	2.47	1.33
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	Mean	165.87	141.68
	S.E.	1.34	1.34
4 English + 3 Social Studies + 3 Science + 3 Mathematics	Mean	161.73	140.68
	S.E.	1.26	1.47
4 English + 3 Social Studies + 2 Science + 2 Mathematics	Mean	155.96	142.29
	S.E.	1.15	2.30

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language	ALL GRADUATES	Mean	167.61	150.00
		S.E.	2.57	1.32
		N	476	2480
GENDER				
	Male	Mean	172.85	148.51
		S.E.	3.33	1.60
		N	226	1151
	Female	Mean	162.81	151.34
		S.E.	3.02	1.57
		N	250	1329
RACE/ETHNICITY				
	White	Mean	171.62	155.87
		S.E.	3.43	1.36
		N	296	1456
	Black	Mean	154.49	132.88
		S.E.	3.57	2.11
		N	77	443
	Hispanic	Mean	156.94	134.73
		S.E.	5.37	2.74
		N	62	393
	Asian/Pacific Islander	Mean	165.29	149.60
		S.E.	6.80	3.36
		N	40	161
	Native American	Mean	.	.
		S.E.	.	.
		N	1	24
	Other	Mean	.	.
		S.E.	.	.
		N	0	3

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language		STUDENT PROGRAM		
	Academic	Mean	169.43	155.05
		S.E.	2.48	1.35
		N	389	1692
	Vocational	Mean	.	125.50
		S.E.	.	4.70
		N	0	88
	Both	Mean	158.45	142.81
		S.E.	5.01	2.37
		N	87	574
	Neither	Mean	.	130.11
		S.E.	.	4.01
		N	0	126
		COMMUNITY TYPE		
	Urban	Mean	169.49	150.82
		S.E.	4.95	2.58
		N	189	804
	Suburban	Mean	167.59	151.02
		S.E.	3.45	2.02
		N	155	1019
	Rural	Mean	165.65	147.89
		S.E.	4.48	1.57
		N	132	657

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	165.69	149.27
		S.E.	2.25	1.28
		N	433	2399
	Nonpublic	Mean	176.37	160.29
		S.E.	8.16	5.15
		N	43	81
		CENSUS REGION		
	Northeast	Mean	161.75	147.22
		S.E.	5.34	3.44
		N	53	289
	South	Mean	166.15	147.35
		S.E.	4.40	2.14
		N	263	929
	Midwest	Mean	175.61	155.19
		S.E.	2.86	2.99
		N	93	529
	West	Mean	166.81	149.66
		S.E.	4.18	1.83
		N	67	733

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer	ALL GRADUATES	Mean	164.44	150.06
		S.E.	2.47	1.33
		N	578	2378
GENDER				
	Male	Mean	168.89	148.47
		S.E.	3.72	1.63
		N	273	1104
	Female	Mean	160.35	151.48
		S.E.	2.70	1.58
		N	305	1274
RACE/ETHNICITY				
	White	Mean	169.59	155.75
		S.E.	3.31	1.40
		N	351	1401
	Black	Mean	146.49	133.85
		S.E.	4.23	2.13
		N	107	413
	Hispanic	Mean	152.83	134.60
		S.E.	5.75	2.76
		N	78	377
	Asian/Pacific Islander	Mean	165.68	149.42
		S.E.	6.72	3.36
		N	41	160
	Native American	Mean	.	.
		S.E.	.	.
		N	1	24
	Other	Mean	.	.
		S.E.	.	.
		N	0	3

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer		STUDENT PROGRAM		
Academic		Mean	166.05	155.44
		S.E.	2.50	1.35
		N	461	1620
Vocational		Mean	.	125.50
		S.E.	.	4.70
		N	0	88
Both		Mean	157.48	142.12
		S.E.	4.11	2.42
		N	117	544
Neither		Mean	.	130.11
		S.E.	.	4.01
		N	0	126
		COMMUNITY TYPE		
Urban		Mean	165.24	151.30
		S.E.	5.22	2.53
		N	234	759
Suburban		Mean	162.73	151.43
		S.E.	3.06	2.05
		N	183	991
Rural		Mean	164.98	147.04
		S.E.	4.35	1.64
		N	161	628

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	162.49	149.28
		S.E.	2.12	1.30
		N	534	2298
	Nonpublic	Mean	175.24	160.74
		S.E.	8.63	5.03
		N	44	80
		CENSUS REGION		
	Northeast	Mean	156.51	147.77
		S.E.	5.31	3.63
		N	66	276
	South	Mean	162.66	147.85
		S.E.	4.26	2.16
		N	312	880
	Midwest	Mean	172.34	154.90
		S.E.	2.55	3.05
		N	117	505
	West	Mean	167.05	149.21
		S.E.	3.45	1.83
		N	83	717



Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language	ALL GRADUATES	Mean	165.87	141.68
		S.E.	1.34	1.34
		N	1342	1614
GENDER				
	Male	Mean	168.89	140.36
		S.E.	2.35	1.69
		N	578	799
	Female	Mean	163.52	143.03
		S.E.	1.49	1.58
		N	764	815
RACE/ETHNICITY				
	White	Mean	169.68	147.87
		S.E.	1.65	1.53
		N	863	889
	Black	Mean	151.26	126.20
		S.E.	2.66	2.22
		N	208	312
	Hispanic	Mean	154.87	128.53
		S.E.	3.21	2.70
		N	153	302
	Asian/Pacific Islander	Mean	161.53	140.58
		S.E.	5.09	3.41
		N	114	87
	Native American	Mean	.	.
		S.E.	.	.
		N	4	21
	Other	Mean	.	.
		S.E.	.	.
		N	0	3

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language		STUDENT PROGRAM		
	Academic	Mean	167.55	146.41
		S.E.	1.28	1.70
		N	1091	990
	Vocational	Mean	.	125.50
		S.E.	.	4.70
		N	0	88
	Both	Mean	157.61	137.38
		S.E.	3.98	2.04
		N	251	410
	Neither	Mean	.	130.11
		S.E.	.	4.01
		N	0	126
		COMMUNITY TYPE		
	Urban	Mean	167.00	141.11
		S.E.	2.21	2.52
		N	473	520
	Suburban	Mean	164.79	142.85
		S.E.	1.73	2.64
		N	540	634
	Rural	Mean	166.06	140.77
		S.E.	2.58	1.89
		N	329	460

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics + 2 Foreign Language		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	164.76	141.14
		S.E.	1.23	1.37
		N	1262	1570
	Nonpublic	Mean	174.02	150.92
		S.E.	4.64	6.76
		N	80	44
		CENSUS REGION		
	Northeast	Mean	161.62	140.17
		S.E.	3.55	3.06
		N	147	195
	South	Mean	163.89	135.30
		S.E.	2.32	1.77
		N	662	530
	Midwest	Mean	174.25	146.64
		S.E.	2.27	3.36
		N	249	373
	West	Mean	163.64	143.70
		S.E.	1.82	1.94
		N	284	516

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics	ALL GRADUATES	Mean	161.73	140.68
		S.E.	1.26	1.47
		N	1717	1239
GENDER				
	Male	Mean	163.14	139.28
		S.E.	2.11	1.89
		N	767	610
	Female	Mean	160.54	142.08
		S.E.	1.35	1.70
		N	950	629
RACE/ETHNICITY				
	White	Mean	166.48	146.75
		S.E.	1.52	1.76
		N	1070	682
	Black	Mean	143.86	125.53
		S.E.	2.55	2.89
		N	313	207
	Hispanic	Mean	151.09	126.73
		S.E.	3.53	2.52
		N	199	256
	Asian/Pacific Islander	Mean	159.08	139.95
		S.E.	5.21	4.00
		N	129	72
	Native American	Mean	.	.
		S.E.	.	.
		N	6	19
	Other	Mean	.	.
		S.E.	.	.
		N	0	3

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold	
4 English + 3 Social Studies + 3 Science + 3 Mathematics	STUDENT PROGRAM				
	Academic	Mean	164.03	146.54	
		S.E.	1.25	1.88	
		N	1330	751	
	Vocational	Mean	.	125.50	
		S.E.	.	4.70	
		N	0	88	
	Both	Mean	152.86	134.50	
		S.E.	3.06	2.39	
		N	387	274	
	Neither	Mean	.	130.11	
		S.E.	.	4.01	
		N	0	126	
	COMMUNITY TYPE				
	Urban	Mean	163.36	140.10	
		S.E.	2.35	2.68	
N		592	401		
Suburban	Mean	160.35	142.91		
	S.E.	1.51	3.04		
	N	679	495		
Rural	Mean	161.82	138.55		
	S.E.	2.38	2.31		
	N	446	343		

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 3 Science + 3 Mathematics		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	160.47	139.89
		S.E.	1.16	1.51
		N	1635	1197
	Nonpublic	Mean	173.28	151.45
		S.E.	4.67	7.09
		N	82	42
	CENSUS REGION			
	Northeast	Mean	157.41	140.94
		S.E.	3.53	3.37
		N	179	163
	South	Mean	158.33	134.72
		S.E.	2.06	2.13
		N	859	333
	Midwest	Mean	172.45	144.08
		S.E.	2.07	3.53
		N	299	323
	West	Mean	160.62	141.16
		S.E.	1.90	2.24
		N	380	420

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 2 Science + 2 Mathematics	ALL GRADUATES	Mean	155.96	142.29
		S.E.	1.15	2.30
		N	2328	628
GENDER				
	Male	Mean	156.09	141.75
		S.E.	1.79	2.98
		N	1062	315
	Female	Mean	155.86	142.87
		S.E.	1.32	2.53
		N	1266	313
RACE/ETHNICITY				
	White	Mean	161.57	148.60
		S.E.	1.31	2.56
		N	1374	378
	Black	Mean	138.92	125.88
		S.E.	2.47	3.52
		N	423	97
	Hispanic	Mean	142.81	119.34
		S.E.	2.61	4.28
		N	350	105
	Asian/Pacific Islander	Mean	155.59	138.96
		S.E.	4.77	6.78
		N	162	39
	Native American	Mean	.	.
		S.E.	.	.
		N	17	8
	Other	Mean	.	.
		S.E.	.	.
		N	2	1

Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold	
4 English + 3 Social Studies + 2 Science + 2 Mathematics	STUDENT PROGRAM				
	Academic	Mean	159.35	151.07	
		S.E.	1.16	3.18	
		N	1718	363	
	Vocational	Mean	.	126.69	
		S.E.	.	5.68	
		N	21	67	
	Both	Mean	147.17	133.00	
		S.E.	2.38	3.97	
		N	565	96	
	Neither	Mean	.	129.97	
		S.E.	.	4.17	
		N	24	102	
	COMMUNITY TYPE				
	Urban	Mean	157.26	141.80	
		S.E.	2.62	4.95	
N		819	174		
Suburban	Mean	155.91	143.66		
	S.E.	1.56	4.38		
	N	901	273		
Rural	Mean	154.69	140.99		
	S.E.	1.51	3.50		
	N	608	181		



Table 119.—NAEP civics proficiency estimates of 1998 graduates by core curriculum categories by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

Core Curriculum Categories			Met Threshold	Failed Threshold
4 English + 3 Social Studies + 2 Science + 2 Mathematics		PUBLIC/NONPUBLIC SCHOOL		
	Public	Mean	154.76	141.34
		S.E.	1.02	2.34
		N	2224	608
	Nonpublic	Mean	167.83	.
		S.E.	5.21	.
		N	104	20
		CENSUS REGION		
	Northeast	Mean	151.78	143.44
		S.E.	3.06	4.98
		N	248	94
	South	Mean	154.92	133.80
		S.E.	2.05	3.83
		N	1018	174
	Midwest	Mean	163.13	147.63
		S.E.	2.47	4.06
		N	417	205
	West	Mean	153.64	138.42
		S.E.	1.59	3.34
		N	645	155

NOTE: Users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 120.—NAEP civics proficiency estimates of 1998 graduates by grade point average by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region

		GPA Categories						
		A	B	C	D	F	Other	Missing
ALL GRADUATES	Mean	179.77	154.10	132.72	.	.	.	.
	S.E.	1.35	1.34	1.78	.	.	.	.
	N	514	1605	829	8	0	0	0
GENDER								
Male	Mean	185.62	157.46	132.03	.	.	.	.
	S.E.	2.48	2.17	2.28	.	.	.	.
	N	178	735	458	6	0	0	0
Female	Mean	176.75	151.11	133.63	.	.	.	.
	S.E.	1.42	1.20	2.09	.	.	.	.
	N	336	870	371	2	0	0	0
RACE/ETHNICITY								
White	Mean	181.73	158.30	137.87	.	.	.	.
	S.E.	1.31	1.56	2.12	.	.	.	.
	N	395	948	407	2	0	0	0
Black	Mean	166.63	141.59	126.94	.	.	.	.
	S.E.	4.58	2.64	3.10	.	.	.	.
	N	32	259	227	2	0	0	0
Hispanic	Mean	160.87	144.18	119.97	.	.	.	.
	S.E.	8.23	2.26	3.34	.	.	.	.
	N	38	264	149	4	0	0	0
Asian/Pacific Islander	Mean	175.16	151.46	.	.	.	.	.
	S.E.	6.34	2.94	.	.	.	.	.
	N	49	123	29	0	0	0	0
Native American	Mean	.	.	.	.	.	.	.
	S.E.	.	.	.	.	.	.	.
	N	0	11	14	0	0	0	0
Other	Mean	.	.	.	.	.	.	.
	S.E.	.	.	.	.	.	.	.
	N	0	0	3	0	0	0	0

Table 120.—NAEP civics proficiency estimates of 1998 graduates by grade point average by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

		GPA Categories						
		A	B	C	D	F	Other	Missing
STUDENT PROGRAM								
Academic	Mean	180.50	156.90	138.66	.	.	.	.
	S.E.	1.27	1.55	2.15	.	.	.	.
	N	426	1168	482	5	0	0	0
Vocational	Mean	.	132.15	120.30	.	.	.	.
	S.E.	.	8.03	4.98	.	.	.	.
	N	2	34	50	2	0	0	0
Both	Mean	176.72	149.21	124.53	.	.	.	.
	S.E.	3.66	2.10	2.91	.	.	.	.
	N	83	354	223	1	0	0	0
Neither	Mean	.	133.07	126.55	.	.	.	.
	S.E.	.	6.27	5.19	.	.	.	.
	N	3	49	74	0	0	0	0
COMMUNITY TYPE								
Urban	Mean	182.69	156.73	134.92	.	.	.	.
	S.E.	1.97	3.07	2.62	.	.	.	.
	N	155	531	303	4	0	0	0
Suburban	Mean	180.01	154.60	132.25	.	.	.	.
	S.E.	2.35	1.75	2.82	.	.	.	.
	N	204	636	332	2	0	0	0
Rural	Mean	177.13	151.16	131.03	.	.	.	.
	S.E.	2.34	2.16	2.15	.	.	.	.
	N	155	438	194	2	0	0	0

Table 120.—NAEP civics proficiency estimates of 1998 graduates by grade point average by gender, race/ethnicity, student program, community type, school type (public/nonpublic), and region  
(Continued)

		GPA Categories						
		A	B	C	D	F	Other	Missing
PUBLIC/NONPUBLIC SCHOOL								
Public	Mean	178.94	152.96	131.65	.	.	.	.
	S.E.	1.40	1.19	1.88	.	.	.	.
	N	486	1536	802	8	0	0	0
Nonpublic	Mean	.	165.90	.	.	.	.	.
	S.E.	.	7.92	.	.	.	.	.
	N	28	69	27	0	0	0	0
CENSUS REGION								
Northeast	Mean	177.80	155.81	135.19	.	.	.	.
	S.E.	4.33	3.79	5.21	.	.	.	.
	N	34	158	147	3	0	0	0
South	Mean	174.77	154.04	131.30	.	.	.	.
	S.E.	2.59	2.94	1.70	.	.	.	.
	N	191	689	310	2	0	0	0
Midwest	Mean	187.30	157.66	133.08	.	.	.	.
	S.E.	1.93	1.90	3.91	.	.	.	.
	N	141	291	188	2	0	0	0
West	Mean	176.34	149.81	130.91	.	.	.	.
	S.E.	1.66	1.91	2.49	.	.	.	.
	N	148	467	184	1	0	0	0

NOTE: Means and standard errors based on less than 30 observations have been set to missing (.). Furthermore, users are cautioned against performing t-tests on cells with NAEP proficiency estimates that have been calculated with an N smaller than 62. NAEP considers a cell size of 62 the minimum required for performing meaningful comparisons.

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses)

CSCC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
010100	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER	.	.	.	.	.	.	1,978	0.07
010111	AGRIBUSINESS, INTRODUCTION	15,593	0.54	12,290	0.51	20,691	0.75	18,117	0.63
010121	AGRICULTURAL BUSINESS OPERATION	12,844	0.45	14,764	0.61	9,453	0.34	7,716	0.27
010131	FARM AND RANCH MANAGEMENT	872	0.03	5,537	0.23	9,355	0.34	9,919	0.35
010141	STATE AND COMMUNITY AGRICULTURE	2,012	0.07	.	.	.	.	844	0.03
010151	AGRICULTURAL MATHEMATICS	114	0.00	397	0.02	313	0.01	1,690	0.06
010161	AGRICULTURAL MICROPROCESSING	.	.	.	.	382	0.01	.	.
010171	AGRICULTURE COOPERATIVES	6,882	0.24	9,571	0.40	13,099	0.48	11,512	0.40
010172	AGRICULTURAL COOPERATIVE EDUCATION II	1,024	0.04	701	0.03	1,835	0.07	.	.
010181	AGRICULTURE, INDEPENDENT STUDY	3,815	0.13	2,611	0.11	.	.	3,629	0.13
010182	SOEP - SUPERVISED OCCUPATIONAL	1,975	0.07	2,293	0.10	.	.	.	.
010200	AGRICULTURAL MECHANICS, OTHER	.	.	697	0.03	.	.	359	0.01
010211	AGRICULTURAL MECHANICS, GENERAL	52,022	1.82	55,028	2.29	30,380	1.10	28,218	0.98
010212	AGRICULTURAL MECHANICS 2	6,873	0.24	10,444	0.43	6,516	0.24	20,495	0.71
010213	AGRICULTURAL MECHANICS 3	2,138	0.07	444	0.02	1,065	0.04	4,188	0.15
010214	AGRICULTURAL MECHANICS 4	683	0.02	277	0.01	.	.	3,398	0.12
010221	WELDING, AGRICULTURAL	12,913	0.45	13,187	0.55	2,272	0.08	2,106	0.07
010231	POWER AND MACHINERY, AGRICULTURAL	2,370	0.08	8,591	0.36	5,421	0.20	7,574	0.26
010241	FARM CONSTRUCTION	10,065	0.35	10,384	0.43	7,954	0.29	3,145	0.11
010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL	305	0.01	2,597	0.11	1,776	0.06	483	0.02
010261	SOIL AND WATER MECHANICAL PRACTICES	.	.	1,995	0.08	3,401	0.12	1,046	0.04
010271	SURVEYING, AGRICULTURAL	.	.	.	.	.	.	45	0.00
010300	AGRICULTURAL PRODUCTION, OTHER	.	.	.	.	.	.	1,645	0.06
010311	AGRICULTURAL PRODUCTION, GENERAL	10,780	0.38	14,174	0.59	10,210	0.37	9,880	0.34
010312	AGRICULTURE TECHNOLOGY 1	24,396	0.85	8,036	0.33	7,843	0.29	11,126	0.39
010313	AGRICULTURE TECHNOLOGY 2	2,424	0.08	2,534	0.11	3,604	0.13	7,090	0.25
010321	ANIMAL PRODUCTION	10,648	0.37	6,331	0.26	6,978	0.25	9,695	0.34
010331	CROP PRODUCTION	.	.	964	0.04	5,842	0.21	8,439	0.29
010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER	.	.	.	.	.	.	1,847	0.06
010411	AGRICULTURAL PRODUCTS AND PROCESSING I	4,859	0.17	5,456	0.23	.	.	.	.
010412	AGRICULTURAL PRODUCTS AND PROCESSING II	1,140	0.04	368	0.02	.	.	.	.
010511	AGRICULTURAL SUPPLIES MARKETING	.	.	1,202	0.05	445	0.02	517	0.02
010521	ANIMAL GROOMING	170	0.01	759	0.03	.	.	817	0.03
010600	HORTICULTURE, OTHER	.	.	.	.	.	.	956	0.03
010611	HORTICULTURE	43,172	1.51	35,401	1.47	24,135	0.88	39,196	1.37
010621	FLORICULTURE	6,423	0.22	9,420	0.39	3,534	0.13	3,571	0.12
010631	LANDSCAPING	12,961	0.45	14,578	0.61	5,023	0.18	4,432	0.15

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSCS Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
010632	LANDSCAPING, ADVANCED	2,244	0.08	142	0.01	.	.	.	.
010641	GREENHOUSE MANAGEMENT	7,449	0.26	3,919	0.16	746	0.03	1,088	0.04
010651	NURSERY OPERATIONS AND MANAGEMENT	1,439	0.05	3,076	0.13	1,863	0.07	1,910	0.07
010661	HORTICULTURE POWER EQUIPMENT OPERATION AND MAINTENANCE	.	.	.	.	.	.	1,194	0.04
010662	HORTICULTURAL MECHANICS II	.	.	72	0.00	.	.	.	.
010681	FRUIT AND VEGETABLE PRODUCTION	1,328	0.05	1,080	0.04	4,478	0.16	702	0.02
019900	AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER	.	.	.	.	.	.	398	0.01
020100	AGRICULTURAL SCIENCES, OTHER GENERAL	.	.	.	.	.	.	2,488	0.09
020111	AGRICULTURAL SCIENCES, GENERAL	53,889	1.88	32,739	1.36	40,325	1.47	43,092	1.50
020121	AGRICULTURAL OCCUPATIONS 1	46,331	1.62	83,099	3.46	63,514	2.31	72,153	2.51
020122	AGRICULTURAL OCCUPATIONS 2	33,515	1.17	33,073	1.38	29,504	1.07	32,806	1.14
020123	AGRICULTURAL OCCUPATIONS 3	18,877	0.66	8,893	0.37	14,464	0.53	28,158	0.98
020124	AGRICULTURAL OCCUPATIONS 4	11,838	0.41	10,580	0.44	11,470	0.42	19,049	0.66
020200	ANIMAL SCIENCES, OTHER	.	.	.	.	.	.	275	0.01
020211	ANIMAL SCIENCES 1	25,798	0.90	27,825	1.16	23,326	0.85	18,291	0.64
020212	ANIMAL SCIENCES 2	1,087	0.04	736	0.03	68	0.00	1,651	0.06
020221	LIVESTOCK 9	2,146	0.07	7,072	0.29	3,161	0.11	4,546	0.16
020222	LIVESTOCK 10	.	.	1,242	0.05	.	.	2,292	0.08
020231	POULTRY	.	.	557	0.02	.	.	.	.
020241	DAIRY PRODUCTION	.	.	1,128	0.05	2,234	0.08	62	0.00
020251	NUTRITION AND FEEDS	261	0.01	214	0.01	.	.	.	.
020261	HORSE PRODUCTION	9,692	0.34	7,803	0.32	1,152	0.04	1,114	0.04
020262	HORSESHOEING/FARRIER TRAINING	800	0.03	.	.	.	.	.	.
020271	SMALL ANIMAL PRODUCTION 1	1,713	0.06	723	0.03	948	0.03	809	0.03
020272	SMALL ANIMAL PRODUCTION 2	.	.	612	0.03	.	.	.	.
020281	FISH PRODUCTION	1,011	0.04	.	.	.	.	.	.
020300	FOOD SCIENCES, OTHER	.	.	279	0.01	.	.	141	0.00
020400	PLANT SCIENCES, OTHER	.	.	.	.	.	.	218	0.01
020411	AGRONOMY	14,983	0.52	12,417	0.52	6,874	0.25	8,470	0.30
020421	ORNAMENTAL HORTICULTURE 1	11,246	0.39	8,207	0.34	8,661	0.31	6,617	0.23
020422	ORNAMENTAL HORTICULTURE 2	4,547	0.16	3,305	0.14	2,084	0.08	1,098	0.04
020423	ORNAMENTAL HORTICULTURE 3	154	0.01	228	0.01	1,841	0.07	677	0.02
020511	SOIL SCIENCES, GENERAL	1,566	0.05	4,190	0.17	2,134	0.08	2,892	0.10
020521	FERTILIZERS AND CHEMICALS	.	.	2,092	0.09	.	.	566	0.02
029900	AGRICULTURAL SCIENCES, OTHER	.	.	418	0.02	.	.	1,377	0.05
030100	RENEWABLE NATURAL RESOURCES, OTHER GENERAL	.	.	883	0.04	.	.	1,904	0.07
030200	CONSERVATION AND REGULATION, OTHER	.	.	.	.	.	.	3,060	0.11
030211	CONSERVATION AND REGULATION	8,952	0.31	12,929	0.54	21,511	0.78	17,434	0.61
030212	ENVIRONMENTAL MANAGEMENT 1	10,891	0.38	4,956	0.21	4,467	0.16	.	.
030213	ENVIRONMENTAL MANAGEMENT 2	326	0.01	141	0.01	.	.	.	.

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSCC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
030300	FISHING AND FISHERIES, OTHER	.	.	.	.	.	.	712	0.02
030311	WATERMAN OCCUPATIONS	485	0.02	.	.	.	.	136	0.00
030500	FORESTRY AND RELATED SCIENCES, OTHER	.	.	.	.	.	.	452	0.02
030511	FORESTRY SCIENCE 1	10,000	0.35	4,524	0.19	5,860	0.21	9,795	0.34
030512	FORESTRY SCIENCE 2	939	0.03	57	0.00	1,598	0.06	1,091	0.04
030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE	.	.	.	.	1,021	0.04	.	.
030600	WILDLIFE MANAGEMENT, OTHER	.	.	.	.	.	.	321	0.01
030611	WILDLIFE MANAGEMENT	24,676	0.86	25,111	1.04	11,192	0.41	6,530	0.23
030621	RURAL RECREATION	97	0.00	69	0.00	113	0.00	176	0.01
030711	MARINE MANAGEMENT/OCEANOGRAPHY 1	10,639	0.37	261	0.01	965	0.04	.	.
030712	MARINE MANAGEMENT/OCEANOGRAPHY 2	907	0.03	.	.	.	.	.	.
040100	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER	.	.	226	0.01	100	0.00	.	.
040200	ARCHITECTURE, OTHER	187	0.01	.	.	.	.	.	.
040211	ARCHITECTURE, INTRODUCTION	836	0.03	1,022	0.04	8,386	0.30	5,515	0.19
040212	ARCHITECTURE, ADVANCED	.	.	533	0.02	585	0.02	852	0.03
040221	ARCHITECTURAL THEORY	.	.	46	0.00	794	0.03	3,061	0.11
040300	CITY, COMMUNITY, AND REGIONAL PLANNING, OTHER	.	.	344	0.01	.	.	468	0.02
040400	ENVIRONMENTAL DESIGN, OTHER	2,925	0.10	.	.	.	.	1,026	0.04
040500	INTERIOR DESIGN, OTHER	.	.	.	.	.	.	417	0.01
040511	INTERIOR DESIGN	2,476	0.09	694	0.03	1,954	0.07	26,557	0.93
040700	URBAN DESIGN, OTHER	.	.	413	0.02	.	.	.	.
050100	AREA STUDIES, OTHER	93	0.00	.	.	6,896	0.25	3,995	0.14
050101	AREA STUDIES	1,920	0.07	24,682	1.03	29,613	1.08	12,336	0.43
050102	AMERICAN STUDIES, BASIC	19,830	0.69	2,755	0.11	1,798	0.07	50,476	1.76
050103	AMERICAN STUDIES, GENERAL	47,382	1.66	23,597	0.98	89,495	3.25	153,299	5.34
050104	AMERICA'S PEOPLE AND PROBLEMS	28,784	1.01	6,654	0.28	335	0.01	17,058	0.59
050105	AMERICAN STUDIES, HONORS	1,693	0.06	3,625	0.15	17,793	0.65	8,926	0.31
050107	OLD SOUTH	74	0.00	.	.	.	.	368	0.01
050108	AMERICAN WEST	2,795	0.10	.	.	.	.	19,903	0.69
050109	SOUTHWEST UNITED STATES	.	.	.	.	.	.	1,709	0.06
050110	ANGLO AMERICA	.	.	.	.	.	.	2,744	0.10
050111	NORTH AMERICA AND CURRENT EVENTS	563	0.02	34	0.00	346	0.01	9,699	0.34
050112	NORTH AND SOUTH AMERICA	2,551	0.09	1,659	0.07	.	.	325	0.01
050113	LATIN AMERICA	11,135	0.39	1,945	0.08	1,790	0.07	8,010	0.28
050114	WORLD STUDIES 1	392,357	13.71	172,902	7.19	228,498	8.31	255,336	8.90
050115	WORLD STUDIES 2	119,614	4.18	90,725	3.77	78,881	2.87	33,757	1.18
050116	WORLD STUDIES, HONORS	29,357	1.03	26,115	1.09	12,761	0.46	4,705	0.16
050117	COMPARATIVE WORLD CULTURES	36,540	1.28	1,386	0.06	19,993	0.73	2,801	0.10
050118	EUROPEAN CULTURE STUDIES, BASIC	2,366	0.08	2,900	0.12	1,404	0.05	20,350	0.71
050119	EUROPEAN CULTURE STUDIES, GENERAL	47,405	1.66	58,436	2.43	35,989	1.31	72,296	2.52

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSCC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
050120	EUROPEAN CULTURE STUDIES, HONORS	2,506	0.09	5,484	0.23	381	0.01	4,516	0.16
050121	DEVELOPING NATIONS	.	.	.	.	2,968	0.11	1,888	0.07
050122	AFRICAN AREA STUDIES	6,773	0.24	1,615	0.07	57	0.00	14,146	0.49
050123	AFRICA AND SOUTH AMERICA	5,709	0.20	1,657	0.07	.	.	310	0.01
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC	.	.	1,097	0.05	1,444	0.05	9,684	0.34
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL	22,169	0.77	55,240	2.30	53,976	1.96	62,267	2.17
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS	.	.	4,531	0.19	5,098	0.19	3,695	0.13
050127	ASIAN STUDIES	36,942	1.29	6,449	0.27	17,300	0.63	20,110	0.70
050128	HISTORY OF CHINA	2,006	0.07	1,037	0.04	582	0.02	2,140	0.07
050129	ASIA, AFRICA AND MIDEAST	14,587	0.51	6,232	0.26	10,567	0.38	10,828	0.38
050130	AFRICA AND MIDDLE EAST	.	.	497	0.02	.	.	5,427	0.19
050131	MIDDLE EASTERN STUDIES	3,978	0.14	775	0.03	1,362	0.05	5,302	0.18
050132	MIDDLE EAST, WAR FOR SURVIVAL	.	.	.	.	.	.	4,032	0.14
050133	U S S R	.	.	6,576	0.27	1,516	0.06	8,471	0.30
050134	SOVIET UNION AND CHINA	.	.	103	0.00	690	0.03	455	0.02
050135	SOVIET UNION AND AFRO AMERICAN DEVELOPING NATIONS	.	.	122	0.01	1,181	0.04	1,129	0.04
050136	HISTORY OF RUSSIA	.	.	270	0.01	1,300	0.05	3,111	0.11
050137	NEGLECTED WORLD	.	.	47	0.00	157	0.01	861	0.03
050138	GLOBAL EDUCATION	64,351	2.25	109,326	4.55	103,428	3.76	30,069	1.05
050139	PACIFIC RIM NATIONS	149	0.01	.	.	181	0.01	.	.
050140	CANADIAN AREA STUDIES	1,542	0.05	139	0.01	.	.	.	.
050200	ETHNIC STUDIES, OTHER	78	0.00	439	0.02	.	.	3,717	0.13
050211	MINORITIES IN AMERICA	35,541	1.24	14,097	0.59	14,436	0.52	39,154	1.36
050221	ETHNIC AND FAMILY HERITAGE	.	.	192	0.01	.	.	1,446	0.05
050231	AFRO AMERICAN STUDIES	23,764	0.83	29,125	1.21	14,580	0.53	17,807	0.62
050241	ECONOMICS OF AFRO AMERICANS	.	.	.	.	.	.	111	0.00
050251	INDIANS OF NORTH AMERICA	8,136	0.28	9,558	0.40	462	0.02	7,443	0.26
050261	JEWISH HISTORICAL SIGNIFICANCE	376	0.01	.	.	.	.	.	.
050271	MEXICAN AMERICAN HERITAGE	2,415	0.08	538	0.02	186	0.01	2,271	0.08
050281	HAWAIIANA	3,675	0.13	5,731	0.24	11,254	0.41	2,837	0.10
050291	HAWAIIAN CULTURE STUDIES, MODERN	35,900	1.25	21,822	0.91	208	0.01	1,727	0.06
059900	AREA AND ETHNIC STUDIES, OTHER	.	.	.	.	185	0.01	493	0.02
060100	BUSINESS AND MANAGEMENT, OTHER GENERAL	669	0.02	244	0.01	1,069	0.04	4,986	0.17
060111	BUSINESS INTRODUCTION	205,943	7.20	218,597	9.09	283,748	10.32	424,965	14.81
060121	BUSINESS LAW	116,658	4.08	178,449	7.42	203,210	7.39	236,727	8.25
060131	BUSINESS, INDEPENDENT STUDY	3,033	0.11	6,549	0.27	3,530	0.13	12,864	0.45
060141	BUSINESS EDUCATION, COOPERATIVE	33,646	1.18	7,587	0.32	5,137	0.19	12,876	0.45
060200	ACCOUNTING, OTHER	670	0.02	.	.	.	.	25	0.00



Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

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		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
060211	ACCOUNTING/BUSINESS MANAGEMENT CAREERS	1,574	0.05	1,786	0.07	1,223	0.04	.	.
060300	BANKING AND FINANCE, OTHER	228	0.01	.	.	.	.	3,620	0.13
060311	FINANCIAL CAREERS	4,847	0.17	8,889	0.37	1,799	0.07	2,390	0.08
060331	CONSUMER LENDING	.	.	.	.	365	0.01	.	.
060400	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER	.	.	.	.	.	.	1,811	0.06
060411	BUSINESS ORGANIZATION AND MANAGEMENT	41,533	1.45	56,484	2.35	58,318	2.12	32,965	1.15
060500	BUSINESS ECONOMICS, OTHER	.	.	.	.	.	.	41	0.00
060511	BUSINESS ECONOMICS	36,271	1.27	16,290	0.68	14,282	0.52	8,809	0.31
060600	HUMAN RESOURCES DEVELOPMENT, OTHER	.	.	.	.	.	.	2,804	0.10
060711	HOTEL AND MOTEL MANAGEMENT	890	0.03	348	0.01	458	0.02	1,097	0.04
060712	HOTEL AND MOTEL TRAINING	870	0.03	243	0.01	2,350	0.09	389	0.01
060811	INSURANCE CAREERS	.	.	671	0.03	997	0.04	308	0.01
060900	INTERNATIONAL BUSINESS MANAGEMENT, OTHER	464	0.02	1,255	0.05	.	.	171	0.01
061011	INVESTMENTS AND TAXATION	321	0.01	5,606	0.23	1,211	0.04	109	0.00
061100	LABOR INDUSTRIAL RELATIONS, OTHER	.	.	.	.	.	.	2,659	0.09
061200	MANAGEMENT INFORMATION SYSTEMS, OTHER	.	.	.	.	.	.	529	0.02
061300	MANAGEMENT SCIENCE, OTHER	.	.	553	0.02	.	.	945	0.03
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER	.	.	.	.	.	.	223	0.01
061411	MARKETING MANAGEMENT AND DECISION MAKING	22,630	0.79	6,828	0.28	3,065	0.11	15,990	0.56
061500	ORGANIZATIONAL BEHAVIOR, OTHER	.	.	.	.	.	.	267	0.01
061600	PERSONNEL MANAGEMENT, OTHER	85	0.00	.	.	.	.	.	.
061700	REAL ESTATE, OTHER	.	.	.	.	.	.	236	0.01
061711	REAL ESTATE MARKETING	646	0.02	.	.	74	0.00	3,554	0.12
061811	SMALL BUSINESS MANAGEMENT	8,878	0.31	12,302	0.51	14,976	0.54	385	0.01
061900	TAXATION, OTHER	.	.	.	.	.	.	3,010	0.10
062000	TRADE AND INDUSTRIAL SUPERVISION AND MANAGEMENT, OTHER	.	.	.	.	.	.	1,037	0.04
069900	BUSINESS AND MANAGEMENT, OTHER	.	.	482	0.02	.	.	2,400	0.08
070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS	.	.	.	.	.	.	1,494	0.05
070111	BOOKKEEPING 1	7,588	0.27	6,980	0.29	19,420	0.71	185,774	6.47
070112	BOOKKEEPING 2	.	.	452	0.02	2,288	0.08	21,510	0.75
070121	ACCOUNTING 1	261,511	9.14	343,616	14.29	494,011	17.96	478,172	16.66
070122	ACCOUNTING 2	35,710	1.25	60,563	2.52	79,250	2.88	77,436	2.70
070131	ACCOUNTING, COLLEGE	6,918	0.24	3,368	0.14	1,582	0.06	7,072	0.25
070141	BOOKKEEPING AND ACCOUNTING 1	3,517	0.12	2,768	0.12	9,252	0.34	10,675	0.37
070142	BOOKKEEPING AND ACCOUNTING 2	887	0.03	608	0.03	2,356	0.09	3,723	0.13

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070151	RECORDKEEPING 1	46,451	1.62	41,696	1.73	124,819	4.54	131,620	4.59
070152	RECORDKEEPING 2	143	0.00	154	0.01	3,667	0.13	8,564	0.30
070153	PERSONAL RECORDKEEPING	18,640	0.65	3,598	0.15	16,853	0.61	.	.
070161	OFFICE MACHINES	8,128	0.28	3,229	0.13	28,792	1.05	132,049	4.60
070162	OFFICE MACHINES, VOCATIONAL	2,116	0.07	367	0.02	937	0.03	4,136	0.14
070171	BUSINESS MATHEMATICS 1	82,628	2.89	126,229	5.25	183,685	6.68	259,729	9.05
070172	BUSINESS MATHEMATICS 2	1,553	0.05	1,949	0.08	4,489	0.16	6,868	0.24
070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER	.	.	.	.	.	.	808	0.03
070201	BANKING & FINANCIAL CAREERS	7,620	0.27	5,986	0.25	1,260	0.05	.	.
070211	BANK TELLER	1,091	0.04	1,130	0.05	4,341	0.16	4,267	0.15
070221	FINANCIAL MATHEMATICS	1,619	0.06	326	0.01	2,044	0.07	2,949	0.10
070231	BANK PROOF OPERATOR	.	.	26	0.00	175	0.01	453	0.02
070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE	1,066	0.04	950	0.04	927	0.03	.	.
070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER	.	.	.	.	561	0.02	162	0.01
070311	COMPUTERS IN BUSINESS	84,222	2.94	216,098	8.99	99,207	3.61	5,559	0.19
070321	BUSINESS DATA PROCESSING 1	50,741	1.77	74,906	3.12	126,476	4.60	3,085	0.11
070322	BUSINESS DATA PROCESSING 2	4,476	0.16	9,870	0.41	7,039	0.26	123	0.00
070331	BUSINESS COMPUTER PROGRAMMING 1	189,797	6.63	223,012	9.28	142,537	5.18	492	0.02
070332	BUSINESS COMPUTER PROGRAMMING 2	44,296	1.55	6,221	0.26	6,654	0.24	693	0.02
070341	KEY PUNCH OPERATOR	.	.	.	.	.	.	4,858	0.17
070351	DATA ENTRY OPERATOR 1	186	0.01	1,043	0.04	2,585	0.09	2,888	0.10
070352	DATA ENTRY OPERATOR 2	.	.	.	.	496	0.02	.	.
070361	KEYBOARDING	242,237	8.46	277,306	11.54	173,812	6.32	3,249	0.11
070371	PERIPHERAL COMPUTER OPERATOR	183	0.01	.	.	.	.	.	.
070400	OFFICE SUPERVISION AND MANAGEMENT, OTHER	.	.	.	.	.	.	1,359	0.05
070411	BUSINESS ENGLISH 1	58,162	2.03	75,513	3.14	91,136	3.31	120,320	4.19
070412	BUSINESS ENGLISH 2	24,290	0.85	1,198	0.05	3,068	0.11	6,257	0.22
070413	BUSINESS ENGLISH 3	603	0.02	67	0.00	2,080	0.08	.	.
070414	BUSINESS ENGLISH 4	551	0.02	.	.	1,853	0.07	.	.
070600	SECRETARIAL AND RELATED PROGRAMS, OTHER	.	.	.	.	.	.	587	0.02
070611	SHORTHAND 1	2,051	0.07	13,210	0.55	57,608	2.09	277,007	9.65
070612	SHORTHAND 2	.	.	1,402	0.06	9,472	0.34	53,709	1.87
070613	SPEED WRITING	18,592	0.65	47,916	1.99	39,092	1.42	.	.
070621	TRANSCRIPTION	522	0.02	.	.	1,730	0.06	9,743	0.34
070631	SECRETARIAL ADMINISTRATION 1	13,845	0.48	6,940	0.29	16,901	0.61	28,522	0.99
070632	SECRETARIAL ADMINISTRATION 2	998	0.03	.	.	1,659	0.06	1,905	0.07
070641	WORD PROCESSING 1	383,101	13.39	252,023	10.48	189,665	6.90	8,870	0.31
070642	WORD PROCESSING 2	47,256	1.65	30,840	1.28	26,521	0.96	751	0.03
070643	WORD PROCESSING 3	3,973	0.14	5,702	0.24	4,153	0.15	.	.

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses (Continued)

CSCC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
070651	REPROGRAPHICS	.	.	.	.	69	0.00	1,573	0.05
070661	LEGAL OFFICE PROCEDURES	905	0.03	354	0.01	533	0.02	1,363	0.05
070662	COURT REPORTER	.	.	.	.	71	0.00	.	.
070671	MEDICAL OFFICE PROCEDURES	1,292	0.05	1,002	0.04	481	0.02	1,546	0.05
070681	LEGAL/MEDICAL OFFICE PROCEDURES	1,402	0.05	674	0.03	1,053	0.04	.	.
070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS, OTHER	.	.	.	.	.	.	4,170	0.15
070711	TYPEWRITING 1	590,301	20.62	921,536	38.33	1,228,812	44.67	1,550,182	54.01
070712	TYPEWRITING 2	58,250	2.04	75,041	3.12	166,463	6.05	407,089	14.18
070713	TYPEWRITING 3	6,041	0.21	1,429	0.06	9,636	0.35	52,415	1.83
070721	TYPEWRITING, PERSONAL	495,964	17.33	215,308	8.96	343,443	12.49	342,168	11.92
070731	OFFICE PROCEDURES 1	62,790	2.19	119,319	4.96	170,220	6.19	222,460	7.75
070732	OFFICE PROCEDURES 2	8,432	0.29	6,875	0.29	22,089	0.80	33,098	1.15
070733	SIMULATED OFFICE	12,250	0.43	18,916	0.79	25,924	0.94	31,905	1.11
070741	OFFICE EDUCATION 1, COOPERATIVE	28,316	0.99	53,903	2.24	53,747	1.95	86,796	3.02
070742	OFFICE EDUCATION 2, COOPERATIVE	6,108	0.21	4,814	0.20	10,435	0.38	12,077	0.42
079900	BUSINESS AND OFFICE, OTHER	.	.	.	.	.	.	3,384	0.12
080111	FASHION MERCHANDISING	26,596	0.93	19,313	0.80	20,602	0.75	15,336	0.53
080121	FASHION DESIGN AND ILLUSTRATION	2,928	0.10	8,427	0.35	3,148	0.11	6,396	0.22
080131	FASHION MERCHANDISING - COOPERATIVE	2,883	0.10	2,308	0.10	826	0.03	.	.
080132	FASHION MERCHANDISING - COOPERATIVE	800	0.03	238	0.01	.	.	.	.
080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER	.	.	.	.	.	.	564	0.02
080300	ENTREPRENEURSHIP, OTHER	.	.	120	0.01	1,128	0.04	.	.
080311	STARTING YOUR OWN BUSINESS	35,928	1.26	19,882	0.83	15,996	0.58	1,743	0.06
080321	JUNIOR ACHIEVEMENT	2,473	0.09	19,714	0.82	37,399	1.36	8,243	0.29
080400	FINANCIAL SERVICES MARKETING, OTHER	.	.	.	.	.	.	1,990	0.07
080500	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER	.	.	.	.	.	.	162	0.01
080511	FLORAL SALES	7,004	0.24	188	0.01	1,137	0.04	3,435	0.12
080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW	658	0.02	.	.	.	.	.	.
080612	GROCERY MANAGEMENT	61	0.00	722	0.03	135	0.00	.	.
080621	FOOD MARKETING - COOPERATIVE EDUCATION 1	212	0.01	.	.	.	.	.	.
080700	GENERAL MARKETING, OTHER	.	.	427	0.02	.	.	768	0.03
080711	DISTRIBUTIVE EDUCATION 1	142,548	4.98	139,892	5.82	143,764	5.23	142,091	4.95
080712	DISTRIBUTIVE EDUCATION 2	42,098	1.47	20,810	0.87	24,606	0.89	31,766	1.11
080713	DISTRIBUTIVE EDUCATION 3	5,950	0.21	2,363	0.10	6,568	0.24	4,145	0.14
080721	DISTRIBUTIVE EDUCATION 1, COOPERATIVE	57,180	2.00	55,237	2.30	49,065	1.78	50,215	1.75

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

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		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
080722	DISTRIBUTIVE EDUCATION 2, COOPERATIVE	8,939	0.31	9,757	0.41	9,770	0.36	16,454	0.57
080731	SALESMANSHIP	256	0.01	2,510	0.10	6,853	0.25	18,347	0.64
080741	RETAIL LEARNING LABORATORY	9,230	0.32	5,393	0.22	8,556	0.31	5,286	0.18
080751	CASHIER CHECKER TRAINING	652	0.02	121	0.01	705	0.03	1,494	0.05
080761	WAREHOUSING INDUSTRIAL AND WHOLESALE MATERIAL	.	.	50	0.00	.	.	493	0.02
080771	DISTRIBUTIVE EDUCATION, INDEPENDENT STUDY	313	0.01	.	.	543	0.02	579	0.02
080781	TELEPHONE SERVICE REPRESENTATIVE	38	0.00	.	.	.	.	.	.
080811	COMPUTER SALES REPRESENTATIVE	114	0.00	.	.	.	.	.	.
080900	HOSPITALITY AND RECREATION MARKETING, OTHER	.	.	.	.	.	.	2,135	0.07
080911	ORIENTATION TO HOSPITALITY CAREERS	3,643	0.13	889	0.04	.	.	.	.
080921	HOSPITALITY SALES 1	804	0.03	516	0.02	.	.	.	.
080922	HOSPITALITY SALES 2	63	0.00	.	.	.	.	.	.
081100	TRANSPORTATION AND TRAVEL MARKETING, OTHER	288	0.01	.	.	.	.	1,071	0.04
081111	TOURISM SERVICES	3,518	0.12	2,408	0.10	1,872	0.07	690	0.02
081121	ENTERTAINMENT PARK/TOURISM - COOPERATIVE	67	0.00	828	0.03	129	0.00	.	.
081211	AUTO PARTS MERCHANDISING	205	0.01	.	.	.	.	.	.
081221	AUTOMOTIVE PROFESSIONAL TRAINING	85	0.00	.	.	575	0.02	2,561	0.09
089900	MARKETING AND DISTRIBUTION, OTHER	.	.	69	0.00	.	.	.	.
090100	COMMUNICATIONS, OTHER GENERAL	231	0.01	738	0.03	934	0.03	5,714	0.20
090111	MASS MEDIA	71,856	2.51	47,618	1.98	71,790	2.61	132,573	4.62
090121	INTERCULTURAL COMMUNICATIONS	.	.	.	.	84	0.00	.	.
090200	ADVERTISING, OTHER	.	.	.	.	.	.	165	0.01
090211	ADVERTISING	3,543	0.12	4,764	0.20	4,691	0.17	6,210	0.22
090300	COMMUNICATIONS RESEARCH, OTHER	.	.	.	.	.	.	174	0.01
090400	JOURNALISM (MASS COMMUNICATIONS), OTHER	.	.	.	.	.	.	2,320	0.08
090411	JOURNALISM 1	178,198	6.23	178,277	7.42	166,755	6.06	207,688	7.24
090412	JOURNALISM 2	44,212	1.54	40,064	1.67	38,230	1.39	33,749	1.18
090413	JOURNALISM 3	9,445	0.33	8,756	0.36	8,922	0.32	8,315	0.29
090421	JOURNALISM INVESTIGATIONS	10,565	0.37	2,363	0.10	1,760	0.06	355	0.01
090431	LITERARY MAGAZINE	5,371	0.19	5,467	0.23	1,261	0.05	3,981	0.14
090441	YEARBOOK PRODUCTION 1	154,047	5.38	116,003	4.83	116,588	4.24	76,875	2.68
090442	YEARBOOK PRODUCTION 2	17,682	0.62	8,730	0.36	12,322	0.45	9,453	0.33
090500	PUBLIC RELATIONS, OTHER	.	.	.	.	.	.	174	0.01
090600	RADIO/TELEVISION NEWS BROADCAST, OTHER	78	0.00	.	.	.	.	256	0.01
090611	BROADCAST JOURNALISM	5,951	0.21	6,815	0.28	1,736	0.06	3,143	0.11

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(Continued)

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090612	CAREERS IN RADIO/TELEVISION BROADCASTING	6,015	0.21	4,102	0.17	347	0.01	.	.
090700	RADIO/TELEVISION, OTHER GENERAL	.	.	.	.	.	.	622	0.02
090711	BROADCASTING, INTRODUCTION	9,424	0.33	5,400	0.22	4,836	0.18	8,324	0.29
090721	TELEVISION AND TASTE	56	0.00	.	.	100	0.00	4,290	0.15
090811	SIGN LANGUAGE 1	17,641	0.62	4,426	0.18	12,484	0.45	.	.
090812	SIGN LANGUAGE 2	5,664	0.20	1,344	0.06	2,618	0.10	.	.
090821	BRILLE COMMUNICATIONS	344	0.01	48	0.00	.	.	.	.
090831	CRYPTOGRAPHY	.	.	46	0.00	.	.	.	.
099900	COMMUNICATIONS, OTHER	.	.	56	0.00	248	0.01	5,251	0.18
100100	COMMUNICATION TECHNOLOGIES, OTHER	15,833	0.55	2,640	0.11	354	0.01	511	0.02
100111	WORLD OF COMMUNICATIONS	79,514	2.78	22,600	0.94	13,773	0.50	6,117	0.21
100121	COMMUNICATIONS MEDIA PRODUCTION	19,339	0.68	8,672	0.36	10,327	0.38	20,337	0.71
100131	PHOTOGRAPHY, COMMERCIAL	30,325	1.06	13,023	0.54	27,723	1.01	7,720	0.27
100132	PHOTOGRAPHY, ADVANCED COMMERCIAL	446	0.02	162	0.01	1,563	0.06	374	0.01
100141	BROADCAST MANAGEMENT 1	3,305	0.12	282	0.01	842	0.03	513	0.02
100142	BROADCAST MANAGEMENT 2	534	0.02	.	.	.	.	.	.
100143	BROADCASTING PRACTICUM	.	.	933	0.04	536	0.02	479	0.02
100151	FILM MAKING AND PRODUCTION 1	8,885	0.31	4,890	0.20	2,136	0.08	26,666	0.93
100152	FILM MAKING AND PRODUCTION 2	1,215	0.04	.	.	173	0.01	4,672	0.16
100161	RADIO PRODUCTION	4,185	0.15	415	0.02	683	0.02	13,220	0.46
100171	TELEVISION PRODUCTION 1	78,737	2.75	37,847	1.57	44,445	1.62	20,573	0.72
100172	TELEVISION PRODUCTION 2	20,315	0.71	6,971	0.29	3,850	0.14	4,004	0.14
100173	TELEVISION PRODUCTION 3	2,555	0.09	1,232	0.05	128	0.00	.	.
100174	TELEVISION PRODUCTION 4	1,601	0.06	606	0.03	64	0.00	.	.
100181	CABLE TELEVISION	972	0.03	265	0.01	.	.	.	.
100191	RADIO/TELEVISION PRODUCTION 1	10,176	0.36	7,285	0.30	883	0.03	.	.
100192	RADIO/TELEVISION PRODUCTION 2	485	0.02	561	0.02	198	0.01	.	.
110100	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL	312	0.01	206	0.01	307	0.01	4,640	0.16
110111	COMPUTER APPRECIATION	380,806	13.30	340,951	14.18	476,770	17.33	46,026	1.60
110121	COMPUTER MATHEMATICS 1	35,069	1.23	41,292	1.72	71,147	2.59	82,129	2.86
110122	COMPUTER MATHEMATICS 2	2,950	0.10	5,053	0.21	5,219	0.19	5,676	0.20
110131	COMPUTER APPLICATIONS	319,798	11.17	207,618	8.64	148,978	5.42	6,855	0.24
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY	78,359	2.74	20,976	0.87	13,177	0.48	2,290	0.08
110141	COMPUTER SCIENCE, ADVANCED PLACEMENT	2,300	0.08	23,335	0.97	18,060	0.66	8,833	0.31
110142	IB COMPUTER SCIENCE	308	0.01	.	.	.	.	.	.
110143	AP COMPUTER SCIENCE A	20,991	0.73	.	.	.	.	.	.
110144	AP COMPUTER SCIENCE AB	364	0.01	.	.	.	.	.	.
110151	ARTIFICIAL INTELLIGENCE	57	0.00	170	0.01	.	.	.	.
110152	MULTIMEDIA COMPUTER APPLICATIONS	49,974	1.75	.	.	.	.	.	.

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110161	DESKTOP COMPUTER APPLICATION SUITES	107,553	3.76	.	.	.	.	.	.
110200	COMPUTER PROGRAMMING, OTHER	379	0.01	314	0.01	.	.	2,738	0.10
110211	COMPUTER PROGRAMMING 1	58,180	2.03	59,002	2.45	207,232	7.53	111,647	3.89
110212	COMPUTER PROGRAMMING 2	16,001	0.56	12,744	0.53	19,394	0.71	10,520	0.37
110213	COMPUTER PROGRAMMING 3	7,406	0.26	815	0.03	4,065	0.15	.	.
110221	FORTRAN, INTRODUCTION	619	0.02	1,222	0.05	11,300	0.41	6,297	0.22
110231	PASCAL, INTRODUCTION	16,483	0.58	30,933	1.29	36,604	1.33	1,029	0.04
110232	ADVANCED PASCAL	2,139	0.07	3,842	0.16	5,616	0.20	.	.
110241	BASIC, INTRODUCTION	39,338	1.37	76,430	3.18	220,337	8.01	24,258	0.85
110242	ADVANCED BASIC	1,982	0.07	7,302	0.30	19,817	0.72	.	.
110251	COBOL, INTRODUCTION	1,115	0.04	3,386	0.14	6,260	0.23	2,630	0.09
110252	ADVANCED COBOL	71	0.00	110	0.00	137	0.00	.	.
110261	LOGO, INTRODUCTION	.	.	278	0.01	2,795	0.10	.	.
110271	RPG PROGRAMMING, INTRODUCTION	1,164	0.04	.	.	2,910	0.11	.	.
110272	C PROGRAMMING	926	0.03	.	.	.	.	.	.
110273	C++ PROGRAMMING	7,465	0.26	.	.	.	.	.	.
110300	DATA PROCESSING, OTHER	.	.	277	0.01	.	.	87	0.00
110311	DATA PROCESSING, INTRODUCTION	19,716	0.69	13,919	0.58	24,766	0.90	104,356	3.64
110312	DATA PROCESSING, INTERMEDIATE	2,039	0.07	416	0.02	6,117	0.22	9,402	0.33
110313	DATA PROCESSING, ADVANCED	2,641	0.09	710	0.03	235	0.01	3,047	0.11
110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION	160	0.01	491	0.02	.	.	.	.
110500	SYSTEMS ANALYSIS, OTHER	.	.	.	.	513	0.02	.	.
110601	HTML	11,598	0.41	.	.	.	.	.	.
110603	WEB SITE DESIGN, DEVELOPMENT	26,328	0.92	.	.	.	.	.	.
110604	NETWORK ADMINISTRATION/MANAGEMENT	22,251	0.78	.	.	.	.	.	.
119900	COMPUTER AND INFORMATION SCIENCES, OTHER	.	.	95	0.00	155	0.01	1,873	0.07
120111	DRY CLEANING 1	.	.	211	0.01	.	.	1,248	0.04
120211	SPORTS OFFICIATING	5,164	0.18	324	0.01	.	.	1,607	0.06
120300	FUNERAL SERVICES, OTHER	.	.	.	.	.	.	2,501	0.09
120411	COSMETOLOGY	21,197	0.74	19,313	0.80	31,915	1.16	30,450	1.06
120412	COSMETOLOGY 2	7,153	0.25	4,387	0.18	8,173	0.30	14,705	0.51
120413	COSMETOLOGY 3	1,508	0.05	1,680	0.07	1,946	0.07	4,095	0.14
120414	COSMETOLOGY - COOPERATIVE EDUCATION 2	381	0.01	302	0.01	.	.	.	.
120421	BARBERING 1	410	0.01	737	0.03	.	.	859	0.03
120422	BARBERING 2	.	.	270	0.01	.	.	.	.
120423	BARBERING 3	.	.	135	0.01	.	.	.	.
120431	PERSONAL SERVICES OCCUPATIONS	318	0.01	.	.	488	0.02	690	0.02
120511	GENERAL SERVICES OCCUPATIONS 1	363	0.01	26	0.00	2,109	0.08	.	.
120512	GENERAL SERVICES OCCUPATIONS 2	.	.	26	0.00	531	0.02	.	.
120521	BUILDING & GROUNDS MAINTENANCE	50	0.00	1,886	0.08	377	0.01	.	.

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120531	INDUSTRIAL MAINTENANCE/MECHANICS 1	.	.	.	.	795	0.03	.	.
129900	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER	170	0.01	70	0.00	.	.	2,685	0.09
130100	EDUCATION, OTHER GENERAL	.	.	.	.	358	0.01	856	0.03
130200	BILINGUAL/BICULTURAL EDUCATION, OTHER	.	.	.	.	.	.	158	0.01
130300	CURRICULUM AND INSTRUCTION, OTHER	.	.	100	0.00	.	.	33	0.00
130400	EDUCATION ADMINISTRATION, OTHER	.	.	.	.	.	.	163	0.01
130500	EDUCATIONAL MEDIA, OTHER	.	.	38	0.00	.	.	.	.
130800	SCHOOL PSYCHOLOGY, OTHER	.	.	.	.	.	.	507	0.02
131000	SPECIAL EDUCATION, OTHER	.	.	.	.	.	.	2,660	0.09
131100	STUDENT COUNSELING AND PERSONNEL SERVICES, OTHER	.	.	.	.	.	.	3,669	0.13
131200	TEACHER EDUCATION, GENERAL PROGRAMS, OTHER	1,863	0.07	2,884	0.12	2,719	0.10	2,347	0.08
131300	TEACHER EDUCATION, SPECIFIC SUBJECT AREAS, OTHER	.	.	697	0.03	.	.	2,255	0.08
131400	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE	.	.	.	.	.	.	17	0.00
139900	EDUCATION, OTHER	.	.	.	.	65	0.00	2,744	0.10
140100	ENGINEERING, OTHER GENERAL	.	.	199	0.01	.	.	968	0.03
140111	ORIENTATION TO ENGINEERING	12,717	0.44	9,427	0.39	758	0.03	.	.
140200	AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL	.	.	.	.	376	0.01	.	.
140221	AEROSPACE ENGINEERING DESIGN	.	.	39	0.00	.	.	.	.
140300	AGRICULTURAL ENGINEERING, OTHER	.	.	.	.	.	.	875	0.03
140411	STRENGTH OF MATERIALS - ARCHITECTURAL	752	0.03	.	.	.	.	.	.
140600	CERAMIC ENGINEERING, OTHER	.	.	929	0.04	.	.	.	.
141000	ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS	137	0.00	.	.	.	.	472	0.02
141200	ENGINEERING RELATED, OTHER	.	.	54	0.00	.	.	164	0.01
141211	INSTRUMENTATION PHYSICS 1	359	0.01	691	0.03	.	.	.	.
141212	INSTRUMENTATION PHYSICS 2	456	0.02	.	.	.	.	.	.
141213	INSTRUMENTATION PHYSICS 3	27	0.00	.	.	.	.	.	.
141300	ENGINEERING SCIENCE, OTHER	.	.	.	.	.	.	41	0.00
141700	INDUSTRIAL ENGINEERING, OTHER	.	.	.	.	.	.	444	0.02
141800	MATERIALS, ENGINEERING, OTHER	66	0.00	.	.	.	.	1,568	0.05
141900	MECHANICAL ENGINEERING, OTHER	.	.	100	0.00	.	.	.	.
141911	STRENGTH OF MATERIALS - MECHANICAL TECHNOLOGY	972	0.03	155	0.01	1,054	0.04	.	.
142000	METALLURGICAL ENGINEERING, OTHER	.	.	.	.	.	.	343	0.01
142300	NUCLEAR ENGINEERING, OTHER	.	.	.	.	.	.	371	0.01
142400	OCEAN ENGINEERING, OTHER	.	.	.	.	.	.	118	0.00

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSSC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
142611	CARTOGRAPHY	190	0.01	.	.	.	.	.	.
149900	ENGINEERING, OTHER	.	.	.	.	.	.	506	0.02
150111	STRUCTURAL ENGINEERING TECHNICIAN	114	0.00	.	.	350	0.01	.	.
150200	CIVIL TECHNOLOGIES, OTHER	.	.	.	.	.	.	166	0.01
150211	SURVEYING	418	0.01	.	.	.	.	1,922	0.07
150300	ELECTRICAL AND ELECTRONIC TECHNOLOGIES, OTHER	336	0.01	.	.	.	.	.	.
150311	AUDIO ELECTRONICS	1,675	0.06	1,112	0.05	.	.	190	0.01
150321	ELECTRICAL TECHNOLOGY	3,703	0.13	1,078	0.04	174	0.01	3,382	0.12
150331	ELECTRONIC TECHNOLOGY 1	9,047	0.32	3,177	0.13	2,950	0.11	2,902	0.10
150332	ELECTRONIC TECHNOLOGY 2	2,629	0.09	53	0.00	954	0.03	1,171	0.04
150333	ELECTRONICS FABRICATION	3,953	0.14	.	.	302	0.01	.	.
150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN	598	0.02	220	0.01	291	0.01	.	.
150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE	.	.	.	.	.	.	126	0.00
150411	ELECTROMECHANICAL TECHNOLOGY 1	8,920	0.31	4,917	0.20	3,090	0.11	1,133	0.04
150412	ELECTROMECHANICAL TECHNOLOGY 2	582	0.02	.	.	.	.	.	.
150421	INSTRUMENTATION TECHNOLOGY	2,569	0.09	217	0.01	.	.	302	0.01
150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)	82,829	2.89	35,218	1.46	21,858	0.79	.	.
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES	343	0.01	396	0.02	.	.	753	0.03
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER	.	.	.	.	137	0.00	480	0.02
150601	INDUSTRIAL RESEARCH & DEVELOPMENT	11,105	0.39	10,646	0.44	2,904	0.11	.	.
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1	30,101	1.05	4,876	0.20	11,337	0.41	653	0.02
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2	2,315	0.08	275	0.01	.	.	.	.
150711	QUALITY CONTROL TECHNOLOGY	.	.	.	.	728	0.03	.	.
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER	.	.	.	.	347	0.01	3,441	0.12
150811	AUTOMOTIVE DESIGN & TECHNOLOGY	82	0.00	.	.	65	0.00	.	.
150821	MECHANICAL ENGINEERING TECHNOLOGY	1,176	0.04	1,434	0.06	.	.	.	.
150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER	.	.	.	.	.	.	1,359	0.05
150911	MINING TECHNOLOGY	.	.	.	.	.	.	184	0.01
159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER	.	.	.	.	.	.	190	0.01
160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER	279	0.01	178	0.01	174	0.01	1,199	0.04
160111	FOREIGN LANGUAGE, EXPLORATORY	3,783	0.13	5,266	0.22	2,740	0.10	1,305	0.05
160121	ENGLISH AS A SECOND LANGUAGE 1	40,539	1.42	31,668	1.32	43,624	1.59	9,216	0.32
160122	ENGLISH AS A SECOND LANGUAGE 2	30,934	1.08	22,847	0.95	23,715	0.86	3,064	0.11
160123	ENGLISH AS A SECOND LANGUAGE 3	32,321	1.13	26,614	1.11	22,935	0.83	2,009	0.07



Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSCS Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB	11,641	0.41	5,847	0.24	26,119	0.95	1,480	0.05
160125	TRANSITIONAL ENGLISH	11,863	0.41	8,206	0.34	6,974	0.25	.	.
160200	AFRICAN (NON-SEMITIC) LANGUAGES, OTHER	276	0.01	110	0.00	117	0.00	.	.
160211	SWAHILI 1	65	0.00	.	.	.	.	445	0.02
160212	SWAHILI 2	65	0.00	.	.	.	.	73	0.00
160221	AMHARIC 1 (ETHIOPIAN)	259	0.01	69	0.00	154	0.01	.	.
160222	AMHARIC 2 (ETHIOPIAN)	.	.	69	0.00	.	.	.	.
160300	ASIATIC LANGUAGES, OTHER	4,283	0.15	1,458	0.06	1,888	0.07	597	0.02
160311	CANTONESE 1	453	0.02	.	.	.	.	885	0.03
160312	CANTONESE 2	214	0.01	.	.	.	.	98	0.00
160313	CANTONESE 3	135	0.00	.	.	.	.	.	.
160321	MANDARIN 1	5,453	0.19	1,827	0.08	1,677	0.06	422	0.01
160322	MANDARIN 2	3,639	0.13	1,010	0.04	203	0.01	146	0.01
160323	MANDARIN 3	3,045	0.11	323	0.01	200	0.01	.	.
160324	MANDARIN 4	1,539	0.05	280	0.01	.	.	.	.
160325	MANDARIN 5	1,334	0.05	.	.	.	.	.	.
160331	JAPANESE 1	30,983	1.08	20,401	0.85	18,849	0.69	4,543	0.16
160332	JAPANESE 2	27,757	0.97	12,347	0.51	8,727	0.32	3,157	0.11
160333	JAPANESE 3	17,480	0.61	3,551	0.15	3,887	0.14	1,203	0.04
160334	JAPANESE 4	8,665	0.30	1,973	0.08	1,907	0.07	603	0.02
160335	JAPANESE 5	3,371	0.12	96	0.00	.	.	.	.
160336	FOREIGN LANGUAGE CONTRACT, JAPANESE	336	0.01	.	.	.	.	.	.
160341	HAWAIIAN 1	4,123	0.14	1,305	0.05	44	0.00	1,450	0.05
160342	HAWAIIAN 2	1,844	0.06	359	0.01	.	.	.	.
160343	HAWAIIAN 3	440	0.02	131	0.01	.	.	376	0.01
160344	HAWAIIAN 4	291	0.01	.	.	.	.	.	.
160345	HAWAIIAN LANGUAGE AND CULTURE	.	.	.	.	634	0.02	.	.
160351	KOREAN 1	578	0.02	163	0.01	744	0.03	178	0.01
160352	KOREAN 2	291	0.01	152	0.01	178	0.01	.	.
160353	KOREAN 3	64	0.00	152	0.01	.	.	.	.
160354	KOREAN 4	26	0.00	152	0.01	.	.	.	.
160400	BALTO-SLAVIC LANGUAGES, OTHER	303	0.01	46	0.00	393	0.01	.	.
160421	RUSSIAN 1	1,855	0.06	8,021	0.33	7,168	0.26	2,651	0.09
160422	RUSSIAN 2	3,445	0.12	5,107	0.21	2,530	0.09	1,521	0.05
160423	RUSSIAN 3	2,483	0.09	2,691	0.11	686	0.02	701	0.02
160424	RUSSIAN 4	2,315	0.08	1,316	0.05	879	0.03	144	0.01
160425	RUSSIAN 5	2,060	0.07	499	0.02	.	.	.	.
160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN	215	0.01	.	.	1,081	0.04	.	.
160431	CZECH 1	.	.	69	0.00	.	.	.	.
160432	CZECH 2	.	.	69	0.00	.	.	.	.
160433	CZECH 3	.	.	69	0.00	.	.	2,148	0.07

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160441	POLISH 1	1,778	0.06	264	0.01	515	0.02	276	0.01
160442	POLISH 2	1,028	0.04	139	0.01	.	.	138	0.00
160443	POLISH 3	808	0.03	.	.	.	.	.	.
160444	POLISH 4	662	0.02	.	.	.	.	.	.
160500	GERMANIC LANGUAGES, OTHER	173	0.01	.	.	.	.	404	0.01
160501	DUTCH 1	78	0.00	294	0.01	138	0.01	.	.
160502	DUTCH 2	.	.	.	.	138	0.01	.	.
160503	DUTCH 3	.	.	.	.	138	0.01	.	.
160512	GERMAN 8	.	.	.	.	374	0.01	1,116	0.04
160513	GERMAN 1	129,279	4.52	110,463	4.60	139,065	5.06	119,058	4.15
160514	GERMAN 2	106,788	3.73	82,897	3.45	111,670	4.06	85,499	2.98
160515	GERMAN 3	52,125	1.82	36,037	1.50	53,413	1.94	46,076	1.61
160516	GERMAN 4	22,168	0.77	15,405	0.64	15,240	0.55	18,250	0.64
160517	GERMAN, ADVANCED PLACEMENT	1,684	0.06	4,106	0.17	4,469	0.16	2,107	0.07
160518	GERMAN FIELD-BASED EXPERIENCE	206	0.01	.	.	.	.	139	0.00
160519	FOREIGN LANGUAGE CONTRACT, GERMAN	119	0.00	117	0.00	59	0.00	1,082	0.04
160521	NORWEGIAN 1	.	.	187	0.01	311	0.01	409	0.01
160522	NORWEGIAN 2	.	.	.	.	.	.	171	0.01
160531	SWEDISH 1	.	.	.	.	33	0.00	.	.
160532	SWEDISH 2	.	.	.	.	33	0.00	.	.
160533	SWEDISH 3	.	.	.	.	.	.	35	0.00
160544	IB GERMAN 4	376	0.01	.	.	.	.	.	.
160545	IB GERMAN 5	563	0.02	.	.	.	.	.	.
160546	AP GERMAN LANGUAGE	6,940	0.24	.	.	.	.	.	.
160600	GREEK, OTHER	.	.	96	0.00	189	0.01	2,558	0.09
160611	MODERN GREEK FOR SURVIVAL	919	0.03	.	.	.	.	4	0.00
160621	MODERN GREEK	.	.	650	0.03	619	0.02	926	0.03
160622	MODERN GREEK 2	.	.	360	0.01	.	.	.	.
160623	MODERN GREEK 3	.	.	203	0.01	.	.	.	.
160624	MODERN GREEK 4	.	.	304	0.01	.	.	.	.
160631	CLASSICAL GREEK 1	841	0.03	.	.	2,112	0.08	.	.
160632	CLASSICAL GREEK 2	841	0.03	.	.	303	0.01	.	.
160633	CLASSICAL GREEK 3	841	0.03	.	.	100	0.00	.	.
160634	CLASSICAL GREEK 4	841	0.03	.	.	.	.	.	.
160700	INDIC LANGUAGES, OTHER	3,732	0.13	130	0.01	1,418	0.05	.	.
160800	IRANIAN LANGUAGES, OTHER	245	0.01	.	.	.	.	.	.
160900	ITALIC LANGUAGES, OTHER	.	.	.	.	188	0.01	1,211	0.04
160901	FRENCH 7	.	.	.	.	.	.	181	0.01
160902	FRENCH 8	.	.	.	.	.	.	256	0.01
160903	FRENCH 1	362,088	12.65	370,913	15.43	501,576	18.24	421,305	14.68
160904	FRENCH 2	303,931	10.62	344,422	14.33	403,527	14.67	296,777	10.34
160905	FRENCH 3	167,597	5.86	175,630	7.31	199,506	7.25	138,078	4.81
160906	FRENCH 4	68,332	2.39	80,187	3.34	65,885	2.40	58,767	2.05
160907	FRENCH, ADVANCED PLACEMENT	12,122	0.42	23,159	0.96	33,342	1.21	15,458	0.54

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160908	FRENCH FIELD-BASED EXPERIENCE	567	0.02	592	0.02	148	0.01	999	0.03
160909	FOREIGN LANGUAGE CONTRACT, FRENCH	172	0.01	303	0.01	121	0.00	1,800	0.06
160910	FRENCH, CONVERSATIONAL	2,478	0.09	479	0.02	933	0.03	3,559	0.12
160912	ITALIAN 8	.	.	.	.	.	.	227	0.01
160913	ITALIAN 1	15,918	0.56	20,748	0.86	9,202	0.33	16,762	0.58
160914	ITALIAN 2	13,548	0.47	19,659	0.82	8,903	0.32	14,163	0.49
160915	ITALIAN 3	7,737	0.27	11,511	0.48	3,309	0.12	10,476	0.37
160916	ITALIAN 4	2,089	0.07	5,215	0.22	1,302	0.05	4,089	0.14
160917	ITALIAN, ADVANCED PLACEMENT	271	0.01	735	0.03	735	0.03	540	0.02
160918	ITALIAN FIELD-BASED EXPERIENCE	563	0.02	167	0.01	.	.	.	.
160920	LATIN 1	82,875	2.90	94,979	3.95	101,968	3.71	97,965	3.41
160921	LATIN 2	52,146	1.82	64,639	2.69	66,821	2.43	50,203	1.75
160922	LATIN 3	22,697	0.79	25,890	1.08	24,687	0.90	14,789	0.52
160923	LATIN 4	6,872	0.24	7,620	0.32	5,652	0.21	5,091	0.18
160924	LATIN, ADVANCED PLACEMENT	855	0.03	4,486	0.19	6,837	0.25	3,549	0.12
160925	FOREIGN LANGUAGE CONTRACT, LATIN	.	.	.	.	801	0.03	7	0.00
160926	PORTUGUESE 1	877	0.03	984	0.04	1,272	0.05	596	0.02
160927	PORTUGUESE 2	101	0.00	198	0.01	204	0.01	946	0.03
160928	PORTUGUESE 3	101	0.00	69	0.00	306	0.01	408	0.01
160929	PORTUGUESE 4	101	0.00	.	.	204	0.01	.	.
160930	PORTUGUESE 5	.	.	.	.	.	.	3,757	0.13
160931	SPANISH 7	.	.	.	.	5,876	0.21	2,790	0.10
160932	SPANISH 8	.	.	.	.	6,736	0.24	1,902	0.07
160933	SPANISH 1	1,286,277	44.94	1,107,483	46.07	1,132,309	41.17	779,026	27.14
160934	SPANISH 2	1,097,163	38.33	937,577	39.00	884,005	32.14	511,593	17.82
160935	SPANISH 3	494,868	17.29	389,070	16.18	333,582	12.13	193,092	6.73
160936	SPANISH 4	169,137	5.91	137,842	5.73	105,581	3.84	68,780	2.40
160937	SPANISH, ADVANCED PLACEMENT	20,815	0.73	48,793	2.03	49,262	1.79	15,953	0.56
160938	SPANISH FIELD-BASED EXPERIENCE	2,240	0.08	765	0.03	435	0.02	2,462	0.09
160939	FOREIGN LANGUAGE CONTRACT, SPANISH	.	.	153	0.01	1,630	0.06	5,514	0.19
160940	SPANISH FOR NATIVE SPEAKERS (CHANGED TO 161311-161315)	69	0.00	.	.	.	.	9,412	0.33
160941	SPANISH FOR TRAVELERS	3,034	0.11	1,285	0.05	2,692	0.10	3,363	0.12
160942	SPANISH, COMMERCIAL	689	0.02	.	.	531	0.02	774	0.03
160943	IB FRENCH LANGUAGE	3,436	0.12	.	.	.	.	.	.
160944	IB FRENCH LITERATURE	1,072	0.04	.	.	.	.	.	.
160945	IB SPANISH 4	14,764	0.52	.	.	.	.	.	.
160946	IB SPANISH 5	7,819	0.27	.	.	.	.	.	.
160947	AP LATIN	8,119	0.28	.	.	.	.	.	.
160949	AP FRENCH LANGUAGE	15,043	0.53	.	.	.	.	.	.
160950	AP FRENCH LITERATURE	2,436	0.09	.	.	.	.	.	.
160951	AP SPANISH LANGUAGE	49,816	1.74	.	.	.	.	.	.
160952	AP SPANISH LITERATURE	9,312	0.33	.	.	.	.	.	.
161000	NATIVE AMERICAN LANGUAGES, OTHER	.	.	3,131	0.13	.	.	708	0.02

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161100	SEMITIC LANGUAGES, OTHER	611	0.02	.	.	.	.	.	.
161111	HEBREW 1	1,570	0.05	1,053	0.04	3,179	0.12	2,596	0.09
161112	HEBREW 2	946	0.03	1,391	0.06	1,213	0.04	1,040	0.04
161113	HEBREW 3	702	0.02	469	0.02	369	0.01	530	0.02
161114	HEBREW 4	490	0.02	256	0.01	753	0.03	255	0.01
161115	ARABIC 1	1,299	0.05	220	0.01	466	0.02	.	.
161116	ARABIC 2	182	0.01	.	.	.	.	.	.
161119	FOREIGN LANGUAGE CONTRACT - ARABIC	.	.	61	0.00	.	.	.	.
161200	INDO-EUROPEAN LANGUAGES, OTHER	.	.	190	0.01	.	.	.	.
161300	NON-ENGLISH LANGUAGES FOR NATIVE SPEAKER, OTHER	30	0.00	39	0.00	.	.	.	.
161311	SPANISH FOR NATIVE SPEAKERS 1	37,163	1.30	18,538	0.77	12,460	0.45	.	.
161312	SPANISH FOR NATIVE SPEAKERS 2	24,300	0.85	13,134	0.55	7,622	0.28	.	.
161313	SPANISH FOR NATIVE SPEAKERS 3	12,503	0.44	5,809	0.24	2,815	0.10	.	.
161314	SPANISH FOR NATIVE SPEAKERS 4	3,359	0.12	1,609	0.07	579	0.02	.	.
161315	SPANISH FOR NATIVE SPEAKERS 5/ADVANCED PLACEMENT	236	0.01	1,164	0.05	508	0.02	.	.
161351	CHINESE FOR NATIVE SPEAKERS 1	211	0.01	.	.	129	0.00	.	.
161352	CHINESE FOR NATIVE SPEAKERS 2	357	0.01	152	0.01	132	0.00	.	.
161361	FRENCH FOR NATIVE SPEAKERS 1	150	0.01	.	.	413	0.02	.	.
161362	FRENCH FOR NATIVE SPEAKERS 2	.	.	.	.	209	0.01	.	.
161364	FRENCH FOR NATIVE SPEAKERS 4	.	.	.	.	35	0.00	.	.
169900	FOREIGN LANGUAGES, OTHER	7,329	0.26	5,121	0.21	5,427	0.20	590	0.02
170100	DENTAL SERVICES, OTHER	.	.	.	.	.	.	170	0.01
170111	DENTAL ASSISTANT 1	3,779	0.13	1,816	0.08	1,553	0.06	1,648	0.06
170112	DENTAL ASSISTANT 2	479	0.02	.	.	.	.	916	0.03
170121	DENTAL ASSISTANT, COOPERATIVE	406	0.01	.	.	51	0.00	1,662	0.06
170131	DENTAL TECHNOLOGY 1	329	0.01	.	.	75	0.00	36	0.00
170132	DENTAL TECHNOLOGY 2	271	0.01	.	.	.	.	.	.
170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER	.	.	.	.	.	.	7	0.00
170211	FIRST AID	24,311	0.85	18,304	0.76	26,329	0.96	45,569	1.59
170221	EKG TECHNICIAN	61	0.00	.	.	.	.	.	.
170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER	.	.	142	0.01	.	.	691	0.02
170311	LABORATORY PROGRAM 1	3,136	0.11	1,389	0.06	131	0.00	7,036	0.25
170312	LABORATORY PROGRAM 2	787	0.03	82	0.00	.	.	906	0.03
170321	CHEMICAL TECHNOLOGY 1	6,704	0.23	.	.	.	.	13,479	0.47
170400	MENTAL HEALTH/HUMAN SERVICES, OTHER	.	.	.	.	.	.	3,468	0.12
170411	HOME HEALTH AIDE	3,072	0.11	149	0.01	264	0.01	1,084	0.04
170421	COMMUNITY HEALTH	392	0.01	1,465	0.06	625	0.02	2,047	0.07
170431	MENTAL HEALTH WORKER	.	.	.	.	313	0.01	.	.

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSCC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER	.	.	59	0.00	.	.	1,552	0.05
170511	HEALTH OCCUPATIONS 1	107,812	3.77	64,273	2.67	28,295	1.03	34,478	1.20
170521	HEALTH OCCUPATIONS 2	45,300	1.58	14,480	0.60	5,367	0.20	9,885	0.34
170531	MEDICAL TERMINOLOGY	8,343	0.29	1,682	0.07	.	.	1,289	0.04
170541	MEDICAL RECORDS SECRETARY	.	.	.	.	.	.	199	0.01
170551	MEDICAL ASSISTING	6,946	0.24	2,092	0.09	377	0.01	2,575	0.09
170561	SPORTS MEDICINE	37,885	1.32	21,673	0.90	11,258	0.41	1,404	0.05
170571	VETERINARY SCIENCE	2,689	0.09	326	0.01	3,629	0.13	267	0.01
170581	CHEMISTRY FOR HEALTH SCIENCE	633	0.02	3,400	0.14	1,046	0.04	3,697	0.13
170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY	1,243	0.04	370	0.02	457	0.02	747	0.03
170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1	8,243	0.29	2,158	0.09	.	.	.	.
170593	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 2	1,326	0.05	112	0.00	.	.	.	.
170600	NURSING-RELATED SERVICES, OTHER	.	.	.	.	.	.	411	0.01
170611	STUDENT ASSESSMENT OF CHILD HEALTH	235	0.01	.	.	787	0.03	111	0.00
170621	NURSING, PRACTICAL	2,282	0.08	2,570	0.11	2,196	0.08	4,811	0.17
170631	NURSE'S AIDE AND ORDERLY	10,159	0.35	3,187	0.13	3,923	0.14	7,388	0.26
170641	NURSE'S AIDE, COOPERATIVE	4,435	0.15	2,199	0.09	177	0.01	2,584	0.09
170711	OPTICAL SERVICES ASSISTANT	.	.	385	0.02	419	0.02	.	.
179900	ALLIED HEALTH, OTHER	.	.	138	0.01	131	0.00	202	0.01
180400	DENTISTRY, OTHER	.	.	.	.	.	.	36	0.00
180800	HEMATOLOGY, OTHER	66	0.00	.	.	.	.	.	.
180900	MEDICAL LABORATORY, OTHER	.	.	.	.	135	0.00	810	0.03
181000	MEDICINE, OTHER	.	.	.	.	.	.	300	0.01
181100	NURSING, OTHER	.	.	.	.	.	.	562	0.02
181400	PHARMACY, OTHER	.	.	.	.	.	.	147	0.01
181411	PHARMACY TECHNICIAN	385	0.01	195	0.01	53	0.00	.	.
181800	PRE-MEDICINE, OTHER	.	.	.	.	.	.	177	0.01
181801	MEDICAL ETHICS	2,157	0.08	.	.	.	.	.	.
182501	BIO-MEDICAL TECHNOLOGY (GENERAL)	2,169	0.08	.	.	.	.	.	.
189900	HEALTH SCIENCES, OTHER	.	.	.	.	66	0.00	.	.
190100	HOME ECONOMICS, OTHER GENERAL	.	.	1,422	0.06	.	.	2,430	0.08
190400	FAMILY/CONSUMER RESOURCE MANAGEMENT, OTHER	52	0.00	.	.	.	.	251	0.01
190500	FOOD SCIENCES AND HUMAN NUTRITION, OTHER	.	.	63	0.00	.	.	2,637	0.09
190600	HUMAN ENVIRONMENT AND HOUSING, OTHER	.	.	.	.	.	.	311	0.01
190700	INDIVIDUAL AND FAMILY DEVELOPMENT, OTHER	.	.	50	0.00	.	.	592	0.02
190900	TEXTILES AND CLOTHING, OTHER	.	.	.	.	547	0.02	190	0.01

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

C SSC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
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199900	HOME ECONOMICS, OTHER	.	.	.	.	.	.	3,036	0.11
200100	CONSUMER AND HOMEMAKING HOME ECONOMICS, OTHER	.	.	151	0.01	250	0.01	4,678	0.16
200111	HOME ECONOMICS 7	331	0.01	.	.	175	0.01	2,383	0.08
200112	HOME ECONOMICS 8	.	.	.	.	978	0.04	1,134	0.04
200113	HOME ECONOMICS 1	233,715	8.17	264,732	11.01	330,661	12.02	415,720	14.48
200114	HOME ECONOMICS 2	40,894	1.43	33,106	1.38	47,352	1.72	124,483	4.34
200115	HOME ECONOMICS 3	2,331	0.08	2,033	0.08	15,778	0.57	37,959	1.32
200116	HOME ECONOMICS 4	1,429	0.05	2,413	0.10	4,204	0.15	30,058	1.05
200117	ADULT ROLES AND FUNCTIONS	230,049	8.04	194,791	8.10	228,096	8.29	193,836	6.75
200118	COMPREHENSIVE CONSUMER AND HOMEMAKING HOME	1,623	0.06	4,489	0.19	994	0.04	1,472	0.05
200121	CHILD DEVELOPMENT 8	5,256	0.18	.	.	3,191	0.12	4,062	0.14
200122	CHILD DEVELOPMENT 1	197,174	6.89	152,376	6.34	148,961	5.42	188,502	6.57
200123	CHILD DEVELOPMENT 2	19,945	0.70	8,151	0.34	6,087	0.22	8,539	0.30
200124	CHILD DEVELOPMENT 3	3,537	0.12	1,061	0.04	4,596	0.17	10,174	0.35
200125	CHILD DEVELOPMENT 4	909	0.03	.	.	11,514	0.42	10,536	0.37
200126	CURRENT ISSUES IN CHILD DEVELOPMENT	.	.	1,383	0.06	.	.	.	.
200131	CLOTHING 7	.	.	480	0.02	.	.	2,926	0.10
200132	CLOTHING 8	.	.	.	.	.	.	448	0.02
200133	CLOTHING 1	94,093	3.29	80,927	3.37	129,786	4.72	210,604	7.34
200134	CLOTHING 2	12,564	0.44	6,834	0.28	17,910	0.65	63,942	2.23
200135	CLOTHING 3	3,395	0.12	2,188	0.09	6,476	0.24	17,853	0.62
200136	CLOTHING 4	897	0.03	.	.	3,437	0.12	9,138	0.32
200137	TAILORING	.	.	132	0.01	948	0.03	8,644	0.30
200141	CONSUMER EDUCATION	161,985	5.66	144,791	6.02	223,414	8.12	251,866	8.78
200142	CONSUMER EDUCATION 2	6,052	0.21	1,709	0.07	5,569	0.20	7,599	0.26
200151	HOME ECONOMICS OCCUPATIONS 1, EXPLORATORY	5,345	0.19	9,494	0.39	8,027	0.29	22,959	0.80
200152	HOME ECONOMICS OCCUPATIONS 2, EXPLORATORY	1,572	0.05	3,297	0.14	764	0.03	2,656	0.09
200153	HOME ECONOMICS LABORATORY ASSISTANT	583	0.02	2,688	0.11	5,067	0.18	1,321	0.05
200154	HOME ECONOMICS LEADERSHIP	763	0.03	.	.	.	.	.	.
200161	FAMILY HEALTH 1	20,565	0.72	37,205	1.55	4,037	0.15	9,170	0.32
200162	FAMILY HEALTH 2	465	0.02	3,766	0.16	.	.	501	0.02
200171	FAMILY RELATIONS	185,949	6.50	184,258	7.66	243,241	8.84	311,009	10.84
200172	MARRIAGE SOCIETY AND CHANGE	8,859	0.31	19,341	0.80	31,155	1.13	50,236	1.75
200173	PARENTHOOD	130,748	4.57	141,994	5.91	134,487	4.89	45,128	1.57
200181	FOODS AND NUTRITION 7	.	.	.	.	.	.	2,125	0.07
200182	FOODS AND NUTRITION 8	.	.	495	0.02	.	.	4,494	0.16
200183	FOODS 1	379,108	13.25	310,916	12.93	374,138	13.60	388,002	13.52
200184	FOODS 2	90,689	3.17	79,698	3.32	93,349	3.39	117,351	4.09

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200185	FOODS 3	42,121	1.47	20,800	0.87	32,975	1.20	48,438	1.69
200186	FOODS 4	3,490	0.12	1,253	0.05	8,175	0.30	18,359	0.64
200187	INTERNATIONAL FOODS	16,570	0.58	19,312	0.80	8,391	0.31	16,391	0.57
200188	NUTRITION	85,864	3.00	37,518	1.56	36,074	1.31	8,304	0.29
200191	HOME MANAGEMENT 1	5,275	0.18	6,769	0.28	24,832	0.90	19,307	0.67
200192	HOME MANAGEMENT 2	.	.	1,920	0.08	571	0.02	165	0.01
200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1	7,079	0.25	13,748	0.57	9,614	0.35	.	.
200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2	469	0.02	485	0.02	441	0.02	.	.
200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES,	.	.	.	.	.	.	3,178	0.11
200211	CHILD CARE SERVICES	68,078	2.38	61,296	2.55	61,054	2.22	39,307	1.37
200221	CHILD CARE AIDE	24,670	0.86	5,028	0.21	3,267	0.12	7,934	0.28
200231	CHILD CARE MANAGEMENT	5,206	0.18	1,886	0.08	2,109	0.08	6,247	0.22
200241	FOSTER CARE AND FAMILY CARE	.	.	.	.	.	.	1,323	0.05
200251	TEACHER AIDE/ELEMENTARY	46,996	1.64	13,677	0.57	9,303	0.34	54,890	1.91
200252	TEACHER AIDE/SECONDARY	18,359	0.64	90	0.00	6,890	0.25	.	.
200261	CHILD CARE - COOPERATIVE EDUCATION 1	6,258	0.22	11,776	0.49	1,519	0.06	.	.
200262	CHILD CARE - COOPERATIVE EDUCATION 2	674	0.02	1,953	0.08	389	0.01	.	.
200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT,	.	.	.	.	197	0.01	1,296	0.05
200311	CLOTHING OCCUPATIONS 1	8,451	0.30	2,010	0.08	3,887	0.14	7,097	0.25
200312	CLOTHING OCCUPATIONS 2	4,240	0.15	.	.	760	0.03	926	0.03
200313	CLOTHING OCCUPATIONS 3	.	.	.	.	535	0.02	.	.
200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION I	59	0.00	.	.	138	0.01	.	.
200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION	955	0.03	392	0.02	606	0.02	371	0.01
200341	CUSTOM APPAREL CONSTRUCTION	.	.	.	.	84	0.00	518	0.02
200371	FASHION AND FABRIC COORDINATION	2,818	0.10	252	0.01	6,142	0.22	1,214	0.04
200381	TEXTILES TESTING	.	.	.	.	676	0.02	576	0.02
200391	CLOTHING PRODUCTION MANAGEMENT	193	0.01	.	.	1,773	0.06	104	0.00
200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER	.	.	322	0.01	.	.	2,073	0.07
200411	FOOD SERVICE TRAINING	57,571	2.01	46,667	1.94	35,100	1.28	36,710	1.28
200412	FOOD SERVICE TRAINING 2	6,404	0.22	8,120	0.34	8,455	0.31	4,813	0.17
200413	FOOD SERVICES/RESTAURANT MANAGEMENT	884	0.03	1,216	0.05	4,575	0.17	.	.
200421	FOOD SERVICE COOPERATIVE TRAINING	7,765	0.27	4,756	0.20	1,988	0.07	8,030	0.28
200431	BAKING	4,696	0.16	7,516	0.31	3,598	0.13	7,780	0.27
200441	CHEF	1,697	0.06	.	.	.	.	2,046	0.07

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200451	CATERING	268	0.01	3,245	0.13	1,252	0.05	1,544	0.05
200471	FOOD TESTING	248	0.01	2,197	0.09	277	0.01	.	.
200481	SCHOOL FOOD SERVICE	2,561	0.09	339	0.01	397	0.01	1,301	0.05
200511	HOUSING AND INTERIOR DESIGN 1	61,907	2.16	78,456	3.26	64,674	2.35	56,828	1.98
200512	HOUSING AND INTERIOR DESIGN 2	3,300	0.12	279	0.01	4,388	0.16	4,737	0.17
200513	INTERIOR DESIGN OCCUPATIONS	.	.	.	.	.	.	1,026	0.04
200521	FLORAL DESIGN	5,634	0.20	4,796	0.20	1,564	0.06	1,976	0.07
200531	HOME DECORATING	.	.	.	.	.	.	9,171	0.32
200541	HOME FURNISHINGS AIDE	.	.	.	.	.	.	176	0.01
200561	CUSTOM SLIPCOVERING AND UPHOLSTERING	.	.	26	0.00	.	.	.	.
200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES	.	.	.	.	.	.	499	0.02
200611	CUSTODIAL SERVICES	893	0.03	138	0.01	207	0.01	1,055	0.04
200621	EXECUTIVE HOUSEKEEPING	.	.	.	.	.	.	661	0.02
200631	HOMEMAKER'S AIDE	.	.	114	0.00	.	.	2,373	0.08
200641	COMPANION TO THE AGED	488	0.02	.	.	278	0.01	.	.
200642	GERIATRICS 2	247	0.01	.	.	.	.	.	.
200651	CONSUMER AIDE	58	0.00	.	.	185	0.01	.	.
200661	THERAPEUTIC RECREATION AIDE	.	.	.	.	100	0.00	.	.
200671	INSTITUTIONAL, HOME MANAGEMENT SUPPORT SERVICES -	460	0.02	.	.	.	.	.	.
209900	VOCATIONAL HOME ECONOMICS, OTHER	206	0.01	.	.	1,861	0.07	722	0.03
210100	INDUSTRIAL ARTS, OTHER	260	0.01	1,151	0.05	2,706	0.10	6,504	0.23
210101	INDUSTRIAL ARTS 7	.	.	.	.	1,051	0.04	48	0.00
210102	INDUSTRIAL ARTS 8	.	.	.	.	2,168	0.08	1,244	0.04
210103	INDUSTRIAL ARTS 1	35,267	1.23	108,187	4.50	161,700	5.88	306,912	10.69
210104	INDUSTRIAL ARTS 2	4,465	0.16	18,937	0.79	18,370	0.67	45,713	1.59
210105	INDUSTRIAL ARTS 3	4,308	0.15	6,063	0.25	3,092	0.11	13,329	0.46
210106	INDUSTRIAL ARTS 4	6,268	0.22	1,286	0.05	1,258	0.05	10,038	0.35
210107	INDUSTRY AND TECHNOLOGY	40,805	1.43	29,324	1.22	22,192	0.81	6,265	0.22
210108	INDUSTRIAL PRODUCTION	39,900	1.39	32,426	1.35	12,940	0.47	13,284	0.46
210109	INDUSTRIAL OCCUPATIONS 1	7,769	0.27	7,832	0.33	19,327	0.70	34,311	1.20
210110	INDUSTRIAL OCCUPATIONS 2	75	0.00	799	0.03	6,296	0.23	4,816	0.17
210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE	11,018	0.38	14,982	0.62	24,783	0.90	8,006	0.28
210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED	2,963	0.10	4,744	0.20	5,345	0.19	1,483	0.05
210113	ELECTRICITY 1	11,055	0.39	26,368	1.10	39,502	1.44	75,276	2.62
210114	ELECTRICITY 2	633	0.02	4,195	0.17	3,588	0.13	14,462	0.50
210115	ELECTRONICS 1	36,772	1.28	21,571	0.90	52,410	1.91	58,425	2.04
210116	ELECTRONICS 2	7,835	0.27	5,340	0.22	5,829	0.21	14,103	0.49
210117	ELECTRONICS 3	2,919	0.10	565	0.02	1,699	0.06	2,808	0.10
210118	ELECTRONICS 4	.	.	107	0.00	272	0.01	1,794	0.06



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210119	ELECTRICITY AND ELECTRONICS, INTRODUCTION	15,886	0.56	23,510	0.98	32,025	1.16	12,020	0.42
210120	ELECTRICITY AND ELECTRONICS, ADVANCED	129	0.00	1,248	0.05	1,604	0.06	1,900	0.07
210121	MACHINE SHOP 1	18,514	0.65	8,260	0.34	17,295	0.63	38,554	1.34
210122	MACHINE SHOP 2	4,438	0.16	2,701	0.11	1,832	0.07	11,095	0.39
210123	MACHINE SHOP 3	4,938	0.17	765	0.03	432	0.02	2,369	0.08
210124	MACHINE SHOP 4	539	0.02	.	.	77	0.00	1,411	0.05
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE	537	0.02	579	0.02	2,389	0.09	15	0.00
210126	INDUSTRIAL ARTS RESEARCH	4,599	0.16	2,703	0.11	5,307	0.19	1,830	0.06
210127	INTRO TO TECHNOLOGY TECHNOLOGY EDUCATION	157,302	5.50	63,654	2.65	.	.	.	.
210130	ELECTRICITY - COOPERATIVE EDUCATION 1	.	.	78	0.00	.	.	.	.
210140	ELECTRONICS - COOPERATIVE EDUCATION 1	71	0.00	279	0.01	.	.	.	.
210141	ELECTRONICS - COOPERATIVE EDUCATION 2	84	0.00	.	.	.	.	.	.
220100	LAW, OTHER	19	0.00	426	0.02	485	0.02	16,870	0.59
220111	LAW FUNDAMENTALS	49,638	1.73	47,491	1.98	25,123	0.91	33,925	1.18
220121	LAW AND YOU	200,602	7.01	129,491	5.39	140,920	5.12	142,505	4.97
220131	STREET LAW	18,367	0.64	15,954	0.66	32,610	1.19	5,427	0.19
230100	ENGLISH, OTHER GENERAL	5,756	0.20	56,674	2.36	9,491	0.35	114,976	4.01
230101	ENGLISH 7	.	.	.	.	424	0.02	3,157	0.11
230102	ENGLISH 7, HONORS	.	.	.	.	.	.	2,322	0.08
230103	ENGLISH 8, BELOW GRADE LEVEL	.	.	.	.	.	.	3,905	0.14
230104	ENGLISH 8	.	.	.	.	270	0.01	7,005	0.24
230105	ENGLISH 8, HONORS	.	.	.	.	.	.	4,819	0.17
230106	ENGLISH 1, BELOW GRADE LEVEL	96,918	3.39	109,798	4.57	111,768	4.06	150,269	5.24
230107	ENGLISH 1	1,876,992	65.58	1,763,427	73.35	2,148,019	78.09	2,242,220	78.12
230108	ENGLISH 1, HONORS	388,228	13.56	331,137	13.77	286,833	10.43	112,127	3.91
230109	ENGLISH 2, BELOW GRADE LEVEL	79,355	2.77	105,324	4.38	87,354	3.18	131,494	4.58
230110	ENGLISH 2	1,700,049	59.40	1,576,095	65.56	1,980,899	72.02	1,949,104	67.91
230111	ENGLISH 2, HONORS	382,833	13.38	327,870	13.64	319,017	11.60	158,566	5.52
230112	ENGLISH 3, BELOW GRADE LEVEL	78,908	2.76	69,427	2.89	87,273	3.17	97,101	3.38
230113	ENGLISH 3	1,315,487	45.96	1,373,653	57.14	1,584,779	57.62	1,451,392	50.57
230114	ENGLISH 3, HONORS	312,469	10.92	305,310	12.70	263,554	9.58	138,366	4.82
230115	ENGLISH 4, BELOW GRADE LEVEL	43,573	1.52	63,082	2.62	70,098	2.55	92,881	3.24
230116	ENGLISH 4	1,132,655	39.57	1,241,007	51.62	1,302,870	47.37	1,121,171	39.06
230117	ENGLISH 4, HONORS	221,961	7.76	375,641	15.63	317,279	11.53	203,093	7.08
230118	WORLD LITERATURE	140,961	4.92	213,021	8.86	162,934	5.92	148,773	5.18
230119	RENAISSANCE LITERATURE	.	.	13,262	0.55	865	0.03	6,115	0.21
230120	ROMANTICISM	3,806	0.13	11,967	0.50	2,680	0.10	6,731	0.23

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSCC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
230121	REALISM	.	.	60	0.00	.	.	16,243	0.57
230122	LITERATURE, CONTEMPORARY	106,000	3.70	40,308	1.68	90,187	3.28	123,489	4.30
230123	IRISH LITERATURE	143	0.00	.	.	.	.	1,101	0.04
230124	RUSSIAN LITERATURE	223	0.01	1,092	0.05	461	0.02	3,838	0.13
230125	BIBLE AS LITERATURE	5,438	0.19	10,890	0.45	7,192	0.26	36,052	1.26
230126	MYTHOLOGY AND FABLE	41,923	1.46	18,894	0.79	34,818	1.27	59,230	2.06
230127	DRAMA, INTRODUCTION	24,240	0.85	21,342	0.89	34,145	1.24	95,032	3.31
230128	WORLD DRAMA	9,861	0.34	28,810	1.20	13,851	0.50	7,247	0.25
230129	PLAYS, MODERN SURVEY	4,501	0.16	388	0.02	3,687	0.13	10,813	0.38
230130	NOVELS	52,942	1.85	38,511	1.60	12,595	0.46	69,049	2.41
230131	SHORT STORY	39,272	1.37	54,502	2.27	28,210	1.03	156,826	5.46
230132	MYSTERIES	6,175	0.22	6,609	0.27	11,172	0.41	46,370	1.62
230133	POETRY	11,482	0.40	23,353	0.97	28,061	1.02	33,096	1.15
230134	ROCK POETRY	.	.	610	0.03	83	0.00	1,583	0.06
230135	HUMOR	2,725	0.10	.	.	355	0.01	22,101	0.77
230136	BIOGRAPHY	1,289	0.05	4,422	0.18	931	0.03	6,997	0.24
230137	NON FICTION	6,593	0.23	22,037	0.92	8,759	0.32	24,937	0.87
230138	SCIENCE FICTION	20,215	0.71	26,887	1.12	41,945	1.52	141,551	4.93
230139	THEMES IN LITERATURE	105,599	3.69	13,039	0.54	41,454	1.51	71,813	2.50
230140	LITERATURE OF HUMAN VALUES	10,330	0.36	7,666	0.32	12,442	0.45	26,319	0.92
230141	ETHNIC LITERATURE	11,367	0.40	8,476	0.35	287	0.01	16,743	0.58
230142	WOMEN IN LITERATURE	1,128	0.04	7,252	0.30	1,569	0.06	14,057	0.49
230143	SPORTS THROUGH LITERATURE	6,500	0.23	3,180	0.13	5,142	0.19	32,320	1.13
230144	OCCULT LITERATURE	4,088	0.14	3,461	0.14	528	0.02	12,308	0.43
230145	PROTEST LITERATURE	486	0.02	.	.	.	.	5,940	0.21
230146	YOUTH AND LITERATURE	1,244	0.04	10,508	0.44	9,425	0.34	17,509	0.61
230147	HEROES	3,961	0.14	.	.	5,246	0.19	22,445	0.78
230148	UTOPIAS	.	.	139	0.01	.	.	5,610	0.20
230149	DEATH	1,018	0.04	235	0.01	2,742	0.10	6,310	0.22
230150	NOBEL PRIZE AUTHORS	2,300	0.08	.	.	.	.	3,221	0.11
230151	SEMINAR ON AN AUTHOR	3,018	0.11	.	.	2,801	0.10	13,821	0.48
230152	ENGLISH, REAL LIFE PROBLEM SOLVING	2,715	0.09	.	.	5,903	0.21	8,571	0.30
230153	READING, INDEPENDENT STUDY	24,062	0.84	15,279	0.64	33,630	1.22	176,206	6.14
230154	RESEARCH TECHNIQUE	133,362	4.66	113,726	4.73	122,201	4.44	102,830	3.58
230155	CHILDREN'S LITERATURE & FANTASY	5,623	0.20	5,698	0.24	5,681	0.21	.	.
230156	VOCATIONAL ENGLISH	56,452	1.97	20,951	0.87	26,497	0.96	.	.
230165	PRE-IB ENGLISH 1 (GRADE 9)	14,011	0.49	.	.	.	.	.	.
230166	PRE-IB ENGLISH 2 (GRADE 10)	13,955	0.49	.	.	.	.	.	.
230167	PRE-IB ENGLISH 3 (GRADE 11)	4,930	0.17	.	.	.	.	.	.
230168	IB ENGLISH 4 (GRADE 11 OR 12)	7,590	0.27	.	.	.	.	.	.
230169	IB ENGLISH 5 (GRADE 12)	3,641	0.13	.	.	.	.	.	.
230170	AP ENGLISH LANGUAGE AND COMPOSITION	204,961	7.16	.	.	.	.	.	.

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSCC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
230171	AP ENGLISH LITERATURE AND COMPOSITION	113,865	3.98	.	.	.	.	.	.
230200	CLASSICS, OTHER	.	.	304	0.01	.	.	5,420	0.19
230211	MYTHOLOGICAL LITERATURE, GREEK AND ROMAN	30,548	1.07	2,519	0.10	7,861	0.29	34,382	1.20
230300	COMPARATIVE LITERATURE, OTHER	.	.	5,005	0.21	326	0.01	3,805	0.13
230311	COMPARATIVE LITERATURE	17,931	0.63	19,452	0.81	24,943	0.91	26,614	0.93
230321	LATIN AMERICAN AUTHORS/LITERATURE	3,304	0.12	250	0.01	1,588	0.06	.	.
230400	COMPOSITION, OTHER	112	0.00	.	.	189	0.01	49,303	1.72
230401	COMPOSITION, EXPOSITORY	312,052	10.90	277,308	11.54	300,967	10.94	513,697	17.90
230402	WRITING LABORATORY	185,414	6.48	100,085	4.16	135,358	4.92	272,430	9.49
230403	WRITING ABOUT LITERATURE	49,918	1.74	36,392	1.51	18,865	0.69	26,902	0.94
230404	VOCABULARY	3,583	0.13	3,461	0.14	18,346	0.67	69,590	2.42
230405	SPELLING	541	0.02	442	0.02	7,124	0.26	11,201	0.39
230406	GRAMMAR 7	.	.	.	.	.	.	4,020	0.14
230407	GRAMMAR 8	.	.	.	.	.	.	3,164	0.11
230408	GRAMMAR 9	15,576	0.54	8,081	0.34	28,019	1.02	145,028	5.05
230409	GRAMMAR 10	8,448	0.30	8,531	0.35	15,357	0.56	111,546	3.89
230410	GRAMMAR 11	25,853	0.90	2,924	0.12	5,221	0.19	61,697	2.15
230411	GRAMMAR 12	33,993	1.19	5,780	0.24	38,692	1.41	50,716	1.77
230412	ETYMOLOGY	18,900	0.66	14,322	0.60	15,383	0.56	11,825	0.41
230413	HANDWRITING	.	.	139	0.01	2,284	0.08	101	0.00
230414	INTERPERSONAL COMMUNICATION	13,891	0.49	20,958	0.87	10,961	0.40	19,989	0.70
230415	WORD STUDY - REMEDIAL	3,103	0.11	266	0.01	107	0.00	.	.
230500	CREATIVE WRITING, OTHER	.	.	970	0.04	.	.	3,492	0.12
230511	CREATIVE WRITING 10	111,815	3.91	156,749	6.52	117,110	4.26	170,486	5.94
230512	CREATIVE WRITING 11	14,345	0.50	6,062	0.25	32,288	1.17	20,427	0.71
230513	CREATIVE WRITING 12	10,897	0.38	9,058	0.38	22,686	0.82	8,991	0.31
230521	CREATIVE WRITING, INDEPENDENT STUDY	671	0.02	3,207	0.13	3,944	0.14	3,814	0.13
230600	LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY)	.	.	.	.	.	.	4	0.00
230611	LINGUISTICS	4,540	0.16	11,142	0.46	3,964	0.14	18,975	0.66
230700	LITERATURE, AMERICAN, OTHER	.	.	82	0.00	.	.	33,320	1.16
230711	AMERICAN LITERATURE	434,809	15.19	428,448	17.82	423,500	15.40	530,052	18.47
230721	BLACK LITERATURE	6,990	0.24	13,451	0.56	2,129	0.08	9,810	0.34
230731	AMERICAN DREAM IN LITERATURE	32,048	1.12	3,084	0.13	8,280	0.30	28,548	0.99
230741	FOLKLORE, AMERICAN	1,721	0.06	.	.	.	.	9,637	0.34
230751	INDIAN LITERATURE	13,861	0.48	4,865	0.20	.	.	3,290	0.11
230761	STATE WRITERS	4,906	0.17	.	.	.	.	4,401	0.15
230771	WESTERN LITERATURE	.	.	228	0.01	1,516	0.06	17,131	0.60
230781	MEXICAN AMERICAN LITERATURE	566	0.02	178	0.01	.	.	367	0.01
230800	LITERATURE, ENGLISH, OTHER	.	.	875	0.04	8,260	0.30	72,359	2.52
230811	BRITISH LITERATURE SURVEY	247,143	8.63	225,368	9.37	207,799	7.55	218,560	7.62

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSCC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
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230821	SHAKESPEARE	39,119	1.37	17,421	0.72	43,224	1.57	52,617	1.83
230831	MODERN BRITISH WRITERS	13,436	0.47	635	0.03	15,060	0.55	7,155	0.25
230841	VICTORIAN LITERATURE	.	.	.	.	.	.	2,951	0.10
230851	SATIRE, MODERN BRITISH	2,371	0.08	166	0.01	2,602	0.09	12,343	0.43
230861	ARTHURIAN LEGEND	.	.	.	.	.	.	415	0.01
230900	RHETORIC, OTHER	.	.	56	0.00	840	0.03	7,307	0.25
231000	SPEECH, DEBATE, AND FORENSICS, OTHER	417	0.01	50	0.00	980	0.04	4,749	0.17
231011	PUBLIC SPEAKING	366,050	12.79	436,392	18.15	326,043	11.85	203,498	7.09
231021	SPEECH 1	306,053	10.69	182,931	7.61	247,645	9.00	367,625	12.81
231022	SPEECH 2	57,711	2.02	55,689	2.32	48,268	1.75	53,984	1.88
231023	SPEECH 3	8,855	0.31	2,712	0.11	2,913	0.11	9,453	0.33
231031	DEBATE PRACTICUM CONTRACT	3,856	0.13	4,012	0.17	1,357	0.05	3,577	0.12
231100	TECHNICAL AND BUSINESS WRITING, OTHER	.	.	.	.	.	.	2,330	0.08
231111	TECHNICAL ENGLISH	18,439	0.64	1,658	0.07	2,414	0.09	7,914	0.28
231211	READING DEVELOPMENT 1	94,250	3.29	145,405	6.05	184,845	6.72	.	.
231212	READING DEVELOPMENT 2	13,396	0.47	22,301	0.93	41,855	1.52	.	.
231213	READING DEVELOPMENT 3	7,687	0.27	9,963	0.41	19,732	0.72	.	.
231214	READING DEVELOPMENT 4	4,398	0.15	3,322	0.14	10,694	0.39	.	.
231215	SPEED READING	21,197	0.74	9,920	0.41	12,913	0.47	.	.
231216	ADVANCED READING & STUDY SKILLS	69,680	2.43	89,430	3.72	63,918	2.32	.	.
231311	FUNCTIONAL ENGLISH 1	75,886	2.65	109,637	4.56	135,383	4.92	.	.
231312	FUNCTIONAL ENGLISH 2	23,430	0.82	45,442	1.89	63,764	2.32	.	.
231313	FUNCTIONAL ENGLISH 3	16,947	0.59	17,194	0.72	56,003	2.04	.	.
231314	FUNCTIONAL ENGLISH 4	11,529	0.40	8,177	0.34	46,807	1.70	.	.
239900	LETTERS, OTHER	682	0.02	.	.	297	0.01	1,647	0.06
240100	LIBERAL/GENERAL STUDIES, OTHER	1,466	0.05	199	0.01	.	.	343	0.01
240111	LIBERAL STUDIES	578	0.02	4,682	0.19	5,354	0.19	1,269	0.04
240121	SUMMER ABROAD	1,106	0.04	322	0.01	547	0.02	2,403	0.08
240131	INDEPENDENT STUDY	118,770	4.15	39,294	1.63	51,987	1.89	47,000	1.64
240141	GIFTED AND TALENTED PROGRAM	18,748	0.66	11,565	0.48	6,778	0.25	.	.
240151	NON SPECIFIC COLLEGE LEVEL STUDIES	9,054	0.32	.	.	.	.	.	.
250100	LIBRARY AND ARCHIVAL SCIENCES, OTHER GENERAL	6,502	0.23	.	.	.	.	65	0.00
250111	LIBRARY SCIENCE	26,339	0.92	17,248	0.72	38,968	1.42	42,490	1.48
250300	LIBRARY ASSISTING, OTHER	.	.	.	.	730	0.03	1,113	0.04
250311	LIBRARY ASSISTANT	30,751	1.07	27,106	1.13	36,700	1.33	44,667	1.56
250400	LIBRARY SCIENCE, OTHER	.	.	.	.	.	.	149	0.01
250500	MUSEOLOGY, OTHER	31	0.00	.	.	.	.	27	0.00
259900	LIBRARY AND ARCHIVAL SCIENCES, OTHER	.	.	.	.	.	.	126	0.00
260100	BIOLOGY, OTHER GENERAL	.	.	.	.	180	0.01	25,440	0.89
260111	SCIENCE 7	.	.	.	.	145	0.01	9,709	0.34

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
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		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
260121	BIOLOGY, BASIC 1	251,808	8.80	312,305	12.99	366,618	13.33	673,982	23.48
260122	BIOLOGY, BASIC 2	5,034	0.18	941	0.04	1,233	0.04	.	.
260131	BIOLOGY, GENERAL 1	1,830,989	63.97	1,770,697	73.66	2,002,114	72.79	1,434,763	49.99
260132	BIOLOGY, GENERAL 2	193,526	6.76	223,146	9.28	160,482	5.83	.	.
260141	BIOLOGY, HONORS 1	284,051	9.92	221,731	9.22	172,491	6.27	96,051	3.35
260142	BIOLOGY, ADVANCED	85,987	3.00	115,629	4.81	146,903	5.34	219,960	7.66
260143	PRE-IB BIOLOGY 1 (GRADE 9 OR 10)	12,338	0.43	.	.	.	.	.	.
260144	IB BIOLOGY 2	6,940	0.24	.	.	.	.	.	.
260145	IB BIOLOGY 3	868	0.03	.	.	.	.	.	.
260146	AP BIOLOGY	109,275	3.82	.	.	.	.	.	.
260151	FIELD BIOLOGY	11,931	0.42	14,620	0.61	12,158	0.44	18,502	0.64
260161	GENETICS	10,264	0.36	11,255	0.47	6,095	0.22	17,384	0.61
260171	BIOPSYCHOLOGY	3,347	0.12	318	0.01	.	.	2,819	0.10
260181	BIOLOGY SEMINAR	6,957	0.24	5,667	0.24	1,957	0.07	2,967	0.10
260200	BIOCHEMISTRY AND BIOPHYSICS, OTHER	315	0.01	56	0.00	.	.	.	.
260211	BIOCHEMISTRY	6,103	0.21	4,475	0.19	264	0.01	5,839	0.20
260300	BOTANY, OTHER	.	.	.	.	.	.	3,022	0.11
260311	BOTANY	19,375	0.68	16,042	0.67	8,548	0.31	22,144	0.77
260411	CELL BIOLOGY	.	.	265	0.01	4,690	0.17	4,307	0.15
260500	MICROBIOLOGY, OTHER	.	.	405	0.02	.	.	402	0.01
260511	MICROBIOLOGY	6,048	0.21	10,206	0.42	9,957	0.36	18,380	0.64
260600	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES	.	.	308	0.01	.	.	648	0.02
260611	ECOLOGY	48,308	1.69	47,896	1.99	47,499	1.73	63,786	2.22
260621	MARINE BIOLOGY	96,423	3.37	52,111	2.17	56,391	2.05	36,185	1.26
260622	MARINE BIOLOGY, ADVANCED	1,952	0.07	86	0.00	343	0.01	3,450	0.12
260631	ANATOMY	846	0.03	13,834	0.58	12,804	0.47	16,064	0.56
260700	ZOOLOGY, OTHER	.	.	.	.	.	.	868	0.03
260711	ZOOLOGY	58,082	2.03	26,899	1.12	22,560	0.82	27,421	0.96
260721	ZOOLOGY, VERTEBRATE	76	0.00	4,121	0.17	4,938	0.18	4,892	0.17
260731	ZOOLOGY, INVERTEBRATE	66	0.00	54	0.00	1,887	0.07	1,558	0.05
260741	ANIMAL BEHAVIOR	4,075	0.14	7,775	0.32	57	0.00	4,807	0.17
260751	PHYSIOLOGY, HUMAN	314,674	10.99	253,506	10.55	204,096	7.42	149,634	5.21
260752	PHYSIOLOGY, ADVANCED	7,870	0.27	5,520	0.23	2,206	0.08	3,128	0.11
260761	PATHOLOGY	.	.	3,029	0.13	4,024	0.15	2,066	0.07
269900	LIFE SCIENCES, OTHER	.	.	107	0.00	.	.	624	0.02
270100	MATHEMATICS, OTHER GENERAL	1,773	0.06	2,474	0.10	1,447	0.05	54,861	1.91
270101	MATHEMATICS 7	.	.	.	.	.	.	2,702	0.09
270102	MATHEMATICS 7, ACCELERATED	132	0.00	.	.	.	.	119	0.00
270103	MATHEMATICS 8	.	.	.	.	91	0.00	2,897	0.10
270104	MATHEMATICS 8, ACCELERATED	1,845	0.06	.	.	.	.	3,247	0.11
270105	MATHEMATICS, BASIC (CHANGED TO 270601-270604)	97	0.00	.	.	925	0.03	237,640	8.28
270106	MATHEMATICS 1, GENERAL	279,061	9.75	317,530	13.21	511,255	18.59	777,500	27.09

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(Continued)

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		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
270107	MATHEMATICS 2, GENERAL	126,267	4.41	143,144	5.95	139,542	5.07	317,738	11.07
270108	SCIENCE MATHEMATICS	4,359	0.15	2,035	0.08	189	0.01	5,501	0.19
270109	MATHEMATICS IN THE ARTS	8,396	0.29	7,846	0.33	7,857	0.29	9,075	0.32
270110	MATHEMATICS, VOCATIONAL	62,548	2.19	54,489	2.27	59,140	2.15	51,246	1.79
270111	TECHNICAL MATHEMATICS	69,102	2.41	22,045	0.92	21,042	0.77	20,295	0.71
270112	MATHEMATICS REVIEW	62,160	2.17	23,027	0.96	39,403	1.43	32,527	1.13
270113	MATHEMATICS TUTORING	4,826	0.17	70	0.00	138	0.01	6,967	0.24
270114	CONSUMER MATHEMATICS	159,730	5.58	197,336	8.21	320,975	11.67	233,079	8.12
270200	ACTUARIAL SCIENCES, OTHER	.	.	.	.	.	.	267	0.01
270300	APPLIED MATHEMATICS, OTHER	159	0.01	1,450	0.06	.	.	3,154	0.11
270400	PURE MATHEMATICS, OTHER	2,743	0.10	.	.	274	0.01	12,516	0.44
270401	PRE-ALGEBRA	400,820	14.00	495,436	20.61	541,887	19.70	388,042	13.52
270402	ALGEBRA 1, PART 1	210,602	7.36	128,397	5.34	166,983	6.07	173,923	6.06
270403	ALGEBRA 1, PART 2	136,933	4.78	94,807	3.94	109,918	4.00	125,902	4.39
270404	ALGEBRA 1	1,500,905	52.44	1,594,124	66.31	1,763,763	64.12	1,641,944	57.21
270405	ALGEBRA 2	1,439,612	50.30	1,345,114	55.95	1,298,640	47.21	891,925	31.08
270406	GEOMETRY, PLANE	318,508	11.13	37,704	1.57	158,143	5.75	163,106	5.68
270407	GEOMETRY, SOLID	18,262	0.64	.	.	262	0.01	21,382	0.74
270408	GEOMETRY	1,304,011	45.56	1,523,867	63.39	1,452,001	52.79	1,139,876	39.72
270409	GEOMETRY, INFORMAL	163,418	5.71	136,882	5.69	154,929	5.63	92,159	3.21
270410	ALGEBRA 3	175,075	6.12	218,390	9.08	114,069	4.15	204,154	7.11
270411	TRIGONOMETRY	220,865	7.72	280,518	11.67	271,790	9.88	215,154	7.50
270412	ANALYTIC GEOMETRY	58,663	2.05	77,780	3.24	98,698	3.59	74,994	2.61
270413	TRIGONOMETRY AND SOLID GEOMETRY	12,550	0.44	4,704	0.20	2,484	0.09	12,962	0.45
270414	ALGEBRA AND TRIGONOMETRY	205,769	7.19	140,424	5.84	240,616	8.75	132,451	4.61
270415	ALGEBRA AND ANALYTIC GEOMETRY	3,044	0.11	24,012	1.00	6,890	0.25	14,643	0.51
270416	ANALYSIS, INTRODUCTORY	557,535	19.48	417,368	17.36	376,282	13.68	174,045	6.06
270417	LINEAR ALGEBRA	7,868	0.27	394	0.02	512	0.02	26,975	0.94
270418	CALCULUS AND ANALYTIC GEOMETRY	5,253	0.18	7,188	0.30	11,637	0.42	11,312	0.39
270419	CALCULUS	120,411	4.21	58,891	2.45	72,101	2.62	106,549	3.71
270420	AP CALCULUS AB	172,790	6.04	182,250	7.58	122,343	4.45	50,235	1.75
270421	MATHEMATICS 1, UNIFIED	229,280	8.01	125,929	5.24	136,350	4.96	39,533	1.38
270422	MATHEMATICS 2, UNIFIED	199,431	6.97	105,201	4.38	95,824	3.48	22,412	0.78
270423	MATHEMATICS 3, UNIFIED	131,126	4.58	76,657	3.19	83,449	3.03	26,895	0.94
270424	MATHEMATICS, INDEPENDENT STUDY	21,591	0.75	27,344	1.14	13,671	0.50	24,152	0.84
270425	GEOMETRY, PART 1	24,696	0.86	1,835	0.08	.	.	.	.
270426	GEOMETRY, PART 2	13,650	0.48	1,195	0.05	.	.	.	.
270427	UNIFIED MATH 1, PART 1	20,419	0.71	3,915	0.16	.	.	.	.
270428	UNIFIED MATH 1, PART 2	12,604	0.44	2,835	0.12	.	.	.	.
270429	PRE-IB GEOMETRY (GRADE 9 OR 10)	3,484	0.12	.	.	.	.	.	.
270430	PRE-IB ALGEBRA 2/TRIG (GRADE 9 OR 10)	1,598	0.06	.	.	.	.	.	.
270431	IB MATH METHODS 1	20,722	0.72	.	.	.	.	.	.
270432	IB MATH STUDIES 1	21,881	0.76	.	.	.	.	.	.

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270433	IB MATH STUDIES 2--PRE-CALCULUS	7,305	0.26	.	.	.	.	.	.
270434	IB MATH STUDIES--CALCULUS	1,435	0.05	.	.	.	.	.	.
270435	AP CALCULUS CD	12,600	0.44	.	.	.	.	.	.
270436	DISCRETE MATH	24,143	0.84	.	.	.	.	.	.
270437	FINITE MATH	10,858	0.38	.	.	.	.	.	.
270500	STATISTICS, OTHER	.	.	.	.	.	.	987	0.03
270511	STATISTICS	33,292	1.16	15,848	0.66	7,125	0.26	8,721	0.30
270521	PROBABILITY	3,691	0.13	.	.	174	0.01	1,978	0.07
270531	PROBABILITY AND STATISTICS	50,154	1.75	33,657	1.40	20,284	0.74	21,363	0.74
270532	AP STATISTICS	15,171	0.53	.	.	.	.	.	.
270601	BASIC MATH 1	139,491	4.87	143,624	5.97	248,210	9.02	.	.
270602	BASIC MATH 2	30,919	1.08	15,036	0.63	59,371	2.16	.	.
270603	BASIC MATH 3	13,809	0.48	2,371	0.10	13,505	0.49	.	.
270604	BASIC MATH 4	8,991	0.31	1,414	0.06	11,855	0.43	.	.
279900	MATHEMATICS, OTHER	820	0.03	678	0.03	3,014	0.11	14,767	0.51
280100	AEROSPACE SCIENCE (AIR FORCE), OTHER	.	.	.	.	.	.	2,000	0.07
280111	AEROSPACE EDUCATION	25,632	0.90	13,335	0.55	7,422	0.27	15,717	0.55
280112	AEROSPACE EDUCATION 2	14,692	0.51	4,614	0.19	4,968	0.18	6,836	0.24
280113	AEROSPACE EDUCATION 3	11,491	0.40	3,700	0.15	3,873	0.14	3,860	0.13
280114	AEROSPACE EDUCATION 4	5,093	0.18	2,484	0.10	1,247	0.05	.	.
280121	CIVIL AIR PATROL	.	.	41	0.00	.	.	1,805	0.06
280200	COAST GUARD SCIENCE, OTHER	.	.	.	.	.	.	12	0.00
280300	MILITARY SCIENCE (ARMY), OTHER	.	.	913	0.04	83	0.00	1,022	0.04
280311	ARMY LEADERSHIP DEVELOPMENT, INTRODUCTION	52,928	1.85	38,170	1.59	45,398	1.65	33,904	1.18
280312	ARMY INTERMEDIATE LEADERSHIP DEVELOPMENT	25,672	0.90	18,908	0.79	16,370	0.60	18,361	0.64
280313	ARMY APPLIED LEADERSHIP DEVELOPMENT	15,468	0.54	12,961	0.54	10,963	0.40	11,277	0.39
280314	ARMY ADVANCED LEADERSHIP DEVELOPMENT	8,742	0.31	6,747	0.28	5,374	0.20	6,421	0.22
280411	NAVAL SCIENCE 1	11,483	0.40	7,686	0.32	7,043	0.26	6,111	0.21
280412	NAVAL SCIENCE 2	5,782	0.20	3,930	0.16	4,760	0.17	497	0.02
280413	NAVAL SCIENCE 3	3,939	0.14	3,139	0.13	3,422	0.12	150	0.01
280414	NAVAL SCIENCE 4	3,426	0.12	1,853	0.08	1,923	0.07	.	.
280421	MARINE CORPS LEADERSHIP EDUCATION 1	2,010	0.07	1,627	0.07	1,714	0.06	362	0.01
280422	MARINE CORPS LEADERSHIP EDUCATION 2	1,129	0.04	970	0.04	984	0.04	88	0.00
280423	MARINE CORPS LEADERSHIP EDUCATION 3	373	0.01	766	0.03	658	0.02	208	0.01
280424	MARINE CORPS LEADERSHIP EDUCATION 4	.	.	558	0.02	326	0.01	.	.

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289900	MILITARY SCIENCES, OTHER	172	0.01	84	0.00	391	0.01	914	0.03
300100	BIOLOGICAL AND PHYSICAL SCIENCES, OTHER	524	0.02	391	0.02	797	0.03	18,171	0.63
300111	SCIENCE, UNIFIED	303,475	10.60	287,934	11.98	437,052	15.89	789,178	27.50
300112	COLLEGE PRE-SCIENCE SKILLS	14,589	0.51	7,820	0.33	7,801	0.28	.	.
300121	SCIENCE STUDY, INDEPENDENT	25,137	0.88	15,996	0.67	9,274	0.34	22,724	0.79
300131	OUTDOOR EDUCATION	988	0.03	381	0.02	3,137	0.11	4,686	0.16
300200	CLINICAL PASTORAL CARE, OTHER	.	.	.	.	.	.	136	0.00
300311	ENGINEERING CONCEPTS	4,392	0.15	.	.	.	.	1,623	0.06
300400	HUMANITIES AND SOCIAL SCIENCES, OTHER	79	0.00	.	.	.	.	2,801	0.10
300411	HUMANITIES	116,578	4.07	84,890	3.53	75,356	2.74	84,469	2.94
300421	HUMANITIES, EUROPEAN	11,133	0.39	11,705	0.49	6,847	0.25	11,274	0.39
300431	HUMANITIES, AMERICAN	37,834	1.32	11,324	0.47	5,786	0.21	7,770	0.27
300441	HUMANITIES, AFRICAN	.	.	.	.	.	.	552	0.02
300451	HUMANITIES, NEAR EAST AND FAR EAST	.	.	.	.	.	.	4,372	0.15
300500	PEACE STUDIES, OTHER	611	0.02	.	.	.	.	940	0.03
300611	FUTURISTICS	23,282	0.81	5,738	0.24	3,820	0.14	7,906	0.28
300621	ENVIRONMENTAL SCIENCE	192,704	6.73	114,766	4.77	113,967	4.14	64,465	2.25
300631	ENERGY AND ENVIRONMENT	1,717	0.06	4,350	0.18	6,615	0.24	5,340	0.19
300700	WOMEN'S STUDIES, OTHER	203	0.01	93	0.00	.	.	379	0.01
300711	WOMEN'S STUDIES	6,749	0.24	2,933	0.12	1,670	0.06	6,936	0.24
300721	WOMEN'S STUDIES IN LITERATURE	1,134	0.04	384	0.02	.	.	346	0.01
309900	MULTI/INTERDISCIPLINARY STUDIES, OTHER	373	0.01	.	.	835	0.03	1,369	0.05
310100	PARKS AND RECREATION, OTHER GENERAL	.	.	.	.	197	0.01	.	.
310111	RECREATION AIDE	1,554	0.05	456	0.02	.	.	587	0.02
310121	SEARCH AND RESCUE	118	0.00	.	.	.	.	.	.
310200	OUTDOOR RECREATION, OTHER	.	.	.	.	.	.	2,532	0.09
310300	PARKS AND RECREATION MANAGEMENT, OTHER	.	.	.	.	.	.	38	0.00
319900	PARKS AND RECREATION, OTHER	.	.	138	0.01	.	.	.	.
320100	BASIC SKILLS, CAREER AND EMPLOYMENT, OTHER	32	0.00	595	0.02	131	0.00	40,384	1.41
320101	RECORD KEEPING, PERSONAL (CHANGED TO 070153)	67	0.00	1,711	0.07	.	.	8,278	0.29
320102	CAREER PREPARATION	183,801	6.42	97,084	4.04	169,180	6.15	114,976	4.01
320103	CAREER EXPLORATION	169,564	5.92	126,189	5.25	162,643	5.91	165,656	5.77
320104	WORK EXPERIENCE	113,052	3.95	42,081	1.75	96,954	3.52	154,724	5.39
320105	WORK EXPERIENCE, ADVANCED	22,063	0.77	4,647	0.19	8,403	0.31	32,909	1.15
320106	COOPERATIVE EDUCATION 1	164,731	5.76	128,766	5.36	154,394	5.61	113,811	3.97
320107	COOPERATIVE EDUCATION 2	21,333	0.75	10,344	0.43	8,471	0.31	15,078	0.53



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320108	MATHEMATICS, VOCATIONAL (CHANGED TO 270110)	.	.	.	.	.	.	13,807	0.48
320109	READING DEVELOPMENT 1 (CHANGED TO 231211)	.	.	.	.	.	.	310,518	10.82
320110	READING DEVELOPMENT 2 (CHANGED TO 231212)	.	.	.	.	.	.	55,562	1.94
320111	SPEED READING (CHANGED TO 231215)	.	.	.	.	.	.	40,713	1.42
320112	SPEECH, DEVELOPMENTAL (DELETED)	.	.	.	.	.	.	11,097	0.39
320113	LANGUAGE DEVELOPMENT (CHANGED TO 160125 OR 231311)	.	.	.	.	.	.	13,322	0.46
320114	VOICE, DEVELOPMENTAL (DELETED)	.	.	.	.	.	.	1,474	0.05
320115	WORD STUDY, REMEDIAL (CHANGED TO 230415)	.	.	.	.	.	.	8,885	0.31
320116	SPEED WRITING (CHANGED TO 070613)	.	.	.	.	.	.	37,570	1.31
320117	STUDY DYNAMICS (CHANGED TO 320211)	.	.	.	.	.	.	32,026	1.12
320118	ENGLISH, FUNCTIONAL (CHANGED TO 231311)	.	.	.	.	.	.	46,871	1.63
320119	CONTEMPORARY ISSUES, BASIC SKILLS (CHANGED TO 451033)	.	.	.	.	.	.	24,260	0.85
320121	OFF-CAMPUS VO TECH TRAINING - UNSPECIFIED	23,015	0.80	14,238	0.59	14,755	0.54	.	.
320200	BASIC SKILLS, GENERAL, OTHER	103	0.00	1,086	0.05	757	0.03	.	.
320201	RESOURCE ROOM (NON SPECIAL ED)	4,598	0.16	11,149	0.46	5,197	0.19	.	.
320211	STUDY DYNAMICS	153,550	5.36	99,663	4.15	106,894	3.89	.	.
320221	TEST TAKING	103,853	3.63	45,281	1.88	63,789	2.32	.	.
320231	INDIVIDUALIZED ACADEMIC PROGRAM	4,661	0.16	3,567	0.15	.	.	.	.
330100	CITIZENSHIP/CIVIC ACTIVITIES, OTHER	.	.	816	0.03	39	0.00	3,736	0.13
330111	STUDENT ASSISTANT	397,976	13.90	326,986	13.60	442,962	16.10	398,628	13.89
330121	PEP SQUAD	14,867	0.52	8,412	0.35	14,698	0.53	18,242	0.64
330131	STUDENT GOVERNMENT	25,112	0.88	30,235	1.26	24,800	0.90	26,007	0.91
330141	TUTORING	45,629	1.59	26,491	1.10	15,013	0.55	36,195	1.26
330151	COMMUNITY SERVICE	85,503	2.99	35,360	1.47	23,843	0.87	19,361	0.67
330161	U.S. HISTORY, REMEDIAL (CHANGED TO 450809)	.	.	.	.	.	.	5,915	0.21
340100	HEALTH-RELATED ACTIVITIES, OTHER	3,727	0.13	10,665	0.44	3,173	0.12	34,769	1.21
340111	PHYSICAL AND HEALTH EDUCATION 7	.	.	.	.	.	.	2,455	0.09
340112	PHYSICAL AND HEALTH EDUCATION 8	31	0.00	.	.	138	0.01	6,873	0.24
340113	PHYSICAL AND HEALTH EDUCATION 9	1,840,021	64.29	1,797,282	74.76	1,985,300	72.18	2,242,150	78.12
340114	PHYSICAL EDUCATION 10	981,608	34.30	830,512	34.55	811,846	29.52	1,736,606	60.51
340115	PHYSICAL EDUCATION 11	533,836	18.65	395,504	16.45	350,225	12.73	1,072,469	37.37
340116	PHYSICAL EDUCATION 12	299,762	10.47	206,314	8.58	207,376	7.54	837,284	29.17
340121	ADAPTIVE PHYSICAL EDUCATION (MULTIHANDICAPPED)	11,670	0.41	11,017	0.46	12,132	0.44	15,131	0.53

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340122	PHYSICAL EDUCATION - MEDICALLY EXCUSED	4,728	0.17	2,554	0.11	1,648	0.06	.	.
340131	HEALTH 7	.	.	.	.	.	.	6,596	0.23
340132	HEALTH 8	.	.	.	.	.	.	6,512	0.23
340133	HEALTH 9	1,532,474	53.54	1,379,700	57.39	1,432,886	52.09	1,124,118	39.17
340134	HEALTH 10	329,715	11.52	258,389	10.75	336,705	12.24	453,272	15.79
340135	HEALTH 11	115,770	4.04	132,563	5.51	55,972	2.03	153,840	5.36
340136	HEALTH 12	45,893	1.60	53,241	2.21	66,167	2.41	88,254	3.07
340137	STATE REQUIREMENTS	86,613	3.03	70,311	2.92	83,913	3.05	.	.
340138	MODERN MEDICAL ISSUES	17,691	0.62	221	0.01	612	0.02	.	.
340141	DRUGS ALCOHOL AND TOBACCO	1,951	0.07	7,807	0.32	11,003	0.40	14,008	0.49
340151	DRIVER EDUCATION, CLASSROOM	210,030	7.34	217,087	9.03	308,512	11.22	1,279,755	44.59
340152	DRIVER EDUCATION, PRACTICE	481,055	16.81	512,746	21.33	772,059	28.07	189,558	6.60
340161	PHYSICAL EDUCATION LEADERSHIP TRAINING	29,028	1.01	25,206	1.05	27,788	1.01	32,236	1.12
340171	LIFE SAVING	13,820	0.48	6,847	0.28	11,359	0.41	14,528	0.51
340181	SAFETY	15,610	0.55	7,537	0.31	5,607	0.20	44,690	1.56
340191	SEX EDUCATION	12,938	0.45	3,792	0.16	4,829	0.18	26,522	0.92
350100	INTERPERSONAL SKILLS, OTHER	.	.	.	.	.	.	3,989	0.14
350111	INTERPERSONAL RELATIONSHIPS	76,140	2.66	10,364	0.43	42,237	1.54	26,848	0.94
350121	BUILDING HUMAN RELATIONSHIPS	72,322	2.53	31,287	1.30	38,582	1.40	14,219	0.50
350131	PEER COUNSELING	53,238	1.86	32,915	1.37	34,409	1.25	.	.
350141	DROPOUT PREVENTION	2,005	0.07	7,384	0.31	.	.	.	.
360100	LEISURE AND RECREATIONAL ACTIVITIES, OTHER	264	0.01	1,089	0.05	496	0.02	20,602	0.72
360111	SPORTS, INDIVIDUAL	153,672	5.37	136,954	5.70	169,569	6.16	156,037	5.44
360121	SPORTS, TEAM	362,620	12.67	353,809	14.72	347,765	12.64	272,950	9.51
360131	GYMNASTICS	10,929	0.38	6,310	0.26	23,004	0.84	51,669	1.80
360141	DRILL TEAM	21,505	0.75	25,857	1.08	15,971	0.58	18,465	0.64
360151	TRACK AND FIELD	21,147	0.74	21,428	0.89	10,183	0.37	28,674	1.00
360161	AQUATICS	48,877	1.71	49,969	2.08	22,087	0.80	38,655	1.35
360171	CONDITIONING AND ATHLETICS	616,094	21.53	349,725	14.55	330,991	12.03	158,940	5.54
360181	MOTORCYCLE OPERATION	.	.	781	0.03	.	.	393	0.01
360191	RECREATIONAL ACTIVITIES	31,362	1.10	3,781	0.16	16,606	0.60	19,411	0.68
360192	EXPERIENTIAL OUTDOOR EDUCATION	8,612	0.30	2,487	0.10	7,464	0.27	.	.
370100	PERSONAL AWARENESS, OTHER	224	0.01	16	0.00	181	0.01	8,478	0.30
370111	PERSONAL DEVELOPMENT TECHNIQUES	51,857	1.81	61,975	2.58	45,139	1.64	55,934	1.95
370121	COPING WITH PERSONAL PROBLEMS	10,551	0.37	419	0.02	7,273	0.26	15,785	0.55
370131	SELF PERCEPTION	7,481	0.26	12,036	0.50	4,498	0.16	11,828	0.41
380100	PHILOSOPHY, OTHER	.	.	334	0.01	95	0.00	1,971	0.07
380111	PHILOSOPHY	21,046	0.74	15,348	0.64	19,310	0.70	20,112	0.70
380121	ETHICS	9,120	0.32	11,890	0.49	14,077	0.51	17,899	0.62
380131	LOGIC	3,433	0.12	16,119	0.67	4,565	0.17	11,977	0.42
380141	EPISTEMICS	.	.	3,390	0.14	1,128	0.04	393	0.01

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSCC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
380142	IB THEORY OF KNOWLEDGE	10,593	0.37	.	.	.	.	.	.
380151	SOCIAL JUSTICE ISSUES	790	0.03	2,424	0.10	11,993	0.44	11,906	0.41
380200	RELIGION, OTHER	209	0.01	16,665	0.69	4,163	0.15	101,118	3.52
380201	CATHOLICISM, FOUNDATIONS	53,900	1.88	88,133	3.67	80,999	2.94	41,795	1.46
380202	WHO IS JESUS	45,721	1.60	21,073	0.88	30,818	1.12	62,881	2.19
380203	SCRIPTURE	185,682	6.49	153,470	6.38	149,204	5.42	126,402	4.40
380204	MORAL ISSUES, SOCIAL AND INDIVIDUAL	141,671	4.95	98,352	4.09	128,438	4.67	87,235	3.04
380205	MARRIAGE, LIFE CHOICES IN CHRISTIAN LIVING	54,999	1.92	50,318	2.09	84,497	3.07	89,021	3.10
380206	COMPARATIVE RELIGION	53,974	1.89	19,925	0.83	25,404	0.92	32,813	1.14
380207	SACRAMENTS	22,602	0.79	27,693	1.15	47,316	1.72	27,963	0.97
380208	EASTERN RELIGIOUS THOUGHT	38	0.00	107	0.00	.	.	992	0.03
380209	RELIGION AND PSYCHOLOGY	3,112	0.11	.	.	4,696	0.17	12,153	0.42
380210	WESTERN RELIGIONS	19,844	0.69	107	0.00	1,396	0.05	2,532	0.09
380211	RELIGION AND LITERATURE	603	0.02	.	.	926	0.03	9,808	0.34
380212	RELIGION, INTRODUCTION	31,172	1.09	51,658	2.15	61,545	2.24	46,624	1.62
380213	PRAYER AND LITURGY	19,667	0.69	5,622	0.23	9,734	0.35	14,861	0.52
380214	JUDAISM, FOUNDATIONS	296	0.01	998	0.04	2,595	0.09	.	.
380215	PROTESTANTISM, FOUNDATIONS	5,683	0.20	2,994	0.12	13,404	0.49	.	.
380216	RELIGIOUS MOVEMENTS IN AMERICA	114	0.00	.	.	.	.	.	.
380217	ISLAM AND THE KORAN	16	0.00	198	0.01	424	0.02	.	.
389900	PHILOSOPHY AND RELIGION, OTHER	.	.	.	.	.	.	143	0.00
390100	BIBLICAL LANGUAGES, OTHER	.	.	.	.	.	.	30	0.00
390200	BIBLE STUDIES, OTHER	.	.	11,778	0.49	145	0.01	4,063	0.14
390300	MISSIONARY STUDIES, OTHER	.	.	.	.	440	0.02	.	.
390400	RELIGIOUS EDUCATION, OTHER	.	.	.	.	5,644	0.21	11,467	0.40
390500	RELIGIOUS MUSIC, OTHER	286	0.01	.	.	.	.	.	.
390600	THEOLOGICAL STUDIES, OTHER	.	.	.	.	.	.	820	0.03
390611	THEOLOGICAL STUDIES	9,519	0.33	4,689	0.20	1,938	0.07	8,996	0.31
399900	THEOLOGY, OTHER	.	.	3,810	0.16	4,914	0.18	12,048	0.42
400100	PHYSICAL SCIENCES, OTHER GENERAL	494	0.02	402	0.02	148	0.01	5,300	0.18
400111	SCIENCE 8	.	.	.	.	.	.	11,509	0.40
400121	PHYSICAL SCIENCE	1,181,293	41.27	1,078,916	44.88	995,071	36.18	838,408	29.21
400131	CHEMISTRY AND PHYSICS LABORATORY TECHNIQUES	12,985	0.45	18,736	0.78	25,785	0.94	19,265	0.67
400141	PHYSICAL SCIENCE, APPLIED	92,929	3.25	120,685	5.02	119,461	4.34	27,436	0.96
400200	ASTRONOMY, OTHER	.	.	553	0.02	.	.	1,501	0.05
400211	ASTRONOMY	59,591	2.08	42,832	1.78	37,675	1.37	41,205	1.44
400400	ATMOSPHERIC SCIENCES AND METEOROLOGY, OTHER	.	.	.	.	.	.	142	0.00
400411	METEOROLOGY	5,285	0.18	10,976	0.46	2,285	0.08	18,509	0.64
400500	CHEMISTRY, OTHER	.	.	133	0.01	.	.	11,095	0.39
400511	CHEMISTRY, INTRODUCTORY	154,826	5.41	208,194	8.66	183,540	6.67	189,096	6.59

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

C SSC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
400521	CHEMISTRY 1	1,357,371	47.42	1,172,472	48.77	1,193,248	43.38	701,965	24.46
400522	CHEMISTRY 2	76,140	2.66	106,568	4.43	110,172	4.01	102,056	3.56
400523	PRE-IB CHEMISTRY 1 (GRADE 9 OR 10)	10,009	0.35	.	.	.	.	.	.
400524	IB CHEMISTRY 2	2,027	0.07	.	.	.	.	.	.
400525	IB CHEMISTRY 3	1,786	0.06	.	.	.	.	.	.
400526	AP CHEMISTRY	70,393	2.46	.	.	.	.	.	.
400531	ORGANIC CHEMISTRY	10,691	0.37	6,928	0.29	2,628	0.10	7,023	0.24
400541	PHYSICAL CHEMISTRY	1,238	0.04	1,179	0.05	412	0.01	1,861	0.06
400551	CONSUMER CHEMISTRY	31,324	1.09	19,858	0.83	16,050	0.58	9,339	0.33
400561	CHEMISTRY, INDEPENDENT STUDY	584	0.02	461	0.02	475	0.02	3,773	0.13
400600	GEOLOGICAL SCIENCES, OTHER	.	.	.	.	.	.	4,800	0.17
400611	EARTH SCIENCE	368,406	12.87	454,119	18.89	570,402	20.74	337,712	11.77
400621	EARTH SCIENCE, COLLEGE PREPARATORY	143,233	5.00	81,957	3.41	87,977	3.20	12,211	0.43
400631	GEOLOGY	39,225	1.37	25,377	1.06	38,242	1.39	49,889	1.74
400632	GEOLOGY - FIELD STUDIES	4,011	0.14	.	.	.	.	.	.
400641	MINERALOGY	.	.	.	.	940	0.03	3,356	0.12
400700	MISCELLANEOUS PHYSICAL SCIENCES, OTHER	.	.	50	0.00	.	.	.	.
400711	OCEANOGRAPHY	31,831	1.11	24,611	1.02	17,159	0.62	30,195	1.05
400800	PHYSICS, OTHER	139	0.00	1,308	0.05	711	0.03	5,704	0.20
400811	PHYSICS, GENERAL	105,532	3.69	87,177	3.63	75,967	2.76	94,289	3.29
400821	PHYSICS 1	612,226	21.39	500,403	20.82	508,006	18.47	324,578	11.31
400822	PHYSICS 2	35,299	1.23	61,104	2.54	61,985	2.25	39,539	1.38
400823	IB PHYSICS	987	0.03	.	.	.	.	.	.
400824	AP PHYSICS B	44,920	1.57	.	.	.	.	.	.
400825	AP PHYSICS C: MECHANICS	359	0.01	.	.	.	.	.	.
400831	PHYSICS 2 WITHOUT CALCULUS	3,454	0.12	3,067	0.13	.	.	1,192	0.04
400841	ELECTRICITY AND ELECTRONICS SCIENCE	941	0.03	261	0.01	450	0.02	7,491	0.26
400900	PLANETARY SCIENCE, OTHER	.	.	.	.	.	.	589	0.02
400911	ROCKETRY AND SPACE SCIENCE	2,124	0.07	2,060	0.09	5,040	0.18	11,455	0.40
401011	AEROSPACE SCIENCE	1,168	0.04	3,353	0.14	1,159	0.04	.	.
409900	PHYSICAL SCIENCES, OTHER	.	.	1,328	0.06	.	.	3,431	0.12
410100	BIOLOGICAL TECHNOLOGIES, OTHER	.	.	298	0.01	.	.	36	0.00
410200	NUCLEAR TECHNOLOGIES, OTHER	.	.	.	.	137	0.00	1,032	0.04
410211	RADIOACTIVITY	4,480	0.16	.	.	137	0.00	.	.
410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER	.	.	.	.	.	.	287	0.01
419900	SCIENCE TECHNOLOGIES, OTHER	.	.	.	.	787	0.03	696	0.02
420100	PSYCHOLOGY, OTHER GENERAL	1,667	0.06	.	.	.	.	9,383	0.33
420111	PSYCHOLOGY	581,730	20.32	538,343	22.39	650,838	23.66	583,585	20.33
420112	PSYCHOLOGY, ADVANCED	30,282	1.06	15,059	0.63	19,432	0.71	33,387	1.16
420113	ABNORMAL PSYCHOLOGY	5,369	0.19	.	.	3,271	0.12	.	.

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSSC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
420114	AP PSYCHOLOGY	50,614	1.77	14,602	0.61	.	.	.	.
420115	IB PSYCHOLOGY	2,619	0.09	.	.	.	.	.	.
420311	PSYCHOLOGY OF LEARNING	2,715	0.09	.	.	.	.	4,318	0.15
420321	EDUCATIONAL PSYCHOLOGY	390	0.01	.	.	.	.	.	.
420600	COUNSELING PSYCHOLOGY, OTHER	.	.	139	0.01	.	.	576	0.02
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER	.	.	945	0.04	.	.	56	0.00
420711	CHILD PSYCHOLOGY	9,994	0.35	.	.	.	.	3,261	0.11
420721	ADOLESCENT PSYCHOLOGY	89	0.00	1,531	0.06	1,442	0.05	5,613	0.20
420731	ADJUSTMENT PSYCHOLOGY	68	0.00	.	.	394	0.01	3,631	0.13
420800	EXPERIMENTAL PSYCHOLOGY, OTHER	6,374	0.22	.	.	.	.	1,372	0.05
420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER	.	.	.	.	.	.	480	0.02
421000	PERSONALITY PSYCHOLOGY, OTHER	717	0.03	.	.	.	.	374	0.01
421011	HISTORICAL PERSONALITIES AND IDEAS	.	.	.	.	.	.	445	0.02
421021	HUMANISTIC PSYCHOLOGY	5,179	0.18	207	0.01	1,206	0.04	6,141	0.21
421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER	.	.	.	.	.	.	2,017	0.07
421200	PSYCHOLINGUISTICS, OTHER	.	.	.	.	.	.	664	0.02
421300	PSYCHOMETRICS, OTHER	2,689	0.09	.	.	.	.	.	.
421411	PSYCHOPHARMACOLOGY	.	.	528	0.02	.	.	255	0.01
421600	SOCIAL PSYCHOLOGY, OTHER	.	.	.	.	147	0.01	.	.
421611	SOCIAL PSYCHOLOGY	14,822	0.52	20,139	0.84	5,461	0.20	25,335	0.88
429900	PSYCHOLOGY, OTHER	503	0.02	.	.	.	.	3,191	0.11
430100	CRIMINAL JUSTICE, OTHER	.	.	622	0.03	.	.	3,761	0.13
430111	LAW ENFORCEMENT	24,326	0.85	26,594	1.11	10,892	0.40	18,374	0.64
430121	LAW SCIENCE	2,062	0.07	46	0.00	.	.	5,967	0.21
430211	FIRE FIGHTING PRACTICES	2,733	0.10	320	0.01	.	.	.	.
430221	FIRE SAFETY EDUCATION	.	.	133	0.01	.	.	.	.
430311	SECURITY GUARD	.	.	638	0.03	.	.	.	.
439900	PROTECTIVE SERVICES, OTHER	.	.	622	0.03	.	.	28	0.00
440100	PUBLIC AFFAIRS, OTHER GENERAL	.	.	.	.	.	.	2,003	0.07
440200	COMMUNITY SERVICES, OTHER	.	.	.	.	.	.	2,734	0.10
440711	HUMAN SERVICES	6,589	0.23	1,551	0.06	.	.	1,754	0.06
449900	PUBLIC AFFAIRS, OTHER	.	.	.	.	.	.	73	0.00
450100	SOCIAL SCIENCES, OTHER GENERAL	3,251	0.11	2,741	0.11	564	0.02	17,099	0.60
450111	SOCIAL SCIENCE, INTRODUCTION	169,238	5.91	139,367	5.80	221,658	8.06	471,357	16.42
450121	SOCIAL SCIENCE, ADVANCED THEORY AND RESEARCH	33,260	1.16	9,433	0.39	6,681	0.24	29,440	1.03
450131	SOCIAL SCIENCE SEMINAR	25,550	0.89	17,924	0.75	1,324	0.05	1,414	0.05
450141	SOCIAL STUDIES, INDEPENDENT STUDY	6,303	0.22	857	0.04	5,443	0.20	7,556	0.26
450200	ANTHROPOLOGY, OTHER	.	.	.	.	.	.	7,477	0.26
450211	ANTHROPOLOGY	22,242	0.78	21,621	0.90	14,157	0.51	60,097	2.09
450221	COMPARATIVE CULTURAL PATTERNS	5,646	0.20	67	0.00	274	0.01	1,806	0.06
450241	CULTURAL ANTHROPOLOGY, RESEARCH	.	.	4,765	0.20	432	0.02	3,552	0.12
450300	ARCHAEOLOGY, OTHER	.	.	.	.	.	.	965	0.03

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSSC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
450311	ARCHAEOLOGY	2,973	0.10	7,977	0.33	3,884	0.14	5,326	0.19
450400	CRIMINOLOGY, OTHER	.	.	.	.	3,628	0.13	2,681	0.09
450500	DEMOGRAPHY, OTHER	.	.	.	.	.	.	2,186	0.08
450511	POPULATION EDUCATION	.	.	.	.	.	.	8,545	0.30
450600	ECONOMICS, OTHER	114	0.00	535	0.02	180	0.01	18,195	0.63
450601	ECONOMICS, THEORY	735,170	25.69	617,862	25.70	807,236	29.35	520,410	18.13
450602	ECONOMICS AND ECONOMIC PROBLEMS	360,155	12.58	411,886	17.13	382,338	13.90	140,897	4.91
450603	CONSUMER ECONOMICS	65,113	2.27	44,521	1.85	146,915	5.34	175,567	6.12
450604	FILING YOUR INCOME TAXES	.	.	.	.	892	0.03	2,340	0.08
450605	INSURANCE THEORY	.	.	.	.	.	.	2,218	0.08
450606	INVESTMENT ECONOMICS	.	.	3,269	0.14	.	.	1,095	0.04
450607	TELEVISION AND ECONOMICS	.	.	.	.	.	.	907	0.03
450608	ENERGY EDUCATION	325	0.01	94	0.00	205	0.01	4,490	0.16
450609	AMERICAN LABOR HISTORY	76	0.00	.	.	.	.	3,066	0.11
450610	ECONOMICS, ANALYSIS AND CRITICISM	.	.	.	.	.	.	6,401	0.22
450611	ECONOMICS, COLLEGE	23,584	0.82	4,446	0.18	6,712	0.24	12,025	0.42
450612	INTERNATIONAL ECONOMICS	3,455	0.12	1,381	0.06	4,420	0.16	.	.
450613	AP MICROECONOMICS	25,596	0.89	18,544	0.77	.	.	.	.
450614	AP MACROECONOMICS	13,694	0.48	.	.	.	.	.	.
450615	IB MICROECONOMICS	492	0.02	.	.	.	.	.	.
450700	GEOGRAPHY, OTHER	1,584	0.06	691	0.03	.	.	9,604	0.33
450701	GEOGRAPHY 8	.	.	.	.	.	.	2,179	0.08
450702	GEOGRAPHY, UNITED STATES	14,510	0.51	11,090	0.46	4,691	0.17	16,731	0.58
450703	GEOGRAPHY, NORTH AMERICAN	666	0.02	571	0.02	3,207	0.12	1,324	0.05
450704	WORLD GEOGRAPHY	653,216	22.82	588,233	24.47	573,063	20.83	420,719	14.66
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA	739	0.03	1,993	0.08	13,281	0.48	10,519	0.37
450706	GEOGRAPHY, EASTERN HEMISPHERE	441	0.02	1,708	0.07	10,212	0.37	4,138	0.14
450707	PHYSICAL GEOGRAPHY	3,236	0.11	1,719	0.07	7,780	0.28	18,469	0.64
450708	ECONOMIC AND POLITICAL GEOGRAPHY	7,519	0.26	133	0.01	2,336	0.08	3,115	0.11
450709	HUMAN AND CULTURAL GEOGRAPHY	6,148	0.21	1,681	0.07	1,776	0.06	22,830	0.80
450710	FIELD GEOGRAPHY, HONORS	102	0.00	.	.	.	.	194	0.01
450711	IB WORLD GEOGRAPHY	780	0.03	.	.	.	.	.	.
450800	HISTORY, OTHER	1,739	0.06	4,700	0.20	5,950	0.22	119,397	4.16
450801	HISTORY AND GEOGRAPHY 7	.	.	.	.	89	0.00	3,437	0.12
450802	OUR CULTURAL HERITAGE 7	.	.	.	.	.	.	2,886	0.10
450803	SOCIAL STUDIES 7, HONORS	.	.	.	.	.	.	3,830	0.13
450804	UNITED STATES HISTORY 8	.	.	17,039	0.71	.	.	1,748	0.06
450805	SOCIAL STUDIES 8	.	.	.	.	.	.	6,513	0.23
450806	SOCIAL STUDIES 8, HONORS	.	.	.	.	.	.	3,726	0.13
450807	UNITED STATES HISTORY, STATE AND LOCAL	138,545	4.84	254,511	10.59	360,396	13.10	282,842	9.85
450808	UNITED STATES HISTORY, ADVANCED PLACEMENT	239	0.01	7,623	0.32	7,956	0.29	9,090	0.32

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450809	AMERICAN HISTORY, BASIC	66,326	2.32	48,475	2.02	93,410	3.40	34,723	1.21
450810	AMERICAN HISTORY	1,231,253	43.02	1,324,826	55.11	1,549,953	56.35	1,289,607	44.93
450811	UNITED STATES HISTORY 1	239,538	8.37	207,601	8.64	458,230	16.66	877,913	30.59
450812	UNITED STATES HISTORY 2	486,319	16.99	423,131	17.60	305,205	11.10	241,656	8.42
450813	UNITED STATES HISTORY, HONORS	156,928	5.48	98,466	4.10	86,449	3.14	38,892	1.36
450814	AMERICAN HISTORY, ADVANCED PLACEMENT	196,729	6.87	164,367	6.84	158,216	5.75	57,939	2.02
450815	WESTWARD MOVEMENT	5,536	0.19	4,468	0.19	3,419	0.12	32,223	1.12
450816	TWENTIETH CENTURY AMERICA	228,507	7.98	143,832	5.98	161,396	5.87	92,857	3.24
450817	TWENTIES AND THIRTIES	4,344	0.15	4,863	0.20	2,708	0.10	19,792	0.69
450818	AMERICA SINCE 1945	29,104	1.02	40,421	1.68	67,554	2.46	28,551	0.99
450819	NINETEEN SIXTIES	3,407	0.12	15,924	0.66	6,474	0.24	4,312	0.15
450820	NINETEEN SEVENTIES	.	.	.	.	1,209	0.04	5,099	0.18
450821	REFORM IN AMERICAN HISTORY	9,833	0.34	.	.	.	.	18,734	0.65
450822	AMERICAN INQUIRIES	2,559	0.09	.	.	.	.	3,542	0.12
450823	HISTORIC EVENTS, UNITED STATES	.	.	.	.	136	0.00	6,741	0.23
450824	AMERICAN WARS, CAUSES AND EFFECTS	1,346	0.05	7,441	0.31	7,175	0.26	23,555	0.82
450825	CIVIL WAR	6,879	0.24	9,267	0.39	2,361	0.09	26,069	0.91
450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM	12,713	0.44	11,469	0.48	14,096	0.51	15,304	0.53
450827	WAR AND MODERN CONSCIOUSNESS	.	.	.	.	146	0.01	1,363	0.05
450828	WORLD WAR II	3,430	0.12	303	0.01	1,174	0.04	5,021	0.17
450829	UNITED STATES MILITARY HISTORY 1	172	0.01	.	.	91	0.00	8,558	0.30
450830	UNITED STATES MILITARY HISTORY 2	.	.	.	.	8,682	0.32	2,046	0.07
450831	UNITED STATES HISTORY, FIELD STUDY	.	.	.	.	1,125	0.04	.	.
450832	NORTH AMERICAN HISTORY	128	0.00	1,006	0.04	334	0.01	2,029	0.07
450833	MEXICAN HISTORY	1,651	0.06	156	0.01	987	0.04	4,956	0.17
450834	SOUTH AMERICAN HISTORY	153	0.01	132	0.01	1,089	0.04	176	0.01
450835	WORLD HISTORY	1,243,571	43.45	1,198,621	49.86	1,196,146	43.49	809,118	28.19
450836	WORLD HISTORY, COLLEGE	81,093	2.83	32,455	1.35	21,304	0.77	13,250	0.46
450837	WORLD HISTORY, MODERN	72,551	2.53	142,014	5.91	119,758	4.35	59,275	2.07
450838	WORLD CIVILIZATION, TWENTIETH CENTURY	73,462	2.57	27,428	1.14	9,424	0.34	19,941	0.69
450839	WORLD CIVILIZATION, TWENTIETH CENTURY, HONORS	8,261	0.29	3,573	0.15	1,931	0.07	5,551	0.19
450840	WESTERN CIVILIZATION 9	86,654	3.03	146,175	6.08	140,277	5.10	128,912	4.49
450841	WESTERN CIVILIZATION 9, HONORS	9,972	0.35	8,224	0.34	16,308	0.59	9,170	0.32
450842	WESTERN CIVILIZATION, HISTORY	35,161	1.23	39,280	1.63	42,786	1.56	88,172	3.07
450843	EARLY WESTERN CIVILIZATION	39,707	1.39	3,008	0.13	21,268	0.77	4,728	0.16
450844	WESTERN CIVILIZATION, ADVANCED PLACEMENT	4,702	0.16	5,243	0.22	19,307	0.70	18,177	0.63
450845	ANCIENT AND CLASSICAL WORLD	14,433	0.50	7,092	0.30	17,249	0.63	10,789	0.38
450846	ANCIENT GREEK HISTORY	6,098	0.21	107	0.00	151	0.01	5,270	0.18
450847	ROME AND HER EMPIRE	6,182	0.22	.	.	.	.	1,429	0.05

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450848	ANCIENT HISTORY AND MIDDLE AGES	48,900	1.71	48,338	2.01	43,704	1.59	69,795	2.43
450849	ENGLISH HISTORY	.	.	89	0.00	1,125	0.04	3,744	0.13
450850	ENGLISH HISTORY, HONORS	.	.	.	.	.	.	3,756	0.13
450851	FRENCH REVOLUTION, HONORS	.	.	.	.	.	.	277	0.01
450852	MODERN EUROPE	42,553	1.49	6,189	0.26	39,287	1.43	40,482	1.41
450853	EUROPEAN HISTORY, MID-NINETEENTH THROUGH MID-TWENTIETH CENTURY	383	0.01	6,374	0.27	2,954	0.11	8,132	0.28
450854	EUROPEAN HISTORY, TWENTIETH CENTURY	20,147	0.70	2,246	0.09	1,805	0.07	25,347	0.88
450855	EUROPEAN HISTORY, ADVANCED READINGS	4,996	0.17	.	.	100	0.00	7,630	0.27
450856	EUROPEAN HISTORY, MODERN, ADVANCED PLACEMENT	57,259	2.00	35,674	1.48	28,763	1.05	23,072	0.80
450857	THIRD WORLD HISTORY	15,830	0.55	172	0.01	179	0.01	4,359	0.15
450858	AFRICAN HISTORY	7,486	0.26	577	0.02	181	0.01	7,732	0.27
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA	685	0.02	.	.	154	0.01	12,726	0.44
450860	LATIN AMERICAN HISTORY	1,791	0.06	1,280	0.05	688	0.03	8,600	0.30
450861	MIDDLE EAST HISTORY	10,921	0.38	239	0.01	589	0.02	3,024	0.11
450862	ISRAEL, HISTORY	986	0.03	.	.	.	.	394	0.01
450863	EASTERN CIVILIZATION	20,222	0.71	15,837	0.66	5,508	0.20	22,438	0.78
450864	FAR EAST, HISTORY	2,972	0.10	.	.	151	0.01	2,457	0.09
450865	ASIAN HISTORY, MODERN	896	0.03	279	0.01	4,466	0.16	7,938	0.28
450866	PACIFIC LANDS, HISTORY	.	.	29	0.00	2,572	0.09	3,605	0.13
450867	RUSSIAN HISTORY	414	0.01	9,454	0.39	13,871	0.50	8,359	0.29
450868	WORLD LEADERS, PAST AND PRESENT	1,646	0.06	5,719	0.24	1,370	0.05	10,154	0.35
450869	HISTORICAL RESEARCH	2,147	0.08	1,048	0.04	2,515	0.09	540	0.02
450870	PRE-IB WORLD HISTORY (GRADE 9 OR 10)	10,315	0.36	.	.	.	.	.	.
450871	IB HISTORY OF THE AMERICAS	4,468	0.16	.	.	.	.	.	.
450872	IB TWENTIETH CENTURY WORLD TOPICS	4,655	0.16	.	.	.	.	.	.
450873	IB HISTORY OF EUROPE	422	0.01	.	.	.	.	.	.
450874	PRE-IB US HISTORY	2,419	0.08	.	.	.	.	.	.
450900	INTERNATIONAL RELATIONS, OTHER	.	.	.	.	.	.	390	0.01
450911	INTERNATIONAL RELATIONS	14,772	0.52	17,047	0.71	21,466	0.78	39,749	1.38
450921	INTERNATIONAL RELATIONS, HONORS	2,559	0.09	.	.	3,170	0.12	1,807	0.06
450931	INTERNATIONAL LAW	3,807	0.13	557	0.02	.	.	564	0.02
450941	MODEL SECURITY COUNCIL, LOCAL	.	.	.	.	.	.	314	0.01
450951	MODEL UNITED NATIONS, LOCAL	82	0.00	1,454	0.06	2,679	0.10	974	0.03
450952	MODEL UNITED NATIONS, NATIONAL	.	.	.	.	.	.	586	0.02
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER	114	0.00	401	0.02	.	.	14,769	0.51
451001	CIVICS	408,280	14.26	212,425	8.84	326,552	11.87	444,363	15.48
451002	STATE AND LOCAL GOVERNMENT	33,133	1.16	27,770	1.16	41,846	1.52	33,015	1.15



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451003	GOVERNMENT, BASIC	42,313	1.48	49,605	2.06	76,941	2.80	26,392	0.92
451004	AMERICAN GOVERNMENT	1,206,236	42.14	1,215,240	50.55	1,364,499	49.61	1,140,629	39.74
451005	PRESIDENCY	.	.	112	0.00	268	0.01	15,064	0.52
451006	FRAMEWORK OF THE CONSTITUTION	1,564	0.05	994	0.04	6,086	0.22	32,034	1.12
451007	INDIVIDUAL VS. STATE	1,257	0.04	582	0.02	4,180	0.15	5,206	0.18
451008	NATIONAL STATE AND LOCAL ELECTIONS	807	0.03	21,237	0.88	18,713	0.68	36,606	1.28
451009	ELECTIONS, POLITICS AND MORALITY, HONORS	.	.	.	.	192	0.01	7,943	0.28
451010	CONTEMPORARY WORLD AFFAIRS	129,885	4.54	119,458	4.97	122,851	4.47	126,458	4.41
451011	AMERICAN FOREIGN POLICY	10,287	0.36	5,194	0.22	11,241	0.41	11,741	0.41
451012	DECISION MAKING IN A CRISIS	.	.	.	.	43	0.00	1,091	0.04
451013	AMERICAN HERITAGE, HONORS	11,003	0.38	6,241	0.26	6,668	0.24	4,703	0.16
451014	CONTEMPORARY AMERICAN POLITICAL ISSUES	76,369	2.67	88,654	3.69	62,837	2.28	82,170	2.86
451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS	2,817	0.10	2,816	0.12	9,360	0.34	8,562	0.30
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC	62,977	2.20	25,092	1.04	18,820	0.68	5,831	0.20
451017	AMERICAN GOVERNMENT AND ECONOMICS	319,006	11.15	257,389	10.71	244,778	8.90	61,053	2.13
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS	24,099	0.84	8,020	0.33	13,144	0.48	8,113	0.28
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC	297	0.01	13,385	0.56	7,348	0.27	4,668	0.16
451020	COMPARATIVE WORLD GOVERNMENTS	1,750	0.06	984	0.04	22,971	0.84	17,599	0.61
451021	AMERICANISM VS. COMMUNISM	.	.	.	.	5,592	0.20	19,720	0.69
451022	AMERICANISM VS. COMMUNISM, HONORS	.	.	.	.	638	0.02	.	.
451023	COMMUNISM AND ITS GROWTH	.	.	.	.	8,345	0.30	4,267	0.15
451024	CIVICS, HONORS	1,014	0.04	.	.	3,777	0.14	1,865	0.06
451025	WRITINGS INFLUENCING GOVERNMENT	1,278	0.04	.	.	.	.	1,005	0.04
451026	GOVERNMENT INTERNSHIP	92	0.00	1,031	0.04	2,815	0.10	4,222	0.15
451027	MODEL SENATE	.	.	.	.	.	.	471	0.02
451028	POLITICAL LEADERSHIP	38,164	1.33	5,712	0.24	13,573	0.49	1,202	0.04
451029	POLITICAL SCIENCE	34,957	1.22	22,409	0.93	48,735	1.77	31,712	1.10
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT	2,675	0.09	42,822	1.78	34,383	1.25	2,373	0.08
451031	POLITICAL SCIENCE AND GOVERNMENT	680	0.02	923	0.04	.	.	.	.
451032	POLITICAL TURMOIL	.	.	599	0.02	.	.	.	.
451033	CONTEMPORARY ISSUES, BASIC SKILLS	6,129	0.21	4,500	0.19	9,283	0.34	.	.
451034	PRE-IB AMERICAN GOVERNMENT/ECONOMICS (GRADE 9 OR 10)	6,545	0.23	.	.	.	.	.	.
451035	AP AMERICAN GOVERNMENT AND POLITICS	89,831	3.14	.	.	.	.	.	.

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451036	AP COMPARATIVE GOVERNMENT & POLITICS	1,227	0.04	.	.	.	.	.	.
451100	SOCIOLOGY, OTHER	.	.	238	0.01	3,339	0.12	13,449	0.47
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION	53,114	1.86	25,919	1.08	56,925	2.07	73,811	2.57
451121	SOCIOLOGY, GENERAL	334,441	11.68	341,470	14.20	412,612	15.00	373,882	13.03
451131	SOCIOLOGY, ISSUES	5,736	0.20	8,418	0.35	4,004	0.15	14,876	0.52
451141	MOBILITY IN SOCIETY	.	.	.	.	.	.	152	0.01
451151	VIOLENCE IN AMERICA	376	0.01	2,074	0.09	.	.	4,760	0.17
451161	DEATH AND DYING	1,499	0.05	.	.	21,888	0.80	17,160	0.60
451171	SOCIOLOGY, HONORS	388	0.01	342	0.01	998	0.04	3,072	0.11
451181	SOCIOLOGY, RESEARCH	1,165	0.04	.	.	85	0.00	2,769	0.10
451200	URBAN STUDIES, OTHER	.	.	.	.	.	.	815	0.03
451211	URBAN PROBLEMS	4,123	0.14	1,168	0.05	10,838	0.39	32,220	1.12
451221	URBAN ECOLOGY	227	0.01	.	.	.	.	258	0.01
451231	TECHNOLOGY AND URBANIZATION	9,509	0.33	785	0.03	.	.	585	0.02
459900	SOCIAL SCIENCES, OTHER	67	0.00	.	.	4,012	0.15	11,523	0.40
460111	MASONRY 1	4,595	0.16	3,207	0.13	8,759	0.32	9,790	0.34
460112	MASONRY 2	2,124	0.07	995	0.04	1,930	0.07	3,984	0.14
460113	MASONRY 3	432	0.02	121	0.01	556	0.02	.	.
460131	CONCRETE TECHNICIAN	.	.	.	.	360	0.01	.	.
460200	CARPENTRY, OTHER	103	0.00	.	.	.	.	1,752	0.06
460211	CARPENTRY 1	16,819	0.59	16,696	0.69	12,777	0.46	24,995	0.87
460212	CARPENTRY 2	2,605	0.09	3,851	0.16	6,559	0.24	9,720	0.34
460213	CARPENTRY 3	974	0.03	1,281	0.05	853	0.03	4,801	0.17
460311	HOUSEWIRING 1	7,531	0.26	1,482	0.06	4,282	0.16	2,882	0.10
460312	HOUSEWIRING 2	301	0.01	.	.	187	0.01	163	0.01
460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER	.	.	.	.	.	.	2,678	0.09
460411	BUILDING CONSTRUCTION 1	86,180	3.01	77,181	3.21	58,240	2.12	54,586	1.90
460412	BUILDING CONSTRUCTION 2	24,052	0.84	8,984	0.37	8,188	0.30	10,093	0.35
460413	BUILDING CONSTRUCTION 3	5,679	0.20	658	0.03	1,132	0.04	.	.
460421	PAINTING AND DECORATING	141	0.00	.	.	42	0.00	1,490	0.05
460422	FLOORING INSTALLATION	225	0.01	.	.	.	.	.	.
460431	BUILDING MAINTENANCE	2,678	0.09	1,617	0.07	917	0.03	1,357	0.05
460441	HOME MAINTENANCE AND REPAIR	13,521	0.47	18,103	0.75	18,653	0.68	13,910	0.48
460451	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1	373	0.01	1,026	0.04	1,396	0.05	.	.
460511	PLUMBING 1	669	0.02	107	0.00	1,237	0.04	3,074	0.11
460512	PLUMBING 2	209	0.01	.	.	574	0.02	513	0.02
469900	CONSTRUCTION TRADES, OTHER	.	.	.	.	415	0.02	11,309	0.39
470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER	.	.	.	.	.	.	657	0.02
470111	SMALL APPLIANCE REPAIR	284	0.01	119	0.00	69	0.00	4,658	0.16

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470121	RADIO AND TV REPAIR 1	.	.	.	.	.	.	8,549	0.30
470122	RADIO AND TV REPAIR 2	.	.	.	.	.	.	1,483	0.05
470123	RADIO AND TV REPAIR 3	.	.	.	.	.	.	1,094	0.04
470124	TELECOMMUNICATIONS TECHNICIAN	945	0.03	1,055	0.04	.	.	.	.
470131	APPLIANCE REPAIR 1	.	.	648	0.03	456	0.02	1,616	0.06
470132	APPLIANCE REPAIR 2	.	.	237	0.01	.	.	.	.
470141	VENDING MACHINE REPAIR	.	.	.	.	.	.	142	0.00
470151	BUSINESS MACHINE REPAIR	2,674	0.09	.	.	.	.	.	.
470161	INDUSTRIAL ELECTRICITY	433	0.02	2,386	0.10	693	0.03	2,242	0.08
470171	INDUSTRIAL ELECTRONICS	8,028	0.28	2,260	0.09	3,139	0.11	.	.
470200	HEATING, AIR CONDITIONING, AND REFRIGERATION	.	.	.	.	.	.	183	0.01
470211	AIR CONDITIONING, REFRIGERATION, AND HEATING	2,689	0.09	2,065	0.09	3,775	0.14	7,381	0.26
470212	AIR CONDITIONING, REFRIGERATION, AND HEATING,	660	0.02	382	0.02	214	0.01	2,773	0.10
470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER	.	.	.	.	.	.	146	0.01
470311	INDUSTRIAL MECHANICS 1	1,032	0.04	528	0.02	415	0.02	2,003	0.07
470312	INDUSTRIAL MECHANICS 2	817	0.03	1,950	0.08	106	0.00	1,006	0.04
470321	DIESEL MECHANICS	2,486	0.09	722	0.03	620	0.02	2,062	0.07
470331	INDUSTRIAL MAINTENANCE MECHANICS 1	.	.	1,324	0.06	599	0.02	.	.
470332	INDUSTRIAL MAINTENANCE MECHANICS 2	.	.	681	0.03	.	.	.	.
470421	INSTRUMENT MAINTENANCE AND REPAIR	74	0.00	.	.	860	0.03	278	0.01
470431	SHOE REPAIR AND ORTHOPEDICS 1	.	.	.	.	62	0.00	.	.
470433	WATCH AND CLOCK REPAIR	2,952	0.10	.	.	.	.	.	.
470434	BICYCLE REPAIR	92	0.00	2	0.00	.	.	.	.
470511	POWER MECHANICS 1	35,476	1.24	22,182	0.92	40,381	1.47	89,895	3.13
470512	POWER MECHANICS 2	4,565	0.16	2,570	0.11	2,929	0.11	12,757	0.44
470513	POWER MECHANICS 3	992	0.03	.	.	.	.	3,578	0.12
470514	POWER MECHANICS 4	.	.	.	.	.	.	580	0.02
470521	HYDRAULICS AND PNEUMATICS	425	0.01	107	0.00	1,096	0.04	.	.
470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS	.	.	44	0.00	.	.	695	0.02
470611	SMALL ENGINE REPAIR 1	33,623	1.17	45,415	1.89	45,956	1.67	57,130	1.99
470612	SMALL ENGINE REPAIR 2	2,389	0.08	634	0.03	1,420	0.05	4,599	0.16
470621	AUTO MECHANICS 1	140,381	4.90	90,334	3.76	129,483	4.71	154,033	5.37
470622	AUTO MECHANICS 2	43,955	1.54	23,923	1.00	40,605	1.48	54,398	1.90
470623	AUTO MECHANICS 3	7,803	0.27	5,205	0.22	7,476	0.27	17,558	0.61
470624	AUTO MECHANICS - COOPERATIVE EDUCATION 1	561	0.02	3,061	0.13	2,349	0.09	.	.
470625	AUTO MECHANICS - COOPERATIVE EDUCATION 2	.	.	.	.	679	0.02	.	.
470631	AUTO BODY 1	20,857	0.73	17,058	0.71	17,987	0.65	29,060	1.01

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470632	AUTO BODY 2	4,977	0.17	3,069	0.13	6,463	0.23	9,673	0.34
470633	AUTO BODY 3	1,089	0.04	675	0.03	546	0.02	.	.
470641	AUTO SERVICE 1	15,610	0.55	5,263	0.22	10,013	0.36	22,541	0.79
470642	AUTO SERVICE 2	2,027	0.07	400	0.02	308	0.01	975	0.03
470651	CONSUMER AUTO	14,850	0.52	20,126	0.84	23,808	0.87	11,300	0.39
470661	AIRFRAMES 1	67	0.00	161	0.01	172	0.01	200	0.01
470662	AIRFRAMES 2	.	.	46	0.00	.	.	200	0.01
470671	AVIATION POWERPLANT 1	565	0.02	95	0.00	1,098	0.04	1,174	0.04
470681	AVIATION QUALITY CONTROL 1	.	.	.	.	.	.	658	0.02
470682	AVIATION QUALITY CONTROL 2	.	.	.	.	.	.	402	0.01
470691	AIRCRAFT SHEETMETAL 1	.	.	139	0.01	.	.	.	.
479900	MECHANICS AND REPAIRERS, OTHER	.	.	.	.	90	0.00	1,875	0.07
480100	DRAFTING, OTHER	.	.	.	.	853	0.03	2,035	0.07
480111	MECHANICAL DRAWING 1	229,219	8.01	215,538	8.97	316,138	11.49	297,557	10.37
480112	MECHANICAL DRAWING 2	41,815	1.46	34,322	1.43	51,455	1.87	79,143	2.76
480113	MECHANICAL DRAWING 3	15,237	0.53	11,399	0.47	13,055	0.47	24,845	0.87
480114	MECHANICAL DRAWING 4	3,418	0.12	1,052	0.04	4,625	0.17	7,221	0.25
480121	ARCHITECTURAL DRAWING 1	55,476	1.94	49,228	2.05	63,798	2.32	63,229	2.20
480122	ARCHITECTURAL DRAWING 2	5,601	0.20	6,921	0.29	6,185	0.22	12,571	0.44
480123	ARCHITECTURAL DRAWING 3	2,009	0.07	1,763	0.07	3,285	0.12	905	0.03
480124	ARCHITECTURAL DRAWING 4	339	0.01	627	0.03	653	0.02	288	0.01
480131	ENGINEERING DRAWING 1	16,831	0.59	27,946	1.16	32,784	1.19	16,763	0.58
480132	ENGINEERING DRAWING 2	1,999	0.07	6,794	0.28	2,651	0.10	1,334	0.05
480141	BLUEPRINT READING	9,405	0.33	515	0.02	1,311	0.05	12,601	0.44
480151	DRAFTING 1, COOPERATIVE	305	0.01	1,952	0.08	48	0.00	2,722	0.09
480152	DRAFTING 2, COOPERATIVE	.	.	189	0.01	.	.	591	0.02
480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER	84	0.00	.	.	2,040	0.07	2,155	0.08
480211	COMMERCIAL ART 1	56,855	1.99	38,951	1.62	42,511	1.55	40,853	1.42
480212	COMMERCIAL ART 2	3,265	0.11	5,064	0.21	4,623	0.17	9,223	0.32
480213	COMMERCIAL ART, COOPERATIVE	1,520	0.05	39	0.00	.	.	1,388	0.05
480214	COMMERCIAL ART 3	1,096	0.04	114	0.00	.	.	.	.
480221	GRAPHIC ARTS 1	110,171	3.85	84,774	3.53	96,957	3.52	132,245	4.61
480222	GRAPHIC ARTS 2	25,836	0.90	17,930	0.75	13,774	0.50	29,650	1.03
480223	GRAPHIC ARTS 3	10,190	0.36	2,722	0.11	5,178	0.19	8,004	0.28
480224	GRAPHIC ARTS 4	1,956	0.07	532	0.02	220	0.01	4,729	0.16
480231	SIGN PAINTING 1	456	0.02	471	0.02	.	.	7,811	0.27
480251	ELECTRONIC COMPOSITION	698	0.02	.	.	91	0.00	591	0.02
480271	DESKTOP PUBLISHING	77,806	2.72	16,474	0.69	.	.	.	.
480311	LEATHERWORK 1	82	0.00	3,950	0.16	381	0.01	15,185	0.53
480312	LEATHERWORK 2	.	.	61	0.00	.	.	882	0.03
480321	UPHOLSTERY	3,101	0.11	162	0.01	1,366	0.05	4,052	0.14
480322	UPHOLSTERY, ADVANCED	756	0.03	.	.	.	.	397	0.01
480331	AUTO UPHOLSTERY	.	.	.	.	.	.	141	0.00

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480411	MEATCUTTING 1	402	0.01	819	0.03	.	.	2,786	0.10
480500	PRECISION METAL WORK, OTHER	.	.	64	0.00	.	.	1,739	0.06
480511	METAL 1	57,096	1.99	51,109	2.13	104,838	3.81	171,515	5.98
480512	METAL 2	16,434	0.57	13,488	0.56	18,273	0.66	32,068	1.12
480513	METAL 3	3,150	0.11	1,830	0.08	2,608	0.09	8,053	0.28
480514	METAL 4	296	0.01	724	0.03	506	0.02	3,452	0.12
480521	WELDING 1	44,866	1.57	26,674	1.11	36,423	1.32	59,279	2.07
480522	WELDING 2	11,143	0.39	6,482	0.27	8,318	0.30	14,396	0.50
480523	WELDING 3	2,100	0.07	311	0.01	2,247	0.08	9,938	0.35
480524	WELDING - COOPERATIVE EDUCATION	397	0.01	277	0.01	.	.	.	.
480531	SHEET METAL 1	2,985	0.10	1,253	0.05	2,686	0.10	6,787	0.24
480532	SHEET METAL 2	298	0.01	260	0.01	407	0.01	2,593	0.09
480541	METAL RESTORATION	.	.	.	.	.	.	321	0.01
480551	FOUNDRY 1	.	.	.	.	.	.	1,899	0.07
480552	FOUNDRY 2	.	.	.	.	.	.	771	0.03
480600	PRECISION WORK, ASSORTED MATERIALS, OTHER	.	.	101	0.00	.	.	.	.
480611	PLASTICS 1	1,221	0.04	1,299	0.05	11,795	0.43	29,045	1.01
480612	PLASTICS 2	.	.	.	.	1,603	0.06	2,008	0.07
480621	SPACE AGE PLASTICS	.	.	.	.	1,871	0.07	.	.
480700	WOODWORKING, OTHER	.	.	293	0.01	.	.	1,234	0.04
480711	WOODWORKING 1	180,680	6.31	143,409	5.97	257,033	9.34	342,670	11.94
480712	WOODWORKING 2	60,018	2.10	41,928	1.74	71,693	2.61	107,003	3.73
480713	WOODWORKING 3	12,541	0.44	7,205	0.30	23,481	0.85	39,906	1.39
480714	WOODWORKING 4	2,006	0.07	1,566	0.07	4,518	0.16	9,609	0.33
480721	FURNITURE REFINISHING	107	0.00	.	.	711	0.03	9,536	0.33
480731	CABINETMAKING 1	16,438	0.57	15,523	0.65	11,197	0.41	14,867	0.52
480732	CABINETMAKING 2	4,440	0.16	6,832	0.28	6,928	0.25	5,405	0.19
490100	AIR TRANSPORTATION, OTHER	.	.	.	.	.	.	340	0.01
490111	AERONAUTICS 1	5,585	0.20	4,516	0.19	6,331	0.23	4,551	0.16
490112	AERONAUTICS 2	1,793	0.06	533	0.02	126	0.00	1,318	0.05
490121	AVIATION TECHNOLOGY 1	336	0.01	2,547	0.11	790	0.03	5,497	0.19
490122	AVIATION TECHNOLOGY 2	.	.	199	0.01	.	.	.	.
490123	AVIATION TECHNOLOGY 3	.	.	426	0.02	.	.	.	.
490124	AVIATION TECHNOLOGY 4	.	.	207	0.01	.	.	.	.
490131	AIR TRAVEL SERVICE OCCUPATIONS	706	0.02	.	.	141	0.01	.	.
490211	FORKLIFT OPERATOR	228	0.01	21	0.00	.	.	32	0.00
490212	TRACTOR-TRAILER TRUCK DRIVING	.	.	.	.	3,463	0.13	.	.
490213	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT	.	.	.	.	2,774	0.10	.	.
490311	MARINE MECHANICS, BASIC	63	0.00	153	0.01	59	0.00	267	0.01
490312	MARINE MECHANICS, ADVANCED	63	0.00	46	0.00	.	.	628	0.02
490321	BOAT BUILDING	278	0.01	.	.	.	.	227	0.01
490331	NAVIGATION	817	0.03	.	.	.	.	908	0.03

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490411	INTRODUCTION TO TRANSPORTATION INDUSTRY	17,899	0.63	22,320	0.93	16,487	0.60	.	.
490412	TRANSPORTATION TECHNOLOGY 2	1,263	0.04	1,326	0.06	109	0.00	.	.
500100	VISUAL AND PERFORMING ARTS, OTHER GENERAL	159	0.01	1,288	0.05	1,256	0.05	650	0.02
500111	AESTHETICS	15,833	0.55	26,297	1.09	30,314	1.10	9,519	0.33
500200	CRAFTS, OTHER	1,192	0.04	674	0.03	627	0.02	7,833	0.27
500211	CRAFTS 7	.	.	.	.	.	.	4,595	0.16
500212	CRAFTS 8	.	.	.	.	.	.	1,842	0.06
500213	CRAFTS 9	130,368	4.55	61,679	2.57	90,367	3.29	130,427	4.54
500214	CRAFTS 10	26,495	0.93	13,369	0.56	22,222	0.81	30,942	1.08
500215	CRAFTS 11	3,947	0.14	1,380	0.06	3,560	0.13	7,149	0.25
500216	CRAFTS 12	292	0.01	.	.	.	.	3,022	0.11
500221	CRAFTS 11, ADVANCED	3,907	0.14	330	0.01	137	0.00	7,499	0.26
500222	CRAFTS 12, ADVANCED	.	.	.	.	.	.	947	0.03
500231	DECORATOR CRAFTS	76	0.00	22	0.00	.	.	6,336	0.22
500241	ENAMELING	.	.	.	.	.	.	2,300	0.08
500251	JEWELRY 1	45,220	1.58	30,218	1.26	22,777	0.83	40,515	1.41
500252	JEWELRY 2	7,702	0.27	383	0.02	2,858	0.10	.	.
500253	JEWELRY 3	538	0.02	.	.	112	0.00	.	.
500254	JEWELRY 4	245	0.01	.	.	.	.	.	.
500261	CERAMICS 7	.	.	2,135	0.09	.	.	2,771	0.10
500262	CERAMICS 8	.	.	.	.	.	.	1,422	0.05
500263	CERAMICS 9	213,561	7.46	143,794	5.98	114,577	4.17	134,955	4.70
500264	CERAMICS 10	89,240	3.12	49,621	2.06	60,589	2.20	58,282	2.03
500265	CERAMICS 11	16,822	0.59	4,052	0.17	9,401	0.34	11,037	0.38
500266	CERAMICS 12	8,967	0.31	608	0.03	4,686	0.17	10,287	0.36
500271	TEXTILE DESIGN	19,919	0.70	3,013	0.13	5,213	0.19	24,317	0.85
500281	MODEL BUILDING	.	.	.	.	.	.	244	0.01
500291	PRINTMAKING 1	14,945	0.52	11,605	0.48	28,240	1.03	25,755	0.90
500292	PRINTMAKING 2	1,335	0.05	157	0.01	.	.	.	.
500300	DANCE, OTHER	1,328	0.05	103	0.00	878	0.03	8,538	0.30
500311	MODERN DANCE FOR BEGINNERS 9	43,388	1.52	34,143	1.42	44,974	1.64	17,630	0.61
500312	MODERN DANCE FOR BEGINNERS 10	13,904	0.49	3,191	0.13	9,856	0.36	4,353	0.15
500313	MODERN DANCE FOR BEGINNERS 11	5,539	0.19	246	0.01	6,295	0.23	1,946	0.07
500314	MODERN DANCE FOR BEGINNERS 12	2,905	0.10	35	0.00	180	0.01	2,949	0.10
500321	MODERN DANCE 9, INTERMEDIATE	3,881	0.14	1,609	0.07	3,003	0.11	6,318	0.22
500322	MODERN DANCE 10, INTERMEDIATE	1,899	0.07	2,497	0.10	842	0.03	1,054	0.04
500323	MODERN DANCE 11, INTERMEDIATE	10,767	0.38	122	0.01	.	.	.	.
500324	MODERN DANCE 12, INTERMEDIATE	1,360	0.05	570	0.02	.	.	873	0.03
500331	DANCE 9, ADVANCED	6,499	0.23	4,128	0.17	1,156	0.04	14,760	0.51
500332	DANCE 10, ADVANCED	7,412	0.26	3,377	0.14	6,901	0.25	5,968	0.21
500333	DANCE 11, ADVANCED	2,403	0.08	586	0.02	204	0.01	1,816	0.06
500334	DANCE 12, ADVANCED	655	0.02	120	0.00	.	.	1,844	0.06

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500341	PERFORMING DANCE GROUP 9	5,616	0.20	1,915	0.08	4,984	0.18	664	0.02
500342	PERFORMING DANCE GROUP 10	2,759	0.10	556	0.02	625	0.02	26	0.00
500343	PERFORMING DANCE GROUP 11	1,406	0.05	63	0.00	.	.	157	0.01
500344	PERFORMING DANCE GROUP 12	3,558	0.12	1,393	0.06	621	0.02	.	.
500351	BALLET AND JAZZ FOR BEGINNERS 9	17,176	0.60	13,591	0.57	13,223	0.48	1,741	0.06
500352	BALLET AND JAZZ FOR BEGINNERS 10	8,891	0.31	3,109	0.13	6,665	0.24	663	0.02
500353	BALLET AND JAZZ FOR BEGINNERS 11	4,302	0.15	875	0.04	693	0.03	686	0.02
500354	BALLET AND JAZZ FOR BEGINNERS 12	2,956	0.10	298	0.01	655	0.02	196	0.01
500361	ETHNIC DANCE	7,833	0.27	6,502	0.27	614	0.02	1,569	0.05
500371	SQUARE DANCE	.	.	.	.	192	0.01	1,141	0.04
500381	AEROBIC DANCE	110,717	3.87	32,128	1.34	50,023	1.82	5,074	0.18
500400	DESIGN, OTHER	953	0.03	382	0.02	.	.	2,452	0.09
500411	GRAPHIC DESIGN	6,633	0.23	6,494	0.27	5,334	0.19	5,860	0.20
500421	THEATER MAKEUP	134	0.00	.	.	177	0.01	.	.
500431	LIGHTING FUNDAMENTALS, THEATER	4,103	0.14	3,295	0.14	2,404	0.09	.	.
500500	DRAMATIC ARTS, OTHER	.	.	235	0.01	248	0.01	10,198	0.36
500511	STAGECRAFT 9	266,410	9.31	243,959	10.15	240,864	8.76	98,448	3.43
500512	STAGECRAFT 10	88,272	3.08	63,941	2.66	76,368	2.78	59,029	2.06
500513	STAGECRAFT 11	45,873	1.60	22,980	0.96	33,536	1.22	25,223	0.88
500514	STAGECRAFT 12	15,693	0.55	12,029	0.50	14,991	0.54	14,091	0.49
500521	IMPROVISATION AND MIME	11,310	0.40	2,466	0.10	3,788	0.14	6,414	0.22
500531	PLAYWRITING	3,477	0.12	126	0.01	722	0.03	3,310	0.12
500541	THEATER PRACTICUM CONTRACT	17,285	0.60	5,816	0.24	10,359	0.38	2,751	0.10
500551	DRAMA, HISTORY	1,662	0.06	109	0.00	16,949	0.62	10,087	0.35
500561	DRAMA, INDEPENDENT STUDY	4,242	0.15	573	0.02	3,896	0.14	2,496	0.09
500571	IB THEATER	281	0.01	.	.	.	.	.	.
500600	FILM ARTS, OTHER	.	.	16	0.00	.	.	8,985	0.31
500611	FILM STUDY	29,010	1.01	6,191	0.26	17,424	0.63	49,751	1.73
500612	LANGUAGE OF THE CINEMA	26,189	0.92	17,512	0.73	18,799	0.68	12,088	0.42
500621	PHOTOGRAPHY 10	194,032	6.78	172,535	7.18	201,024	7.31	137,268	4.78
500622	PHOTOGRAPHY 11, ELEMENTARY	36,957	1.29	12,802	0.53	18,120	0.66	22,771	0.79
500623	PHOTOGRAPHY 12, ELEMENTARY	2,622	0.09	845	0.04	1,058	0.04	8,999	0.31
500631	PHOTOGRAPHY 11, ADVANCED	14,194	0.50	13,213	0.55	9,904	0.36	14,623	0.51
500632	PHOTOGRAPHY 12, ADVANCED	2,392	0.08	3,271	0.14	750	0.03	6,632	0.23
500700	FINE ARTS, OTHER	221	0.01	805	0.03	89	0.00	33,785	1.18
500701	FINE ARTS 7	.	.	.	.	.	.	538	0.02
500702	FINE ARTS 8	273	0.01	.	.	.	.	292	0.01
500703	ART, GENERAL	141,812	4.95	257,917	10.73	245,515	8.93	174,357	6.07
500704	ART 1	613,795	21.45	471,000	19.59	655,206	23.82	622,241	21.68
500705	ART 2	172,575	6.03	130,444	5.43	151,978	5.53	172,013	5.99
500706	ART 3	65,152	2.28	57,492	2.39	40,182	1.46	50,968	1.78
500707	ART 4	32,355	1.13	29,650	1.23	23,460	0.85	30,647	1.07
500708	ART 1, INDEPENDENT STUDY	44,362	1.55	39,623	1.65	26,248	0.95	29,459	1.03
500709	ART 2, INDEPENDENT STUDY	10,464	0.37	19,193	0.80	36,836	1.34	21,989	0.77

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500711	ART SERVICES 10	2,986	0.10	556	0.02	505	0.02	3,109	0.11
500712	ART SERVICES 11	402	0.01	.	.	.	.	447	0.02
500713	ART SERVICES 12	.	.	.	.	185	0.01	918	0.03
500714	DRAWING	256,907	8.98	211,543	8.80	202,816	7.37	197,152	6.87
500715	PAINTING 1	91,917	3.21	63,270	2.63	60,104	2.19	47,941	1.67
500716	PAINTING 2	22,092	0.77	5,587	0.23	15,065	0.55	7,215	0.25
500717	WATERCOLOR 1	6,148	0.21	3,789	0.16	1,796	0.07	3,302	0.12
500718	CARTOONING	4,119	0.14	3,063	0.13	6,440	0.23	8,789	0.31
500719	MURAL PAINTING	52	0.00	.	.	263	0.01	1,329	0.05
500720	SCULPTURE	137,738	4.81	72,509	3.02	59,412	2.16	38,809	1.35
500721	SILK SCREEN	6,713	0.23	2,298	0.10	1,376	0.05	9,629	0.34
500722	ASSEMBLAGE	.	.	.	.	187	0.01	634	0.02
500723	PRODUCT DESIGN	21,591	0.75	5,767	0.24	15,419	0.56	45,304	1.58
500724	LIFE DRAWING	6,514	0.23	1,202	0.05	4,473	0.16	2,821	0.10
500725	CALLIGRAPHY	20,867	0.73	9,044	0.38	11,184	0.41	11,486	0.40
500726	ART HISTORY AND APPRECIATION	70,508	2.46	56,857	2.37	39,203	1.43	30,849	1.07
500727	BLACK FINE ARTS	.	.	.	.	.	.	213	0.01
500729	BICULTURAL ART	.	.	.	.	.	.	29	0.00
500730	ARTIST IN RESIDENCE PROGRAM	.	.	.	.	.	.	425	0.01
500731	ETHNIC ART HISTORY	1,631	0.06	766	0.03	190	0.01	1,106	0.04
500732	ART AS A MULTICULTURAL STUDY	1,898	0.07	1,936	0.08	.	.	1,835	0.06
500733	AP ART HISTORY	28,174	0.98	.	.	.	.	.	.
500734	AP STUDIO ART--GENERAL	17,425	0.61	.	.	.	.	.	.
500735	AP STUDIO ART--DRAWING	2,478	0.09	.	.	.	.	.	.
500736	IB ART STUDIES	2,821	0.10	.	.	.	.	.	.
500737	IB ART STUDIO	168	0.01	.	.	.	.	.	.
500800	GRAPHIC ARTS TECHNOLOGY, OTHER	.	.	917	0.04	.	.	3,518	0.12
500811	COMPUTER GRAPHICS DESIGN	58,203	2.03	21,955	0.91	15,605	0.57	.	.
500900	MUSIC, OTHER	259	0.01	10,474	0.44	692	0.03	44,410	1.55
500901	MUSIC 7	.	.	.	.	.	.	27,857	0.97
500902	MUSIC 8	.	.	.	.	.	.	3,492	0.12
500903	BAND 7	.	.	.	.	.	.	5,705	0.20
500904	BAND 7, ADVANCED	.	.	.	.	.	.	5,907	0.21
500905	BAND 8	.	.	.	.	.	.	5,075	0.18
500906	BAND 8, ADVANCED	.	.	.	.	.	.	1,922	0.07
500907	BAND 9	119,771	4.18	113,547	4.72	109,067	3.97	228,654	7.97
500908	BAND 9, ADVANCED	71,129	2.49	24,771	1.03	64,404	2.34	82,862	2.89
500909	BAND, CONCERT	207,973	7.27	221,423	9.21	160,738	5.84	141,459	4.93
500910	BAND, MARCHING	68,172	2.38	42,964	1.79	94,370	3.43	74,665	2.60
500911	BAND, SYMPHONIC	114,004	3.98	58,160	2.42	52,464	1.91	43,194	1.50
500912	ORCHESTRA 7	.	.	.	.	.	.	2,392	0.08
500913	ORCHESTRA 7, ADVANCED	.	.	.	.	.	.	301	0.01
500915	ORCHESTRA 8, ADVANCED	.	.	.	.	.	.	840	0.03
500916	ORCHESTRA 9	40,689	1.42	20,311	0.84	20,045	0.73	21,782	0.76



Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSCC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
500917	ORCHESTRA 9, ADVANCED	8,664	0.30	3,403	0.14	5,951	0.22	4,744	0.17
500918	ORCHESTRA 10	12,979	0.45	10,030	0.42	10,833	0.39	7,370	0.26
500919	ORCHESTRA 11	16,458	0.58	8,338	0.35	3,703	0.13	5,482	0.19
500920	ORCHESTRA 12	13,657	0.48	7,281	0.30	5,778	0.21	6,613	0.23
500921	INSTRUMENTAL STRING CLASS	8,105	0.28	3,434	0.14	4,732	0.17	8,007	0.28
500922	BRASS AND PERCUSSION CLASS	6,301	0.22	2,842	0.12	3,240	0.12	6,835	0.24
500923	WIND ENSEMBLE	33,740	1.18	9,170	0.38	15,373	0.56	12,740	0.44
500924	WOODWIND CLASS	1,354	0.05	2,406	0.10	1,587	0.06	5,449	0.19
500925	ELECTRONIC MUSIC, INTRODUCTION	5,089	0.18	6,783	0.28	1,498	0.05	1,701	0.06
500926	ENSEMBLE, INSTRUMENTAL	70,549	2.46	47,064	1.96	42,507	1.55	51,340	1.79
500927	GUITAR, BEGINNING	32,106	1.12	17,603	0.73	15,321	0.56	38,419	1.34
500928	GUITAR, INTERMEDIATE	4,696	0.16	1,550	0.06	4,342	0.16	4,889	0.17
500929	GUITAR, ADVANCED	615	0.02	645	0.03	1,638	0.06	3,242	0.11
500930	HANDBELLS	1,102	0.04	749	0.03	1,037	0.04	1,086	0.04
500931	PIANO 1	16,789	0.59	17,816	0.74	29,748	1.08	27,774	0.97
500932	PIANO 2	2,471	0.09	3,804	0.16	2,070	0.08	4,088	0.14
500933	ORGAN	.	.	139	0.01	.	.	1,194	0.04
500934	MUSIC LESSONS, APPLIED	13,102	0.46	10,119	0.42	26,950	0.98	12,951	0.45
500935	CHORUS 7	.	.	.	.	.	.	5,573	0.19
500936	CHORUS 7, ADVANCED	.	.	.	.	.	.	31	0.00
500937	CHORUS 8	.	.	.	.	.	.	681	0.02
500938	CHORUS 8, ADVANCED	.	.	115	0.00	2,456	0.09	155	0.01
500939	CHORUS 9	285,730	9.98	273,377	11.37	268,623	9.77	266,389	9.28
500940	CHORUS 9, ADVANCED	51,454	1.80	16,870	0.70	22,729	0.83	33,556	1.17
500941	CHORUS 10	95,719	3.34	59,282	2.47	47,120	1.71	80,924	2.82
500942	CHORUS 10, ADVANCED	26,528	0.93	15,193	0.63	11,646	0.42	9,359	0.33
500943	CHORUS 11	30,133	1.05	23,248	0.97	29,519	1.07	38,736	1.35
500944	CHORUS 11, ADVANCED	24,725	0.86	3,169	0.13	26,322	0.96	14,039	0.49
500945	CHORUS 12	27,937	0.98	13,255	0.55	10,852	0.39	23,802	0.83
500946	CHORUS 12, ADVANCED	8,009	0.28	2,552	0.11	10,387	0.38	10,693	0.37
500947	VOCAL ENSEMBLE	132,048	4.61	153,163	6.37	141,492	5.14	173,266	6.04
500948	VOICE CLASS	6,085	0.21	6,918	0.29	13,597	0.49	11,123	0.39
500949	HARMONY AND COMPOSITION	3,707	0.13	405	0.02	1,615	0.06	4,829	0.17
500950	ARRANGING	711	0.02	.	.	.	.	.	.
500951	CONDUCTING	1,463	0.05	.	.	.	.	.	.
500952	MUSIC THEORY	43,401	1.52	32,276	1.34	64,462	2.34	46,588	1.62
500953	MUSIC HISTORY 7	.	.	.	.	.	.	2,615	0.09
500954	MUSIC HISTORY 8	.	.	.	.	.	.	939	0.03
500955	MUSIC HISTORY 9	23,238	0.81	21,338	0.89	11,380	0.41	26,285	0.92
500956	MUSIC HISTORY 10	1,229	0.04	1,146	0.05	2,914	0.11	1,901	0.07
500957	MUSIC HISTORY 11	.	.	110	0.00	.	.	3,209	0.11
500958	MUSIC HISTORY 12	71	0.00	.	.	.	.	1,024	0.04
500959	MUSIC LITERATURE 9	8,119	0.28	17,655	0.73	4,641	0.17	2,243	0.08
500960	MUSIC LITERATURE 10	375	0.01	.	.	.	.	782	0.03

Table 121.—Estimated number of 1998, 1994, 1990, and 1982 graduates receiving credit in all secondary subjects (for all courses listed in the classification of secondary school courses  
(Continued)

CSSC Code	Course Title	1998 Graduates		1994 Graduates		1990 Graduates		1982 Graduates	
		Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide	Total Number of Graduates Earning Credits > 0	Percentage of Graduates Nationwide
500961	MUSIC LITERATURE 11	.	.	.	.	.	.	148	0.01
500962	MUSIC LITERATURE 12	.	.	.	.	427	0.02	539	0.02
500963	MUSIC APPRECIATION	57,468	2.01	77,320	3.22	87,587	3.18	41,280	1.44
500964	FOLK MUSIC, ETHNIC	3,757	0.13	.	.	1,208	0.04	.	.
500965	MUSIC THEATER	15,330	0.54	17,490	0.73	10,151	0.37	10,422	0.36
500966	MUSIC, INDEPENDENT STUDY	1,837	0.06	2,646	0.11	2,092	0.08	4,744	0.17
500967	MUSIC LABORATORY, GENERAL SURVEY	1,805	0.06	7,073	0.29	9,000	0.33	.	.
500969	AP MUSIC THEORY	6,063	0.21	.	.	.	.	.	.
509900	VISUAL AND PERFORMING ARTS, OTHER	.	.	1,035	0.04	.	.	1,306	0.05
510101	EXECUTIVE INTERNSHIP	11,416	0.40	3,216	0.13	3,666	0.13	36,369	1.27
510102	EXECUIVE INTERNSHIP 2	1,252	0.04	1,070	0.04	164	0.01	1,269	0.04
510103	INTERNATIONAL CAREERS INTERNSHIP	670	0.02	161	0.01	.	.	.	.
520601	LEARNING DISABILITIES OTHER	.	.	.	.	.	.	1,137	0.04
520701	HELP FOR UNDER-ACHIEVERS AND DISADVANTAGED STUDENTS	.	.	.	.	.	.	898	0.03
520901	PHYSICALLY HANDICAPPED (GENERAL)	.	.	.	.	.	.	503	0.02
5XXXXX	Special Education Courses	477,874	16.70	256,219	10.66	262,212	9.53	21,672	0.76
6XXXXX	Uncodable	45,999	1.61	25,371	1.06	45,779	1.66	.	.

NOTE: For presentation purposes, all Special Education courses included in this table have been treated as one CSSC code, 5XXXXX.

NOTE: CSSC code 6XXXXX represents courses for which we have insufficient information to assign a regular CSSC code. For example, some transcript entries were so abbreviated that we could not determine the nature of the courses. In other cases, a transcript indicated that credit was awarded for transferred courses, but provided no list of specific courses.

## Appendix B

### 1998 Classification of Secondary School Courses

## APPENDIX B. LISTINGS OF CSSC CODES WITHIN SUBJECT-AREA CATEGORIES

This appendix presents the subject field taxonomy that provides the structure for grouping the courses. The lists that follow identify the CSSC codes in each subject-area category. These categories are referred to as "stubs" because they are associated with row labels, or stubs, in the tables.

The subject area categories are organized according to the Secondary School Taxonomy (SST).<sup>1</sup> Exhibit B-1 displays the taxonomy. We have, however, added two categories to the second level of the SST: Computer-related Studies and Special Education. The Computer-related Studies category is part of the Academic group and has three subcategories: Clerical and Data Entry, Computer Applications, and Computer Science. Many of the computer-related courses also appear in various math and vocational categories. They are counted only once when calculating totals that include multiple categories.

The Special Education category is part of the Personal/Other Courses group and includes a large number of courses that are usually open only to students with Individualized Educational Programs (IEP). These courses can be found in stub 1500. Many of these special education courses are also included in the various subject area categories. They are, however, counted only once when calculating totals and subtotals.

In addition to adding the two new categories, we have split the category Drama/Dance into two categories: Drama and Dance. We have also made a number of minor adjustments associated with new courses or courses that did not appear in the transcripts being analyzed using previous versions of the SST. For example, we added Cell and Molecular Biology, Other (260400) to the Biology category and Desktop Publishing (480271), a course introduced in the 1994 HSTS, to the Trade and Industry Category. We have also changed the name of the category "Advanced Calculus" to "Calculus" since it contains all the CSSC codes for calculus courses.

We have also added a number of subcategories to some of the categories in the Academic group. These subcategories do not change the definition of any of the existing categories or subcategories, but provide a means for summarizing the data at a level that has proved useful in previous transcript studies. For example, because we believe they may be of special analytic interest, we have added a number of categories for remedial/below grade level courses and categories for AP courses. The new subcategories are marked with an asterisk in the exhibit.

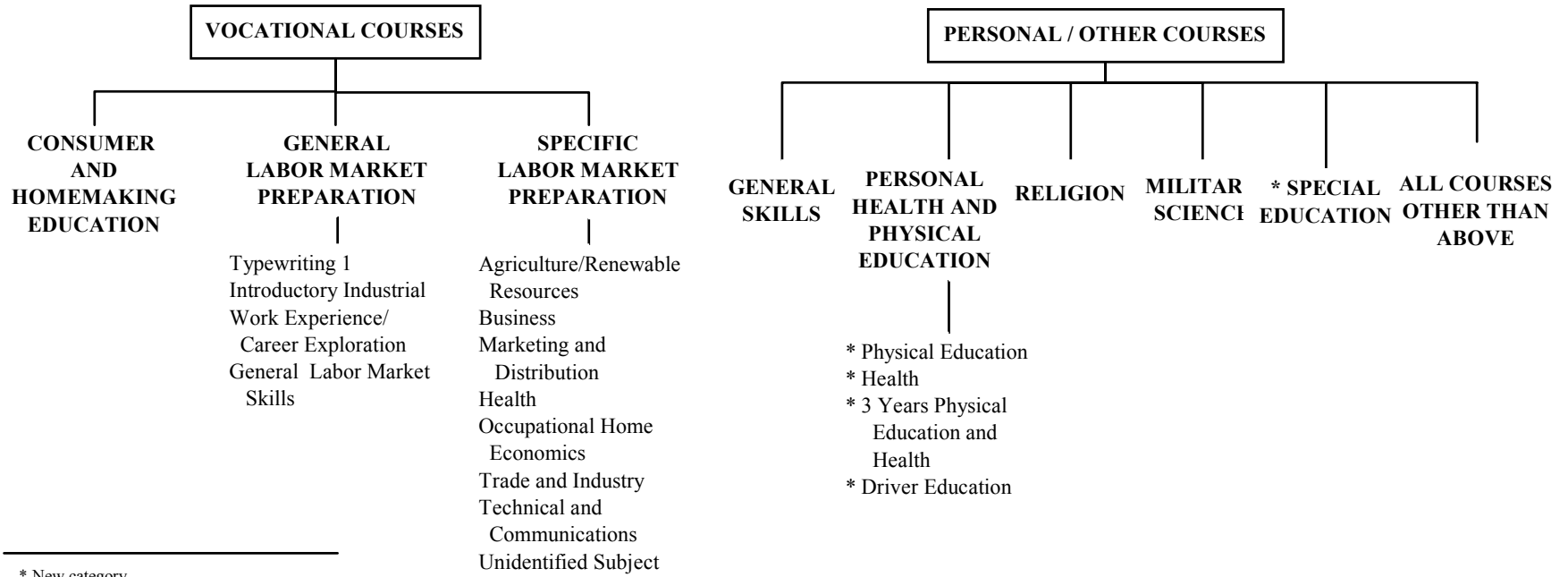
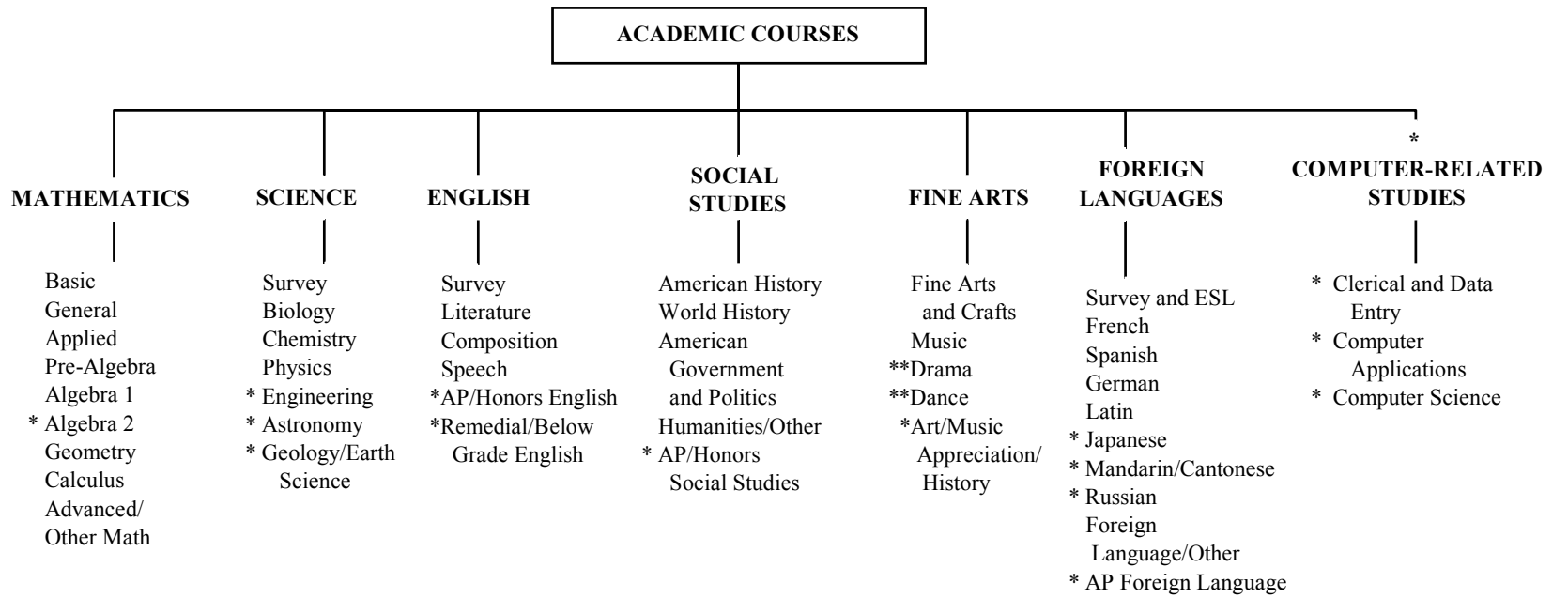
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<sup>1</sup> Gifford, A.G., Hoachlander, E.G., and Tuma, J.E., The Secondary School Taxonomy, a report prepared for the National Assessment of Vocational Education, Office of Planning, Budget, and Evaluation, U.S. Department of Education (Berkeley: MPR Associates, Inc., February, 1989).

Note that the categories are hierarchical in nature. That is, codes in a subcategory also appear in the appropriate higher-order category. For example, "AP Calculus" is included in "Calculus" and in "Mathematics." For example, the category "English" includes "Etymology" (230412) and "Vocational English" (230156), which are not included in any of the subcategories of "English."

The Hierarchical Listing that follows indicates in outline form the categories and subcategories. The Detailed Stub List, which follows the Hierarchical Listing, is presented in the same order as the Hierarchical Listing. The Detailed Stub List is an exhaustive list of every code included in each category and each subcategory. It contains all valid CSSC codes whether or not they appear in the current study. Previously used codes that have been dropped or reassigned have been included for the sake of completeness. This version of the SST can be applied to any study using the CSSC without the need to add additional codes.

Exhibit B-1. Organization of the secondary school taxonomy



\* New category  
 \*\* Drama and Dance were formerly combined as Drama/Dance

B-3

## HIERARCHICAL LISTING OF SUBJECT AREA CATEGORIES

### ACADEMIC COURSES

STUB0100	MATHEMATICS
STUB0110	Basic Math
STUB0120	General Math
STUB0130	Applied Math
STUB0141	Pre-Algebra
STUB0142	Algebra 1
STUB0143	Algebra 2
STUB0150	Geometry
STUB0160	Calculus
STUB0161	AP Calculus
STUB0170	Advanced Math - Other
STUB0171	Trigonometry
STUB0172	Analysis/Precalculus
STUB0173	Statistics/Probability
STUB0200	SCIENCE
STUB0210	Survey
STUB0220	Biology
STUB0221	AP/Honors Biology
STUB0230	Chemistry
STUB0231	AP Chemistry
STUB0240	Physics
STUB0241	AP Physics
STUB0250	Engineering
STUB0260	Astronomy
STUB0270	Geology/Earth Science
STUB0281	Biology + Chemistry
STUB0282	Biology + Chemistry + Physics
STUB0300	ENGLISH
STUB0310	Survey English
STUB0320	Literature
STUB0330	Composition
STUB0340	Speech
STUB0350	AP/Honors English
STUB0360	Remedial/Below Grade English

## HIERARCHICAL LISTING OF SUBJECT AREA CATEGORIES (continued)

STUB0400 SOCIAL STUDIES  
STUB0410 American History  
STUB0411 AP American History  
STUB0420 World History  
STUB0421 AP Western Civ/European History  
STUB0430 American Government & Politics  
STUB0440 Humanities Other  
STUB0441 Non-western History  
STUB0442 Western History/Civilization  
STUB0443 Economics  
STUB0444 Geography  
STUB0445 Sociology/Psychology  
STUB0446 International Politics  
STUB0447 Remedial/Below Grade Social Studies  
STUB0450 AP/Honors Social Studies

STUB0500 FINE ARTS  
STUB0510 Fine Arts & Crafts  
STUB0520 Music  
STUB0530 Drama  
STUB0540 Dance  
STUB0550 Art/Music Appreciation/History

STUB0600 FOREIGN LANGUAGES  
STUB0601 AP Foreign Language  
STUB0610 Survey and ESL  
STUB0620 French  
STUB0630 Spanish  
STUB0640 German  
STUB0650 Latin  
STUB0660 Japanese  
STUB0670 Mandarin/Cantonese  
STUB0680 Russian  
STUB0690 Foreign Language - Other

STUB0700 COMPUTER-RELATED STUDIES  
STUB0710 Clerical & Data Entry  
STUB0720 Computer Applications  
STUB0730 Computer Science



## HIERARCHICAL LISTING OF SUBJECT AREA CATEGORIES (continued)

### VOCATIONAL COURSES

STUB0800 CONSUMER & HOMEMAKING EDUCATION

STUB0900 GENERAL LABOR MARKET PREPARATION

STUB0910 Typewriting 1

STUB0920 Introductory Industrial

STUB0930 Work Experience/Career Exploration

STUB0940 General Labor Market Skills

STUB1000 SPECIFIC LABOR MARKET PREPARATION

STUB1010 Agriculture/Renewable Resources

STUB1020 Business

STUB1030 Marketing & Distribution

STUB1040 Health

STUB1050 Occupational Home Economics

STUB1060 Trade & Industry

STUB1070 Technical & Communications

STUB1080 Unidentified Subject

### PERSONAL OTHER

STUB1100 GENERAL SKILLS

STUB1200 PERSONAL HEALTH & PHYSICAL EDUCATION

STUB1210 Physical Education

STUB1220 Health

STUB1230 Driver Education

STUB1300 RELIGION

STUB1400 MILITARY SCIENCE

STUB1500 SPECIAL EDUCATION

STUB1600 ALL COURSES OTHER THAN ABOVE

## MATHEMATICS

CSSC CODE	TITLE
<b>STUB0100</b>	<b>MATHEMATICS</b>
110111	Computer Appreciation
110121	Computer Mathematics 1
110122	Computer Mathematics 2
110400	Information Sciences and Systems, Other
110500	Systems Analysis, Other
119900	Computer and Information Sciences, Other
270100	Mathematics, Other General
270101	Mathematics 7
270102	Mathematics 7, Accelerated
270103	Mathematics 8
270104	Mathematics 8, Accelerated
270105	Mathematics, Basic (changed to 270601-270604)
270106	Mathematics 1, General
270107	Mathematics 2, General
270108	Science Mathematics
270109	Mathematics in the Arts
270110	Mathematics, Vocational
270111	Technical Mathematics
270112	Mathematics Review
270113	Mathematics Tutoring
270114	Consumer Mathematics
270200	Actuarial Sciences, Other
270300	Applied Mathematics, Other
270400	Pure Mathematics, Other
270401	Pre-Algebra
270402	Algebra 1, Part 1
270403	Algebra 1, Part 2
270404	Algebra 1
270405	Algebra 2
270406	Geometry, Plane
270407	Geometry, Solid
270408	Geometry
270409	Geometry, Informal
270410	Algebra 3
270411	Trigonometry
270412	Analytic Geometry
270413	Trigonometry and Solid Geometry
270414	Algebra and Trigonometry
270415	Algebra and Analytic Geometry
270416	Analysis, Introductory
270417	Linear Algebra
270418	Calculus and Analytic Geometry
270419	Calculus
270420	AP Calculus AB
270421	Mathematics 1, Unified
270422	Mathematics 2, Unified
270423	Mathematics 3, Unified
270424	Mathematics, Independent Study
270425	Geometry, Part 1

CSSC CODE	TITLE
270426	Geometry, Part 2
270427	Unified Math 1, Part 1
270428	Unified Math 1, Part 2
270429	Pre-IB Geometry (grade 9 or 10)
270430	Pre-IB Algebra 2/Trig (grade 9 or 10)
270431	IB Math Methods 1
270432	IB Math Studies 1
270433	IB Math Studies 2 – Pre-calculus
270434	IB Math Studies – Calculus
270435	AP Calculus CD
270436	Discrete Math
270437	Finite Math
270500	Statistics, Other
270511	Statistics
270521	Probability
270531	Probability and Statistics
270532	AP Statistics
270601	Basic Math 1
270602	Basic Math 2
270603	Basic Math 3
270604	Basic Math 4
279900	Mathematics, Other
320108	Mathematics, Vocational (changed to 270110)
541001	General Math Skills
541009	Functional Math Skills, Not for Credit
541101	Functional Consumer Math
541109	Functional Consumer Math, Not for Credit
541201	Functional Vocational Math
541209	Functional Vocational Math, Not for Credit
562700	Special Education Math
562701	Resource General Math
562709	Resource General Math, Not for Credit
562711	Resource Vocational Math
562719	Resource Vocational Math, Not for Credit
562721	Resource Consumer Math
562729	Resource Consumer Math, Not for Credit
<b>STUB0110</b>	<b>BASIC MATH</b>
270105	Mathematics, Basic (changed to 270601-270604)
270601	Basic Math 1
270602	Basic Math 2
270603	Basic Math 3
270604	Basic Math 4
<b>STUB0120</b>	<b>GENERAL MATH</b>
270100	Mathematics, Other General
270101	Mathematics 7
270102	Mathematics 7, Accelerated
270103	Mathematics 8
270106	Mathematics 1, General
270107	Mathematics 2, General
270113	Mathematics Tutoring

## MATHEMATICS (continued)

CSSC CODE	TITLE
541001	General Math Skills
541009	Functional Math Skills, Not for Credit
562700	Special Education Math
562701	Resource General Math
562709	Resource General Math, Not for Credit
<b>STUB0130</b>	<b>APPLIED MATH</b>
110111	Computer Appreciation
110121	Computer Mathematics 1
110122	Computer Mathematics 2
110400	Information Sciences and Systems, Other
320108	Mathematics, Vocational (changed to 270110)
541101	Functional Consumer Math
541109	Functional Consumer Math, Not for Credit
541201	Functional Vocational Math
541209	Functional Vocational Math, Not for Credit
562711	Resource Vocational Math
562719	Resource Vocational Math, Not for Credit
562721	Resource Consumer Math
562729	Resource Consumer Math, Not for Credit
<b>STUB0141</b>	<b>PRE-ALGEBRA</b>
270104	Mathematics 8, Accelerated
270401	Pre-Algebra
270402	Algebra 1, Part 1
270403	Algebra 1, Part 2
<b>STUB0142</b>	<b>ALGEBRA 1</b>
270404	Algebra 1
270421	Mathematics 1, Unified
270427	Unified Math 1, Part 1
270428	Unified Math 1, Part 2
<b>STUB0143</b>	<b>ALGEBRA 2</b>
270405	Algebra 2
270410	Algebra 3
270414	Algebra and Trigonometry
270415	Algebra and Analytic Geometry
270417	Linear Algebra
<b>STUB0150</b>	<b>GEOMETRY</b>
270406	Geometry, Plane

CSSC CODE	TITLE
270407	Geometry, Solid
270408	Geometry
270409	Geometry, Informal
270422	Mathematics 2, Unified
270425	Geometry, Part 1
270426	Geometry, Part 2
<b>STUB0160</b>	<b>CALCULUS</b>
270418	Calculus and Analytic Geometry
270419	Calculus
270420	AP Calculus AB
<b>STUB0161</b>	<b>AP CALCULUS</b>
270420	AP Calculus AB
<b>STUB0170</b>	<b>ADVANCED MATH - OTHER</b>
270112	Mathematics Review
270200	Actuarial Sciences, Other
270400	Pure Mathematics, Other
270411	Trigonometry
270412	Analytic Geometry
270413	Trigonometry and Solid Geometry
270416	Analysis, Introductory
270423	Mathematics 3, Unified
270424	Mathematics, Independent Study
270500	Statistics, Other
270511	Statistics
270521	Probability
270531	Probability and Statistics
279900	Mathematics, Other
<b>STUB0171</b>	<b>TRIGONOMETRY</b>
270411	Trigonometry
270413	Trigonometry and Solid Geometry
<b>STUB0172</b>	<b>ANALYSIS/PRECALCULUS</b>
270416	Analysis, Introductory
<b>STUB0173</b>	<b>STATISTICS/PROBABILITY</b>
270500	Statistics, Other
270511	Statistics
270521	Probability
270531	Probability and Statistics

## SCIENCE

CSSC CODE	TITLE
<b>STUB0200</b>	<b>SCIENCE</b>
140100	Engineering, Other General
140111	Orientation to Engineering
140200	Aerospace, Aeronautical, and Astronautical
140211	Aerospace Materials
140221	Aerospace Engineering Design
140300	Agricultural Engineering, Other
140400	Architectural Engineering, Other
140411	Strength of Materials - Architectural
140500	Bioengineering and Biomedical Engineering, Other
140600	Ceramic Engineering, Other
140700	Chemical Engineering, Other
140800	Civil Engineering, Other
140900	Computer Engineering, Other
141000	Electrical, Electronics, and Communications
141100	Engineering Mechanics, Other
141200	Engineering Related, Other
141211	Instrumentation Physics 1
141212	Instrumentation Physics 2
141213	Instrumentation Physics 3
141214	Instrumentation Physics 4 /Advanced Placement
141300	Engineering Science, Other
141400	Environmental Health Engineering, Other
141500	Geological Engineering, Other
141600	Geophysical Engineering, Other
141700	Industrial Engineering, Other
141800	Materials, Engineering, Other
141900	Mechanical Engineering, Other
141911	Strength of Materials - Mechanical Technology
142000	Metallurgical Engineering, Other
142011	Metallurgy/Powder Metal Basics
142100	Mining and Mineral Engineering, Other
142200	Naval Architecture and Marine Engineering, Other
142300	Nuclear Engineering, Other
142400	Ocean Engineering, Other
142500	Petroleum Engineering, Other
142600	Surveying and Mapping Sciences, Other
142611	Cartography
142700	Systems Engineering, Other
142800	Textile Engineering, Other
149900	Engineering, Other
260100	Biology, Other General
260111	Science 7
260121	Biology, Basic 1
260122	Biology, Basic 2
260131	Biology, General 1
260132	Biology, General 2
260141	Biology, Honors 1
260142	Biology, Advanced
260143	Pre-IB Biology 1 (grade 9 or 10)
260144	IB Biology 2
260145	IB Biology 3
260146	AP Biology
260151	Field Biology
260161	Genetics

CSSC CODE	TITLE
260171	Biopsychology
260181	Biology Seminar
260200	Biochemistry and Biophysics, Other
260211	Biochemistry
260300	Botany, Other
260311	Botany
260400	Cell and Molecular Biology, Other
260411	Cell Biology
260500	Microbiology, Other
260511	Microbiology
260600	Miscellaneous Specialized Areas, Life Sciences
260611	Ecology
260621	Marine Biology
260622	Marine Biology, Advanced
260631	Anatomy
260700	Zoology, Other
260711	Zoology
260721	Zoology, Vertebrate
260731	Zoology, Invertebrate
260741	Animal Behavior
260751	Physiology, Human
260752	Physiology, Advanced
260761	Pathology
260771	Comparative Embryology
269900	Life Sciences, Other
300100	Biological and Physical Sciences, Other
300111	Science, Unified
300112	College Pre-Science Skills
300121	Science Study, Independent
300300	Engineering and Other Disciplines, Other
300311	Engineering Concepts
260721	Zoology, Vertebrate
260731	Zoology, Invertebrate
260741	Animal Behavior
260751	Physiology, Human
260752	Physiology, Advanced
260761	Pathology
260771	Comparative Embryology
269900	Life Sciences, Other
300100	Biological and Physical Sciences, Other
300111	Science, Unified
300112	College Pre-Science Skills
300121	Science Study, Independent
300300	Engineering and Other Disciplines, Other
300311	Engineering Concepts
300623	IB Environmental Studies
400200	Astronomy, Other
400211	Astronomy
400300	Astrophysics, Other
400400	Atmospheric Sciences and Meteorology, Other
400411	Meteorology
400500	Chemistry, Other
400511	Chemistry, Introductory
400521	Chemistry 1
400522	Chemistry 2
400523	Pre-IB Chemistry 1 (grade 9 or 10)

## SCIENCE (continued)

CSSC CODE	TITLE
400524	IB Chemistry 2
400525	IB Chemistry 3
400526	AP Chemistry
400531	Organic Chemistry
400541	Physical Chemistry
400551	Consumer Chemistry
400561	Chemistry, Independent Study
400600	Geological Sciences, Other
400611	Earth Science
400621	Earth Science, College Preparatory
400622	AP Environmental Science
400631	Geology
400632	Geology - Field Studies
400641	Mineralogy
400700	Miscellaneous Physical Sciences, Other
400711	Oceanography
400800	Physics, Other
400811	Physics, General
400821	Physics 1
400822	Physics 2
400823	IB Physics
400824	AP Physics B
400825	AP Physics C: Mechanics
400826	AP Physics C: Electricity/Magnetism
400831	Physics 2 Without Calculus
400841	Electricity and Electronics Science
400851	Acoustics
400900	Planetary Science, Other
400911	Rocketry and Space Science
401000	Aerospace Science, Other
401011	Aerospace Science
410211	Radioactivity
544001	Functional Science
544009	Functional Science, Not for Credit
564000	Special Education General Science
564001	Resource General Science
564009	Resource General Science, Not for Credit
<b>STUB0210</b>	<b>SURVEY</b>
300100	Biological and Physical Sciences, Other
300111	Science, Unified
300121	Science Study, Independent
300300	Engineering and Other Disciplines, Other
300311	Engineering Concepts
400100	Physical Sciences, Other General
400111	Science 8
400121	Physical Science
400141	Physical Science, Applied
400611	Earth Science
544001	Functional Science
544009	Functional Science, Not for Credit
564000	Special Education General Science
564001	Resource General Science
564009	Resource General Science, Not for Credit
<b>STUB0220</b>	<b>BIOLOGY</b>
260100	Biology, Other General
260111	Science 7
260121	Biology, Basic 1
260122	Biology, Basic 2

CSSC CODE	TITLE
260131	Biology, General 1
260132	Biology, General 2
260141	Biology, Honors 1
260142	Biology, Advanced
260143	Pre-IB Biology 1 (grade 9 or 10)
260144	IB Biology 2
260145	IB Biology 3
260146	AP Biology
260151	Field Biology
260161	Genetics
260171	Biopsychology
260181	Biology Seminar
260200	Biochemistry and Biophysics, Other
260211	Biochemistry
260300	Botany, Other
260311	Botany
260400	Cell and Molecular Biology, Other
260411	Cell Biology
260500	Microbiology, Other
260511	Microbiology
260600	Miscellaneous Specialized Areas, Life Sciences
260611	Ecology
260621	Marine Biology
260622	Marine Biology, Advanced
260631	Anatomy
260700	Zoology, Other
260711	Zoology
260721	Zoology, Vertebrate
260731	Zoology, Invertebrate
260741	Animal Behavior
260751	Physiology, Human
260752	Physiology, Advanced
260761	Pathology
260771	Comparative Embryology
269900	Life Sciences, Other
<b>STUB0221</b>	<b>AP/HONORS BIOLOGY</b>
260141	Biology, Honors 1
260142	Biology, Advanced
260622	Marine Biology, Advanced
260752	Physiology, Advanced
<b>STUB0230</b>	<b>CHEMISTRY</b>
400131	Chemistry and Physics Laboratory Techniques
400500	Chemistry, Other
400511	Chemistry, Introductory
400521	Chemistry 1
400522	Chemistry 2
400531	Organic Chemistry
400541	Physical Chemistry
400551	Consumer Chemistry
400561	Chemistry, Independent Study
<b>STUB0231</b>	<b>AP CHEMISTRY</b>
400522	Chemistry 2
<b>STUB0240</b>	<b>PHYSICS</b>
140100	Engineering, Other General
140111	Orientation to Engineering
140200	Aerospace, Aeronautical, and Astronautical

## SCIENCE (continued)

CSSC CODE	TITLE
140221	Aerospace Engineering Design
140300	Agricultural Engineering, Other
140400	Architectural Engineering, Other
140500	Bioengineering and Biomedical Engineering, Other
140600	Ceramic Engineering, Other
140700	Chemical Engineering, Other
140800	Civil Engineering, Other
140900	Computer Engineering, Other
141000	Electrical, Electronics, and Communications
141100	Engineering Mechanics, Other
141200	Engineering Related, Other
141211	Instrumentation Physics 1
141212	Instrumentation Physics 2
141213	Instrumentation Physics 3
141214	Instrumentation Physics 4 /Advanced Placement
141300	Engineering Science, Other
141400	Environmental Health Engineering, Other
141500	Geological Engineering, Other
141600	Geophysical Engineering, Other
141700	Industrial Engineering, Other
141800	Materials, Engineering, Other
141900	Mechanical Engineering, Other
141911	Strength of Materials – Mechanical Technology
142000	Metallurgical Engineering, Other
142100	Mining and Mineral Engineering, Other
142200	Naval Architecture and Marine Engineering, Other
142300	Nuclear Engineering, Other
142400	Ocean Engineering, Other
142500	Petroleum Engineering, Other
400200	Astronomy, Other
400211	Astronomy
400300	Astrophysics, Other
400400	Atmospheric Sciences and Meteorology, Other
400411	Meteorology
400800	Physics, Other
400811	Physics, General
400821	Physics 1
400822	Physics 2
400831	Physics 2 Without Calculus
400841	Electricity and Electronics Science
400851	Acoustics
400900	Planetary Science, Other
400911	Rocketry and Space Science
401000	Aerospace Science, Other
<b>STUB0241</b>	<b>AP/HONORS PHYSICS</b>
401011	Aerospace Science
140111	Orientation to Engineering
140221	Aerospace Engineering Design

CSSC CODE	TITLE
141212	Instrumentation Physics 2
141213	Instrumentation Physics 3
141214	Instrumentation Physics 4 /Advanced Placement
400822	Physics 2
400831	Physics 2 Without Calculus
<b>STUB0250</b>	<b>ENGINEERING</b>
140211	Aerospace Materials
140411	Strength of Materials - Architectural
142011	Metallurgy/Powder Metal Basics
142600	Surveying and Mapping Sciences, Other
142611	Cartography
142700	Systems Engineering, Other
142800	Textile Engineering, Other
149900	Engineering, Other
300112	College Pre-Science Skills
400600	Geological Sciences, Other
400621	Earth Science, College Preparatory
400631	Geology
140211	Aerospace Materials
140411	Strength of Materials - Architectural
142011	Metallurgy/Powder Metal Basics
142600	Surveying and Mapping Sciences, Other
142611	Cartography
142700	Systems Engineering, Other
142800	Textile Engineering, Other
149900	Engineering, Other
300112	College Pre-Science Skills
400600	Geological Sciences, Other
400621	Earth Science, College Preparatory
400631	Geology
400632	Geology - Field Studies
400641	Mineralogy
400700	Miscellaneous Physical Sciences, Other
400711	Oceanography
409900	Physical Sciences, Other
410211	Radioactivity
<b>STUB0260</b>	<b>ASTRONOMY</b>
400200	Astronomy, Other
400211	Astronomy
400300	Astrophysics, Other
<b>STUB0270</b>	<b>GEOLOGY/EARTH SCIENCE</b>
300623	IB Environmental Studies
400600	Geological Sciences, Other
400611	Earth Science
400621	Earth Science, College Preparatory
400622	AP Environmental Science
400631	Geology
400632	Geology - Field Studies
400641	Mineralogy
<b>STUB0281</b>	<b>BIOLOGY + CHEMISTRY</b>
260100	Biology, Other General
260111	Science 7

## SCIENCE (continued)

CSSC CODE	TITLE
260121	Biology, Basic 1
260122	Biology, Basic 2
260131	Biology, General 1
260132	Biology, General 2
260141	Biology, Honors 1
260142	Biology, Advanced
260151	Field Biology
260161	Genetics
260171	Biopsychology
260181	Biology Seminar
260200	Biochemistry and Biophysics, Other
260211	Biochemistry
260300	Botany, Other
260311	Botany
260400	Cell and Molecular Biology, Other
260411	Cell Biology
260500	Microbiology, Other
260511	Microbiology
260600	Miscellaneous Specialized Areas, Life Sciences
260611	Ecology
260621	Marine Biology
260622	Marine Biology, Advanced
260631	Anatomy
260700	Zoology, Other
260711	Zoology
260721	Zoology, Vertebrate
260731	Zoology, Invertebrate
260741	Animal Behavior
260751	Physiology, Human
260752	Physiology, Advanced
260761	Pathology
260771	Comparative Embryology
269900	Life Sciences, Other
400131	Chemistry and Physics Laboratory Techniques
400500	Chemistry, Other
400511	Chemistry, Introductory
400521	Chemistry 1
400522	Chemistry 2
400531	Organic Chemistry
400541	Physical Chemistry
400551	Consumer Chemistry
400561	Chemistry, Independent Study
400511	Chemistry, Introductory
400521	Chemistry 1
400522	Chemistry 2
400531	Organic Chemistry
400541	Physical Chemistry
400551	Consumer Chemistry
400561	Chemistry, Independent Study
260100	Biology, Other General

CSSC CODE	TITLE
<b>STUB0282</b>	<b>BIOLOGY+CHEMISTRY+PHYSICS</b>
260111	Science 7
260121	Biology, Basic 1
260122	Biology, Basic 2
260131	Biology, General 1
260132	Biology, General 2
260141	Biology, Honors 1
260142	Biology, Advanced
260151	Field Biology
260161	Genetics
260171	Biopsychology
260181	Biology Seminar
260200	Biochemistry and Biophysics, Other
260211	Biochemistry
260300	Botany, Other
260311	Botany
260400	Cell and Molecular Biology, Other
260411	Cell Biology
260500	Microbiology, Other
260511	Microbiology
260600	Miscellaneous Specialized Areas, Life Sciences
260611	Ecology
260621	Marine Biology
260622	Marine Biology, Advanced
260631	Anatomy
260700	Zoology, Other
260711	Zoology
260721	Zoology, Vertebrate
260731	Zoology, Invertebrate
260741	Animal Behavior
260751	Physiology, Human
260752	Physiology, Advanced
260761	Pathology
260771	Comparative Embryology
269900	Life Sciences, Other
400131	Chemistry and Physics Laboratory Techniques
400500	Chemistry, Other
140100	Engineering, Other General
140111	Orientation to Engineering
140200	Aerospace, Aeronautical, and Astronautical
140221	Aerospace Engineering Design
140300	Agricultural Engineering, Other
140400	Architectural Engineering, Other
140500	Bioengineering and Biomedical Engineering, Other
140600	Ceramic Engineering, Other
140700	Chemical Engineering, Other
140800	Civil Engineering, Other
140900	Computer Engineering, Other
141000	Electrical, Electronics, and Communications

## SCIENCE (continued)

CSSC CODE	TITLE
141100	Engineering Mechanics, Other
141200	Engineering Related, Other
141211	Instrumentation Physics 1
141212	Instrumentation Physics 2
141213	Instrumentation Physics 3
141214	Instrumentation Physics 4 /Advanced Placement
141300	Engineering Science, Other
141400	Environmental Health Engineering, Other
141500	Geological Engineering, Other
141600	Geophysical Engineering, Other
141700	Industrial Engineering, Other
141800	Materials, Engineering, Other
141900	Mechanical Engineering, Other
141911	Strength of Materials - Mechanical Technology
142000	Metallurgical Engineering, Other
142100	Mining and Mineral Engineering, Other
142200	Naval Architecture and Marine Engineering, Other

CSSC CODE	TITLE
142300	Nuclear Engineering, Other
142400	Ocean Engineering, Other
142500	Petroleum Engineering, Other
400200	Astronomy, Other
400211	Astronomy
400300	Astrophysics, Other
400400	Atmospheric Sciences and Meteorology, Other
400411	Meteorology
400800	Physics, Other
400811	Physics, General
400821	Physics 1
400822	Physics 2
400831	Physics 2 Without Calculus
400841	Electricity and Electronics Science
400851	Acoustics
400900	Planetary Science, Other
400911	Rocketry and Space Science
401000	Aerospace Science, Other
401011	Aerospace Science



## ENGLISH

CSSC CODE	TITLE
<b>STUB0300</b>	<b>ENGLISH</b>
090400	Journalism (Mass Communications), Other
090411	Journalism 1
090412	Journalism 2
090413	Journalism 3
090421	Journalism Investigations
090431	Literary Magazine
230100	English, Other General
230101	English 7
230102	English 7, Honors
230103	English 8, Below Grade Level
230104	English 8
230105	English 8, Honors
230106	English 1, Below Grade Level
230107	English 1
230108	English 1, Honors
230109	English 2, Below Grade Level
230110	English 2
230111	English 2, Honors
230112	English 3, Below Grade Level
230113	English 3
230114	English 3, Honors
230115	English 4, Below Grade Level
230116	English 4
230117	English 4, Honors
230118	World Literature
230119	Renaissance Literature
230120	Romanticism
230121	Realism
230122	Literature, Contemporary
230123	Irish Literature
230124	Russian Literature
230125	Bible as Literature
230126	Mythology and Fable
230127	Drama, Introduction
230128	World Drama
230129	Plays, Modern Survey
230130	Novels
230131	Short Story
230132	Mysteries
230133	Poetry
230134	Rock Poetry
230135	Humor
230136	Biography
230137	Non Fiction
230138	Science Fiction
230139	Themes in Literature
230140	Literature of Human Values
230141	Ethnic Literature
230142	Women in Literature
230143	Sports Through Literature
230144	Occult Literature
230145	Protest Literature
230146	Youth and Literature
230147	Heroes
230148	Utopias
230149	Death
230150	Nobel Prize Authors
230151	Seminar on an Author

CSSC CODE	TITLE
230152	English, Real Life Problem Solving
230153	Reading, Independent Study
230154	Research Technique
230155	Children's Literature and Fantasy
230161	English Skills 1 for Visually Impaired
230162	English Skills 2 for Visually Impaired
230163	English Skills 3 for Visually Impaired
230164	English Skills 4 for Visually Impaired
230165	Pre-IB English 1 (grade 9)
230166	Pre-IB English 2 (grade 10)
230167	Pre-IB English 3 (grade 11)
230168	IB English 4 (grade 11 or 12)
230169	IB English 5 (grade 12)
230170	AP English Language and Composition
230171	AP English Literature and Composition
230200	Classics, Other
230211	Mythological Literature, Greek and Roman
230300	Comparative Literature, Other
230311	Comparative Literature
230321	Latin American Authors/Literature
230400	Composition, Other
230401	Composition, Expository
230402	Writing Laboratory
230403	Writing About Literature
230404	Vocabulary
230405	Spelling
230406	Grammar 7
230407	Grammar 8
230408	Grammar 9
230409	Grammar 10
230410	Grammar 11
230411	Grammar 12
230412	Etymology
230415	Word Study – Remedial
230500	Creative Writing, Other
230511	Creative Writing 10
230512	Creative Writing 11
230513	Creative Writing 12
230521	Creative Writing, Independent Study
230600	Linguistics (includes Phonetics, Semantics, and Philology)
230611	Linguistics
230700	Literature, American, Other
230711	American Literature
230721	Black Literature
230731	American Dream in Literature
230741	Folklore, American
230751	Indian Literature
230761	State Writers
230771	Western Literature
230781	Mexican American Literature
230800	Literature, English, Other
230811	British Literature Survey
230821	Shakespeare
230831	Modern British Writers
230841	Victorian Literature
230851	Satire, Modern British
230861	Arthurian Legend
230871	Medieval Literature

## ENGLISH (continued)

CSSC CODE	TITLE
230900	Rhetoric, Other
231000	Speech, Debate, and Forensics, Other
231011	Public Speaking
231021	Speech 1
231022	Speech 2
231023	Speech 3
231031	Debate Practicum Contract
231100	Technical and Business Writing, Other
231111	Technical English
231211	Reading Development 1
231212	Reading Development 2
231213	Reading Development 3
231214	Reading Development 4
231216	Advanced Reading and Study Skills
231311	Functional English 1
231312	Functional English 2
231313	Functional English 3
231314	Functional English 4
239900	Letters, Other
320109	Reading Development 1 (changed to 231211)
320110	Reading Development 2 (changed to 231212)
320112	Speech Development (changed to 569401)
320113	Language, Developmental (changed to 160125 for non-English speakers and 2311311 - 2311314 for remedial)
320114	Voice, Developmental (changed to 5694012)
320115	Word Study, Remedial (changed to 230415)
320118	English, Functional (changed to 231311-231314)
542011	Functional Language Arts 1
542019	Functional Language Arts 1, Not for Credit
542021	Functional Language Arts 2
542029	Functional Language Arts 2, Not for Credit
542031	Functional Language Arts 3
542039	Functional Language Arts 3, Not for Credit
542041	Functional Language Arts 4
542049	Functional Language Arts 4, Not for Credit
542051	Functional Vocational English
542059	Functional Vocational English, Not for Credit
542101	Functional Reading
542109	Functional Reading, Not for Credit
542201	Functional Oral Communication
542209	Functional Oral Communication, Not for Credit
542301	Functional Writing
542309	Functional Writing, Not for Credit
542401	Functional Academics
542409	Functional Academics, Not for Credit
562300	Special Education Language Arts
562301	Resource Language Arts/English
562302	Developmental English 2/Resource ESE AAP English 2
562303	Developmental English 3/Resource ESE AAP English 3
562304	Developmental English 4/Resource ESE AAP English 4
562309	Resource Language Arts/English, Not for Credit
562310	Special Education Reading
562311	Resource Reading
562319	Resource Reading, Not for Credit

CSSC CODE	TITLE
562320	Special Education Writing
562321	Resource Writing
562329	Resource Writing, Not for Credit
<b>STUB0310</b>	<b>SURVEY ENGLISH</b>
230100	English, Other General
230101	English 7
230102	English 7, Honors
230103	English 8, Below Grade Level
230104	English 8
230105	English 8, Honors
230106	English 1, Below Grade Level
230107	English 1
230108	English 1, Honors
230109	English 2, Below Grade Level
230110	English 2
230111	English 2, Honors
230112	English 3, Below Grade Level
230113	English 3
230114	English 3, Honors
230115	English 4, Below Grade Level
230116	English 4
230117	English 4, Honors
230161	English Skills 1 for Visually Impaired
230162	English Skills 2 for Visually Impaired
230163	English Skills 3 for Visually Impaired
230164	English Skills 4 for Visually Impaired
230165	Pre-IB English 1 (grade 9)
230166	Pre-IB English 2 (grade 10)
230167	Pre-IB English 3 (grade 11)
230168	IB English 4 (grade 11 or 12)
230169	IB English 5 (grade 12)
230404	Vocabulary
230406	Grammar 7
230407	Grammar 8
230408	Grammar 9
230409	Grammar 10
230410	Grammar 11
230411	Grammar 12
230412	Etymology
239900	Letters, Other
<b>STUB0320</b>	<b>LITERATURE</b>
230118	World Literature
230119	Renaissance Literature
230120	Romanticism
230121	Realism
230122	Literature, Contemporary
230123	Irish Literature
230124	Russian Literature
230125	Bible as Literature
230126	Mythology and Fable
230127	Drama, Introduction
230128	World Drama
230129	Plays, Modern Survey
230130	Novels
230131	Short Story
230132	Mysteries
230133	Poetry
230134	Rock Poetry

## ENGLISH (continued)

CSSC CODE	TITLE
230135	Humor
230136	Biography
230137	Non Fiction
230138	Science Fiction
230139	Themes in Literature
230140	Literature of Human Values
230141	Ethnic Literature
230142	Women in Literature
230143	Sports Through Literature
230144	Occult Literature
230145	Protest Literature
230146	Youth and Literature
230147	Heroes
230148	Utopias
230149	Death
230150	Nobel Prize Authors
230151	Seminar on an Author
230152	English, Real Life Problem Solving
230153	Reading, Independent Study
230154	Research Technique
230155	Children's Literature and Fantasy
230200	Classics, Other
230211	Mythological Literature, Greek and Roman
230300	Comparative Literature, Other
230311	Comparative Literature
230321	Latin American Authors/Literature
230700	Literature, American, Other
230711	American Literature
230721	Black Literature
230731	American Dream in Literature
230741	Folklore, American
230751	Indian Literature
230761	State Writers
230771	Western Literature
230781	Mexican American Literature
230800	Literature, English, Other
230811	British Literature Survey
230821	Shakespeare
230831	Modern British Writers
230841	Victorian Literature
230851	Satire, Modern British
230861	Arthurian Legend
230871	Medieval Literature
231216	Advanced Reading and Study Skills
<b>STUB0330</b>	<b>COMPOSITION</b>
090400	Journalism (Mass Communications), Other
090411	Journalism 1
090412	Journalism 2
090413	Journalism 3
090421	Journalism Investigations
090431	Literary Magazine
230170	AP English Language and Composition
230400	Composition, Other
230401	Composition, Expository
230402	Writing Laboratory
230403	Writing About Literature
230500	Creative Writing, Other
230511	Creative Writing 10

CSSC CODE	TITLE
230512	Creative Writing 11
230513	Creative Writing 12
230521	Creative Writing, Independent Study
230600	Linguistics (Includes Phonetics, Semantics, and Philology)
230611	Linguistics
230900	Rhetoric, Other
231100	Technical and Business Writing, Other
231111	Technical English
<b>STUB0340</b>	<b>SPEECH</b>
231000	Speech, Debate, and Forensics, Other
231011	Public Speaking
231021	Speech 1
231022	Speech 2
231023	Speech 3
231031	Debate Practicum Contract
542201	Functional Oral Communication
542209	Functional Oral Communication, Not for Credit
<b>STUB0350</b>	<b>AP/HONORS ENGLISH</b>
230117	English 4, Honors
230170	AP English Language and Composition
230171	AP English Literature and Composition
<b>STUB0360</b>	<b>ANY REMEDIAL/BELOW GRADE ENGLISH</b>
230103	English 8, Below Grade Level
230106	English 1, Below Grade Level
230109	English 2, Below Grade Level
230112	English 3, Below Grade Level
230115	English 4, Below Grade Level
230405	Spelling
230415	Word Study - Remedial
231211	Reading Development 1
231212	Reading Development 2
231213	Reading Development 3
231214	Reading Development 4
231311	Functional English 1
231312	Functional English 2
231313	Functional English 3
231314	Functional English 4
320109	Reading Development 1 (changed to 231211)
320110	Reading Development 2 (changed to 231212)
320112	Speech Development (changed to 569401)
320113	Language, Developmental (changed to 160125 for non-English speakers and 2311311 - 2311314 for remedial)
320114	Voice, Developmental (changed to 5694012)
320115	Word Study, Remedial (changed to 230415)
320118	English, Functional (changed to 231311-231314)
542011	Functional Language Arts 1
542019	Functional Language Arts 1, Not for Credit
542021	Functional Language Arts 2
542029	Functional Language Arts 2, Not for Credit
542031	Functional Language Arts 3
542039	Functional Language Arts 3, Not for Credit
542041	Functional Language Arts 4
542049	Functional Language Arts 4, Not for Credit
542051	Functional Vocational English
542059	Functional Vocational English, Not for Credit

**ENGLISH (continued)**

CSSC CODE	TITLE
542101	Functional Reading
542109	Functional Reading, Not for Credit
542301	Functional Writing
542309	Functional Writing, Not for Credit
542401	Functional Academics
542409	Functional Academics, Not for Credit
562300	Special Education Language Arts
562301	Resource Language Arts/English
562302	Developmental English 2/Resource ESE AAP English 2

CSSC CODE	TITLE
562303	Developmental English 3/Resource ESE AAP English 3
562304	Developmental English 4/Resource ESE AAP English 4
562309	Resource Language Arts/English, Not for Credit
562310	Special Education Reading
562311	Resource Reading
562319	Resource Reading, Not for Credit
562320	Special Education Writing
562321	Resource Writing
562329	Resource Writing, Not for Credit

## SOCIAL STUDIES

CSSC CODE	TITLE
<b>STUB0400</b>	<b>SOCIAL STUDIES</b>
050100	Area Studies, Other
050101	Area Studies
050102	American Studies, Basic
050103	American Studies, General
050104	America's People and Problems
050105	American Studies, Honors
050106	New England Studies
050107	Old South
050108	American West
050109	Southwest United States
050110	Anglo America
050111	North America and Current Events
050112	North and South America
050113	Latin America
050114	World Studies 1
050115	World Studies 2
050116	World Studies, Honors
050117	Comparative World Cultures
050118	European Culture Studies, Basic
050119	European Culture Studies, General
050120	European Culture Studies, Honors
050121	Developing Nations
050122	African Area Studies
050123	Africa and South America
050124	Asian and African Cultural Studies, Basic
050125	Asian and African Cultural Studies, General
050126	Asian and African Cultural Studies, Honors
050127	Asian Studies
050128	History of China
050129	Asia, Africa and Mideast
050130	Africa and Middle East
050131	Middle Eastern Studies
050132	Middle East, War for Survival
050133	U S S R
050134	Soviet Union and China
050135	Soviet Union and Afro American Developing Nations
050136	History of Russia
050137	Neglected World
050138	Global Education
050139	Pacific Rim Nations
050140	Canadian Area Studies
050200	Ethnic Studies, Other
050211	Minorities in America
050221	Ethnic and Family Heritage
050231	Afro American Studies
050241	Economics of Afro Americans
050251	Indians of North America
050261	Jewish Historical Significance
050271	Mexican American Heritage
050281	Hawaiiana
050291	Hawaiian Culture Studies, Modern
059900	Area and Ethnic Studies, Other
090100	Communications, Other General
090111	Mass Media

CSSC CODE	TITLE
090121	Intercultural Communications
090300	Communications Research, Other
090500	Public Relations, Other
090721	Television and Taste
099900	Communications, Other
130100	Education, Other General
130200	Bilingual/Bicultural Education, Other
130300	Curriculum and Instruction, Other
130400	Education Administration, Other
130500	Educational Media, Other
130600	Evaluation and Research, Other
130700	International and Comparative Education, Other
130800	School Psychology, Other
130900	Social Foundations, Other
131000	Special Education, Other
131100	Student Counseling and Personnel Services, Other
131200	Teacher Education, General Programs, Other
131300	Teacher Education, Specific Subject Areas, Other
131400	Teaching English as a Second Language/Foreign Education, Other
139900	Education, Other
220100	Law, Other
220111	Law Fundamentals
220121	Law and You
220131	Street Law
240100	Liberal/General Studies, Other
240111	Liberal Studies
240141	Gifted and Talented Program
300200	Clinical Pastoral Care, Other
300400	Humanities and Social Sciences, Other
300411	Humanities
300421	Humanities, European
300431	Humanities, American
300441	Humanities, African
300451	Humanities, Near East and Far East
300500	Peace Studies, Other
300600	Systems Science, Other
300611	Futuristics
300621	Environmental Science
300631	Energy and Environment
300700	Women's Studies, Other
300711	Women's Studies
300721	Women's Studies in Literature
309900	Multi/Interdisciplinary Studies, Other
320119	Contemporary Issues, Basic Skills (changed to 451033)
330161	U.S. History, Remedial (changed to 450809)
380100	Philosophy, Other
380111	Philosophy
380121	Ethics
380131	Logic
380141	Epistemics
380151	Social Justice Issues

## SOCIAL STUDIES (continued)

CSSC CODE	TITLE
420100	Psychology, Other General
420111	Psychology
420112	Psychology, Advanced
420113	Abnormal Psychology
420114	AP Psychology
420115	IB Psychology
420200	Clinical Psychology, Other
420300	Cognitive Psychology, Other
420311	Psychology of Learning
420321	Educational Psychology
420400	Community Psychology, Other
420500	Comparative Psychology, Other
420600	Counseling Psychology, Other
420700	Developmental Psychology, Other
420711	Child Psychology
420721	Adolescent Psychology
420731	Adjustment Psychology
420800	Experimental Psychology, Other
420900	Industrial and Organizational Psychology, Other
421000	Personality Psychology, Other
421011	Historical Personalities and Ideas
421021	Humanistic Psychology
421100	Physiological Psychology, Other
421200	Psycholinguistics, Other
421300	Psychometrics, Other
421400	Psychopharmacology, Other
421411	Psychopharmacology
421500	Quantitative Psychology, Other
421600	Social Psychology, Other
421611	Social Psychology
429900	Psychology, Other
430100	Criminal Justice, Other
430111	Law Enforcement
430121	Law Science
430200	Fire Protection, Other
430211	Fire Fighting Practices
439900	Protective Services, Other
440100	Public Affairs, Other General
440200	Community Services, Other
440300	International Public Service, Other
440400	Public Administration, Other
440500	Public Policy Studies, Other
440600	Public Works, Other
440700	Social Work, Other
440711	Human Services
449900	Public Affairs, Other
450100	Social Sciences, Other General
450111	Social Science, Introduction
450121	Social Science, Advanced Theory and Research
450131	Social Science Seminar
450141	Social Studies, Independent Study
450200	Anthropology, Other
450211	Anthropology
450221	Comparative Cultural Patterns
450231	Anthropology, Myth and Magic
450241	Cultural Anthropology, Research
450300	Archaeology, Other
450311	Archaeology
450400	Criminology, Other

CSSC CODE	TITLE
450500	Demography, Other
450511	Population Education
450600	Economics, Other
450601	Economics, Theory
450602	Economics and Economic Problems
450603	Consumer Economics
450605	Insurance Theory
450606	Investment Economics
450607	Television and Economics
450608	Energy Education
450609	American Labor History
450610	Economics, Analysis and Criticism
450611	Economics, College
450612	International Economics
450613	AP Microeconomics
450614	AP Macroeconomics
450615	IB Microeconomics
450616	IB Macroeconomics
450700	Geography, Other
450701	Geography 8
450702	Geography, United States
450703	Geography, North American
450704	World Geography
450705	Geography, Western Hemisphere and Africa
450706	Geography, Eastern Hemisphere
450707	Physical Geography
450708	Economic and Political Geography
450709	Human and Cultural Geography
450710	Field Geography, Honors
450711	IB World Geography
450800	History, Other
450801	History and Geography 7
450802	Our Cultural Heritage 7
450803	Social Studies 7, Honors
450804	United States History 8
450805	Social Studies 8
450806	Social Studies 8, Honors
450807	United States History, State and Local
450808	United States History, Advanced Placement
450809	American History, Basic
450810	American History
450811	United States History 1
450812	United States History 2
450813	United States History, Honors
450814	American History, Advanced Placement
450815	Westward Movement
450816	Twentieth Century America
450817	Twenties and Thirties
450818	America Since 1945
450819	Nineteen Sixties
450820	Nineteen Seventies
450821	Reform in American History
450822	American Inquiries
450823	Historic Events, United States
450824	American Wars, Causes and Effects
450825	Civil War
450826	Civil War, Reconstruction and Industrialism
450827	War and Modern Consciousness

## SOCIAL STUDIES (continued)

CSSC CODE	TITLE
450828	World War II
450829	United States Military History 1
450830	United States Military History 2
450831	United States History, Field Study
450832	North American History
450833	Mexican History
450834	South American History
450835	World History
450836	World History, College
450837	World History, Modern
450838	World Civilization, Twentieth Century
450839	World Civilization, Twentieth Century, Honors
450840	Western Civilization 9
450841	Western Civilization 9, Honors
450842	Western Civilization, History
450843	Early Western Civilization
450844	Western Civilization, Advanced Placement
450845	Ancient and Classical World
450846	Ancient Greek History
450847	Rome and Her Empire
450848	Ancient History and Middle Ages
450849	English History
450850	English History, Honors
450851	French Revolution, Honors
450852	Modern Europe
450853	European History, Mid-Nineteenth Through Mid-Twentieth Century
450854	European History, Twentieth Century
450855	European History, Advanced Readings
450856	European History, Modern, Advanced Placement
450857	Third World History
450858	African History
450859	Africa, Middle East and Latin America
450860	Latin American History
450861	Middle East History
450862	Israel, History
450863	Eastern Civilization
450864	Far East, History
450865	Asian History, Modern
450866	Pacific Lands, History
450867	Russian History
450868	World Leaders, Past and Present
450869	Historical Research
450870	Pre-IB World History (grade 9 or 10)
450871	IB History of the Americas
450872	IB Twentieth Century World Topics
450873	Pre-IB History of Europe
450874	Pre-IB US History
450900	International Relations, Other
450911	International Relations
450921	International Relations, Honors
450931	International Law
450941	Model Security Council, Local
450951	Model United Nations, Local
450952	Model United Nations, National
451000	Political Science and Government, Other
451001	Civics
451002	State and Local Government
451003	Government, Basic

CSSC CODE	TITLE
451004	American Government
451005	Presidency
451006	Framework of the Constitution
451007	Individual vs. State
451008	National State and Local Elections
451009	Elections, Politics and Morality, Honors
451010	Contemporary World Affairs
451011	American Foreign Policy
451012	Decision Making in a Crisis
451013	American Heritage, Honors
451014	Contemporary American Political Issues
451015	Contemporary American Political Issues, Honors
451016	American Government and Economics, Basic
451017	American Government and Economics
451018	American Government and Economics, Honors
451019	Comparative Political Systems, Basic
451020	Comparative World Governments
451021	Americanism vs. Communism
451022	Americanism vs. Communism, Honors
451023	Communism and Its Growth
451024	Civics, Honors
451025	Writings Influencing Government
451026	Government Internship
451027	Model Senate
451028	Political Leadership
451029	Political Science
451030	Political Science, Advanced Placement
451031	Political Science and Government
451032	Political Turmoil
451033	Contemporary Issues, Basic Skills
451034	Pre-IB American Government/Economics (grade 9 or 10)
451035	AP American Government and Politics
451036	AP Comparative Government and Politics
451037	IB American Government
451100	Sociology, Other
451111	American Social Problems, Introduction
451121	Sociology, General
451131	Sociology, Issues
451132	The Poor in America
451141	Mobility in Society
451151	Violence in America
451161	Death and Dying
451171	Sociology, Honors
451181	Sociology, Research
451200	Urban Studies, Other
451211	Urban Problems
451221	Urban Ecology
451231	Technology and Urbanization
459900	Social Sciences, Other
544501	Functional Social Skills
544509	Functional Social Studies, Not for Credit
564500	Special Education Social Studies
564501	Resource Social Studies
564509	Resource Social Studies, Not for Credit
<b>STUB0410</b>	<b>AMERICAN HISTORY</b>
320119	Contemporary Issues, Basic Skills (changed to 451033)
330161	U.S. History, Remedial (changed to 450809)

## SOCIAL STUDIES (continued)

CSSC CODE	TITLE
450800	History, Other
450801	History and Geography 7
450802	Our Cultural Heritage 7
450803	Social Studies 7, Honors
450804	United States History 8
450805	Social Studies 8
450806	Social Studies 8, Honors
450807	United States History, State and Local
450808	United States History, Advanced Placement
450809	American History, Basic
450810	American History
450811	United States History 1
450812	United States History 2
450813	United States History, Honors
450814	American History, Advanced Placement
450815	Westward Movement
450816	Twentieth Century America
450817	Twenties and Thirties
450818	America Since 1945
450819	Nineteen Sixties
450820	Nineteen Seventies
450821	Reform in American History
450822	American Inquiries
450823	Historic Events, United States
450824	American Wars, Causes and Effects
450825	Civil War
450826	Civil War, Reconstruction and Industrialism
450827	War and Modern Consciousness
450828	World War II
450829	United States Military History 1
450830	United States Military History 2
450831	United States History, Field Study
450832	North American History
450833	Mexican History
450834	South American History
450869	Historical Research
450874	Pre-IB US History
451033	Contemporary Issues, Basic Skills
<b>STUB0411</b>	<b>AP AMERICAN HISTORY</b>
450808	United States History, Advanced Placement
450813	United States History, Honors
450814	American History, Advanced Placement
<b>STUB0420</b>	<b>WORLD HISTORY</b>
450835	World History
450836	World History, College
450837	World History, Modern
450838	World Civilization, Twentieth Century
450839	World Civilization, Twentieth Century, Honors
450840	Western Civilization 9
450841	Western Civilization 9, Honors
450842	Western Civilization, History
450843	Early Western Civilization
450844	Western Civilization, Advanced Placement
450845	Ancient and Classical World
450846	Ancient Greek History
450847	Rome and Her Empire
450848	Ancient History and Middle Ages
450849	English History

CSSC CODE	TITLE
450850	English History, Honors
450851	French Revolution, Honors
450852	Modern Europe
450853	European History, Mid-Nineteenth Through Mid-Twentieth Century
450854	European History, Twentieth Century
450855	European History, Advanced Readings
450856	European History, Modern, Advanced Placement
450857	Third World History
450858	African History
450859	Africa, Middle East and Latin America
450860	Latin American History
450861	Middle East History
450862	Israel, History
450863	Eastern Civilization
450864	Far East, History
450865	Asian History, Modern
450866	Pacific Lands, History
450867	Russian History
450868	World Leaders, Past and Present
450870	Pre-IB World History (grade 9 or 10)
450871	IB History of the Americas
450872	IB Twentieth Century World Topics
450873	Pre-IB History of Europe
<b>STUB0421</b>	<b>AP WESTERN CIV/EUROPEAN HISTORY</b>
450836	World History, College
450839	World Civilization, Twentieth Century, Honors
450841	Western Civilization 9, Honors
450844	Western Civilization, Advanced Placement
450850	English History, Honors
450851	French Revolution, Honors
450856	European History, Modern, Advanced Placement
<b>STUB0430</b>	<b>AMERICAN GOVERNMENT AND POLITICS</b>
450900	International Relations, Other
450911	International Relations
450921	International Relations, Honors
450931	International Law
450941	Model Security Council, Local
450951	Model United Nations, Local
450952	Model United Nations, National
451000	Political Science and Government, Other
451001	Civics
451002	State and Local Government
451003	Government, Basic
451004	American Government and Politics
451005	Presidency
451006	Framework of the Constitution
451007	Individual vs. State
451008	National State and Local Elections
451009	Elections, Politics and Morality, Honors
451010	Contemporary World Affairs
451011	American Foreign Policy
451012	Decision Making in a Crisis
451013	American Heritage, Honors
451014	Contemporary American Political Issues
451015	Contemporary American Political Issues, Honors



## SOCIAL STUDIES (continued)

CSSC CODE	TITLE
451016	American Government and Economics, Basic
451017	American Government and Economics
451018	American Government and Economics, Honors
451019	Comparative Political Systems, Basic
451020	Comparative World Governments
451021	Americanism vs. Communism
451022	Americanism vs. Communism, Honors
451023	Communism and Its Growth
451024	Civics, Honors
451025	Writings Influencing Government
451026	Government Internship
451027	Model Senate
451028	Political Leadership
451029	Political Science
451030	Political Science, Advanced Placement
451031	Political Science and Government
451032	Political Turmoil
451034	Pre-IB American Government/Economics (grade 9 or 10)
451035	AP American Government and Politics
451036	AP Comparative Government & Politics
451037	IB American Government
<b>STUB0440</b>	<b>HUMANITIES OTHER</b>
050100	Area Studies, Other
050101	Area Studies
050102	American Studies, Basic
050103	American Studies, General
050104	America's People and Problems
050106	New England Studies
050107	Old South
050108	American West
050109	Southwest United States
050110	Anglo America
050111	North America and Current Events
050112	North and South America
050113	Latin America
050114	World Studies 1
050115	World Studies 2
050117	Comparative World Cultures
050118	European Culture Studies, Basic
050119	European Culture Studies, General
050121	Developing Nations
050122	African Area Studies
050123	Africa and South America
050124	Asian and African Cultural Studies, Basic
050125	Asian and African Cultural Studies, General
050127	Asian Studies
050128	History of China
050129	Asia, Africa and Mideast
050130	Africa and Middle East
050131	Middle Eastern Studies
050132	Middle East, War for Survival
050133	U S S R
050134	Soviet Union and China
050135	Soviet Union and Afro American Developing Nations
050136	History of Russia
050137	Neglected World
050138	Global Education

CSSC CODE	TITLE
050139	Pacific Rim Nations
050140	Canadian Area Studies
050200	Ethnic Studies, Other
050211	Minorities in America
050221	Ethnic and Family Heritage
050231	Afro American Studies
050241	Economics of Afro Americans
050251	Indians of North America
050261	Jewish Historical Significance
050271	Mexican American Heritage
050281	Hawaiiana
050291	Hawaiian Culture Studies, Modern
059900	Area and Ethnic Studies, Other
090100	Communications, Other General
090111	Mass Media
090121	Intercultural Communications
090300	Communications Research, Other
090500	Public Relations, Other
090721	Television and Taste
099900	Communications, Other
130100	Education, Other General
130200	Bilingual/Bicultural Education, Other
130300	Curriculum and Instruction, Other
130400	Education Administration, Other
130500	Educational Media, Other
130600	Evaluation and Research, Other
130700	International and Comparative Education,
130800	School Psychology, Other
130900	Social Foundations, Other
131000	Special Education, Other
131100	Student Counseling and Personnel Services, Other
131200	Teacher Education, General Programs, Other
131300	Teacher Education, Specific Subject Areas, Other
131400	Teaching English as a Second Language/Foreign
139900	Education, Other
220100	Law, Other
220111	Law Fundamentals
220121	Law and You
220131	Street Law
240100	Liberal/General Studies, Other
240111	Liberal Studies
240141	Gifted and Talented Program
300200	Clinical Pastoral Care, Other
300400	Humanities and Social Sciences, Other
300411	Humanities
300421	Humanities, European
300431	Humanities, American
300441	Humanities, African
300451	Humanities, Near East and Far East
300500	Peace Studies, Other
300600	Systems Science, Other
300611	Futuristics
300621	Environmental Science
300631	Energy and Environment
300700	Women's Studies, Other
300711	Women's Studies
300721	Women's Studies in Literature
309900	Multi/Interdisciplinary Studies, Other
380100	Philosophy, Other

## SOCIAL STUDIES (continued)

CSSC CODE	TITLE
380111	Philosophy
380121	Ethics
380131	Logic
380141	Epistemics
380151	Social Justice Issues
420100	Psychology, Other General
420111	Psychology
420113	Abnormal Psychology
420200	Clinical Psychology, Other
420300	Cognitive Psychology, Other
420311	Psychology of Learning
420321	Educational Psychology
420400	Community Psychology, Other
420500	Comparative Psychology, Other
420600	Counseling Psychology, Other
420700	Developmental Psychology, Other
420711	Child Psychology
420721	Adolescent Psychology
420731	Adjustment Psychology
420800	Experimental Psychology, Other
420900	Industrial and Organizational Psychology, Other
421000	Personality Psychology, Other
421011	Historical Personalities and Ideas
421021	Humanistic Psychology
421100	Physiological Psychology, Other
421200	Psycholinguistics, Other
421300	Psychometrics, Other
421400	Psychopharmacology, Other
421411	Psychopharmacology
421500	Quantitative Psychology, Other
421600	Social Psychology, Other
421611	Social Psychology
429900	Psychology, Other
430100	Criminal Justice, Other
430111	Law Enforcement
430121	Law Science
430200	Fire Protection, Other
430211	Fire Fighting Practices
439900	Protective Services, Other
440100	Public Affairs, Other General
440200	Community Services, Other
440300	International Public Service, Other
440400	Public Administration, Other
440500	Public Policy Studies, Other
440600	Public Works, Other
440700	Social Work, Other
440711	Human Services
449900	Public Affairs, Other
450100	Social Sciences, Other General
450111	Social Science, Introduction
450121	Social Science, Advanced Theory and Research
450131	Social Science Seminar
450141	Social Studies, Independent Study
450200	Anthropology, Other
450211	Anthropology
450221	Comparative Cultural Patterns
450231	Anthropology, Myth and Magic
450241	Cultural Anthropology, Research

CSSC CODE	TITLE
450300	Archaeology, Other
450311	Archaeology
450400	Criminology, Other
450500	Demography, Other
450511	Population Education
450600	Economics, Other
450601	Economics, Theory
450602	Economics and Economic Problems
450603	Consumer Economics
450605	Insurance Theory
450606	Investment Economics
450607	Television and Economics
450608	Energy Education
450609	American Labor History
450610	Economics, Analysis and Criticism
450612	International Economics
450700	Geography, Other
450701	Geography 8
450702	Geography, United States
450703	Geography, North American
450704	World Geography
450705	Geography, Western Hemisphere and Africa
450706	Geography, Eastern Hemisphere
450707	Physical Geography
450708	Economic and Political Geography
450709	Human and Cultural Geography
451100	Sociology, Other
451111	American Social Problems, Introduction
451121	Sociology, General
451131	Sociology, Issues
451132	The Poor in America
451141	Mobility in Society
451151	Violence in America
451161	Death and Dying
451181	Sociology, Research
451200	Urban Studies, Other
451211	Urban Problems
451221	Urban Ecology
451231	Technology and Urbanization
459900	Social Sciences, Other
544501	Functional Social Skills
544509	Functional Social Studies, Not for Credit
564500	Special Education Social Studies
564501	Resource Social Studies
564509	Resource Social Studies, Not for Credit
<b>STUB0441</b>	<b>NON-WESTERN HISTORY</b>
050113	Latin America
050121	Developing Nations
050122	African Area Studies
050123	Africa and South America
050124	Asian and African Cultural Studies, Basic
050125	Asian and African Cultural Studies, General
050126	Asian and African Cultural Studies, Honors
050127	Asian Studies
050128	History of China
050129	Asia, Africa and Mideast
050130	Africa and Middle East
050131	Middle Eastern Studies

## SOCIAL STUDIES (continued)

CSSC CODE	TITLE
050132	Middle East, War for Survival
050137	Neglected World
050138	Global Education
050139	Pacific Rim Nations
450833	Mexican History
450834	South American History
450857	Third World History
450858	African History
450859	Africa, Middle East and Latin America
450860	Latin American History
450861	Middle East History
450862	Israel, History
450863	Eastern Civilization
450864	Far East, History
450865	Asian History, Modern
450866	Pacific Lands, History
<b>STUB0442</b>	<b>WESTERN HISTORY/CIVILIZATION</b>
050118	European Culture Studies, Basic
050119	European Culture Studies, General
050120	European Culture Studies, Honors
450840	Western Civilization 9
450841	Western Civilization 9, Honors
450842	Western Civilization, History
450843	Early Western Civilization
450853	European History, Mid-Nineteenth Through Mid-Twentieth Century
450856	European History, Modern, Advanced Placement
<b>STUB0443</b>	<b>ECONOMICS</b>
450600	Economics, Other
450601	Economics, Theory
450602	Economics and Economic Problems
450603	Consumer Economics
450606	Investment Economics
450607	Television and Economics
450608	Energy Education
450609	American Labor History
450610	Economics, Analysis and Criticism
450611	Economics, College
450612	International Economics
450613	AP Microeconomics
450614	AP Macroeconomics
450615	IB Microeconomics
450616	IB Macroeconomics
<b>STUB0444</b>	<b>GEOGRAPHY</b>
450700	Geography, Other
450701	Geography 8
450702	Geography, United States
450703	Geography, North American
450704	World Geography
450705	Geography, Western Hemisphere and Africa
450706	Geography, Eastern Hemisphere
450707	Physical Geography
450708	Economic and Political Geography
450709	Human and Cultural Geography
450710	Field Geography, Honors

CSSC CODE	TITLE
<b>STUB0445</b>	<b>SOCIOLOGY/PSYCHOLOGY</b>
420100	Psychology, Other General
420111	Psychology
420112	Psychology, Advanced
420113	Abnormal Psychology
420114	AP Psychology
420115	IB Psychology
420200	Clinical Psychology, Other
420300	Cognitive Psychology, Other
420311	Psychology of Learning
420321	Educational Psychology
420400	Community Psychology, Other
420500	Comparative Psychology, Other
420600	Counseling Psychology, Other
420700	Developmental Psychology, Other
420711	Child Psychology
420721	Adolescent Psychology
420731	Adjustment Psychology
420800	Experimental Psychology, Other
420900	Industrial and Organizational Psychology, Other
421000	Personality Psychology, Other
421011	Historical Personalities and Ideas
421021	Humanistic Psychology
421100	Physiological Psychology, Other
421200	Psycholinguistics, Other
421300	Psychometrics, Other
421400	Psychopharmacology, Other
421411	Psychopharmacology
421500	Quantitative Psychology, Other
421600	Social Psychology, Other
421611	Social Psychology
429900	Psychology, Other
430100	Criminal Justice, Other
430111	Law Enforcement
430121	Law Science
430200	Fire Protection, Other
430211	Fire Fighting Practices
430221	Fire Safety Education
430300	International Public Service, Other
430311	Security Guard
439900	Protective Services, Other
450711	IB World Geography
451100	Sociology, Other
451111	American Social Problems, Introduction
451121	Sociology, General
451131	Sociology, Issues
451132	The Poor in America
451141	Mobility in Society
451151	Violence in America
451161	Death and Dying
451171	Sociology, Honors
451181	Sociology, Research
<b>STUB0446</b>	<b>INTERNATIONAL POLITICS</b>
450900	International Relations, Other
450911	International Relations
450921	International Relations, Honors

## SOCIAL STUDIES (continued)

CSSC CODE	TITLE
450931	International Law
451010	Contemporary World Affairs
451011	American Foreign Policy
451019	Comparative Political Systems, Basic
451020	Comparative World Governments
451021	Americanism vs. Communism
451022	Americanism vs. Communism, Honors
451023	Communism and Its Growth
451030	Political Science, Advanced Placement
<b>STUB0447</b>	<b>REMEDIAL/BELOW GRADE SOCIAL STUDIES</b>
330161	U.S. History, Remedial (changed to 450809)
450801	History and Geography 7
450802	Our Cultural Heritage 7
450804	United States History 8
450805	Social Studies 8
450809	American History, Basic
<b>STUB0450</b>	<b>AP/HONORS SOCIAL STUDIES</b>
050105	American Studies, Honors
050116	World Studies, Honors
050120	European Culture Studies, Honors
050126	Asian and African Cultural Studies, Honors
420112	Psychology, Advanced
420114	AP Psychology
450611	Economics, College

CSSC CODE	TITLE
450613	AP Microeconomics
450614	AP Macroeconomics
450710	Field Geography, Honors
450808	United States History, Advanced Placement
450813	United States History, Honors
450814	American History, Advanced Placement
450836	World History, College
450839	World Civilization, Twentieth Century, Honors
450841	Western Civilization 9, Honors
450844	Western Civilization, Advanced Placement
450850	English History, Honors
450851	French Revolution, Honors
450856	European History, Modern, Advanced Placement
450921	International Relations, Honors
451004	AP American Government and Politics
451009	Elections, Politics and Morality, Honors
451013	American Heritage, Honors
451015	Contemporary American Political Issues, Honors
451018	American Government and Economics, Honors
451022	Americanism vs. Communism, Honors
451024	Civics, Honors
451030	Political Science, Advanced Placement
451035	AP American Government and Politics
451171	Sociology, Honors

## FINE ARTS

CSSC CODE	TITLE
<b>STUB0500</b>	<b>FINE ARTS</b>
500100	Visual and Performing Arts, Other General
500111	Aesthetics
500200	Crafts, Other
500211	Crafts 7
500212	Crafts 8
500213	Crafts 9
500214	Crafts 10
500215	Crafts 11
500216	Crafts 12
500221	Crafts 11, Advanced
500222	Crafts 12, Advanced
500231	Decorator Crafts
500241	Enameling
500251	Jewelry 1
500252	Jewelry 2
500253	Jewelry 3
500254	Jewelry 4
500261	Ceramics 7
500262	Ceramics 8
500263	Ceramics 9
500264	Ceramics 10
500265	Ceramics 11
500266	Ceramics 12
500271	Textile Design
500281	Model Building
500291	Printmaking 1
500292	Printmaking 2
500300	Dance, Other
500311	Modern Dance for Beginners 9
500312	Modern Dance for Beginners 10
500313	Modern Dance for Beginners 11
500314	Modern Dance for Beginners 12
500321	Modern Dance 9, Intermediate
500322	Modern Dance 10, Intermediate
500323	Modern Dance 11, Intermediate
500324	Modern Dance 12, Intermediate
500331	Dance 9, Advanced
500332	Dance 10, Advanced
500333	Dance 11, Advanced
500334	Dance 12, Advanced
500341	Performing Dance Group 9
500342	Performing Dance Group 10
500343	Performing Dance Group 11
500344	Performing Dance Group 12
500351	Ballet and Jazz for Beginners 9
500352	Ballet and Jazz for Beginners 10
500353	Ballet and Jazz for Beginners 11
500354	Ballet and Jazz for Beginners 12
500361	Ethnic Dance
500371	Square Dance
500381	Aerobic Dance
500421	Theater Makeup
500431	Lighting Fundamentals, Theater
500500	Dramatic Arts, Other
500511	Stagecraft 9
500512	Stagecraft 10
500513	Stagecraft 11

CSSC CODE	TITLE
500514	Stagecraft 12
500521	Improvisation and Mime
500531	Playwriting
500541	Theater Practicum Contract
500551	Drama, History
500561	Drama, Independent Study
500571	IB Theater
500600	Film Arts, Other
500611	Film Study
500612	Language of the Cinema
500621	Photography 10
500622	Photography 11, Elementary
500623	Photography 12, Elementary
500631	Photography 11, Advanced
500632	Photography 12, Advanced
500700	Fine Arts, Other
500701	Fine Arts 7
500702	Fine Arts 8
500703	Art, General
500704	Art 1
500705	Art 2
500706	Art 3
500707	Art 4
500708	Art 1, Independent Study
500709	Art 2, Independent Study
500711	Art Services 10
500712	Art Services 11
500713	Art Services 12
500714	Drawing
500715	Painting 1
500716	Painting 2
500717	Watercolor 1
500718	Cartooning
500719	Mural Painting
500720	Sculpture
500721	Silk Screen
500722	Assemblage
500723	Product Design
500724	Life Drawing
500725	Calligraphy
500726	Art History and Appreciation
500727	Black Fine Arts
500728	Mexico, Fine Arts
500729	Bicultural Art
500730	Artist in Residence Program
500731	Ethnic Art History
500732	Art as a Multicultural Study
500733	AP Art History
500734	AP Studio Art – General
500735	AP Studio Art – Drawing
500736	IB Art Studies
500737	IB Art Studio
500900	Music, Other
500901	Music 7
500902	Music 8
500903	Band 7
500904	Band 7, Advanced
500905	Band 8

## FINE ARTS (continued)

CSSC CODE	TITLE
500906	Band 8, Advanced
500907	Band 9
500908	Band 9, Advanced
500909	Band, Concert
500910	Band, Marching
500911	Band, Symphonic
500912	Orchestra 7
500913	Orchestra 7, Advanced
500914	Orchestra 8
500915	Orchestra 8, Advanced
500916	Orchestra 9
500917	Orchestra 9, Advanced
500918	Orchestra 10
500919	Orchestra 11
500920	Orchestra 12
500921	Instrumental String Class
500922	Brass and Percussion Class
500923	Wind Ensemble
500924	Woodwind Class
500925	Electronic Music, Introduction
500926	Ensemble, Instrumental
500927	Guitar, Beginning
500928	Guitar, Intermediate
500929	Guitar, Advanced
500930	Handbells
500931	Piano 1
500932	Piano 2
500933	Organ
500934	Music Lessons, Applied
500935	Chorus 7
500936	Chorus 7, Advanced
500937	Chorus 8
500938	Chorus 8, Advanced
500939	Chorus 9
500940	Chorus 9, Advanced
500941	Chorus 10
500942	Chorus 10, Advanced
500943	Chorus 11
500944	Chorus 11, Advanced
500945	Chorus 12
500946	Chorus 12, Advanced
500947	Vocal Ensemble
500948	Voice Class
500949	Harmony and Composition
500950	Arranging
500951	Conducting
500952	Music Theory
500953	Music History 7
500954	Music History 8
500955	Music History 9
500956	Music History 10
500957	Music History 11
500958	Music History 12
500959	Music Literature 9
500960	Music Literature 10
500961	Music Literature 11
500962	Music Literature 12
500963	Music Appreciation

CSSC CODE	TITLE
500964	Folk Music, Ethnic
500965	Music Theater
500966	Music, Independent Study
500967	Music Laboratory, General Survey
500968	IB Music
500969	AP Music Theory
509900	Visual and Performing Arts, Other
<b>STUB0510</b>	<b>FINE ARTS AND CRAFTS</b>
500100	Visual and Performing Arts, Other General
500111	Aesthetics
500200	Crafts, Other
500211	Crafts 7
500212	Crafts 8
500213	Crafts 9
500214	Crafts 10
500215	Crafts 11
500216	Crafts 12
500221	Crafts 11, Advanced
500222	Crafts 12, Advanced
500231	Decorator Crafts
500241	Enameling
500251	Jewelry 1
500252	Jewelry 2
500253	Jewelry 3
500254	Jewelry 4
500261	Ceramics 7
500262	Ceramics 8
500263	Ceramics 9
500264	Ceramics 10
500265	Ceramics 11
500266	Ceramics 12
500271	Textile Design
500281	Model Building
500291	Printmaking 1
500292	Printmaking 2
500600	Film Arts, Other
500611	Film Study
500612	Language of the Cinema
500621	Photography 10
500622	Photography 11, Elementary
500623	Photography 12, Elementary
500631	Photography 11, Advanced
500632	Photography 12, Advanced
500700	Fine Arts, Other
500701	Fine Arts 7
500702	Fine Arts 8
500703	Art, General
500704	Art 1
500705	Art 2
500706	Art 3
500707	Art 4
500708	Art 1, Independent Study
500709	Art 2, Independent Study
500711	Art Services 10
500712	Art Services 11
500713	Art Services 12
500714	Drawing
500715	Painting 1

## FINE ARTS (continued)

CSSC CODE	TITLE
500716	Painting 2
500717	Watercolor 1
500718	Cartooning
500719	Mural Painting
500720	Sculpture
500721	Silk Screen
500722	Assemblage
500723	Product Design
500724	Life Drawing
500725	Calligraphy
500726	Art History and Appreciation
500727	Black Fine Arts
500728	Mexico, Fine Arts
500729	Bicultural Art
500730	Artist in Residence Program
500731	Ethnic Art History
500732	Art as a Multicultural Study
500733	AP Art History
500734	AP Studio Art – General
500735	AP Studio Art – Drawing
500736	IB Art Studies
500737	IB Art Studio
509900	Visual and Performing Arts, Other
<b>STUB0520</b>	<b>MUSIC</b>
500900	Music, Other
500901	Music 7
500902	Music 8
500903	Band 7
500904	Band 7, Advanced
500905	Band 8
500906	Band 8, Advanced
500907	Band 9
500908	Band 9, Advanced
500909	Band, Concert
500910	Band, Marching
500911	Band, Symphonic
500912	Orchestra 7
500913	Orchestra 7, Advanced
500914	Orchestra 8
500915	Orchestra 8, Advanced
500916	Orchestra 9
500917	Orchestra 9, Advanced
500918	Orchestra 10
500919	Orchestra 11
500920	Orchestra 12
500921	Instrumental String Class
500922	Brass and Percussion Class
500923	Wind Ensemble
500924	Woodwind Class
500925	Electronic Music, Introduction
500926	Ensemble, Instrumental
500927	Guitar, Beginning
500928	Guitar, Intermediate
500929	Guitar, Advanced
500930	Handbells
500931	Piano 1
500932	Piano 2
500933	Organ

CSSC CODE	TITLE
500934	Music Lessons, Applied
500935	Chorus 7
500936	Chorus 7, Advanced
500937	Chorus 8
500938	Chorus 8, Advanced
500939	Chorus 9
500940	Chorus 9, Advanced
500941	Chorus 10
500942	Chorus 10, Advanced
500943	Chorus 11
500944	Chorus 11, Advanced
500945	Chorus 12
500946	Chorus 12, Advanced
500947	Vocal Ensemble
500948	Voice Class
500949	Harmony and Composition
500950	Arranging
500951	Conducting
500952	Music Theory
500953	Music History 7
500954	Music History 8
500955	Music History 9
500956	Music History 10
500957	Music History 11
500958	Music History 12
500959	Music Literature 9
500960	Music Literature 10
500961	Music Literature 11
500962	Music Literature 12
500963	Music Appreciation
500964	Folk Music, Ethnic
500965	Music Theater
500966	Music, Independent Study
500967	Music Laboratory, General Survey
500968	IB Music
500969	AP Music Theory
<b>STUB0530</b>	<b>DRAMA</b>
500421	Theater Makeup
500431	Lighting Fundamentals, Theater
500500	Dramatic Arts, Other
500511	Stagecraft 9
500512	Stagecraft 10
500513	Stagecraft 11
500514	Stagecraft 12
500521	Improvisation and Mime
500531	Playwriting
500541	Theater Practicum Contract
500551	Drama, History
500561	Drama, Independent Study
500571	IB Theater
<b>STUB0540</b>	<b>DANCE</b>
500300	Dance, Other
500311	Modern Dance for Beginners 9
500312	Modern Dance for Beginners 10
500313	Modern Dance for Beginners 11
500314	Modern Dance for Beginners 12
500321	Modern Dance 9, Intermediate
500322	Modern Dance 10, Intermediate

**FINE ARTS (continued)**

CSSC CODE	TITLE
500323	Modern Dance 11, Intermediate
500324	Modern Dance 12, Intermediate
500331	Dance 9, Advanced
500332	Dance 10, Advanced
500333	Dance 11, Advanced
500334	Dance 12, Advanced
500341	Performing Dance Group 9
500342	Performing Dance Group 10
500343	Performing Dance Group 11
500344	Performing Dance Group 12
500351	Ballet and Jazz for Beginners 9
500352	Ballet and Jazz for Beginners 10
500353	Ballet and Jazz for Beginners 11
500354	Ballet and Jazz for Beginners 12
500361	Ethnic Dance
500371	Square Dance
500381	Aerobic Dance

CSSC CODE	TITLE
<b>STUB0550</b>	<b>ART/MUSIC APPRECIATION/HISTORY</b>
500111	Aesthetics
500726	Art History and Appreciation
500727	Black Fine Arts
500728	Mexico, Fine Arts
500729	Bicultural Art
500730	Artist in Residence Program
500731	Ethnic Art History
500732	Art as a Multicultural Study
500955	Music History 9
500956	Music History 10
500957	Music History 11
500958	Music History 12
500959	Music Literature 9
500960	Music Literature 10
500961	Music Literature 11
500962	Music Literature 12
500963	Music Appreciation



## FOREIGN LANGUAGES

CSSC CODE	TITLE
<b>STUB0600</b>	<b>FOREIGN LANGUAGES</b>
160100	Foreign Languages, Multiple Emphasis, Other
160111	Foreign Language, Exploratory
160121	English as a Second Language 1
160122	English as a Second Language 2
160123	English as a Second Language 3
160124	English as a Second Language, Skills Lab
160125	Transitional English
160200	African (Non-Semitic) Languages, Other
160211	Swahili 1
160212	Swahili 2
160221	Amharic 1 (Ethiopian)
160222	Amharic 2 (Ethiopian)
160300	Asiatic Languages, Other
160311	Cantonese 1
160312	Cantonese 2
160313	Cantonese 3
160314	Cantonese 4
160321	Mandarin 1
160322	Mandarin 2
160323	Mandarin 3
160324	Mandarin 4
160325	Mandarin 5
160331	Japanese 1
160332	Japanese 2
160333	Japanese 3
160334	Japanese 4
160335	Japanese 5
160336	Foreign Language Contract, Japanese
160341	Hawaiian 1
160342	Hawaiian 2
160343	Hawaiian 3
160344	Hawaiian 4
160345	Hawaiian Language and Culture
160351	Korean 1
160352	Korean 2
160353	Korean 3
160354	Korean 4
160355	Korean 5
160400	Balto-Slavic Languages, Other
160411	Ukrainian 1
160421	Russian 1
160422	Russian 2
160423	Russian 3
160424	Russian 4
160425	Russian 5
160426	Russian 6
160427	Foreign Language Contract, Russian
160431	Czech 1
160432	Czech 2
160433	Czech 3
160441	Polish 1
160442	Polish 2
160443	Polish 3
160444	Polish 4
160451	Finnish 1
160452	Finnish 2
160453	Finnish 3
160454	Finnish 4

CSSC CODE	TITLE
160500	Germanic Languages, Other
160501	Dutch 1
160502	Dutch 2
160503	Dutch 3
160511	German 7
160512	German 8
160513	German 1
160514	German 2
160515	German 3
160516	German 4
160517	German, Advanced Placement
160518	German Field-Based Experience
160519	Foreign Language Contract, German
160521	Norwegian 1
160522	Norwegian 2
160531	Swedish 1
160532	Swedish 2
160533	Swedish 3
160541	Yiddish 1
160542	Yiddish 2
160543	Yiddish 3
160544	IB German 4
160545	IB German 5
160546	AP German Language
160600	Greek, Other
160611	Modern Greek for Survival
160621	Modern Greek
160622	Modern Greek 2
160623	Modern Greek 3
160624	Modern Greek 4
160631	Classical Greek 1
160632	Classical Greek 2
160633	Classical Greek 3
160634	Classical Greek 4
160700	Indic Languages, Other
160800	Iranian Languages, Other
160900	Italic Languages, Other
160901	French 7
160902	French 8
160903	French 1
160904	French 2
160905	French 3
160906	French 4
160907	French, Advanced Placement
160908	French Field-Based Experience
160909	Foreign Language Contract, French
160910	French, Conversational
160911	Italian 7
160912	Italian 8
160913	Italian 1
160914	Italian 2
160915	Italian 3
160916	Italian 4
160917	Italian, Advanced Placement
160918	Italian Field-Based Experience
160919	Foreign Language Contract, Italian
160920	Latin 1
160921	Latin 2
160922	Latin 3

## FOREIGN LANGUAGES

CSSC CODE	TITLE
160923	Latin 4
160924	Latin, Advanced Placement
160925	Foreign Language Contract, Latin
160926	Portuguese 1
160927	Portuguese 2
160928	Portuguese 3
160929	Portuguese 4
160930	Portuguese 5
160931	Spanish 7
160932	Spanish 8
160933	Spanish 1
160934	Spanish 2
160935	Spanish 3
160936	Spanish 4
160937	Spanish, Advanced Placement
160938	Spanish Field-Based Experience
160939	Foreign Language Contract, Spanish
160940	Spanish for Native Speakers (changed to 161311-161315)
160941	Spanish for Travelers
160942	Spanish, Commercial
160943	AP/IB French Language
160944	AP/IB French Literature
160945	IB Spanish 4
160946	IB Spanish 5
160947	AP Latin
160949	AP French Language
160950	AP French Literature
161000	Native American Languages, Other
161100	Semitic Languages, Other
161111	Hebrew 1
161112	Hebrew 2
161113	Hebrew 3
161114	Hebrew 4
161115	Arabic 1
161116	Arabic 2
161117	Arabic 3
161118	Arabic 4
161119	Foreign Language Contract - Arabic
161200	Indo-European Languages, Other
161211	Turkish 1
161212	Turkish 2
161300	Non-English Languages for Native Speakers, Other
161311	Spanish for Native Speakers 1
161312	Spanish for Native Speakers 2
161313	Spanish for Native Speakers 3
161314	Spanish for Native Speakers 4
161315	Spanish for Native Speakers 5/Advanced Placement
161321	Portuguese for Native Speakers 1
161322	Portuguese for Native Speakers 2
161323	Portuguese for Native Speakers 3
161324	Portuguese for Native Speakers 4
161331	Italian for Native Speakers 1
161332	Italian for Native Speakers 2
161333	Italian for Native Speakers 3

CSSC CODE	TITLE
161341	Japanese for Native Speakers 1
161342	Japanese for Native Speakers 2
161343	Japanese for Native Speakers 3
161344	Japanese for Native Speakers 4
161351	Chinese for Native Speakers 1
161352	Chinese for Native Speakers 2
161353	Chinese for Native Speakers 3
161354	Chinese for Native Speakers 4
161361	French for Native Speakers 1
161362	French for Native Speakers 2
161363	French for Native Speakers 3
161364	French for Native Speakers 4
169900	Foreign Languages, Other
<b>STUB0601 AP FOREIGN LANGUAGE</b>	
160517	German, Advanced Placement
160544	IB German 4
160545	IB German 5
160546	AP German Language
160907	French, Advanced Placement
160917	Italian, Advanced Placement
160924	Latin, Advanced Placement
160937	Spanish, Advanced Placement
160943	AP/IB French Language
160944	AP/IB French Literature
160947	AP Latin
160949	AP French Language
160950	AP French Literature
160951	AP Spanish Language
160952	AP Spanish Literature
161315	Spanish for Native Speakers 5/Advanced Placement
<b>STUB0610 SURVEY AND ESL</b>	
160100	Foreign Languages, Multiple Emphasis, Other
160111	Foreign Language, Exploratory
160121	English as a Second Language 1
160122	English as a Second Language 2
160123	English as a Second Language 3
160124	English as a Second Language, Skills Lab
<b>STUB0620 FRENCH</b>	
160901	French 7
160902	French 8
160903	French 1
160904	French 2
160905	French 3
160906	French 4
160907	French, Advanced Placement
160908	French Field-Based Experience
160909	Foreign Language Contract, French
160910	French, Conversational
160943	AP/IB French Language
160944	AP/IB French Literature
160949	AP French Language
160950	AP French Literature
161361	French for Native Speakers 1
161362	French for Native Speakers 2
161363	French for Native Speakers 3
161364	French for Native Speakers 4

## FOREIGN LANGUAGES (continued)

CSSC CODE	TITLE
<b>STUB0630 SPANISH</b>	
160931	Spanish 7
160932	Spanish 8
160933	Spanish 1
160934	Spanish 2
160935	Spanish 3
160936	Spanish 4
160937	Spanish, Advanced Placement
160938	Spanish Field-Based Experience
160939	Foreign Language Contract, Spanish
160940	Spanish for Native Speakers (changed to 161311-161315)
160941	Spanish for Travelers
160942	Spanish, Commercial
160945	IB Spanish 4
160946	IB Spanish 5
160951	AP Spanish Language
160952	AP Spanish Literature
<b>STUB0640 GERMAN</b>	
160501	Dutch 1
160502	Dutch 2
160503	Dutch 3
160511	German 7
160512	German 8
160513	German 1
160514	German 2
160515	German 3
160516	German 4
160517	German, Advanced Placement
160518	German Field-Based Experience
160519	Foreign Language Contract, German
160544	IB German 4
160545	IB German 5
160546	AP German Language
<b>STUB0650 LATIN</b>	
160920	Latin 1
160921	Latin 2
160922	Latin 3
160923	Latin 4
160924	Latin, Advanced Placement
160947	AP Latin
<b>STUB0660 JAPANESE</b>	
160331	Japanese 1
160332	Japanese 2
160333	Japanese 3
160334	Japanese 4
160335	Japanese 5
160336	Foreign Language Contract, Japanese
<b>STUB0670 MANDARIN/CANTONESE</b>	
160311	Cantonese 1
160312	Cantonese 2
160313	Cantonese 3
160314	Cantonese 4
160321	Mandarin 1
160322	Mandarin 2
160323	Mandarin 3
160324	Mandarin 4
160325	Mandarin 5

CSSC CODE	TITLE
<b>STUB0680 RUSSIAN</b>	
160421	Russian 1
160422	Russian 2
160423	Russian 3
160424	Russian 4
160425	Russian 5
160426	Russian 6
<b>STUB0690 FOREIGN LANGUAGE - OTHER</b>	
160125	Transitional English
160200	African (Non-Semitic) Languages, Other
160211	Swahili 1
160212	Swahili 2
160221	Amharic 1 (Ethiopian)
160222	Amharic 2 (Ethiopian)
160300	Asiatic Languages, Other
160341	Hawaiian 1
160342	Hawaiian 2
160343	Hawaiian 3
160344	Hawaiian 4
160345	Hawaiian Language and Culture
160351	Korean 1
160352	Korean 2
160353	Korean 3
160354	Korean 4
160355	Korean 5
160400	Balto-Slavic Languages, Other
160411	Ukrainian 1
160427	Foreign Language Contract, Russian
160431	Czech 1
160432	Czech 2
160433	Czech 3
160441	Polish 1
160442	Polish 2
160443	Polish 3
160444	Polish 4
160451	Finnish 1
160452	Finnish 2
160453	Finnish 3
160454	Finnish 4
160500	Germanic Languages, Other
160521	Norwegian 1
160522	Norwegian 2
160531	Swedish 1
160532	Swedish 2
160533	Swedish 3
160541	Yiddish 1
160542	Yiddish 2
160543	Yiddish 3
160600	Greek, Other
160611	Modern Greek for Survival
160621	Modern Greek
160622	Modern Greek 2
160623	Modern Greek 3
160624	Modern Greek 4
160631	Classical Greek 1
160632	Classical Greek 2
160633	Classical Greek 3
160634	Classical Greek 4

**FOREIGN LANGUAGES (continued)**

CSSC CODE	TITLE
160700	Indic Languages, Other
160800	Iranian Languages, Other
160900	Italic Languages, Other
160911	Italian 7
160912	Italian 8
160913	Italian 1
160914	Italian 2
160915	Italian 3
160916	Italian 4
160917	Italian, Advanced Placement
160918	Italian Field-Based Experience
160919	Foreign Language Contract, Italian
160925	Foreign Language Contract, Latin
160926	Portuguese 1
160927	Portuguese 2
160928	Portuguese 3
160929	Portuguese 4
160930	Portuguese 5
161000	Native American Languages, Other
161100	Semitic Languages, Other
161111	Hebrew 1
161112	Hebrew 2
161113	Hebrew 3
161114	Hebrew 4
161115	Arabic 1
161116	Arabic 2
161117	Arabic 3
161118	Arabic 4

CSSC CODE	TITLE
161119	Foreign Language Contract - Arabic
161200	Indo-European Languages, Other
161211	Turkish 1
161212	Turkish 2
161300	Non-English Languages for Native Speakers, Other
161311	Spanish for Native Speakers 1
161312	Spanish for Native Speakers 2
161313	Spanish for Native Speakers 3
161314	Spanish for Native Speakers 4
161315	Spanish for Native Speakers 5/Advanced Placement
161321	Portuguese for Native Speakers 1
161322	Portuguese for Native Speakers 2
161323	Portuguese for Native Speakers 3
161324	Portuguese for Native Speakers 4
161331	Italian for Native Speakers 1
161332	Italian for Native Speakers 2
161333	Italian for Native Speakers 3
161341	Japanese for Native Speakers 1
161342	Japanese for Native Speakers 2
161343	Japanese for Native Speakers 3
161344	Japanese for Native Speakers 4
161351	Chinese for Native Speakers 1
161352	Chinese for Native Speakers 2
161353	Chinese for Native Speakers 3
161354	Chinese for Native Speakers 4
169900	Foreign Languages, Other

## COMPUTER-RELATED STUDIES

CSSC CODE	TITLE
<b>STUB0700</b>	<b>COMPUTER-RELATED STUDIES</b>
010161	Agricultural Microprocessing
061200	Management Information Systems, Other
070300	Business Data Processing and Related Programs, Other
070311	Computers in Business
070321	Business Data Processing 1
070322	Business Data Processing 2
070331	Business Computer Programming 1
070332	Business Computer Programming 2
070341	Key Punch Operator
070351	Data Entry Operator 1
070352	Data Entry Operator 2
070361	Keyboarding
070371	Peripheral Computer Operator
070641	Word Processing 1
070642	Word Processing 2
070643	Word Processing 3
110100	Computer and Information Sciences, Other General
110111	Computer Appreciation
110121	Computer Mathematics 1
110122	Computer Mathematics 2
110131	Computer Applications
110132	Computer Applications, Independent Study
110141	Computer Science, Advanced Placement
110142	IB Computer Science
110143	AP Computer Science A
110144	AP Computer Science AB
110151	Artificial Intelligence
110161	Desktop Computer Application Suites
110200	Computer Programming, Other
110211	Computer Programming 1
110212	Computer Programming 2
110213	Computer Programming 3
110221	FORTRAN, Introduction
110231	PASCAL, Introduction
110232	Advanced PASCAL
110241	BASIC, Introduction
110242	Advanced BASIC
110251	COBOL, Introduction
110252	Advanced COBOL
110261	LOGO, Introduction
110271	RPG Programming, Introduction
110272	C Programming
110273	C++ Programming
110300	Data Processing, Other
110311	Data Processing, Introduction
110312	Data Processing, Intermediate
110313	Data Processing, Advanced
110321	Computer Programming - Cooperative Education
110400	Information Sciences and Systems, Other
110500	Systems Analysis, Other
110601	HTML
110602	Java, JavaScript
110603	Web Site Design, Development
110604	Network Administration/Management

CSSC CODE	TITLE
119900	Computer and Information Sciences, Other
150431	Computer-Assisted Design/Drafting (CAD)
210127	Intro to Technology
480222	Graphic Arts 2
480223	Graphic Arts 3
480224	Graphic Arts 4
500811	Computer Graphics Design
<b>STUB0710</b>	<b>CLERICAL AND DATA ENTRY</b>
070300	Business Data Processing and Related Programs, Other
070311	Computers in Business
070321	Business Data Processing 1
070322	Business Data Processing 2
070331	Business Computer Programming 1
070332	Business Computer Programming 2
070341	Key Punch Operator
070351	Data Entry Operator 1
070352	Data Entry Operator 2
070361	Keyboarding
070371	Peripheral Computer Operator
070641	Word Processing 1
070642	Word Processing 2
070643	Word Processing 3
110300	Data Processing, Other
110311	Data Processing, Introduction
110312	Data Processing, Intermediate
110313	Data Processing, Advanced
110321	Computer Programming - Cooperative Education
<b>STUB0720</b>	<b>COMPUTER APPLICATIONS</b>
010161	Agricultural Microprocessing
061200	Management Information Systems, Other
110152	Multimedia Computer Applications
110161	Desktop Computer Application Suites
150431	Computer-Assisted Design/Drafting (CAD)
210127	Intro to Technology
480222	Graphic Arts 2
480223	Graphic Arts 3
480224	Graphic Arts 4
500811	Computer Graphics Design
<b>STUB0730</b>	<b>COMPUTER SCIENCE</b>
110100	Computer and Information Sciences, Other General
110111	Computer Appreciation
110121	Computer Mathematics 1
110122	Computer Mathematics 2
110131	Computer Applications
110132	Computer Applications, Independent Study
110141	Computer Science, Advanced Placement
110142	IB Computer Science
110143	AP Computer Science A
110144	AP Computer Science AB
110151	Artificial Intelligence
110152	Multimedia Computer Applications
110161	Desktop Computer Application Suites
110200	Computer Programming, Other
110211	Computer Programming 1
110212	Computer Programming 2
110213	Computer Programming 3
110221	FORTRAN, Introduction

## CONSUMER AND HOMEMAKING EDUCATION

CSSC CODE	TITLE
110231	PASCAL, Introduction
110232	Advanced PASCAL
110241	BASIC, Introduction
110242	Advanced BASIC
110251	COBOL, Introduction
110252	Advanced COBOL
110261	LOGO, Introduction
110271	RPG Programming, Introduction
110272	C Programming
110273	C++ Programming
110400	Information Sciences and Systems, Other
110500	Systems Analysis, Other
110601	HTML
110602	Java, JavaScript
110603	Web Site Design, Development
110604	Network Administration/Management
119900	Computer and Information Sciences, Other
<b>STUB0800</b>	<b>CONSUMER AND HOMEMAKING EDUCATION</b>
190100	Home Economics, Other General
190200	Business Home Economics, Other
190300	Family and Community Services, Other
190400	Family/Consumer Resource Management, Other
190500	Food Sciences and Human Nutrition, Other
190600	Human Environment and Housing, Other
190700	Individual and Family Development, Other
190800	International/Comparative Home Economics, Other
190900	Textiles and Clothing, Other
199900	Home Economics, Other
200100	Consumer and Homemaking Home Economics, Other
200111	Home Economics 7
200112	Home Economics 8
200113	Home Economics 1
200114	Home Economics 2
200115	Home Economics 3
200116	Home Economics 4
200117	Adult Roles and Functions
200118	Comprehensive Consumer and Homemaking Home Economics, Independent
200121	Child Development 8

CSSC CODE	TITLE
200122	Child Development 1
200123	Child Development 2
200124	Child Development 3
200125	Child Development 4
200131	Clothing 7
200132	Clothing 8
200133	Clothing 1
200134	Clothing 2
200135	Clothing 3
200136	Clothing 4
200137	Tailoring
200141	Consumer Education
200142	Consumer Education 2
200153	Home Economics Laboratory Assistant
200154	Home Economics Leadership
200161	Family Health 1
200162	Family Health 2
200171	Family Relations
200172	Marriage, Society, and Change
200173	Parenthood
200181	Foods and Nutrition 7
200182	Foods and Nutrition 8
200183	Foods 1
200184	Foods 2
200185	Foods 3
200186	Foods 4
200187	International Foods
200188	Nutrition
200191	Home Management 1
200192	Home Management 2
554011	General Home Economics 1
554021	General Home Economics 2
554031	General Home Economics 3
554111	Child Development 1
554121	Child Development 2
554211	Clothing and Textiles 1
554221	Clothing and Textiles 2
554311	Food and Nutrition 1
554321	Food and Nutrition 2
554511	Home Economics Work Experience 1
554521	Home Economics Work Experience 2

## GENERAL LABOR MARKET PREPARATION

CSSC CODE	TITLE
<b>STUB0900 GENERAL LABOR MARKET PREPARATION</b>	
010151	Agricultural Mathematics
060511	Business Economics
070171	Business Mathematics 1
070172	Business Mathematics 2
070411	Business English 1
070412	Business English 2
070711	Typewriting 1
070721	Typewriting, Personal
080321	Junior Achievement
170651	Nurse's Mathematics
210100	Industrial Arts, Other
210101	Industrial Arts 7
210102	Industrial Arts 8
210103	Industrial Arts 1
210104	Industrial Arts 2
210105	Industrial Arts 3
210106	Industrial Arts 4
210107	Industry and Technology
210108	Industrial Production
210109	Industrial Occupations 1
210119	Electricity and Electronics, Introduction
230156	Vocational English
320102	Career Preparation
320103	Career Exploration
320104	Work Experience
320105	Work Experience, Advanced
510101	Executive Internship
510102	Executive Internship 2
510103	International Careers Internship
550101	Career Exploration
550109	Career Exploration, Not for Credit
550201	General Work-Study/Experience
550209	General Work-Study/Experience, Not for Credit
550301	General Work Experience
550309	General Work Experience, Not for Credit
550401	Combined Vocational/Academic Preparation
550409	Combined Vocational/Academic Preparation, Not for Credit
551001	General Pre-vocational Preparation
551009	General Pre-vocational Preparation, Not for Credit
551411	Agricultural Work Study
552211	Business Word Study 1
552221	Business Work Study 2
553111	Health Occupations Work Study 1
553121	Health Occupations Work Study 2
554411	Home Economics Work Study 1
554421	Home Economics Work Study 2
555011	General Industrial Arts 1
555021	General Industrial Arts 2
555031	General Industrial Arts 3
556511	Service Occupations Work Study 1
556521	Service Occupations Work Study 2
557411	Precision Production Work Study 1

CSSC CODE	TITLE
557421	Precision Production Work Study 2
558411	Construction Trades Work Study 1
558421	Construction Trades Work Study 2
563201	Resource Career Exploration/Prevocational Skills
563209	Resource Career Exploration/Prevocational Skill, Not for Credit
563211	Resource Transition Skills
563219	Resource Transition Skills, Not for Credit
<b>STUB0910 TYPEWRITING 1</b>	
070711	Typewriting 1
070721	Typewriting, Personal
<b>STUB0920 INTRODUCTORY INDUSTRIAL</b>	
210100	Industrial Arts, Other
210101	Industrial Arts 7
210102	Industrial Arts 8
210103	Industrial Arts 1
210104	Industrial Arts 2
210105	Industrial Arts 3
210106	Industrial Arts 4
210107	Industry and Technology
210108	Industrial Production
210109	Industrial Occupations 1
210119	Electricity and Electronics, Introduction
<b>STUB0930 WORK EXPERIENCE/CAREER EXPLORATION</b>	
080321	Junior Achievement
320102	Career Preparation
320103	Career Exploration
320104	Work Experience
320105	Work Experience, Advanced
510101	Executive Internship
510102	Executive Internship 2
510103	International Careers Internship
550101	Career Exploration
550109	Career Exploration, Not for Credit
550201	General Work-Study/Experience
550209	General Work-Study/Experience, Not for Credit
550301	General Work Experience
550309	General Work Experience, Not for Credit
550401	Combined Vocational/Academic Preparation
550409	Combined Vocational/Academic Preparation, Not for Credit
551001	General Prevocational Preparation
551009	General Prevocational Preparation, Not for Credit
551411	Agricultural Work Study
552211	Business Word Study 1
552221	Business Work Study 2
553111	Health Occupations Work Study 1
553121	Health Occupations Work Study 2
554411	Home Economics Work Study 1
554421	Home Economics Work Study 2
555011	General Industrial Arts 1
555021	General Industrial Arts 2
555031	General Industrial Arts 3
556511	Service Occupations Work Study 1
556521	Service Occupations Work Study 2

**GENERAL LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
557411	Precision Production Work Study 1
557421	Precision Production Work Study 2
558411	Construction Trades Work Study 1
558421	Construction Trades Work Study 2
563201	Resource Career Exploration/Prevocational Skills
563209	Resource Career Exploration/Prevocational Skills, Not for Credit
563211	Resource Transition Skills
563219	Resource Transition Skills, Not for Credit

CSSC CODE	TITLE
<b>STUB0940</b>	<b>GENERAL LABOR MARKET SKILLS</b>
010151	Agricultural Mathematics
060511	Business Economics
070171	Business Mathematics 1
070172	Business Mathematics 2
070411	Business English 1
070412	Business English 2
170651	Nurse's Mathematics
230156	Vocational English



## SPECIFIC LABOR MARKET PREPARATION

CSSC CODE	TITLE
<b>STUB1000</b>	<b>SPECIFIC LABOR MARKET PREPARATION</b>
010100	Agricultural Business and Management, Other
010111	Agribusiness, Introduction
010121	Agricultural Business Operation
010131	Farm and Ranch Management
010141	State and Community Agriculture
010161	Agricultural Microprocessing
010171	Agriculture Cooperatives
010172	Agricultural Cooperative Education II
010181	Agriculture, Independent Study
010182	SOEP - Supervised Occupational Experience Program
010200	Agricultural Mechanics, Other
010211	Agricultural Mechanics, General
010212	Agricultural Mechanics 2
010213	Agricultural Mechanics 3
010214	Agricultural Mechanics 4
010221	Welding, Agricultural
010231	Power and Machinery, Agricultural
010241	Farm Construction
010251	Electricity and Electronics, Agricultural
010261	Soil and Water Mechanical Practices
010271	Surveying, Agricultural
010300	Agricultural Production, Other
010311	Agricultural Production, General
010312	Agriculture Technology 1
010313	Agriculture Technology 2
010321	Animal Production
010331	Crop Production
010400	Agricultural Products and Processing, Other
010411	Agricultural Products and Processing I
010412	Agricultural Products and Processing II
010421	Agricultural Products and Processing
010500	Agricultural Services and Supplies, Other
010511	Agricultural Supplies Marketing
010521	Animal Grooming
010600	Horticulture, Other
010611	Horticulture
010621	Floriculture
010631	Landscaping
010632	Landscaping, Advanced
010641	Greenhouse Management
010651	Nursery Operations and Management
010661	Horticulture Power Equipment Operation and Maintenance
010662	Horticultural Mechanics II
010671	Turf Management
010681	Fruit and Vegetable Production
010700	International Agriculture, Other
011421	Agricultural Products, Cooperative Education
019900	Agribusiness and Agricultural Production, Other
020100	Agricultural Sciences, Other General
020111	Agricultural Sciences, General
020121	Agricultural Occupations 1
020122	Agricultural Occupations 2

CSSC CODE	TITLE
020123	Agricultural Occupations 3
020124	Agricultural Occupations 4
020200	Animal Sciences, Other
020211	Animal Sciences 1
020212	Animal Sciences 2
020221	Livestock 9
020222	Livestock 10
020231	Poultry
020241	Dairy Production
020251	Nutrition and Feeds
020261	Horse Production
020262	Horseshoeing/Farrier Training
020271	Small Animal Production 1
020272	Small Animal Production 2
020281	Fish Production
020300	Food Sciences, Other
020400	Plant Sciences, Other
020411	Agronomy
020421	Ornamental Horticulture 1
020422	Ornamental Horticulture 2
020423	Ornamental Horticulture 3
020500	Soil Sciences, Other
020511	Soil Sciences, General
020521	Fertilizers and Chemicals
029900	Agricultural Sciences, Other
030100	Renewable Natural Resources, Other General
030200	Conservation and Regulation, Other
030211	Conservation and Regulation
030212	Environmental Management 1
030213	Environmental Management 2
030221	Environmental Management - Cooperative
030300	Fishing and Fisheries, Other
030311	Waterman Occupations
030400	Forestry Production and Processing, Other
030500	Forestry and Related Sciences, Other
030511	Forestry Science 1
030512	Forestry Science 2
030521	Forestry Occupations - Work Experience
030600	Wildlife Management, Other
030611	Wildlife Management
030621	Rural Recreation
030700	Marine Management and Oceanography, Other
030711	Marine Management/Oceanography 1
030712	Marine Management/Oceanography 2
039900	Renewable Natural Resources, Other
040100	Architecture and Environmental Design, Other
040200	Architecture, Other
040211	Architecture, Introduction
040212	Architecture, Advanced
040221	Architectural Theory
040300	City, Community, and Regional Planning, Other
040400	Environmental Design, Other
040500	Interior Design, Other
040511	Interior Design
040600	Landscape Architecture, Other
040700	Urban Design, Other

## SPECIFIC LABOR MARKET PREPARATION (continued)

CSSC CODE	TITLE
049900	Architecture and Environmental Design, Other
060100	Business and Management, Other General
060111	Business Introduction
060121	Business Law
060131	Business, Independent Study
060141	Business Education, Cooperative
060200	Accounting, Other
060211	Accounting/Business Management Careers
060300	Banking and Finance, Other
060311	Financial Careers
060321	Real Estate Finance
060331	Consumer Lending
060400	Business Administration and Management, Other
060411	Business Organization and Management
060500	Business Economics, Other
060600	Human Resources Development, Other
060700	Institutional Management, Other
060711	Hotel and Motel Management
060712	Hotel and Motel Training
060800	Insurance and Risk Management, Other
060811	Insurance Careers
060900	International Business Management, Other
061000	Investments and Securities, Other
061011	Investments and Taxation
061100	Labor Industrial Relations, Other
061200	Management Information Systems, Other
061300	Management Science, Other
061400	Marketing Management and Research, Other
061411	Marketing Management and Decision Making
061500	Organizational Behavior, Other
061600	Personnel Management, Other
061700	Real Estate, Other
061711	Real Estate Marketing
061800	Small Business Management and Ownership, Other
061811	Small Business Management
061900	Taxation, Other
062000	Trade and Industrial Supervision and Management, Other
069900	Business and Management, Other
070100	Accounting, Bookkeeping, and Related Programs
070111	Bookkeeping 1
070112	Bookkeeping 2
070121	Accounting 1
070122	Accounting 2
070131	Accounting, College
070141	Bookkeeping and Accounting 1
070142	Bookkeeping and Accounting 2
070151	Recordkeeping 1
070152	Recordkeeping 2
070161	Office Machines
070162	Office Machines, Vocational
070200	Banking and Related Financial Programs, Other
070201	Banking and Financial Careers
070211	Bank Teller
070221	Financial Mathematics

CSSC CODE	TITLE
070231	Bank Proof Operator
070241	Bank Data Entry Occupations
070251	Banking and Financial Careers - Cooperative
070300	Business Data Processing and Related Programs, Other
070311	Computers in Business
070321	Business Data Processing 1
070322	Business Data Processing 2
070331	Business Computer Programming 1
070332	Business Computer Programming 2
070341	Key Punch Operator
070351	Data Entry Operator 1
070352	Data Entry Operator 2
070361	Keyboarding
070371	Peripheral Computer Operator
070400	Office Supervision and Management, Other
070413	Business English 3
070414	Business English 4
070500	Personnel and Training Programs, Other
070600	Secretarial and Related Programs, Other
070611	Shorthand 1
070612	Shorthand 2
070621	Transcription
070631	Secretarial Administration 1
070632	Secretarial Administration 2
070641	Word Processing 1
070642	Word Processing 2
070643	Word Processing 3
070651	Reprographics
070661	Legal Office Procedures
070662	Court Reporter
070671	Medical Office Procedures
070681	Legal/Medical Office Procedures
070700	Typing, General Office, and Related Programs, Other
070712	Typewriting 2
070713	Typewriting 3
070731	Office Procedures 1
070732	Office Procedures 2
070733	Simulated Office
070741	Office Education 1, Cooperative
070742	Office Education 2, Cooperative
079900	Business and Office, Other
080100	Apparel and Accessories Marketing, Other
080111	Fashion Merchandising
080121	Fashion Design and Illustration
080131	Fashion Merchandising - Cooperative
080132	Fashion Merchandising - Cooperative
080200	Business and Personal Services Marketing, Other
080300	Entrepreneurship, Other
080311	Starting Your Own Business
080400	Financial Services Marketing, Other
080500	Floristry, Farm and Garden Supplies Marketing, Other
080511	Floral Sales
080600	Food Marketing, Other

## SPECIFIC LABOR MARKET PREPARATION (continued)

CSSC CODE	TITLE
080611	Food Marketing/Distribution - Overview
080612	Grocery Management
080621	Food Marketing - Cooperative Education 1
080622	Food Marketing - Cooperative Education 2
080700	General Marketing, Other
080711	Distributive Education 1
080712	Distributive Education 2
080713	Distributive Education 3
080721	Distributive Education 1, Cooperative
080722	Distributive Education 2, Cooperative
080731	Salesmanship
080741	Retail Learning Laboratory
080751	Cashier Checker Training
080761	Warehousing Industrial and Wholesale Material
080771	Distributive Education, Independent Study
080781	Telephone Service Representative
080782	Telephone Directory Assistant
080800	Home and Office Products Marketing, Other
080811	Computer Sales Representative
080900	Hospitality and Recreation Marketing, Other
080911	Orientation to Hospitality Careers
080921	Hospitality Sales 1
080922	Hospitality Sales 2
081000	Insurance Marketing, Other
081100	Transportation and Travel Marketing, Other
081111	Tourism Services
081121	Entertainment Park/Tourism - Cooperative
081200	Vehicles and Petroleum Marketing, Other
081211	Auto Parts Merchandising
081221	Automotive Professional Training
089900	Marketing and Distribution, Other
090200	Advertising, Other
090211	Advertising
090600	Radio/Television News Broadcast, Other
090611	Broadcast Journalism
090612	Careers in Radio/Television Broadcasting
090700	Radio/Television, Other General
090711	Broadcasting, Introduction
090831	Cryptography
100100	Communication Technologies, Other
100111	World of Communications
100121	Communications Media Production
100131	Photography, Commercial
100132	Photography, Advanced Commercial
100141	Broadcast Management 1
100142	Broadcast Management 2
100143	Broadcasting Practicum
100151	Film Making and Production 1
100152	Film Making and Production 2
100161	Radio Production
100171	Television Production 1
100172	Television Production 2
100173	Television Production 3
100174	Television Production 4
100181	Cable Television
100191	Radio/Television Production 1
100192	Radio/Television Production 2
110100	Computer and Information Sciences, Other General

CSSC CODE	TITLE
110131	Computer Applications
110132	Computer Applications, Independent Study
110141	Computer Science, Advanced Placement
110142	IB Computer Science
110143	AP Computer Science A
110144	AP Computer Science AB
110151	Artificial Intelligence
110152	Multimedia Computer Applications
110161	Desktop Computer Application Suites
110200	Computer Programming, Other
110211	Computer Programming 1
110212	Computer Programming 2
110213	Computer Programming 3
110221	FORTRAN, Introduction
110231	PASCAL, Introduction
110232	Advanced PASCAL
110241	BASIC, Introduction
110242	Advanced BASIC
110251	COBOL, Introduction
110252	Advanced COBOL
110261	LOGO, Introduction
110271	RPG Programming, Introduction
110272	C Programming
110273	C++ Programming
110300	Data Processing, Other
110311	Data Processing, Introduction
110312	Data Processing, Intermediate
110313	Data Processing, Advanced
110321	Computer Programming - Cooperative Education
110601	HTML
110602	Java, JavaScript
110603	Web Site Design, Development
110604	Network Administration/Management
120100	Drycleaning and Laundering Services, Other
120111	Drycleaning 1
120112	Drycleaning 2
120300	Funeral Services, Other
120400	Personal Services, Other
120411	Cosmetology
120412	Cosmetology 2
120413	Cosmetology 3
120414	Cosmetology - Cooperative Education 2
120415	Cosmetology - Cooperative Education 2
120421	Barbering 1
120422	Barbering 2
120423	Barbering 3
120431	Personal Services Occupations
120511	General Services Occupations 1
120512	General Services Occupations 2
120513	General Services Occupations 3
120521	Building and Grounds Maintenance Occupations 1
120522	Building and Grounds Maintenance Occupations 2
120523	Building and Grounds Maintenance Occupations 3
120531	Industrial Maintenance/Mechanics 1
120532	Industrial Maintenance/Mechanics 2
129900	Consumer, Personal, and Miscellaneous Services, Other
150100	Architectural Technologies, Other
150111	Structural Engineering Technician

## SPECIFIC LABOR MARKET PREPARATION (continued)

CSSC CODE	TITLE
150200	Civil Technologies, Other
150211	Surveying
150221	Civil Engineering Technician
150300	Electrical and Electronic Technologies, Other
150311	Audio Electronics
150321	Electrical Technology
150331	Electronic Technology 1
150332	Electronic Technology 2
150333	Electronics Fabrication
150341	Electrical/Electronics Engineering Technician
150400	Electromechanical Instrumentation and Maintenance
150411	Electromechanical Technology 1
150412	Electromechanical Technology 2
150421	Instrumentation Technology
150431	Computer-Assisted Design/Drafting (CAD)
150500	Environmental Control Technologies
150511	Environmental Control Technologies, Other
150600	Industrial Production Technologies, Other
150601	Industrial Research and Development
150611	Industrial Production Technology 1
150612	Industrial Production Technology 2
150621	Chemical Manufacturing Technology
150631	Optics Technology
150700	Quality Control and Safety Technologies, Other
150711	Quality Control Technology
150800	Mechanical and Related Technologies, Other
150811	Automotive Design and Technology
150821	Mechanical Engineering Technology
150900	Mining and Petroleum Technologies, Other
150911	Mining Technology
150921	Petroleum Technology
159900	Engineering and Engineering-Related Technologies, Other
170100	Dental Services, Other
170111	Dental Assistant 1
170112	Dental Assistant 2
170121	Dental Assistant, Cooperative
170131	Dental Technology 1
170132	Dental Technology 2
170200	Diagnostic and Treatment Services, Other
170211	First Aid
170221	EKG Technician
170300	Medical Laboratory Technologies, Other
170311	Laboratory Program 1
170312	Laboratory Program 2
170321	Chemical Technology 1
170322	Chemical Technology 2
170400	Mental Health/Human Services, Other
170411	Home Health Aide
170421	Community Health
170431	Mental Health Worker
170500	Miscellaneous Allied Health Services, Other
170511	Health Occupations 1
170521	Health Occupations 2
170522	Central Service Technician
170531	Medical Terminology
170541	Medical Records Secretary
170551	Medical Assisting

CSSC CODE	TITLE
170571	Veterinary Science
170581	Chemistry for Health Science
170591	Health Occupations, Independent Study
170592	Health Occupations - Cooperative Education 1
170593	Health Occupations - Cooperative Education 2
170600	Nursing-Related Services, Other
170611	Student Assessment of Child Health
170621	Nursing, Practical
170631	Nurse's Aide and Orderly
170641	Nurse's Aide, Cooperative
170700	Ophthalmic Services, Other
170711	Optical Services Assistant
170800	Rehabilitation Services, Other
179900	Allied Health, Other
180100	Audiology and Speech Pathology, Other
180200	Basic Clinical Health Sciences, Other
180300	Chiropractic, Other
180400	Dentistry, Other
180500	Emergency/Disaster Science, Other
180600	Epidemiology, Other
180700	Health Sciences Administration, Other
180800	Hematology, Other
180900	Medical Laboratory, Other
181000	Medicine, Other
181100	Nursing, Other
181200	Optometry, Other
181300	Osteopathic Medicine, Other
181400	Pharmacy, Other
181411	Pharmacy Technician
181500	Podiatry, Other
181600	Population and Family Planning, Other
181700	Pre-Dentistry, Other
181800	Pre-Medicine, Other
181801	Medical Ethics
181900	Pre-Pharmacy, Other
182000	Pre-Veterinary, Other
182100	Prosecutorial Science, Other
182200	Public Health Laboratory Science, Other
182300	Toxicology (Clinical), Other
182400	Veterinary Medicine, Other
182501	Bio-Medical Technology (General)
189900	Health Sciences, Other
200126	Current Issues in Child Development
200151	Home Economics Occupations 1, Exploratory
200152	Home Economics Occupations 2, Exploratory
200193	Home Economics - Cooperative Education 1
200194	Home Economics - Cooperative Education 2
200200	Child Care and Guidance Management and Services, Other
200211	Child Care Services
200221	Child Care Aide
200231	Child Care Management
200241	Foster Care and Family Care
200251	Teacher Aide/Elementary
200252	Teacher Aide/Secondary
200261	Child Care - Cooperative Education 1
200262	Child Care - Cooperative Education 2
200300	Clothing, Apparel, and Textiles Management, Production, and Services

**SPECIFIC LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
200311	Clothing Occupations 1
200312	Clothing Occupations 2
200313	Clothing Occupations 3
200314	Clothing Occupations - Cooperative Education I
200315	Clothing Occupations - Cooperative Education 2
200321	Clothing Maintenance Aide
200331	Commercial Garment and Apparel Construction
200341	Custom Apparel Construction
200351	Custom Tailoring and Alteration
200361	Wedding and Specialty Consulting
200371	Fashion and Fabric Coordination
200381	Textiles Testing
200391	Clothing Production Management
200400	Food Production, Management and Services, Other
200411	Food Service Training
200412	Food Service Training 2
200413	Food Services/Restaurant Management
200421	Food Service Cooperative Training
200431	Baking
200441	Chef
200451	Catering
200461	Dietetic Aide
200471	Food Testing
200481	School Food Service
200500	Home Furnishings and Equipment Management, Production, and Services
200511	Housing and Interior Design 1
200512	Housing and Interior Design 2
200513	Interior Design Occupations
200521	Floral Design
200531	Home Decorating
200541	Home Furnishings Aide
200551	Custom Drapery and Window Treatment Design
200561	Custom Slipcovering and Upholstering
200571	Home-Service Assisting 1
200572	Home Service Assisting 2
200573	Home Service Asst - Cooperative Education 1
200574	Home Service Asst - Cooperative Education 2
200600	Institutional, Home Management, and Supporting Services
200611	Custodial Services
200621	Executive Housekeeping
200631	Homemaker's Aide
200641	Companion to the Aged
200642	Geriatrics 2
200643	Geriatrics - Cooperative Education 1
200644	Geriatrics - Cooperative Education 2
200651	Consumer Aide
200661	Therapeutic Recreation Aide
200671	Institutional, Home Management Support Services -- Cooperative Ed
209900	Vocational Home Economics, Other
210110	Industrial Occupations 2
210111	Industrial Cooperative Work Experience

CSSC CODE	TITLE
210112	Industrial Cooperative Work Experience, Advanced
210113	Electricity 1
210114	Electricity 2
210115	Electronics 1
210116	Electronics 2
210117	Electronics 3
210118	Electronics 4
210120	Electricity and Electronics, Advanced
210121	Machine Shop 1
210122	Machine Shop 2
210123	Machine Shop 3
210124	Machine Shop 4
210125	Industrial Education Management Trainee
210126	Industrial Arts Research
210127	Intro to Technology
210130	Electricity - Cooperative Education 1
210131	Electricity - Cooperative Education 2
210140	Electronics - Cooperative Education 1
210141	Electronics - Cooperative Education 2
210150	Electricity/Electronics - Cooperative
210151	Electricity/Electronics - Cooperative
250100	Library and Archival Sciences, Other General
250111	Library Science
250200	Archival Science, Other
250300	Library Assisting, Other
250311	Library Assistant
250400	Library Science, Other
250500	Museology, Other
259900	Library and Archival Sciences, Other
310100	Parks and Recreation, Other General
310211	Winter/Ski Resort Operation
310300	Parks and Recreation Management, Other
310400	Water Resources, Other
319900	Parks and Recreation, Other
320106	Cooperative Education 1
320107	Cooperative Education 2
320120	Test Taking, General (changed to 451033)
320121	Off-Campus Vo Tech Training - Unspecified
320131	C.V.A.E.
410100	Biological Technologies, Other
410200	Nuclear Technologies, Other
410300	Physical Science Technologies, Other
419900	Science Technologies, Other
430300	International Public Service, Other
430311	Security Guard
460100	Brickmasonry, Stonemasonry, and Tile Setting, Other
460111	Masonry 1
460112	Masonry 2
460113	Masonry 3
460121	Tile Setting and Plastering
460131	Concrete Technician
460200	Carpentry, Other
460211	Carpentry 1

**SPECIFIC LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
460212	Carpentry 2
460213	Carpentry 3
460300	Electrical and Power Transmission Installation, Other
460311	Housewiring 1
460312	Housewiring 2
460321	Electric Power and Communications Lineworker
460400	Miscellaneous Construction Trades, Other
460411	Building Construction 1
460412	Building Construction 2
460413	Building Construction 3
460421	Painting and Decorating
460422	Flooring Installation
460431	Building Maintenance
460432	Building Maintenance 2
460441	Home Maintenance and Repair
460451	Building Construction - Cooperative Education 1
460452	Building Construction - Cooperative Education 2
460500	Plumbing, Pipefitting, and Steamfitting, Other
460511	Plumbing 1
460512	Plumbing 2
469900	Construction Trades, Other
470100	Electrical and Electronics Equipment Repair, Other
470111	Small Appliance Repair
470121	Radio and TV Repair 1
470122	Radio and TV Repair 2
470123	Radio and TV Repair 3
470124	Telecommunications Technician
470131	Appliance Repair 1
470132	Appliance Repair 2
470141	Vending Machine Repair
470151	Business Machine Repair
470161	Industrial Electricity
470171	Industrial Electronics
470181	Food Processing Machine Maintenance Technician
470200	Heating, Air Conditioning, and Refrigeration
470211	Air Conditioning, Refrigeration, and Heating
470212	Air Conditioning, Refrigeration, and Heating, Advanced
470213	Air Conditioning, Refrigeration, and Heating 3
470300	Industrial Equipment Maintenance and Repair, Other
470311	Industrial Mechanics 1
470312	Industrial Mechanics 2
470321	Diesel Mechanics
470331	Industrial Maintenance Mechanics 1
470332	Industrial Maintenance Mechanics 2
470341	Petroleum Drilling Equipment Operation 1
470342	Petroleum Drilling Equipment Operation 2
470343	Petroleum Drilling Equipment Operation 3
470400	Miscellaneous Mechanics and Repairers, Other
470411	Musical Instrument Repair
470421	Instrument Maintenance and Repair

CSSC CODE	TITLE
470431	Shoe Repair and Orthopedics 1
470432	Shoe Repair and Orthopedics 2
470433	Watch and Clock Repair (changed to 470441)
470434	Bicycle Repair (changed to 470451)
470441	Watch and Clock Repair
470451	Bicycle Repair
470500	Stationary Energy Sources, Other
470511	Power Mechanics 1
470512	Power Mechanics 2
470513	Power Mechanics 3
470514	Power Mechanics 4
470521	Hydraulics and Pneumatics
470600	Vehicle and Mobile Equipment Mechanics
470611	Small Engine Repair 1
470612	Small Engine Repair 2
470621	Auto Mechanics 1
470622	Auto Mechanics 2
470623	Auto Mechanics 3
470624	Auto Mechanics - Cooperative Education 1
470625	Auto Mechanics - Cooperative Education 2
470631	Auto Body 1
470632	Auto Body 2
470633	Auto Body 3
470641	Auto Service 1
470642	Auto Service 2
470651	Consumer Auto
470661	Airframes 1
470662	Airframes 2
470671	Aviation Powerplant 1
470672	Aviation Powerplant 2
470673	Aviation Powerplant 3
470674	Aviation Powerplant 4
470681	Aviation Quality Control 1
470682	Aviation Quality Control 2
470691	Aircraft Sheetmetal 1
470692	Aircraft Sheetmetal 2
479900	Mechanics and Repairers, Other
480100	Drafting, Other
480111	Mechanical Drawing 1
480112	Mechanical Drawing 2
480113	Mechanical Drawing 3
480114	Mechanical Drawing 4
480121	Architectural Drawing 1
480122	Architectural Drawing 2
480123	Architectural Drawing 3
480124	Architectural Drawing 4
480131	Engineering Drawing 1
480132	Engineering Drawing 2
480141	Blueprint Reading
480151	Drafting 1, Cooperative
480152	Drafting 2, Cooperative
480200	Graphic and Printing Communications, Other
480211	Commercial Art 1
480212	Commercial Art 2
480213	Commercial Art, Cooperative
480214	Commercial Art 3

**SPECIFIC LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
480221	Graphic Arts 1
480222	Graphic Arts 2
480223	Graphic Arts 3
480224	Graphic Arts 4
480231	Sign Painting 1
480232	Sign Painting 2
480233	Sign Painting 3
480241	Bindery
480251	Electronic Composition
480261	Copy Editing
480271	Desktop Publishing
480300	Leatherworking and Upholstering, Other
480311	Leatherwork 1
480312	Leatherwork 2
480321	Upholstery
480322	Upholstery, Advanced
480331	Auto Upholstery
480400	Precision Food Production, Other
480411	Meatcutting 1
480412	Meatcutting 2
480500	Precision Metal Work, Other
480511	Metal 1
480512	Metal 2
480513	Metal 3
480514	Metal 4
480521	Welding 1
480522	Welding 2
480523	Welding 3
480524	Welding - Cooperative Education
480531	Sheet Metal 1
480532	Sheet Metal 2
480541	Metal Restoration
480551	Foundry 1
480552	Foundry 2
480600	Precision Work, Assorted Materials, Other
480611	Plastics 1
480612	Plastics 2
480621	Space Age Plastics
480700	Woodworking, Other
480711	Woodworking 1
480712	Woodworking 2
480713	Woodworking 3
480714	Woodworking 4
480721	Furniture Refinishing
480731	Cabinetmaking 1
480732	Cabinetmaking 2
489900	Precision Production, Other
490100	Air Transportation, Other
490111	Aeronautics 1
490112	Aeronautics 2
490121	Aviation Technology 1
490122	Aviation Technology 2
490123	Aviation Technology 3
490124	Aviation Technology 4
490131	Air Travel Service Occupations
490141	Aircraft Parts Management 1

CSSC CODE	TITLE
490142	Aircraft Parts Management 2
490200	Vehicle and Equipment Operation, Other
490211	Forklift Operator
490212	Tractor-Trailer Truck Driving
490213	Heavy Vehicle Operation/Earth Moving Equipment
490214	Bus Driver/Chauffeur
490300	Water Transportation, Other
490311	Marine Mechanics, Basic
490312	Marine Mechanics, Advanced
490321	Boat Building
490331	Navigation
490341	Aquatic Occupations
490411	Introduction to Transportation Industry
490412	Transportation Technology 2
490421	Transportation/Traffic Technician
499900	Transportation and Material Moving, Other
500400	Design, Other
500411	Graphic Design
500800	Graphic Arts Technology, Other
500811	Computer Graphics Design
550001	General Prevocational Preparation
551011	General Agriculture 1
551021	General Agriculture 2
551031	General Agriculture 3
551111	Animal Care 1
551121	Animal Care 2
551211	Plant Care 1
551221	Plant Care 2
551311	Agricultural Mechanics 1
551321	Agricultural Mechanics 2
551511	Agricultural Work Experience
552011	General Office Practice 1
552021	General Office Practice 2
552031	General Office Practice 3
552111	Office Machines 1
552121	Office Machines 2
552311	Business Work Experience 1
552321	Business Work Experience 2
553011	General Health Occupations 1
553021	General Health Occupations 2
553031	General Health Occupations 3
553211	Health Occupations Work Experience 1
553221	Health Occupations Work Experience 2
556111	Cosmetology/Barber 1
556121	Cosmetology/Barber 2
556211	Custodial and Housekeeping Services 1
556221	Custodial and Housekeeping Services 2
556311	Food Services 1
556321	Food Services 2
556411	Miscellaneous Services 1
556421	Miscellaneous Services 2
556611	Service Occupations Work Experience 1
556621	Service Occupations Work Experience 2
557111	Graphic and Printing Communications 1
557211	Leatherwork and Upholstery 1,

**SPECIFIC LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
557221	Leatherwork and Upholstery 2
557311	Meatcutting 1
557321	Meatcutting 2
557511	Precision Production Work Experience 1
557521	Precision Production Work Experience 2
557812	Graphic and Printing Communications II
558011	General Construction Trades 1
558021	General Construction Trades 2
558031	General Construction Trades 3
558111	Brickmasonry, Stonemasonry, and Tile Setting 1
558121	Brickmasonry, Stonemasonry, and Tile Setting 2
558211	Carpentry 1
558221	Carpentry 2
558311	Plumbing 1
558321	Plumbing 2
558511	Construction Trades Work Experience 1
558521	Construction Trades Work Experience 2
559011	Auto Service 1
559021	Auto Service 2
559111	Auto Service, Work Experience 1
559121	Auto Service, Work Experience 2
<b>STUB1010</b>	<b>AGRICULTURE/RENEWABLE RESOURCES</b>
010100	Agricultural Business and Management, Other
010111	Agribusiness, Introduction
010121	Agricultural Business Operation
010131	Farm and Ranch Management
010141	State and Community Agriculture
010161	Agricultural Microprocessing
010171	Agriculture Cooperatives
010172	Agricultural Cooperative Education II
010181	Agriculture, Independent Study
010182	SOEP - Supervised Occupational Experience Program
010200	Agricultural Mechanics, Other
010211	Agricultural Mechanics, General
010212	Agricultural Mechanics 2
010213	Agricultural Mechanics 3
010214	Agricultural Mechanics 4
010221	Welding, Agricultural
010231	Power and Machinery, Agricultural
010241	Farm Construction
010251	Electricity and Electronics, Agricultural
010261	Soil and Water Mechanical Practices
010271	Surveying, Agricultural
010300	Agricultural Production, Other
010311	Agricultural Production, General
010312	Agriculture Technology 1
010313	Agriculture Technology 2
010321	Animal Production
010331	Crop Production
010400	Agricultural Products and Processing, Other
010411	Agricultural Products and Processing I
010412	Agricultural Products and Processing II
010421	Agricultural Products and Processing

CSSC CODE	TITLE
010500	Agricultural Services and Supplies, Other
010511	Agricultural Supplies Marketing
010521	Animal Grooming
010600	Horticulture, Other
010611	Horticulture
010621	Floriculture
010631	Landscaping
010632	Landscaping, Advanced
010641	Greenhouse Management
010651	Nursery Operations and Management
010661	Horticulture Power Equipment Operation and Maintenance
010662	Horticultural Mechanics II
010671	Turf Management
010681	Fruit and Vegetable Production
010700	International Agriculture, Other
011421	Agricultural Products, Cooperative Education
019900	Agribusiness and Agricultural Production, Other
020100	Agricultural Sciences, Other General
020111	Agricultural Sciences, General
020121	Agricultural Occupations 1
020122	Agricultural Occupations 2
020123	Agricultural Occupations 3
020124	Agricultural Occupations 4
020200	Animal Sciences, Other
020211	Animal Sciences 1
020212	Animal Sciences 2
020221	Livestock 9
020222	Livestock 10
020231	Poultry
020241	Dairy Production
020251	Nutrition and Feeds
020261	Horse Production
020262	Horseshoeing/Farrier Training
020271	Small Animal Production 1
020272	Small Animal Production 2
020281	Fish Production
020300	Food Sciences, Other
020400	Plant Sciences, Other
020411	Agromony
020421	Ornamental Horticulture 1
020422	Ornamental Horticulture 2
020423	Ornamental Horticulture 3
020500	Soil Sciences, Other
020511	Soil Sciences, General
020521	Fertilizers and Chemicals
029900	Agricultural Sciences, Other
030100	Renewable Natural Resources, Other General
030200	Conservation and Regulation, Other
030211	Conservation and Regulation
030212	Environmental Management 1
030213	Environmental Management 2
030221	Environmental Management - Cooperative
030300	Fishing and Fisheries, Other
030311	Waterman Occupations
030400	Forestry Production and Processing, Other



**SPECIFIC LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
030500	Forestry and Related Sciences, Other
030511	Forestry Science 1
030512	Forestry Science 2
030521	Forestry Occupations - Work Experience
030600	Wildlife Management, Other
030611	Wildlife Management
030621	Rural Recreation
030700	Marine Management and Oceanography, Other
030711	Marine Management/Oceanography 1
030712	Marine Management/Oceanography 2
039900	Renewable Natural Resources, Other
170571	Veterinary Science
310100	Parks and Recreation, Other General
310300	Parks and Recreation Management, Other
310400	Water Resources, Other
319900	Parks and Recreation, Other
551011	General Agriculture 1
551021	General Agriculture 2
551031	General Agriculture 3
551111	Animal Care 1
551121	Animal Care 2
551211	Plant Care 1
551221	Plant Care 2
551311	Agricultural Mechanics 1
551321	Agricultural Mechanics 2
551511	Agricultural Work Experience
<b>STUB1020</b>	<b>BUSINESS</b>
060100	Business and Management, Other General
060111	Business Introduction
060121	Business Law
060131	Business, Independent Study
060141	Business Education, Cooperative
060200	Accounting, Other
060211	Accounting/Business Management Careers
060300	Banking and Finance, Other
060311	Financial Careers
060321	Real Estate Finance
060331	Consumer Lending
060400	Business Administration and Management, Other
060411	Business Organization and Management
060500	Business Economics, Other
060600	Human Resources Development, Other
060711	Hotel and Motel Management
060712	Hotel and Motel Training
060900	International Business Management, Other
061000	Investments and Securities, Other
061011	Investments and Taxation
061100	Labor Industrial Relations, Other
061200	Management Information Systems, Other
061300	Management Science, Other
061500	Organizational Behavior, Other
061600	Personnel Management, Other
061800	Small Business Management and Ownership, Other
061811	Small Business Management
061900	Taxation, Other

CSSC CODE	TITLE
062000	Trade and Industrial Supervision and Management, Other
069900	Business and Management, Other
070100	Accounting, Bookkeeping, and Related Programs
070111	Bookkeeping 1
070112	Bookkeeping 2
070121	Accounting 1
070122	Accounting 2
070131	Accounting, College
070141	Bookkeeping and Accounting 1
070142	Bookkeeping and Accounting 2
070151	Recordkeeping 1
070152	Recordkeeping 2
070161	Office Machines
070162	Office Machines, Vocational
070200	Banking and Related Financial Programs, Other
070201	Banking and Financial Careers
070211	Bank Teller
070221	Financial Mathematics
070231	Bank Proof Operator
070241	Bank Data Entry Occupations
070251	Banking and Financial Careers - Cooperative
070300	Business Data Processing and Related Programs, Other
070311	Computers in Business
070321	Business Data Processing 1
070322	Business Data Processing 2
070331	Business Computer Programming 1
070332	Business Computer Programming 2
070341	Key Punch Operator
070351	Data Entry Operator 1
070352	Data Entry Operator 2
070361	Keyboarding
070371	Peripheral Computer Operator
070400	Office Supervision and Management, Other
070413	Business English 3
070414	Business English 4
070500	Personnel and Training Programs, Other
070600	Secretarial and Related Programs, Other
070611	Shorthand 1
070612	Shorthand 2
070621	Transcription
070631	Secretarial Administration 1
070632	Secretarial Administration 2
070641	Word Processing 1
070642	Word Processing 2
070643	Word Processing 3
070651	Reprographics
070661	Legal Office Procedures
070662	Court Reporter
070671	Medical Office Procedures
070681	Legal/Medical Office Procedures
070700	Typing, General Office, and Related Programs, Other
070712	Typewriting 2
070713	Typewriting 3

**SPECIFIC LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
070731	Office Procedures 1
070732	Office Procedures 2
070733	Simulated Office
070741	Office Education 1, Cooperative
070742	Office Education 2, Cooperative
079900	Business and Office, Other
080782	Telephone Directory Assistant
170541	Medical Records Secretary
200391	Clothing Production Management
250100	Library and Archival Sciences, Other General
250111	Library Science
250200	Archival Science, Other
250300	Library Assisting, Other
250311	Library Assistant
250400	Library Science, Other
250500	Museology, Other
259900	Library and Archival Sciences, Other
310211	Winter/Ski Resort Operation
430300	International Public Service, Other
430311	Security Guard
552011	General Office Practice 1
552021	General Office Practice 2
552031	General Office Practice 3
552111	Office Machines 1
552121	Office Machines 2
552311	Business Work Experience 1
552321	Business Work Experience 2
<b>STUB1030</b>	<b>MARKETING AND DISTRIBUTION</b>
060700	Institutional Management, Other
060800	Insurance and Risk Management, Other
060811	Insurance Careers
061400	Marketing Management and Research, Other
061411	Marketing Management and Decision Making
061700	Real Estate, Other
061711	Real Estate Marketing
080100	Apparel and Accessories Marketing, Other
080111	Fashion Merchandising
080121	Fashion Design and Illustration
080131	Fashion Merchandising - Cooperative
080132	Fashion Merchandising - Cooperative
080200	Business and Personal Services Marketing, Other
080300	Entrepreneurship, Other
080311	Starting Your Own Business
080400	Financial Services Marketing, Other
080500	Floristry, Farm and Garden Supplies Marketing, Other
080511	Floral Sales
080600	Food Marketing, Other
080611	Food Marketing/Distribution - Overview
080612	Grocery Management
080621	Food Marketing - Cooperative Education 1
080622	Food Marketing - Cooperative Education 2
080700	General Marketing, Other
080711	Distributive Education 1
080712	Distributive Education 2

CSSC CODE	TITLE
080713	Distributive Education 3
080721	Distributive Education 1, Cooperative
080722	Distributive Education 2, Cooperative
080731	Salesmanship
080741	Retail Learning Laboratory
080751	Cashier Checker Training
080761	Warehousing Industrial and Wholesale Material
080771	Distributive Education, Independent Study
080781	Telephone Service Representative
080800	Home and Office Products Marketing, Other
080811	Computer Sales Representative
080900	Hospitality and Recreation Marketing, Other
080911	Orientation to Hospitality Careers
080921	Hospitality Sales 1
080922	Hospitality Sales 2
081000	Insurance Marketing, Other
081100	Transportation and Travel Marketing, Other
081111	Tourism Services
081121	Entertainment Park/Tourism - Cooperative
081200	Vehicles and Petroleum Marketing, Other
081211	Auto Parts Merchandising
081221	Automotive Professional Training
089900	Marketing and Distribution, Other
090200	Advertising, Other
090211	Advertising
<b>STUB1040</b>	<b>HEALTH</b>
170100	Dental Services, Other
170111	Dental Assistant 1
170112	Dental Assistant 2
170121	Dental Assistant, Cooperative
170131	Dental Technology 1
170132	Dental Technology 2
170200	Diagnostic and Treatment Services, Other
170211	First Aid
170221	EKG Technician
170300	Medical Laboratory Technologies, Other
170311	Laboratory Program 1
170312	Laboratory Program 2
170400	Mental Health/Human Services, Other
170411	Home Health Aide
170421	Community Health
170431	Mental Health Worker
170500	Miscellaneous Allied Health Services, Other
170511	Health Occupations 1
170521	Health Occupations 2
170522	Central Service Technician
170531	Medical Terminology
170551	Medical Assisting
170581	Chemistry for Health Science
170591	Health Occupations, Independent Study
170592	Health Occupations - Cooperative Education 1
170593	Health Occupations - Cooperative Education 2
170600	Nursing-Related Services, Other
170611	Student Assessment of Child Health
170621	Nursing, Practical
170631	Nurse's Aide and Orderly

**SPECIFIC LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
170641	Nurse's Aide, Cooperative
170700	Ophthalmic Services, Other
170711	Optical Services Assistant
170800	Rehabilitation Services, Other
179900	Allied Health, Other
180100	Audiology and Speech Pathology, Other
180200	Basic Clinical Health Sciences, Other
180300	Chiropractic, Other
180400	Dentistry, Other
180500	Emergency/Disaster Science, Other
180600	Epidemiology, Other
180700	Health Sciences Administration, Other
180800	Hematology, Other
180900	Medical Laboratory, Other
181000	Medicine, Other
181100	Nursing, Other
181200	Optometry, Other
181300	Osteopathic Medicine, Other
181400	Pharmacy, Other
181411	Pharmacy Technician
181500	Podiatry, Other
181600	Population and Family Planning, Other
181700	Pre-Dentistry, Other
181800	Pre-Medicine, Other
181801	Medical Ethics
181900	Pre-Pharmacy, Other
182000	Pre-Veterinary, Other
182100	Prosecutorial Science, Other
182200	Public Health Laboratory Science, Other
182300	Toxicology (Clinical), Other
182400	Veterinary Medicine, Other
182501	Bio-Medical Technology (General)
189900	Health Sciences, Other
553011	General Health Occupations 1
/553021	General Health Occupations 2
553031	General Health Occupations 3
553211	Health Occupations Work Experience 1
553221	Health Occupations Work Experience 2
<b>STUB1050</b>	<b>OCCUPATIONAL HOME ECONOMICS</b>
040500	Interior Design, Other
040511	Interior Design
120100	Drycleaning and Laundering Services, Other
120111	Drycleaning 1
120112	Drycleaning 2
120300	Funeral Services, Other
120400	Personal Services, Other
120411	Cosmetology
120412	Cosmetology 2
120413	Cosmetology 3
120414	Cosmetology - Cooperative Education 2
120415	Cosmetology - Cooperative Education 2
120421	Barbering 1
120422	Barbering 2
120423	Barbering 3
120431	Personal Services Occupations
120511	General Services Occupations 1

CSSC CODE	TITLE
120512	General Services Occupations 2
120513	General Services Occupations 3
120514	General Services Occupations 4
120521	Building and Grounds Maintenance Occupations 1
120522	Building and Grounds Maintenance Occupations 2
120523	Building and Grounds Maintenance Occupations 3
129900	Consumer, Personal, and Miscellaneous Services, Other
200126	Current Issues in Child Development
200151	Home Economics Occupations 1, Exploratory
200152	Home Economics Occupations 2, Exploratory
200193	Home Economics - Cooperative Education 1
200194	Home Economics - Cooperative Education 2
200200	Child Care and Guidance Management and Services, Other
200211	Child Care Services
200221	Child Care Aide
200231	Child Care Management
200241	Foster Care and Family Care
200251	Teacher Aide/Elementary
200252	Teacher Aide/Secondary
200261	Child Care - Cooperative Education 1
200262	Child Care - Cooperative Education 2
200300	Clothing, Apparel, and Textiles Management, Production, and Services
200311	Clothing Occupations 1
200312	Clothing Occupations 2
200313	Clothing Occupations 3
200314	Clothing Occupations - Cooperative Education I
200315	Clothing Occupations - Cooperative Education 2
200321	Clothing Maintenance Aide
200331	Commercial Garment and Apparel Construction
200341	Custom Apparel Construction
200351	Custom Tailoring and Alteration
200361	Wedding and Specialty Consulting
200371	Fashion and Fabric Coordination
200381	Textiles Testing
200400	Food Production, Management and Services, Other
200411	Food Service Training
200412	Food Service Training 2
200413	Food Services/Restaurant Management
200421	Food Service Cooperative Training
200431	Baking
200441	Chef
200451	Catering
200461	Dietetic Aide
200471	Food Testing
200481	School Food Service
200500	Home Furnishings and Equipment Management, Production, and Services
200511	Housing and Interior Design 1
200512	Housing and Interior Design 2
200513	Interior Design Occupations
200521	Floral Design
200531	Home Decorating

**SPECIFIC LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
200541	Home Furnishings Aide
200551	Custom Drapery and Window Treatment Design
200561	Custom Slipcovering and Upholstering
200571	Home-Service Assisting 1
200572	Home Service Assisting 2
200573	Home Service Asst - Cooperative Education 1
200574	Home Service Asst - Cooperative Education 2
200600	Institutional, Home Management, and Supporting Services
200611	Custodial Services
200621	Executive Housekeeping
200631	Homemaker's Aide
200641	Companion to the Aged
200642	Geriatrics 2
200643	Geriatrics - Cooperative Education 1
200644	Geriatrics - Cooperative Education 2
200651	Consumer Aide
200661	Therapeutic Recreation Aide
200671	Institutional, Home Management Support Services -- Cooperative Ed
209900	Vocational Home Economics, Other
556111	Cosmetology/Barber 1
556121	Cosmetology/Barber 2
556211	Custodial and Housekeeping Services 1
556221	Custodial and Housekeeping Services 2
556311	Food Services 1
556321	Food Services 2
556411	Miscellaneous Services 1
556421	Miscellaneous Services 2
556611	Service Occupations Work Experience 1
556621	Service Occupations Work Experience 2
<b>STUB1060</b>	<b>TRADE AND INDUSTRY</b>
040100	Architecture and Environmental Design, Other
040200	Architecture, Other
040211	Architecture, Introduction
040212	Architecture, Advanced
040221	Architectural Theory
040300	City, Community, and Regional Planning, Other
040400	Environmental Design, Other
040600	Landscape Architecture, Other
040700	Urban Design, Other
049900	Architecture and Environmental Design, Other
100131	Photography, Commercial
100132	Photography, Advanced Commercial
120531	Industrial Maintenance/Mechanics 1
120532	Industrial Maintenance/Mechanics 2
150431	Computer-Assisted Design/Drafting (CAD)
210110	Industrial Occupations 2
210111	Industrial Cooperative Work Experience
210112	Industrial Cooperative Work Experience, Advanced
210113	Electricity 1
210114	Electricity 2
210115	Electronics 1
210116	Electronics 2
210117	Electronics 3

CSSC CODE	TITLE
210118	Electronics 4
210120	Electricity and Electronics, Advanced
210121	Machine Shop 1
210122	Machine Shop 2
210123	Machine Shop 3
210124	Machine Shop 4
210125	Industrial Education Management Trainee
210126	Industrial Arts Research
210130	Electricity - Cooperative Education 1
210131	Electricity - Cooperative Education 2
210140	Electronics - Cooperative Education 1
210141	Electronics - Cooperative Education 2
210150	Electricity/Electronics - Cooperative
210151	Electricity/Electronics - Cooperative
460100	Brickmasonry, Stonemasonry, and Tile Setting, Other
460111	Masonry 1
460112	Masonry 2
460113	Masonry 3
460121	Tile Setting and Plastering
460131	Concrete Technician
460200	Carpentry, Other
460211	Carpentry 1
460212	Carpentry 2
460213	Carpentry 3
460300	Electrical and Power Transmission Installation, Other
460311	Housewiring 1
460312	Housewiring 2
460321	Electric Power and Communications Lineworker
460400	Miscellaneous Construction Trades, Other
460411	Building Construction 1
460412	Building Construction 2
460413	Building Construction 3
460421	Painting and Decorating
460422	Flooring Installation
460431	Building Maintenance
460432	Building Maintenance 2
460441	Home Maintenance and Repair
460451	Building Construction - Cooperative Education 1
460452	Building Construction - Cooperative Education 2
460500	Plumbing, Pipefitting, and Steamfitting, Other
460511	Plumbing 1
460512	Plumbing 2
469900	Construction Trades, Other
470100	Electrical and Electronics Equipment Repair, Other
470111	Small Appliance Repair
470121	Radio and TV Repair 1
470122	Radio and TV Repair 2
470123	Radio and TV Repair 3
470131	Appliance Repair 1
470132	Appliance Repair 2
470141	Vending Machine Repair
470151	Business Machine Repair
470161	Industrial Electricity

## SPECIFIC LABOR MARKET PREPARATION (continued)

CSSC CODE	TITLE
470171	Industrial Electronics
470181	Food Processing Machine Maintenance Technician
470200	Heating, Air Conditioning, and Refrigeration
470211	Air Conditioning, Refrigeration, and Heating
470212	Air Conditioning, Refrigeration, and Heating, Advanced
470213	Air Conditioning, Refrigeration, and Heating 3
470300	Industrial Equipment Maintenance and Repair, Other
470311	Industrial Mechanics 1
470312	Industrial Mechanics 2
470321	Diesel Mechanics
470331	Industrial Maintenance Mechanics 1
470332	Industrial Maintenance Mechanics 2
470341	Petroleum Drilling Equipment Operation and Maintenance 1
470342	Petroleum Drilling Equipment Operation and Maintenance 2
470343	Petroleum Drilling Equipment Operation and Maintenance 3
470400	Miscellaneous Mechanics and Repairers, Other
470411	Musical Instrument Repair
470421	Instrument Maintenance and Repair
470431	Shoe Repair and Orthopedics 1
470432	Shoe Repair and Orthopedics 2
470433	Watch and Clock Repair (changed to 470441)
470434	Bicycle Repair (changed to 470451)
470441	Watch and Clock Repair
470451	Bicycle Repair
470500	Stationary Energy Sources, Other
470511	Power Mechanics 1
470512	Power Mechanics 2
470513	Power Mechanics 3
470514	Power Mechanics 4
470521	Hydraulics and Pneumatics
470600	Vehicle and Mobile Equipment Mechanics
470611	Small Engine Repair 1
470612	Small Engine Repair 2
470621	Auto Mechanics 1
470622	Auto Mechanics 2
470623	Auto Mechanics 3
470624	Auto Mechanics - Cooperative Education 1
470625	Auto Mechanics - Cooperative Education 2
470631	Auto Body 1
470632	Auto Body 2
470633	Auto Body 3
470641	Auto Service 1
470642	Auto Service 2
470651	Consumer Auto
470661	Airframes 1
470662	Airframes 2
470671	Aviation Powerplant 1
470672	Aviation Powerplant 2
470673	Aviation Powerplant 3
470674	Aviation Powerplant 4

CSSC CODE	TITLE
470681	Aviation Quality Control 1
470682	Aviation Quality Control 2
470691	Aircraft Sheetmetal 1
470692	Aircraft Sheetmetal 2
479900	Mechanics and Repairers, Other
480100	Drafting, Other
480111	Mechanical Drawing 1
480112	Mechanical Drawing 2
480113	Mechanical Drawing 3
480114	Mechanical Drawing 4
480121	Architectural Drawing 1
480122	Architectural Drawing 2
480123	Architectural Drawing 3
480124	Architectural Drawing 4
480131	Engineering Drawing 1
480132	Engineering Drawing 2
480141	Blueprint Reading
480151	Drafting 1, Cooperative
480152	Drafting 2, Cooperative
480200	Graphic and Printing Communications, Other
480211	Commercial Art 1
480212	Commercial Art 2
480213	Commercial Art, Cooperative
480214	Commercial Art 3
480221	Graphic Arts 1
480222	Graphic Arts 2
480223	Graphic Arts 3
480224	Graphic Arts 4
480231	Sign Painting 1
480232	Sign Painting 2
480233	Sign Painting 3
480241	Bindery
480251	Electronic Composition
480261	Copy Editing
480300	Leatherworking and Upholstering, Other
480311	Leatherwork 1
480312	Leatherwork 2
480321	Upholstery
480322	Upholstery, Advanced
480331	Auto Upholstery
480400	Precision Food Production, Other
480411	Meatcutting 1
480412	Meatcutting 2
480500	Precision Metal Work, Other
480511	Metal 1
480512	Metal 2
480513	Metal 3
480514	Metal 4
480521	Welding 1
480522	Welding 2
480523	Welding 3
480524	Welding - Cooperative Education
480531	Sheet Metal 1
480532	Sheet Metal 2
480541	Metal Restoration
480551	Foundry 1

**SPECIFIC LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
480552	Foundry 2
480600	Precision Work, Assorted Materials, Other
480611	Plastics 1
480612	Plastics 2
480621	Space Age Plastics
480700	Woodworking, Other
480711	Woodworking 1
480712	Woodworking 2
480713	Woodworking 3
480714	Woodworking 4
480721	Furniture Refinishing
480731	Cabinetmaking 1
480732	Cabinetmaking 2
489900	Precision Production, Other
490100	Air Transportation, Other
490111	Aeronautics 1
490112	Aeronautics 2
490121	Aviation Technology 1
490122	Aviation Technology 2
490123	Aviation Technology 3
490124	Aviation Technology 4
490131	Air Travel Service Occupations
490141	Aircraft Parts Management 1
490142	Aircraft Parts Management 2
490200	Vehicle and Equipment Operation, Other
490211	Forklift Operator
490212	Tractor-Trailer Truck Driving
490213	Heavy Vehicle Operation/Earth Moving Equipment
490214	Bus Driver/Chauffeur
490300	Water Transportation, Other
490311	Marine Mechanics, Basic
490312	Marine Mechanics, Advanced
490321	Boat Building
490331	Navigation
490341	Aquatic Occupations
490411	Introduction to Transportation Industry
490412	Transportation Technology 2
490421	Transportation/Traffic Technician
499900	Transportation and Material Moving, Other
500400	Design, Other
500411	Graphic Design
500800	Graphic Arts Technology, Other
500811	Computer Graphics Design
557111	Graphic and Printing Communications 1
557211	Leatherwork and Upholstery 1
557221	Leatherwork and Upholstery 2
557311	Meatcutting 1
557321	Meatcutting 2
557511	Precision Production Work Experience 1
557521	Precision Production Work Experience 2
557812	Graphic and Printing Communications II
558011	General Construction Trades 1
558021	General Construction Trades 2
558031	General Construction Trades 3
558111	Brickmasonry, Stonemasonry, and Tile Setting 1

CSSC CODE	TITLE
558121	Brickmasonry, Stonemasonry, and Tile Setting 2
558211	Carpentry 1
558221	Carpentry 2
558311	Plumbing 1
558321	Plumbing 2
558511	Construction Trades Work Experience 1
558521	Construction Trades Work Experience 2
559011	Auto Service 1
559021	Auto Service 2
559111	Auto Service, Work Experience 1
559121	Auto Service, Work Experience 2
<b>STUB1070</b>	<b>TECHNICAL AND COMMUNICATIONS</b>
090600	Radio/Television News Broadcast, Other
090611	Broadcast Journalism
090612	Careers in Radio/Television Broadcasting
090700	Radio/Television, Other General
090711	Broadcasting, Introduction
090831	Cryptography
100100	Communication Technologies, Other
100111	World of Communications
100121	Communications Media Production
100141	Broadcast Management 1
100142	Broadcast Management 2
100143	Broadcasting Practicum
100151	Film Making and Production 1
100152	Film Making and Production 2
100161	Radio Production
100171	Television Production 1
100172	Television Production 2
100173	Television Production 3
100174	Television Production 4
100181	Cable Television
100191	Radio/Television Production 1
100192	Radio/Television Production 2
110100	Computer and Information Sciences, Other General
110131	Computer Applications
110132	Computer Applications, Independent Study
110141	Computer Science, Advanced Placement
110151	Artificial Intelligence
110200	Computer Programming, Other
110211	Computer Programming 1
110212	Computer Programming 2
110213	Computer Programming 3
110221	FORTRAN, Introduction
110231	PASCAL, Introduction
110232	Advanced PASCAL
110241	BASIC, Introduction
110242	Advanced BASIC
110251	COBOL, Introduction
110252	Advanced COBOL
110261	LOGO, Introduction
110271	RPG Programming, Introduction
110300	Data Processing, Other
110311	Data Processing, Introduction

**SPECIFIC LABOR MARKET PREPARATION (continued)**

CSSC CODE	TITLE
110312	Data Processing, Intermediate
110313	Data Processing, Advanced
110321	Computer Programming - Cooperative Education
150100	Architectural Technologies, Other
150111	Structural Engineering Technician
150200	Civil Technologies, Other
150211	Surveying
150221	Civil Engineering Technician
150300	Electrical and Electronic Technologies, Other
150311	Audio Electronics
150321	Electrical Technology
150331	Electronic Technology 1
150332	Electronic Technology 2
150333	Electronics Fabrication
150341	Electrical/Electronics Engineering Technician
150400	Electromechanical Instrumentation and Maintenance
150411	Electromechanical Technology 1
150412	Electromechanical Technology 2
150421	Instrumentation Technology
150500	Environmental Control Technologies, Other
150511	Environmental Control Technologies
150600	Industrial Production Technologies, Other
150601	Industrial Research and Development
150611	Industrial Production Technology 1
150612	Industrial Production Technology 2
150621	Chemical Manufacturing Technology

CSSC CODE	TITLE
150631	Optics Technology
150700	Quality Control and Safety Technologies, Other
150711	Quality Control Technology
150800	Mechanical and Related Technologies, Other
150811	Automotive Design and Technology
150821	Mechanical Engineering Technology
150900	Mining and Petroleum Technologies, Other
150911	Mining Technology
150921	Petroleum Technology
159900	Engineering and Engineering-Related Technologies, Other
170321	Chemical Technology 1
170322	Chemical Technology 2
210127	Intro to Technology
410100	Biological Technologies, Other
410200	Nuclear Technologies, Other
410300	Physical Science Technologies, Other
419900	Science Technologies, Other
470124	Telecommunications Technician
480271	Desktop Publishing
<b>STUB1080</b>	<b>UNIDENTIFIED SUBJECT</b>
320106	Cooperative Education 1
320107	Cooperative Education 2
320120	Test Taking, General (changed to 451033)
320121	Off-Campus Vo Tech Training - Unspecified
320131	C.V.A.E.
550001	General Prevocational Preparation

## GENERAL SKILLS

CSSC CODE	TITLE
<b>STUB1100</b>	<b>GENERAL SKILLS</b>
070153	Personal Recordkeeping
070613	Speed Writing
090441	Yearbook Production 1
090442	Yearbook Production 2
090811	Sign Language 1
090812	Sign Language 2
090821	Braille Communications
230413	Handwriting
230414	Interpersonal Communication
231215	Speed Reading
240121	Summer Abroad
240131	Independent Study
320100	Basic Skills, Career and Employment, Other
320101	Recordkeeping, Personal (changed to 070153)
320111	Speed Reading (changed to 231215)
320116	Speedwriting (changed to 070613)
320117	Study Dynamics (changed to 320211)
320200	Basic Skills, General, Other
320201	Resource Room (Non Special Ed)
320211	Study Dynamics
320221	Test Taking
320231	Individualized Academic Program
330100	Citizenship/Civic Activities, Other
330111	Student Assistant
330131	Student Government

CSSC CODE	TITLE
330141	Tutoring
330151	Community Service
430221	Fire Safety Education
450604	Filing Your Income Taxes
543001	Activities of Daily and Family Living
543009	Activities of Daily and Family Living, Not for Credit
543101	Social/Behavioral Skills
543109	Social/Behavioral Skills, Not for Credit
543401	Functional Transition Skills
543409	Functional Transition Skills, Not for Credit
549401	Developmental Support Services for People with Disabilities
549409	Developmental Support Services for People with Disabilities, Not for Credit
569001	General Tutorial Services
569009	General Tutorial Services, Not for Credit
569101	Resource Study Skills
569109	Resource Study Skills, Not for Credit
569201	School and Social Survival Skills
569209	School and Social Survival Skills, Not for Credit
569301	Resource Survival Skills
569309	Resource Survival Skills, Not for Credit
569401	Disability-Specific Support Services
569409	Disability-Specific Support Services, Not for Credit



## PERSONAL HEALTH AND PHYSICAL EDUCATION

CSSC CODE	TITLE
<b>STUB1200 PERSONAL HEALTH AND PHYSICAL EDUCATION</b>	
120200	Entertainment Services, Other
120211	Sports Officiating
170561	Sports Medicine
300131	Outdoor Education
310111	Recreation Aide
310121	Search and Rescue
310200	Outdoor Recreation, Other
330121	Pep Squad
340100	Health-Related Activities, Other
340111	Physical and Health Education 7
340112	Physical and Health Education 8
340113	Physical and Health Education 9
340114	Physical Education 10
340115	Physical Education 11
340116	Physical Education 12
340121	Adaptive Physical Education (Multidisabled)
340122	Physical Education - Medically Excused
340123	Physical Education - MPR 1
340124	Physical Education - MPR 2
340129	Adaptive Physical Education, Not for Credit
340131	Health 7
340132	Health 8
340133	Health 9
340134	Health 10
340135	Health 11
340136	Health 12
340137	State Requirements
340138	Modern Medical Issues
340141	Drugs, Alcohol, and Tobacco
340151	Driver Education, Classroom
340152	Driver Education, Practice
340161	Physical Education Leadership Training
340171	Life Saving
340181	Safety
340191	Sex Education
350100	Interpersonal Skills, Other
350111	Interpersonal Relationships
350121	Building Human Relationships
350131	Peer Counseling
350141	Dropout Prevention
360100	Leisure and Recreational Activities, Other
360111	Sports, Individual
360121	Sports, Team
360131	Gymnastics

CSSC CODE	TITLE
360141	Drill Team
360151	Track and Field
360161	Aquatics
360171	Conditioning and Athletics
360181	Motorcycle Operation
360191	Recreational Activities
360192	Experiential Outdoor Education
370100	Personal Awareness, Other
370111	Personal Development Techniques
370121	Coping with Personal Problems
370131	Self Perception
543201	Functional Leisure and Recreational Skills
543209	Functional Leisure and Recreational Skills, Not for Credit
543301	Functional Health
543309	Functional Health, Not for Credit
<b>STUB1210 PHYSICAL EDUCATION</b>	
340100	Health-Related Activities, Other
340111	Physical and Health Education 7
340112	Physical and Health Education 8
340113	Physical and Health Education 9
340114	Physical Education 10
340115	Physical Education 11
340116	Physical Education 12
340121	Adaptive Physical Education (Multidisabled)
340122	Physical Education - Medically Excused
340123	Physical Education - MPR 1
340124	Physical Education - MPR 2
340129	Adaptive Physical Education, Not for Credit
340161	Physical Education Leadership Training
340171	Life Saving
<b>STUB1220 HEALTH</b>	
340131	Health 7
340132	Health 8
340133	Health 9
340134	Health 10
340135	Health 11
340136	Health 12
340137	State Requirements
340138	Modern Medical Issues
340141	Drugs, Alcohol, and Tobacco
340191	Sex Education
<b>STUB1230 DRIVER EDUCATION</b>	
340151	Driver Education, Classroom
340152	Driver Education, Practice

## RELIGION

CSSC CODE	TITLE
<b>STUB1300</b>	<b>RELIGION</b>
380200	Religion, Other
380201	Catholicism, Foundations
380202	Who Is Jesus
380203	Scripture
380204	Moral Issues, Social and Individual
380205	Marriage, Life Choices in Christian Living
380206	Comparative Religion
380207	Sacraments
380208	Eastern Religious Thought
380209	Religion and Psychology
380210	Western Religions
380211	Religion and Literature
380212	Religion, Introduction

CSSC CODE	TITLE
380213	Prayer and Liturgy
380214	Judaism, Foundations
380215	Protestantism, Foundations
380216	Religious Movements in America
380217	Islam and the Koran
389900	Philosophy and Religion, Other
390100	Biblical Languages, Other
390200	Bible Studies, Other
390300	Missionary Studies, Other
390400	Religious Education, Other
390500	Religious Music, Other
390600	Theological Studies, Other
390611	Theological Studies
399900	Theology, Other

## MILITARY SCIENCE

CSSC CODE	TITLE
<b>STUB1400</b>	<b>MILITARY SCIENCE</b>
280100	Aerospace Science (Air Force), Other
280111	Aerospace Education
280112	Aerospace Education 2
280113	Aerospace Education 3
280114	Aerospace Education 4
280121	Civil Air Patrol
280200	Coast Guard Science, Other
280300	Military Science (Army), Other
280311	Army Leadership Development, Introduction
280312	Army Intermediate Leadership Development
280313	Army Applied Leadership Development

CSSC CODE	TITLE
280314	Army Advanced Leadership Development
280400	Naval Science (Navy, Marines), Other
280411	Naval Science 1
280412	Naval Science 2
280413	Naval Science 3
280414	Naval Science 4
280421	Marine Corps Leadership Education 1
280422	Marine Corps Leadership Education 2
280423	Marine Corps Leadership Education 3
280424	Marine Corps Leadership Education 4
289900	Military Sciences, Other
290100	Military Technologies, Other

## SPECIAL EDUCATION

CSSC CODE	TITLE
<b>STUB1500</b>	<b>SPECIAL EDUCATION</b>
340121	Adaptive Physical Education (Multidisabled)
340129	Adaptive Physical Education, Not for Credit
520101	General (including Pre-Vocational Programs) EMH
520102	Mathematics EMH
520103	English/Language Arts EMH
520104	Science EMH
520105	Social Studies EMH
520106	Adaptive Foods EMH
520107	Adaptive Foundry EMH
520108	Adaptive Drivers Education EMH
520109	Adaptive Health Education EMH
520110	Work Program (OJT Off Campus) EMH
520201	Resource (General) EH
520202	Self Contained EH
520203	English/Language Arts EH
520204	Mathematics EH
520205	Science EH
520206	Social Studies EH
520301	English/Language Arts Deaf
520302	Mathematics Deaf
520303	Science Deaf
520304	Social Studies Deaf
520305	General Deaf
520401	General Blind
520501	Homebound (Home or Hospital for More Than 10 Days)
520601	Learning Disabilities Other
520701	Help for Under-Achievers and Disadvantaged Students
520801	Speech Impairment General
520901	Physically Disabled (General)
520902	Physically Disabled Work Program
521001	Multi-Disabled (General)
521101	Severely Mentally Retarded (General)
541001	General Math Skills
541009	Functional Math Skills, Not for Credit
541101	Functional Consumer Math
541109	Functional Consumer Math, Not for Credit
541201	Functional Vocational Math
541209	Functional Vocational Math, Not for Credit
542011	Functional Language Arts 1
542019	Functional Language Arts 1, Not for Credit
542021	Functional Language Arts 2
542029	Functional Language Arts 2, Not for Credit
542031	Functional Language Arts 3
542039	Functional Language Arts 3, Not for Credit
542041	Functional Language Arts 4
542049	Functional Language Arts 4, Not for Credit
542051	Functional Vocational English
542059	Functional Vocational English, Not for Credit
542101	Functional Reading
542109	Functional Reading, Not for Credit
542201	Functional Oral Communication
542209	Functional Oral Communication, Not for Credit

CSSC CODE	TITLE
542301	Functional Writing
542309	Functional Writing, Not for Credit
542401	Functional Academics
542409	Functional Academics, Not for Credit
543001	Activities of Daily and Family Living
543009	Activities of Daily and Family Living, Not for Credit
543101	Social/Behavioral Skills
543109	Social/Behavioral Skills, Not for Credit
543201	Functional Leisure and Recreational Skills
543209	Functional Leisure and Recreational Skills, Not for Credit
543301	Functional Health
543309	Functional Health, Not for Credit
543401	Functional Transition Skills
543409	Functional Transition Skills, Not for Credit
544001	Functional Science
544009	Functional Science, Not for Credit
544501	Functional Social Skills
544509	Functional Social Studies, Not for Credit
549401	Developmental Support Services for People with Disabilities
549409	Developmental Support Services for People with Disabilities, Not for Credit
550001	General Prevocational Preparation
550009	General Prevocational Preparation, Not for Credit
550101	Career Exploration
550109	Career Exploration, Not for Credit
550201	General Work-Study/Experience
550209	General Work-Study/Experience, Not for Credit
550301	General Work Experience
550309	General Work Experience, Not for Credit
550401	Combined Vocational/Academic Preparation
550409	Combined Vocational/Academic Preparation, Not for Credit
551001	General Pre-vocational Preparation
551009	General Pre-vocational Preparation, Not for Credit
551011	General Agriculture 1
551019	General Agriculture 1, Not for Credit
551021	General Agriculture 2
551029	General Agriculture 2, Not for Credit
551031	General Agriculture 3
551039	General Agriculture 3, Not for Credit
551111	Animal Care 1
551119	Animal Care 1, Not for Credit
551121	Animal Care 2
551129	Animal Care 2, Not for Credit
551211	Plant Care 1
551219	Plant Care 1, Not for Credit
551221	Plant Care 2
551229	Plant Care 2, Not for Credit
551311	Agricultural Mechanics 1
551319	Agricultural Mechanics 1, Not for Credit
551321	Agricultural Mechanics 2
551329	Agricultural Mechanics 2, Not for Credit
551411	Agricultural Work Study

**SPECIAL EDUCATION (continued)**

CSSC CODE	TITLE
551419	Agricultural Work Study, Not for Credit
551511	Agricultural Work Experience
551519	Agricultural Work Experience, Not for Credit
552011	General Office Practice 1
552021	General Office Practice 2
552031	General Office Practice 3
552111	Office Machines 1
552121	Office Machines 2
552211	Business Word Study 1
552221	Business Work Study 2
552311	Business Work Experience 1
552321	Business Work Experience 2
553011	General Health Occupations 1
553019	General Health Occupations 1, Not for Credit
553021	General Health Occupations 2
553029	General Health Occupations 2, Not for Credit
553031	General Health Occupations 3
553039	General Health Occupations 3, Not for Credit
553111	Health Occupations Work Study 1
553119	Health Occupations Work Study 1, Not for Credit
553121	Health Occupations Work Study 2
553129	Health Occupations Work Study 2, Not for Credit
553211	Health Occupations Work Experience 1
553219	Health Occupations Work Experience 1, Not for Credit
553221	Health Occupations Work Experience 2
553229	Health Occupations Work Experience 2 Not for Credit
554011	General Home Economics 1
554019	General Home Economics 1, Not for Credit
554021	General Home Economics 2
554029	General Home Economics 2, Not for Credit
554031	General Home Economics 3
554039	General Home Economics 3, Not for Credit
554111	Child Development 1
554119	Child Development 1, Not for Credit
554121	Child Development 2
554129	Child Development 2, Not for Credit
554211	Clothing and Textiles 1
554219	Clothing and Textiles 1, Not for Credit
554221	Clothing and Textiles 2
554229	Clothing and Textiles 2, Not for Credit
554311	Food and Nutrition 1
554319	Food and Nutrition 1, Not for Credit
554321	Food and Nutrition 2
554329	Food and Nutrition 2, Not for Credit
554411	Home Economics Work Study 1
554419	Home Economics Work Study 1, Not for Credit
554421	Home Economics Work Study 2
554429	Home Economics Work Study 2, Not for Credit
554511	Home Economics Work Experience 1
554519	Home Economics Work Experience 1, Not for Credit
554521	Home Economics Work Experience 2
554529	Home Economics Work Experience 2, Not for Credit

CSSC CODE	TITLE
555011	General Industrial Arts 1
555019	General Industrial Arts 1, Not for Credit
555021	General Industrial Arts 2
555029	General Industrial Arts 2, Not for Credit
555031	General Industrial Arts 3
555039	General Industrial Arts 3, Not for Credit
556111	Cosmetology/Barber 1
556119	Cosmetology/Barber 1, Not for Credit
556121	Cosmetology/Barber 2
556129	Cosmetology/Barber 2, Not for Credit
556211	Custodial and Housekeeping Services 1
556219	Custodial and Housekeeping Services 1, Not for Credit
556221	Custodial and Housekeeping Services 2
556229	Custodial and Housekeeping Services 2, Not for Credit
556311	Food Services 1
556319	Food Services 1, Not for Credit
556321	Food Services 2
556329	Food Services 2, Not for Credit
556411	Miscellaneous Services 1
556419	Miscellaneous Services 1, Not for Credit
556421	Miscellaneous Services 2
556429	Miscellaneous Services 2, Not for Credit
556511	Service Occupations Work Study 1
556519	Service Occupations Work Study 1, Not for Credit
556521	Service Occupations Work Study 2
556529	Service Occupations Work Study 2, Not for Credit
556611	Service Occupations Work Experience 1
556619	Service Occupations Work Experience 1, Not for Credit
556621	Service Occupations Work Experience 2
556629	Service Occupations Work Experience 2, Not for Credit
557111	Graphic and Printing Communications 1
557119	Graphic and Printing Communications 1, Not for Credit
557121	Graphic and Printing Communications 2,
557129	Graphic and Printing Communications 2, Not for Credit
557211	Leatherwork and Upholstery 1,
557219	Leatherwork and Upholstery 1, Not for Credit
557221	Leatherwork and Upholstery 2
557229	Leatherwork and Upholstery 2, Not for Credit
557311	Meatcutting 1
557319	Meatcutting 1, Not for Credit
557321	Meatcutting 2
557329	Meatcutting 2, Not for Credit
557411	Precision Production Work Study 1
557419	Precision Production Work Study 1, Not for Credit
557421	Precision Production Work Study 2
557429	Precision Production Work Study 2, Not for Credit

**SPECIAL EDUCATION (continued)**

CSSC CODE	TITLE
557511	Precision Production Work Experience 1
557519	Precision Production Work Experience 1, Not for Credit
557521	Precision Production Work Experience 2
557529	Precision Production Work Experience 2 Not for Credit
557812	Graphic and Printing Communications II
558011	General Construction Trades 1
558019	General Construction Trades 1, Not for Credit
558021	General Construction Trades 2
558029	General Construction Trades 2, Not for Credit
558031	General Construction Trades 3
558039	General Construction Trades 3, Not for Credit
558111	Brickmasonry, Stonemasonry, and Tile Setting 1
558119	Brickmasonry, Stonemasonry, and Tile Setting 1, Not for Credit
558121	Brickmasonry, Stonemasonry, and Tile Setting 2
558129	Brickmasonry, Stonemasonry, and Tile Setting 2, Not for Credit
558211	Carpentry 1
558219	Carpentry 1, Not for Credit
558221	Carpentry 2
558229	Carpentry 2, Not for Credit
558311	Plumbing 1
558319	Plumbing 1, Not for Credit
558321	Plumbing 2
558329	Plumbing 2, Not for Credit
558411	Construction Trades Work Study 1
558419	Construction Trades Work Study 1, Not for Credit
558421	Construction Trades Work Study 2
558429	Construction Trades Work Study 2, Not for Credit
558511	Construction Trades Work Experience 1
558519	Construction Trades Work Experience 1, Not for Credit
558521	Construction Trades Work Experience 2
558529	Construction Trades Work Experience 2 Not for Credit
559011	Auto Service 1
559019	Auto Service 1, Not for Credit
559021	Auto Service 2
559029	Auto Service 2, Not for Credit
559111	Auto Service, Work Experience 1
559119	Auto Service, Work Experience 1, Not for Credit
559121	Auto Service, Work Experience 2
559129	Auto Service, Work Experience 2, Not for Credit
562300	Special Education Language Arts

CSSC CODE	TITLE
562301	Resource Language Arts/English
562302	Developmental English 2/Resource ESE AAP English 2
562303	Developmental English 3/Resource ESE AAP English 3
562304	Developmental English 4/Resource ESE AAP English 4
562309	Resource Language Arts/English, Not for Credit
562310	Special Education Reading
562311	Resource Reading
562319	Resource Reading, Not for Credit
562320	Special Education Writing
562321	Resource Writing
562322	Resource Room English 2 (Special Education)
562329	Resource Writing, Not for Credit
562700	Special Education Math
562701	Resource General Math
562709	Resource General Math, Not for Credit
562711	Resource Vocational Math
562719	Resource Vocational Math, Not for Credit
562721	Resource Consumer Math
562729	Resource Consumer Math, Not for Credit
563201	Resource Career Exploration/Prevocational Skills
563209	Resource Career Exploration/Prevocational Skill, Not for Credit
563211	Resource Transition Skills
563219	Resource Transition Skills, Not for Credit
564000	Special Education General Science
564001	Resource General Science
564009	Resource General Science, Not for Credit
564500	Special Education Social Studies
564501	Resource Social Studies
564509	Resource Social Studies, Not for Credit
569001	General Tutorial Services
569009	General Tutorial Services, Not for Credit
569101	Resource Study Skills
569109	Resource Study Skills, Not for Credit
569201	School and Social Survival Skills
569209	School and Social Survival Skills, Not for Credit
569301	Resource Survival Skills
569309	Resource Survival Skills, Not for Credit
569401	Disability-Specific Support Services
569409	Disability-Specific Support Services, Not for Credit

## UNCODABLE

CSSC CODE	TITLE
<b>STUB1600</b>	<b>UNCODABLE</b>
240151	Non Specific College Level Studies
380142	IB Theory of Knowledge
600000	Uncodable

## NEW BASICS CURRICULUM

<b>STUB2001</b>	<b>4 E + 3 SS + 3 SCI + 3 MATH + 1/2 COMP. + 2 FL</b>
	<p>0 For students not meeting the following minimum requirements</p> <p>1 For students who have earned the following minimum numbers of credits in each of the New Basics core subject areas:</p> <ul style="list-style-type: none"> <li>4.0 credits in English courses</li> <li>3.0 credits in History/Social Studies courses</li> <li>3.0 credits in Science courses</li> <li>3.0 credits in Mathematics courses</li> <li>0.5 credits in Computer Science/Programming/Data Processing courses</li> <li>2.0 credits in Foreign Language courses</li> </ul> <p>NOTE: This is the set of courses recommended by the National Commission on Excellence in Education in <u>A Nation at Risk</u> (1983) for college-bound students.</p>
<b>STUB2002</b>	<b>4 E + 3 SS + 3 SCI + 3 MATH + 1/2 COMP.</b>
This is the "New Basics Curriculum" or the "Core Curriculum"	<p>0 For students not meeting the following minimum requirements</p> <p>1 For students who have earned the following minimum numbers of credits in each of the New Basics core subject areas:</p> <ul style="list-style-type: none"> <li>4.0 credits in English courses</li> <li>3.0 credits in History/Social Studies courses</li> <li>3.0 credits in Science courses</li> <li>3.0 credits in Mathematics courses</li> <li>0.5 credits in Computer Science/Programming/Data Processing courses</li> </ul> <p>NOTE: This is the set of courses recommended by the National Commission on Excellence in Education in <u>A Nation at Risk</u> (1983) for all high school graduates.</p>
<b>STUB2003</b>	<b>4 E + 3 SS + 3 SCI + 3 MATH + 2 FL</b>
	<p>0 For students not meeting the following minimum requirements</p> <p>1 For students who have earned the following minimum numbers of credits in each of the New Basics core subject areas:</p> <ul style="list-style-type: none"> <li>4.0 credits in English courses</li> <li>3.0 credits in History/Social Studies courses</li> <li>3.0 credits in Science courses</li> <li>3.0 credits in Mathematics courses</li> <li>2.0 credits in Foreign Language courses</li> </ul>



<b>STUB2004</b>	<b>4 E + 3 SS + 3 SCI + 3 MATH</b>
This is the "Minimal Academic Curriculum" or "Law 1 Curriculum"	<p>0 For students not meeting the following minimum requirements</p> <p>1 For students who have earned the following minimum numbers of credits in each of the New Basics core subject areas:</p> <ul style="list-style-type: none"> <li>4.0 credits in English courses</li> <li>3.0 credits in History/Social Studies courses</li> <li>3.0 credits in Science courses</li> <li>3.0 credits in Mathematics courses</li> </ul> <p>NOTE: This is the minimum set of courses required by states classified as "Law 1" states in the tables.</p>
<b>STUB2005</b>	<b>4 E + 3 SS + 2 SCI + 2 MATH</b>
This is "Law 2 Curriculum"	<p>0 For students not meeting the following minimum requirements</p> <p>1 For students who have earned the following minimum numbers of credits in each of the New Basics core subject areas:</p> <ul style="list-style-type: none"> <li>4.0 credits in English courses</li> <li>3.0 credits in History/Social Studies courses</li> <li>2.0 credits in Science courses</li> <li>2.0 credits in Mathematics courses</li> </ul> <p>NOTE: This is the minimum set of courses required by states classified as "Law 2" states in the tables.</p>